

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025112.D
 Acq On : 01 Jul 2018 01:41
 Operator : MD/SY
 Sample : VU0630WBSD02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Manual Integrations
 APPROVED

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 7/2/2018 4:16:38 PM

Quant Time: Jul 02 08:00:16 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	166696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	256698	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	239146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	135704	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	122594	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	4.89	113	99750	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	7.57	98	317313	40.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.66%	
62) 4-Bromofluorobenzene	10.31	95	132630	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35511	17.02	ug/l	96
3) Chloromethane	1.33	50	40211	18.86	ug/l	99
4) Vinyl Chloride	1.40	62	41628	18.94	ug/l	98
5) Bromomethane	1.62	94	26334	24.78	ug/l	97
6) Chloroethane	1.70	64	26763	21.18	ug/l	99
7) Trichlorofluoromethane	1.89	101	67844	20.22	ug/l	99
8) Diethyl Ether	2.10	74	25413	21.17	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38538	18.52	ug/l	96
10) Methyl Iodide	2.41	142	37864	24.51	ug/l	96
11) Tert butyl alcohol	2.82	59	70399	106.37	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36335	19.14	ug/l	96
13) Acrolein	2.19	56	20749	59.70	ug/l	96
14) Allyl chloride	2.60	41	61329	17.40	ug/l	97
15) Acrylonitrile	2.94	53	131768	102.33	ug/l	98
16) Acetone	2.32	43	131096	89.66	ug/l	98
17) Carbon Disulfide	2.48	76	101102	16.63	ug/l	99
18) Methyl Acetate	2.62	43	82139	26.20	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	150829	21.14	ug/l	96
20) Methylene Chloride	2.70	84	45882	20.00	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	41369	19.79	ug/l	99
22) Diisopropyl ether	3.57	45	143192	20.50	ug/l	94
23) Vinyl Acetate	3.53	43	566365	90.50	ug/l	99
24) 1,1-Dichloroethane	3.45	63	81405	20.26	ug/l	99
25) 2-Butanone	4.26	43	193238	98.39	ug/l	95
26) 2,2-Dichloropropane	4.23	77	47045	12.33	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	49938	20.78	ug/l	95
28) Bromochloromethane	4.55	49	34256	19.35	ug/l	89
29) Tetrahydrofuran	4.64	42	124256	102.16	ug/l	97
30) Chloroform	4.68	83	83568	20.54	ug/l	98
31) Cyclohexane	5.00	56	72116	18.98	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	77597	20.63	ug/l	95
36) 1,1-Dichloropropene	5.14	75	58975	19.55	ug/l	97
37) Ethyl Acetate	4.38	43	66979	20.37	ug/l	95
38) Carbon Tetrachloride	5.14	117	64834	19.55	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	70093	18.62	ug/l	96
40) Benzene	5.39	78	176619	20.55	ug/l	97
41) Methacrylonitrile	4.55	41	39770	22.44	ug/l	98
42) 1,2-Dichloroethane	5.41	62	72646	22.19	ug/l	98
43) Isopropyl Acetate	5.55	43	111942	19.70	ug/l	100
44) Trichloroethene	6.19	130	49327	20.17	ug/l	96
45) 1,2-Dichloropropane	6.44	63	46488	20.27	ug/l	92
46) Dibromomethane	6.56	93	34217	21.24	ug/l	94
47) Bromodichloromethane	6.76	83	63592	19.82	ug/l	99
48) Methyl methacrylate	6.63	41	59616	21.54	ug/l	98
49) 1,4-Dioxane	6.62	88	28553	527.62	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	373352	104.57	ug/l	99
52) Toluene	7.64	92	109506	19.80	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	64340	17.86	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	66902	17.43	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	46941	20.88	ug/l	98
56) Ethyl methacrylate	8.02	69	74236	19.73	ug/l	99
57) 1,3-Dichloropropane	8.25	76	79445	20.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	132303	91.79	ug/l	96
59) 2-Hexanone	8.36	43	294209	100.94	ug/l	99
60) Dibromochloromethane	8.48	129	50567	18.04	ug/l	99
61) 1,2-Dibromoethane	8.59	107	51413	20.55	ug/l	99
64) Tetrachloroethene	8.23	164	50455	22.20	ug/l	98
65) Chlorobenzene	9.12	112	126271	20.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	49168	21.18	ug/l	97
67) Ethyl Benzene	9.25	91	216409	20.21	ug/l	97
68) m/p-Xylenes	9.38	106	167722	40.78	ug/l	99
69) o-Xylene	9.78	106	84740	20.82	ug/l	96
70) Styrene	9.80	104	130137	19.46	ug/l	98
71) Bromoform	9.96	173	38729	17.56	ug/l #	100
73) Isopropylbenzene	10.17	105	224261	21.52	ug/l	99
74) N-amyl acetate	10.01	43	92901	18.75	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	76148	21.81	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	69775m	23.35	ug/l	
77) Bromobenzene	10.46	156	56647	21.48	ug/l	95
78) n-propylbenzene	10.59	91	246773	20.11	ug/l	98
79) 2-Chlorotoluene	10.66	91	154411	21.33	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	188938	20.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	20895m	16.19	ug/l	
82) 4-Chlorotoluene	10.78	91	169752	20.15	ug/l	99
83) tert-Butylbenzene	11.10	119	188396	21.69	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	192975	20.97	ug/l	97
85) sec-Butylbenzene	11.33	105	223567	20.56	ug/l	99
86) p-Isopropyltoluene	11.48	119	192920	19.81	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	101590	20.85	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	101256	20.64	ug/l	98
89) n-Butylbenzene	11.89	91	145983	16.88	ug/l	97
90) Hexachloroethane	12.15	117	33482	17.62	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	105179	21.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19990	20.75	ug/l	98

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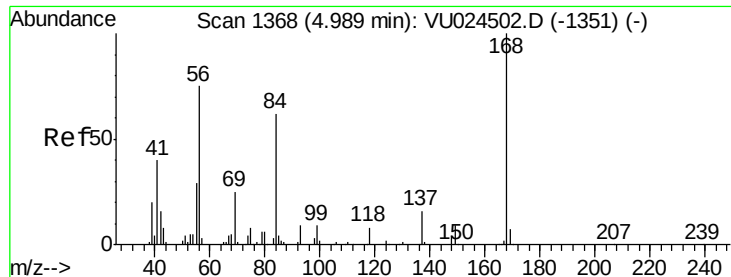
Manual Integrations
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7/2/2018 4:16:38 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	61054	20.26	ug/l	99
94) Hexachlorobutadiene	13.70	225	33646	19.83	ug/l	99
95) Naphthalene	13.75	128	210212	21.46	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	65803	21.91	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion:168 Resp: 166696

Ion Ratio Lower Upper

168 100

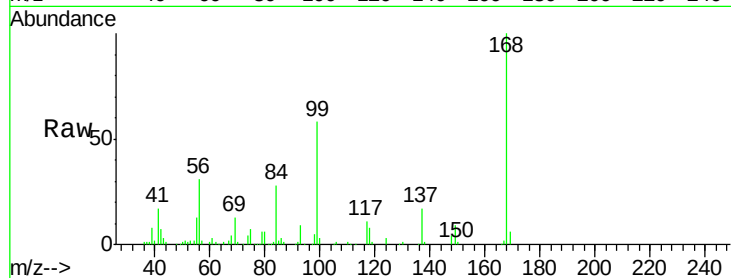
99 57.3 43.2 64.8

Manual Integrations

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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) (-)

4.99

80000

60000

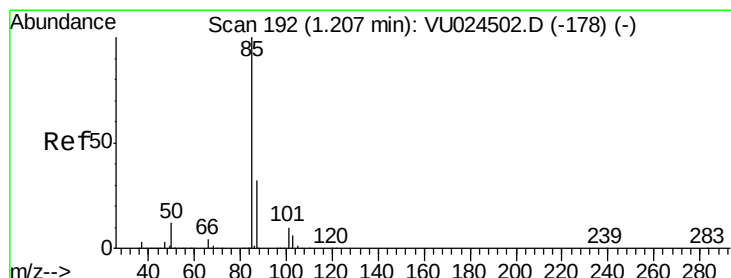
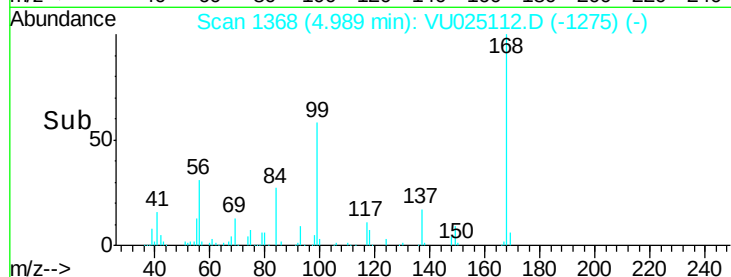
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.02 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025112.D

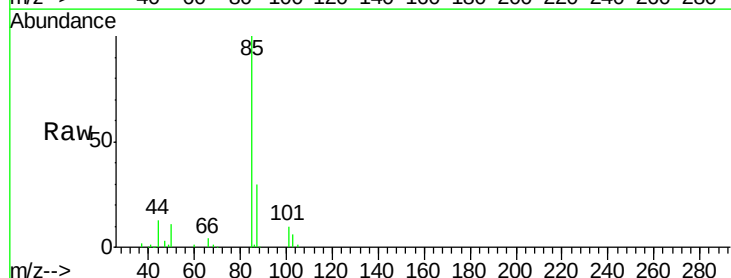
Acq: 01 Jul 2018 01:41

Tgt Ion: 85 Resp: 35511

Ion Ratio Lower Upper

85 100

87 30.1 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) (-)

1.20

40000

30000

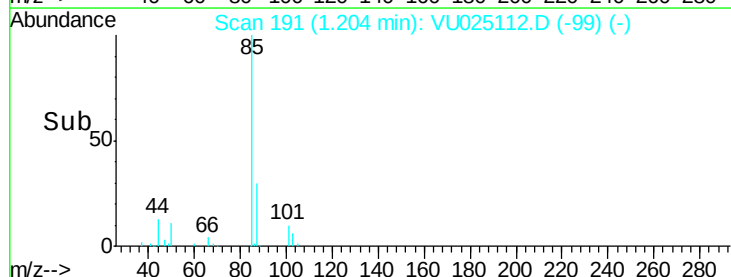
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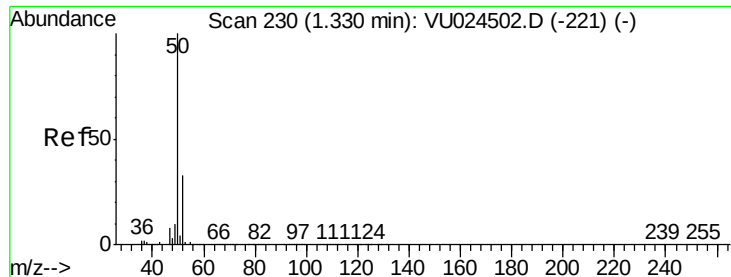
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.86 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion: 50 Resp: 40211

Ion Ratio Lower Upper

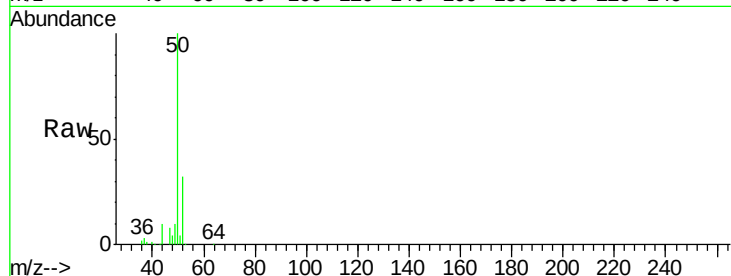
50 100

52 32.3 26.4 39.6

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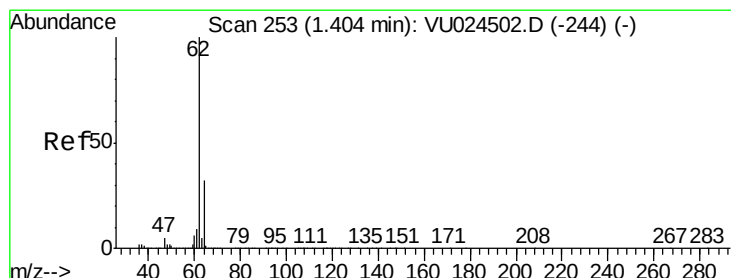
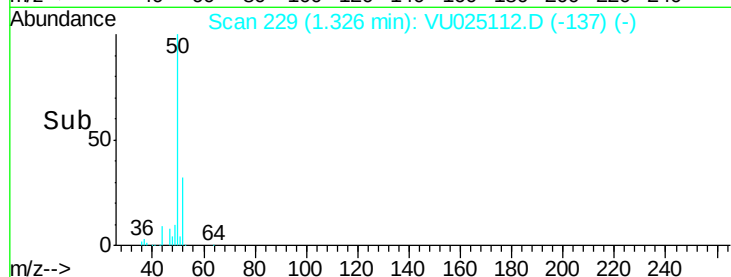
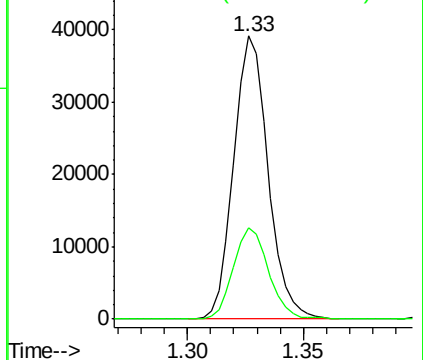
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.94 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025112.D

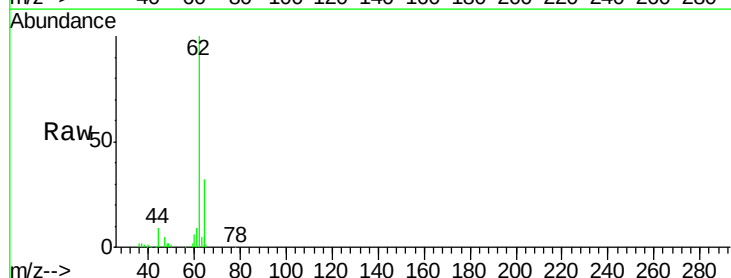
Acq: 01 Jul 2018 01:41

Tgt Ion: 62 Resp: 41628

Ion Ratio Lower Upper

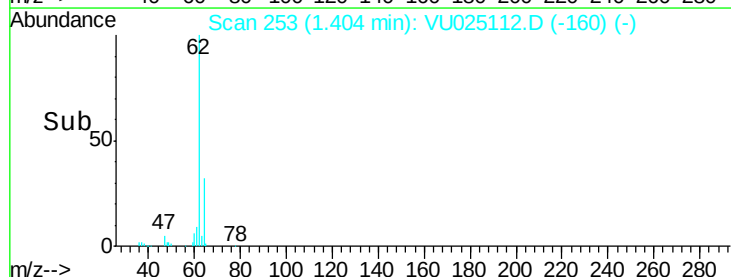
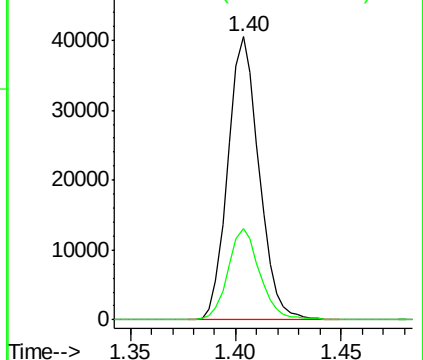
62 100

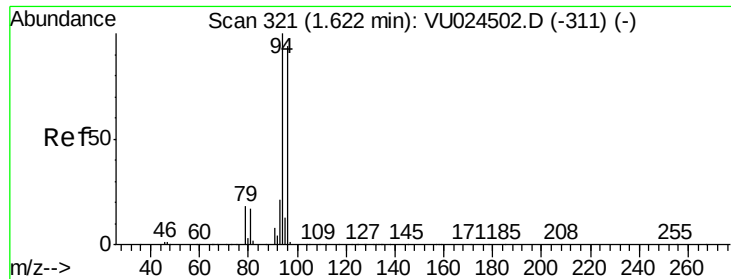
64 32.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 24.78 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion: 94 Resp: 26334

Ion Ratio Lower Upper

94 100

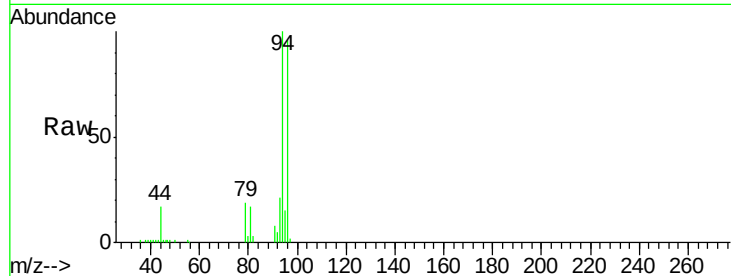
96 95.9 74.5 111.7

Manual Integrations

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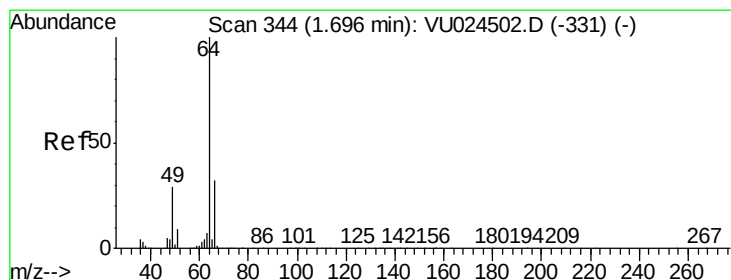
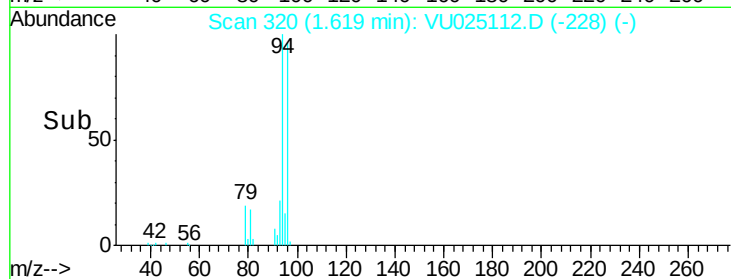
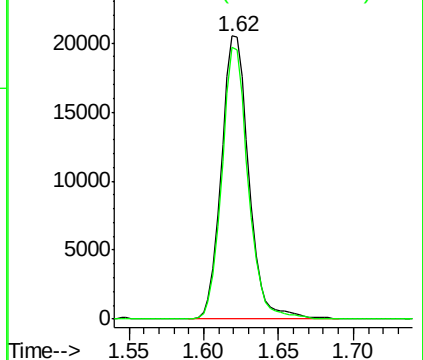
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 21.18 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025112.D

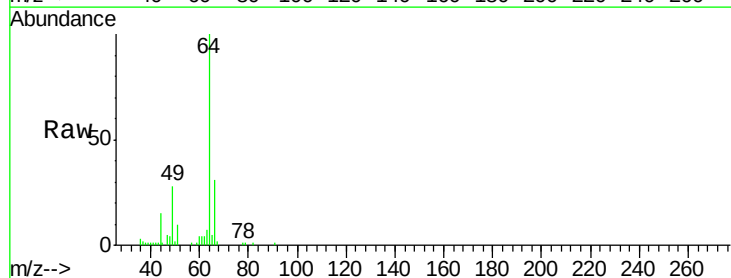
Acq: 01 Jul 2018 01:41

Tgt Ion: 64 Resp: 26763

Ion Ratio Lower Upper

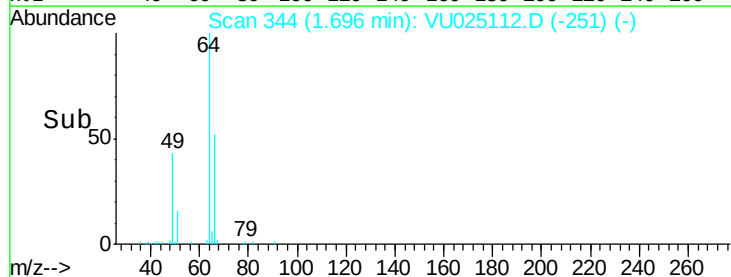
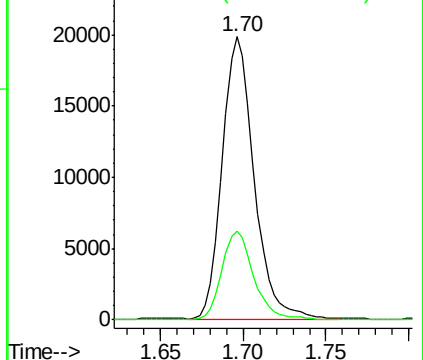
64 100

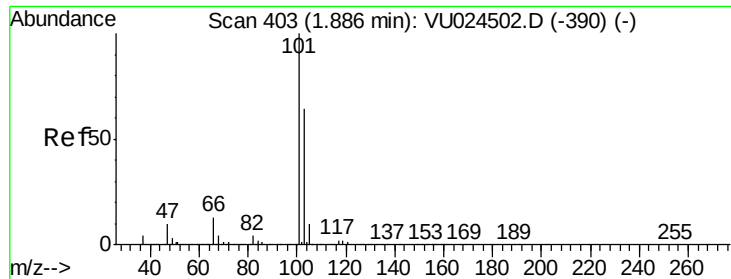
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

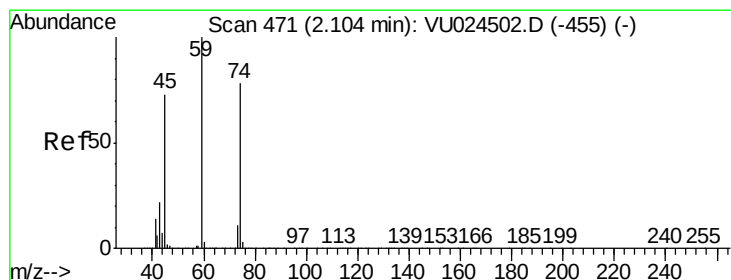
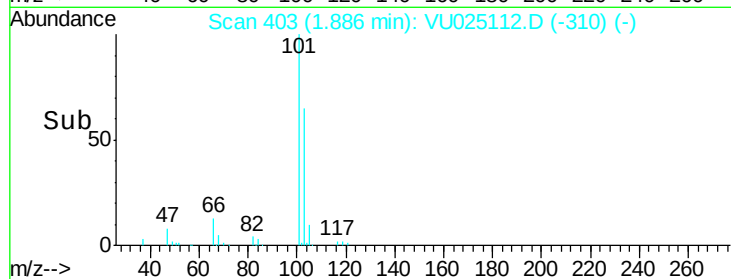
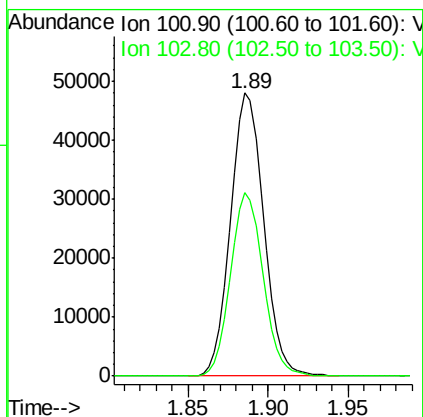
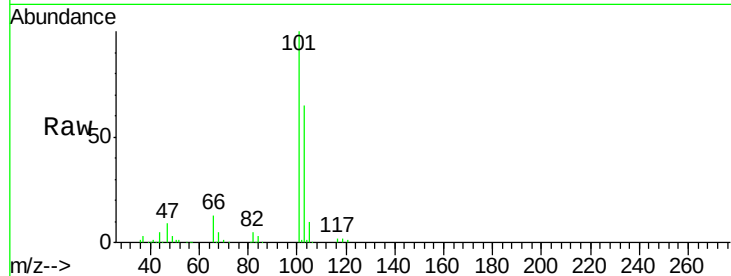
Trichlorofluoromethane
 Concen: 20.22 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.3	78.5

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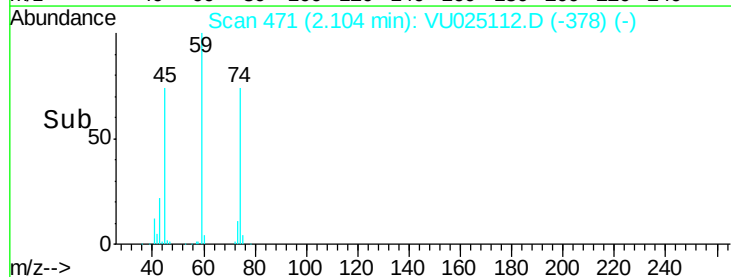
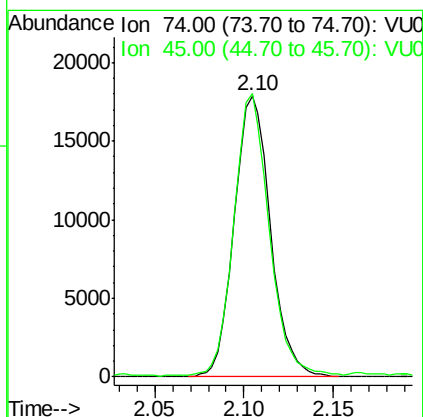
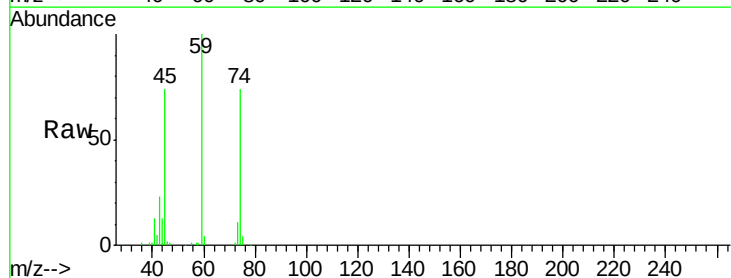
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 7/2/2018 4:16:38 PM

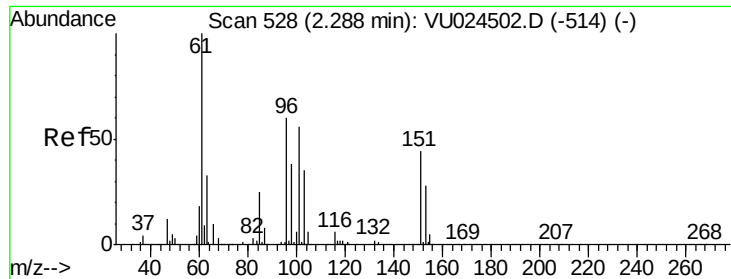


#8

Diethyl Ether
 Concen: 21.17 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.52 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

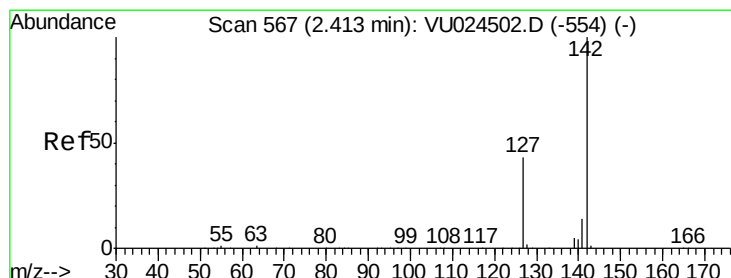
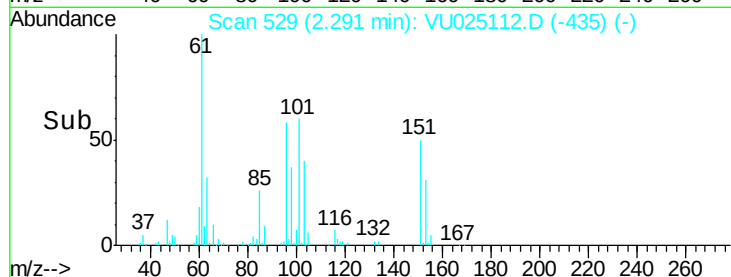
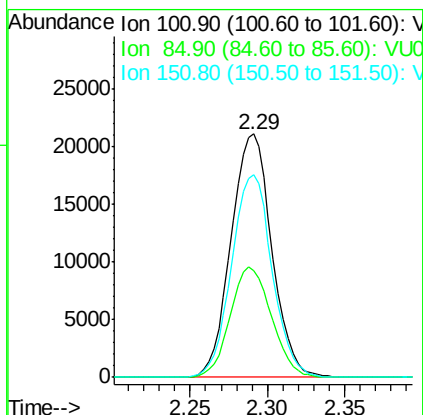
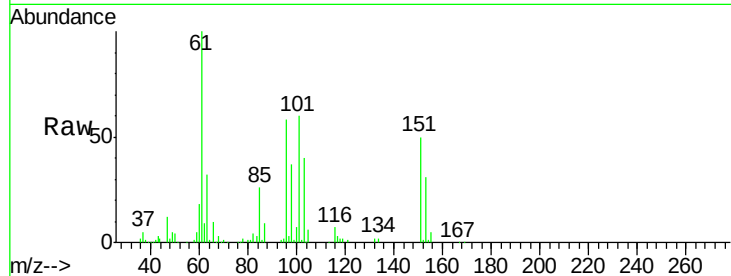
ClientSampleId :

VU0630WBSD02

Tot Ion:	101	Resp:	38538
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.0	54.0
151	82.9	62.3	93.5

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#10

Methyl Iodide

Concen: 24.51 ug/l

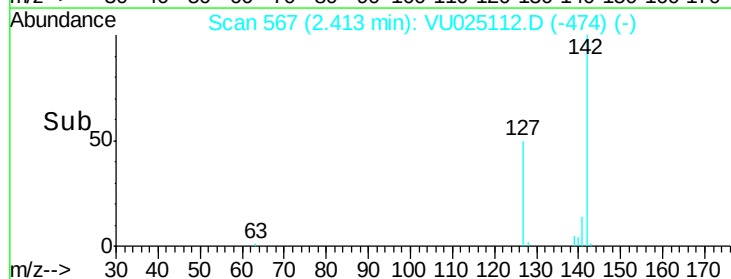
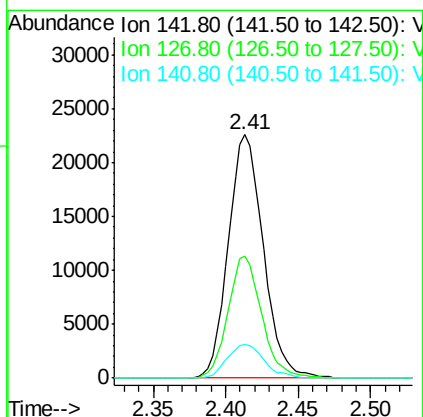
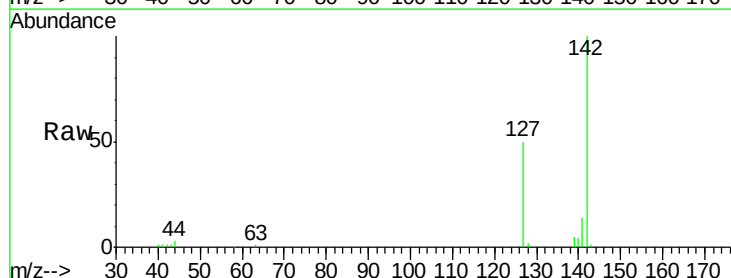
RT: 2.41 min Scan# 567

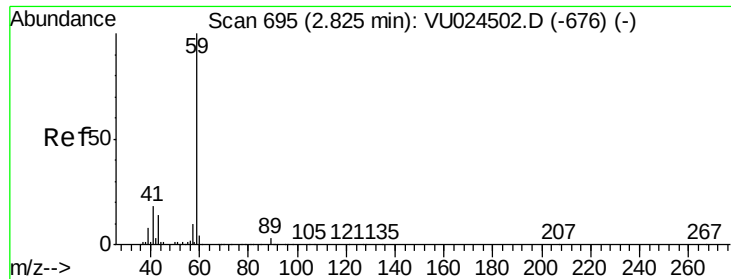
Delta R.T. 0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion:	142	Resp:	37864
Ion Ratio	Lower	Upper	
142	100		
127	48.1	35.6	53.4
141	14.4	11.7	17.5





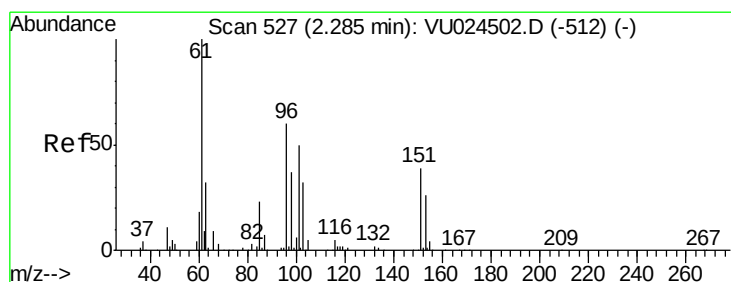
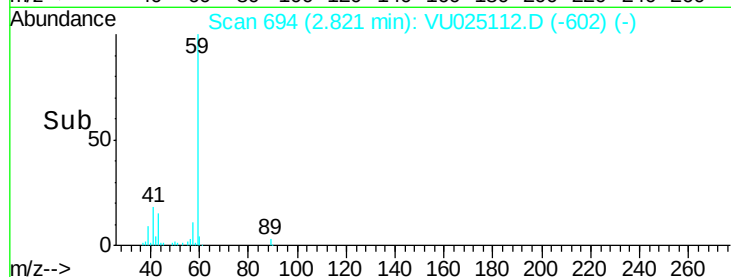
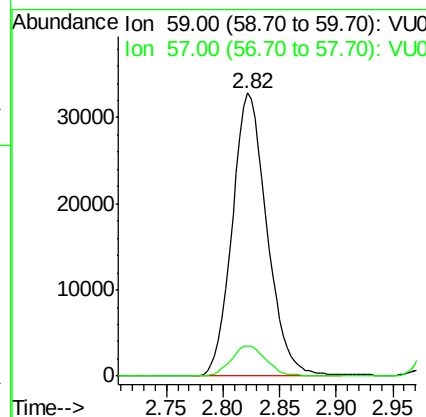
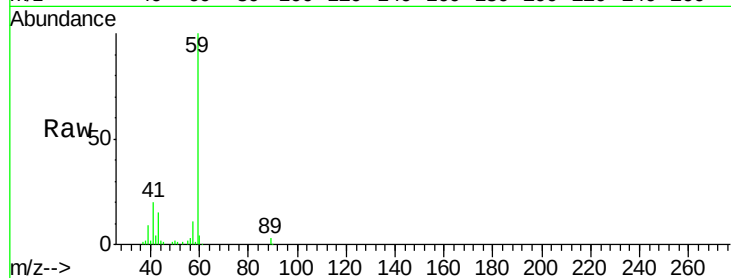
#11
Tert butyl alcohol
Concen: 106.37 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

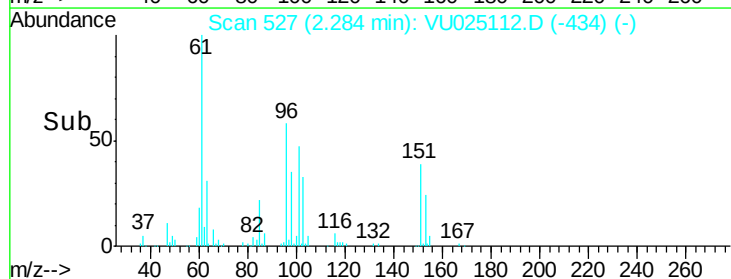
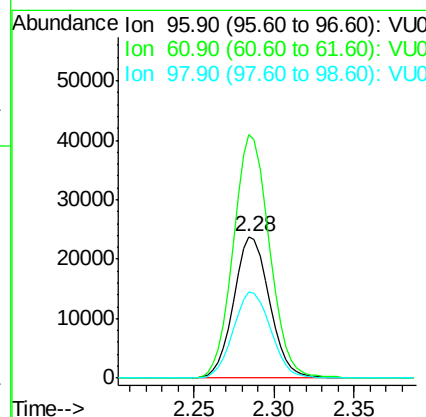
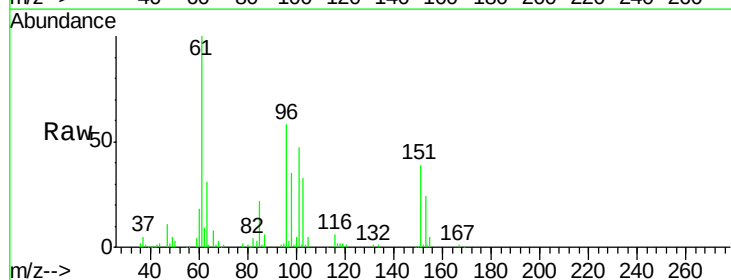
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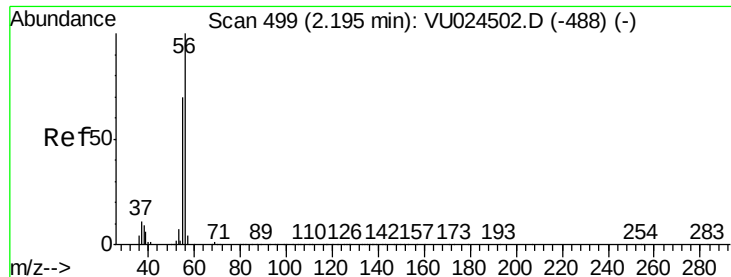
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#12
1,1-Dichloroethene
Concen: 19.14 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.4	141.7	212.5
98	60.9	51.6	77.4





#13

Acrolein

Concen: 59.70 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion: 56 Resp: 20749

Ion Ratio Lower Upper

56 100

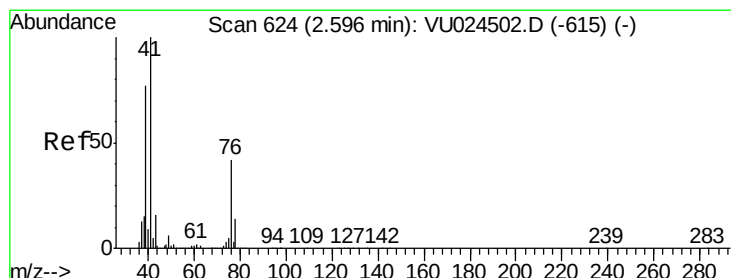
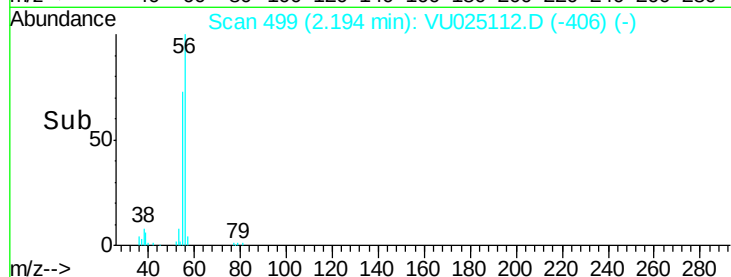
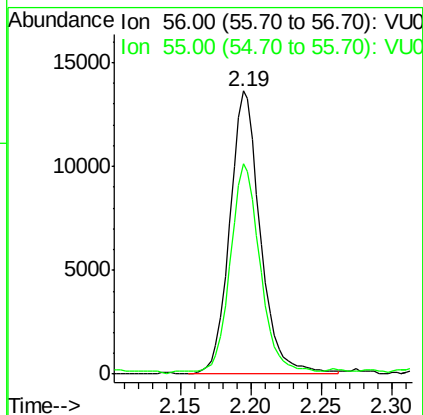
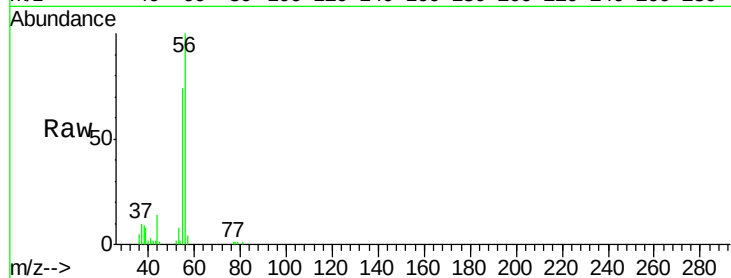
55 69.7 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.40 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

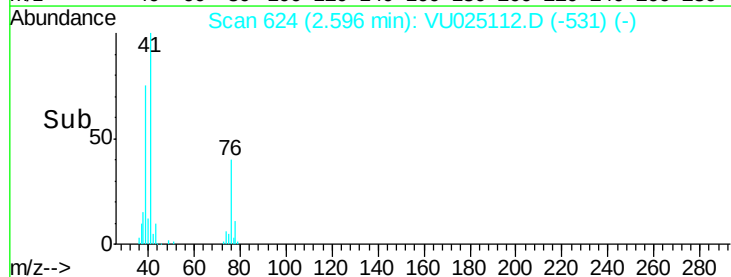
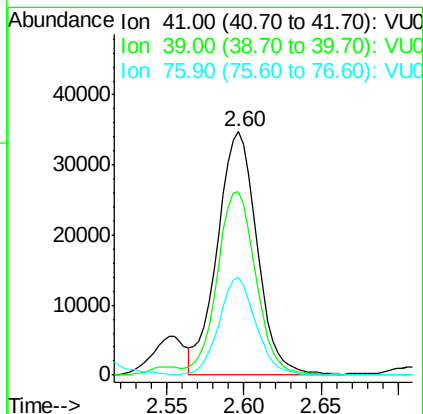
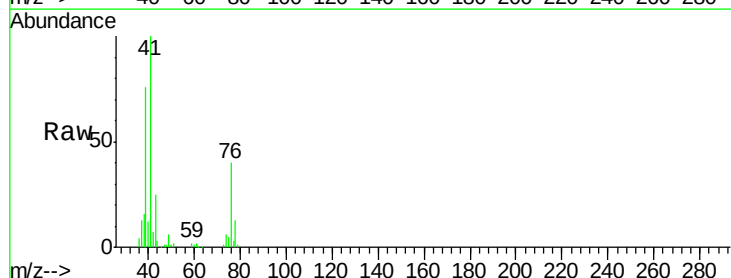
Tgt Ion: 41 Resp: 61329

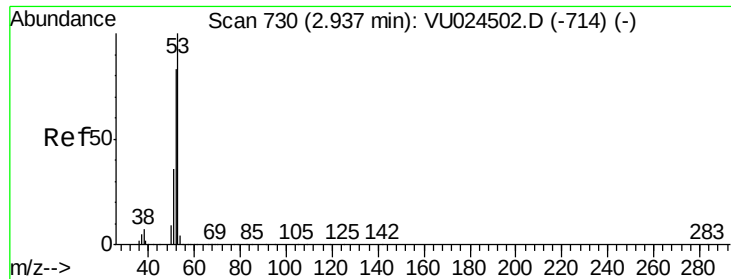
Ion Ratio Lower Upper

41 100

39 73.4 61.6 92.4

76 37.6 29.7 44.5





#15

Acrylonitrile

Concen: 102.33 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

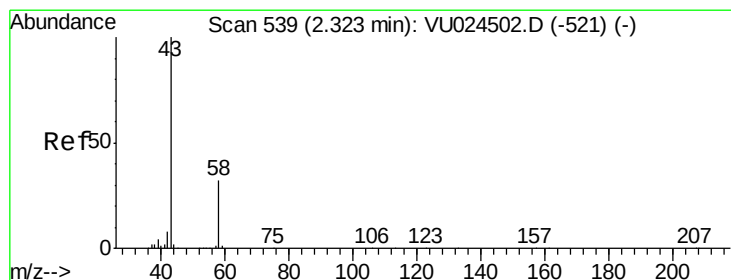
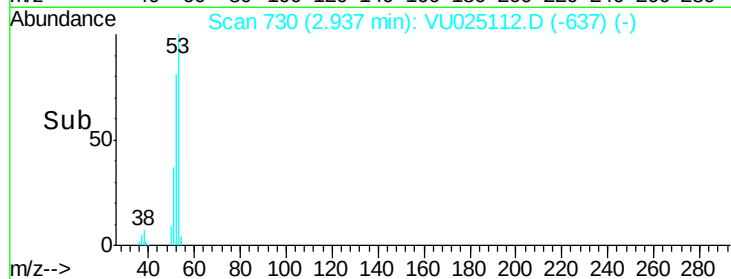
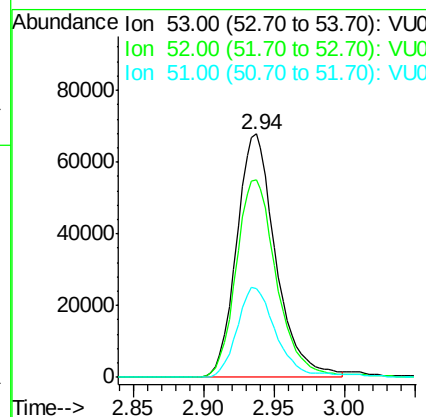
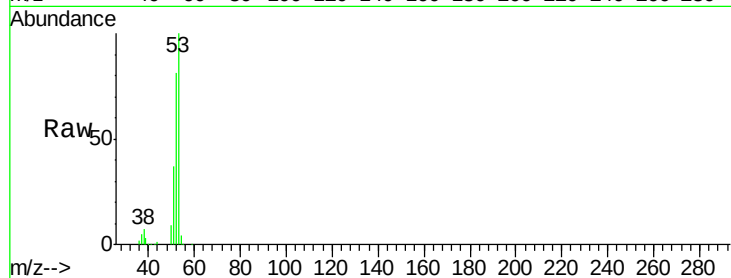
ClientSampleId :

VU0630WBSD02

Tot Ion:	53	Resp:	131768
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.1	100.7
51	37.6	28.4	42.6

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#16

Acetone

Concen: 89.66 ug/l

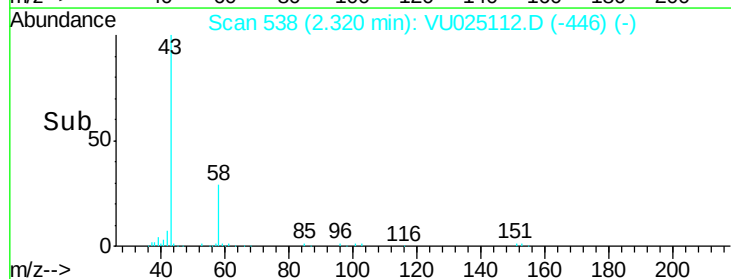
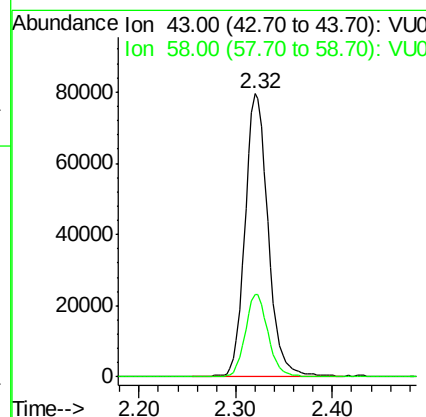
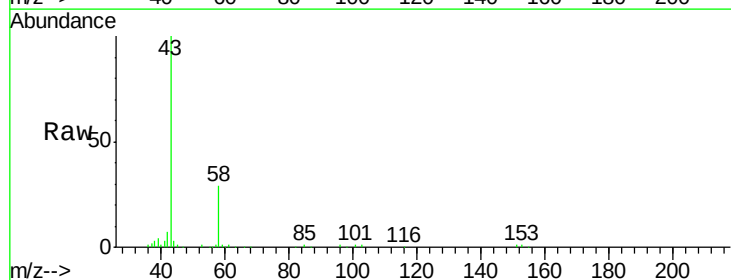
RT: 2.32 min Scan# 538

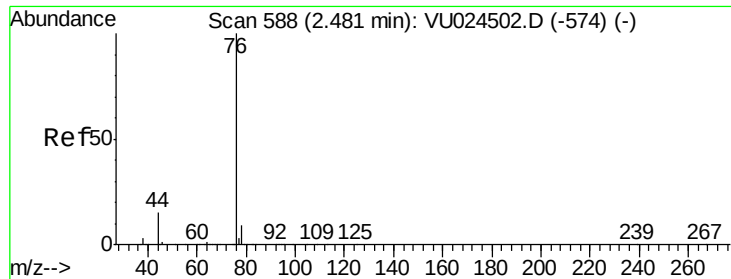
Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion:	43	Resp:	131096
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.4	36.6





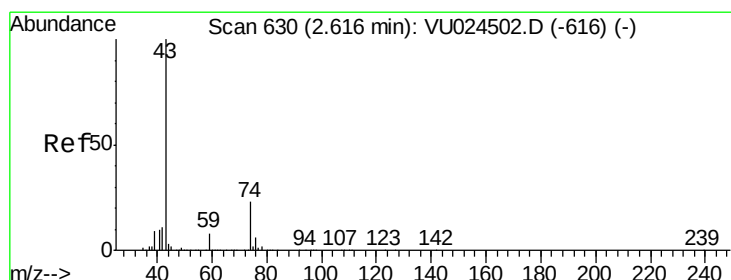
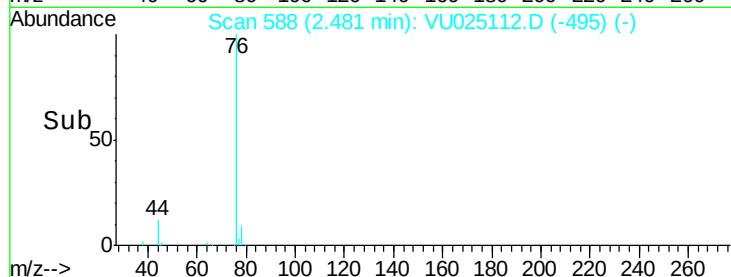
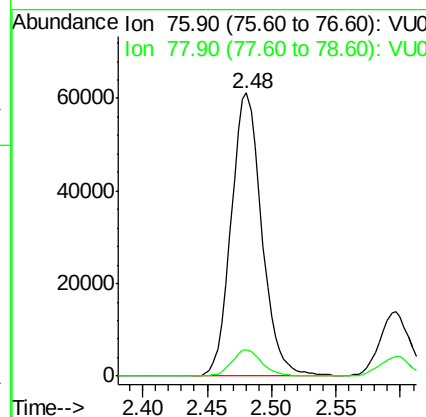
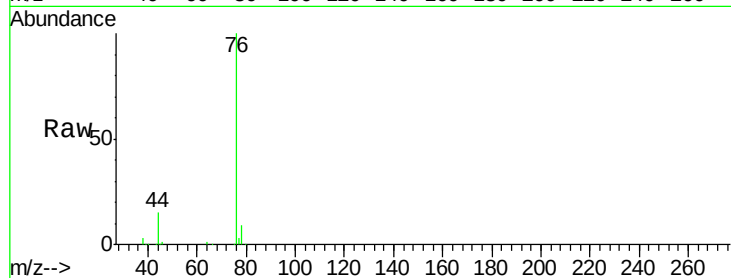
#17
Carbon Disulfide
Concen: 16.63 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

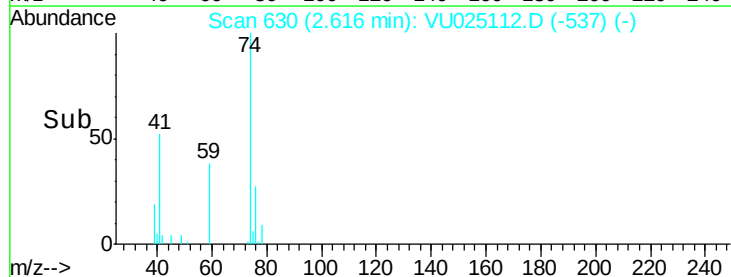
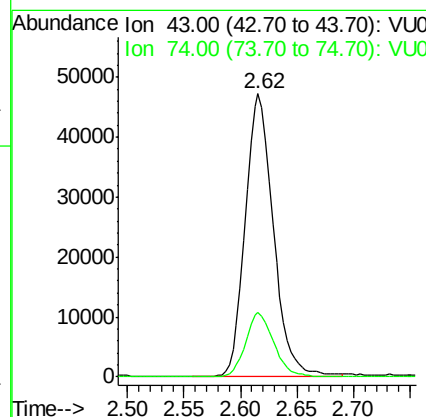
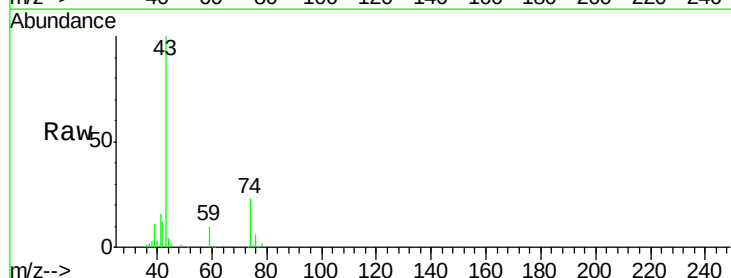
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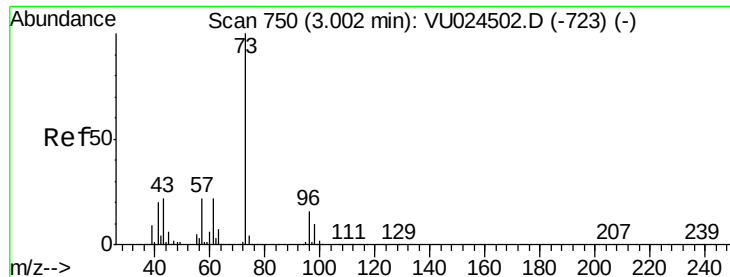
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#18
Methyl Acetate
Concen: 26.20 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.0	27.0





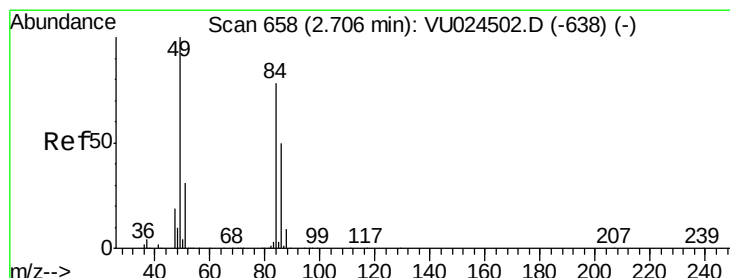
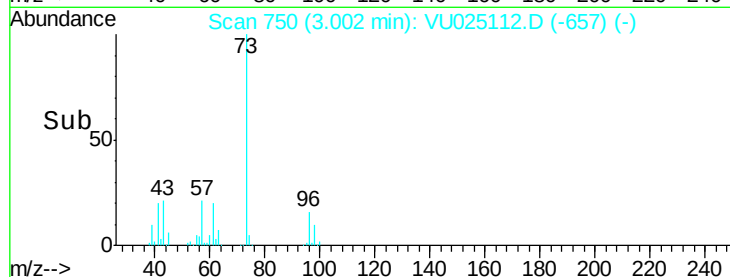
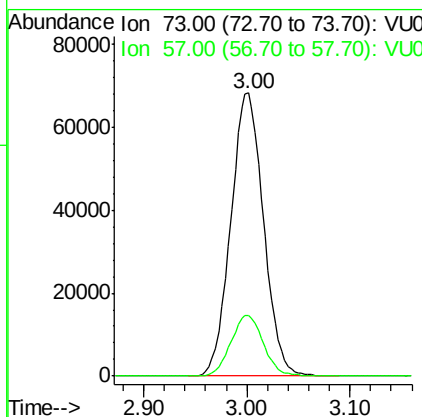
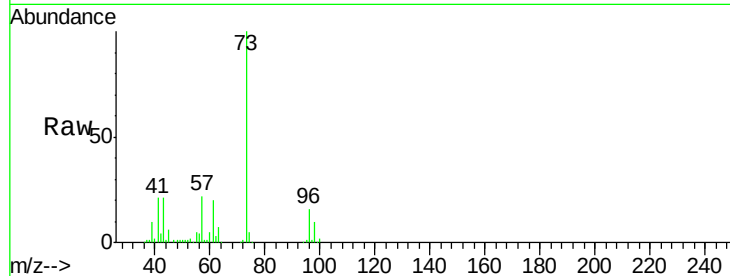
#19
Methyl tert-butyl Ether
Concen: 21.14 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.8	28.2

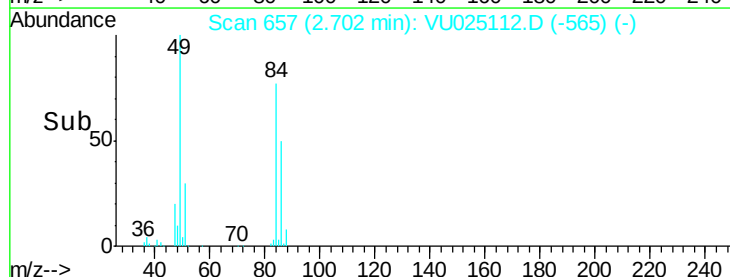
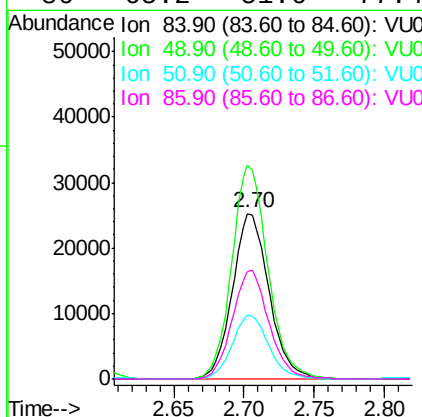
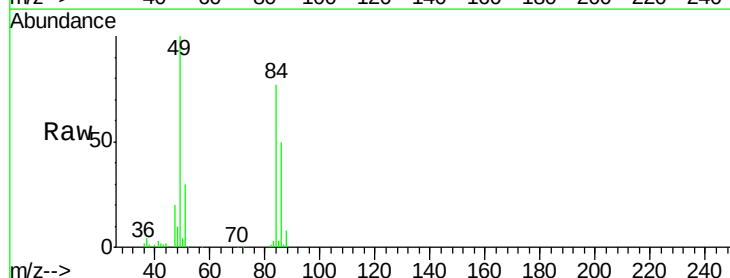
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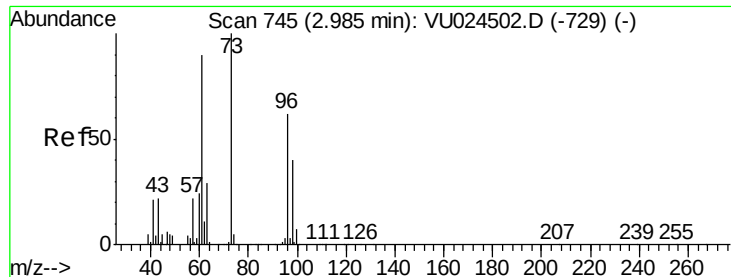
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#20
Methylene Chloride
Concen: 20.00 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.1	103.8	155.8
51	38.6	32.0	48.0
86	65.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.79 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

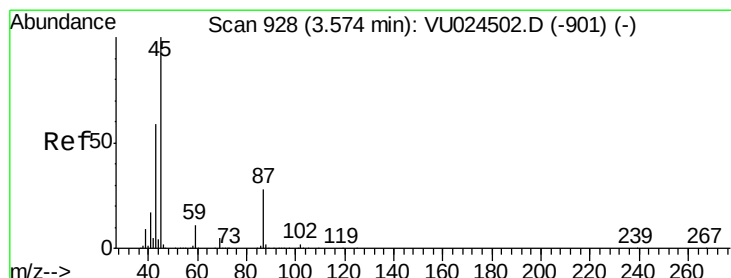
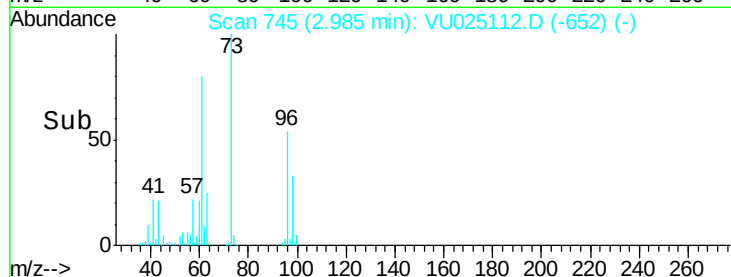
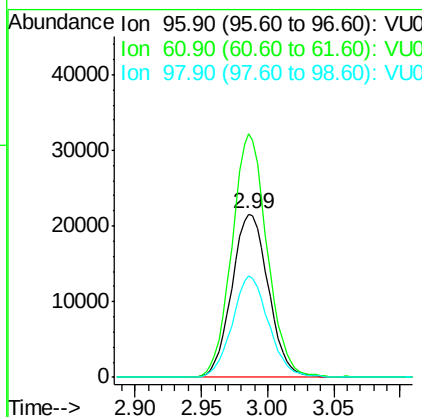
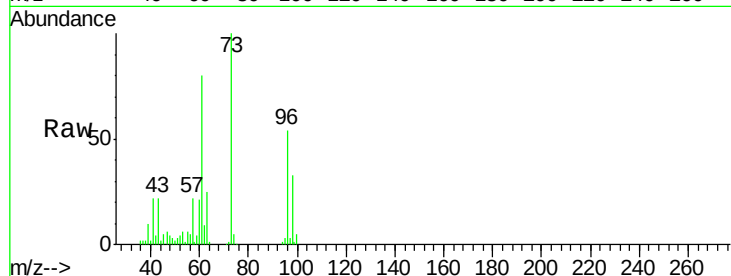
ClientSampleId :

VU0630WBSD02

Tot Ion:	96	Resp:	41369
Ion	Ratio	Lower	Upper
96	100		
61	148.9	119.4	179.0
98	61.8	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.50 ug/l

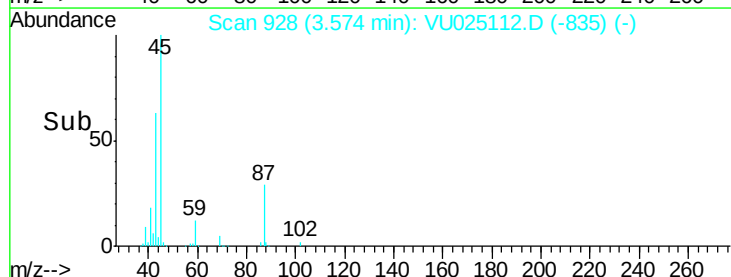
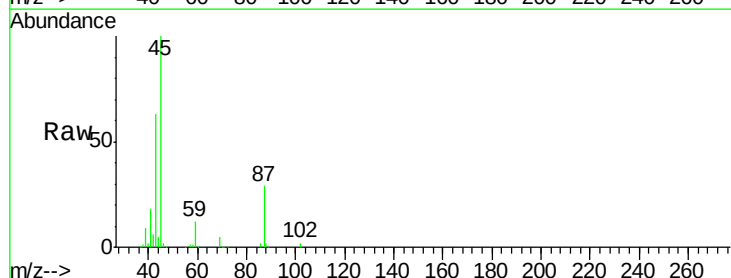
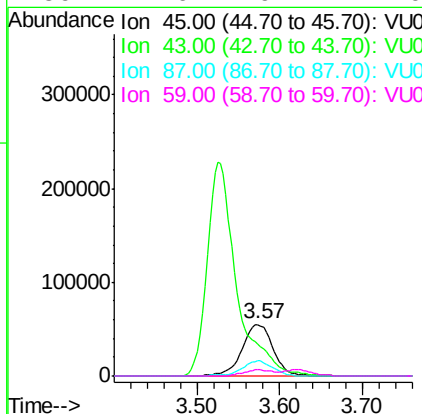
RT: 3.57 min Scan# 928

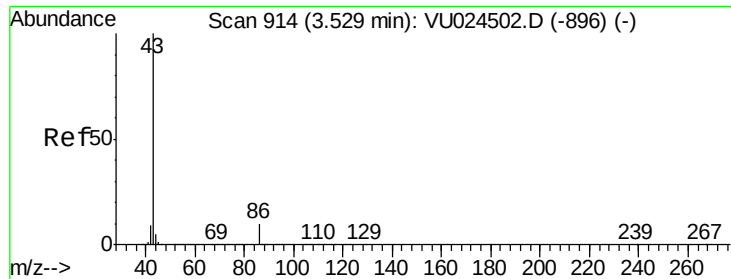
Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion:	45	Resp:	143192
Ion	Ratio	Lower	Upper
45	100		
43	62.2	45.8	68.6
87	29.4	20.6	31.0
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 90.50 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion: 43 Resp: 566365

Ion Ratio Lower Upper

43 100

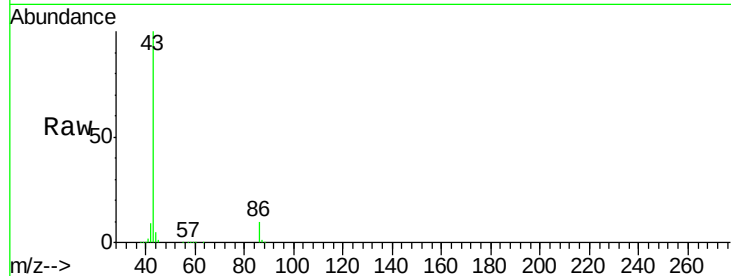
86 10.2 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

250000

200000

150000

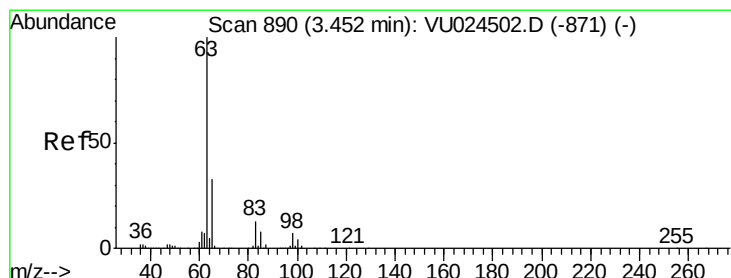
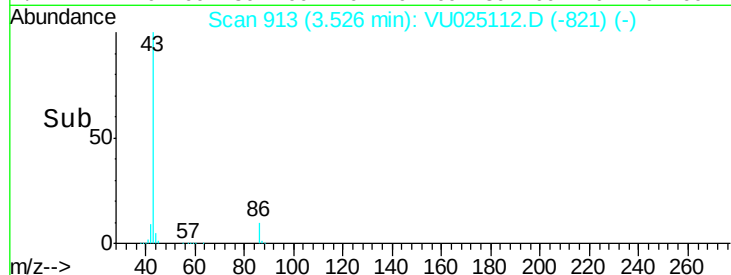
100000

50000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 20.26 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

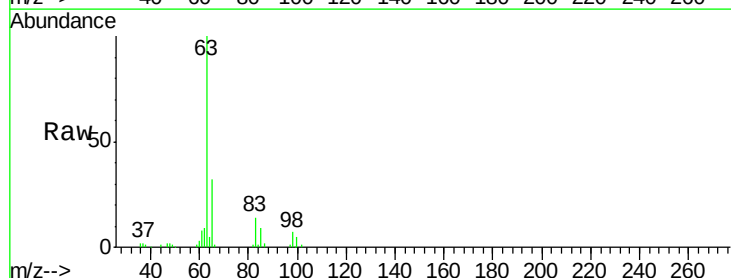
Tgt Ion: 63 Resp: 81405

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 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

50000

40000

30000

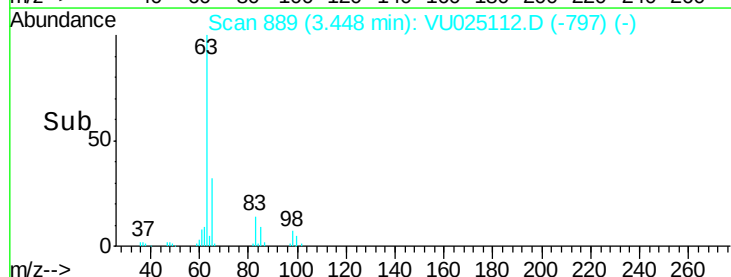
20000

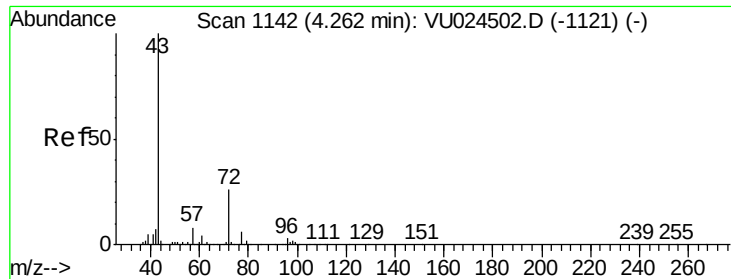
10000

0

3.40 3.50

Time-->





#25

2-Butanone

Concen: 98.39 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tot Ion: 43 Resp: 193238

Ion Ratio Lower Upper

43 100

72 26.8 19.6 29.4

Instrument :

MSVOA_U

ClientSampleId :

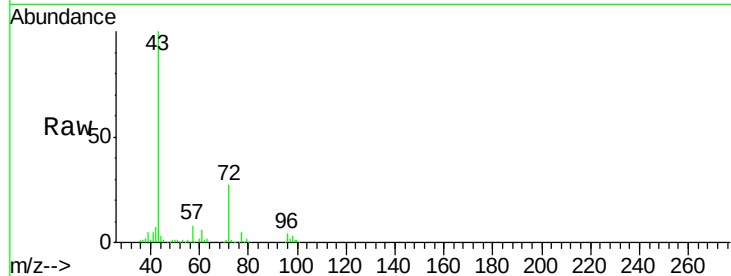
VU0630WBSD02

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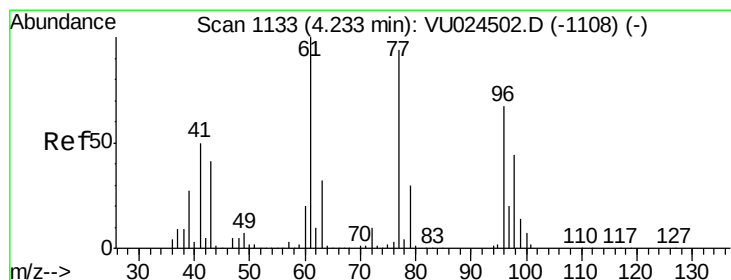
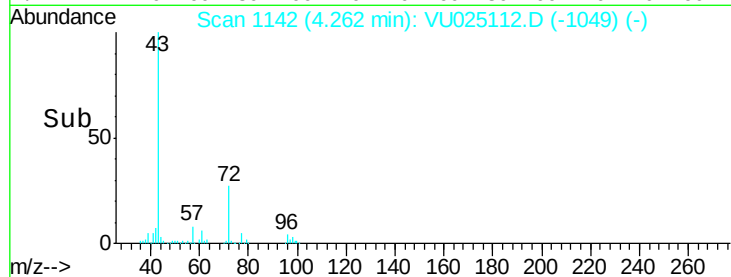
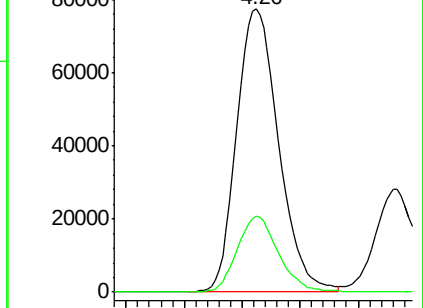
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 12.33 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025112.D

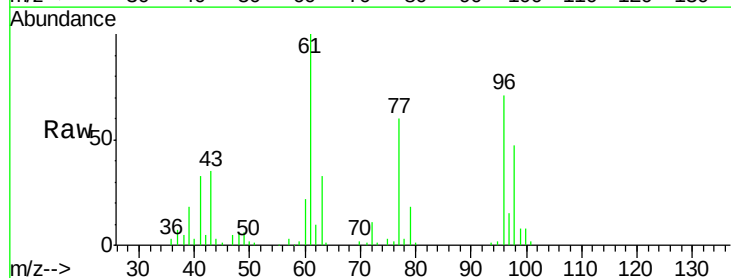
Acq: 01 Jul 2018 01:41

Tgt Ion: 77 Resp: 47045

Ion Ratio Lower Upper

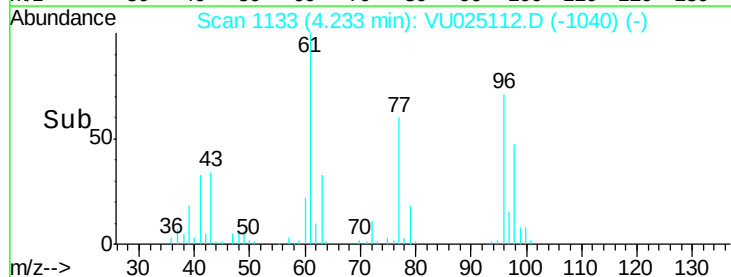
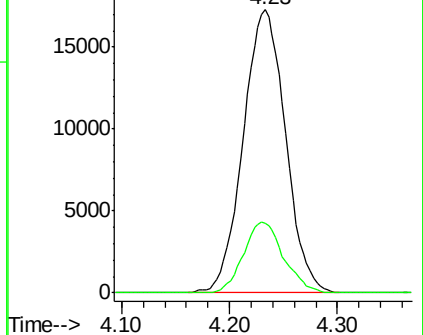
77 100

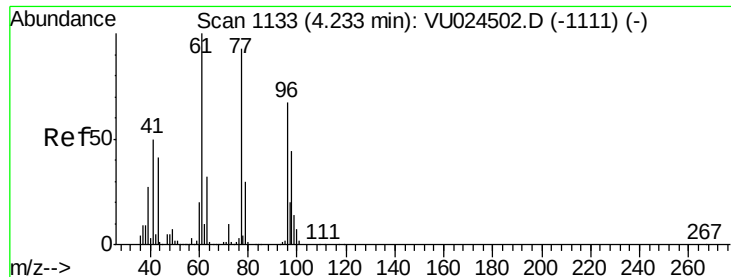
97 23.7 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 20.78 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

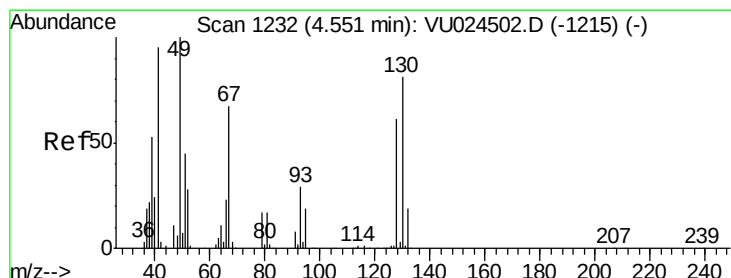
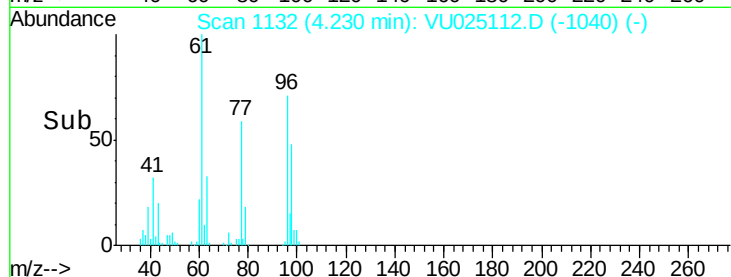
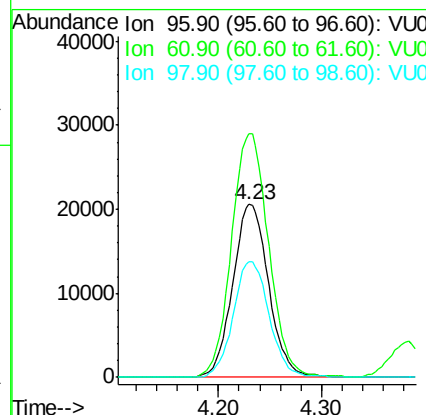
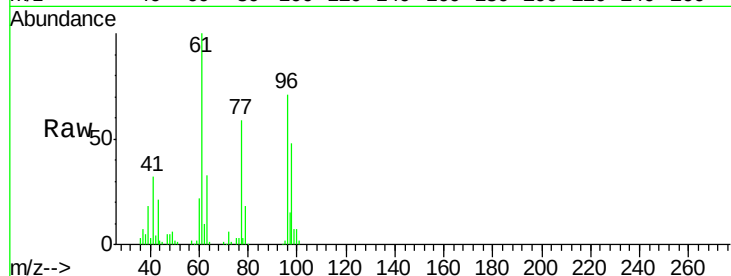
ClientSampleId :

VU0630WBSD02

Tot Ion:	96	Resp:	49938
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	306.6
98	66.7	0.0	128.8

Manual Integrations
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#28

Bromochloromethane

Concen: 19.35 ug/l

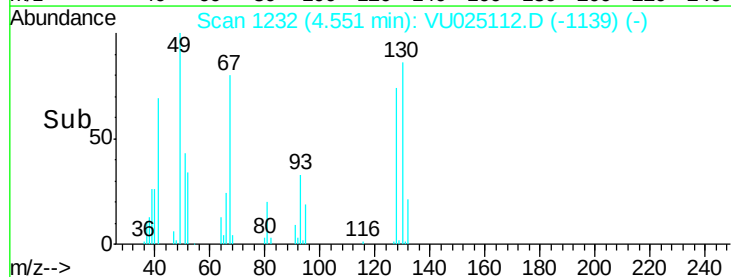
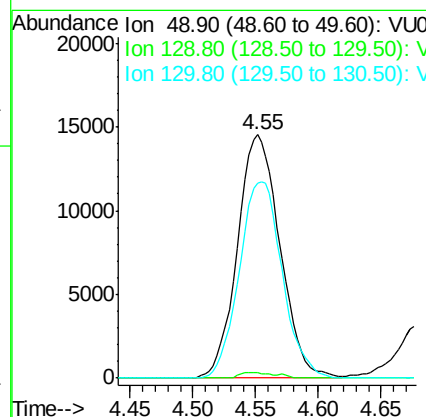
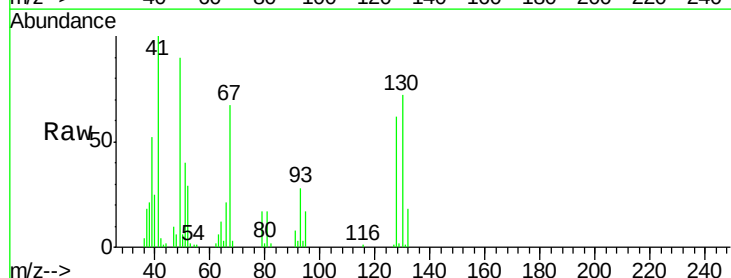
RT: 4.55 min Scan# 1232

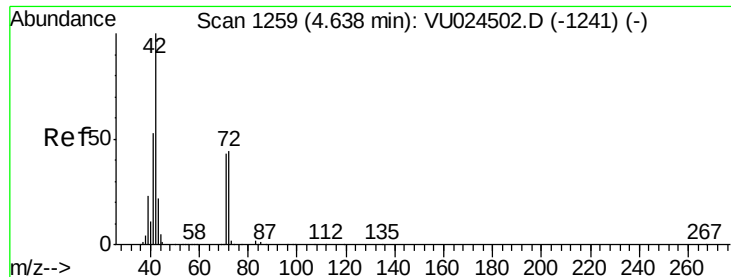
Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion:	49	Resp:	34256
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	81.3	57.8	86.6





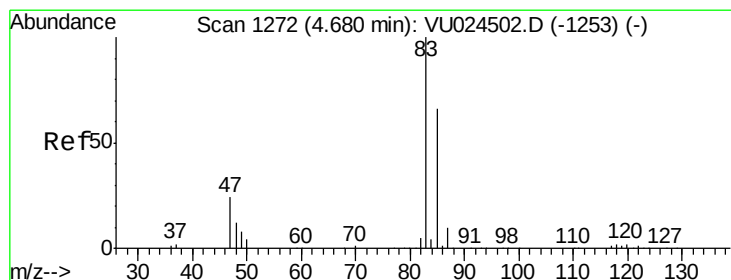
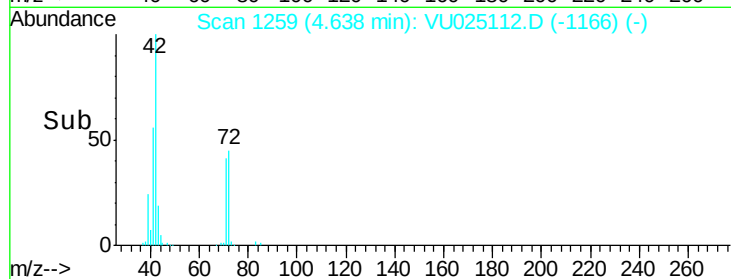
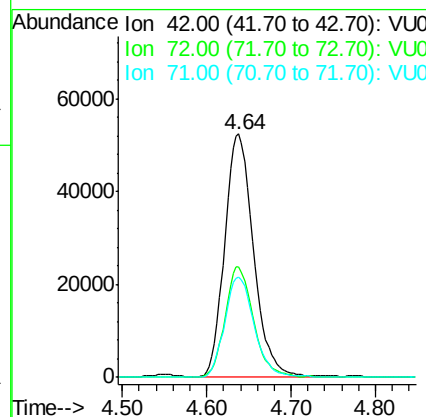
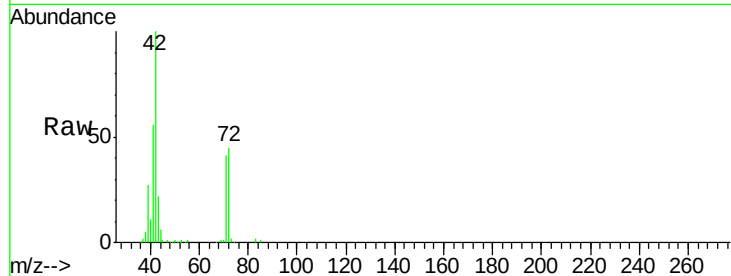
#29
Tetrahydrofuran
Concen: 102.16 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.5	51.7
71	42.2	32.2	48.4

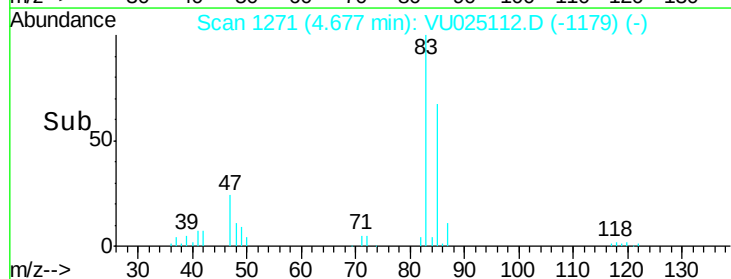
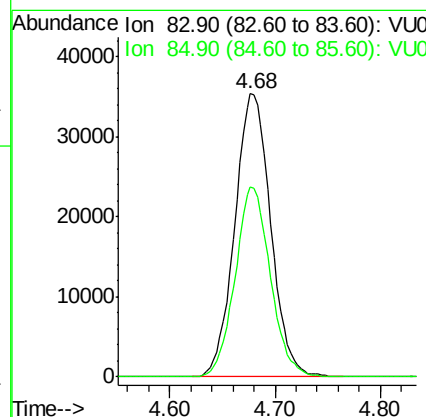
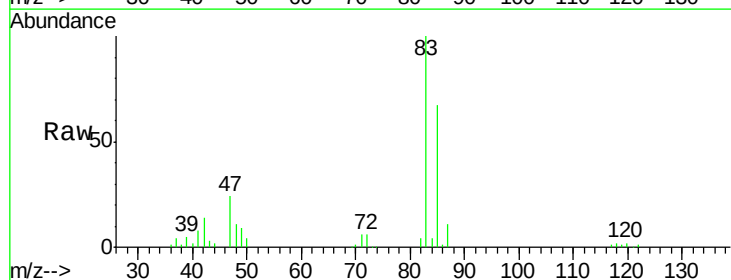
Manual Integrations
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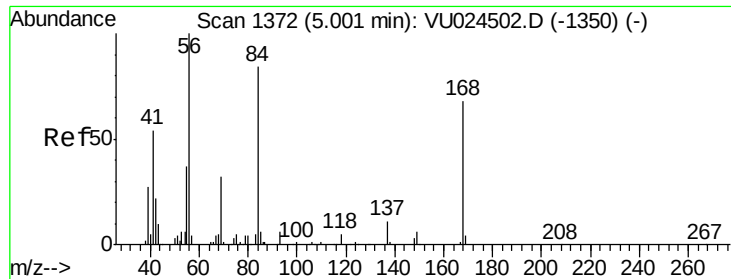
apatel
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#30
Chloroform
Concen: 20.54 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	52.4	78.6





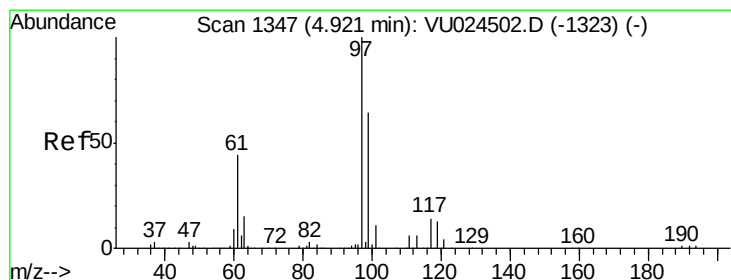
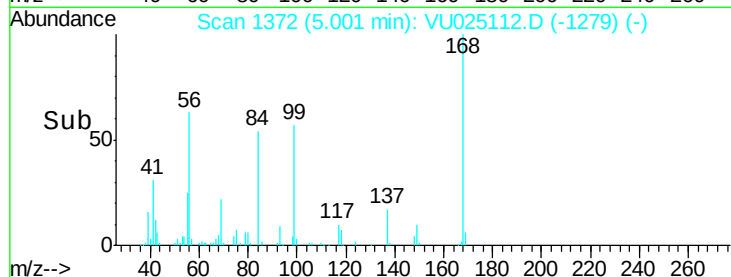
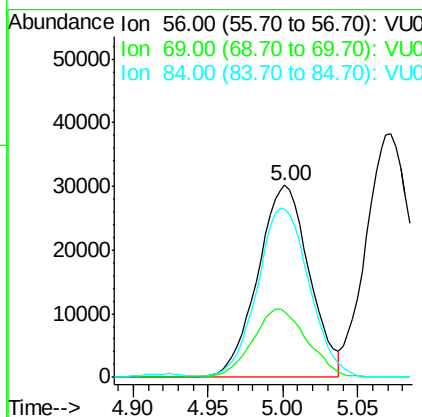
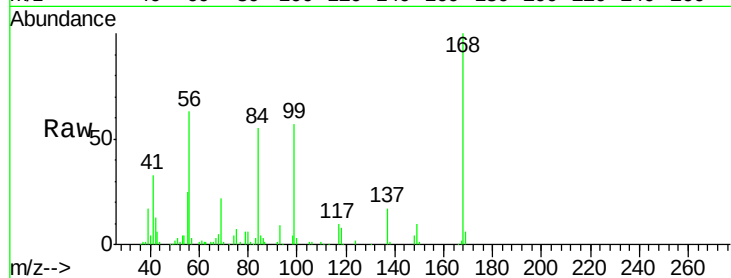
#31
Cyclohexane
Concen: 18.98 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampled :
VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	24.8	37.2
84	86.5	65.2	97.8

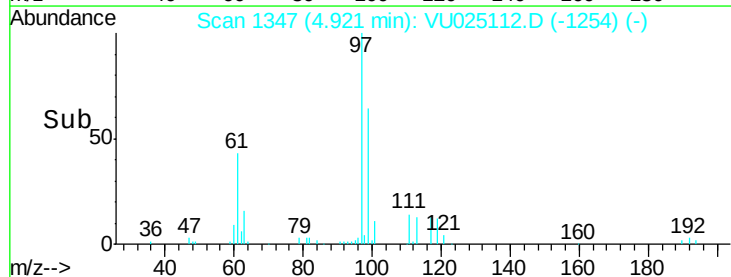
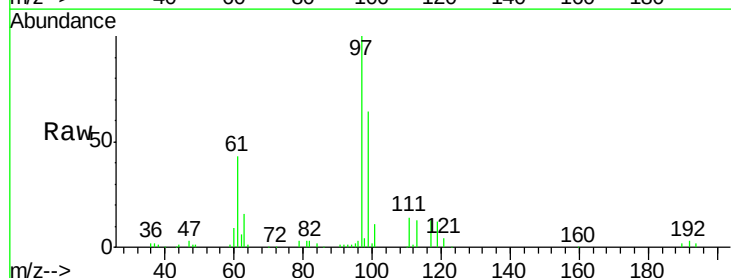
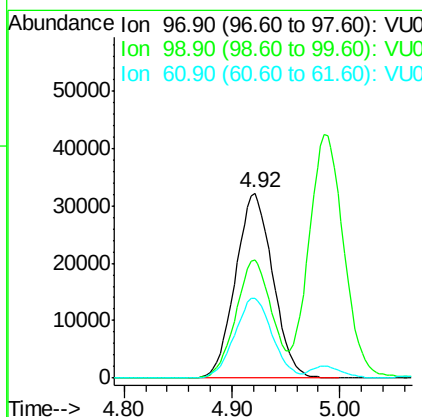
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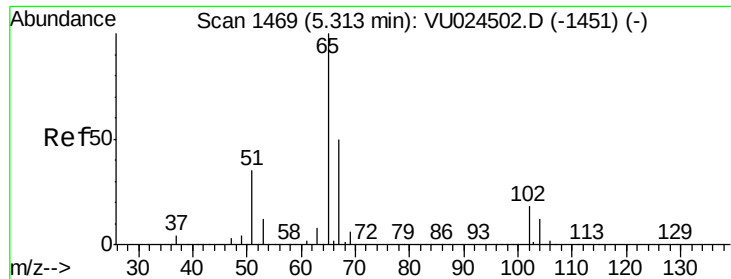
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.63 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.0	51.0	76.6
61	43.4	39.4	59.0





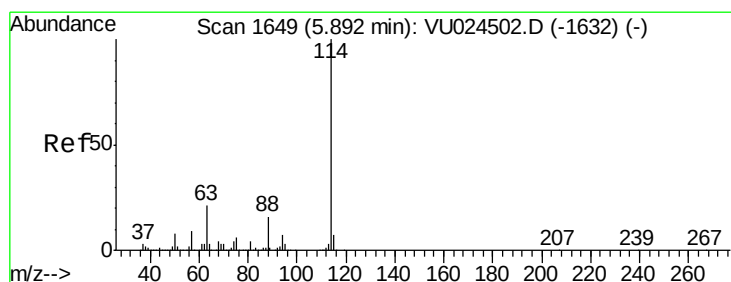
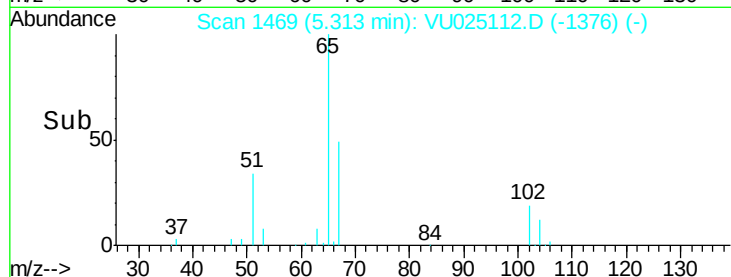
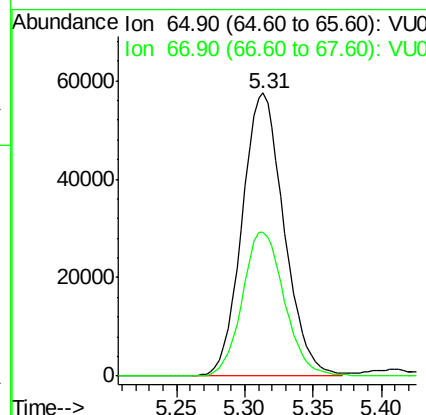
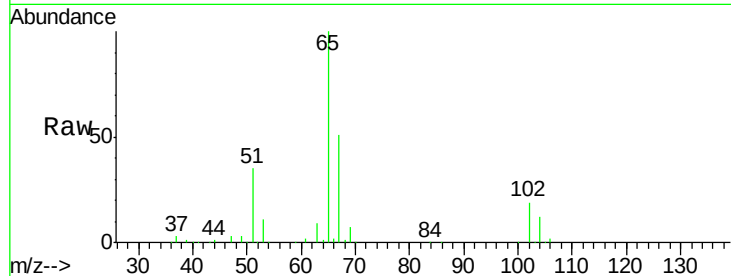
#33
 1,2-Dichloroethane-d4
 Concen: 45.05 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	122594		
67	51.3	0.0	107.0	

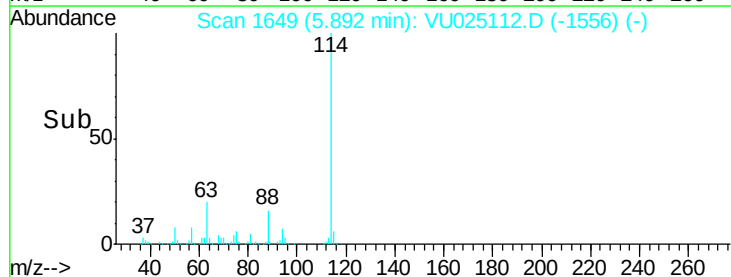
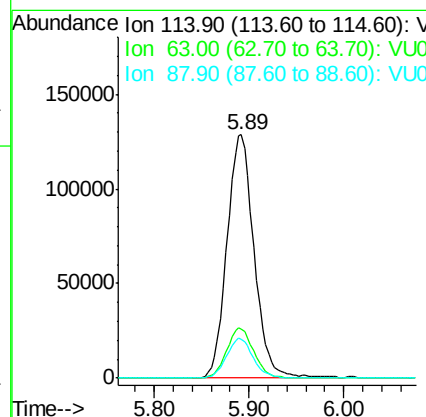
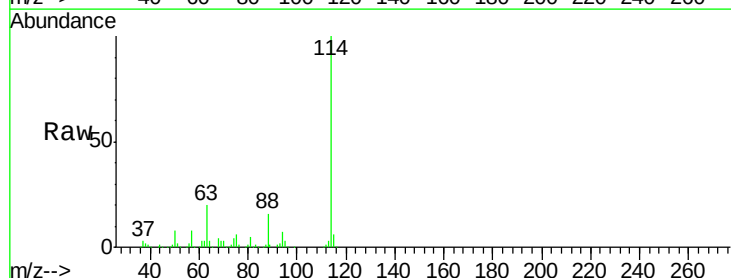
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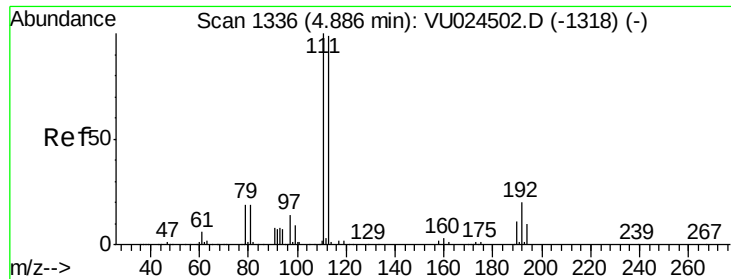
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	256698		
63	20.4	0.0	45.4	
88	16.1	0.0	31.0	





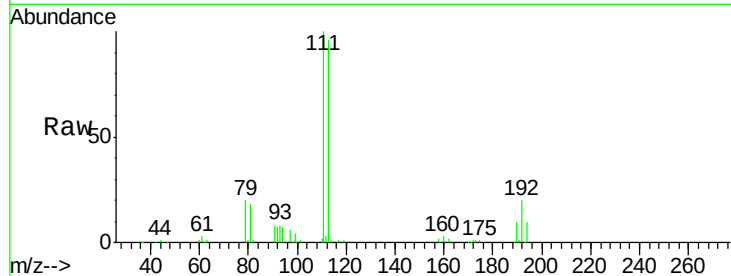
#35
 Dibromofluoromethane
 Concen: 46.82 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

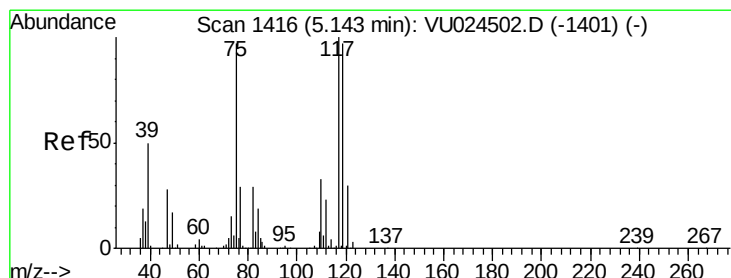
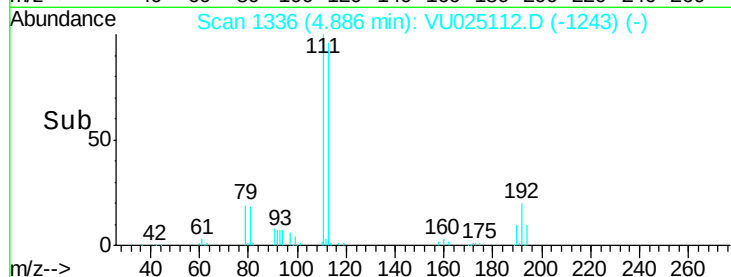
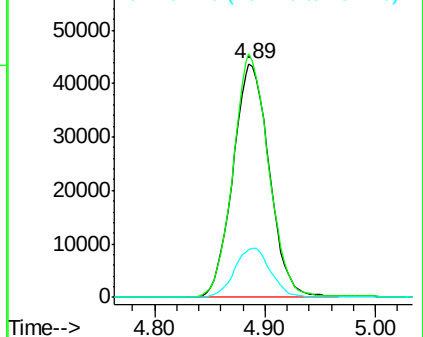
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	20.9	16.2	24.4

Manual Integrations
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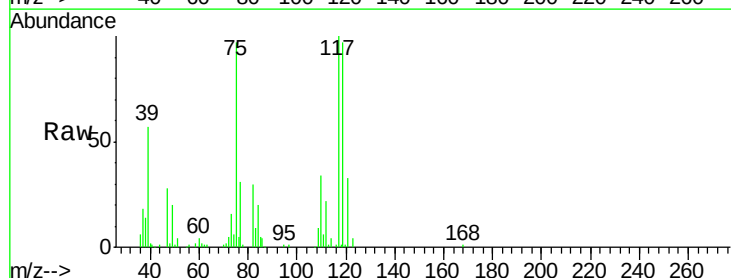


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

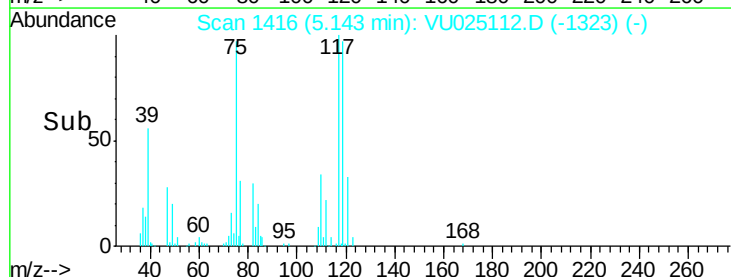
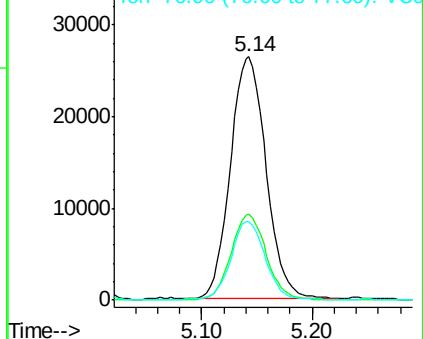


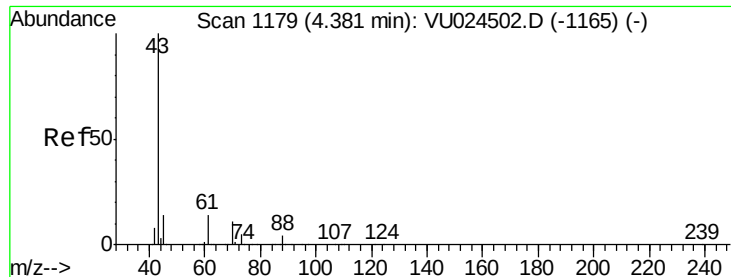
#36
 1,1-Dichloropropene
 Concen: 19.55 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.0	50.9
77	32.0	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





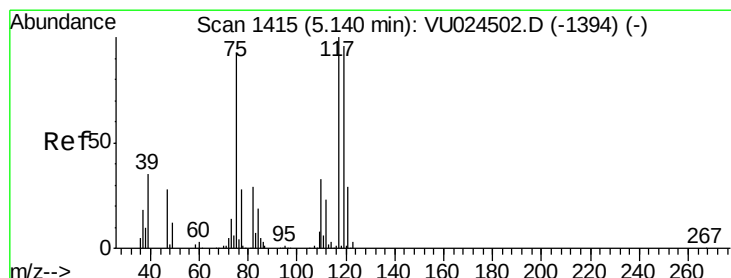
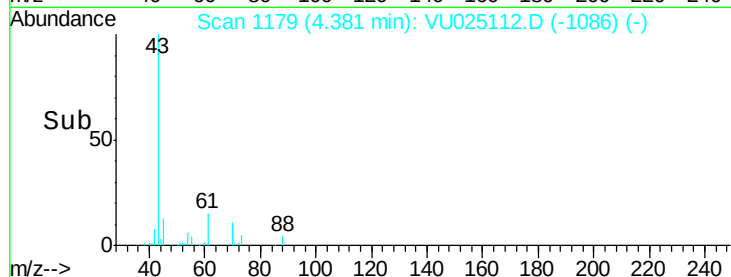
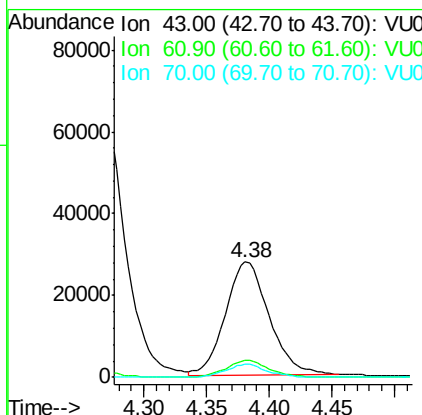
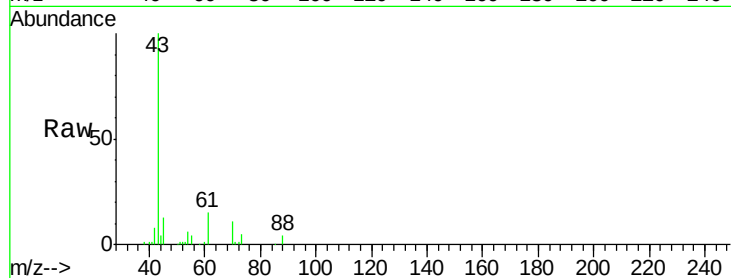
#37
Ethyl Acetate
Concen: 20.37 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.5	15.7
70	11.0	7.4	11.2

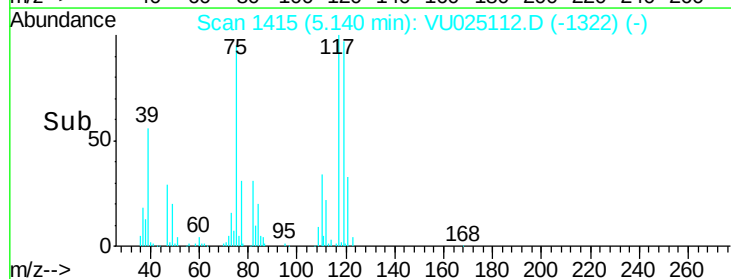
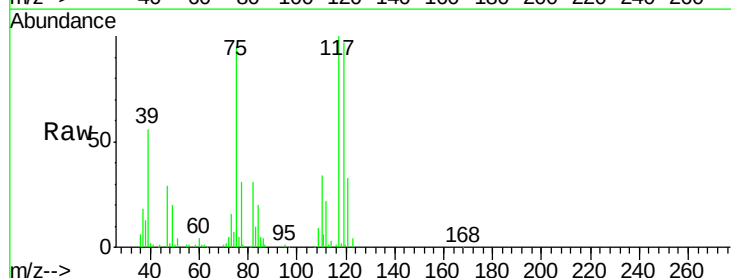
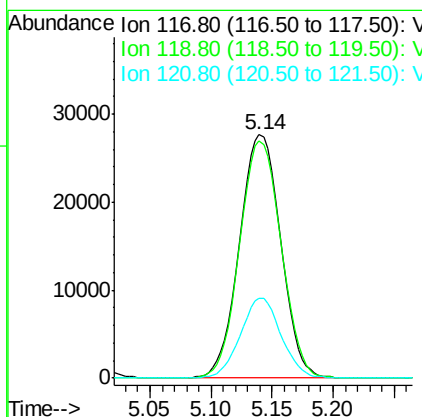
Manual Integrations
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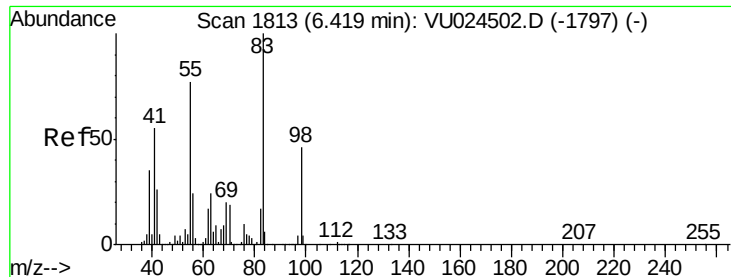
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#38
Carbon Tetrachloride
Concen: 19.55 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.1	114.1
121	33.0	23.7	35.5





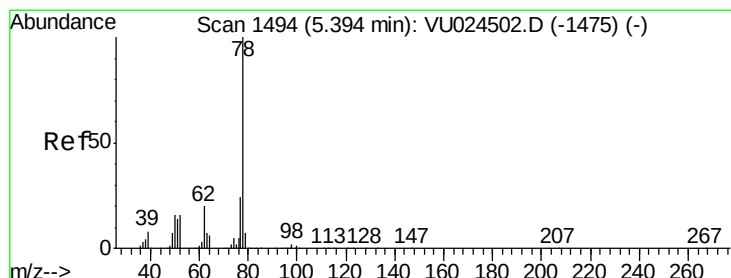
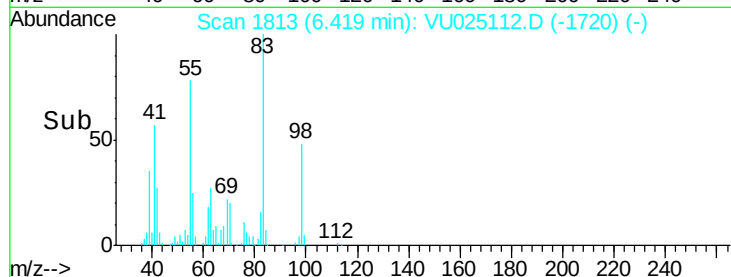
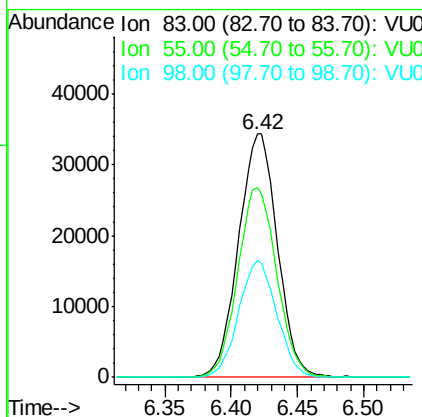
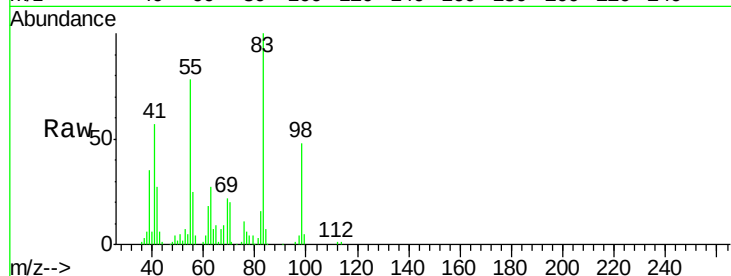
#39
Methylvlcyclohexane
Concen: 18.62 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	65.8	98.6
98	48.2	36.7	55.1

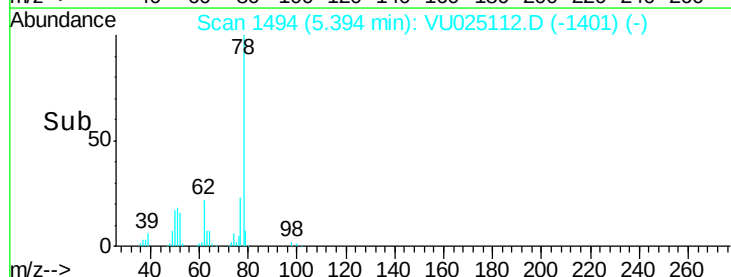
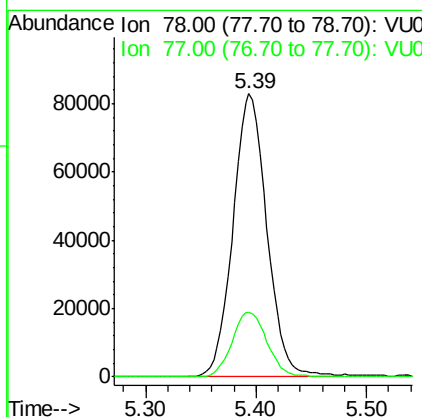
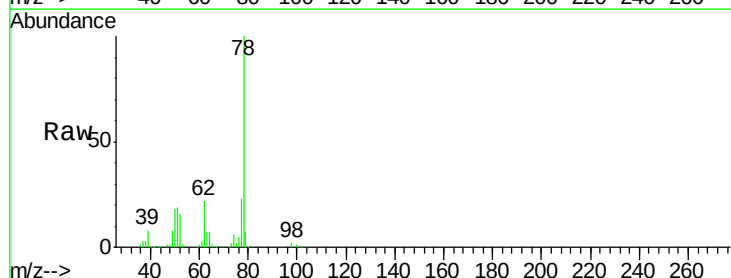
Manual Integrations
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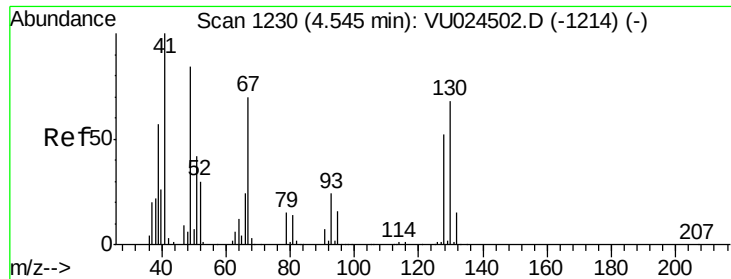
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#40
Benzene
Concen: 20.55 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





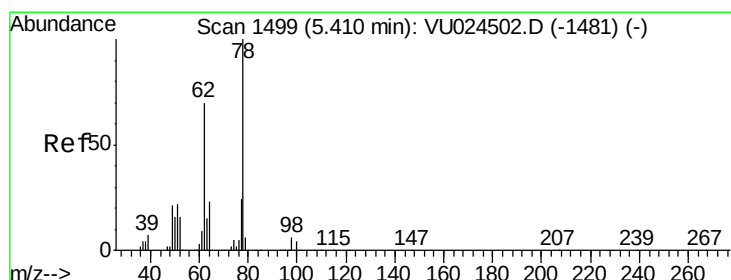
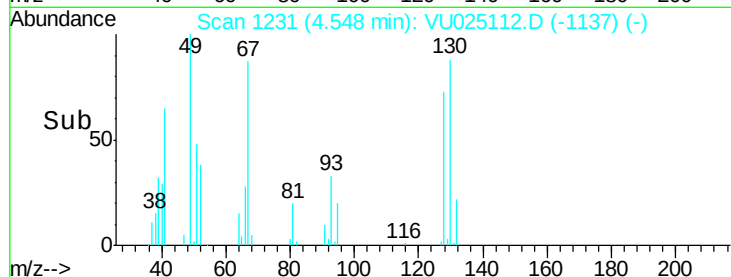
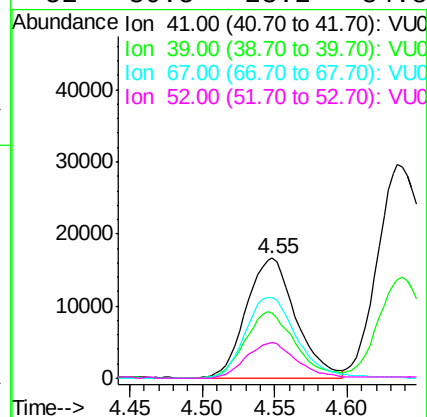
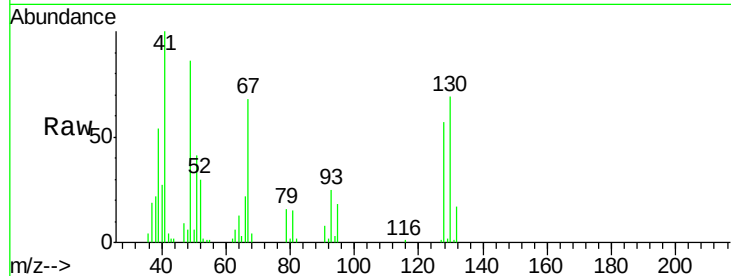
#41
Methacrylonitrile
Concen: 22.44 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
39770	41	100		
	39	56.3	43.8	65.6
	67	69.8	56.3	84.5
	52	30.5	23.2	34.8

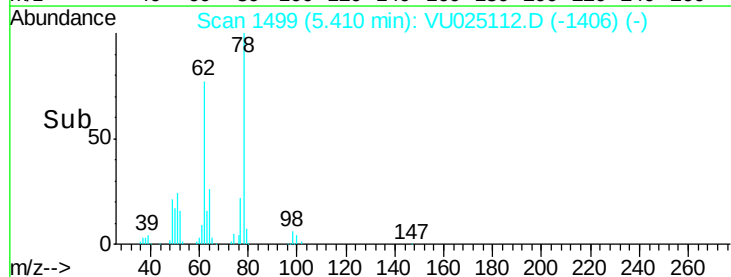
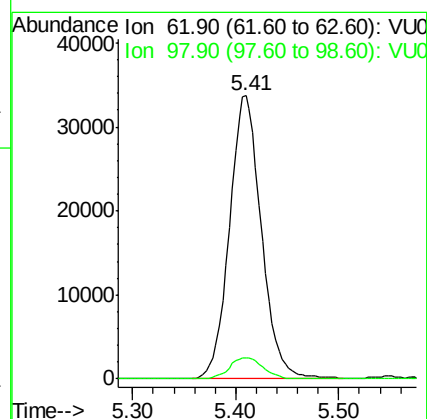
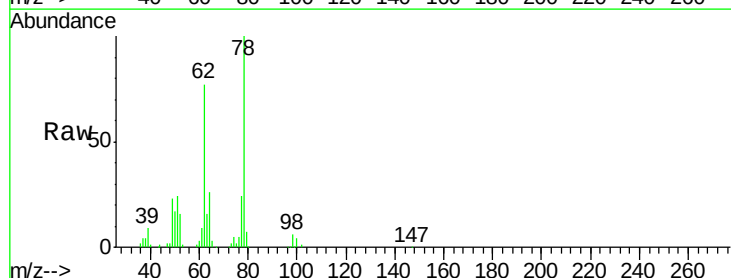
Manual Integrations
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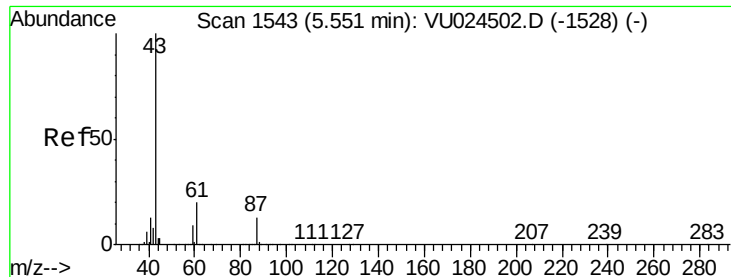
apatel
7/2/2018 4:16:38 PM



#42
1,2-Dichloroethane
Concen: 22.19 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ion	Ratio	Lower	Upper
72646	62	100		
	98	7.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.70 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

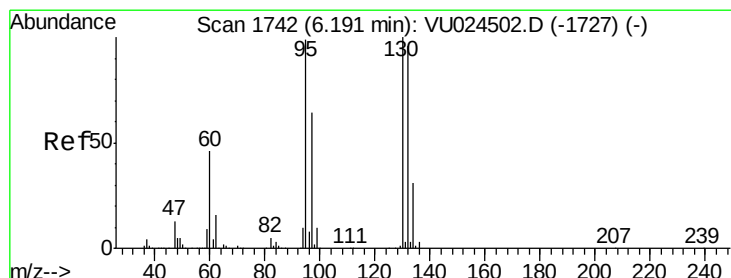
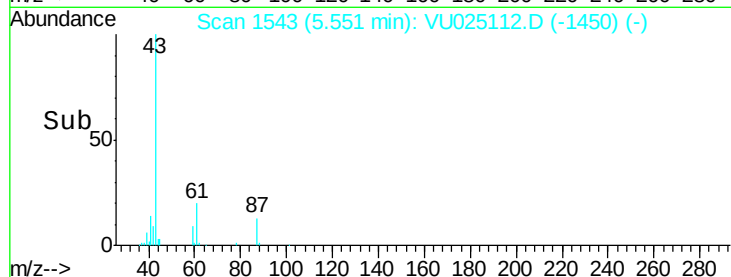
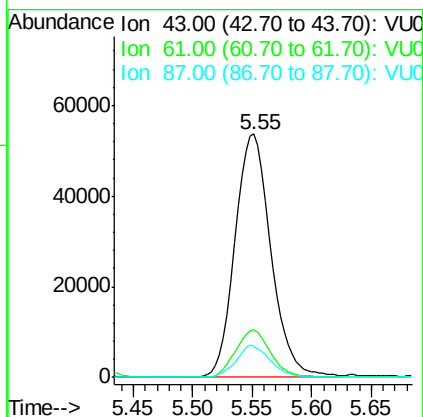
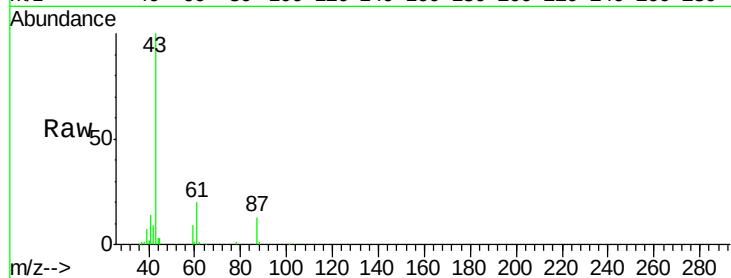
ClientSampleId :

VU0630WBSD02

Tot Ion:	43	Resp:	111942
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	12.6	10.0	15.0

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#44

Trichloroethene

Concen: 20.17 ug/l

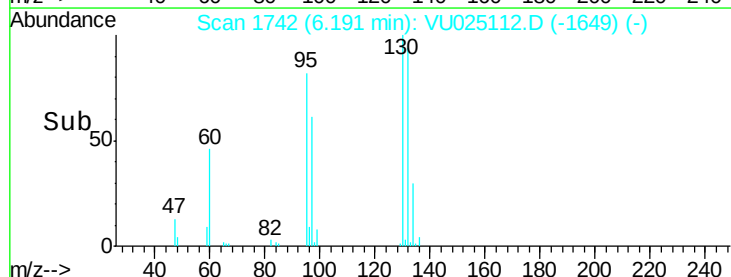
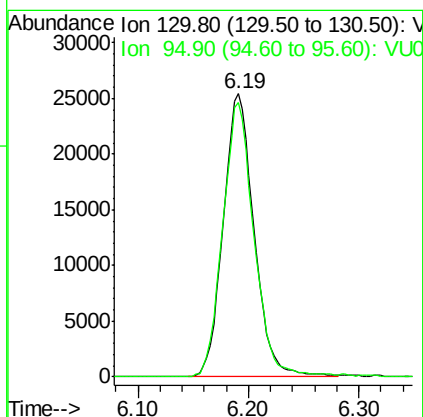
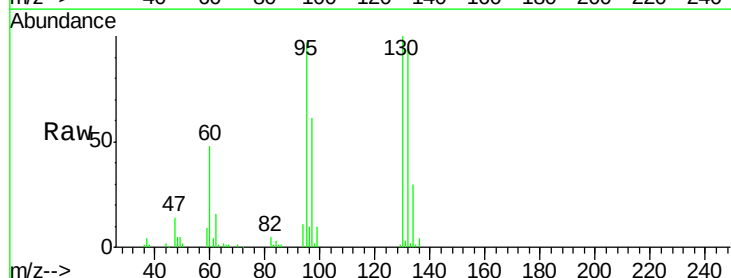
RT: 6.19 min Scan# 1742

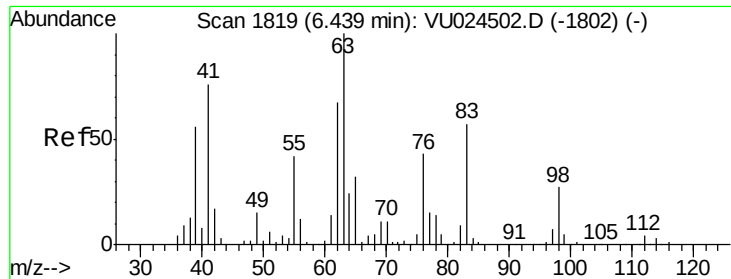
Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion:	130	Resp:	49327
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	202.4





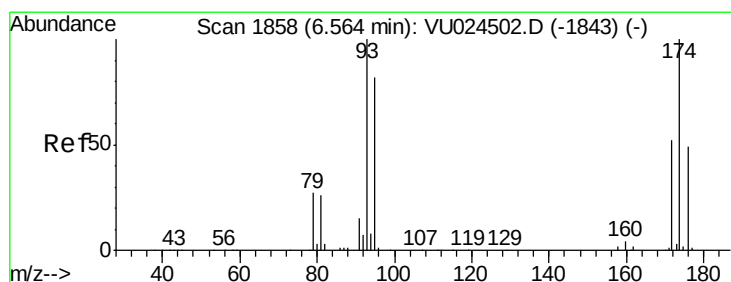
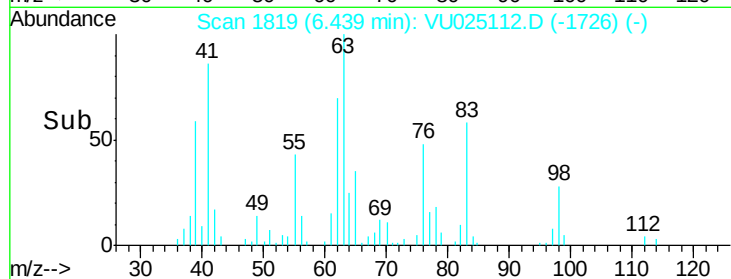
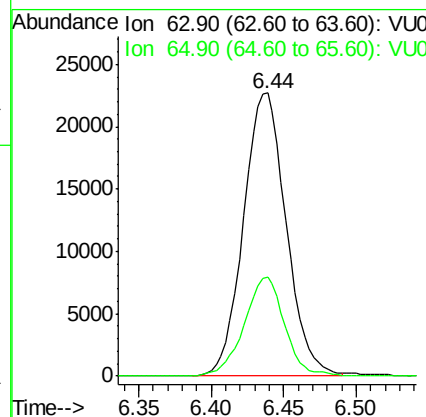
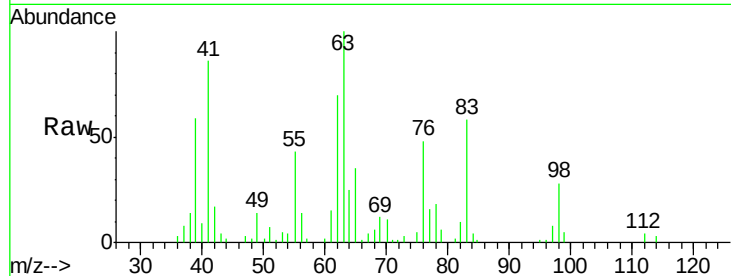
#45
 1,2-Dichloropropane
 Concen: 20.27 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Tot Ion: 63 Resp: 46488
 Ion Ratio Lower Upper
 63 100
 65 35.2 24.8 37.2

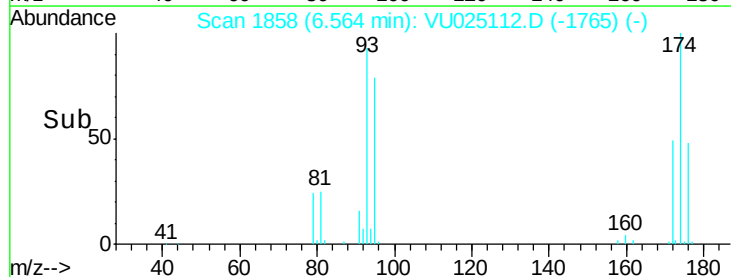
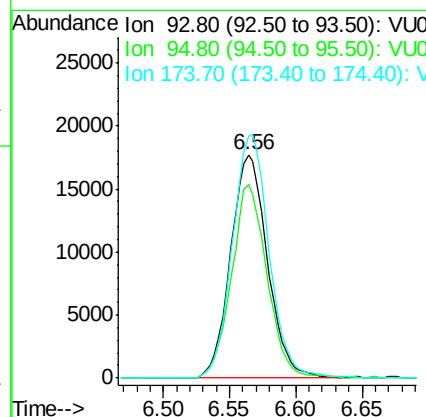
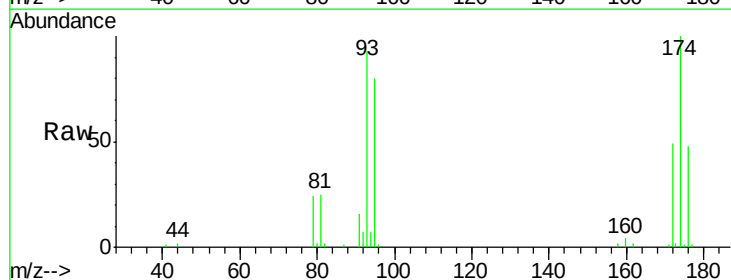
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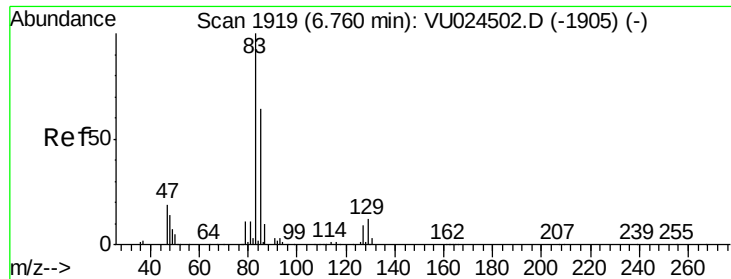
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#46
 Dibromomethane
 Concen: 21.24 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion: 93 Resp: 34217
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 108.2 78.7 118.1





#47

Bromodichloromethane

Concen: 19.82 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

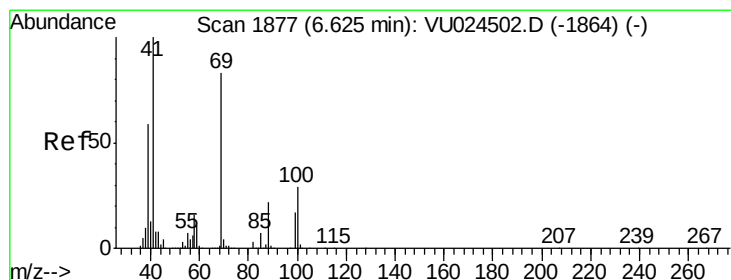
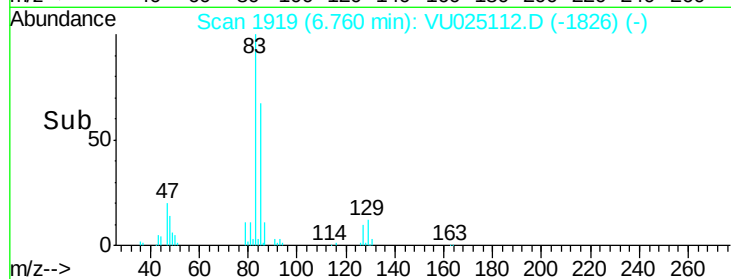
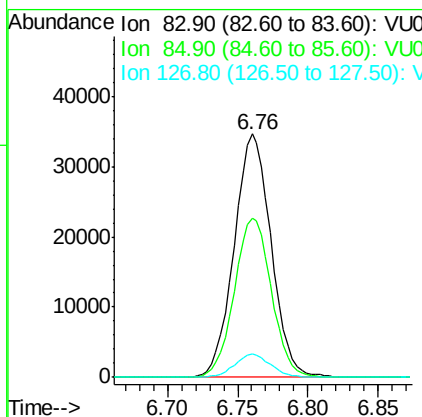
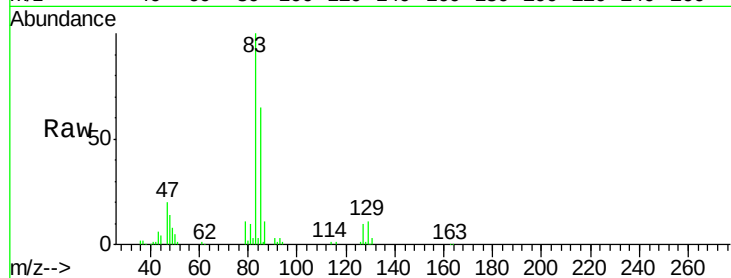
ClientSampleId :

VU0630WBSD02

Tot Ion:	83	Resp:	63592
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.9	77.9
127	9.7	6.6	9.8

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#48

Methyl methacrylate

Concen: 21.54 ug/l

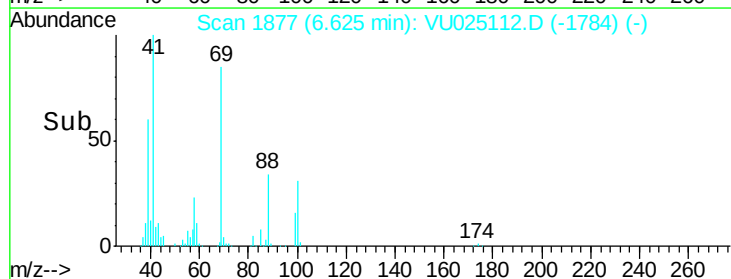
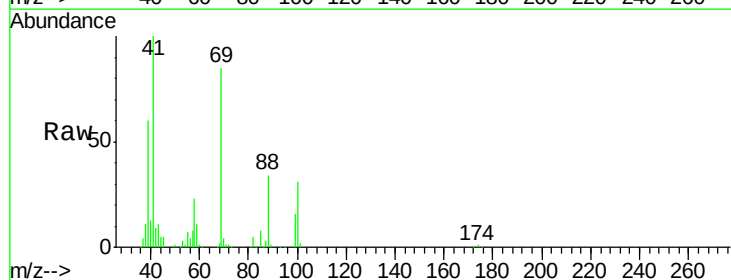
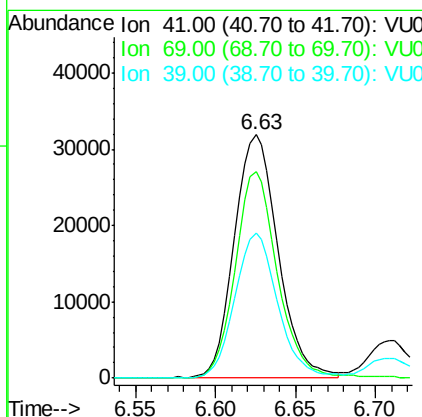
RT: 6.63 min Scan# 1877

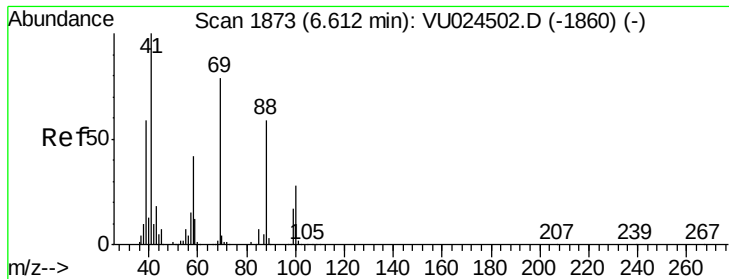
Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion:	41	Resp:	59616
Ion	Ratio	Lower	Upper
41	100		
69	82.0	67.3	100.9
39	58.5	46.5	69.7





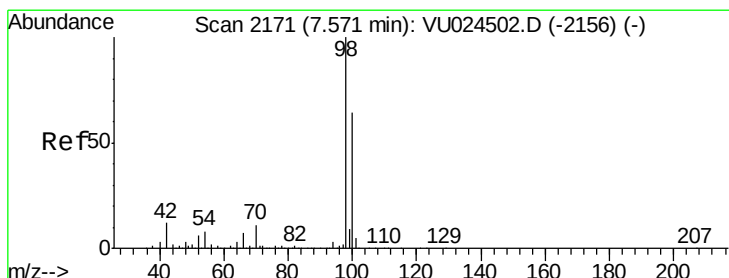
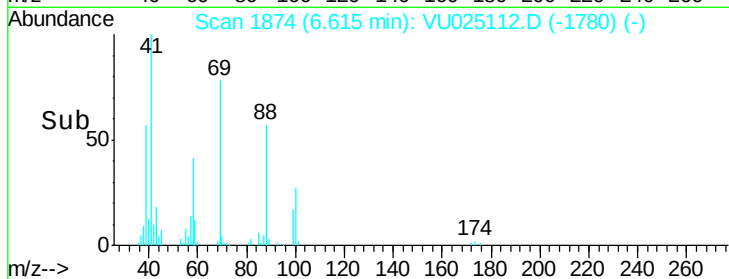
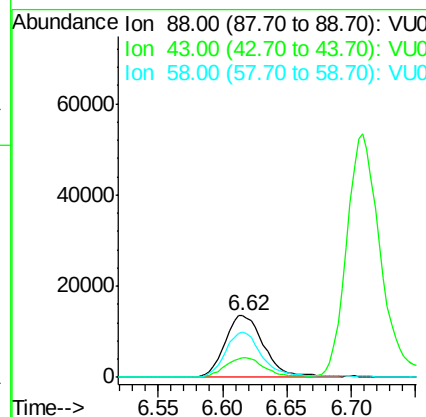
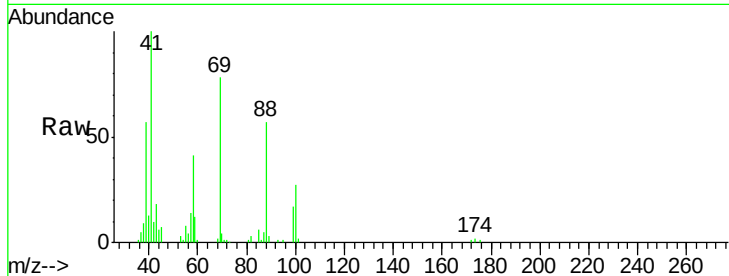
#49
 1,4-Dioxane
 Concen: 527.62 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampled :
 VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	28.6	42.8
58	69.3	58.2	87.4

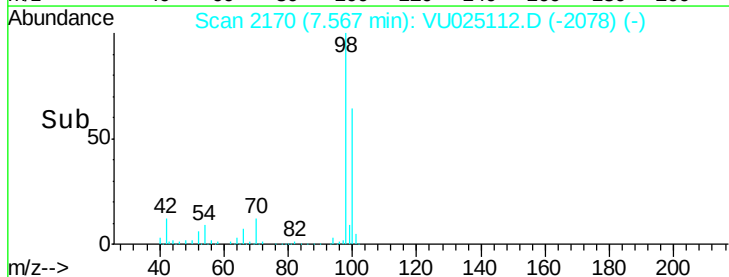
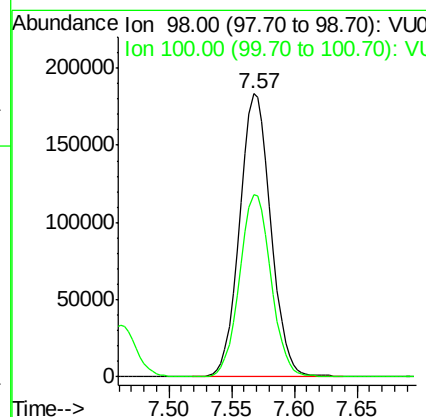
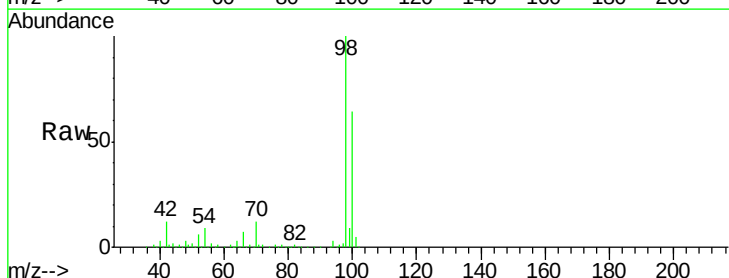
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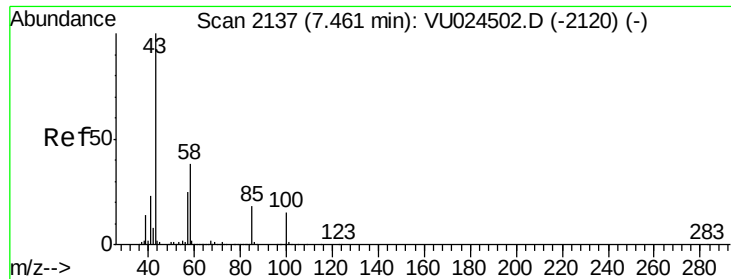
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#50
 Toluene-d8
 Concen: 40.83 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 104.57 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion: 43 Resp: 373352

Ion Ratio Lower Upper

43 100

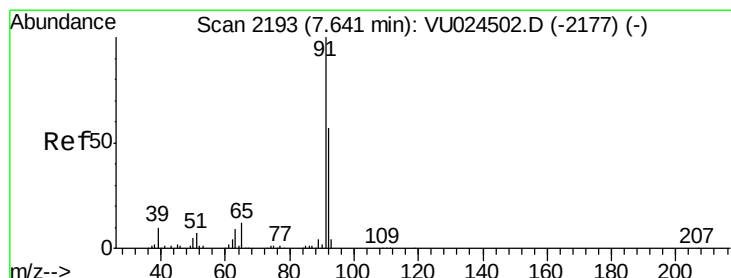
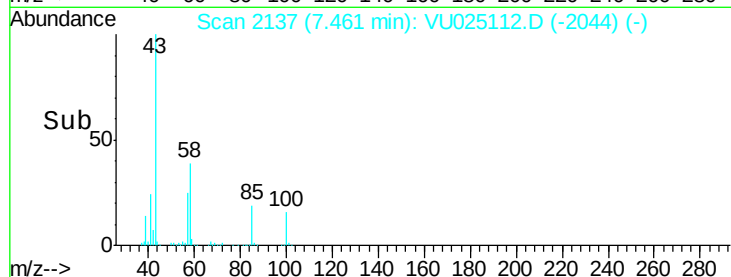
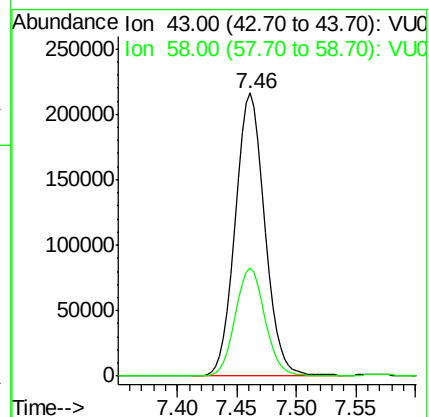
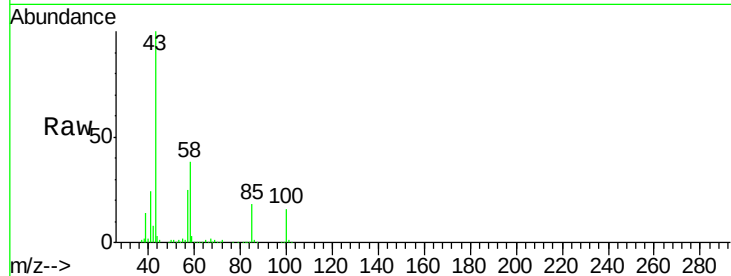
58 38.3 30.0 45.0

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#52

Toluene

Concen: 19.80 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025112.D

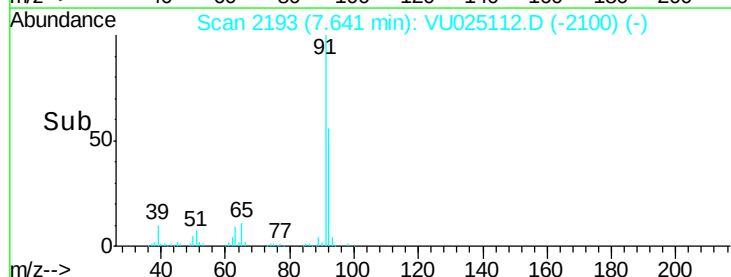
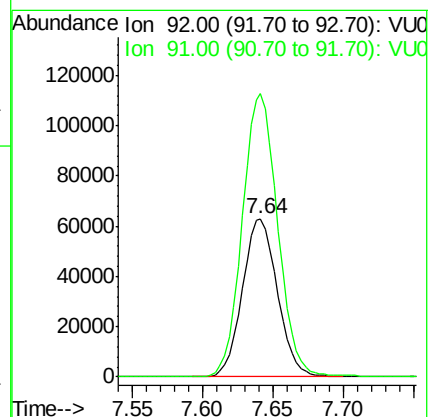
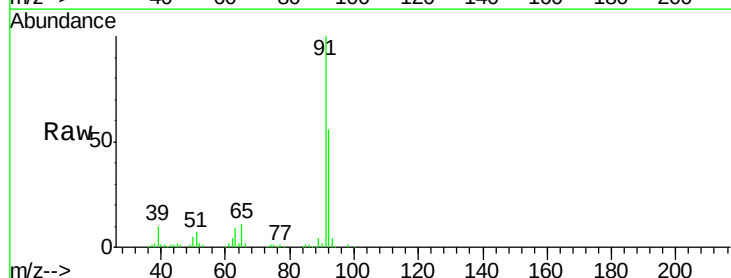
Acq: 01 Jul 2018 01:41

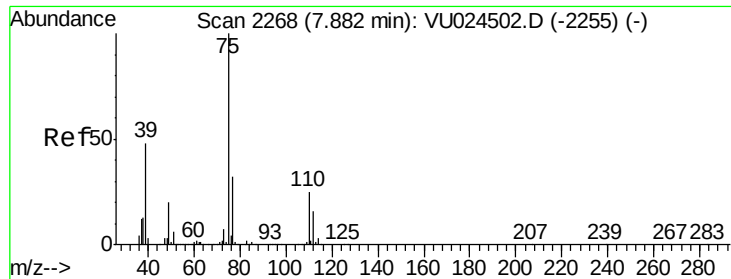
Tgt Ion: 92 Resp: 109506

Ion Ratio Lower Upper

92 100

91 181.2 140.5 210.7





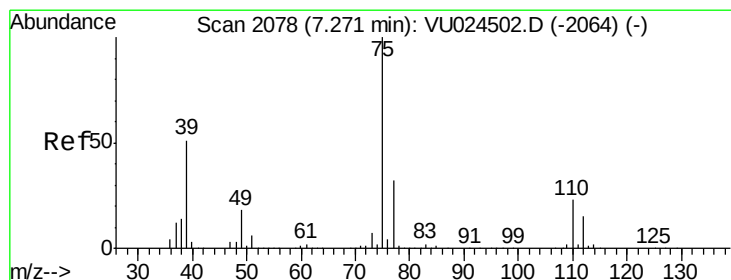
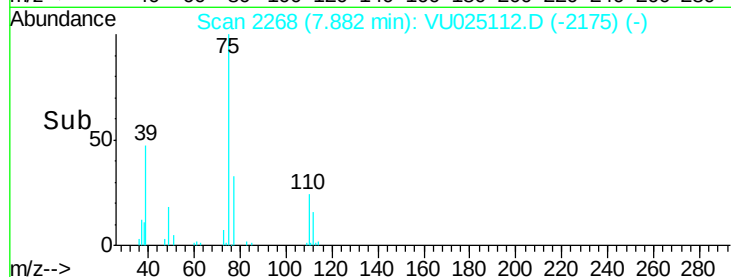
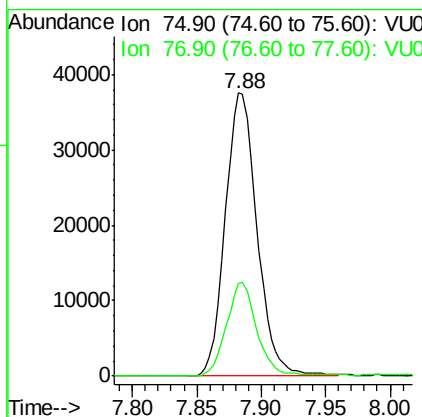
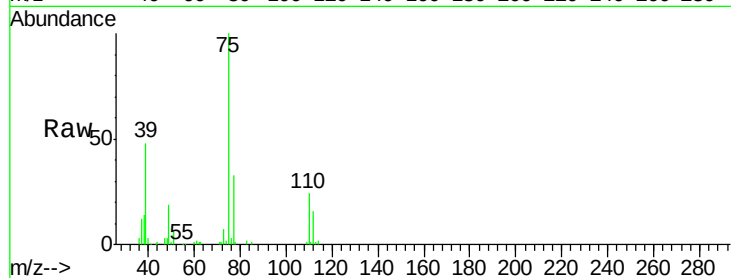
#53
t-1,3-Dichloropropene
Concen: 17.86 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.8	37.2

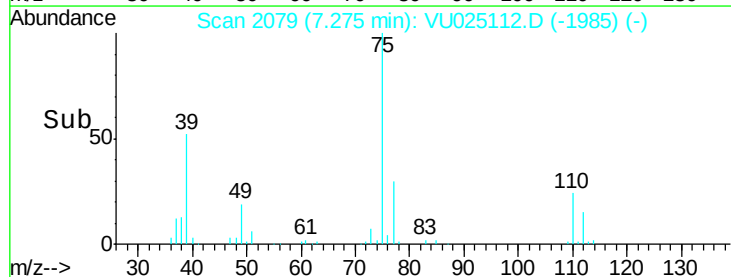
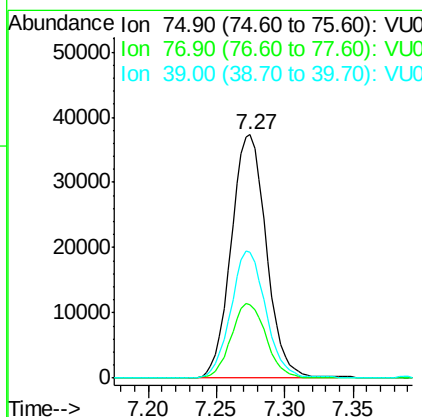
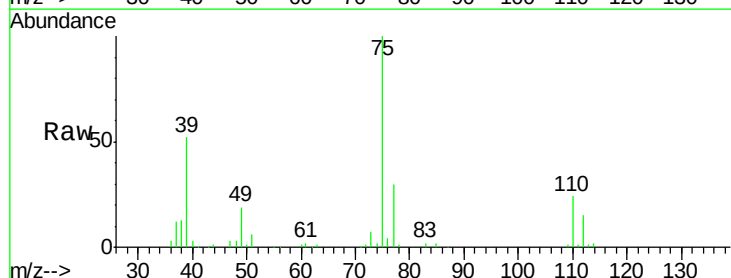
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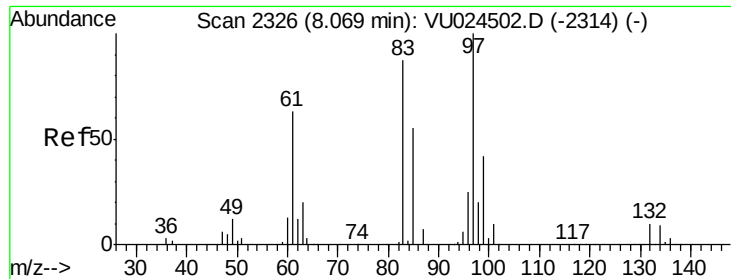
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#54
cis-1,3-Dichloropropene
Concen: 17.43 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.6	36.8
39	51.9	39.8	59.6





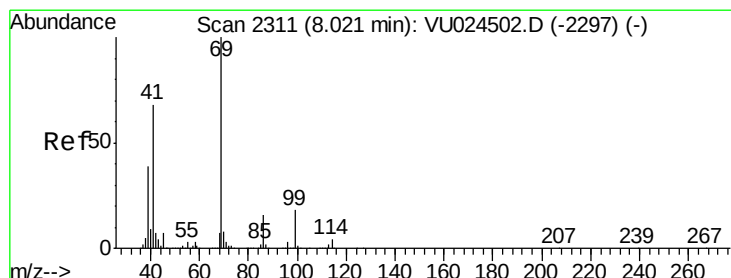
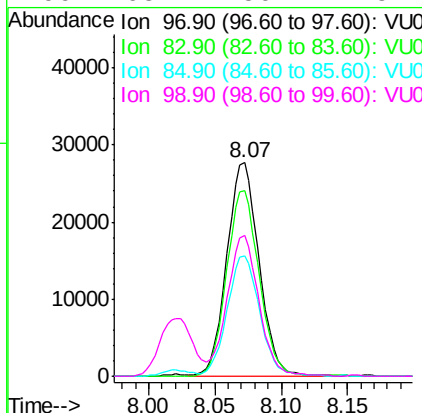
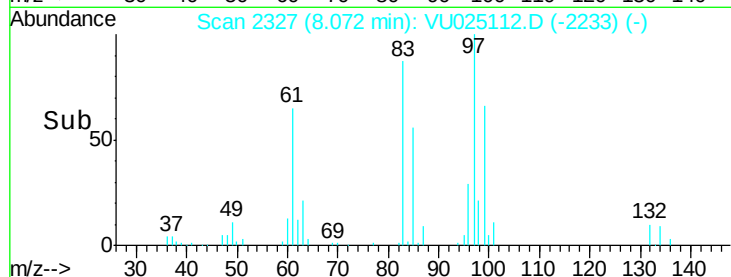
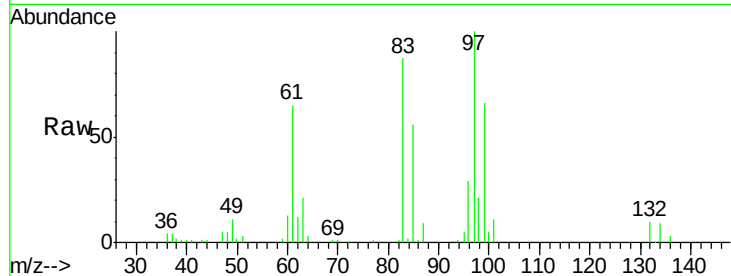
#55
 1,1,2-Trichloroethane
 Concen: 20.88 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Tot Ion:	97	Resp:	46941
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.5	105.7
85	56.4	46.4	69.6
99	65.7	50.2	75.2

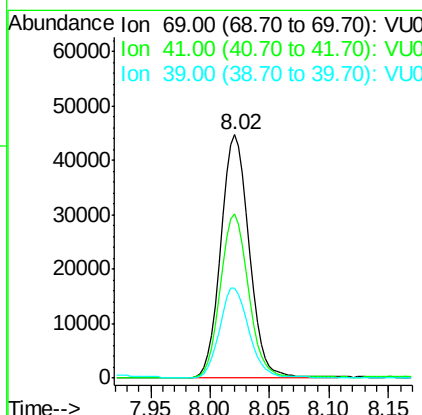
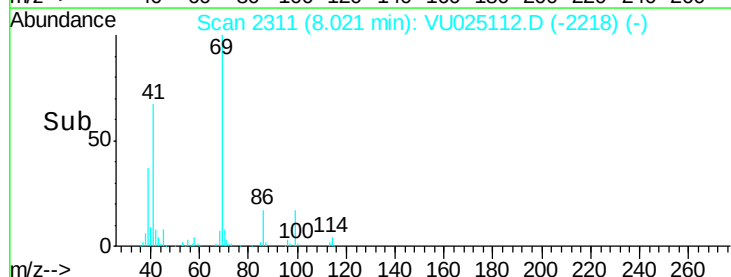
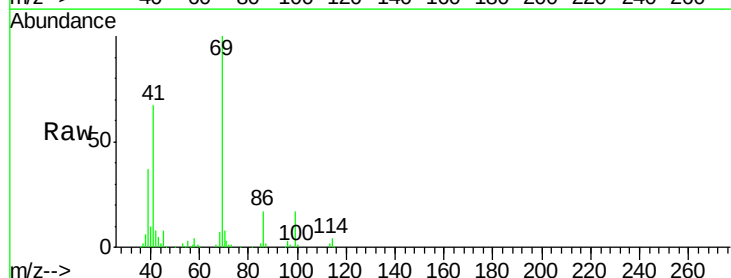
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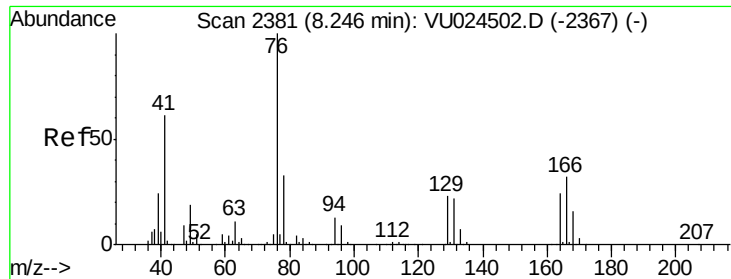
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#56
 Ethyl methacrylate
 Concen: 19.73 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion:	69	Resp:	74236
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.1	81.1
39	37.5	30.3	45.5





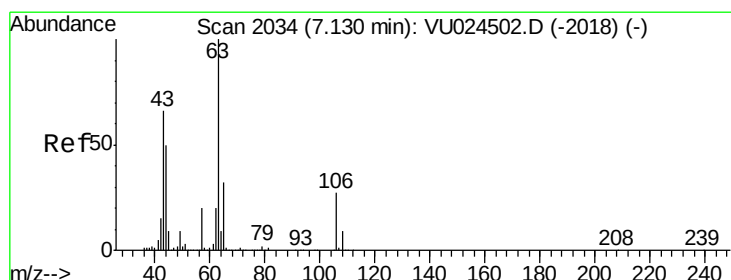
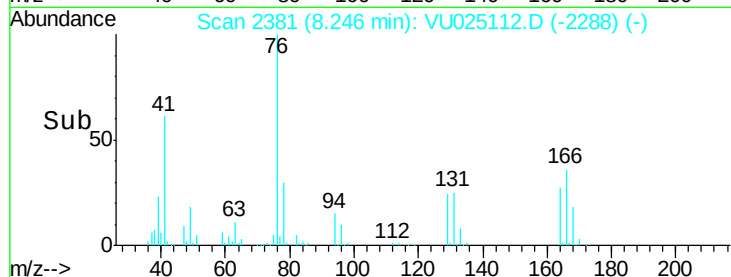
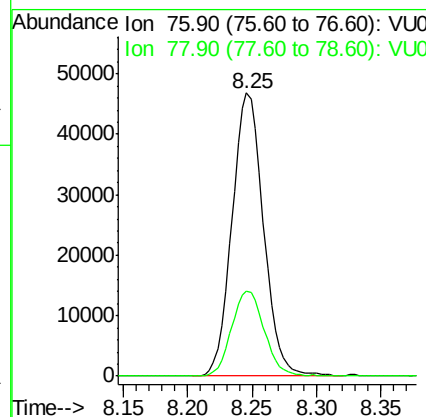
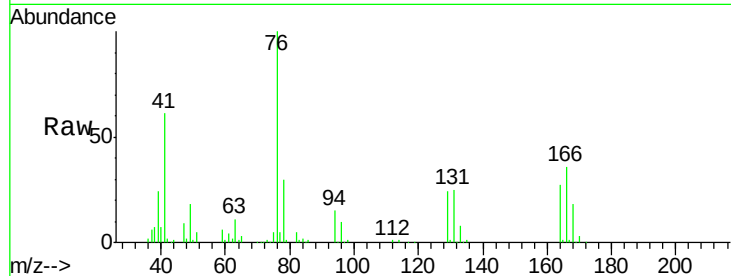
#57
 1,3-Dichloropropane
 Concen: 20.95 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Tot Ion: 76 Resp: 79445
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.2 37.8

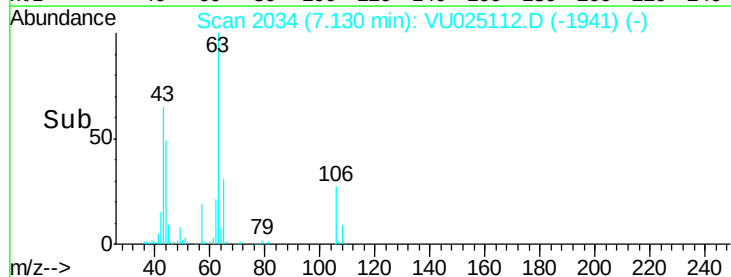
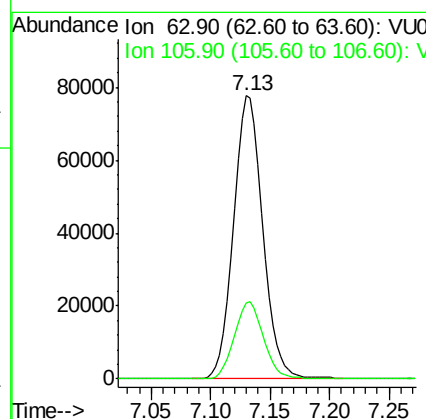
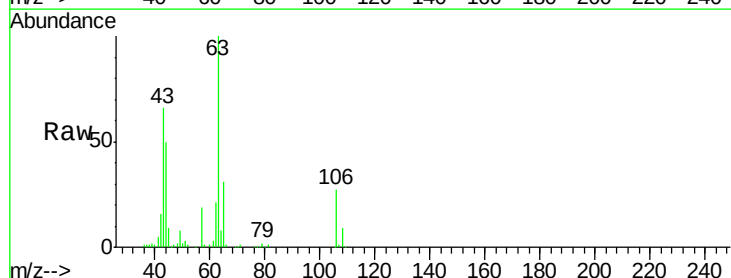
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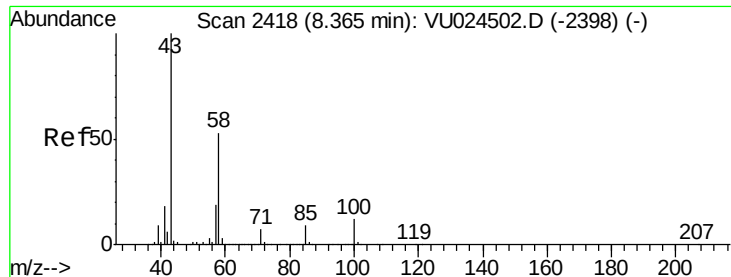
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#58
 2-Chloroethyl Vinyl ether
 Concen: 91.79 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion: 63 Resp: 132303
 Ion Ratio Lower Upper
 63 100
 106 27.2 20.2 30.2





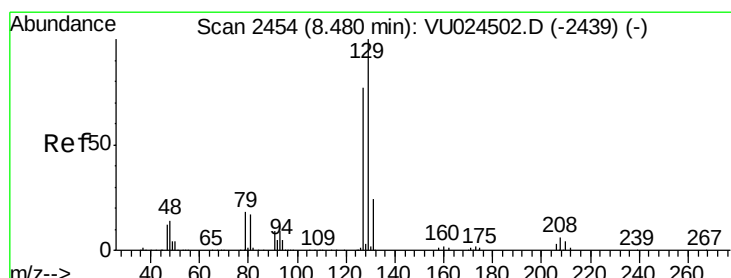
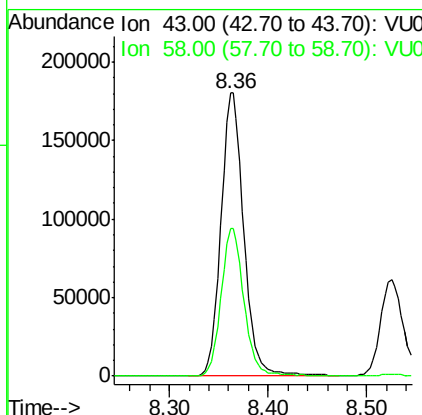
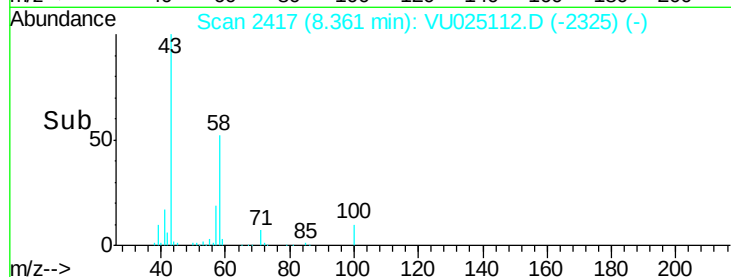
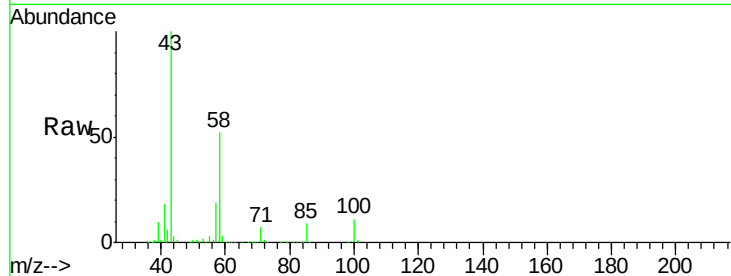
#59
2-Hexanone
Concen: 100.94 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion: 43 Resp: 294209
Ion Ratio Lower Upper
43 100
58 51.9 26.4 79.0

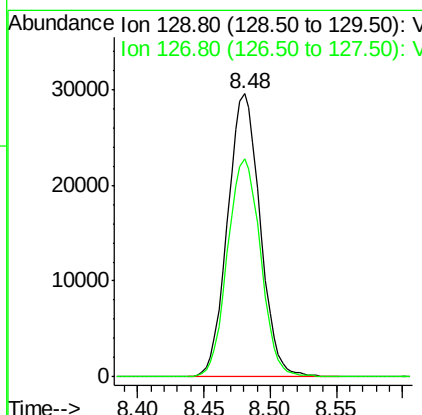
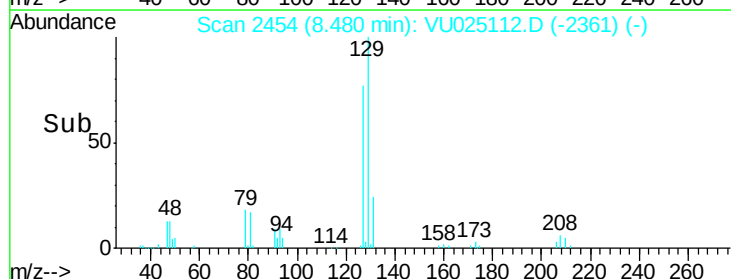
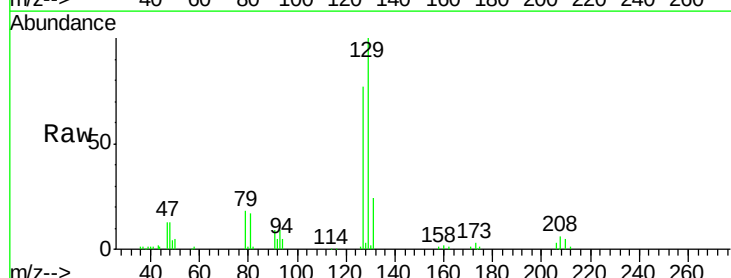
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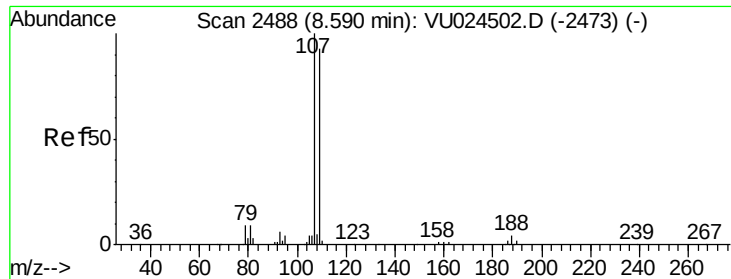
apatel
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#60
Dibromochloromethane
Concen: 18.04 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion: 129 Resp: 50567
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





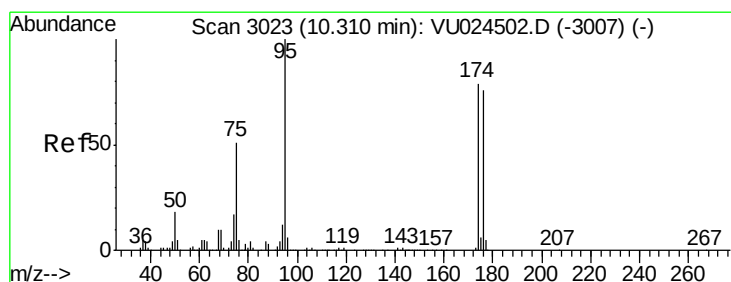
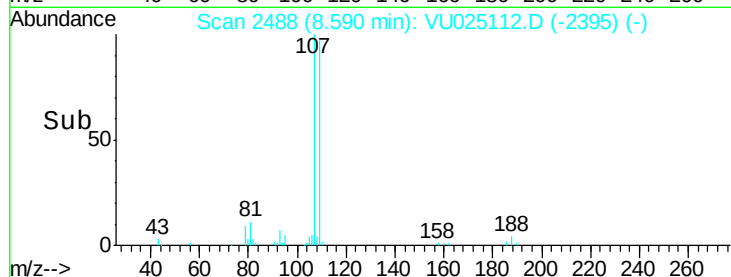
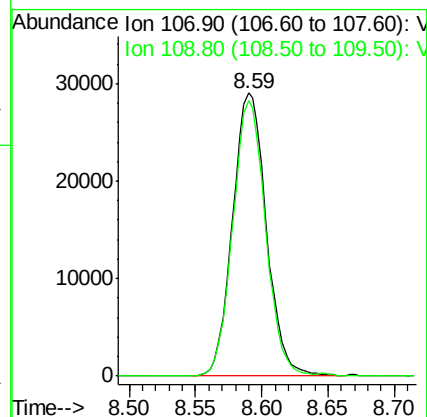
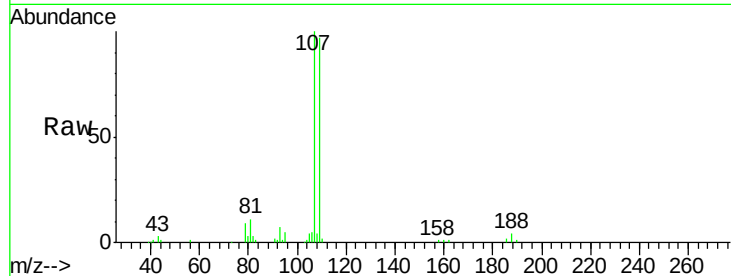
#61
 1,2-Dibromoethane
 Concen: 20.55 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.5	111.7

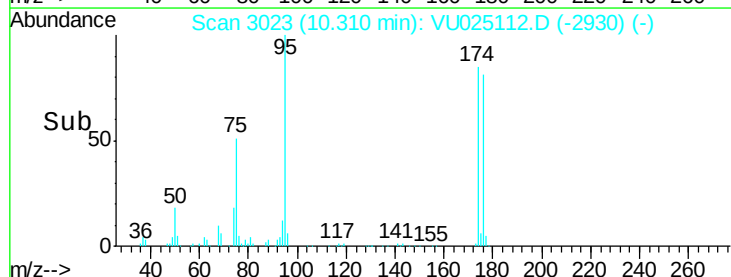
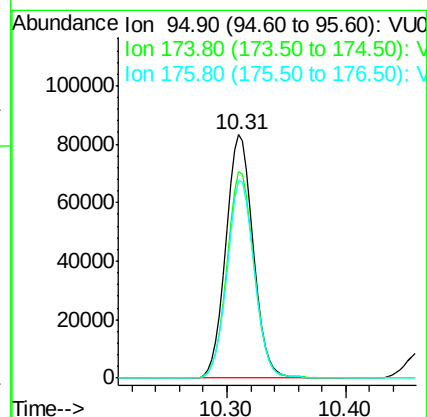
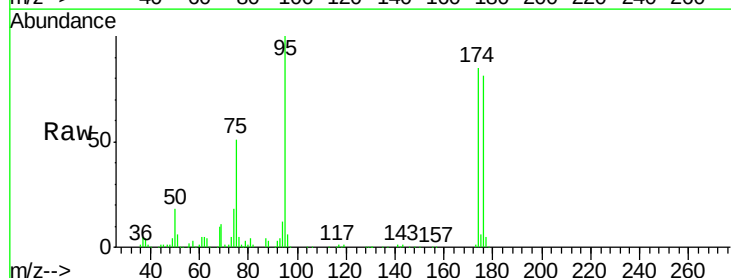
Manual Integrations
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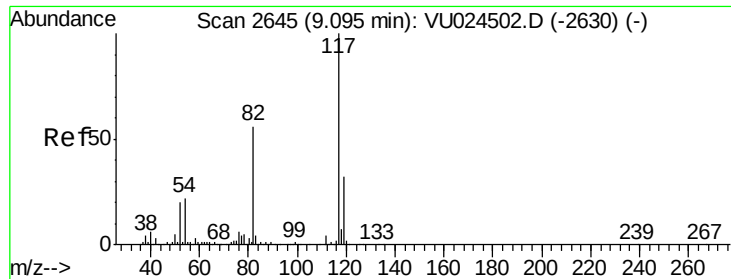
apatel
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#62
 4-Bromofluorobenzene
 Concen: 42.99 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	165.8
176	81.0	0.0	159.4





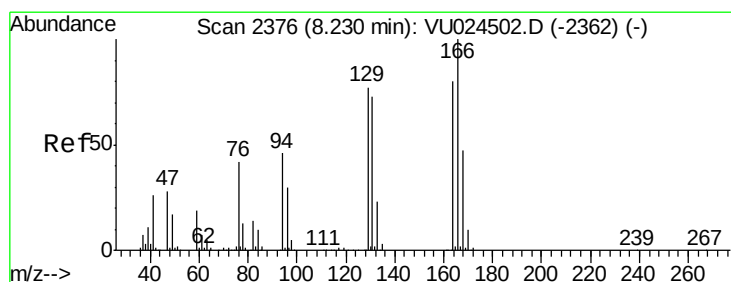
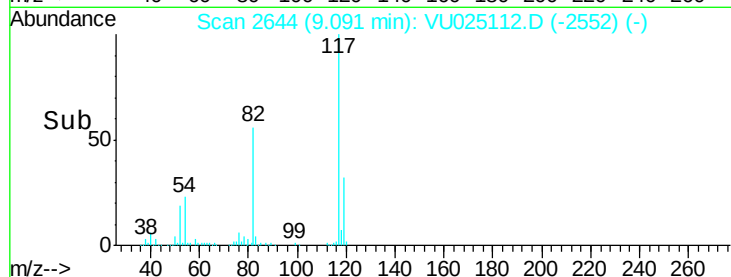
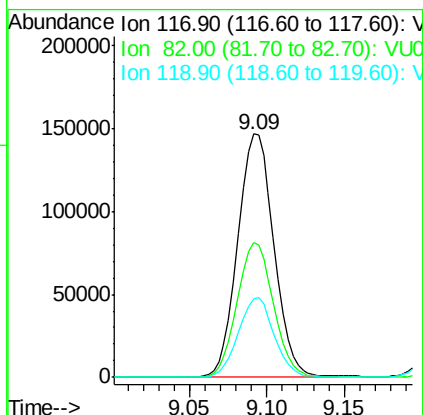
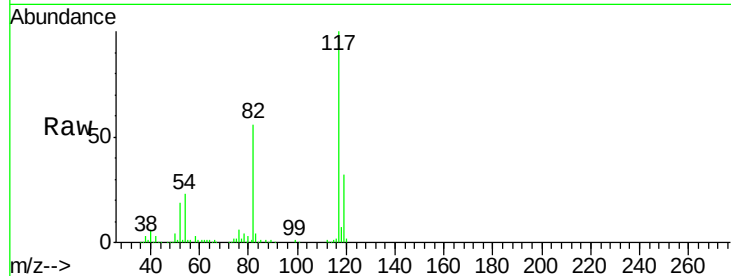
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.5	44.3	66.5
119	32.1	25.4	38.2

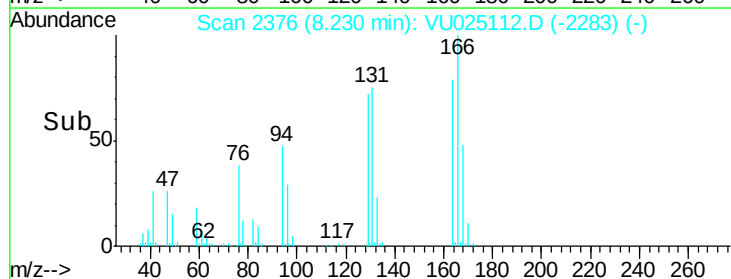
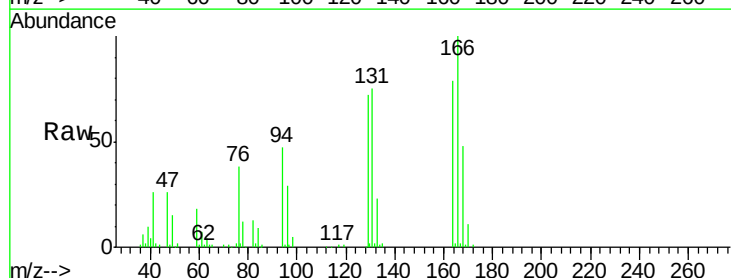
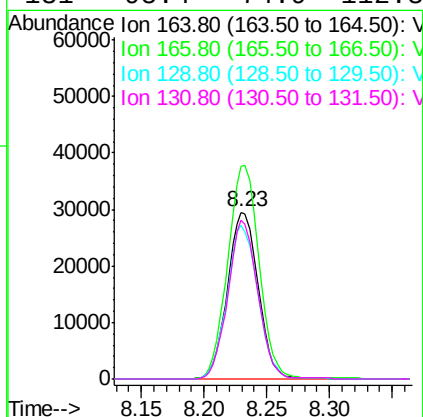
Manual Integrations
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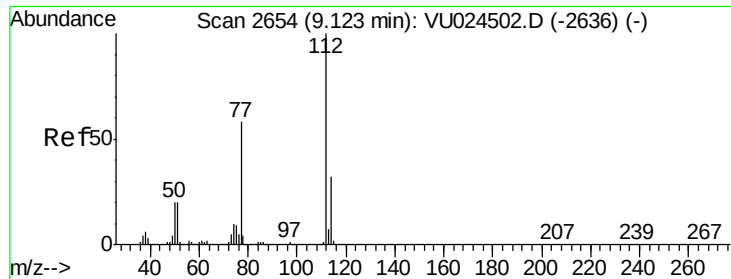
apatel
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#64
Tetrachloroethene
Concen: 22.20 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.1	101.7	152.5
129	92.0	76.9	115.3
131	95.4	74.9	112.3





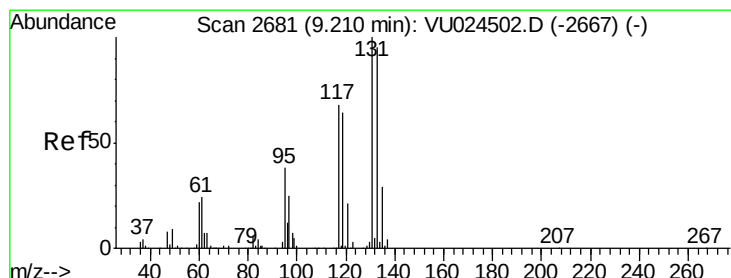
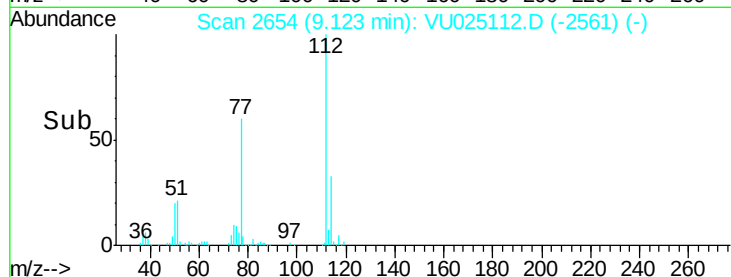
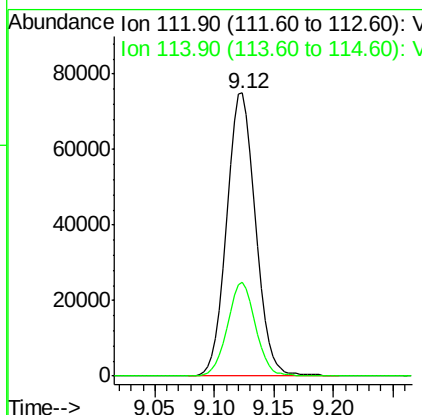
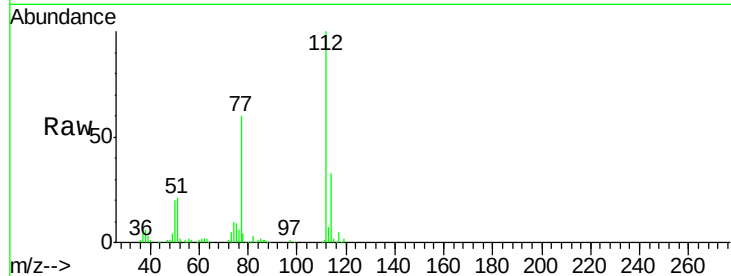
#65
Chlorobenzene
Concen: 20.67 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	126271		
114	33.2	25.6	38.4	

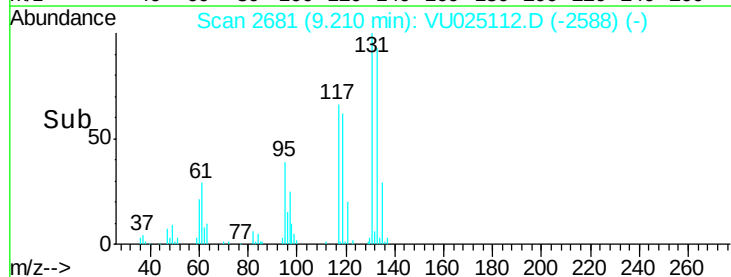
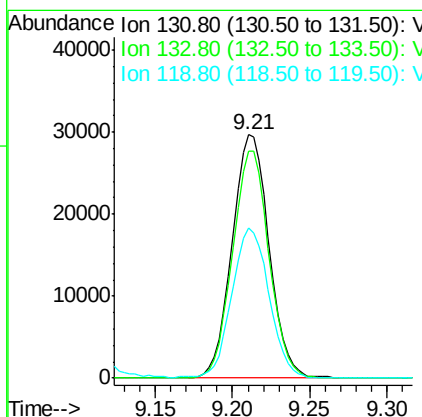
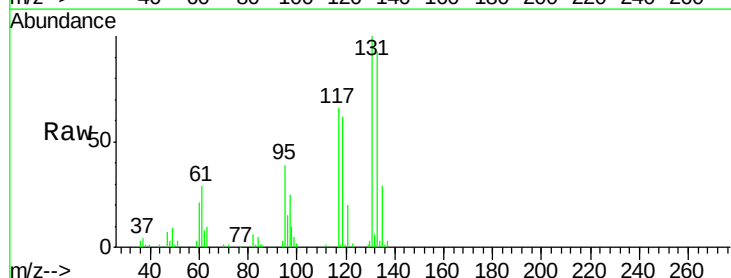
Manual Integrations
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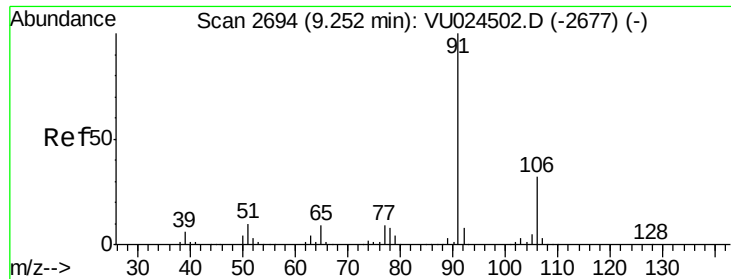
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.18 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	49168		
133	92.2	46.9	140.8	
119	62.4	33.5	100.4	





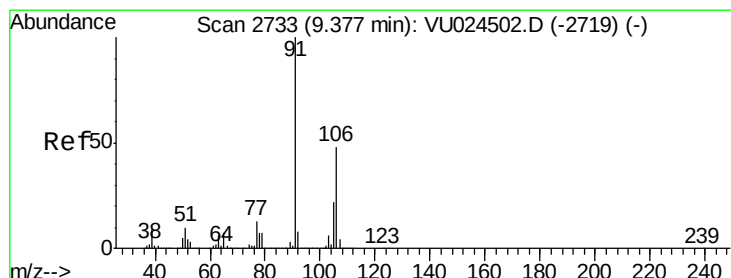
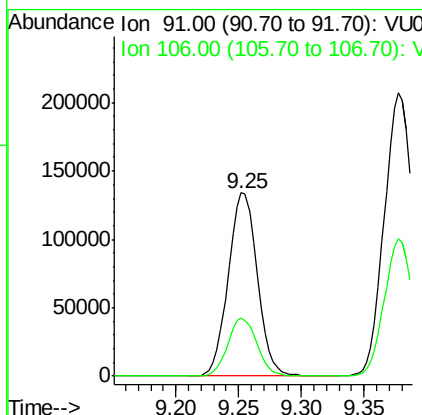
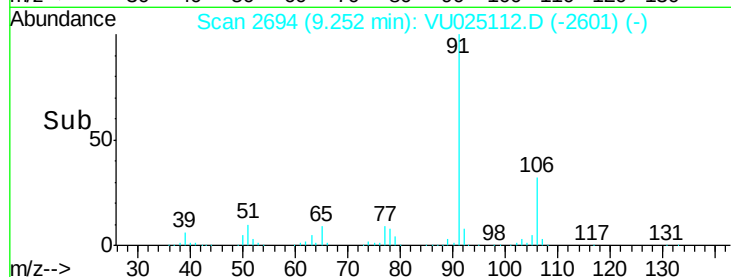
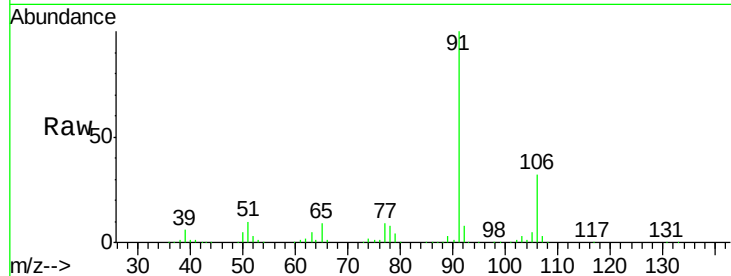
#67
Ethyl Benzene
Concen: 20.21 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion: 91 Resp: 216409
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4

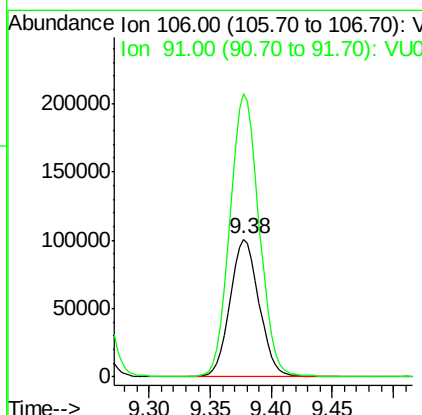
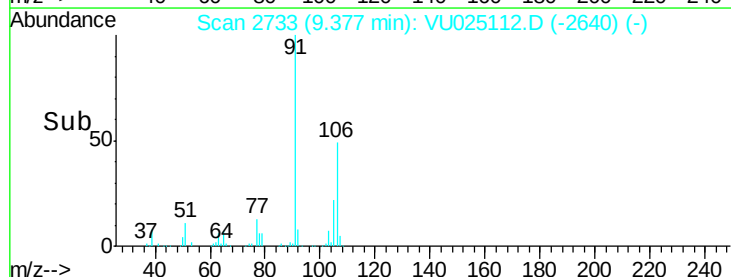
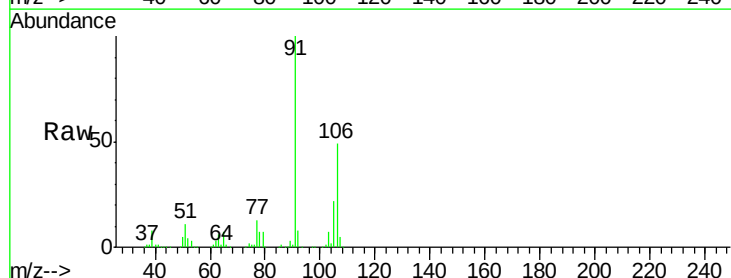
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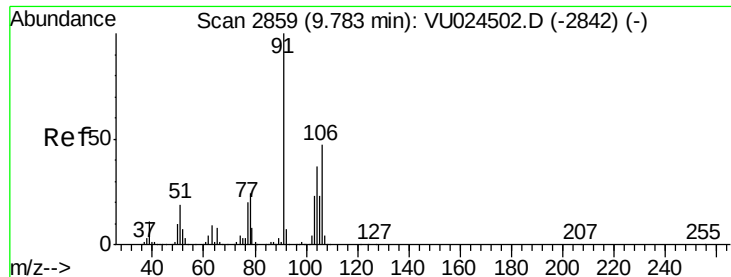
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#68
m/p-Xylenes
Concen: 40.78 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion: 106 Resp: 167722
Ion Ratio Lower Upper
106 100
91 206.6 166.5 249.7





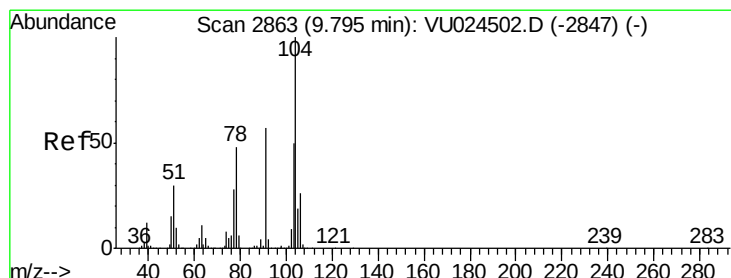
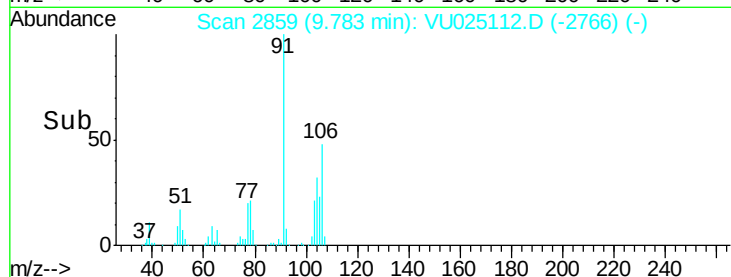
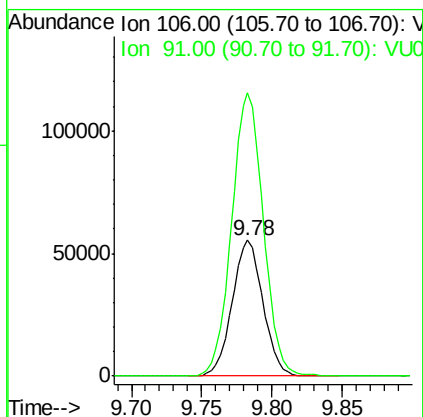
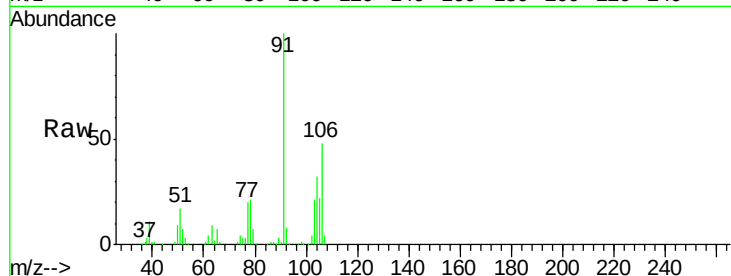
#69
o-Xylene
Concen: 20.82 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.1	110.7	331.9	

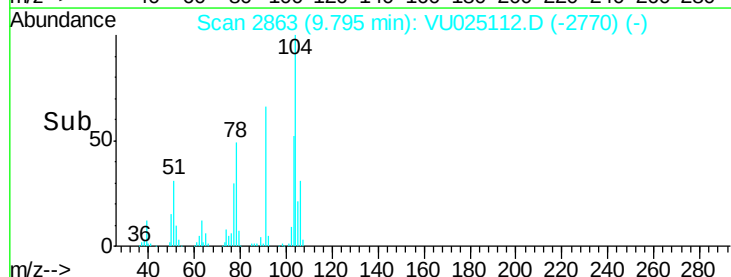
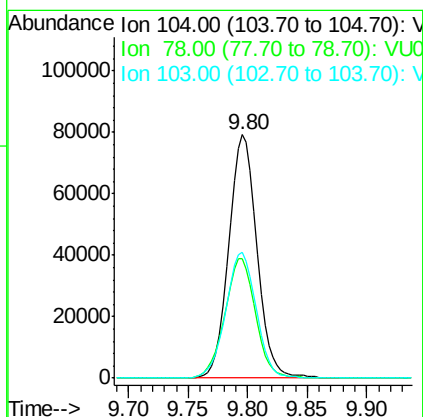
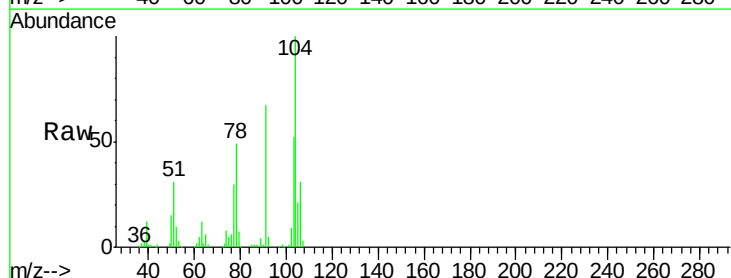
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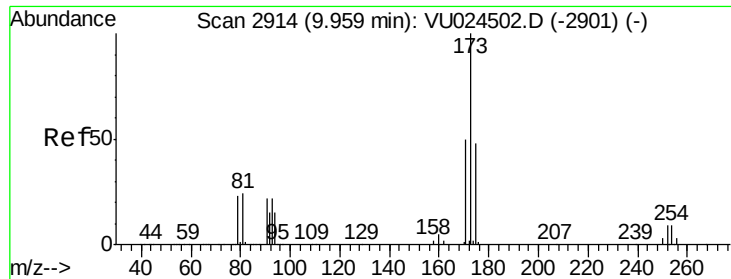
apatel
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#70
Styrene
Concen: 19.46 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.4	40.6	60.8	
103	55.8	44.7	67.1	





#71

Bromoform

Concen: 17.56 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

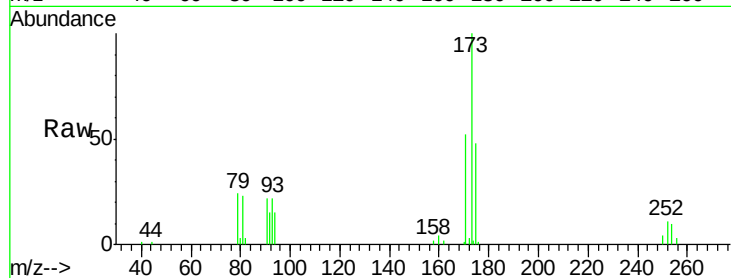
ClientSampleId :

VU0630WBSD02

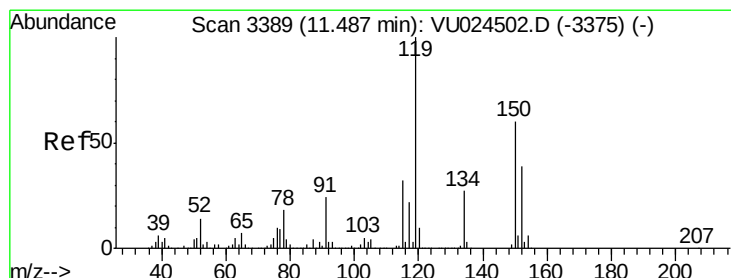
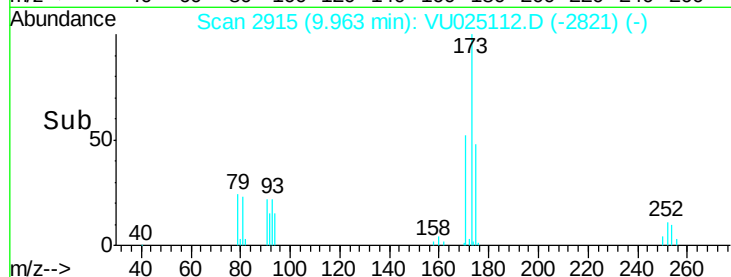
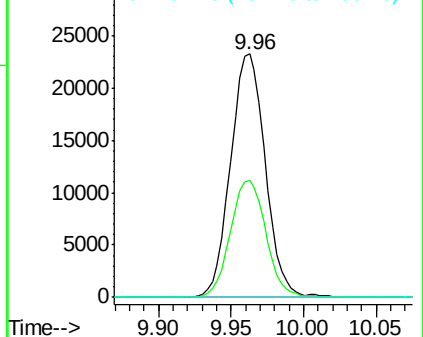
Tot Ion:173	Resp:	38729
Ion Ratio	Lower	Upper
173 100		
175 49.1	24.6	74.0
254 0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

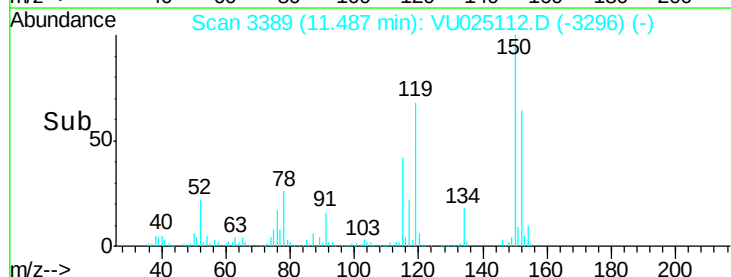
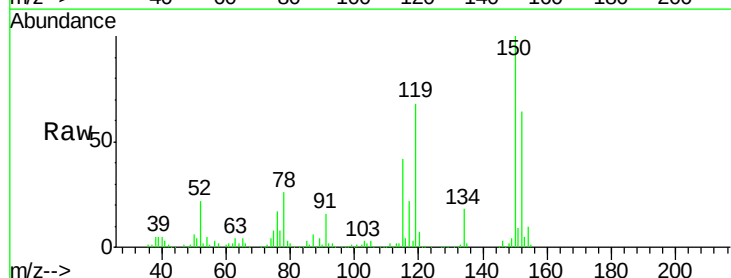
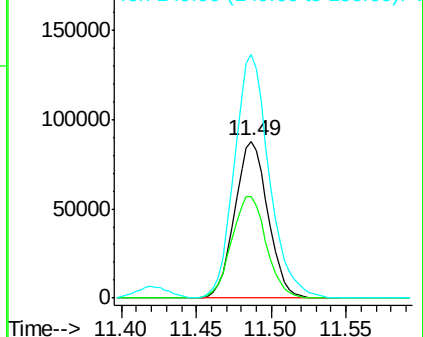
Delta R.T. -0.00 min

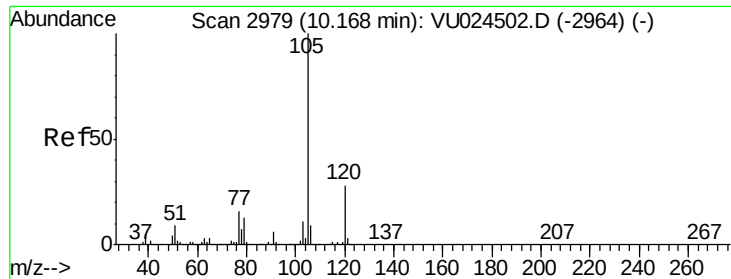
Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion:152	Resp:	135704
Ion Ratio	Lower	Upper
152 100		
115 67.9	43.0	129.0
150 163.2	0.0	354.0

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





#73

Isopropylbenzene

Concen: 21.52 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion: 105 Resp: 224261

Ion Ratio Lower Upper

105 100

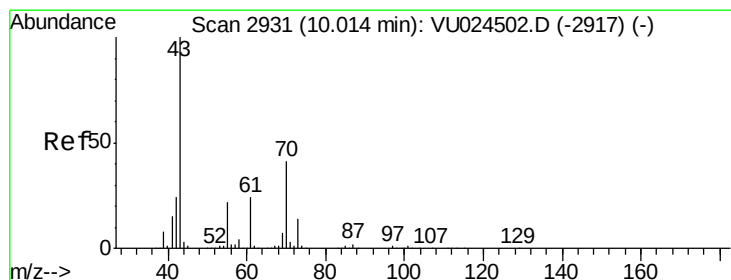
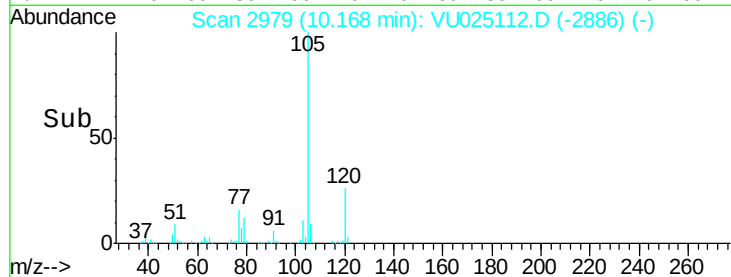
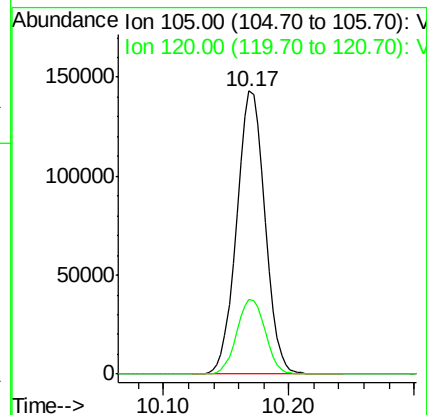
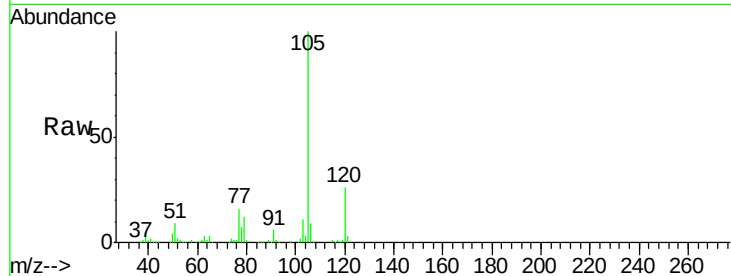
120 26.7 13.2 39.6

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#74

N-ethyl acetate

Concen: 18.75 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion: 43 Resp: 92901

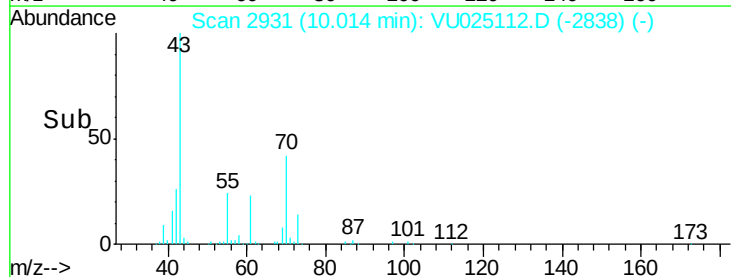
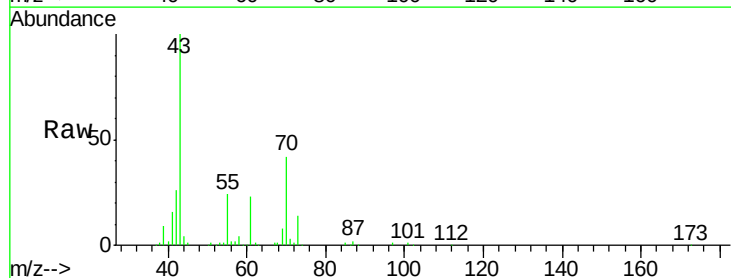
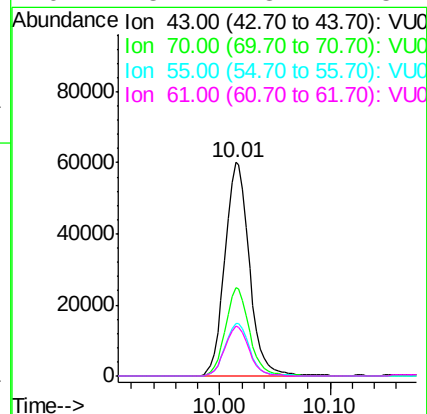
Ion Ratio Lower Upper

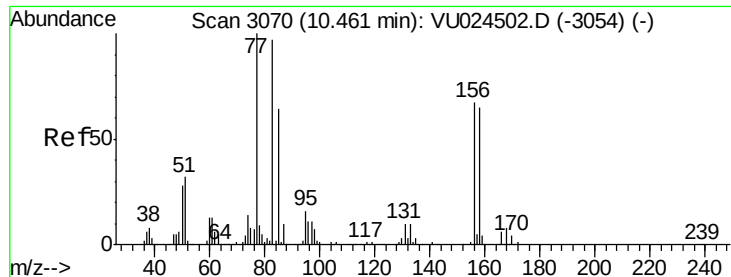
43 100

70 40.4 32.2 48.4

55 24.5 20.5 30.7

61 23.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.81 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion: 83 Resp: 76148

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

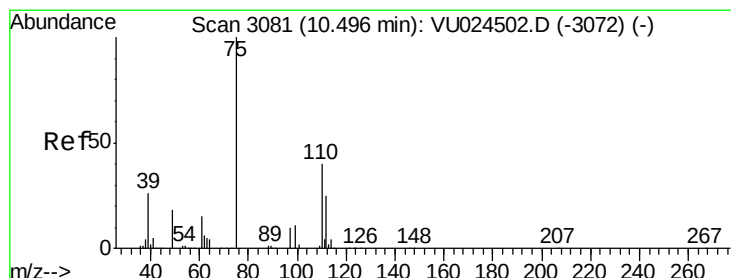
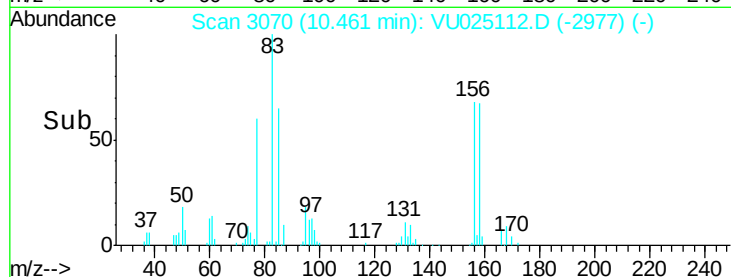
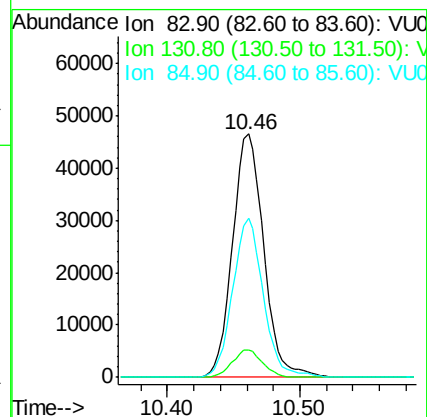
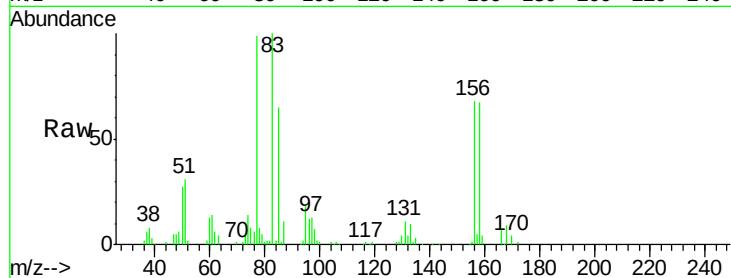
85 64.2 32.5 97.5

Manual Integrations

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#76

1,2,3-Trichloropropane

Concen: 23.35 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025112.D

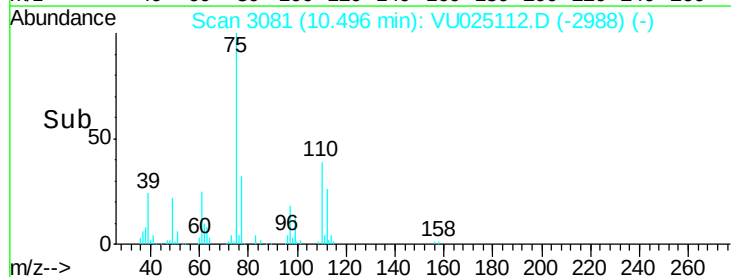
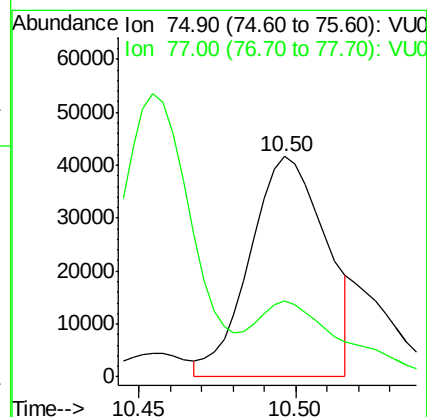
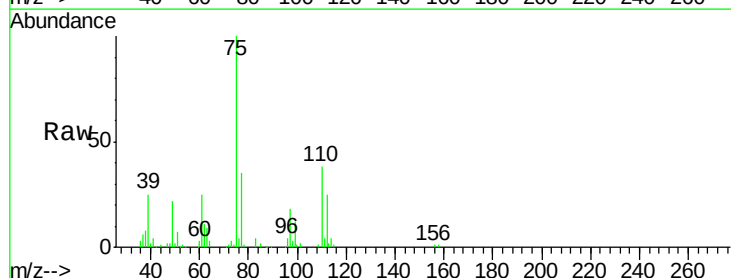
Acq: 01 Jul 2018 01:41

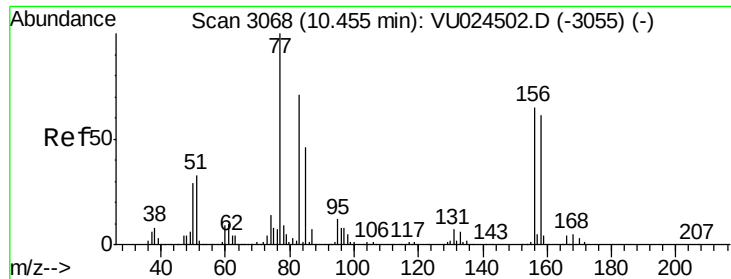
Tgt Ion: 75 Resp: 69775

Ion Ratio Lower Upper

75 100

77 39.3 20.9 62.7





#77

Bromobenzene

Concen: 21.48 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

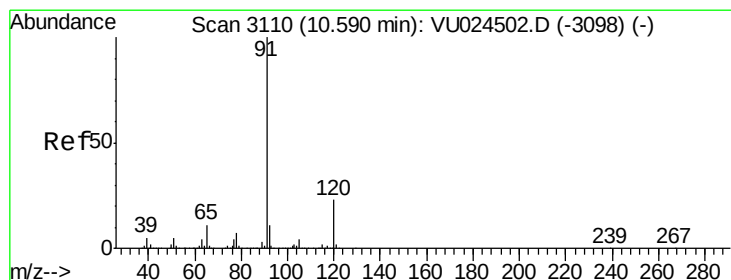
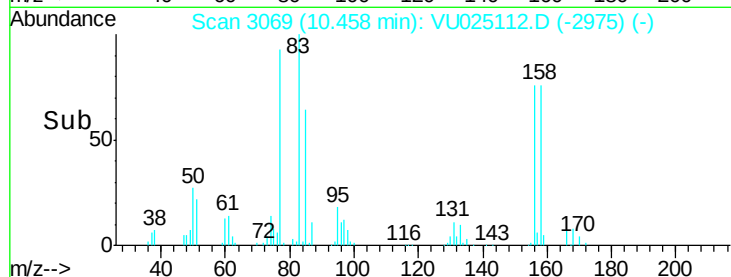
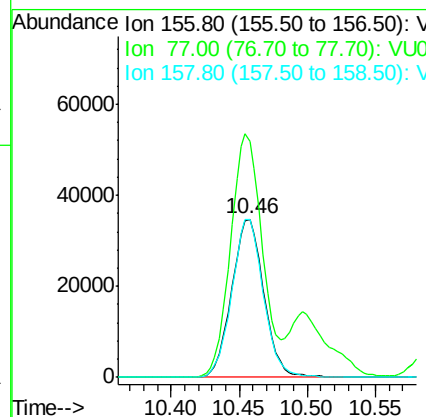
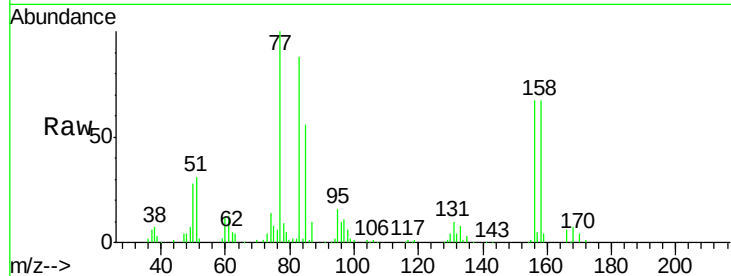
ClientSampleId :

VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.1	80.5	241.3
158	98.2	48.2	144.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.11 ug/l

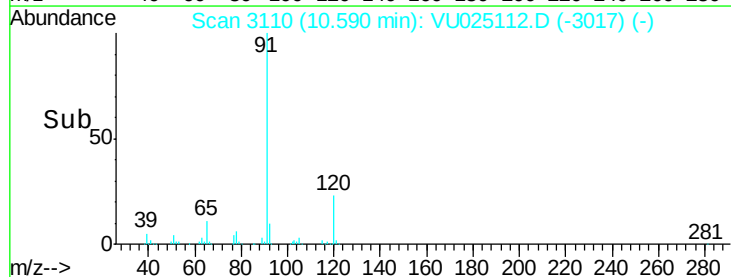
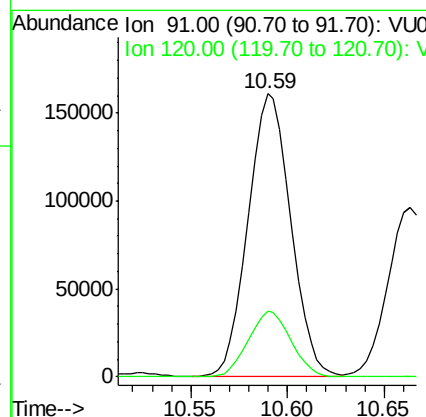
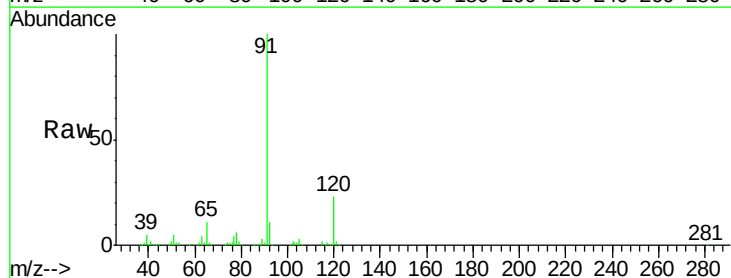
RT: 10.59 min Scan# 3110

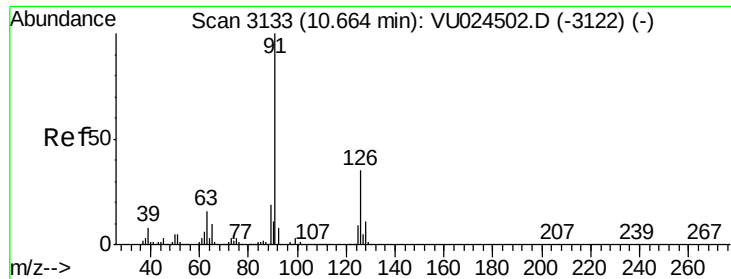
Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.2	33.5





#79

2-Chlorotoluene

Concen: 21.33 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion: 91 Resp: 154411

Ion Ratio Lower Upper

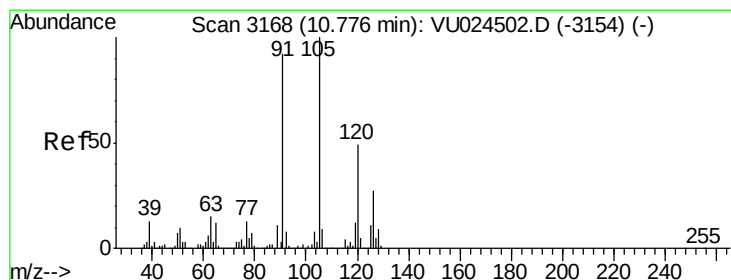
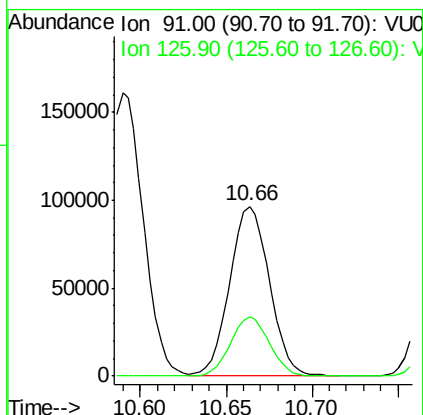
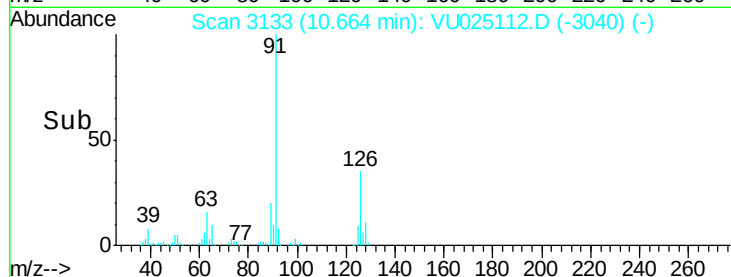
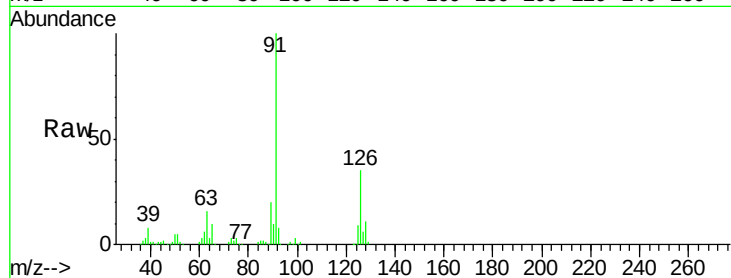
91 100

126 34.4 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 20.92 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025112.D

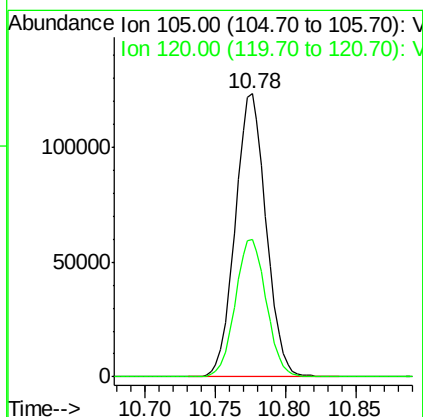
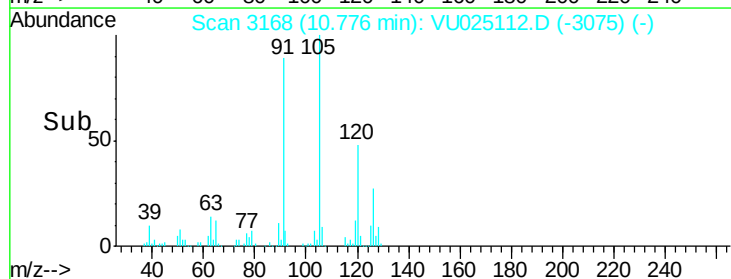
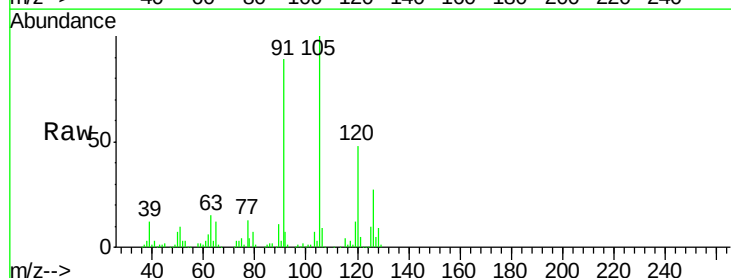
Acq: 01 Jul 2018 01:41

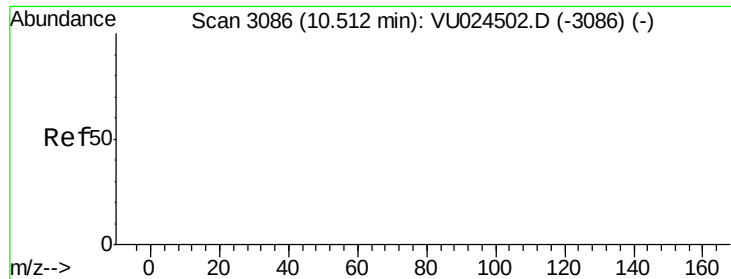
Tgt Ion: 105 Resp: 188938

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.19 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VU025112.D

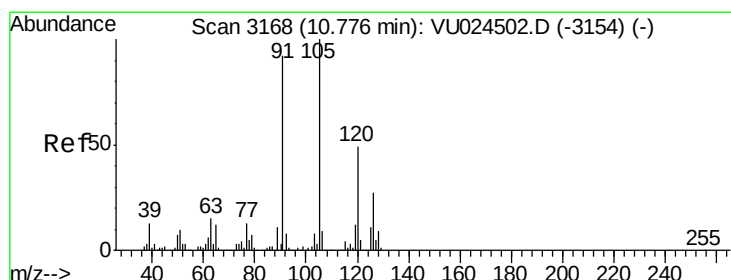
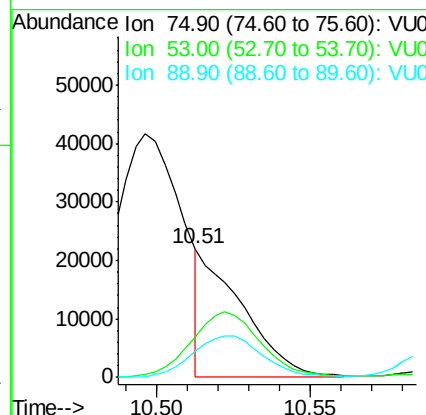
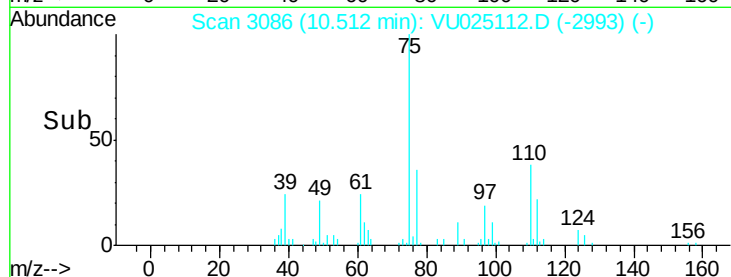
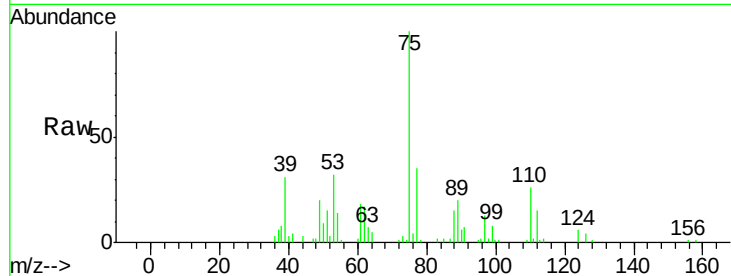
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

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

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.15 ug/l

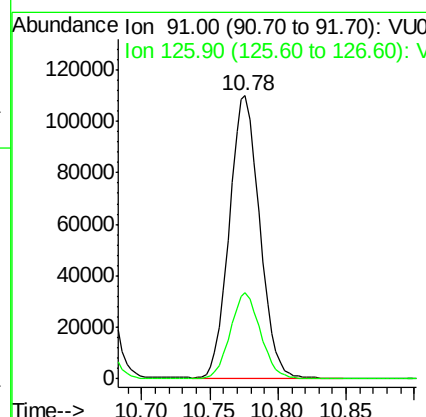
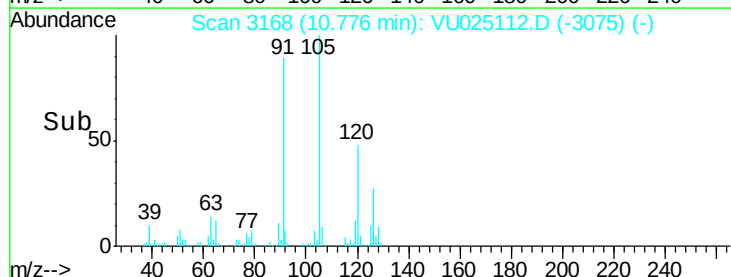
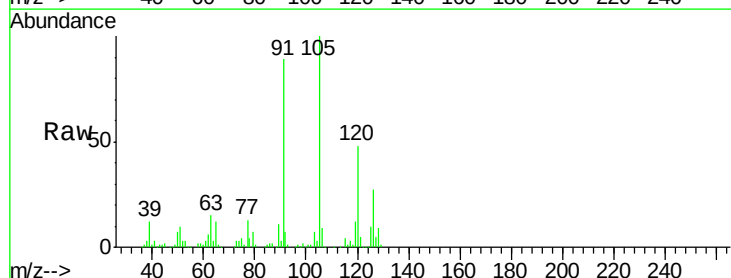
RT: 10.78 min Scan# 3168

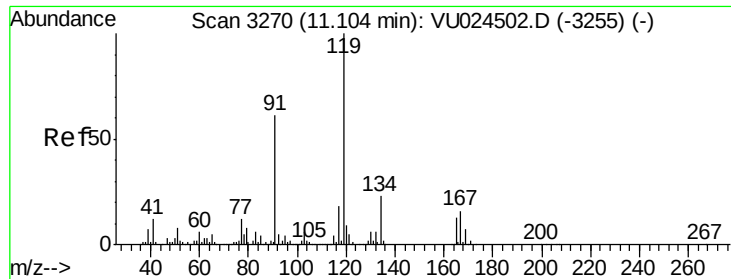
Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.9	44.9





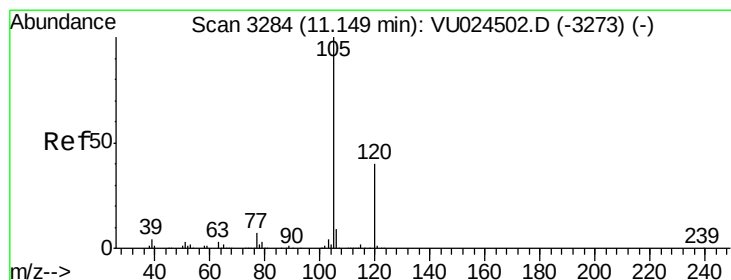
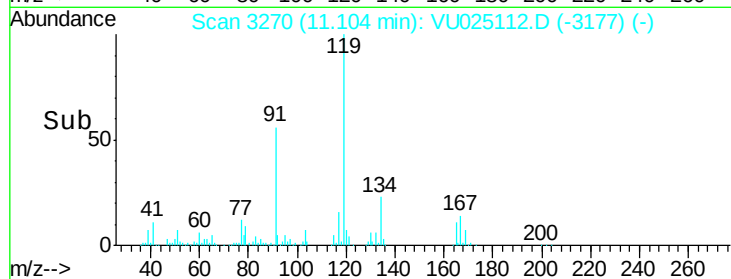
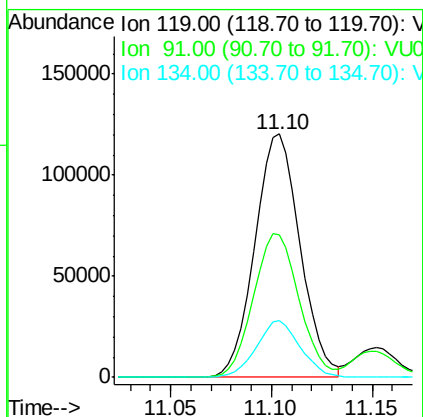
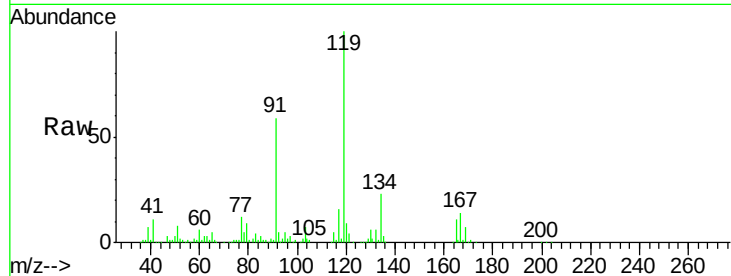
#83
 tert-Butylbenzene
 Concen: 21.69 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	188396		
91	59.9	29.7	89.1	
134	22.6	11.6	34.7	

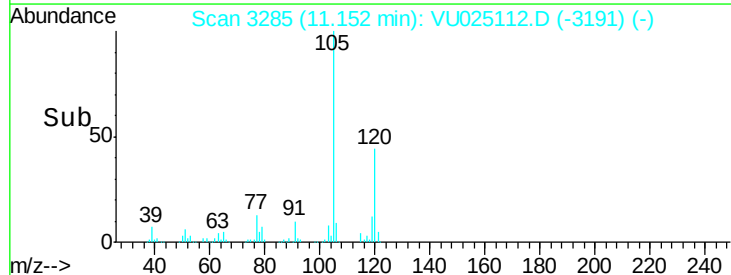
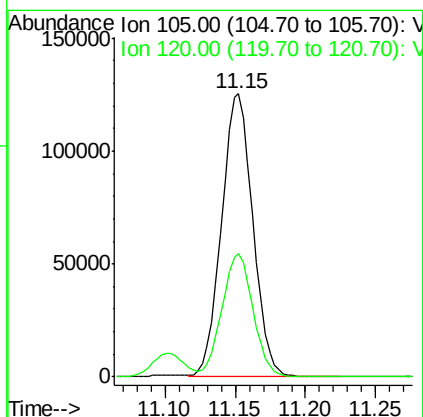
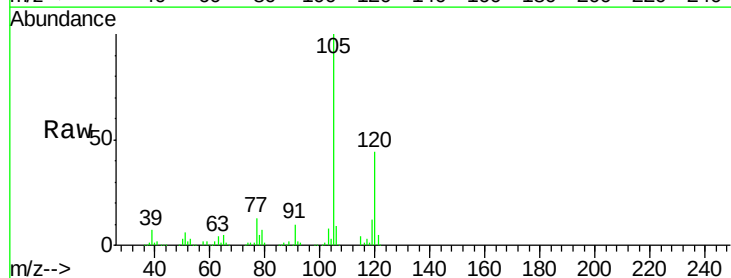
Manual Integrations
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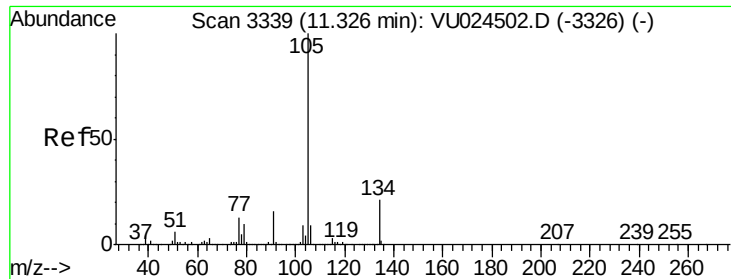
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.97 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192975		
120	43.5	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.56 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD02

Tot Ion:105 Resp: 223567

Ion Ratio Lower Upper

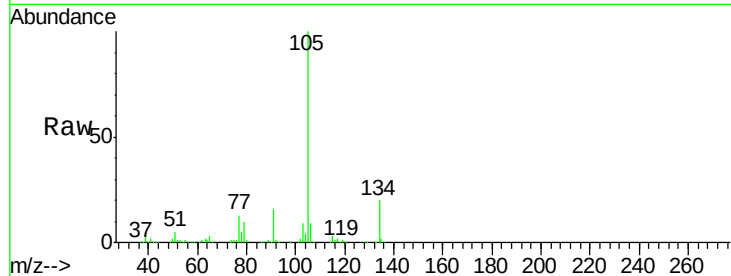
105 100

134 19.8 9.7 29.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

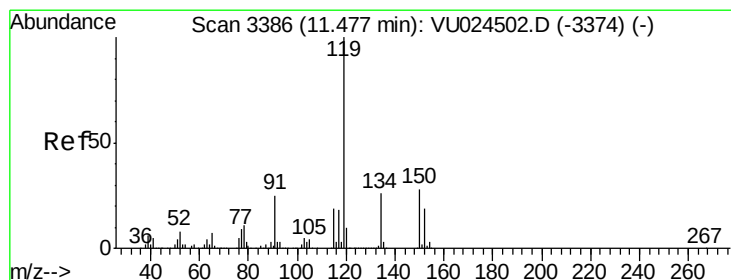
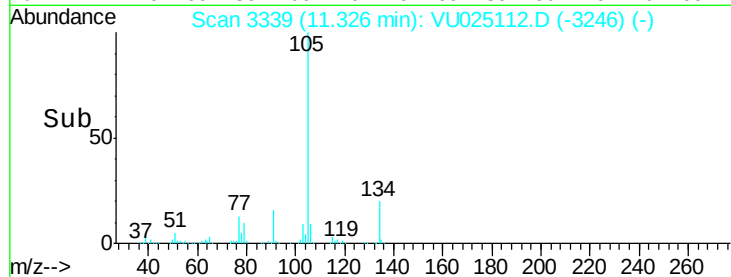
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.81 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

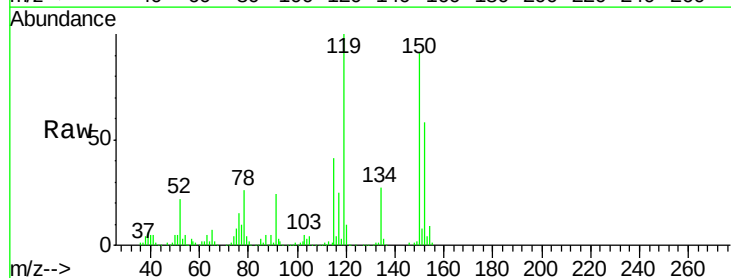
Tgt Ion:119 Resp: 192920

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 24.5 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

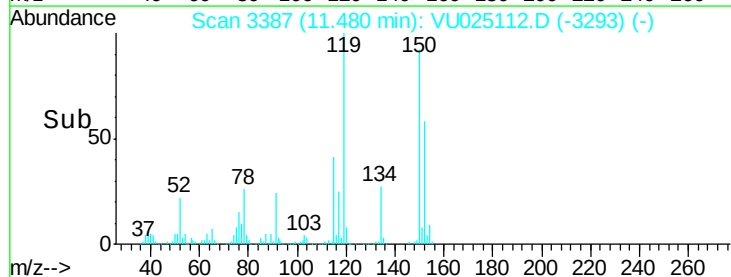
150000

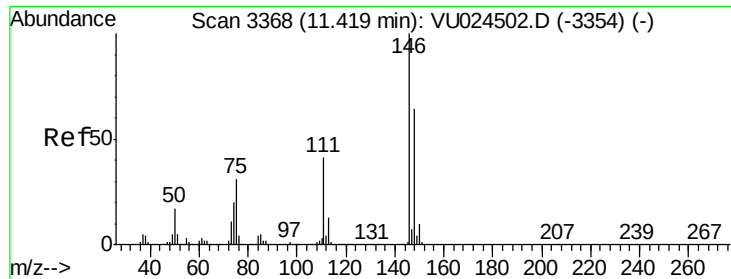
100000

50000

0

Time-->





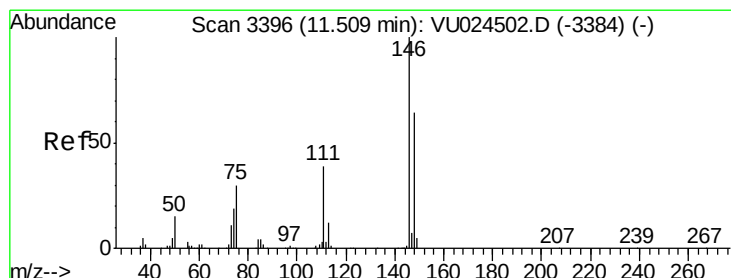
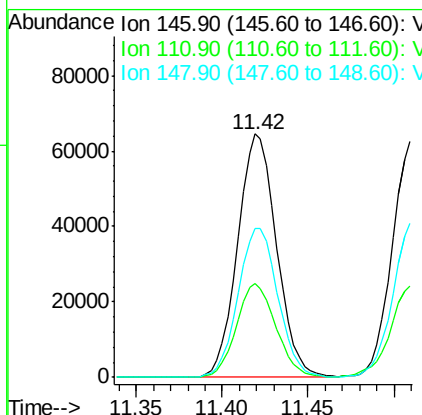
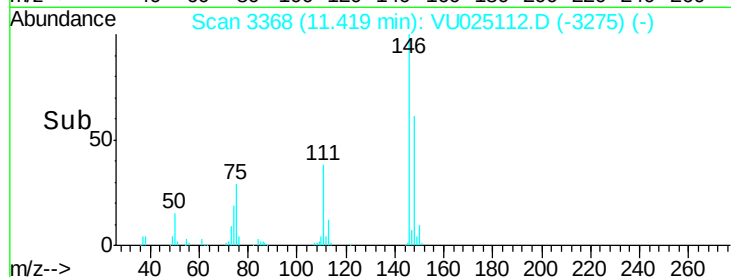
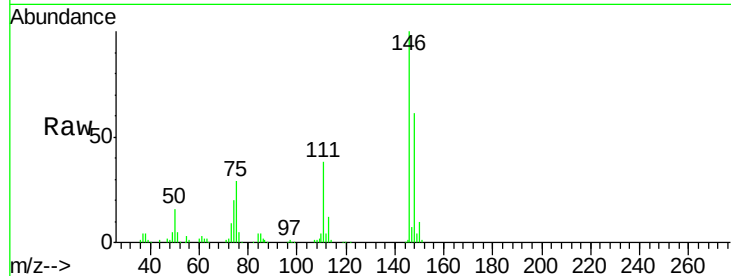
#87
 1,3-Dichlorobenzene
 Concen: 20.85 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.0	60.0
148	62.8	32.1	96.5

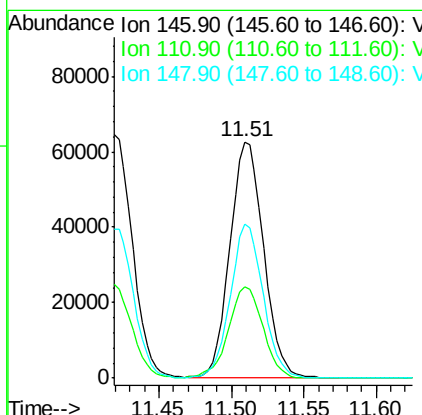
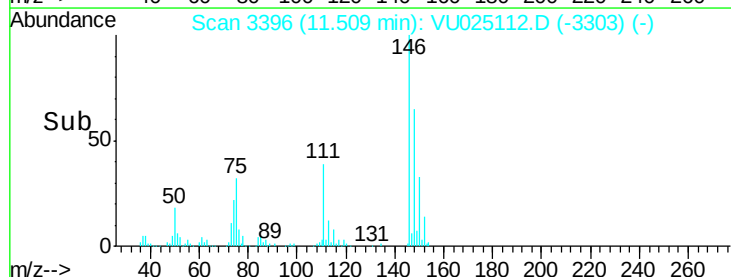
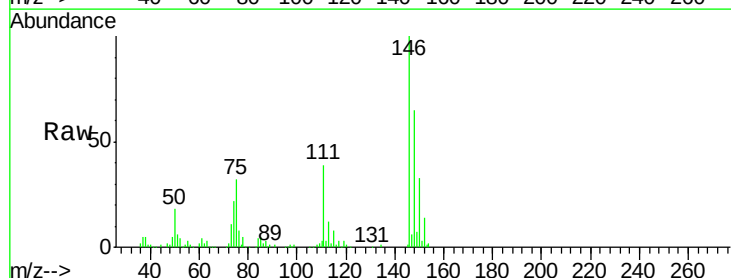
Manual Integrations
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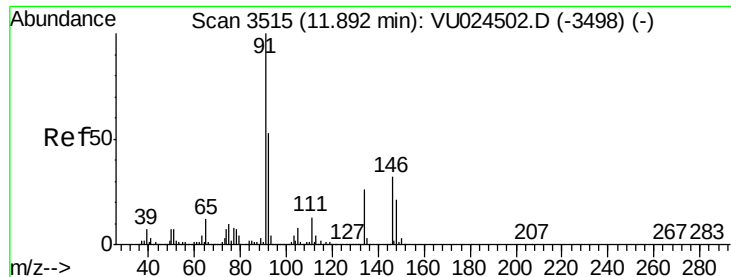
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#88
 1,4-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	63.3	32.4	97.0





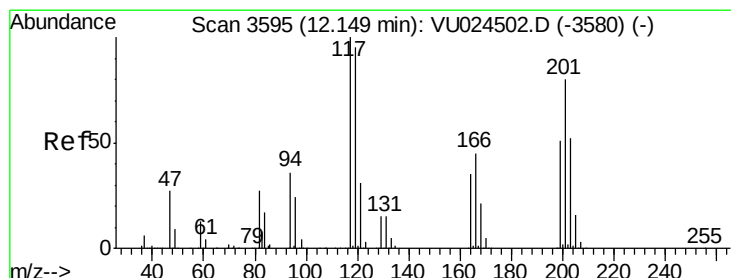
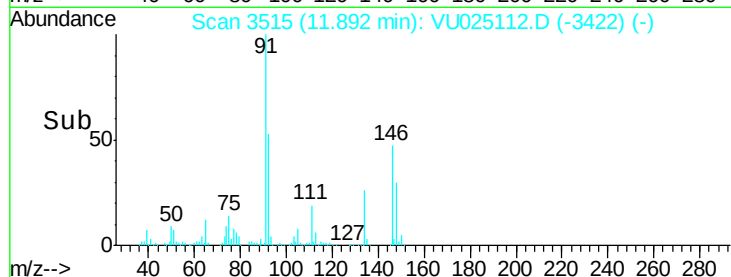
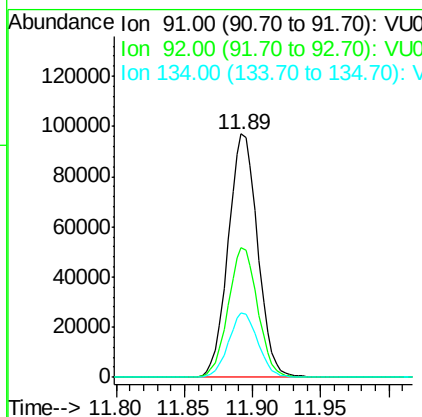
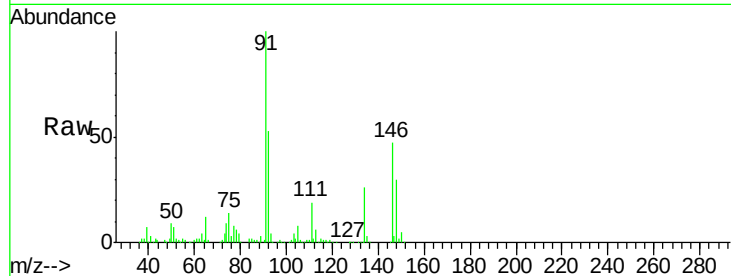
#89
n-Butylbenzene
Concen: 16.88 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.6	76.8
134	26.3	12.3	36.8

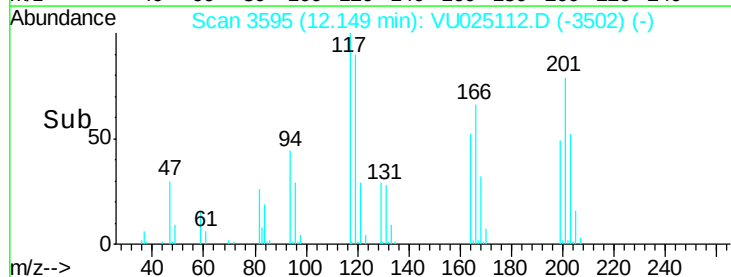
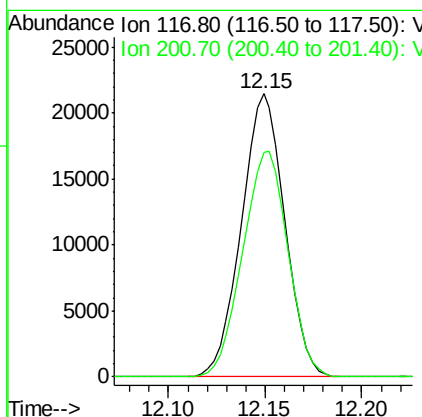
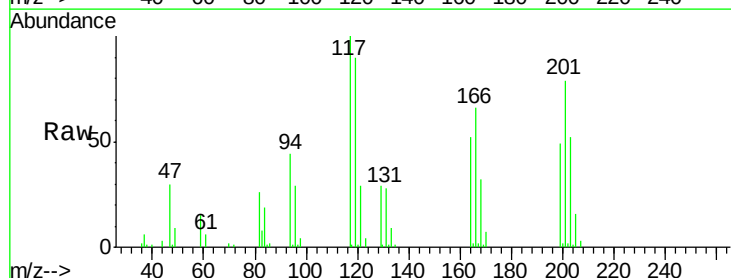
Manual Integrations
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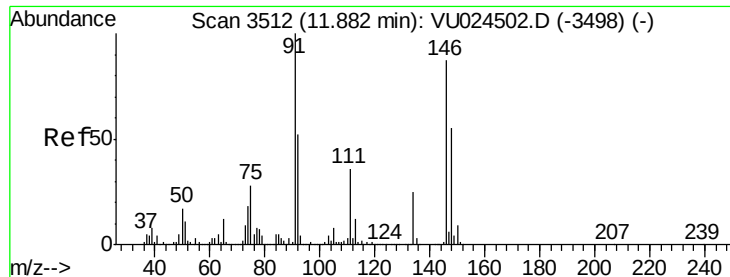
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#90
Hexachloroethane
Concen: 17.62 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025112.D
Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.2	41.1	123.3





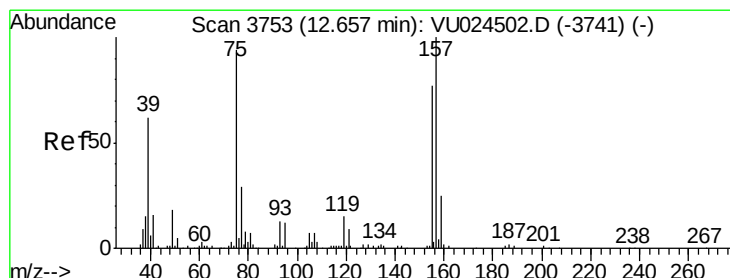
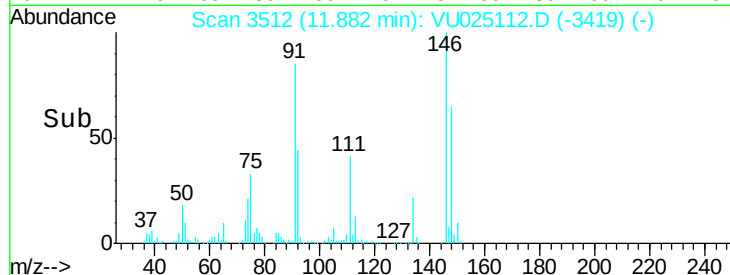
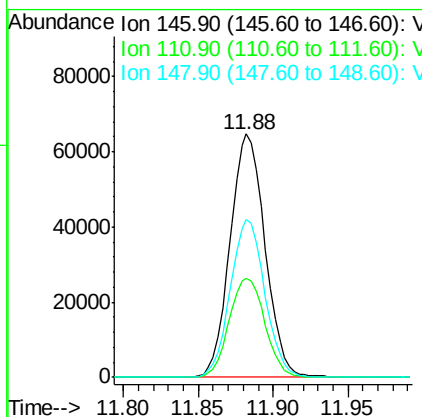
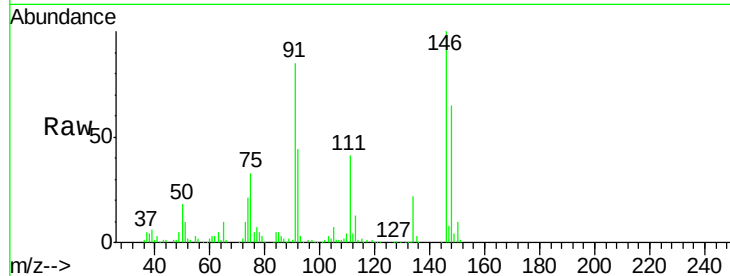
#91
 1,2-Dichlorobenzene
 Concen: 21.55 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.6
148	64.2	31.9	95.7

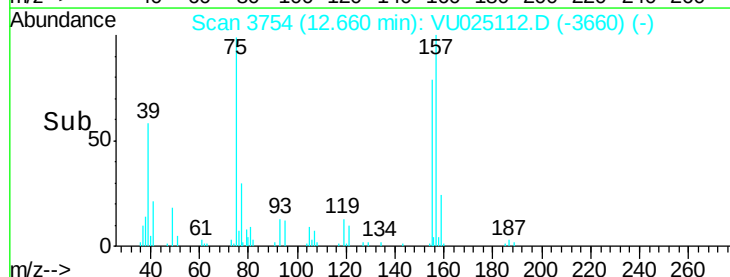
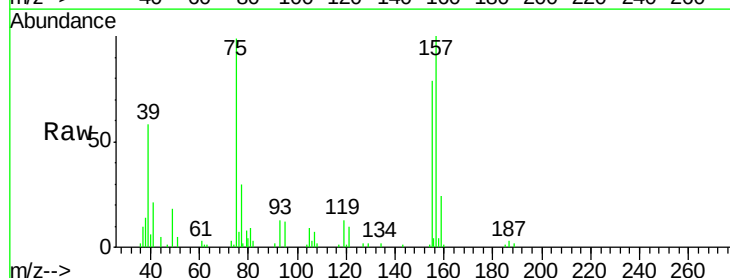
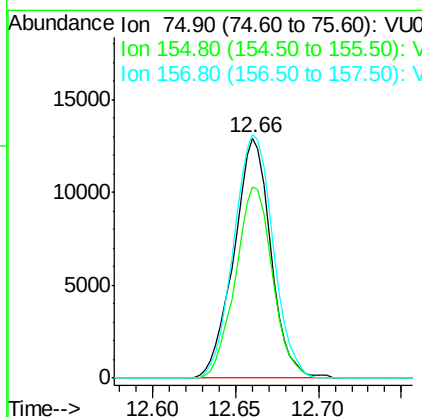
Manual Integrations
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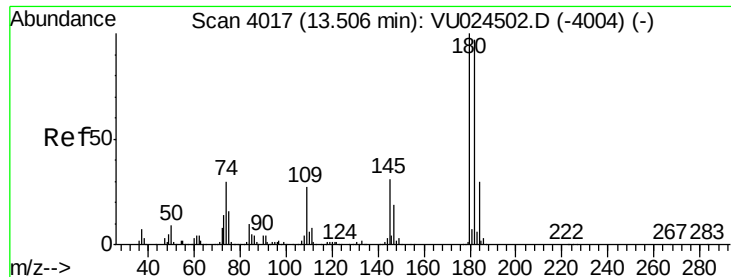
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.75 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.8	40.4	121.2
157	107.9	52.3	156.8





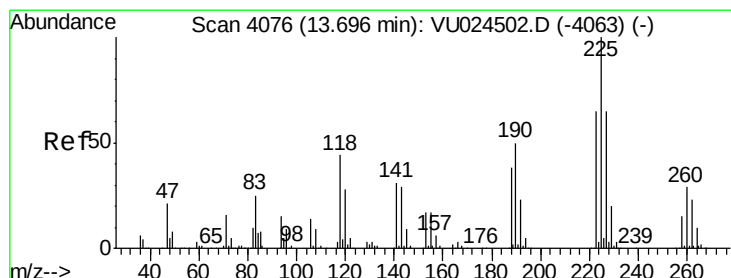
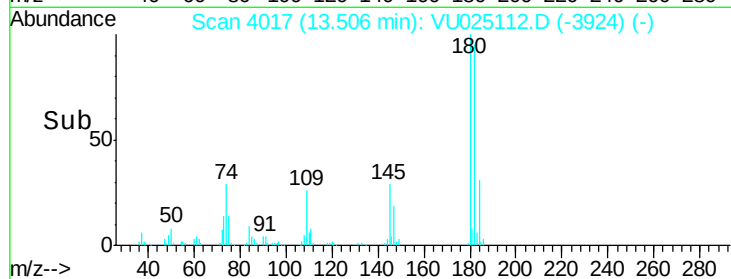
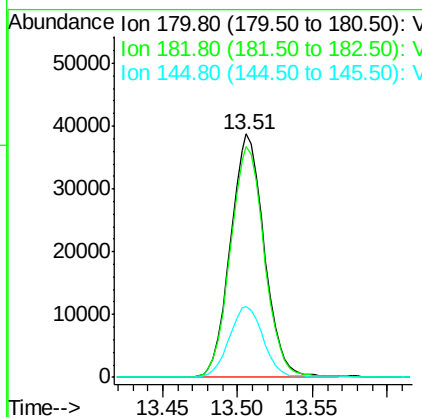
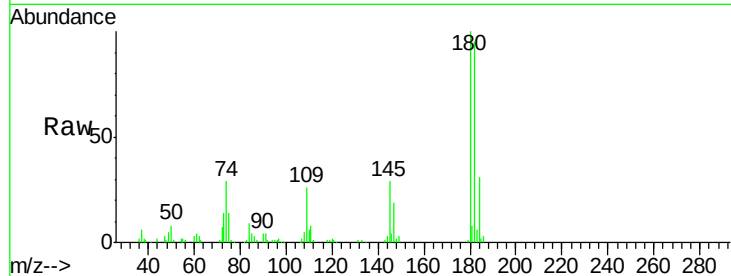
#93
 1,2,4-Trichlorobenzene
 Concen: 20.26 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD02

Tot Ion:	180	Resp:	61054
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.2
145	29.3	14.7	44.1

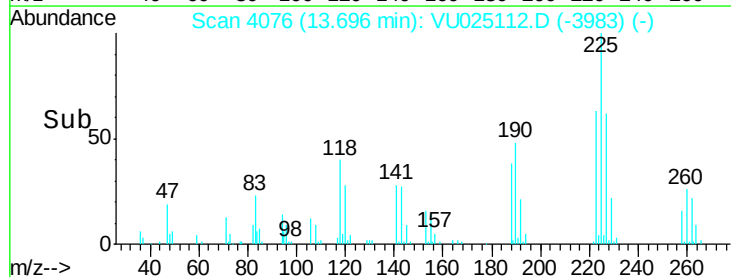
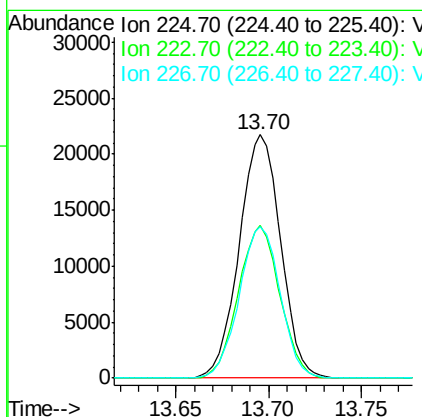
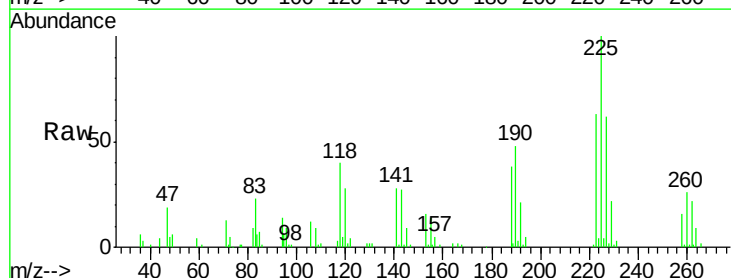
Manual Integrations
 APPROVED

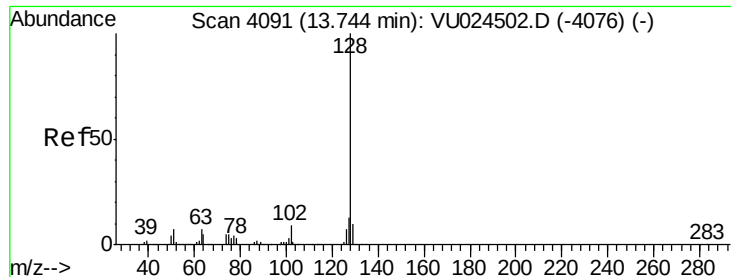
apatel
 7/2/2018 4:16:38 PM



#94
 Hexachlorobutadiene
 Concen: 19.83 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025112.D
 Acq: 01 Jul 2018 01:41

Tgt Ion:	225	Resp:	33646
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.3	93.8
227	61.7	31.8	95.4





#95

Naphthalene

Concen: 21.46 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Instrument :

MSVOA_U

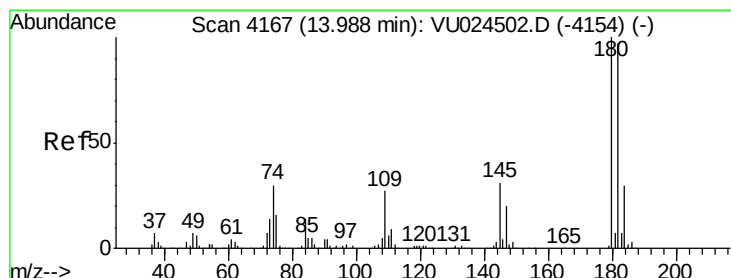
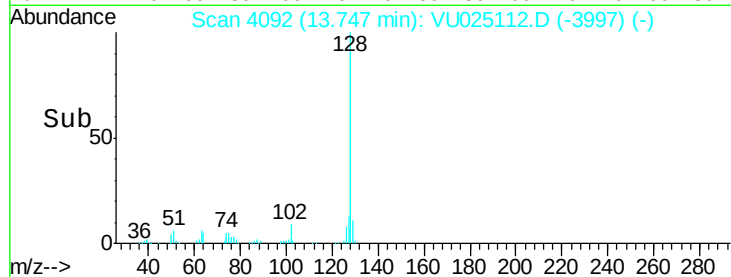
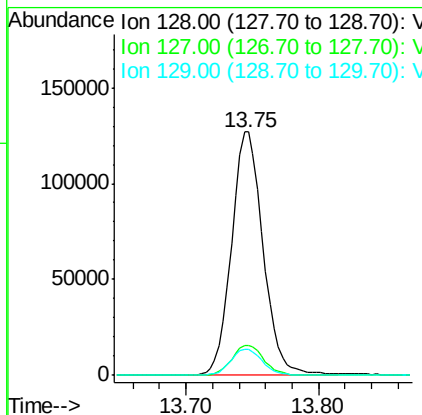
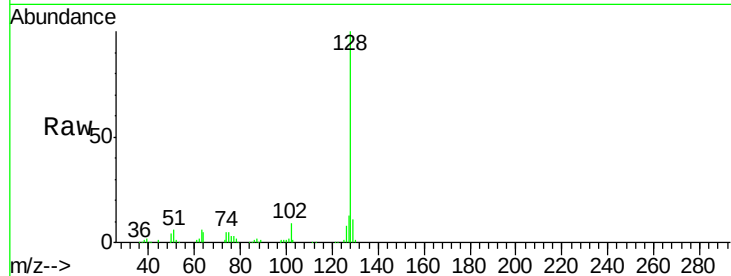
ClientSampleId :

VU0630WBSD02

Tot Ion:	128	Resp:	210212
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations
APPROVED

apatel
7/2/2018 4:16:38 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.91 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025112.D

Acq: 01 Jul 2018 01:41

Tgt Ion:	180	Resp:	65803
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.9	143.7
145	31.1	15.4	46.1

