

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025283.D
 Acq On : 10 Jul 2018 12:43
 Operator : MD/SY
 Sample : VU0710WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Manual Integrations
 APPROVED

apatel
 7/12/2018 11:19:22 AM

Quant Time: Jul 11 07:37:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	111405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	161721	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	82567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	63463	36.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.34%	
35) Dibromofluoromethane	4.89	113	48971	35.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.80%	
50) Toluene-d8	7.57	98	163906	35.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.16%	
62) 4-Bromofluorobenzene	10.31	95	63957	34.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	18496	16.04	ug/l	100
3) Chloromethane	1.33	50	19425	17.28	ug/l	99
4) Vinyl Chloride	1.40	62	20582	16.25	ug/l	98
5) Bromomethane	1.63	94	15186	20.31	ug/l	96
6) Chloroethane	1.70	64	13011	16.35	ug/l #	85
7) Trichlorofluoromethane	1.89	101	33881	17.02	ug/l	97
8) Diethyl Ether	2.10	74	12764	17.08	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	20968	16.99	ug/l	99
10) Methyl Iodide	2.41	142	18052	18.76	ug/l	99
11) Tert butyl alcohol	2.82	59	32154	85.16	ug/l	99
12) 1,1-Dichloroethene	2.28	96	18382	16.28	ug/l	94
13) Acrolein	2.19	56	16829	67.37	ug/l	94
14) Allyl chloride	2.59	41	32597	15.92	ug/l	95
15) Acrylonitrile	2.94	53	66384	85.52	ug/l	99
16) Acetone	2.32	43	78316	91.81	ug/l	99
17) Carbon Disulfide	2.48	76	49421	16.33	ug/l	99
18) Methyl Acetate	2.62	43	31866	17.98	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	73714	17.16	ug/l	99
20) Methylene Chloride	2.70	84	22976	17.61	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	20468	15.86	ug/l	98
22) Diisopropyl ether	3.57	45	69900	16.71	ug/l	96
23) Vinyl Acetate	3.53	43	305987	83.40	ug/l	100
24) 1,1-Dichloroethane	3.45	63	40696	17.25	ug/l	99
25) 2-Butanone	4.26	43	100285	83.59	ug/l	99
26) 2,2-Dichloropropane	4.23	77	38147	16.82	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	24744	16.57	ug/l	97
28) Bromochloromethane	4.55	49	24584	21.58	ug/l	100
29) Tetrahydrofuran	4.64	42	61756	85.82	ug/l	98
30) Chloroform	4.68	83	43304	17.34	ug/l	100
31) Cyclohexane	5.00	56	36678	17.27	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	38734	17.11	ug/l	99
36) 1,1-Dichloropropene	5.14	75	28845	16.04	ug/l	98
37) Ethyl Acetate	4.38	43	35060	17.49	ug/l	99
38) Carbon Tetrachloride	5.14	117	32473	16.78	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	36052	16.08	ug/l	99
40) Benzene	5.39	78	89354	17.25	ug/l	100
41) Methacrylonitrile	4.54	41	19180	17.25	ug/l	98
42) 1,2-Dichloroethane	5.41	62	36864	17.90	ug/l	98
43) Isopropyl Acetate	5.55	43	56728	17.67	ug/l	100
44) Trichloroethene	6.19	130	23412	15.74	ug/l	96
45) 1,2-Dichloropropane	6.44	63	22843	16.83	ug/l	93
46) Dibromomethane	6.56	93	16920	17.13	ug/l	98
47) Bromodichloromethane	6.76	83	32510	17.72	ug/l	98
48) Methyl methacrylate	6.63	41	28243	17.64	ug/l	99
49) 1,4-Dioxane	6.61	88	13415	348.29	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	180658	86.57	ug/l	99
52) Toluene	7.64	92	54926	16.66	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	34269	17.00	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	35935	16.75	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	23589	17.18	ug/l	97
56) Ethyl methacrylate	8.02	69	36158	16.86	ug/l	99
57) 1,3-Dichloropropane	8.25	76	38506	16.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	72430	76.50	ug/l	98
59) 2-Hexanone	8.36	43	142032	83.90	ug/l	100
60) Dibromochloromethane	8.48	129	24485	16.51	ug/l	98
61) 1,2-Dibromoethane	8.59	107	25231	17.18	ug/l	100
64) Tetrachloroethene	8.23	164	22260	16.38	ug/l	96
65) Chlorobenzene	9.12	112	62424	16.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	23167	17.39	ug/l	97
67) Ethyl Benzene	9.25	91	104762	16.50	ug/l	98
68) m/p-Xylenes	9.38	106	83019	33.83	ug/l	99
69) o-Xylene	9.78	106	40983	16.68	ug/l	94
70) Styrene	9.80	104	63404	16.24	ug/l	98
71) Bromoform	9.96	173	18518	17.65	ug/l #	98
73) Isopropylbenzene	10.17	105	108908	17.26	ug/l	98
74) N-amyl acetate	10.02	43	44423	18.04	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	37591	18.21	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	33719m	20.32	ug/l	
77) Bromobenzene	10.46	156	27869	17.27	ug/l	99
78) n-propylbenzene	10.59	91	116838	16.69	ug/l	99
79) 2-Chlorotoluene	10.66	91	74775	18.69	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	90209	16.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	11812m	17.96	ug/l	
82) 4-Chlorotoluene	10.78	91	83732	16.89	ug/l	98
83) tert-Butylbenzene	11.10	119	91959	17.14	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	92334	16.97	ug/l	99
85) sec-Butylbenzene	11.33	105	109746	17.38	ug/l	99
86) p-Isopropyltoluene	11.48	119	93182	16.66	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	47878	16.23	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	47792	17.58	ug/l	98
89) n-Butylbenzene	11.89	91	71343	15.52	ug/l	99
90) Hexachloroethane	12.15	117	15784	16.67	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	50459	16.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	8303	16.59	ug/l	98

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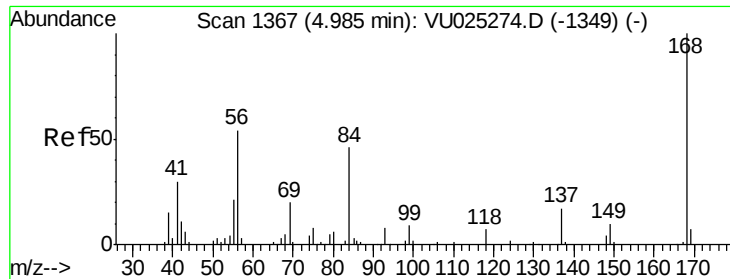
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	25423	15.19	ug/l	97
94) Hexachlorobutadiene	13.70	225	17259	16.20	ug/l	97
95) Naphthalene	13.75	128	86475	15.99	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	28211	15.75	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion:168 Resp: 111405

Ion Ratio Lower Upper

168 100

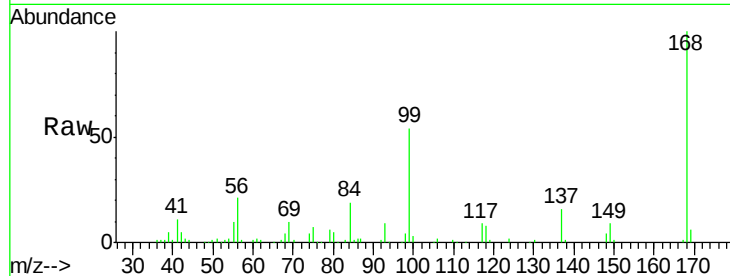
99 53.6 42.8 64.2

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Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

50000

40000

30000

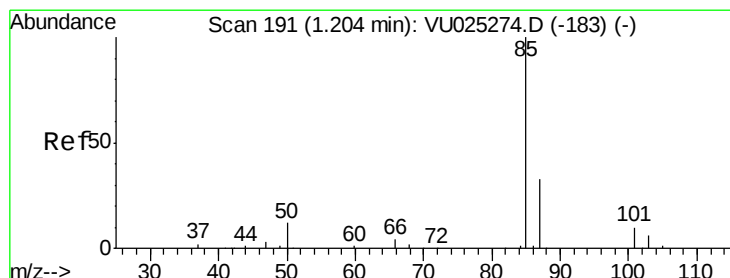
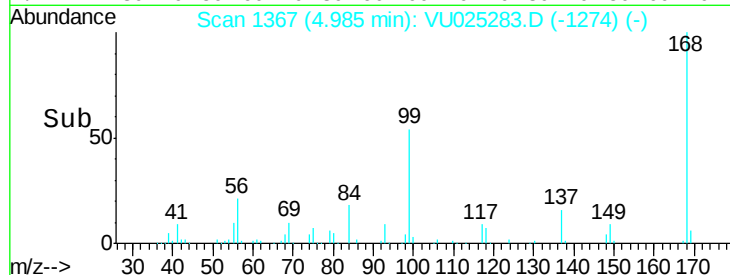
20000

10000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.04 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025283.D

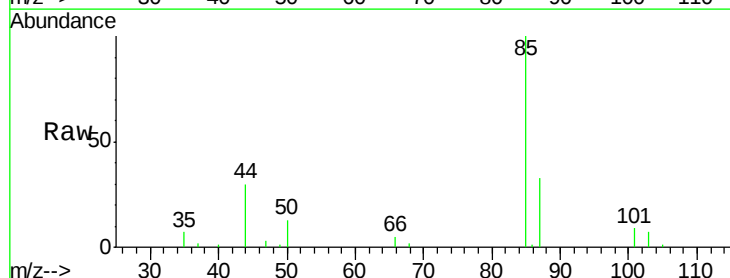
Acq: 10 Jul 2018 12:43

Tgt Ion: 85 Resp: 18496

Ion Ratio Lower Upper

85 100

87 33.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025274.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025274.D (-183) (-)

1.21

20000

15000

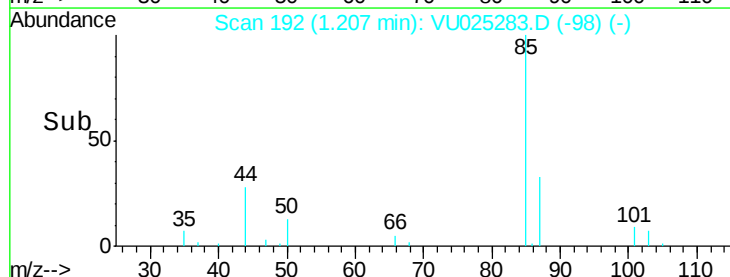
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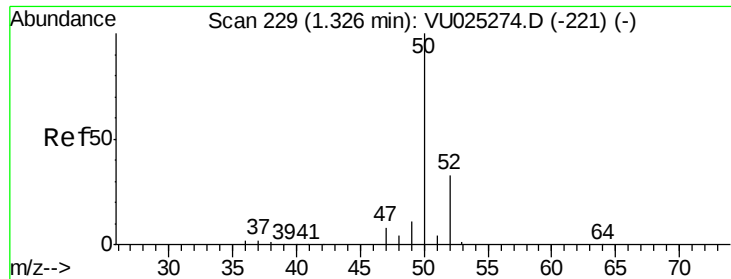
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.28 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion: 50 Resp: 19425

Ion Ratio Lower Upper

50 100

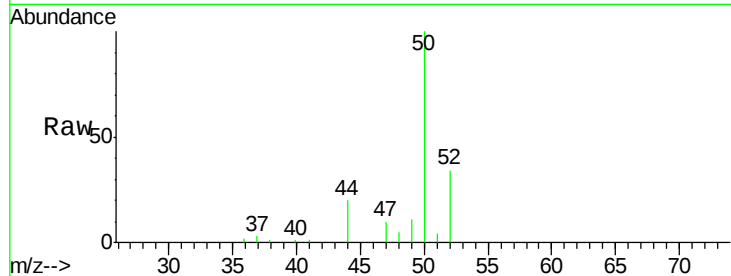
52 33.7 26.5 39.7

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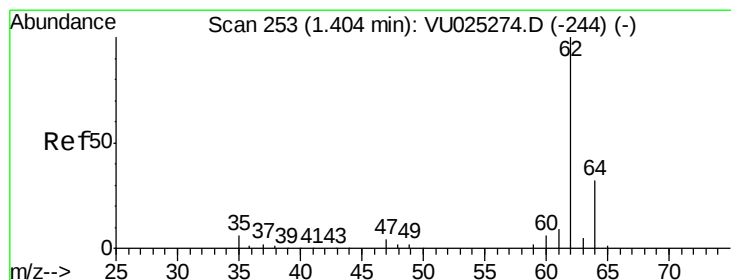
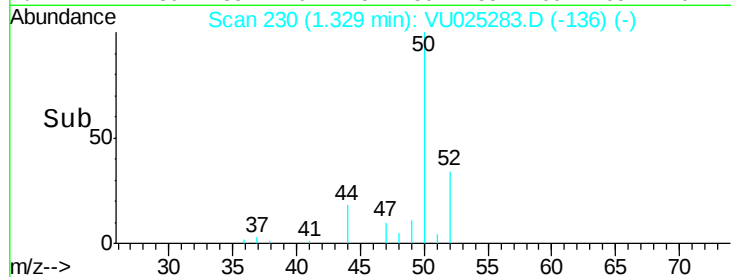
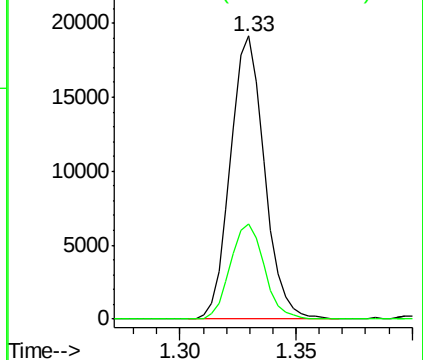
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 16.25 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025283.D

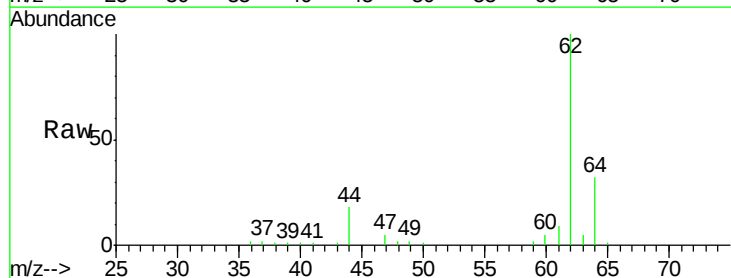
Acq: 10 Jul 2018 12:43

Tgt Ion: 62 Resp: 20582

Ion Ratio Lower Upper

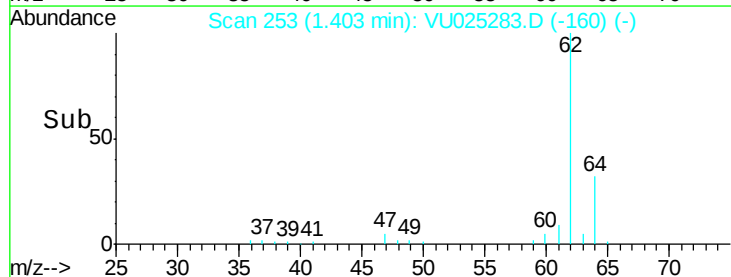
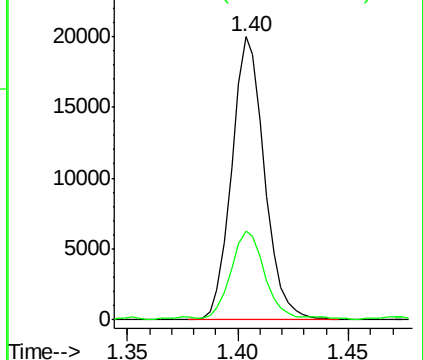
62 100

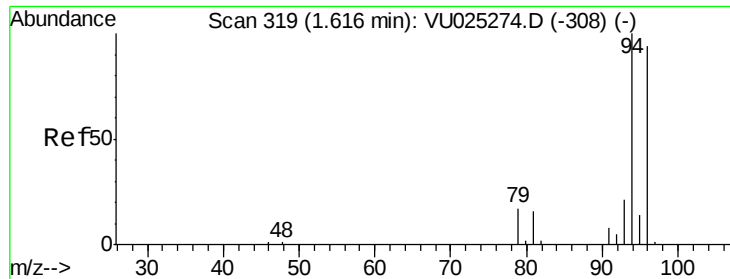
64 30.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 20.31 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion: 94 Resp: 15186

Ion Ratio Lower Upper

94 100

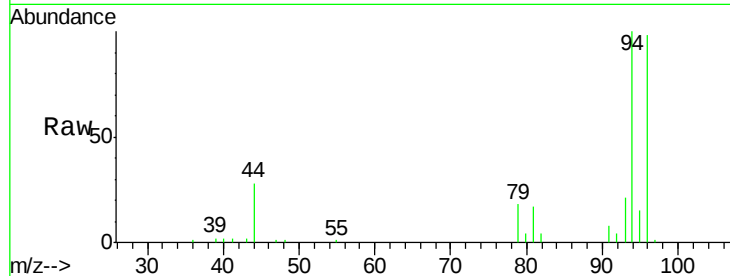
96 98.0 75.0 112.4

Manual Integrations

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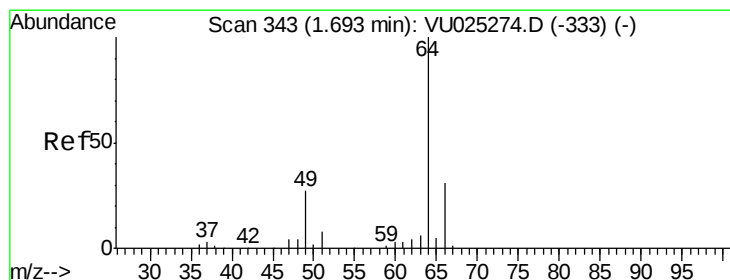
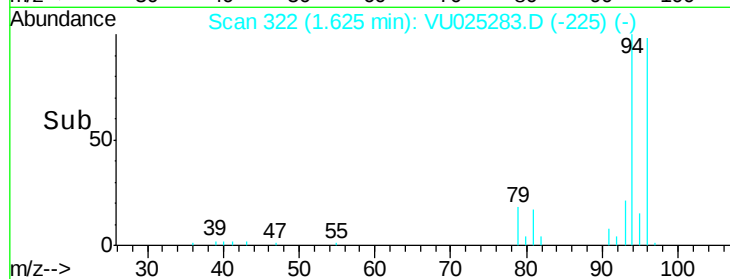
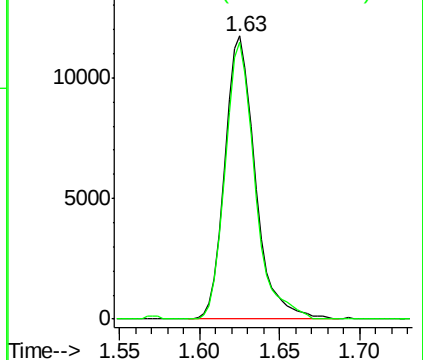
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 16.35 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025283.D

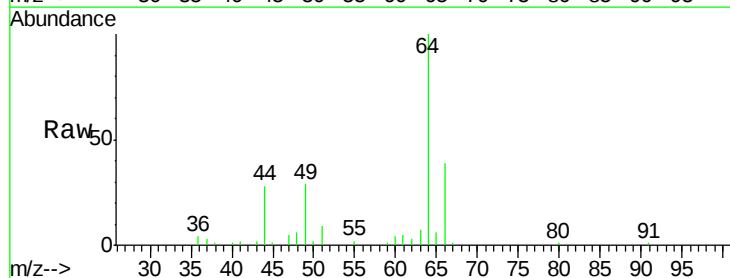
Acq: 10 Jul 2018 12:43

Tgt Ion: 64 Resp: 13011

Ion Ratio Lower Upper

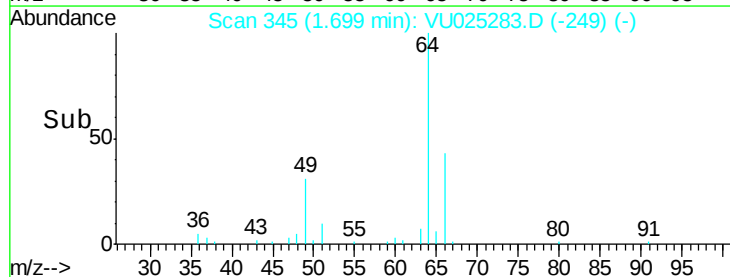
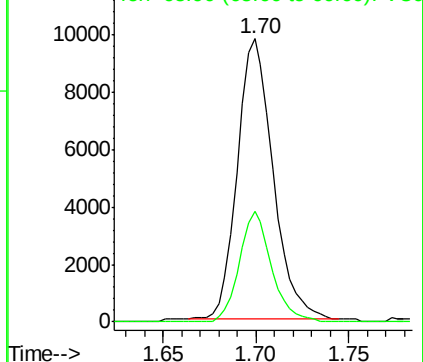
64 100

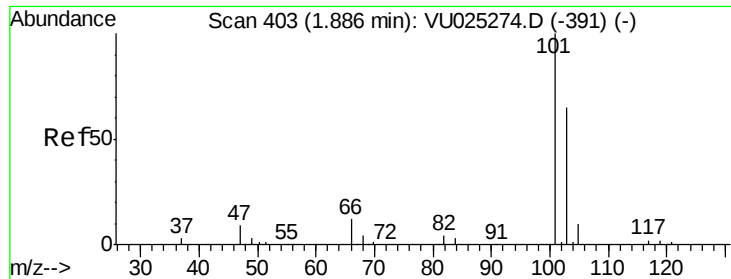
66 39.5 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

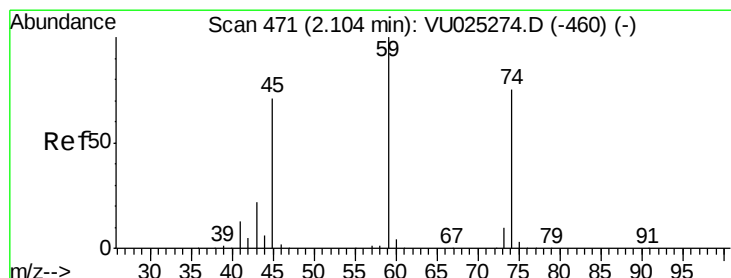
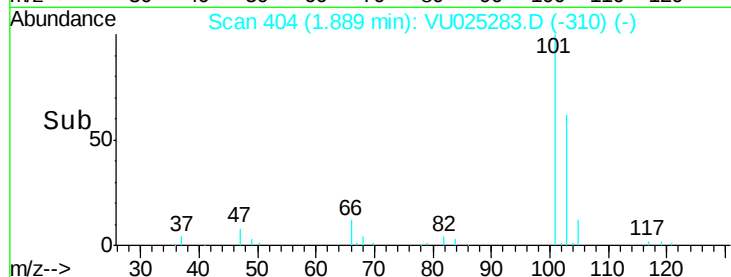
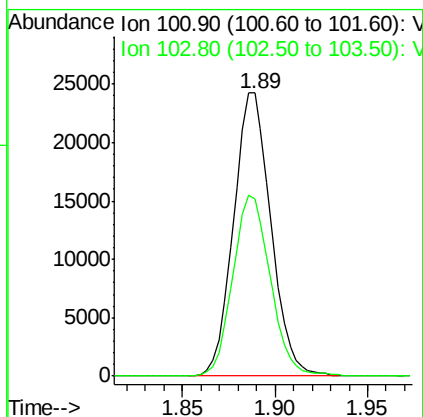
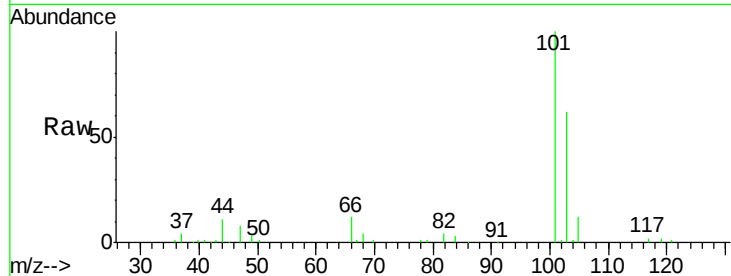
Trichlorofluoromethane
 Concen: 17.02 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion:101 Resp: 33881
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.2 78.2

Manual Integrations
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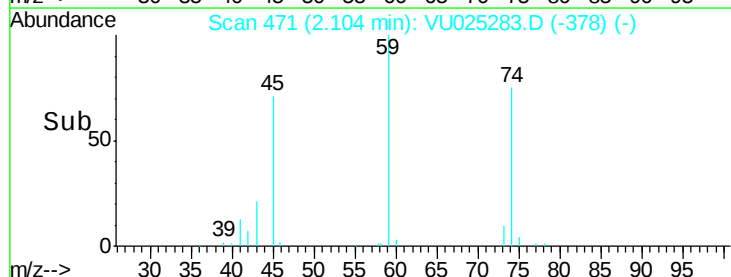
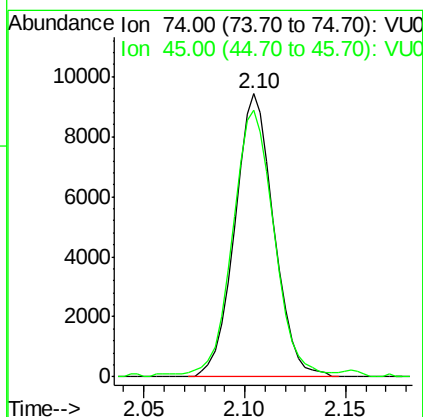
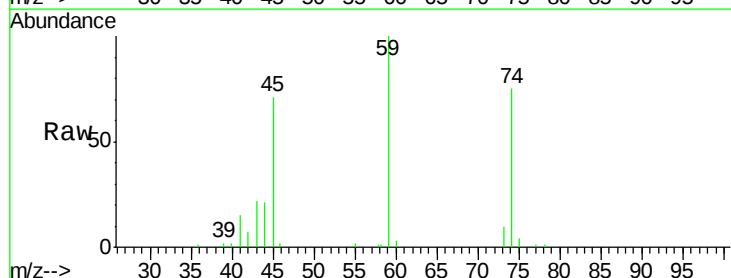
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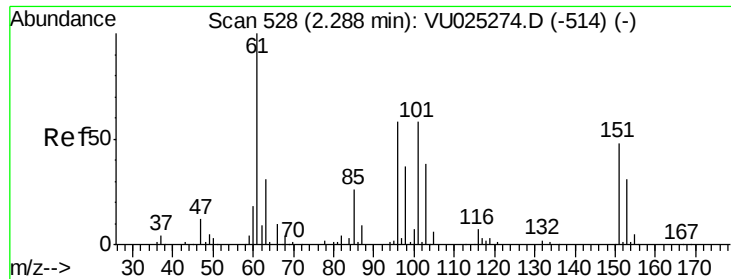


#8

Diethyl Ether
 Concen: 17.08 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 74 Resp: 12764
 Ion Ratio Lower Upper
 74 100
 45 97.0 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.99 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

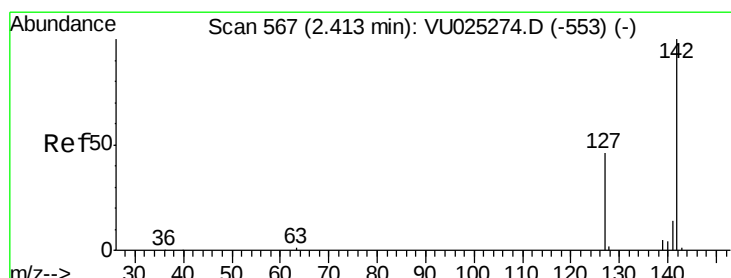
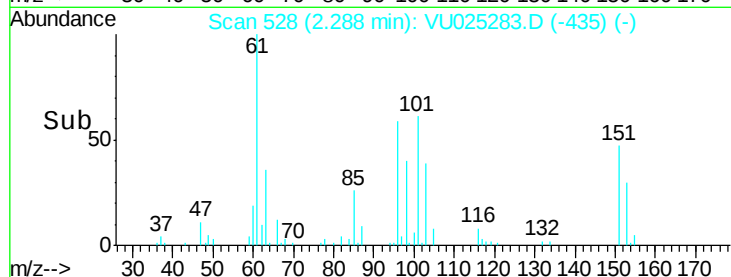
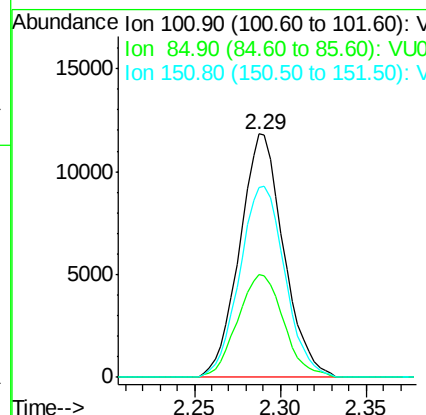
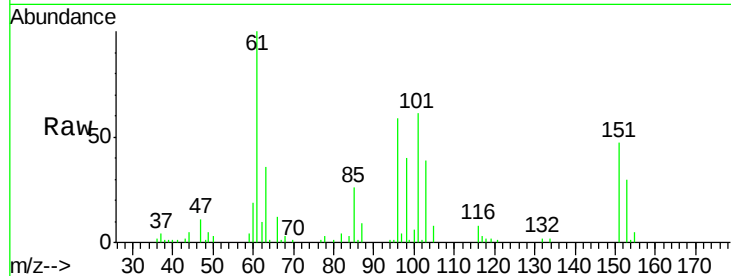
ClientSampleId :

VU0710WBS01

Tot Ion:	101	Resp:	20968
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	80.6	65.6	98.4

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#10

Methyl Iodide

Concen: 18.76 ug/l

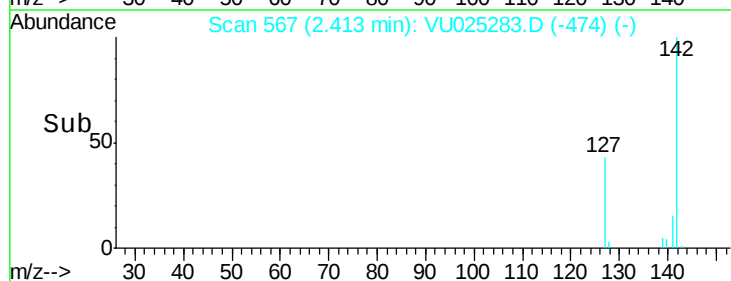
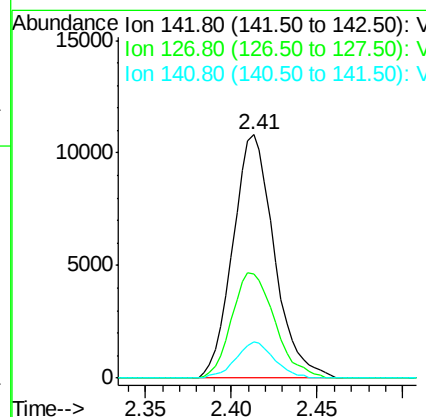
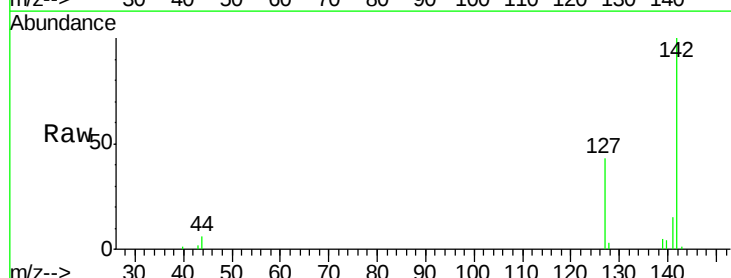
RT: 2.41 min Scan# 567

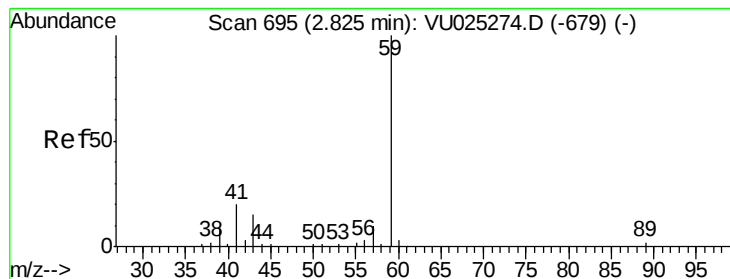
Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	142	Resp:	18052
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.5	54.7
141	13.9	11.4	17.2





#11

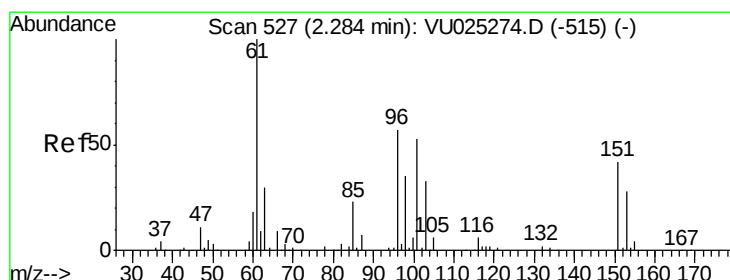
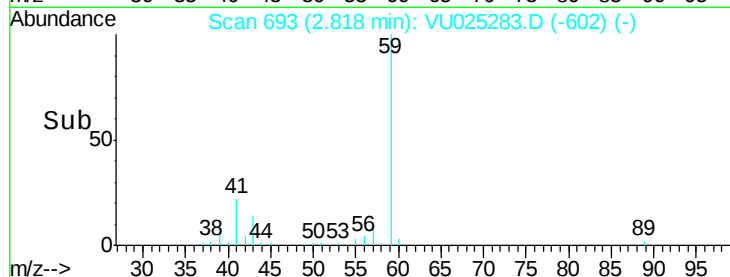
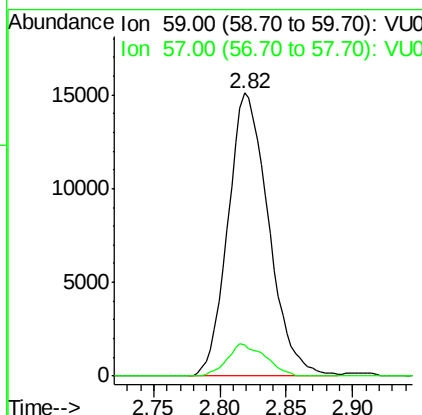
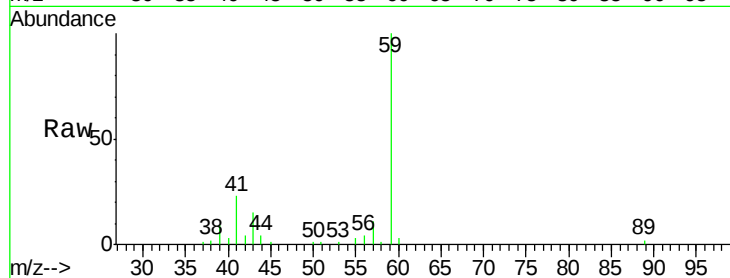
Tert butyl alcohol
Concen: 85.16 ug/l
RT: 2.82 min Scan# 693
Delta R.T. -0.01 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

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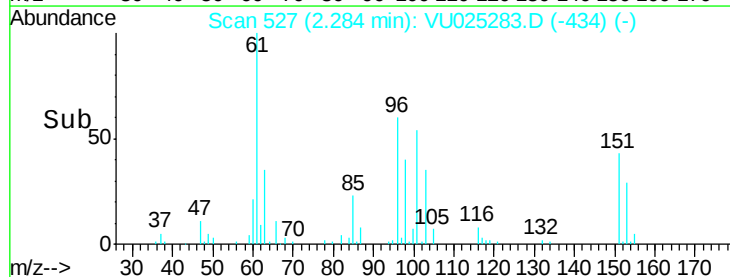
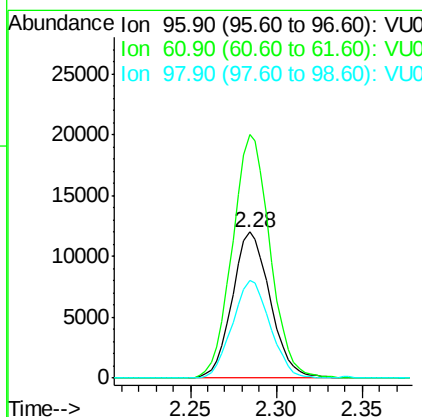
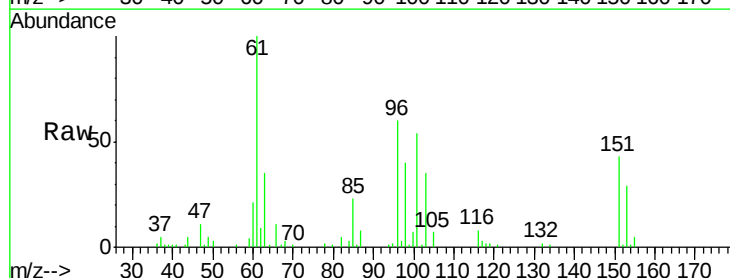
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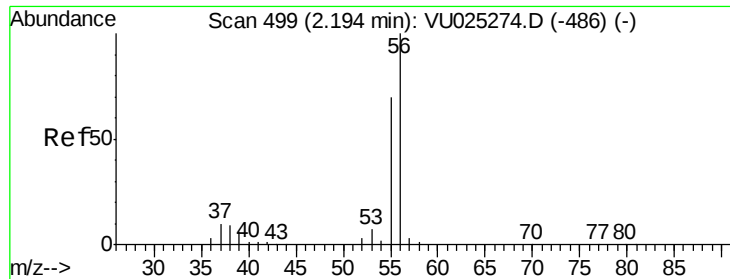


#12

1,1-Dichloroethene
Concen: 16.28 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.0	140.2	210.4
98	66.8	49.3	73.9





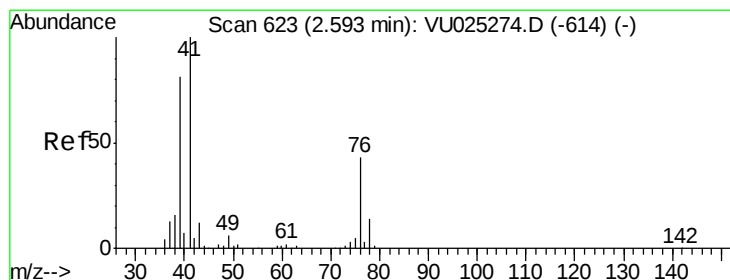
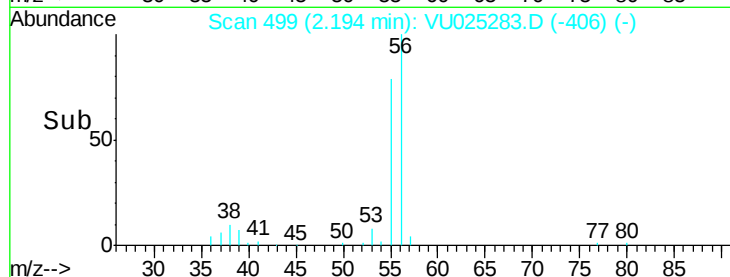
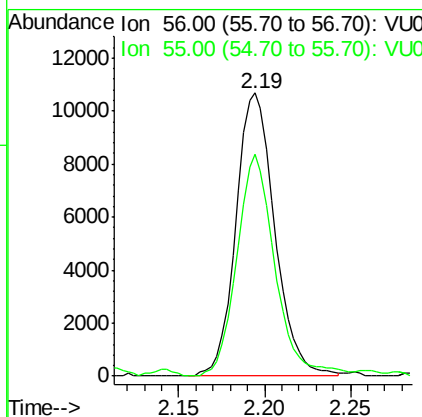
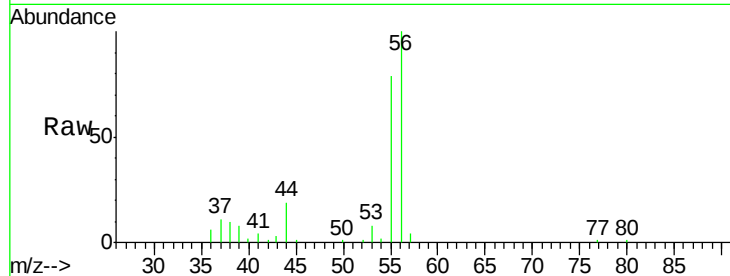
#13
Acrolein
Concen: 67.37 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	76.7	57.2	85.8

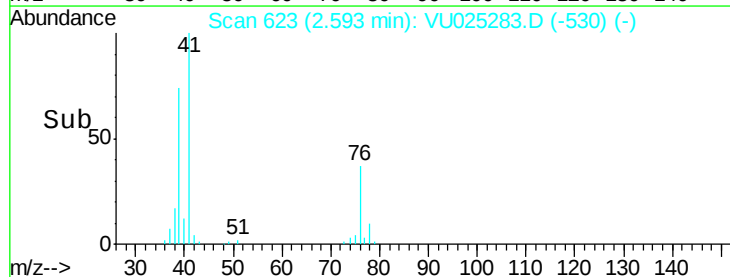
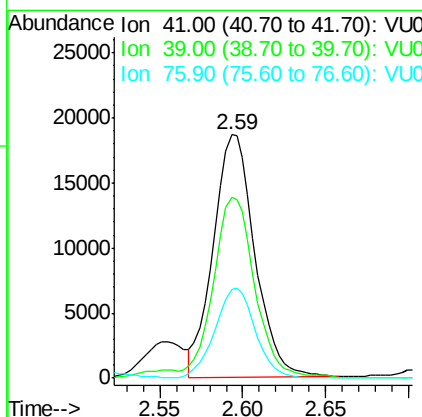
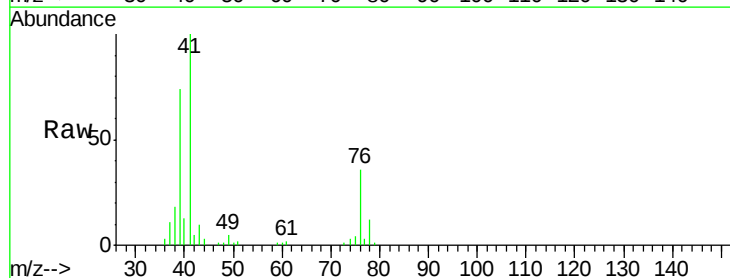
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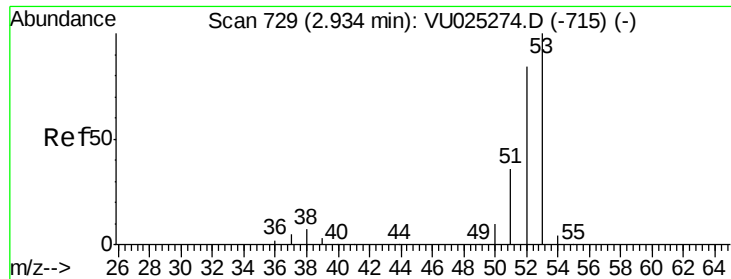
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#14
Allyl chloride
Concen: 15.92 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
41	100		
39	71.7	60.6	91.0
76	35.7	30.5	45.7





#15

Acrylonitrile

Concen: 85.52 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

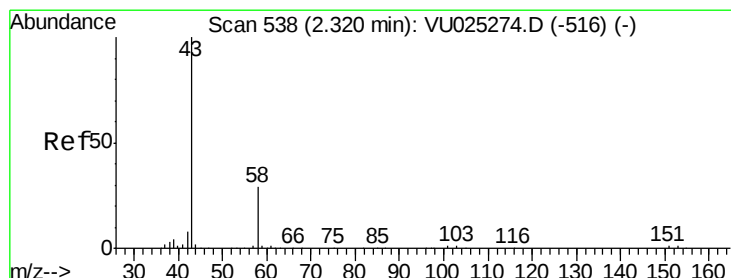
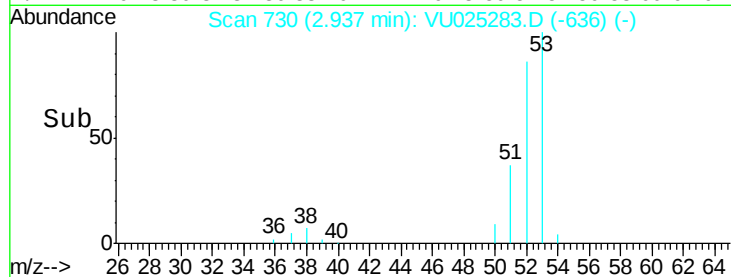
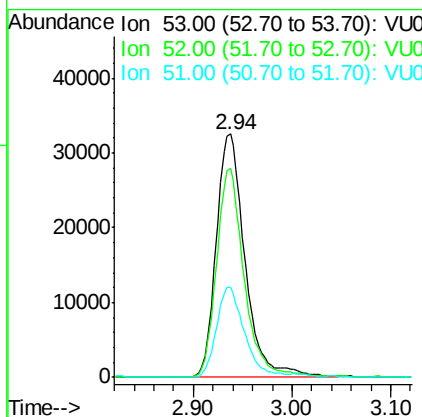
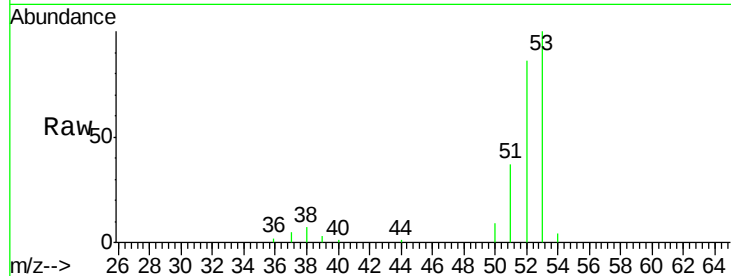
ClientSampleId :

VU0710WBS01

Tot Ion:	53	Resp:	66384
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	99.8
51	36.0	29.4	44.2

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#16

Acetone

Concen: 91.81 ug/l

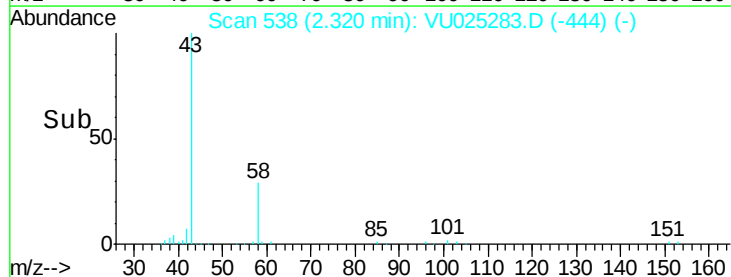
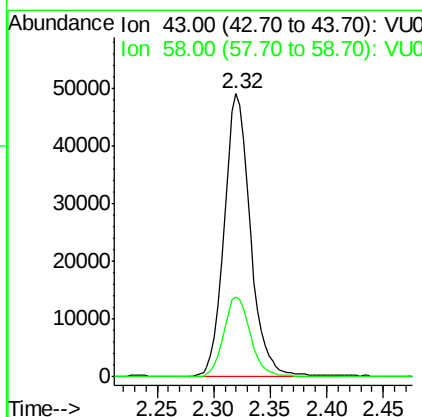
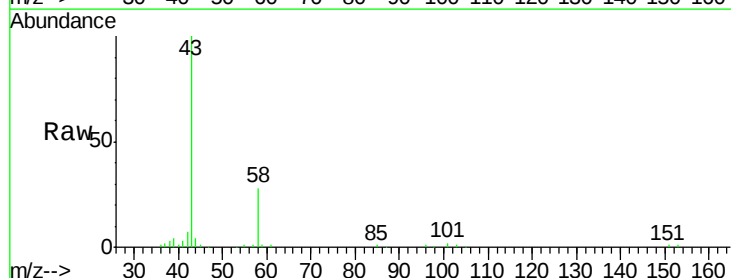
RT: 2.32 min Scan# 538

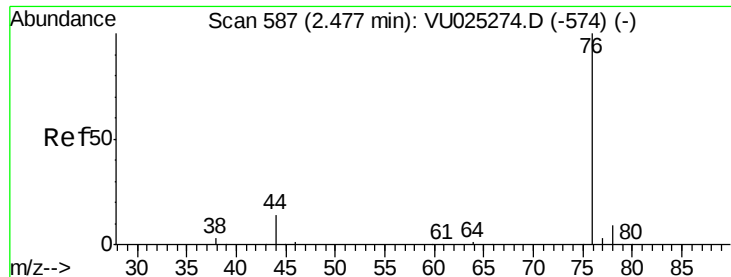
Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	43	Resp:	78316
Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.1	34.7





#17

Carbon Disulfide

Concen: 16.33 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Tot Ion: 76 Resp: 49421

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2

Instrument :

MSVOA_U

ClientSampleId :

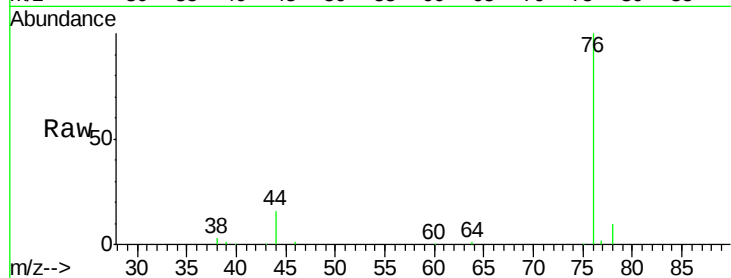
VU0710WBS01

Manual Integrations

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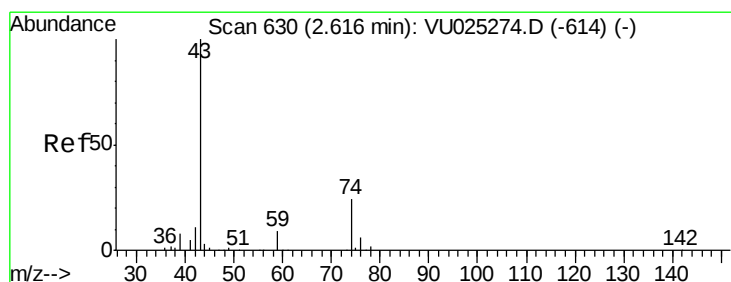
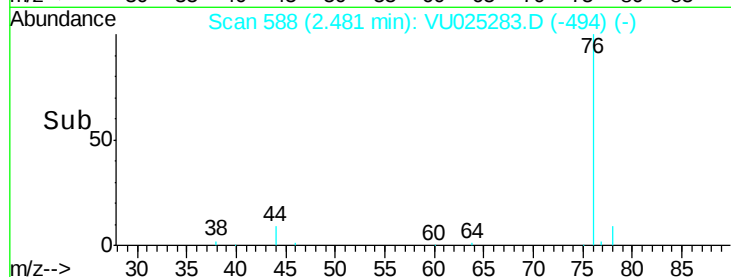
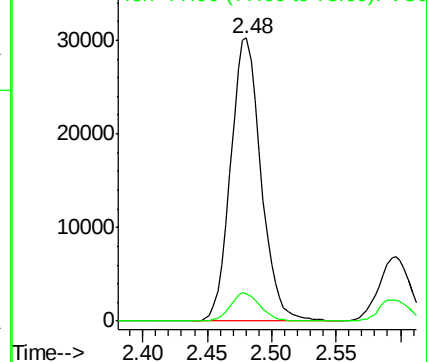
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 17.98 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025283.D

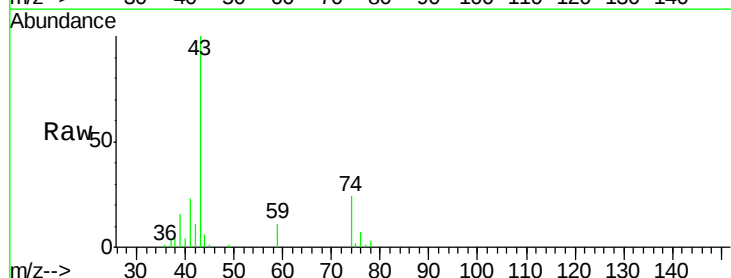
Acq: 10 Jul 2018 12:43

Tgt Ion: 43 Resp: 31866

Ion Ratio Lower Upper

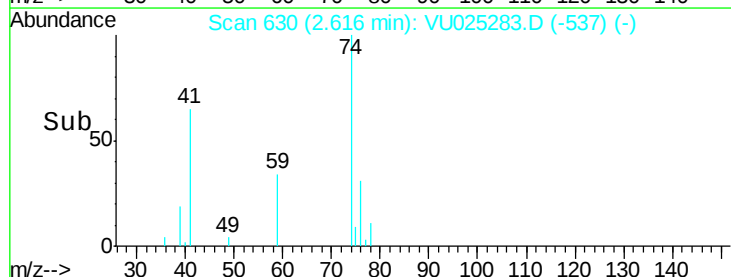
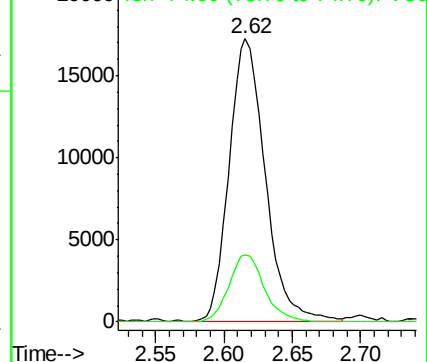
43 100

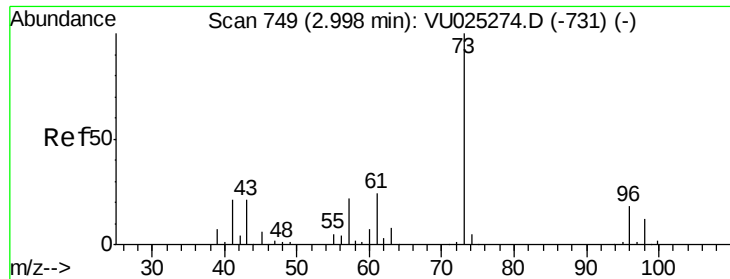
74 23.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





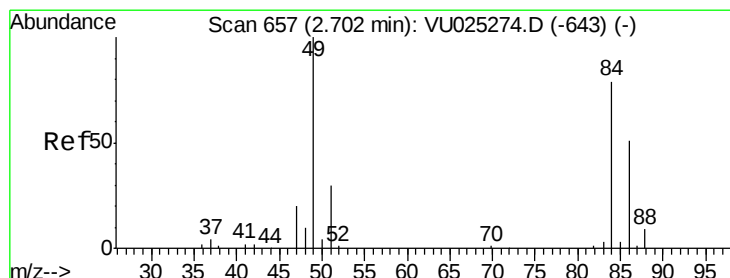
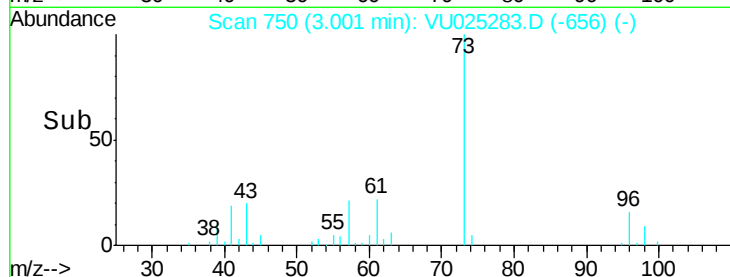
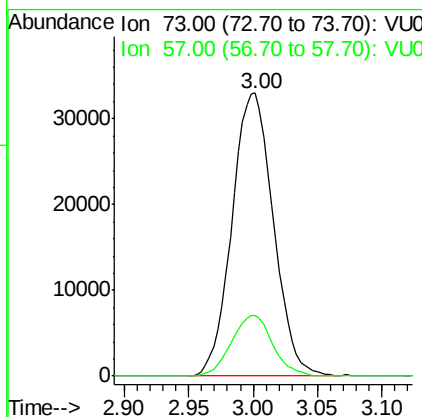
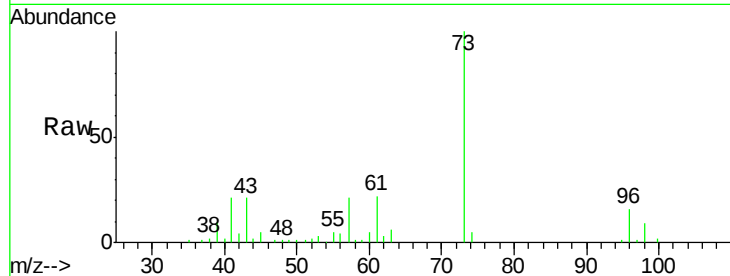
#19
Methvl tert-butvl Ether
Concen: 17.16 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 73 Resp: 73714
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2

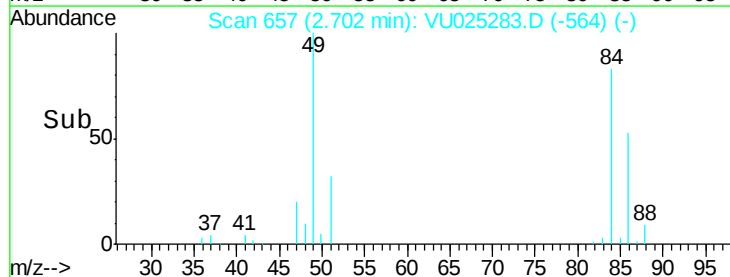
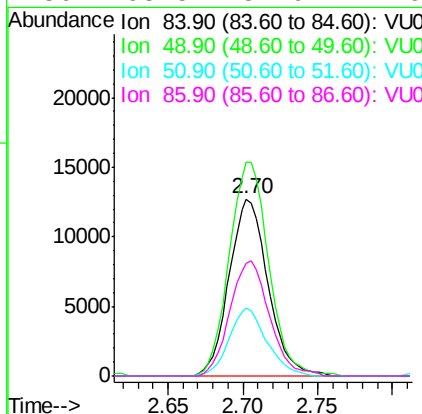
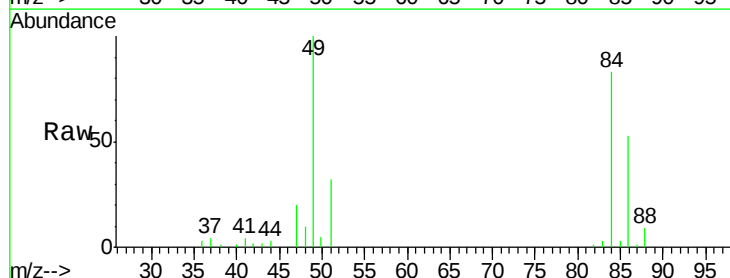
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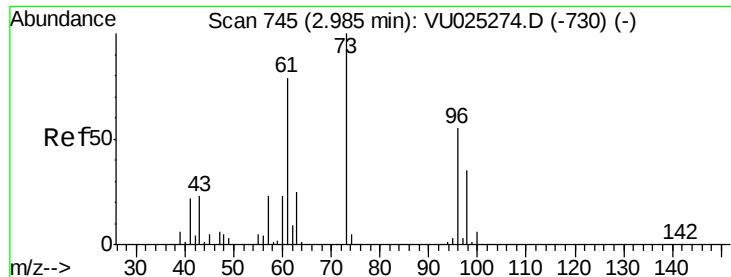
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#20
Methylene Chloride
Concen: 17.61 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 84 Resp: 22976
Ion Ratio Lower Upper
84 100
49 120.8 101.8 152.6
51 38.5 30.8 46.2
86 63.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 15.86 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion: 96 Resp: 20468

Ion Ratio Lower Upper

96 100

61 141.9 114.5 171.7

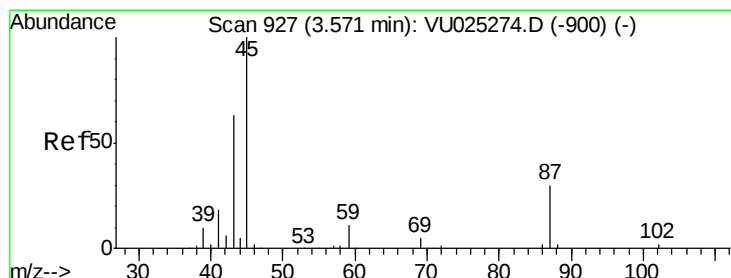
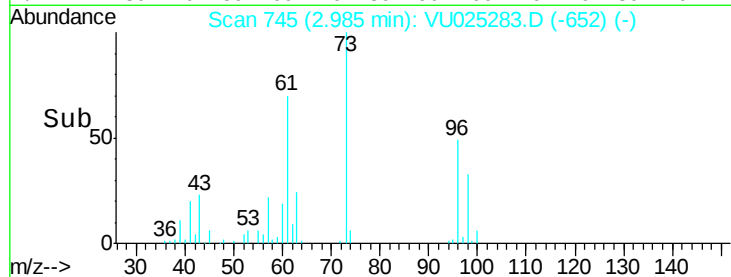
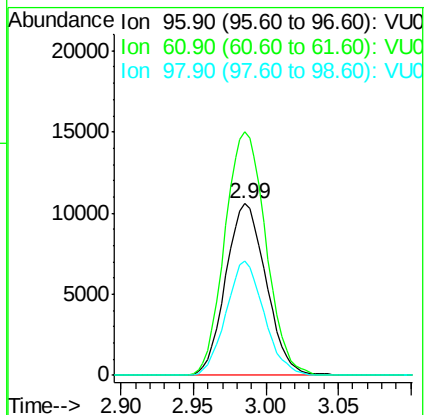
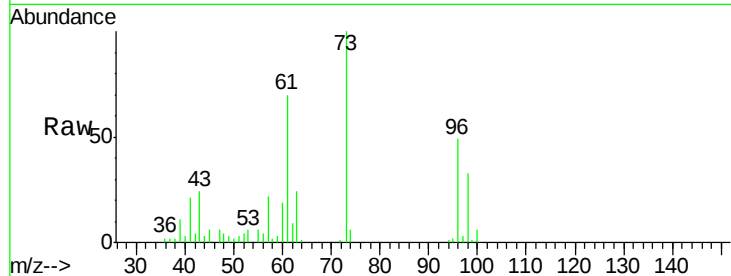
98 66.9 50.5 75.7

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#22

Diisopropyl ether

Concen: 16.71 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Tgt Ion: 45 Resp: 69900

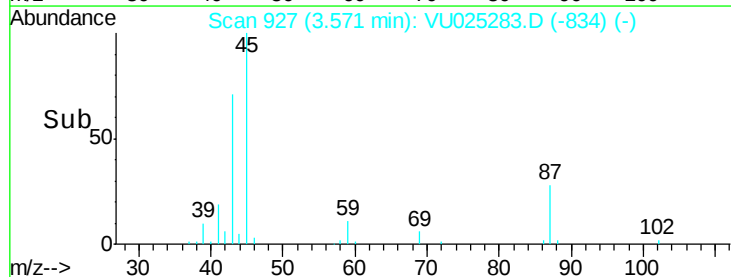
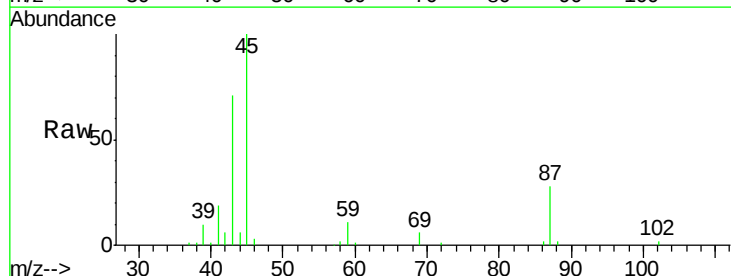
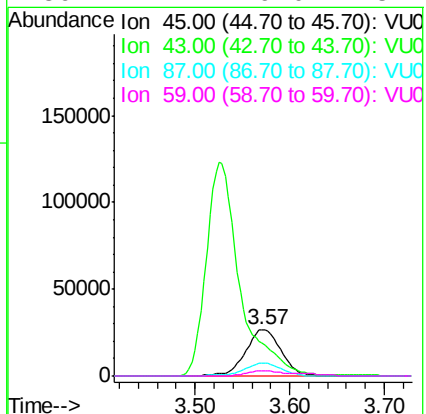
Ion Ratio Lower Upper

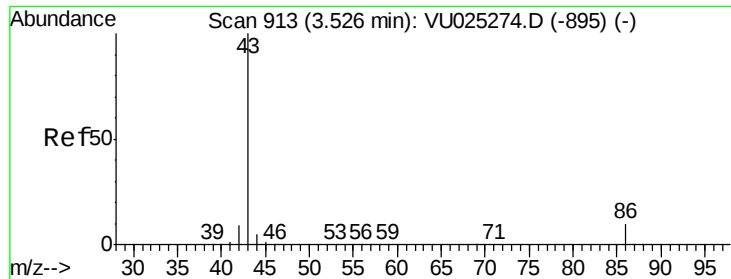
45 100

43 67.8 50.9 76.3

87 28.4 23.8 35.8

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 83.40 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion: 43 Resp: 305987

Ion Ratio Lower Upper

43 100

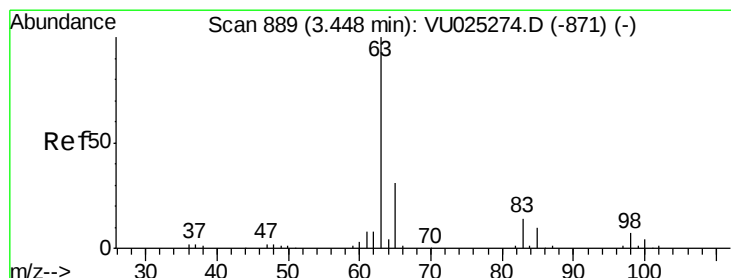
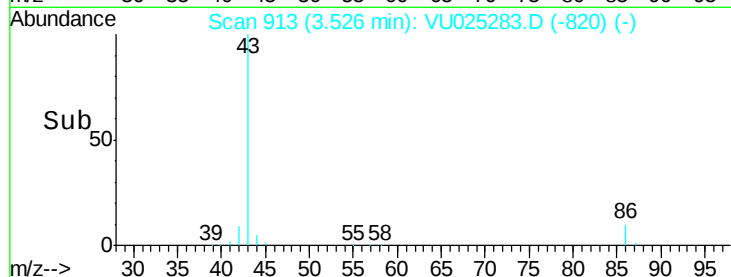
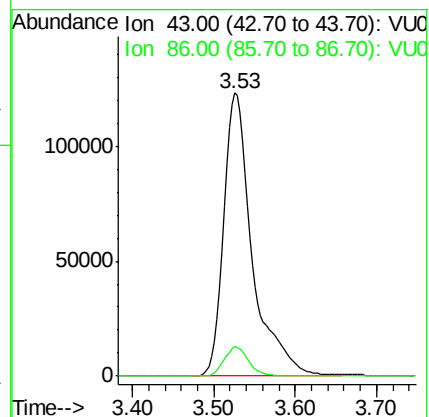
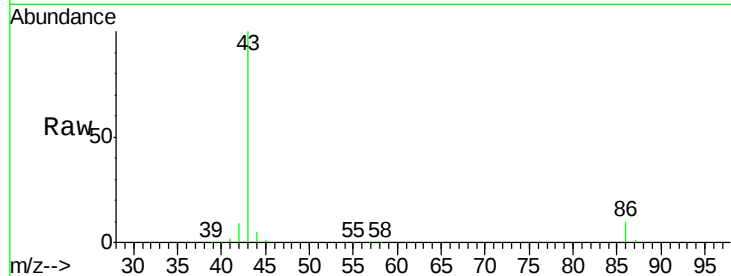
86 10.4 8.2 12.2

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#24

1,1-Dichloroethane

Concen: 17.25 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

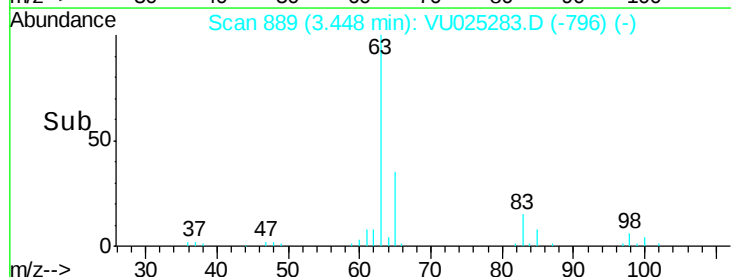
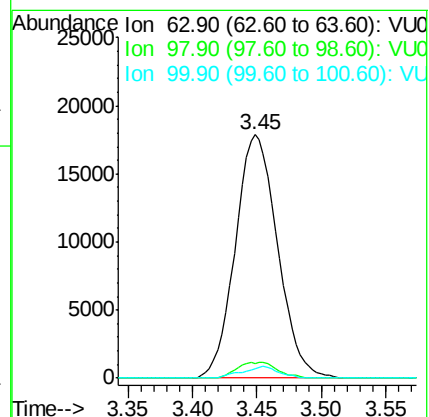
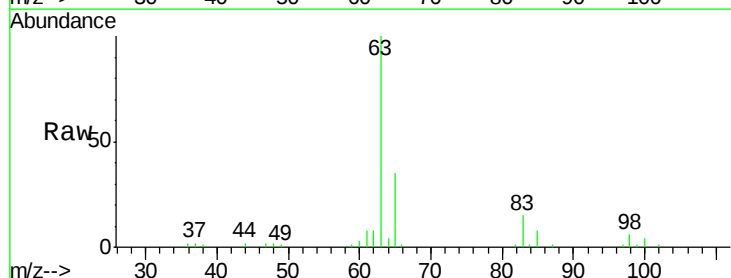
Tgt Ion: 63 Resp: 40696

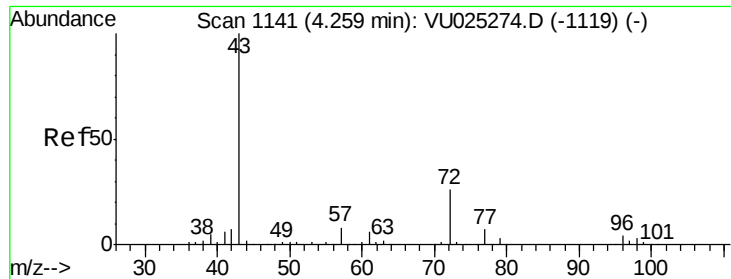
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 83.59 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion: 43 Resp: 100285

Ion Ratio Lower Upper

43 100

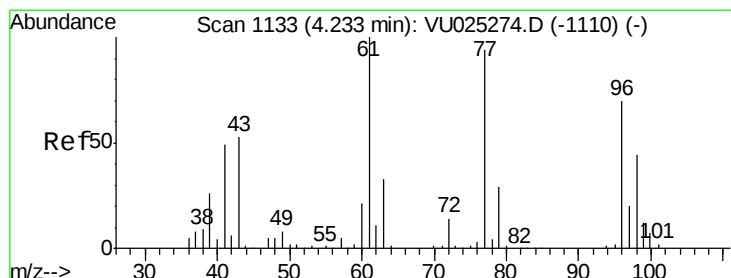
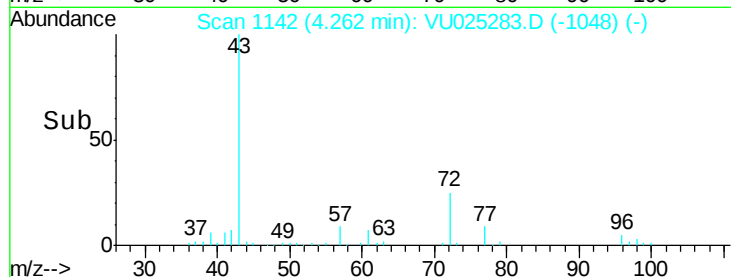
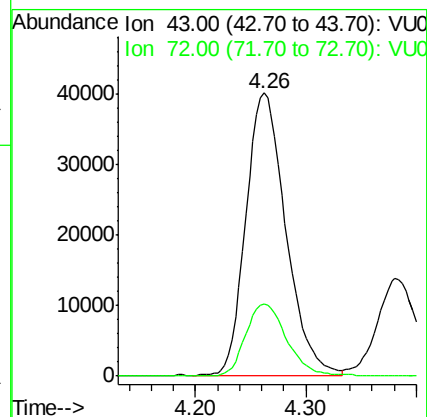
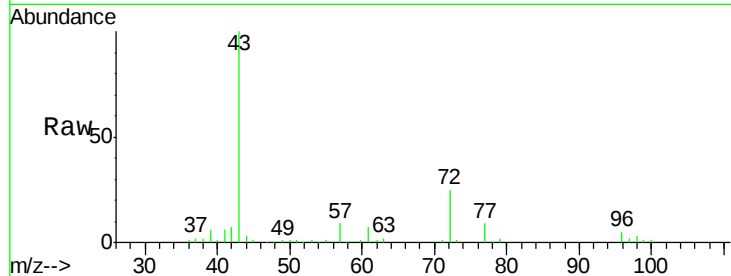
72 25.5 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 16.82 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025283.D

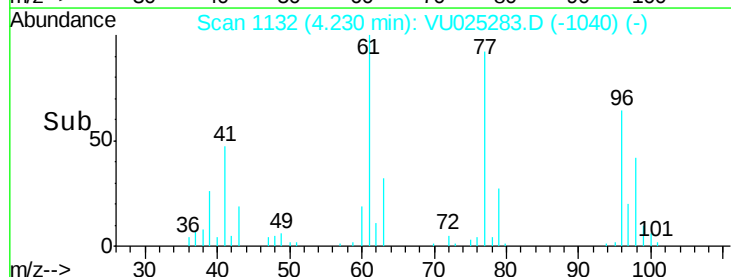
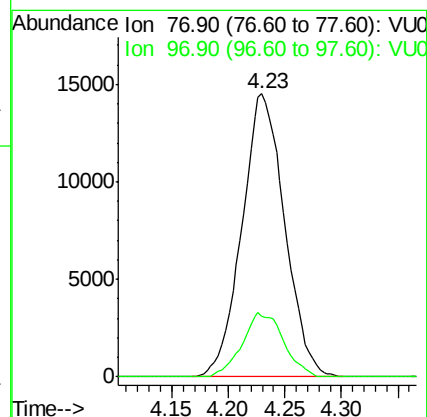
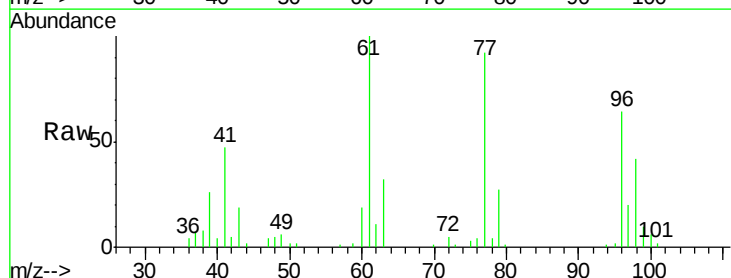
Acq: 10 Jul 2018 12:43

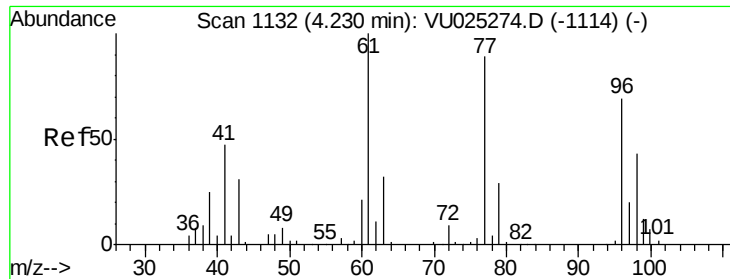
Tgt Ion: 77 Resp: 38147

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5





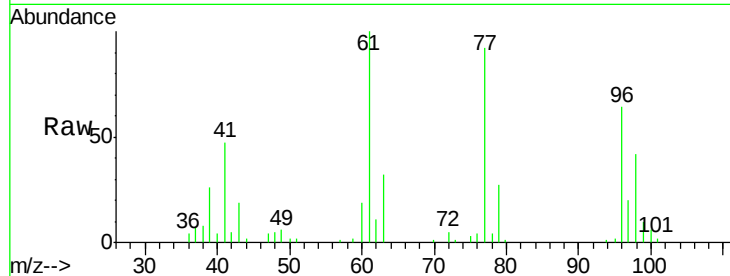
#27
 cis-1,2-Dichloroethene
 Concen: 16.57 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	299.8
98	63.2	0.0	128.6

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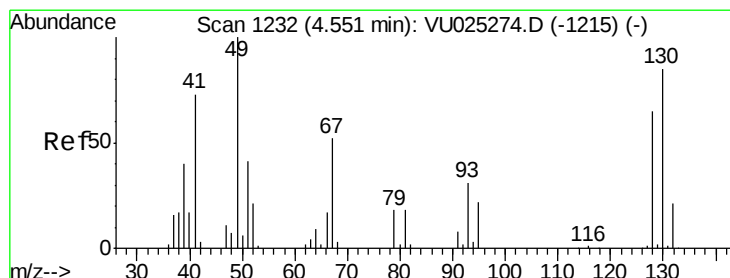
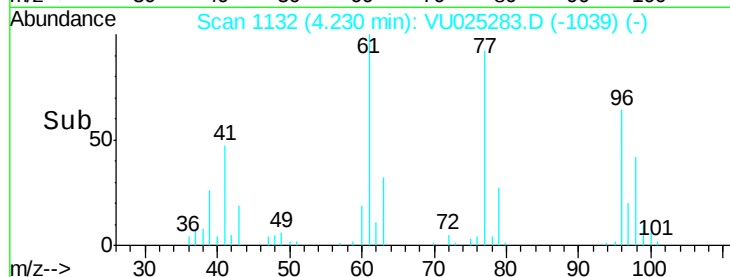
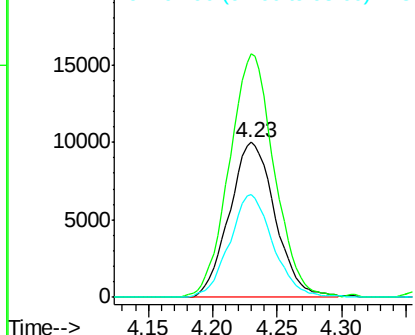


Abundance

Ion 95.90 (95.60 to 96.60): VU0

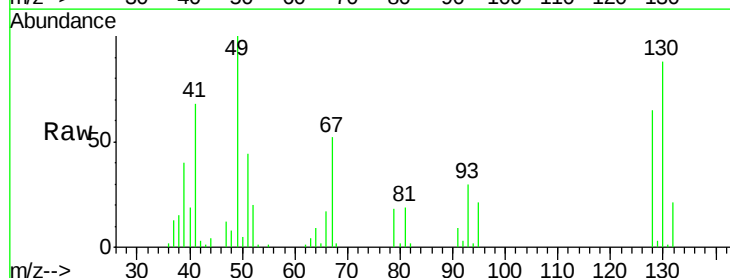
Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28
 Bromochloromethane
 Concen: 21.58 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	85.7	68.6	102.8

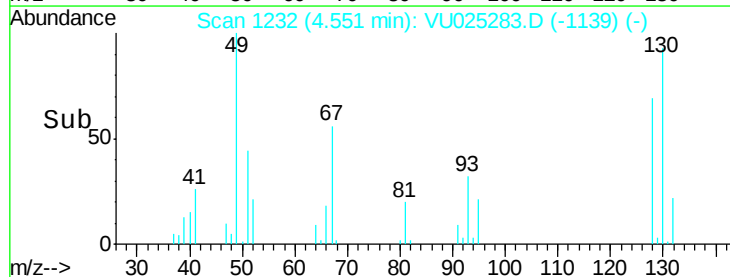
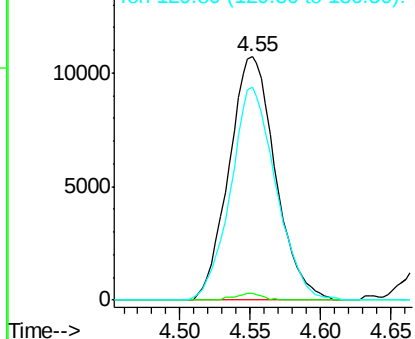


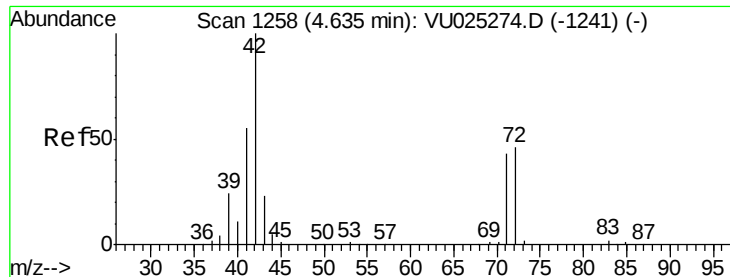
Abundance

Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





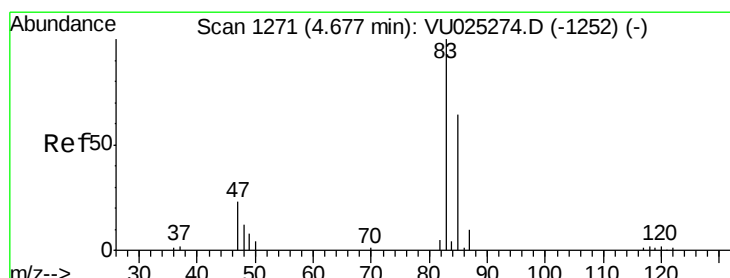
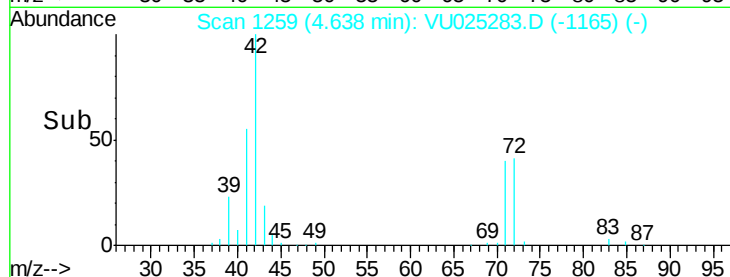
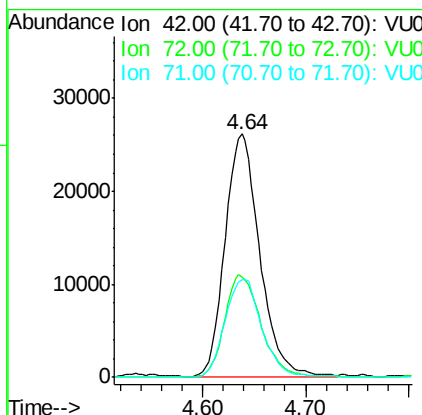
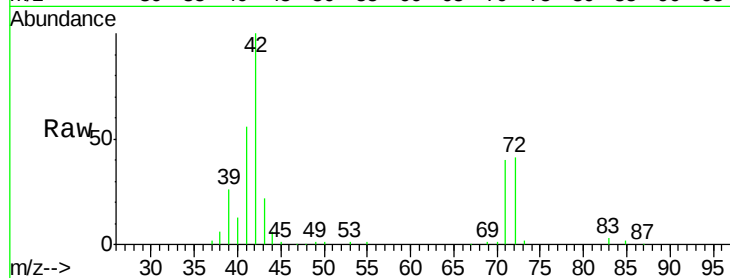
#29
Tetrahydrofuran
Concen: 85.82 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	36.7	55.1
71	42.3	33.9	50.9

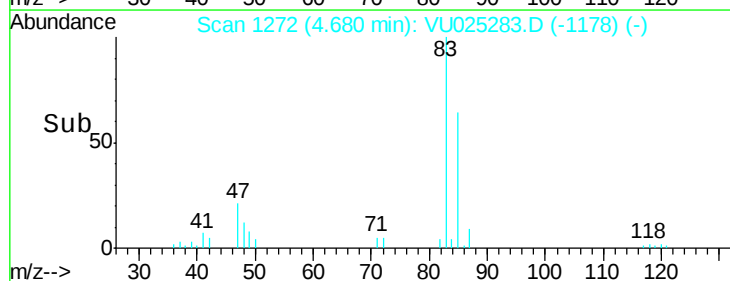
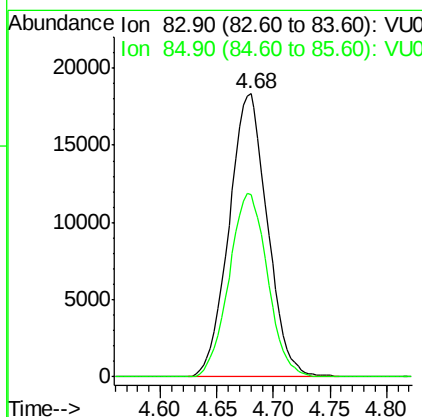
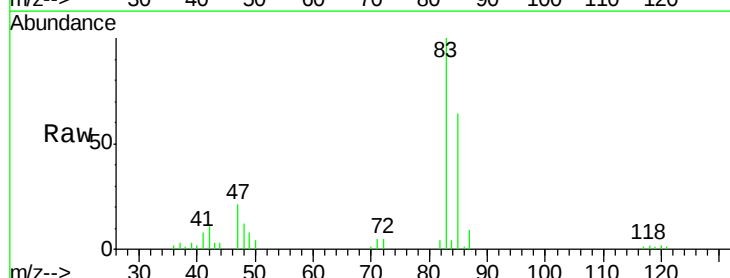
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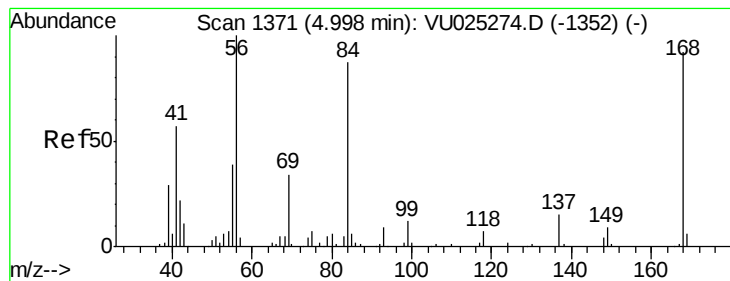
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#30
Chloroform
Concen: 17.34 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





#31

Cyclohexane

Concen: 17.27 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

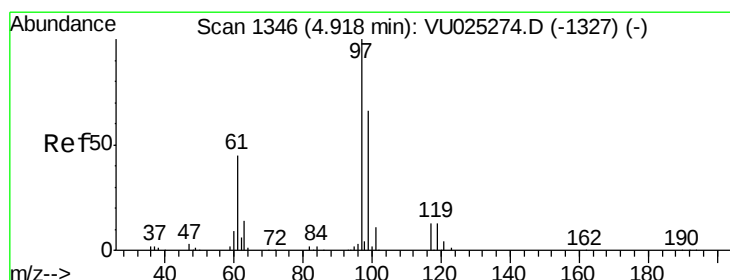
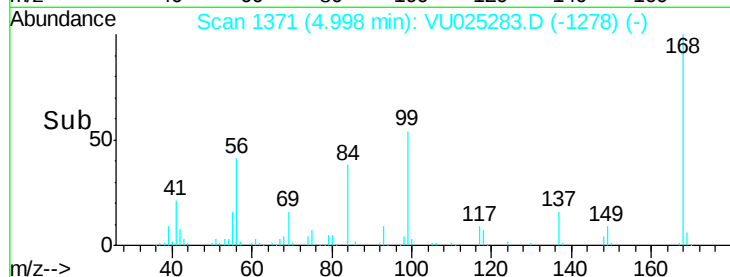
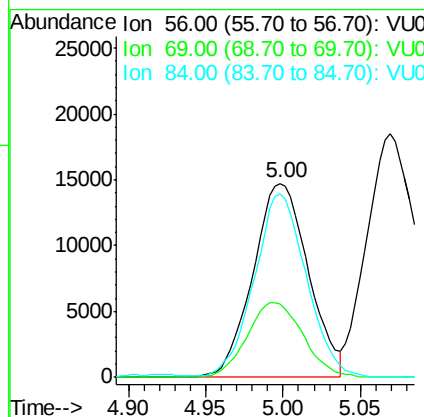
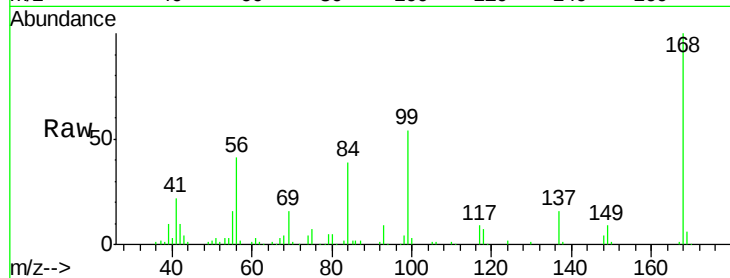
ClientSampleId :

VU0710WBS01

Tot Ion:	56	Resp:	36678
Ion	Ratio	Lower	Upper
56	100		
69	37.6	26.8	40.2
84	93.3	69.7	104.5

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#32

1,1,1-Trichloroethane

Concen: 17.11 ug/l

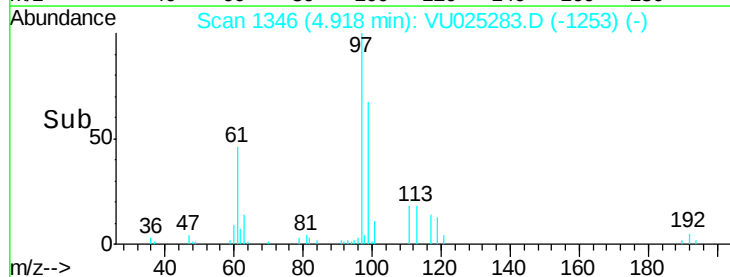
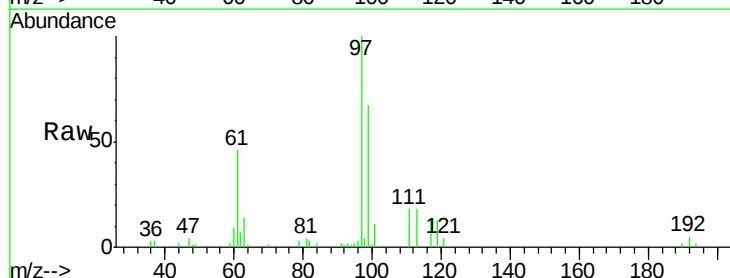
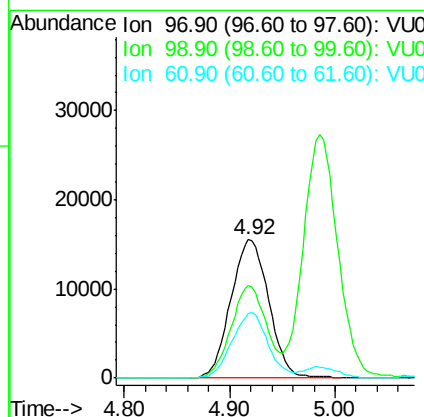
RT: 4.92 min Scan# 1346

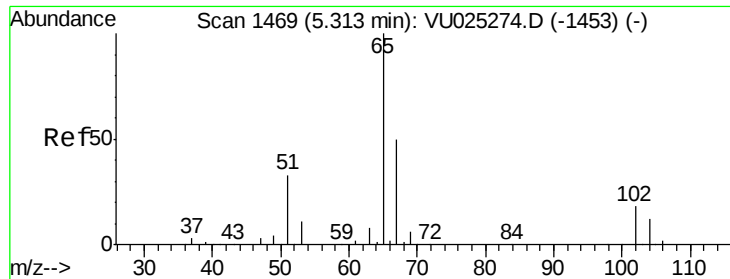
Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	97	Resp:	38734
Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.8	76.2
61	44.8	35.2	52.8





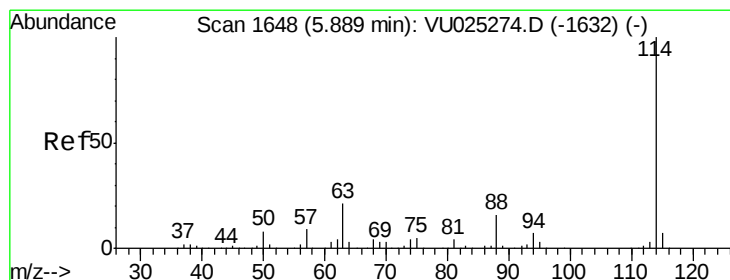
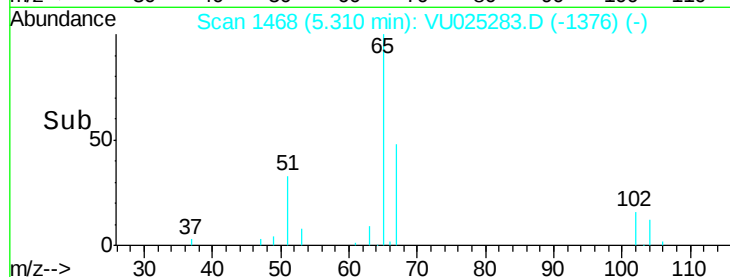
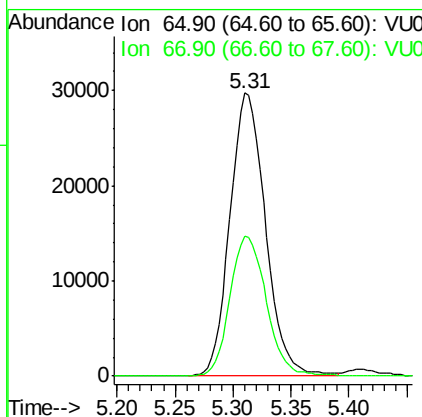
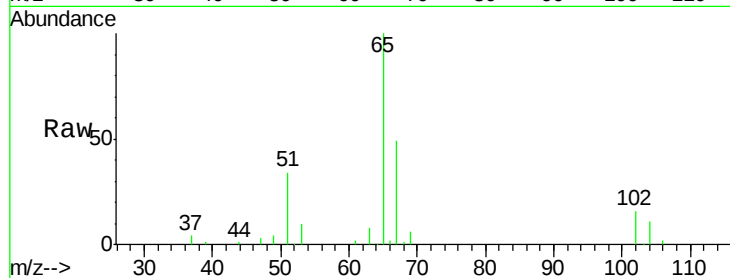
#33
 1,2-Dichloroethane-d4
 Concen: 36.67 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	103.6

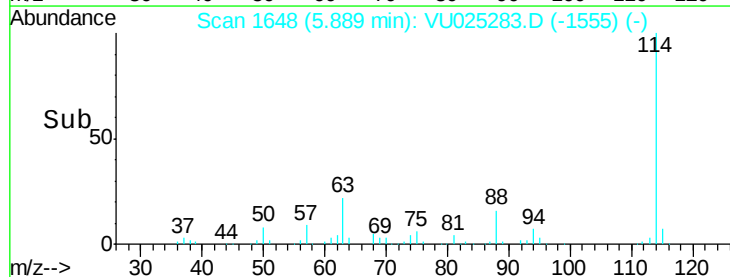
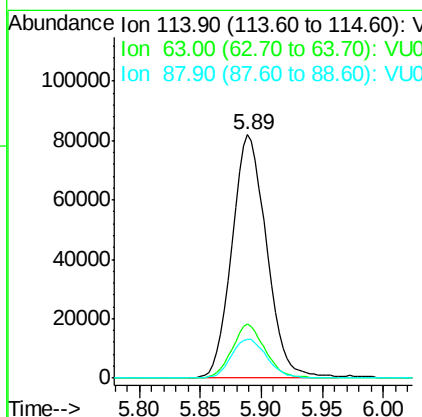
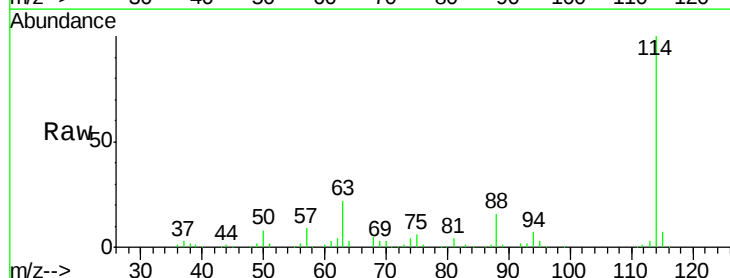
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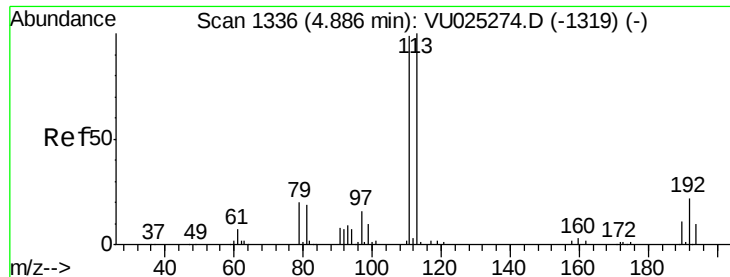
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.6
88	16.1	0.0	32.4





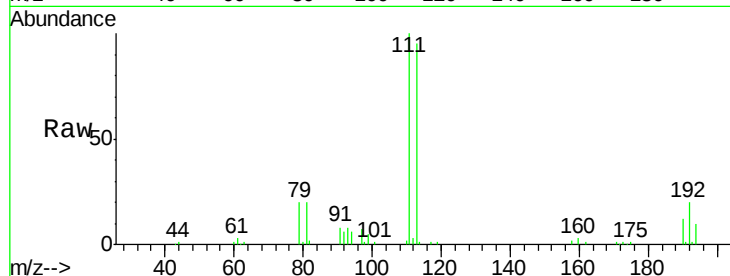
#35
 Dibromofluoromethane
 Concen: 35.90 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

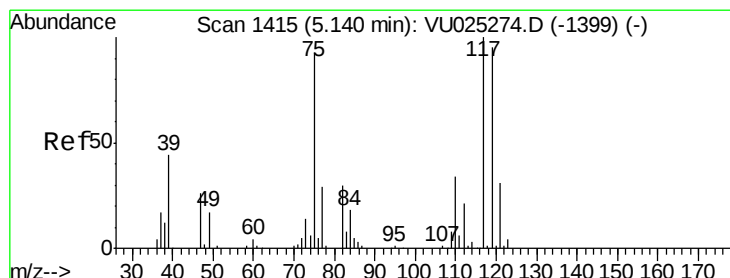
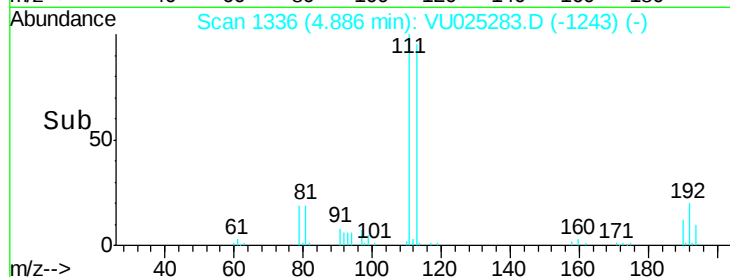
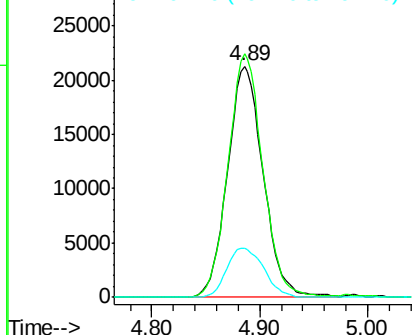
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.7	122.5
192	22.1	17.1	25.7

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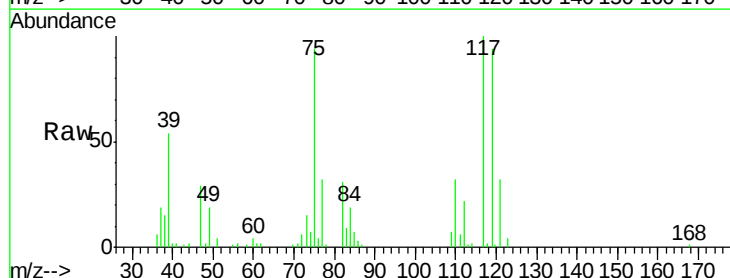


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

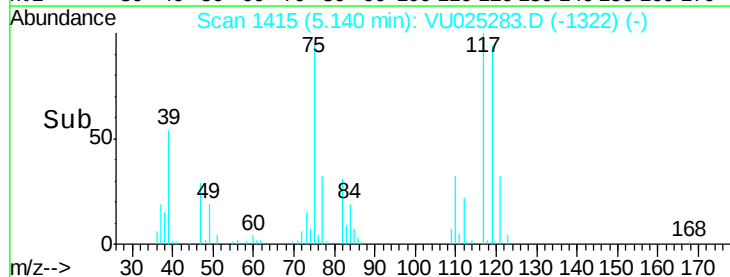
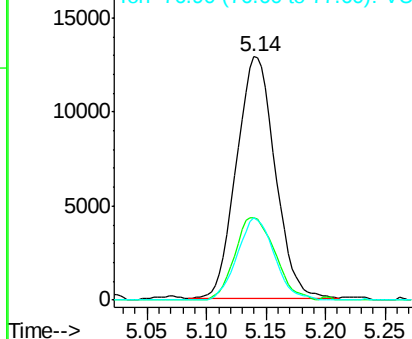


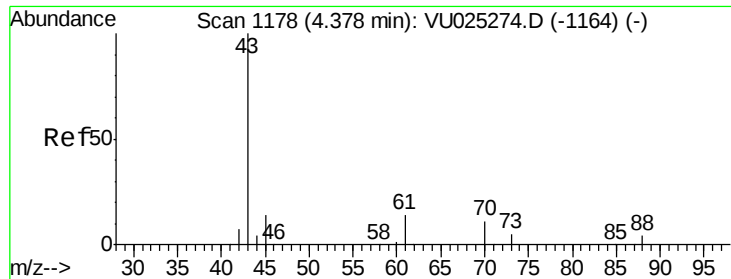
#36
 1,1-Dichloropropene
 Concen: 16.04 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.6	52.9
77	32.8	24.4	36.6



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





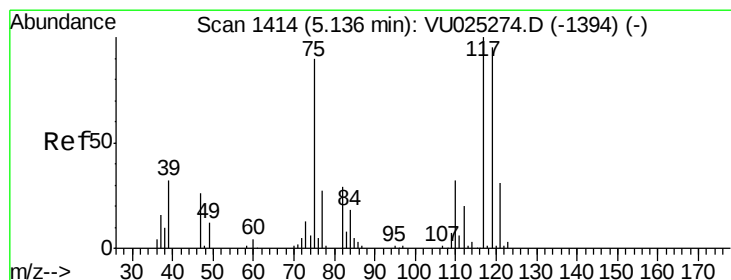
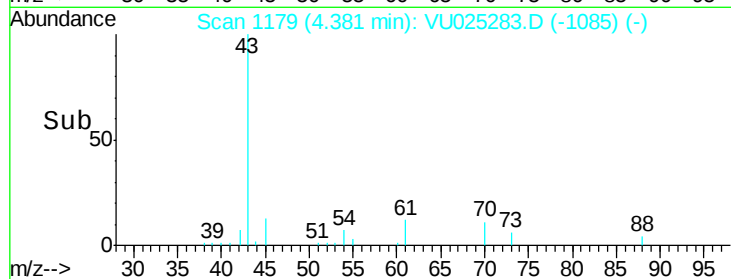
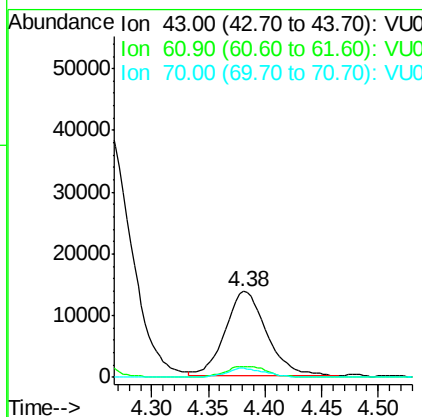
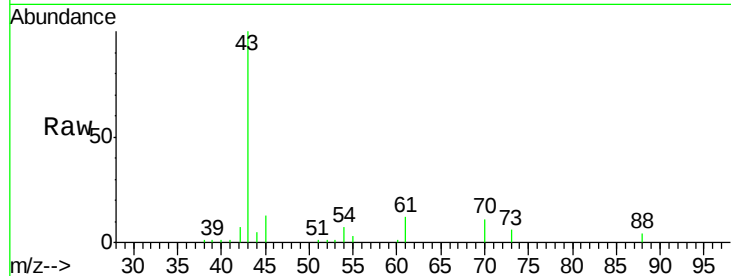
#37
Ethyl Acetate
Concen: 17.49 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.7	16.1
70	9.9	8.4	12.6

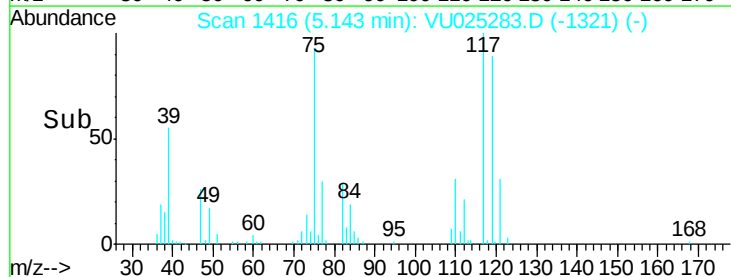
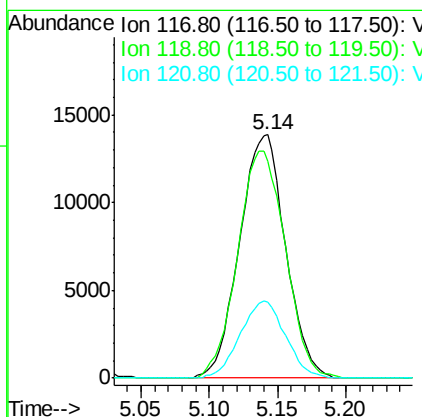
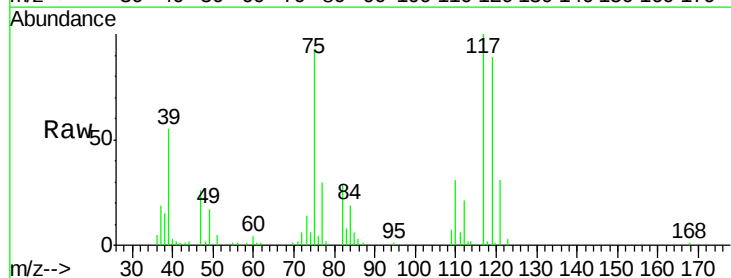
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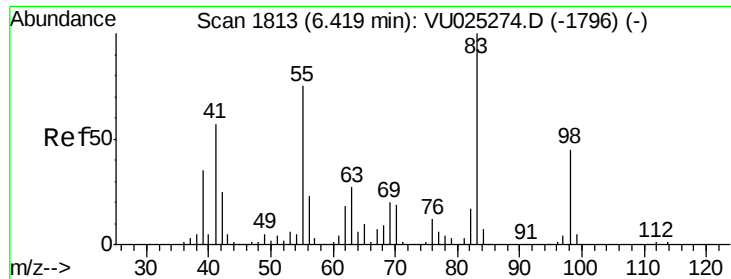
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#38
Carbon Tetrachloride
Concen: 16.78 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. 0.01 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.1	75.7	113.5
121	31.1	24.6	36.8





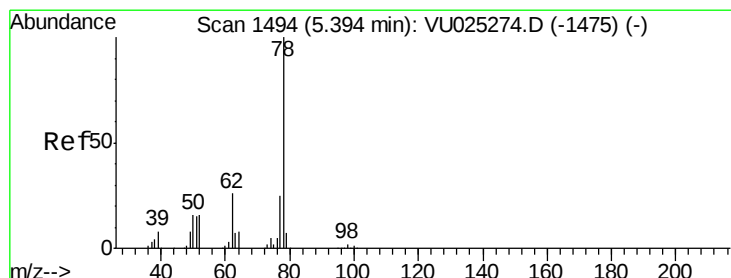
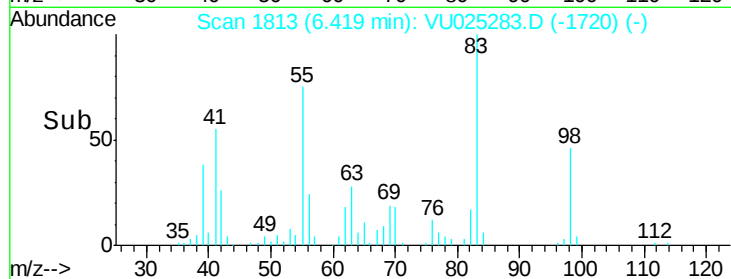
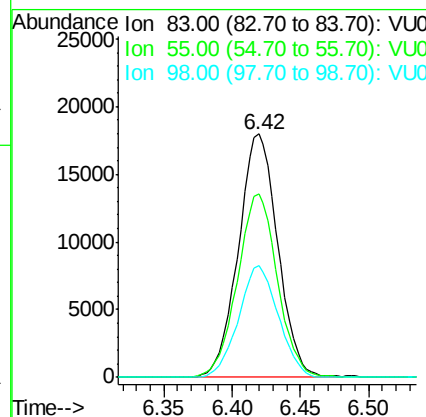
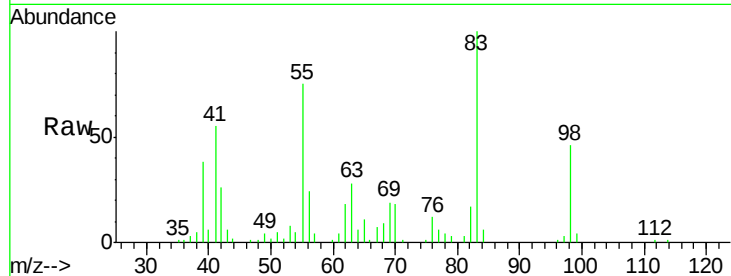
#39
Methvlcvclohexane
Concen: 16.08 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	83	Resp	36052
Ion Ratio	100	Lower	Upper
83	100		
55	75.4	60.0	90.0
98	46.1	36.1	54.1

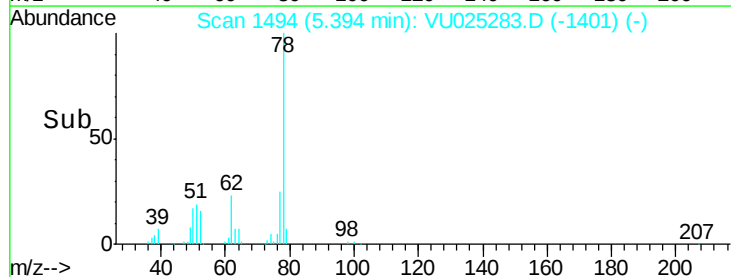
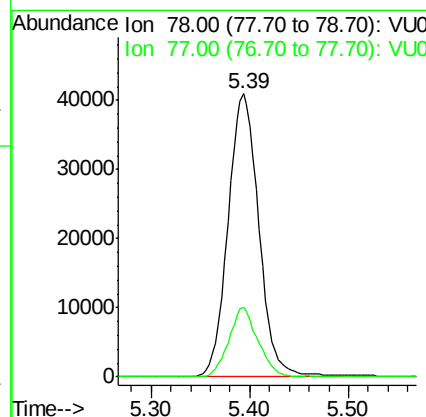
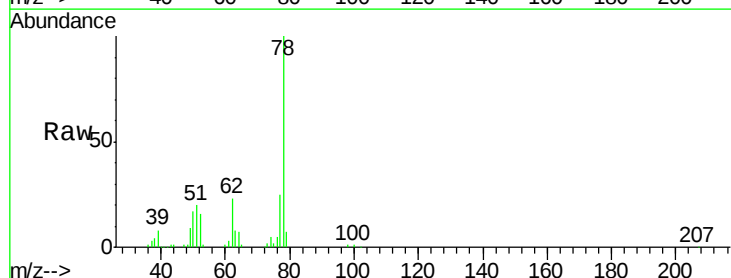
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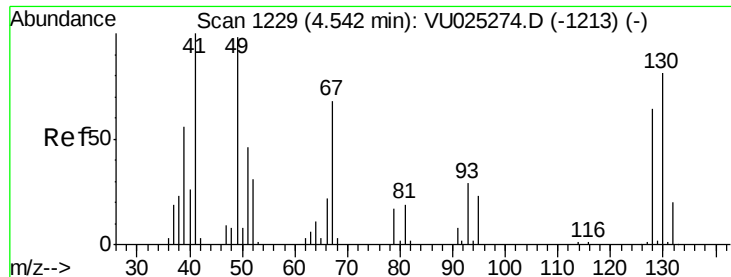
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#40
Benzene
Concen: 17.25 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	78	Resp	89354
Ion Ratio	100	Lower	Upper
78	100		
77	24.6	19.8	29.6





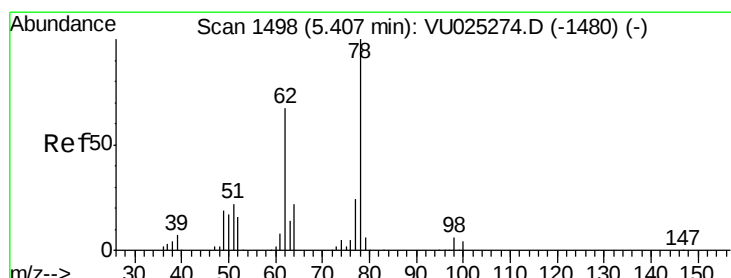
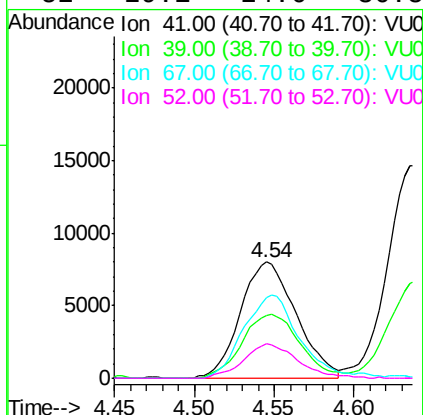
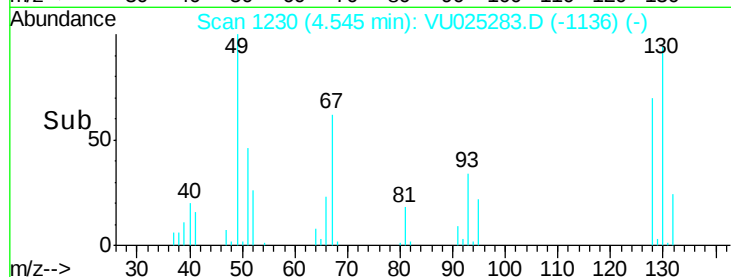
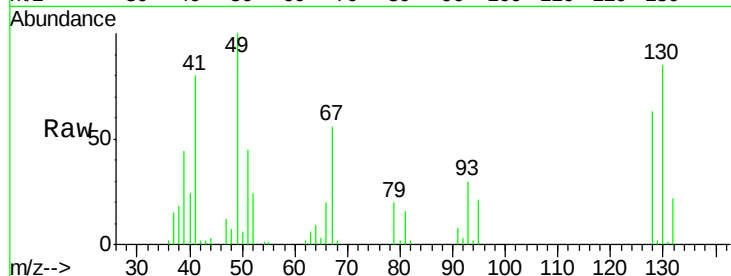
#41
Methacrylonitrile
Concen: 17.25 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.6	44.4	66.6	
67	70.7	56.0	84.0	
52	29.1	24.6	36.8	

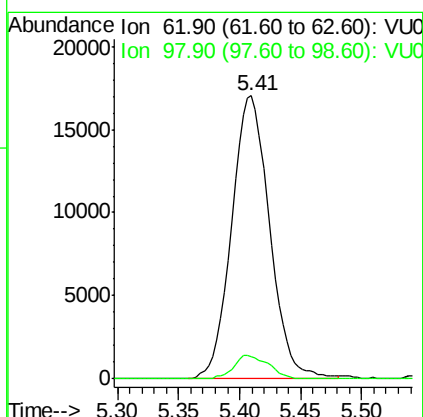
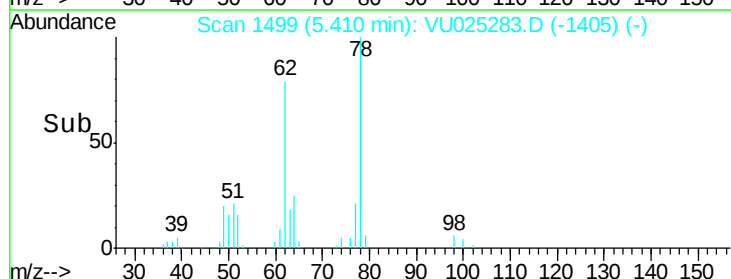
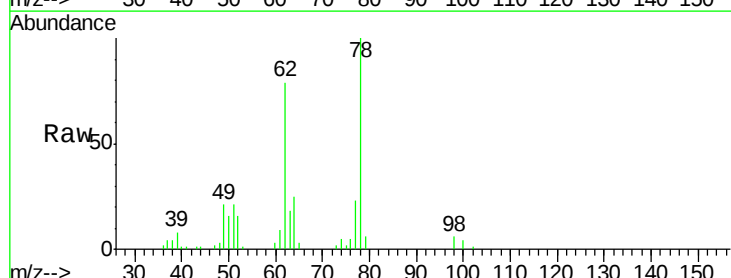
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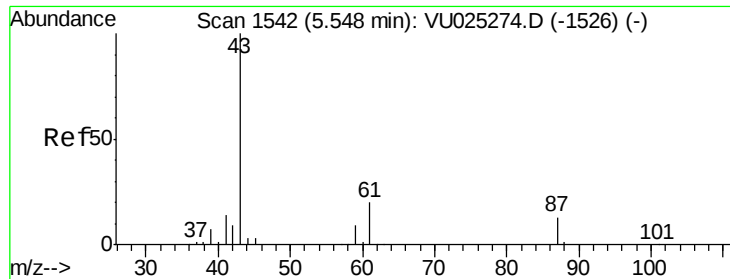
apatel
7/12/2018 11:19:22 AM



#42
1,2-Dichloroethane
Concen: 17.90 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.5	0.0	16.4	





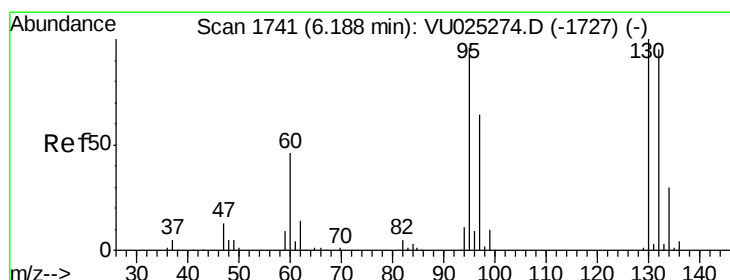
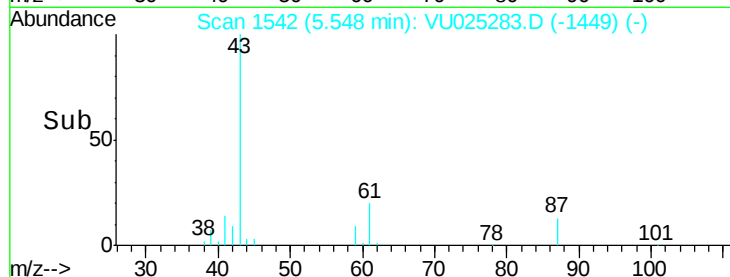
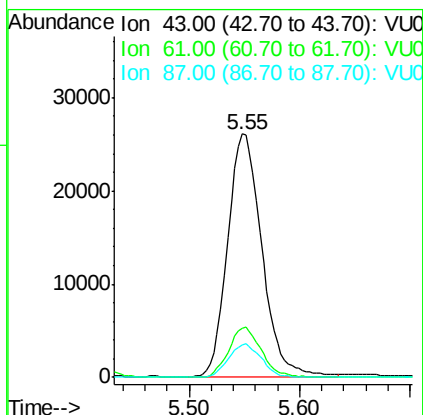
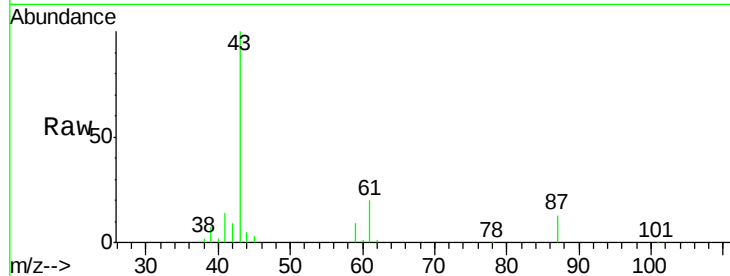
#43
Isopropyl Acetate
Concen: 17.67 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	12.8	10.6	16.0

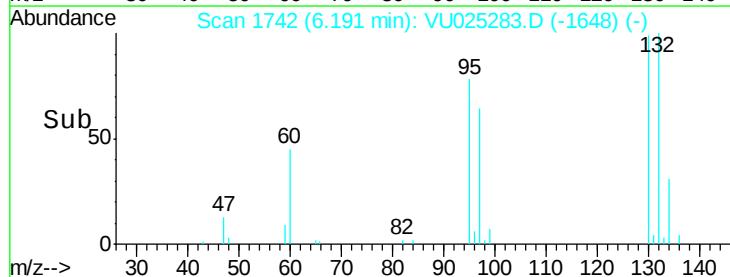
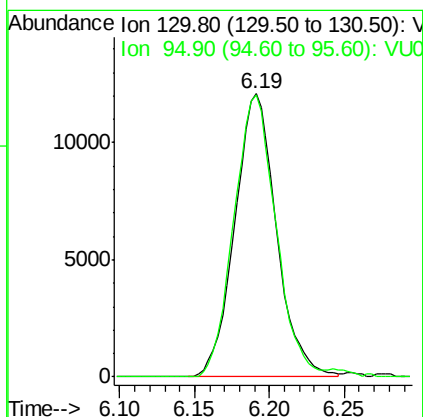
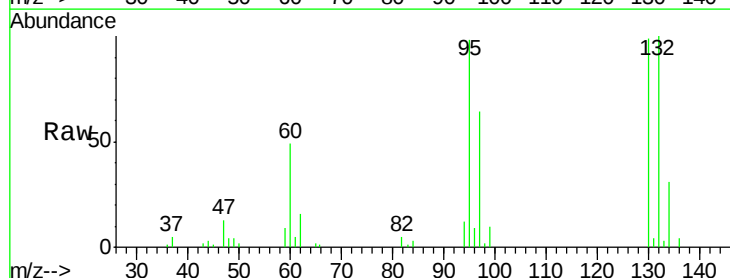
Manual Integrations
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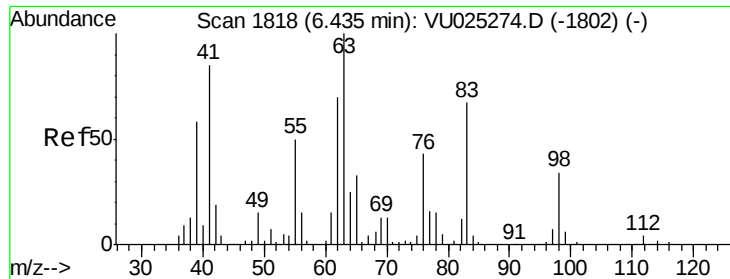
apatel
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#44
Trichloroethene
Concen: 15.74 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	192.2





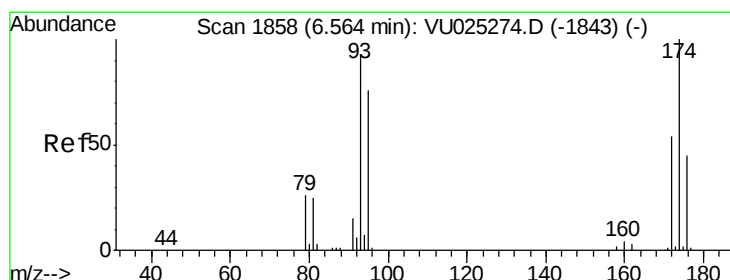
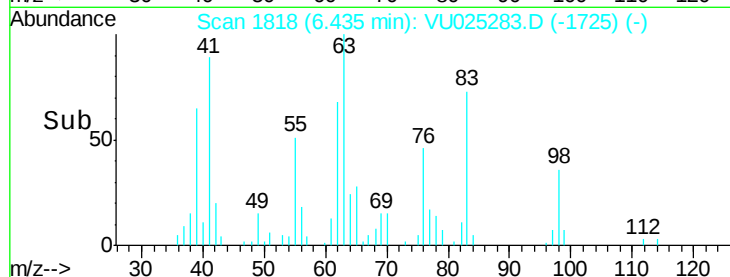
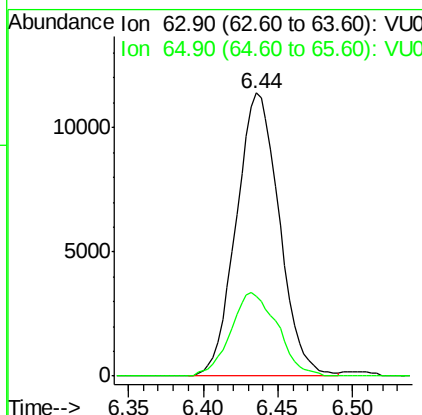
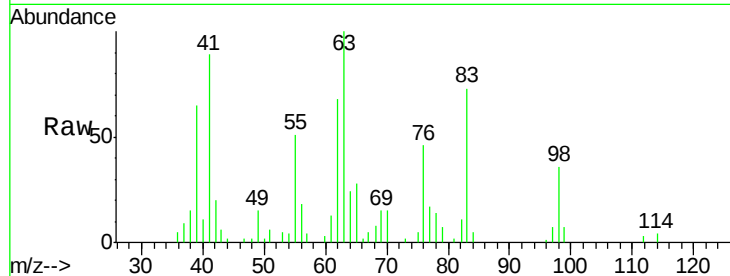
#45
 1,2-Dichloropropane
 Concen: 16.83 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion: 63 Resp: 22843
 Ion Ratio Lower Upper
 63 100
 65 28.4 26.1 39.1

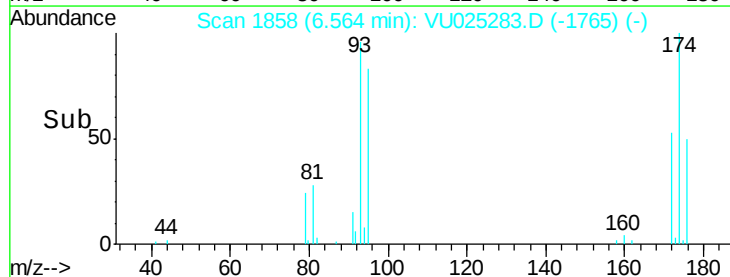
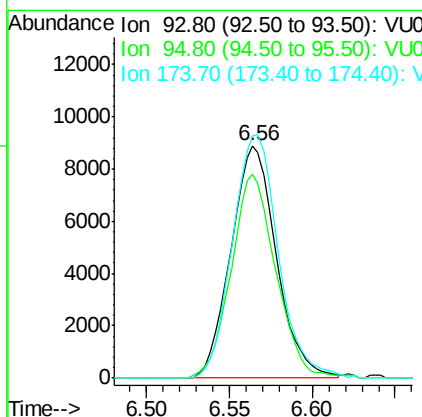
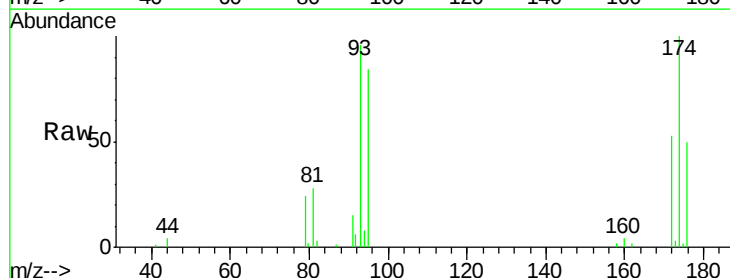
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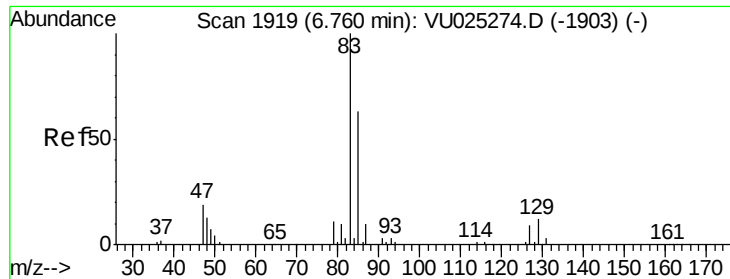
apatel
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#46
 Dibromomethane
 Concen: 17.13 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 93 Resp: 16920
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.6 100.0
 174 105.9 85.8 128.8





#47

Bromodichloromethane

Concen: 17.72 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

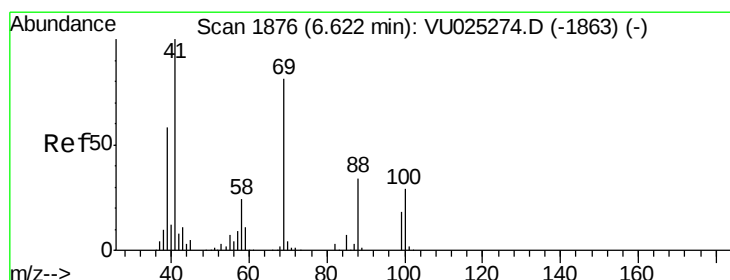
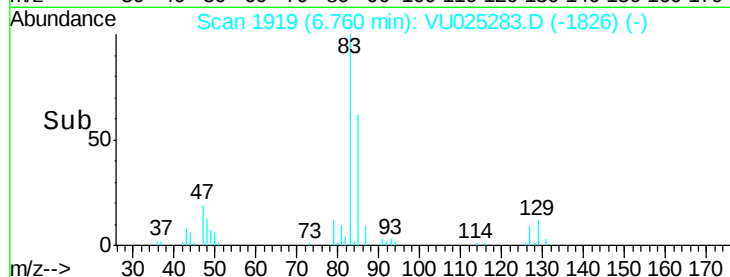
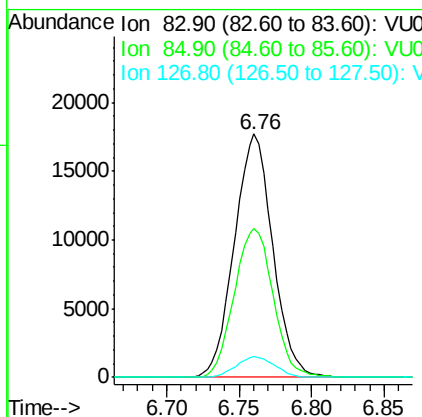
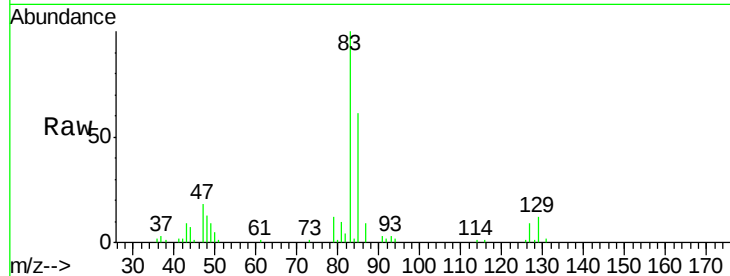
ClientSampleId :

VU0710WBS01

Tot Ion:	83	Resp:	32510
Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.2	75.4
127	8.5	7.2	10.8

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#48

Methyl methacrylate

Concen: 17.64 ug/l

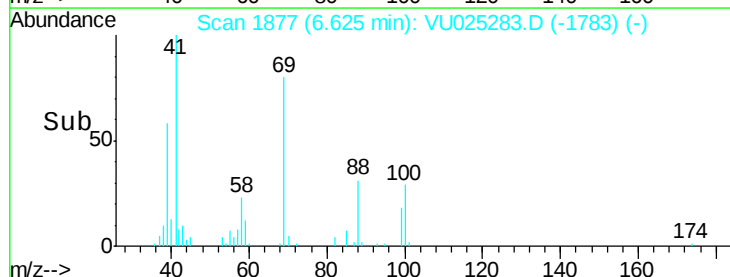
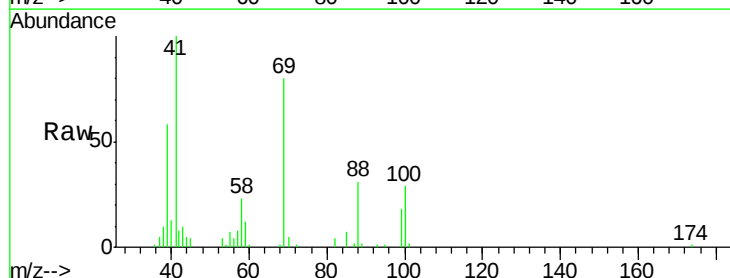
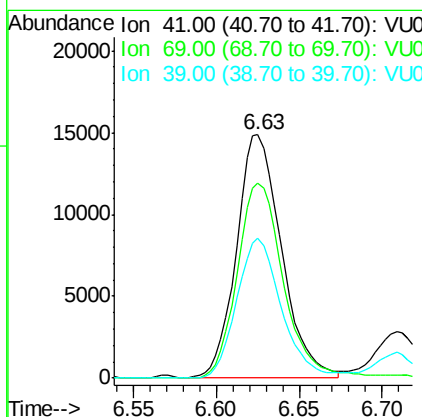
RT: 6.63 min Scan# 1877

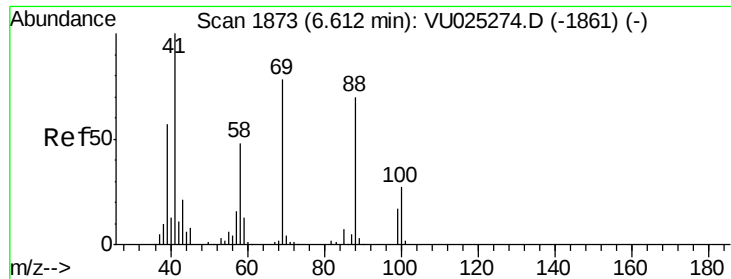
Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	41	Resp:	28243
Ion	Ratio	Lower	Upper
41	100		
69	82.1	65.0	97.4
39	56.7	46.4	69.6





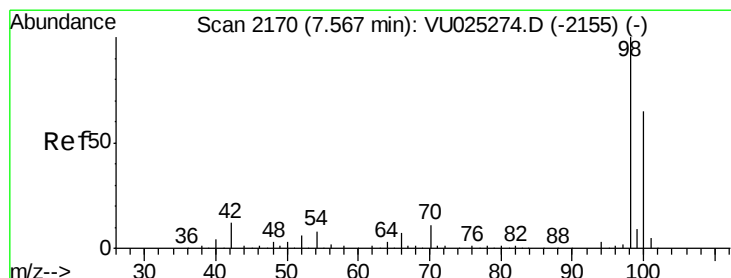
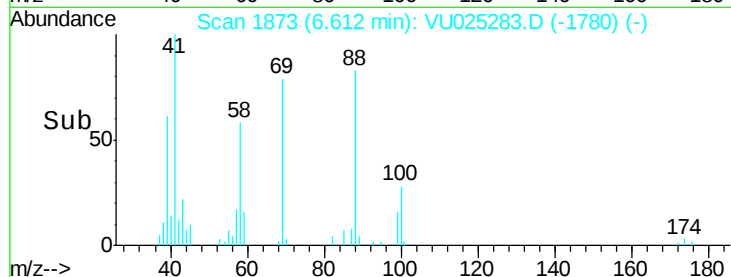
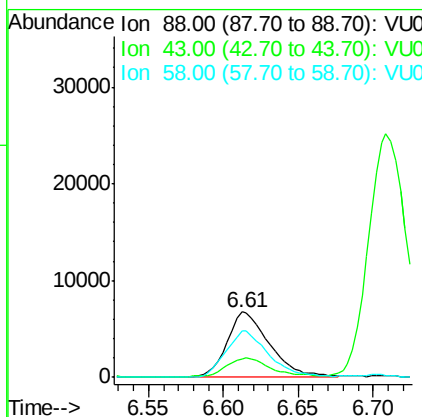
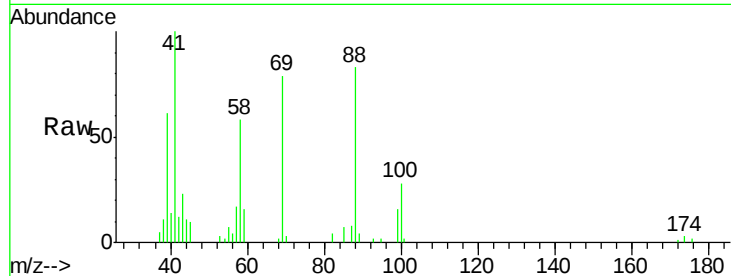
#49
1,4-Dioxane
Concen: 348.29 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.3	40.9
58	70.6	57.6	86.4

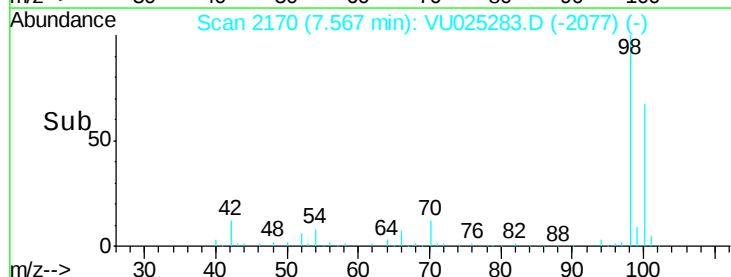
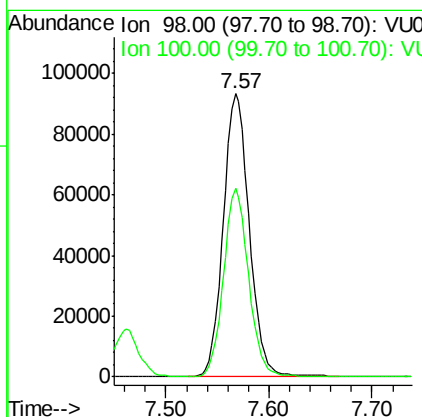
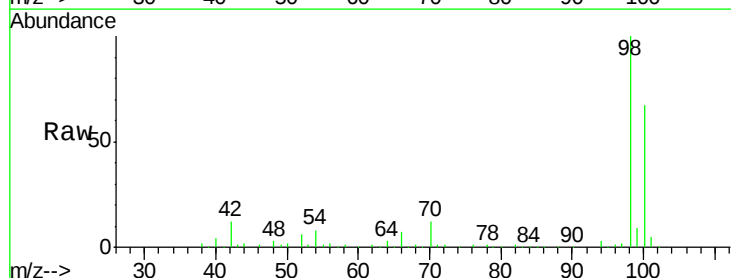
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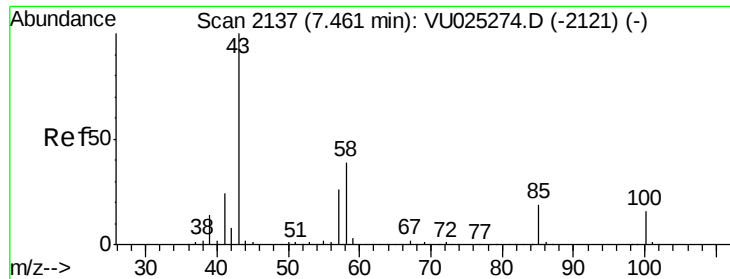
apatel
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#50
Toluene-d8
Concen: 35.08 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 86.57 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion: 43 Resp: 180658

Ion Ratio Lower Upper

43 100

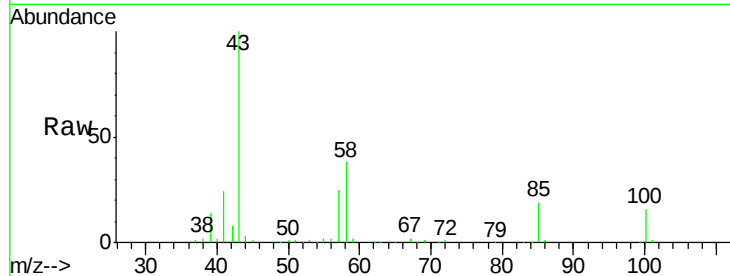
58 37.9 31.0 46.4

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

120000

100000

80000

60000

40000

20000

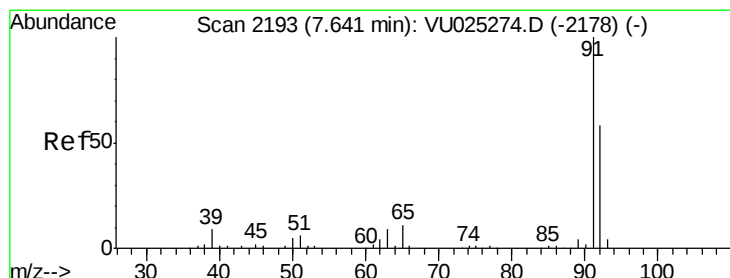
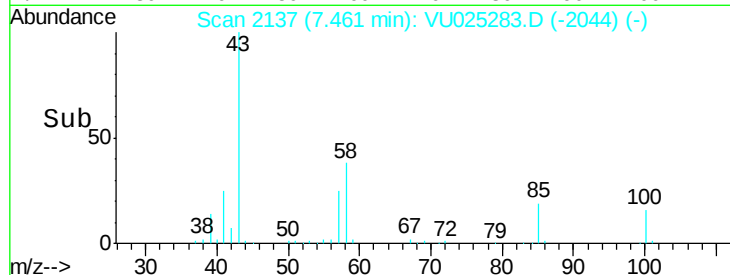
0

7.46

7.40

7.50

Time-->



#52

Toluene

Concen: 16.66 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025283.D

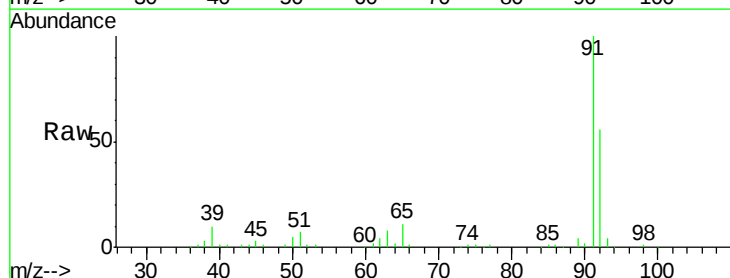
Acq: 10 Jul 2018 12:43

Tgt Ion: 92 Resp: 54926

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

60000

50000

40000

30000

20000

10000

0

7.64

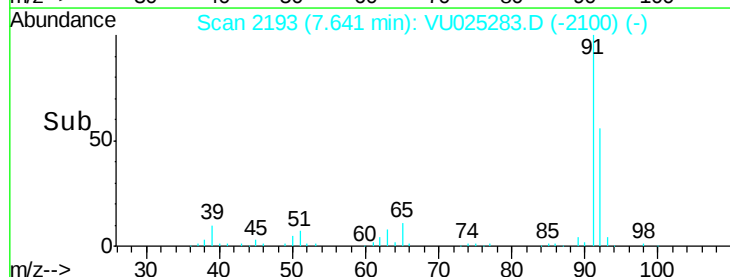
7.55

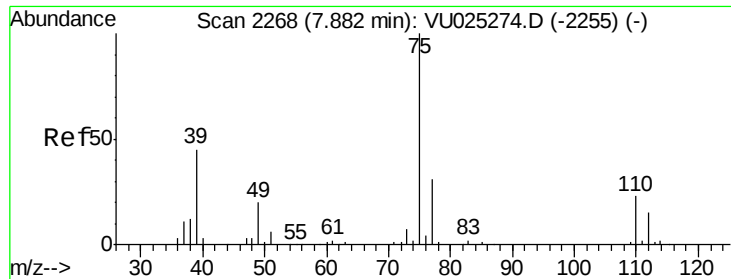
7.60

7.65

7.70

Time-->





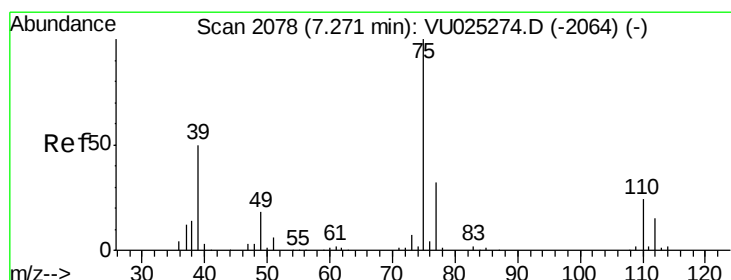
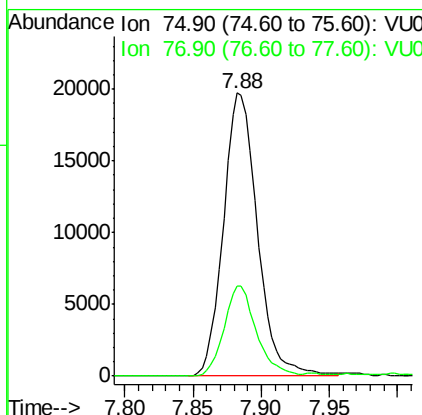
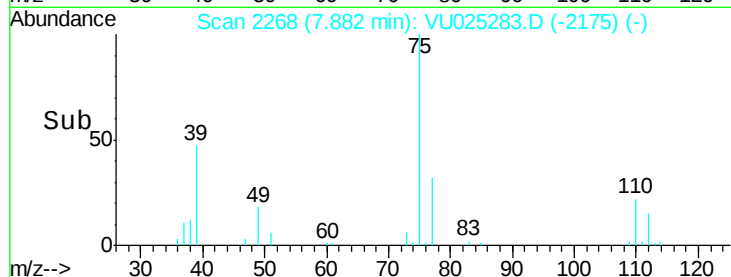
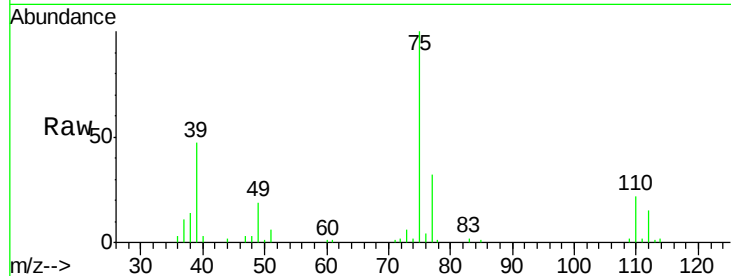
#53
t-1,3-Dichloropropene
Concen: 17.00 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 75 Resp: 34269
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7

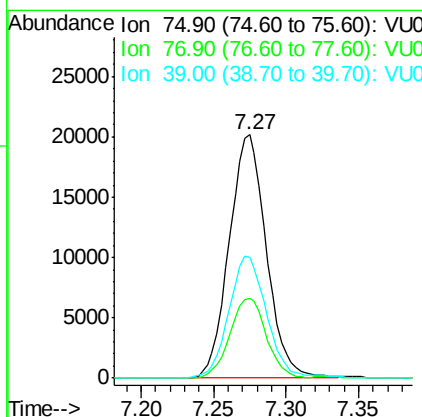
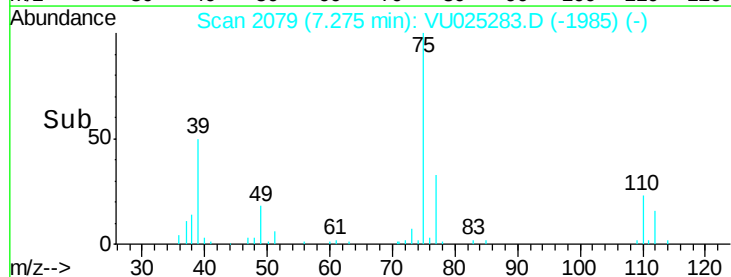
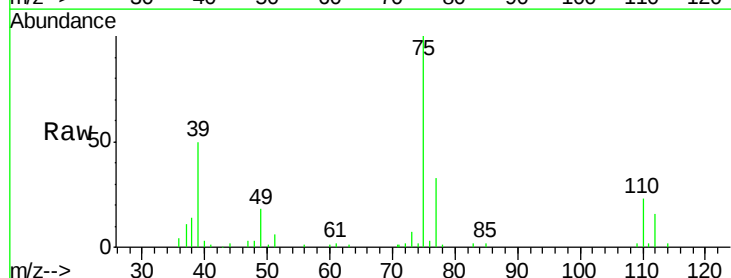
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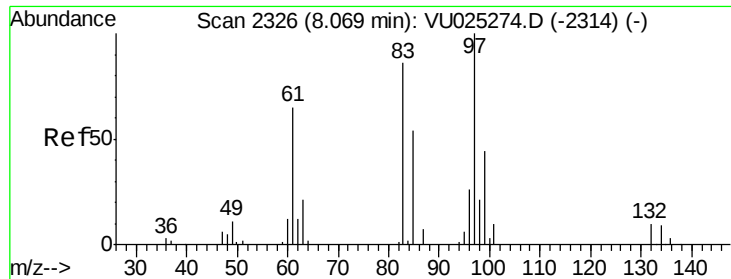
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#54
cis-1,3-Dichloropropene
Concen: 16.75 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 75 Resp: 35935
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
39 49.5 40.0 60.0





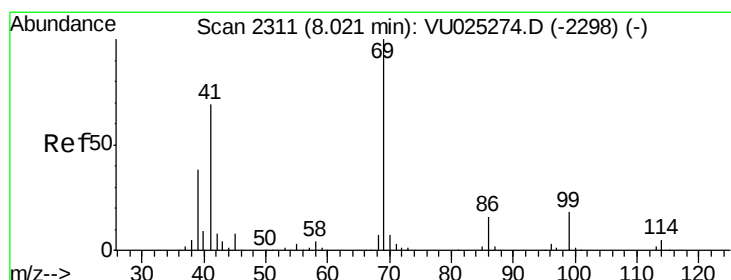
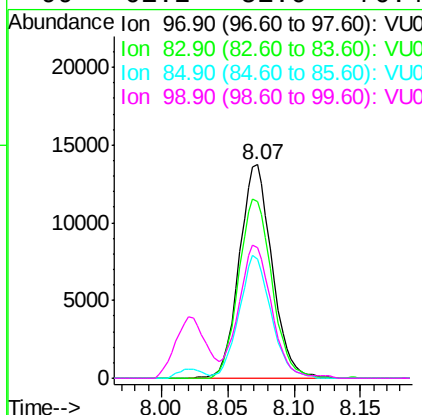
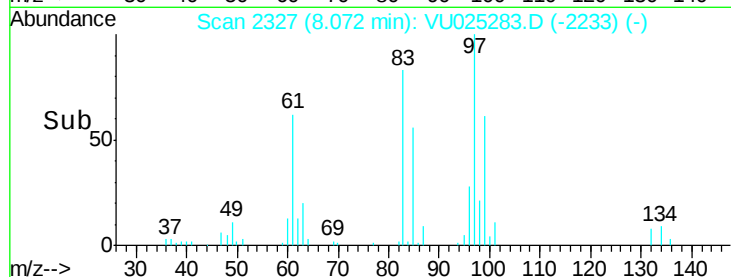
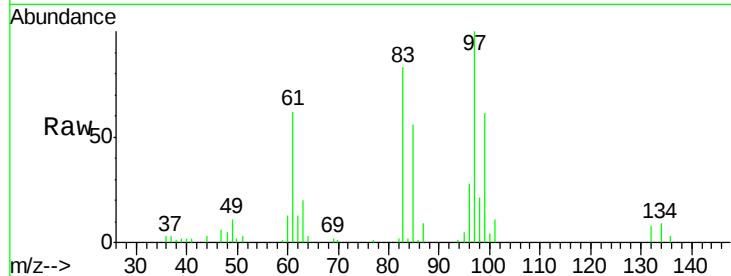
#55
 1,1,2-Trichloroethane
 Concen: 17.18 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion:	97	Resp:	23589
Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.9	103.3
85	55.9	44.4	66.6
99	61.2	51.0	76.4

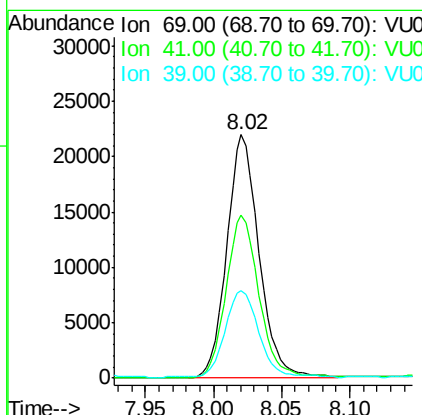
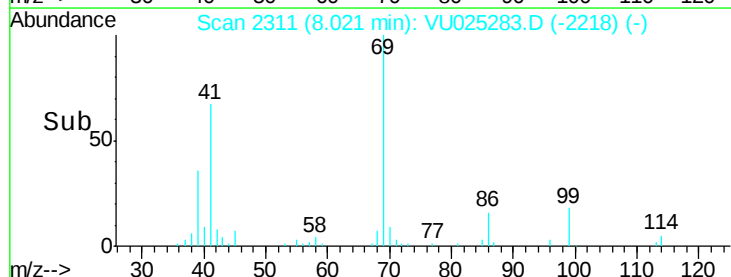
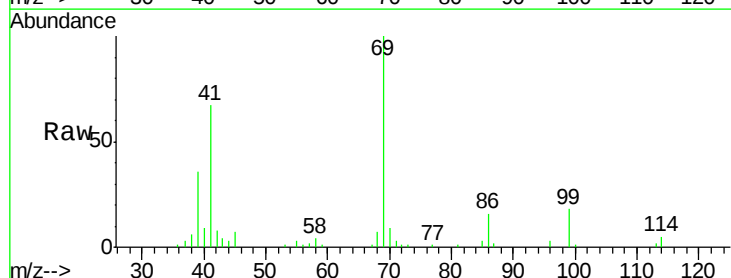
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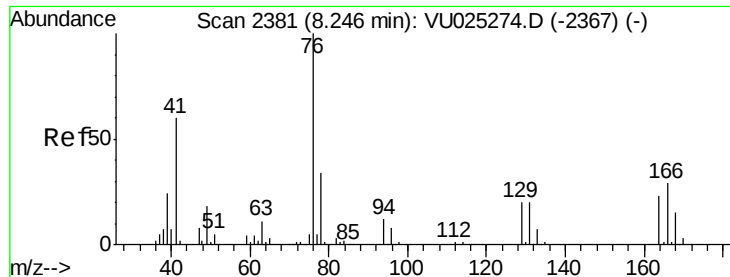
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#56
 Ethyl methacrylate
 Concen: 16.86 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion:	69	Resp:	36158
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.8	82.2
39	38.1	31.1	46.7





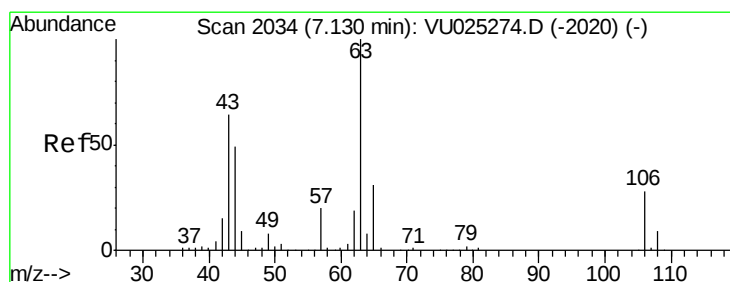
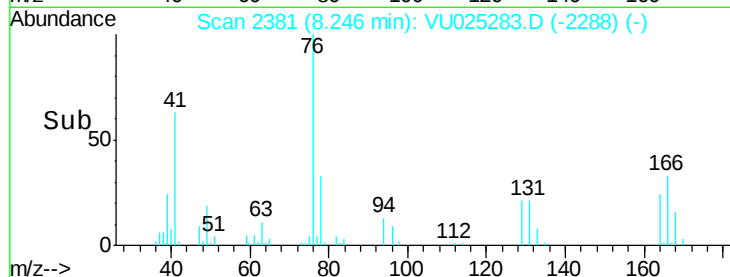
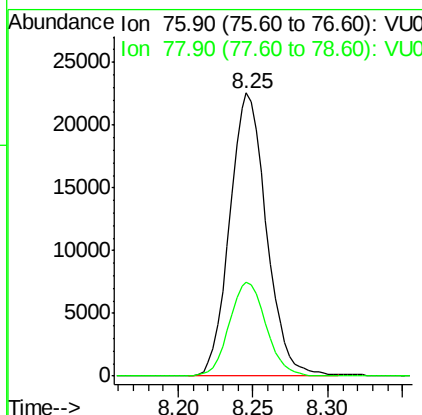
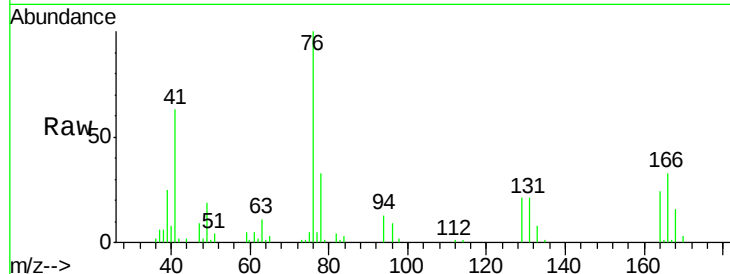
#57
 1,3-Dichloropropane
 Concen: 16.90 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion: 76 Resp: 38506
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1

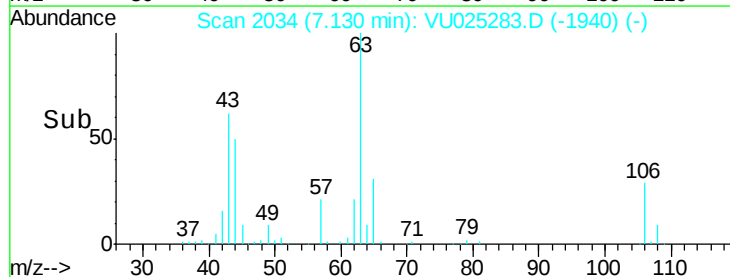
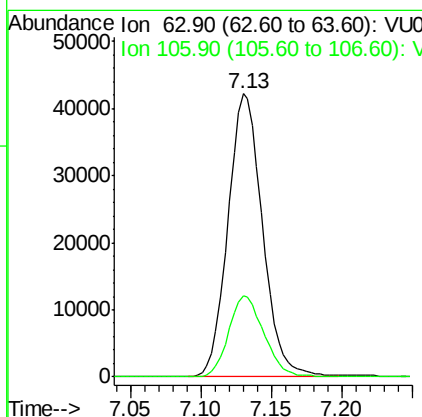
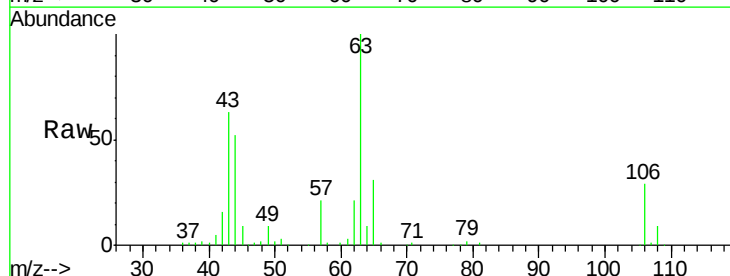
Manual Integrations
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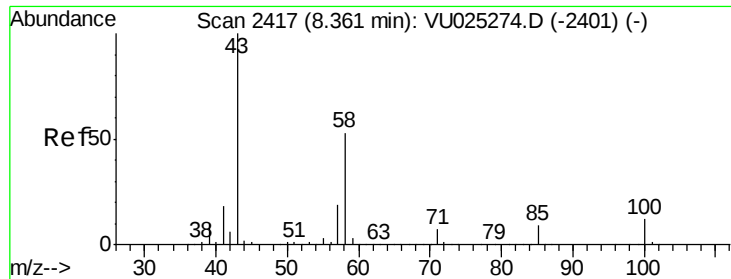
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 76.50 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 63 Resp: 72430
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.3 33.5





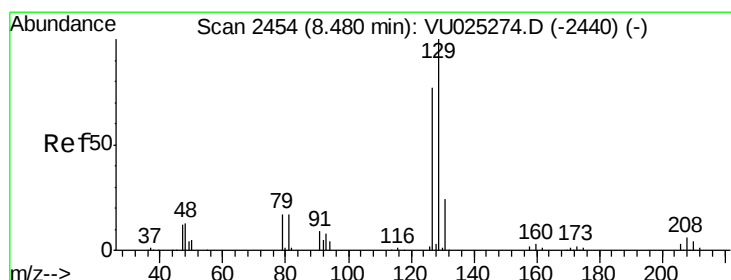
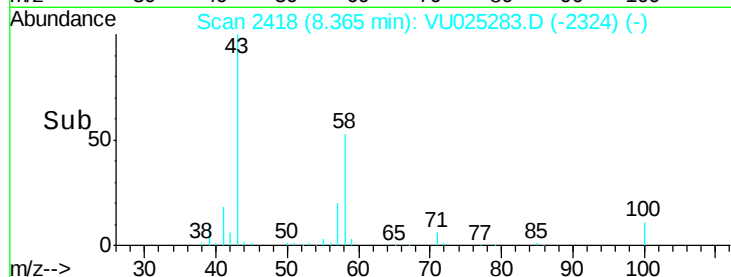
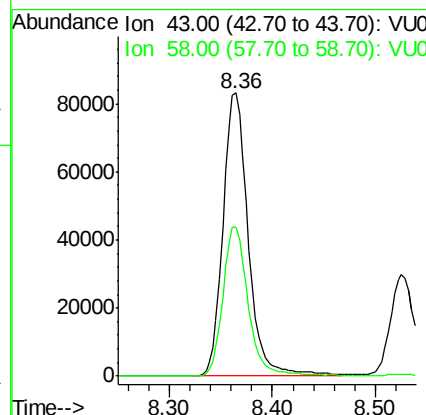
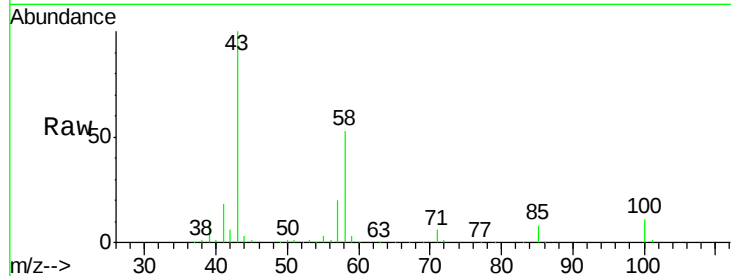
#59
2-Hexanone
Concen: 83.90 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 43 Resp: 142032
Ion Ratio Lower Upper
43 100
58 52.6 26.2 78.5

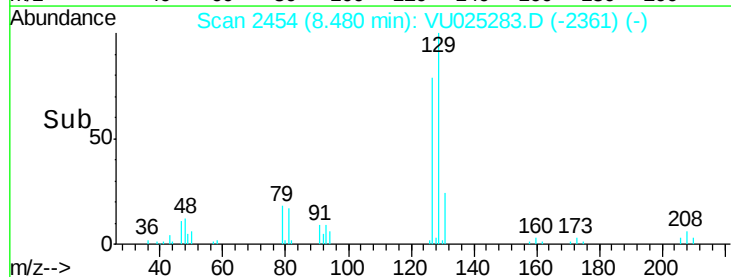
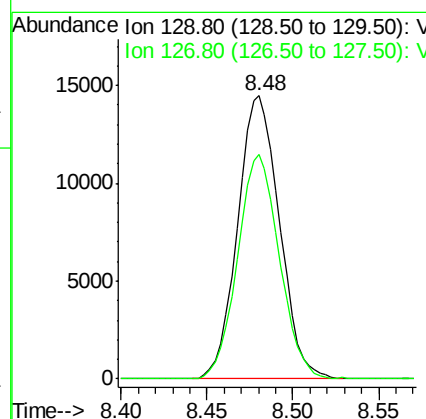
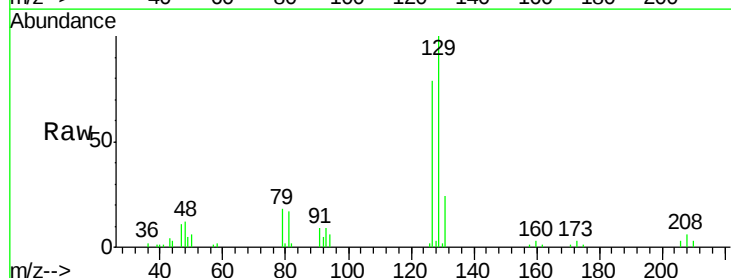
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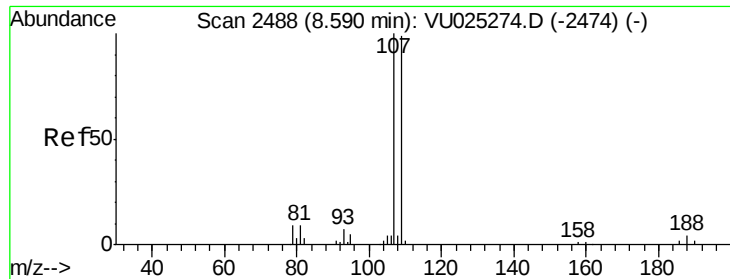
apatel
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#60
Dibromochloromethane
Concen: 16.51 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 129 Resp: 24485
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 17.18 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion:107 Resp: 25231

Ion Ratio Lower Upper

107 100

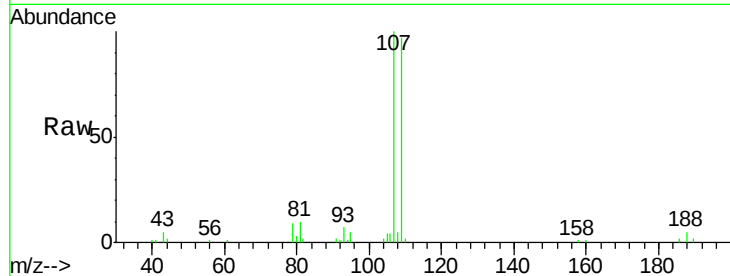
109 94.8 75.8 113.8

Manual Integrations

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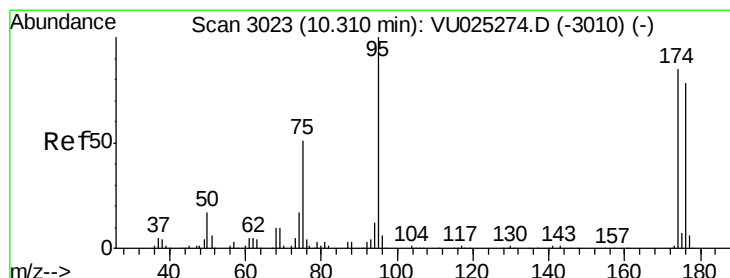
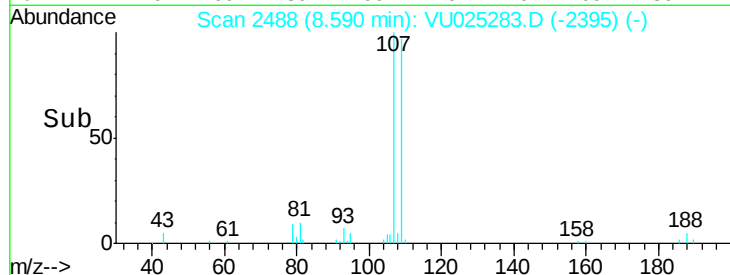
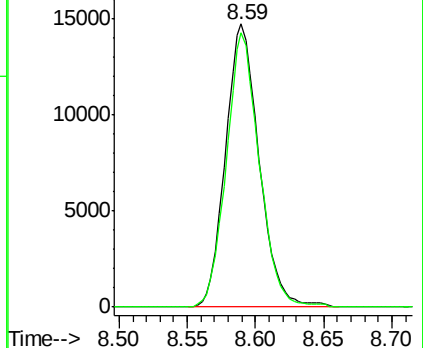
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 34.00 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

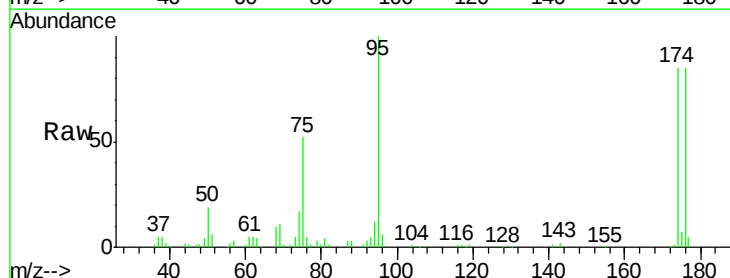
Tgt Ion: 95 Resp: 63957

Ion Ratio Lower Upper

95 100

174 85.8 0.0 172.2

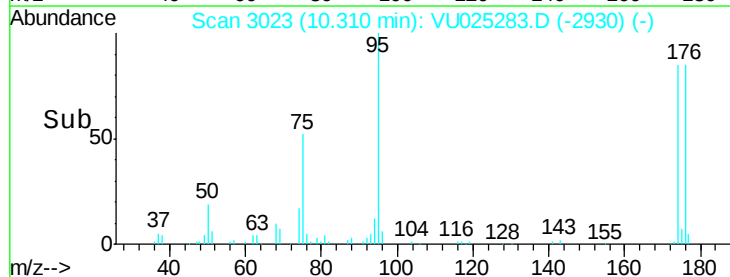
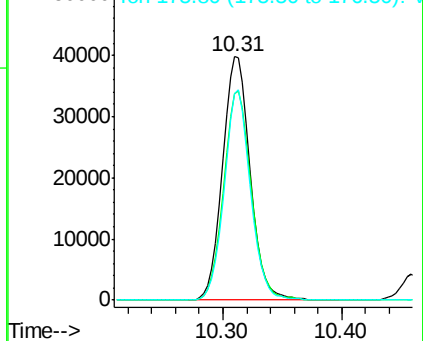
176 82.2 0.0 162.6

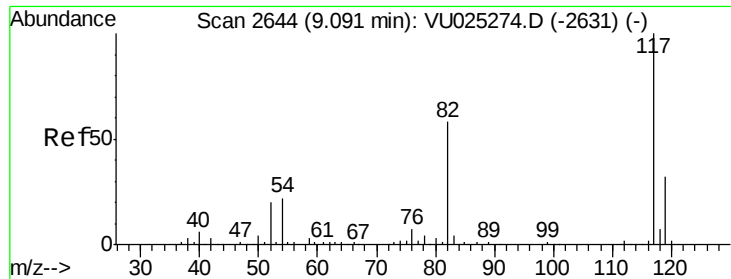


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





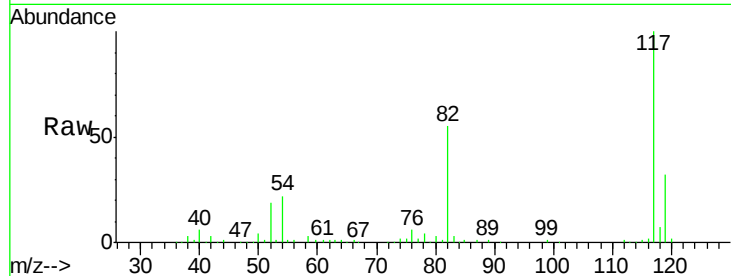
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.0	69.0
119	32.4	26.0	39.0

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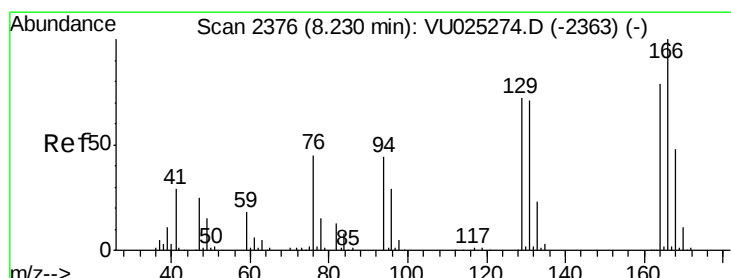
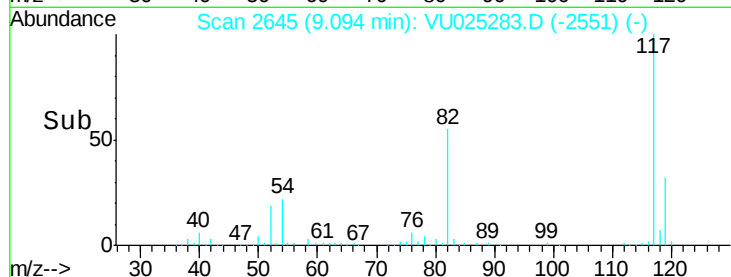
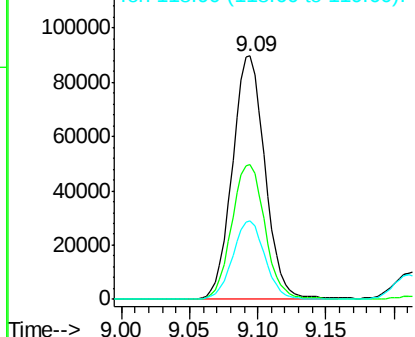


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 16.38 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	101.1	151.7
129	95.4	73.0	109.6
131	94.9	72.1	108.1

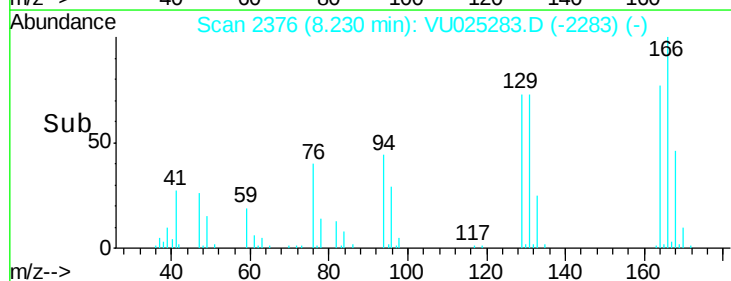
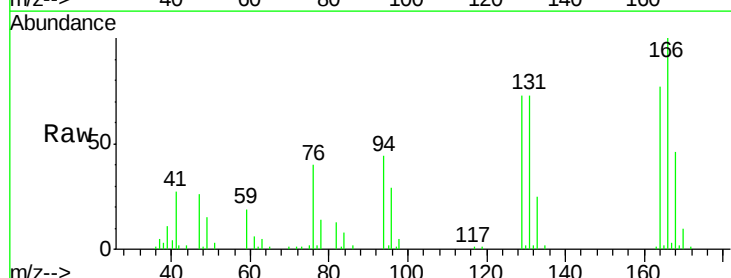
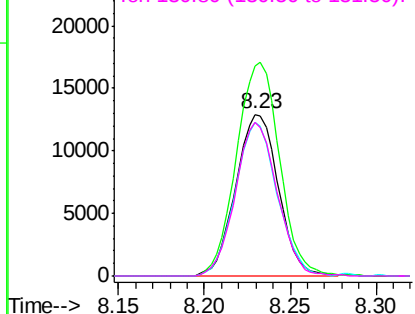
Abundance

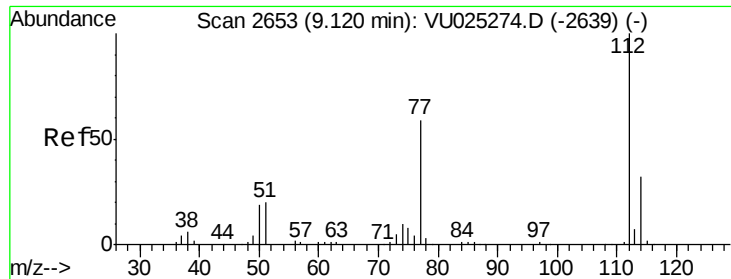
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





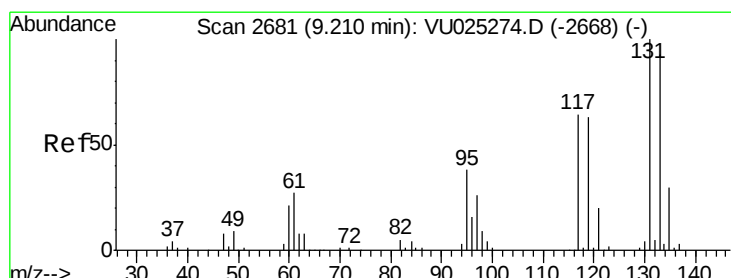
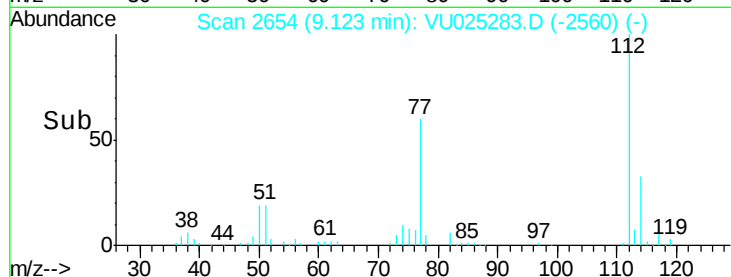
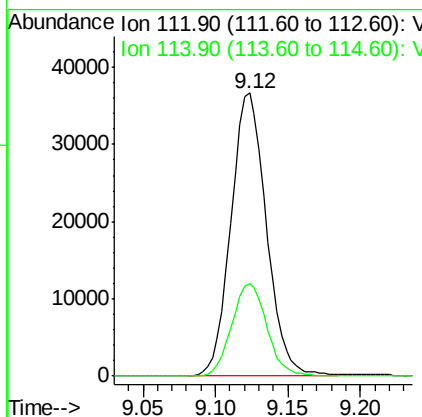
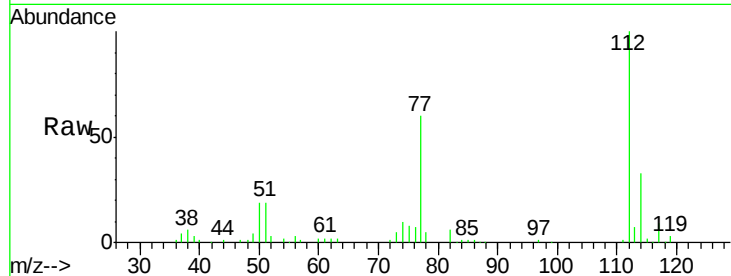
#65
Chlorobenzene
Concen: 16.76 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion:112 Resp: 62424
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8

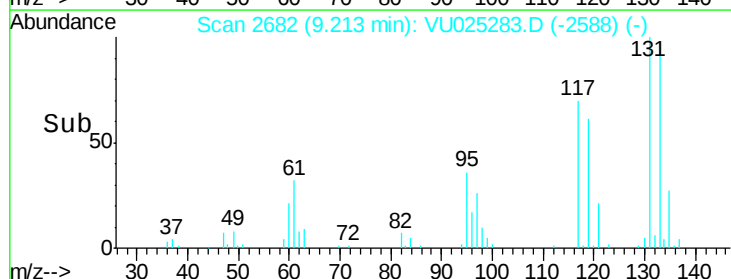
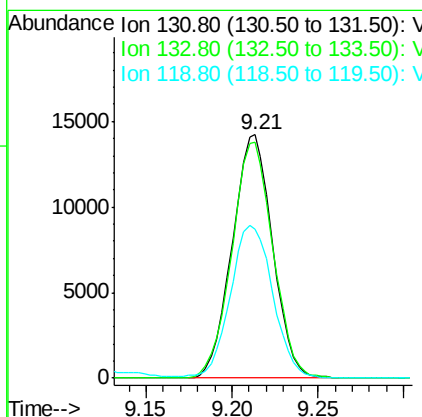
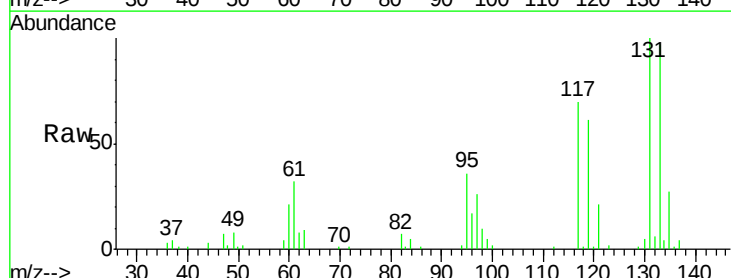
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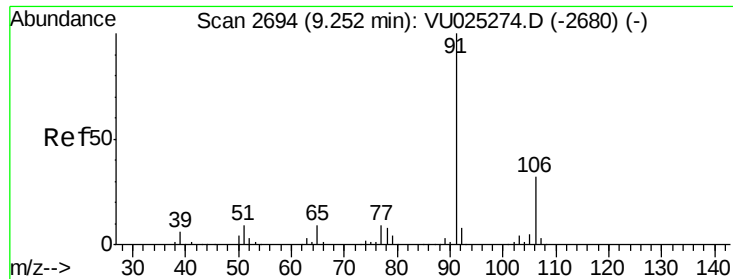
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.39 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion:131 Resp: 23167
Ion Ratio Lower Upper
131 100
133 98.8 47.8 143.3
119 66.1 31.6 95.0





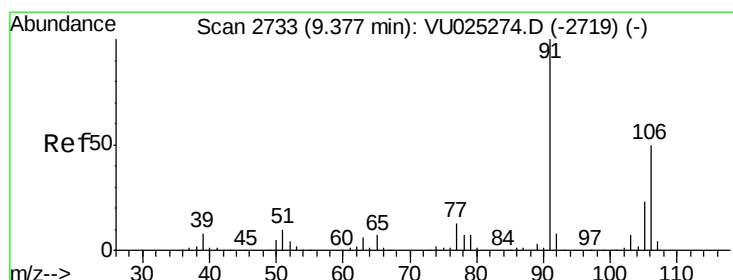
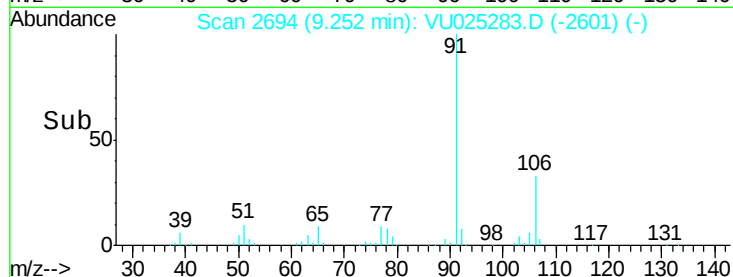
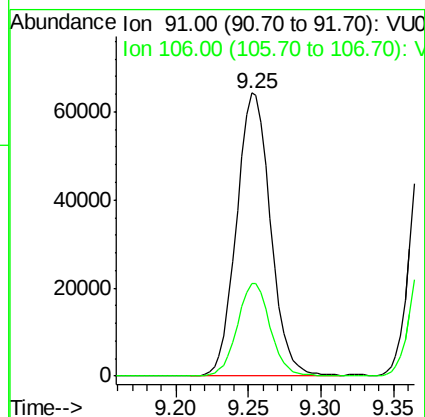
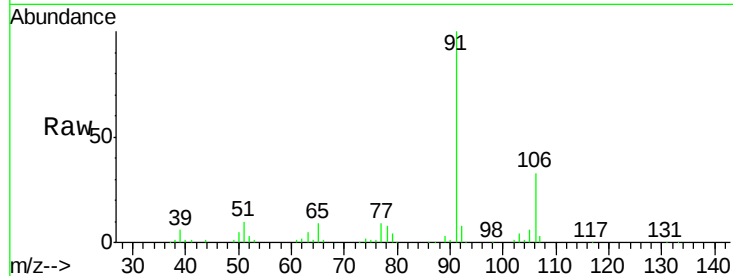
#67
Ethyl Benzene
Concen: 16.50 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 91 Resp: 104762
Ion Ratio Lower Upper
91 100
106 32.6 25.3 37.9

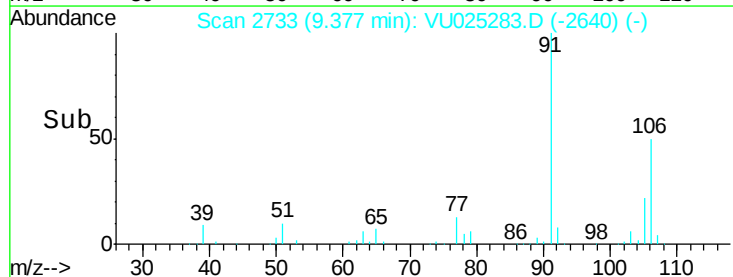
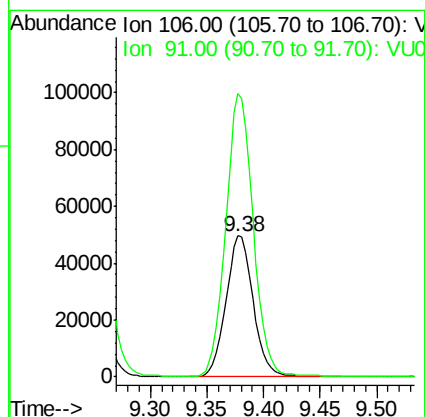
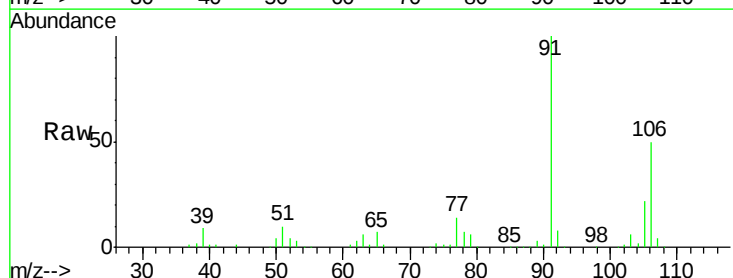
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#68
m/p-Xylenes
Concen: 33.83 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 106 Resp: 83019
Ion Ratio Lower Upper
106 100
91 201.4 162.3 243.5





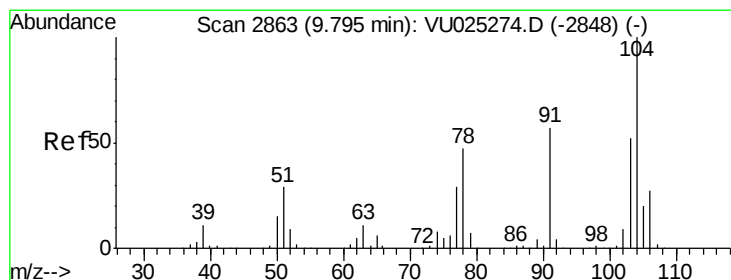
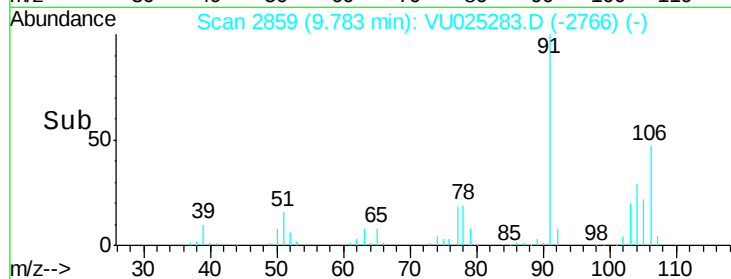
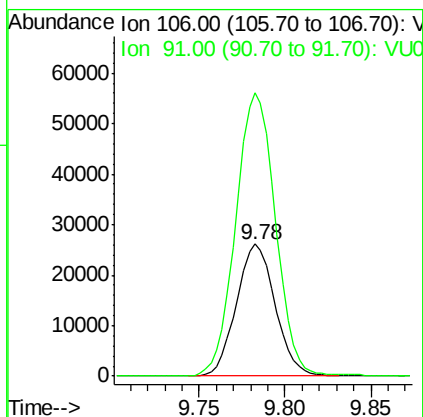
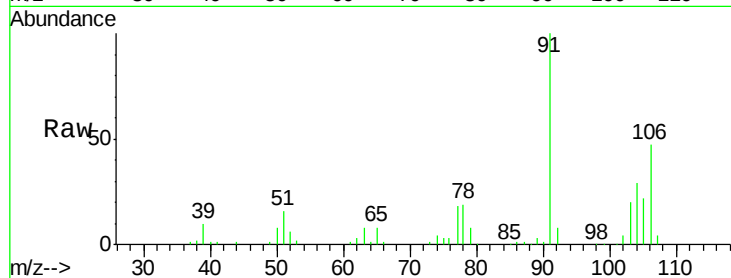
#69
o-Xylene
Concen: 16.68 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion:106 Resp: 40983
Ion Ratio Lower Upper
106 100
91 219.6 105.3 315.8

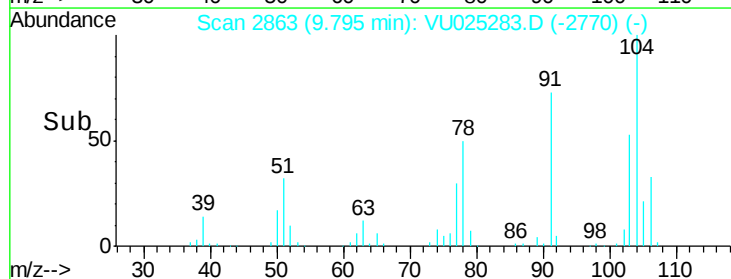
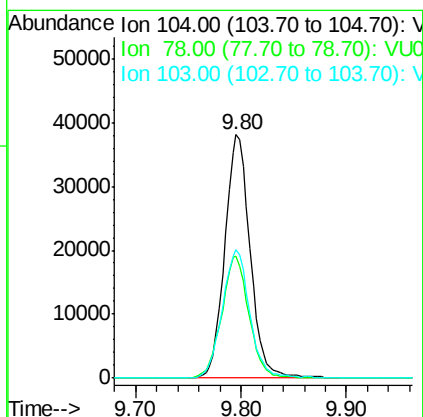
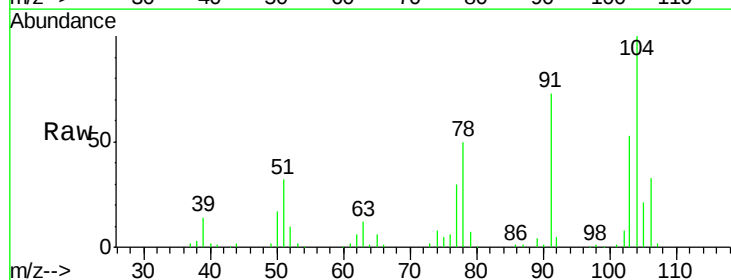
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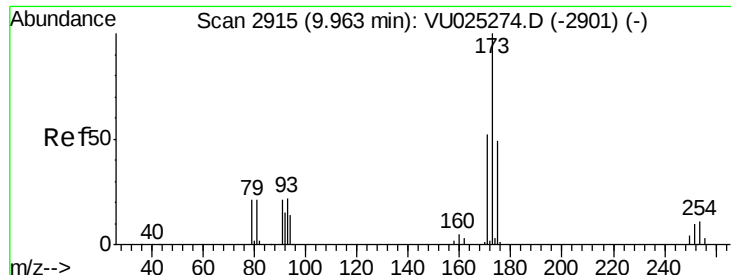
apatel
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#70
Styrene
Concen: 16.24 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion:104 Resp: 63404
Ion Ratio Lower Upper
104 100
78 53.9 41.6 62.4
103 56.9 44.6 66.8





#71

Bromoform

Concen: 17.65 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion:173 Resp: 18518

Ion Ratio Lower Upper

173 100

175 46.5 24.0 72.0

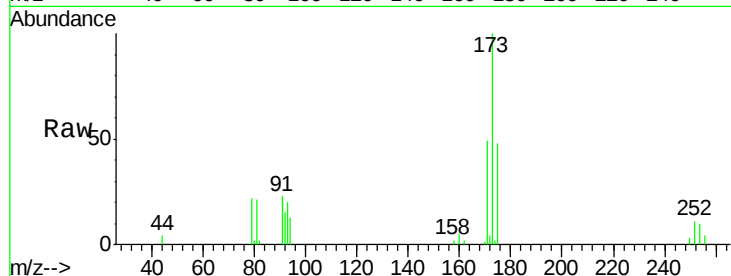
254 0.0 0.0 0.0

Manual Integrations

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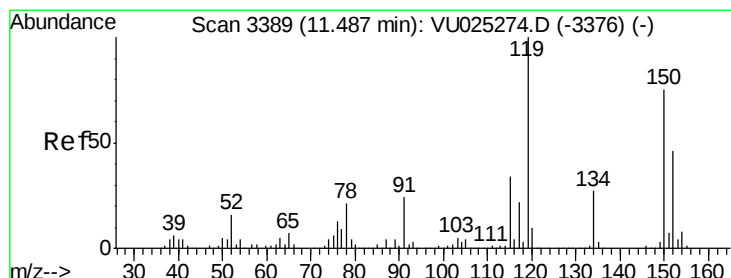
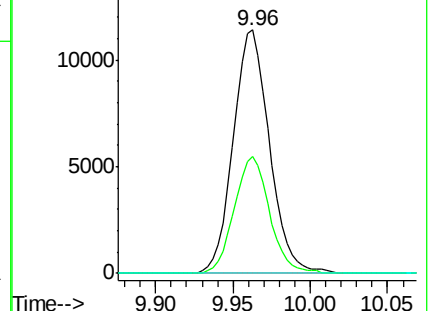
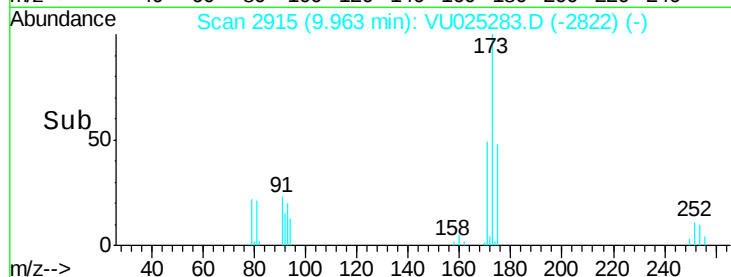
7/12/2018 11:19:22 AM



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: VU025283.D

Acq: 10 Jul 2018 12:43

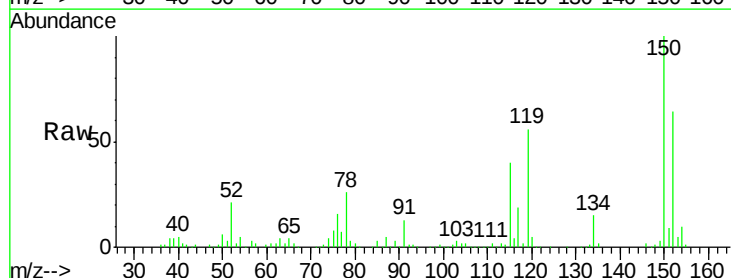
Tgt Ion:152 Resp: 82567

Ion Ratio Lower Upper

152 100

115 67.1 40.1 120.3

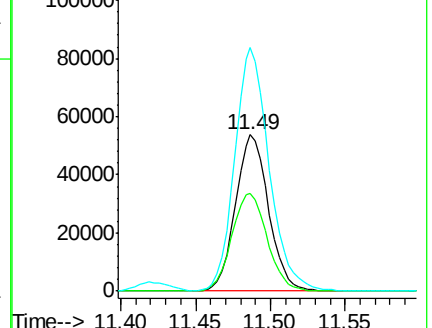
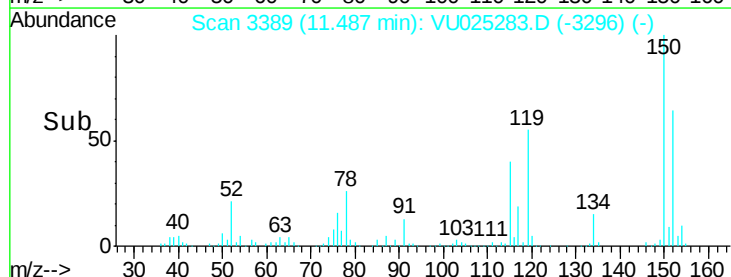
150 162.3 0.0 351.4



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





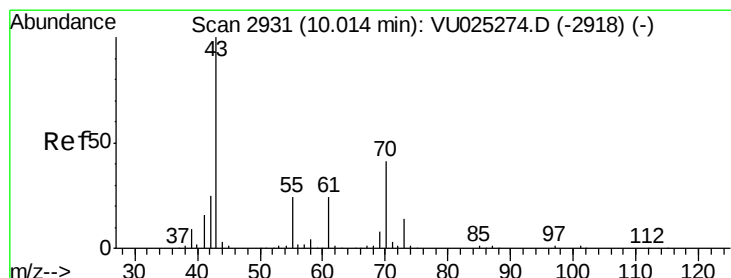
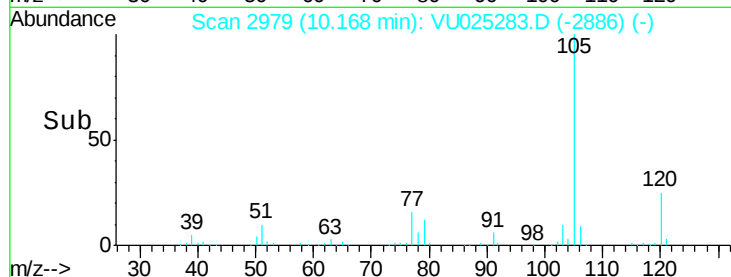
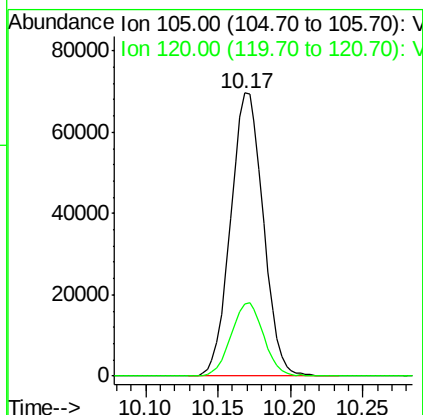
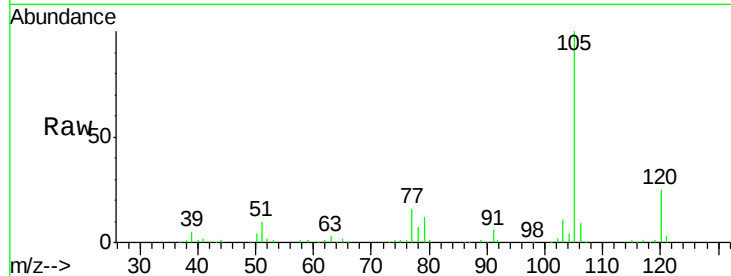
#73
Isopropylbenzene
Concen: 17.26 ug/l
RT: 10.17 min Scan# 2979
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 105 Resp: 108908
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.5

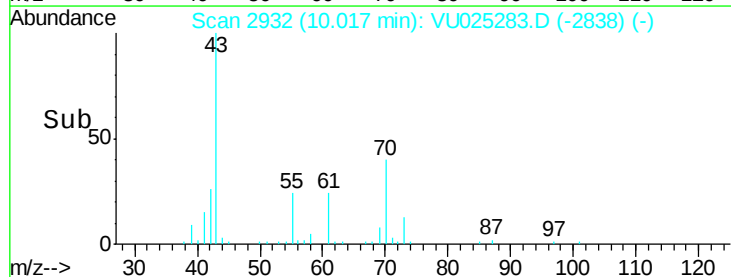
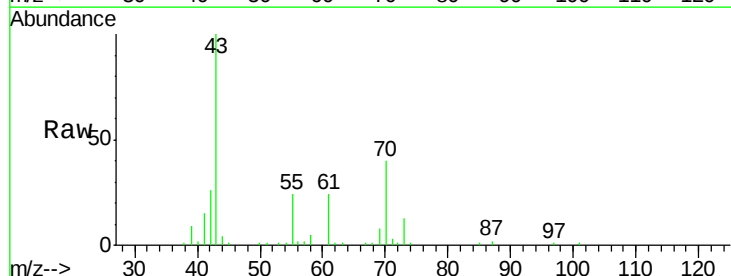
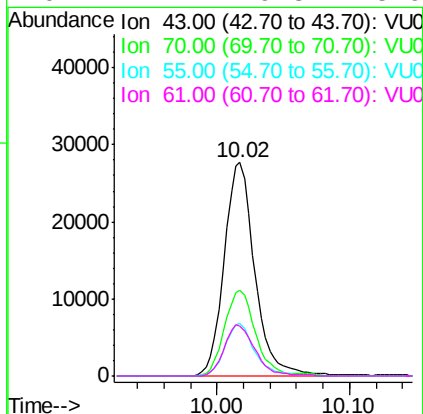
Manual Integrations
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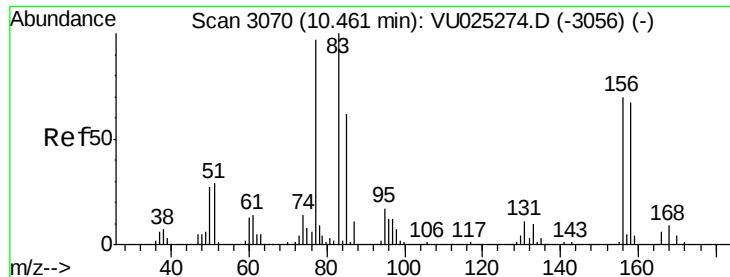
apatel
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#74
N-ethyl acetate
Concen: 18.04 ug/l
RT: 10.02 min Scan# 2932
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 43 Resp: 44423
Ion Ratio Lower Upper
43 100
70 40.1 33.4 50.2
55 24.1 19.0 28.6
61 24.1 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.21 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion: 83 Resp: 37591

Ion Ratio Lower Upper

83 100

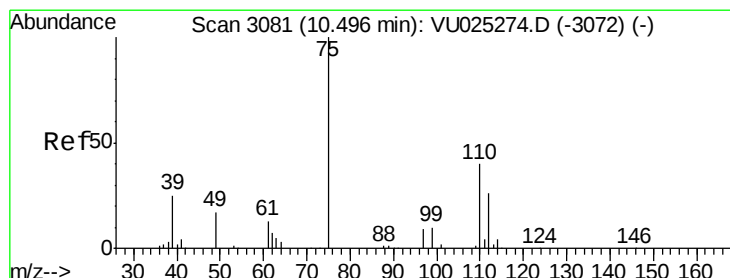
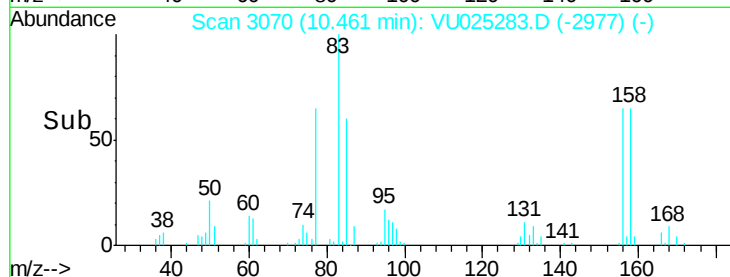
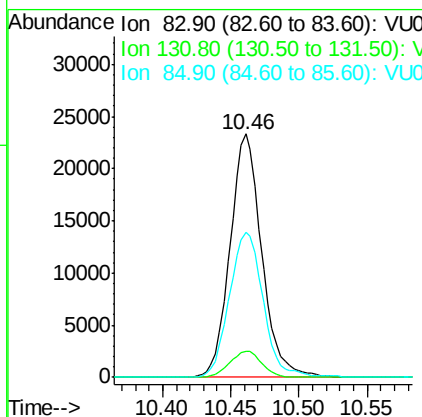
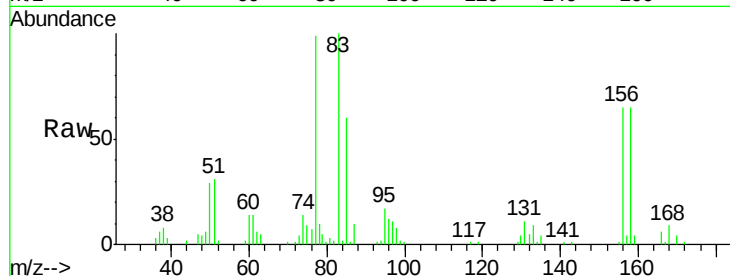
131 10.8 5.5 16.4

85 63.5 31.6 94.8

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#76

1,2,3-Trichloropropane

Concen: 20.32 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025283.D

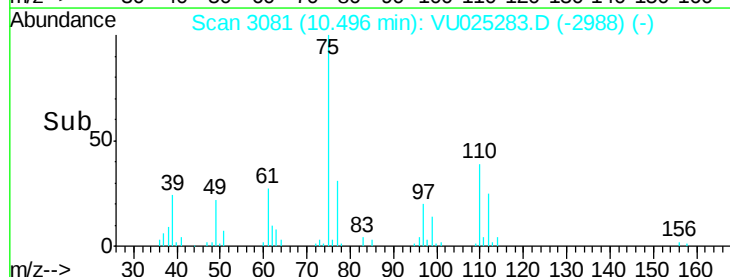
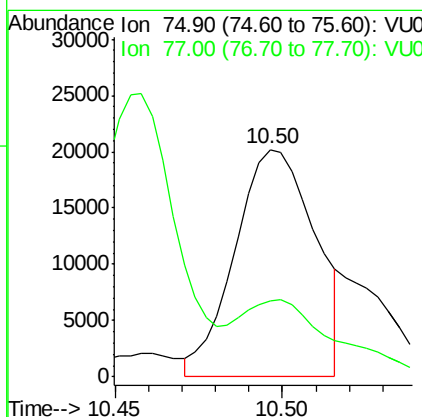
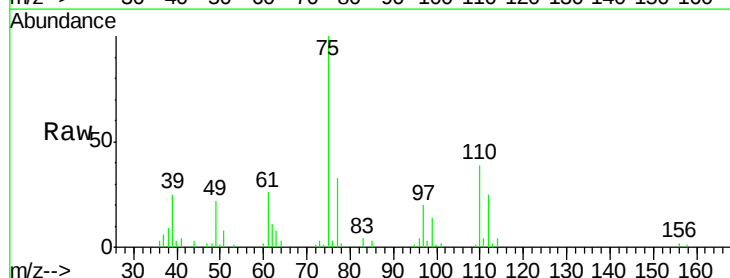
Acq: 10 Jul 2018 12:43

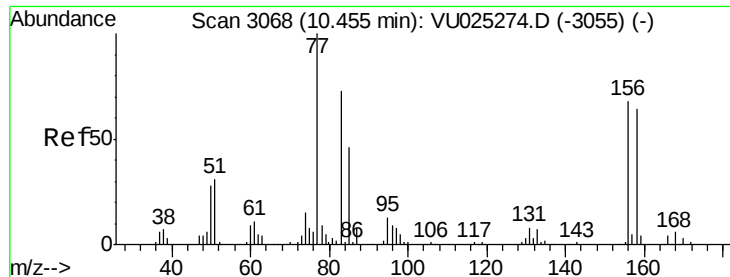
Tgt Ion: 75 Resp: 33719

Ion Ratio Lower Upper

75 100

77 40.6 20.4 61.3





#77

Bromobenzene

Concen: 17.27 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion:156 Resp: 27869

Ion Ratio Lower Upper

156 100

77 148.6 73.8 221.4

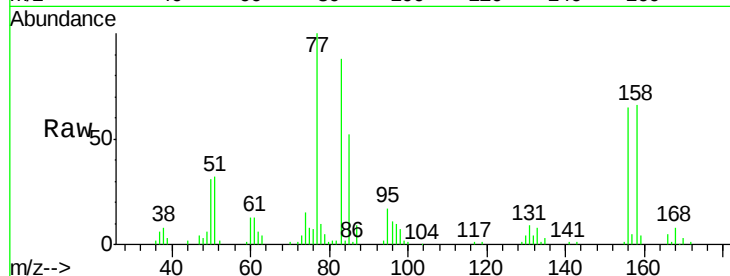
158 95.9 48.0 144.0

Manual Integrations

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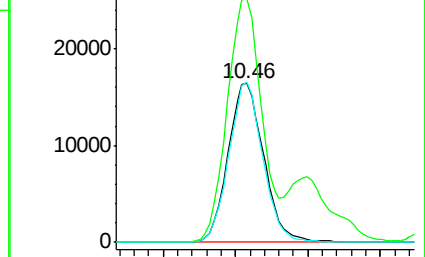
7/12/2018 11:19:22 AM



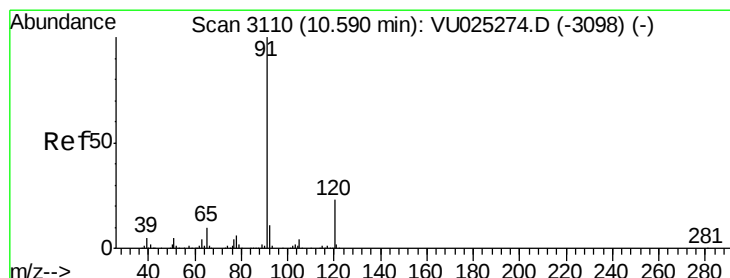
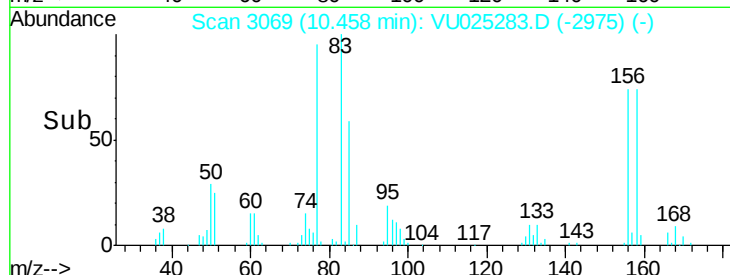
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 16.69 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025283.D

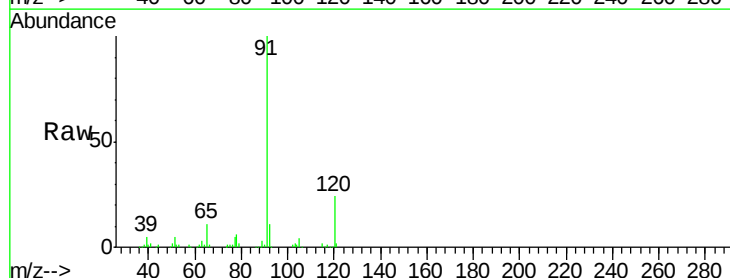
Acq: 10 Jul 2018 12:43

Tgt Ion: 91 Resp: 116838

Ion Ratio Lower Upper

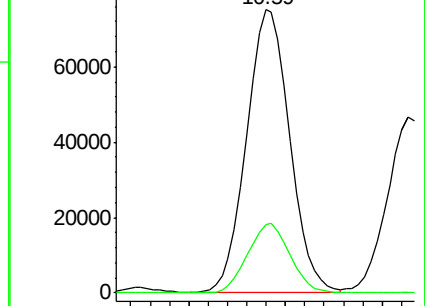
91 100

120 24.1 11.8 35.3

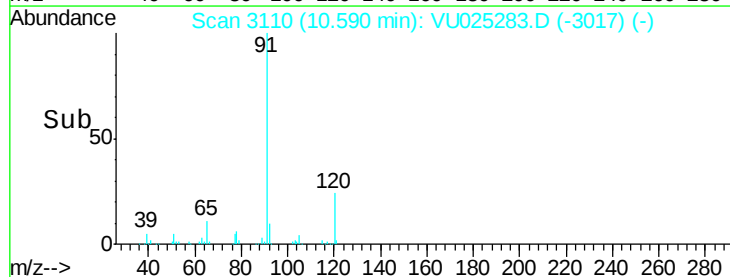


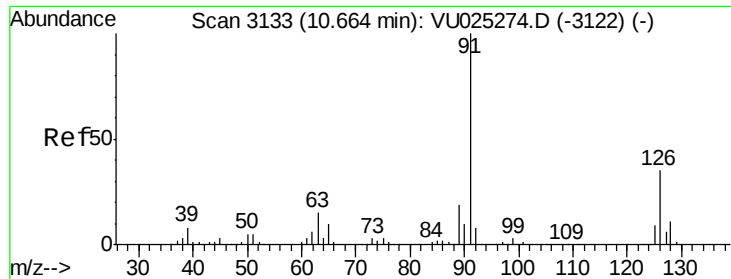
Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 18.69 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

Tot Ion: 91 Resp: 74775

Ion Ratio Lower Upper

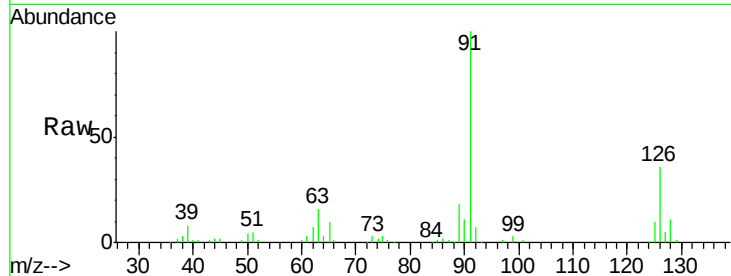
91 100

126 35.5 17.5 52.6

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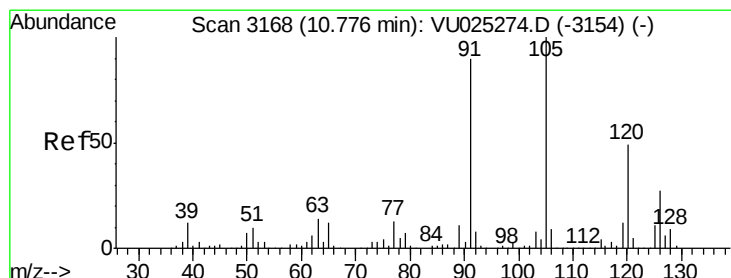
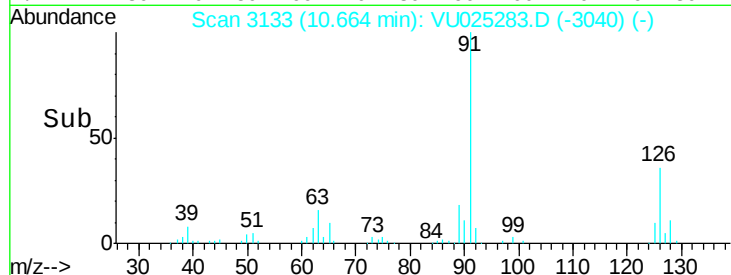
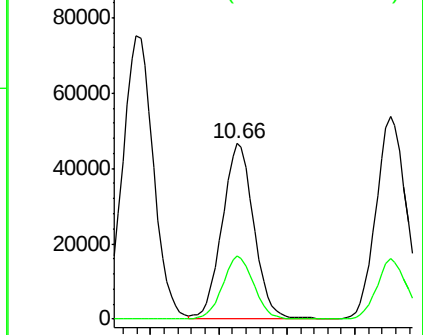
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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 16.99 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025283.D

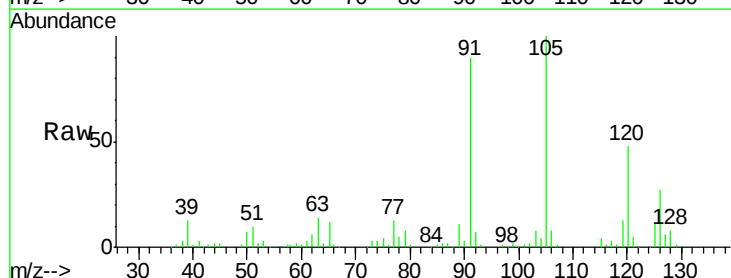
Acq: 10 Jul 2018 12:43

Tgt Ion: 105 Resp: 90209

Ion Ratio Lower Upper

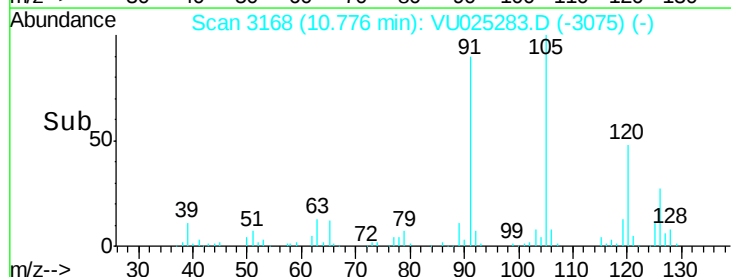
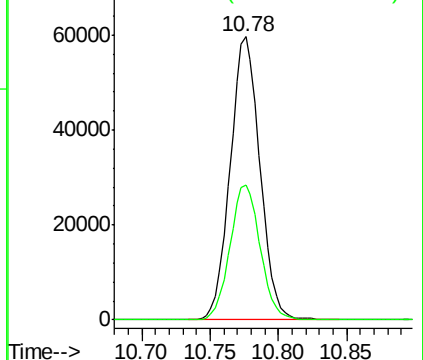
105 100

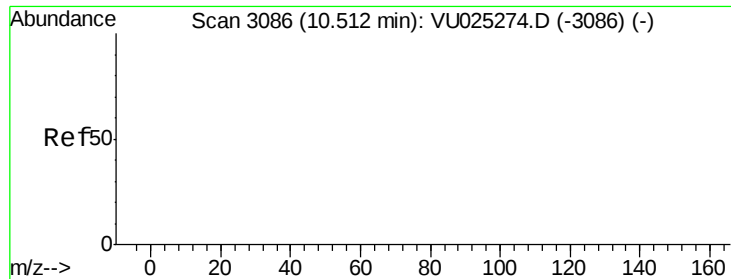
120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





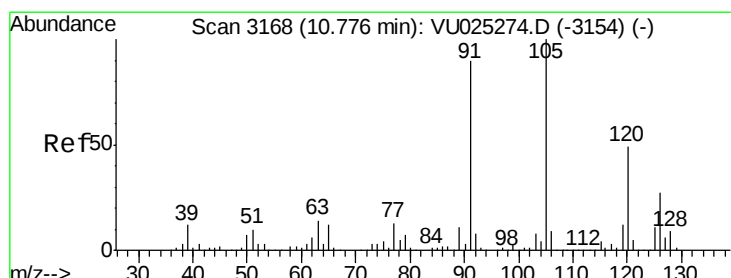
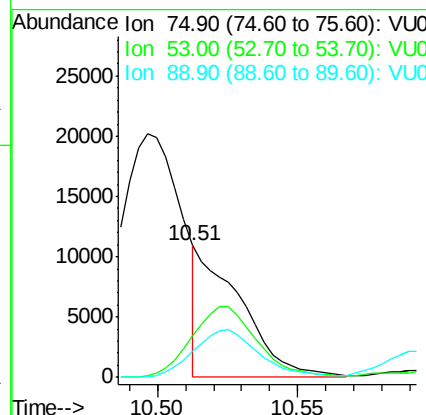
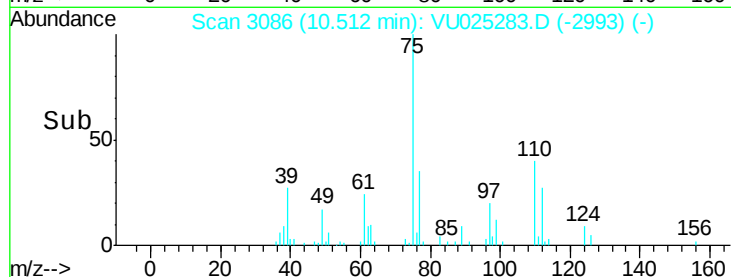
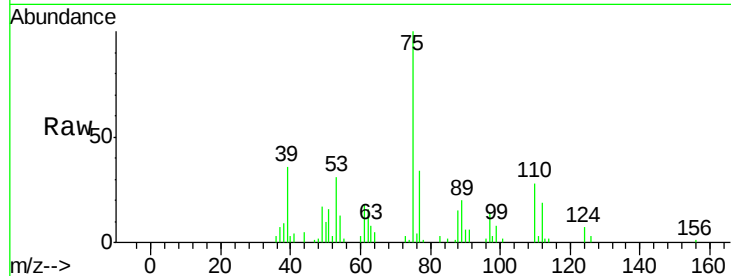
#81
trans-1,4-Dichloro-2-butene
Concen: 17.96 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

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

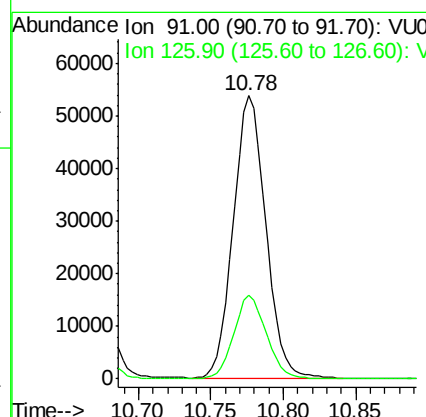
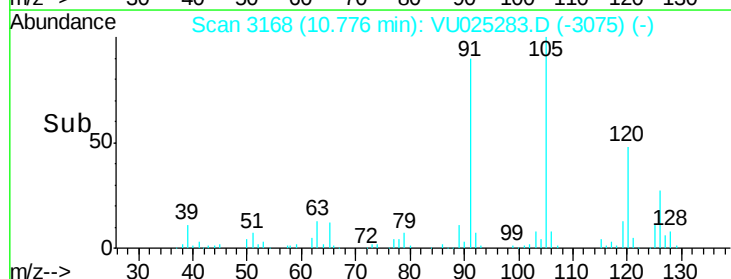
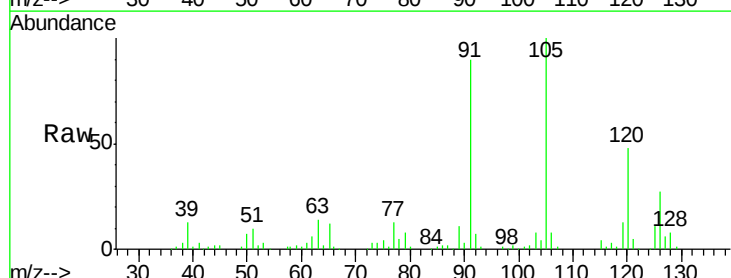
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#82
4-Chlorotoluene
Concen: 16.89 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	15.3	45.9





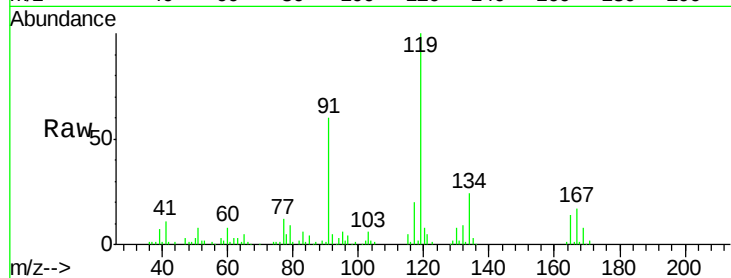
#83
tert-Butylbenzene
Concen: 17.14 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

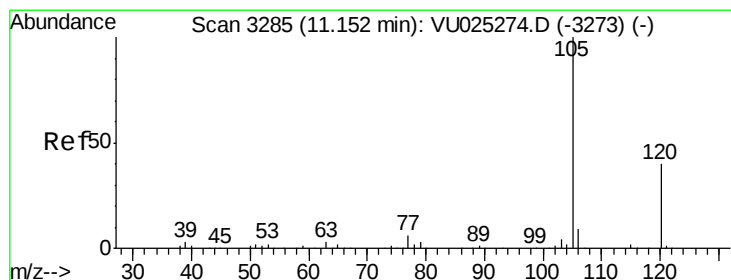
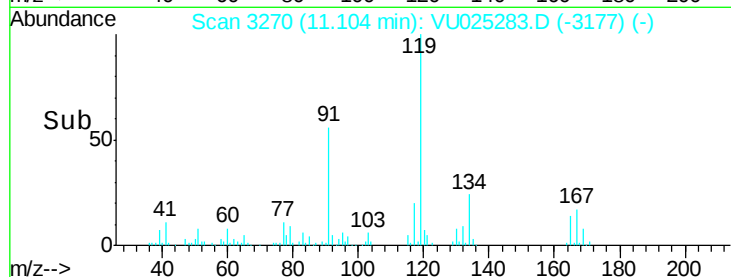
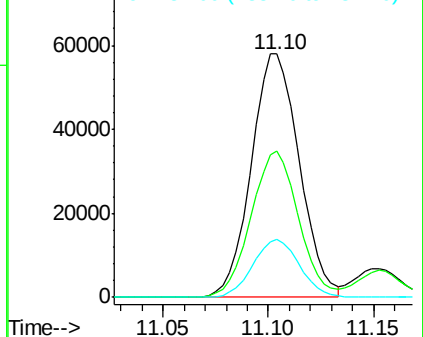
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.7	89.1
134	23.0	11.5	34.5

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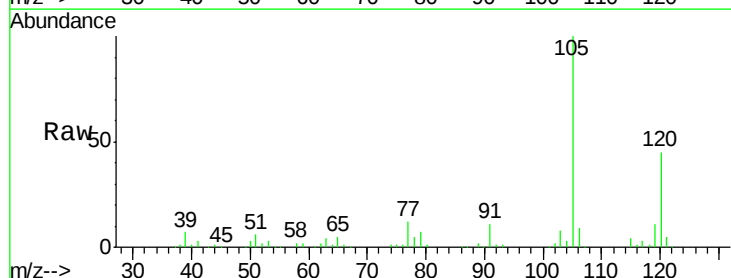


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

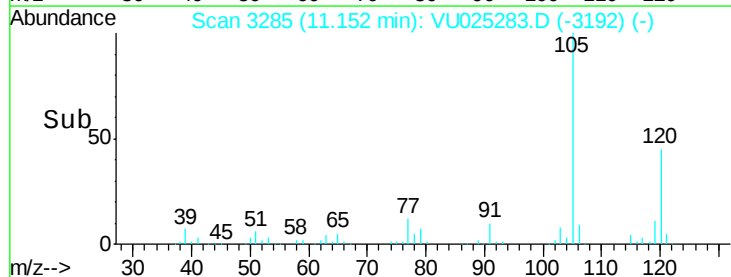
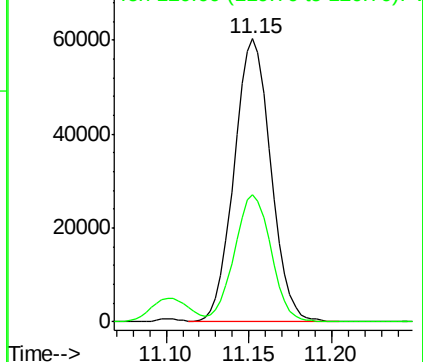


#84
1,2,4-Trimethylbenzene
Concen: 16.97 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8



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





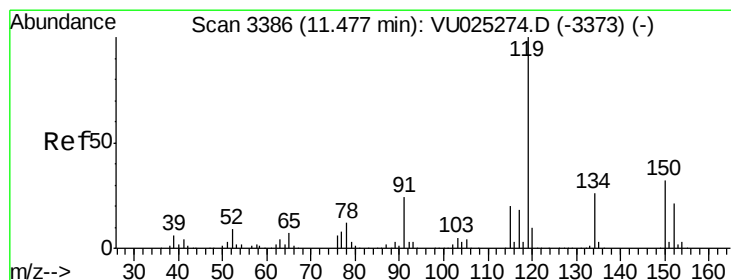
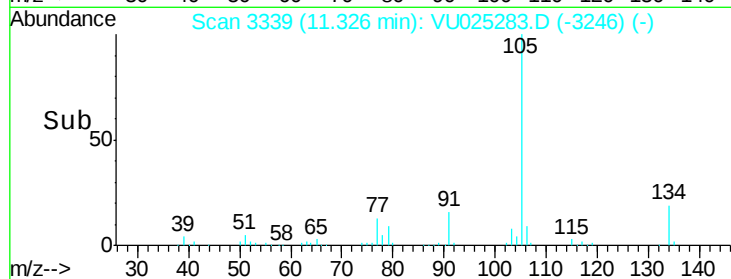
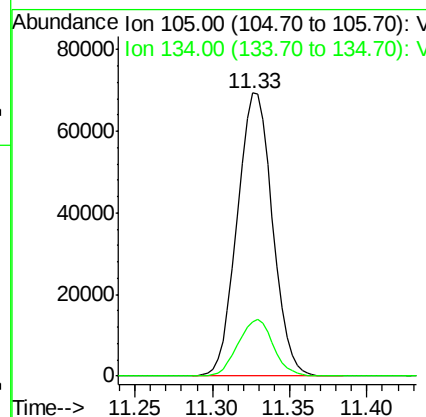
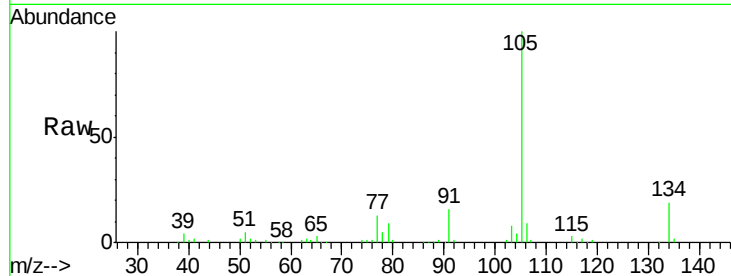
#85
 sec-Butylbenzene
 Concen: 17.38 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.3	30.8

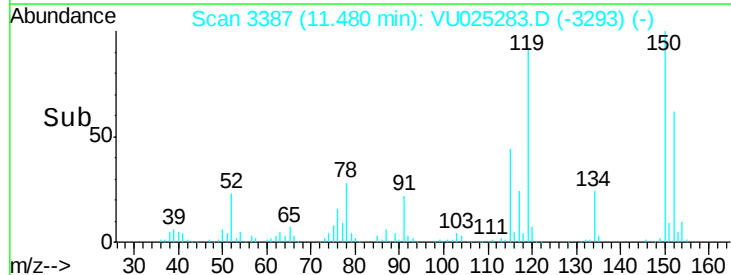
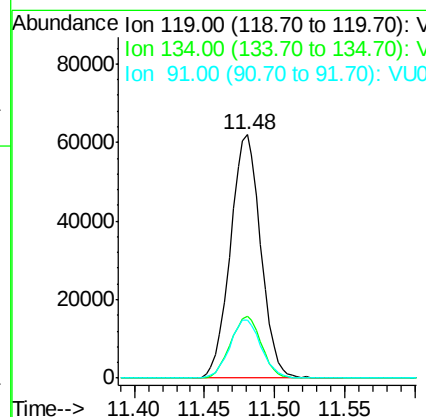
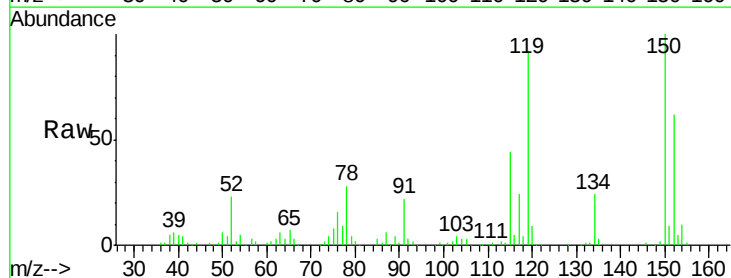
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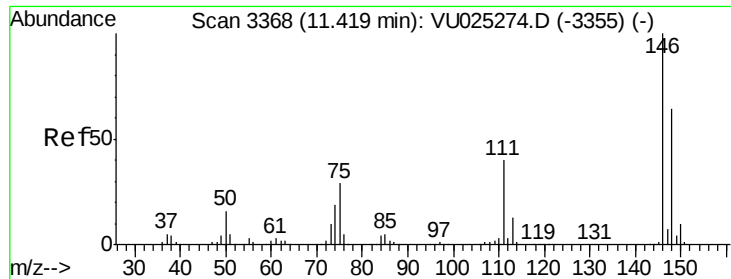
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#86
 p-Isopropyltoluene
 Concen: 16.66 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.2	39.5
91	24.7	12.0	36.1





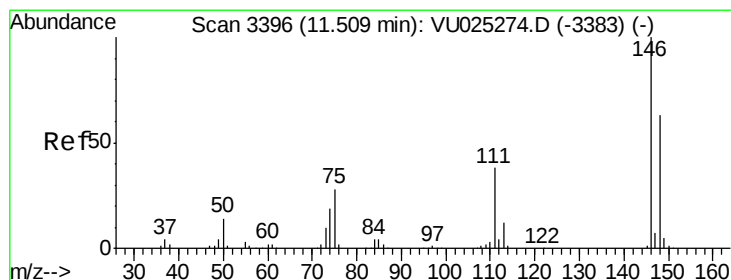
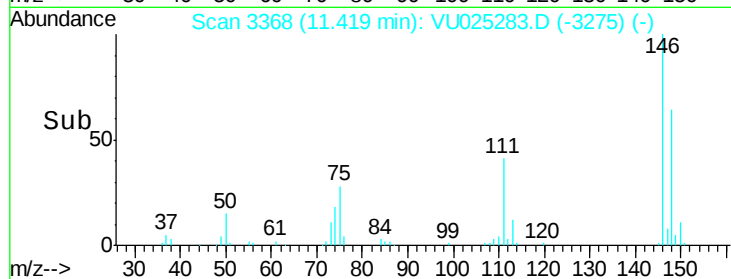
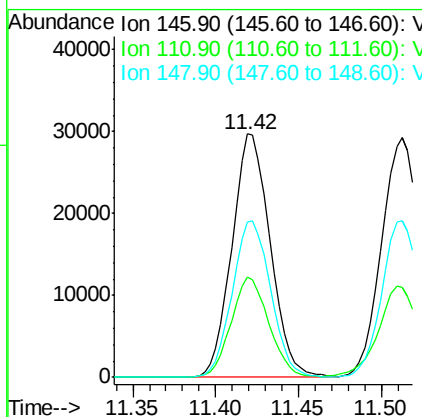
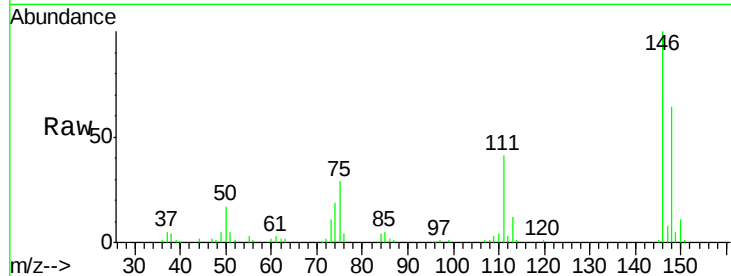
#87
 1,3-Dichlorobenzene
 Concen: 16.23 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.1
148	64.3	32.1	96.3

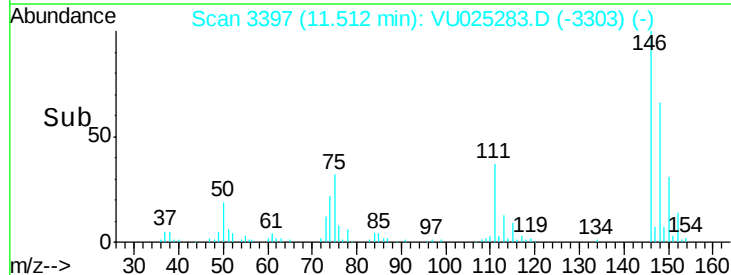
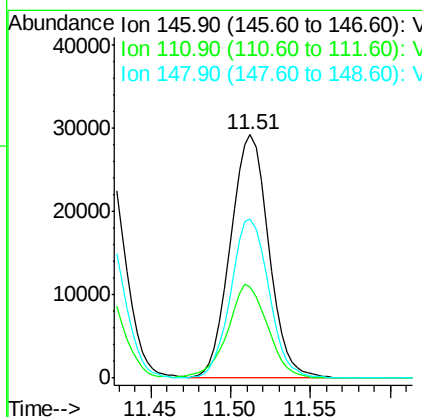
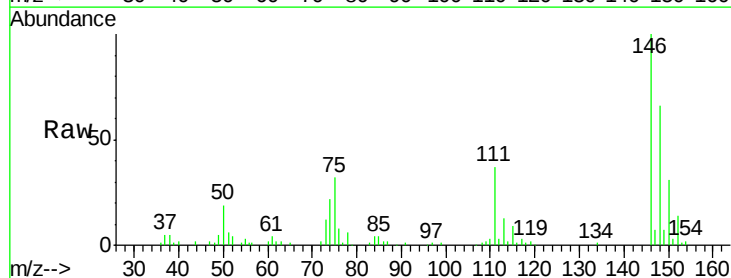
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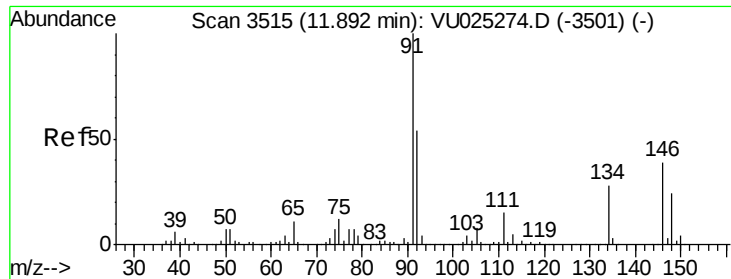
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#88
 1,4-Dichlorobenzene
 Concen: 17.58 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.4	58.1
148	65.0	31.7	95.1





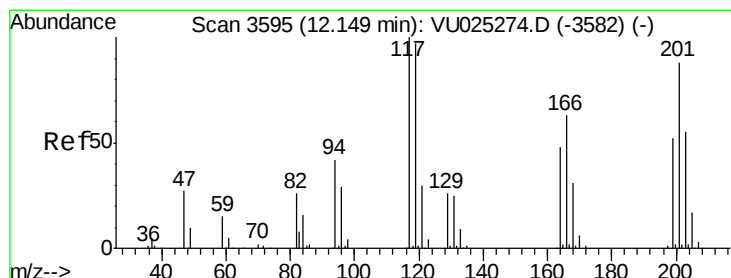
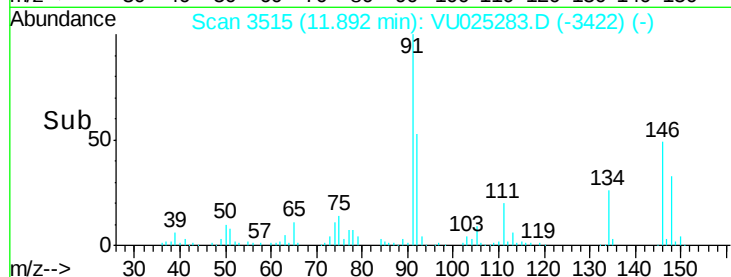
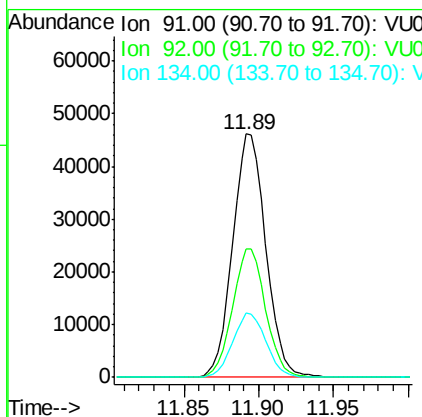
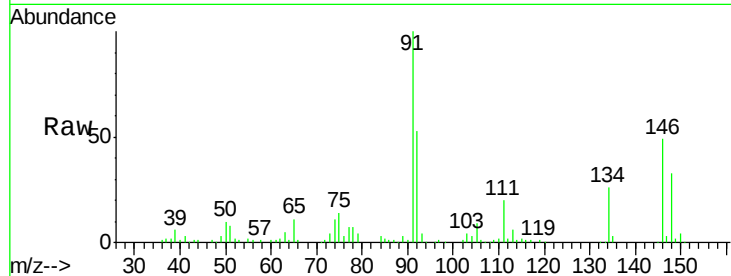
#89
n-Butylbenzene
Concen: 15.52 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	52.4	26.5	79.5	
134	26.5	13.6	40.7	

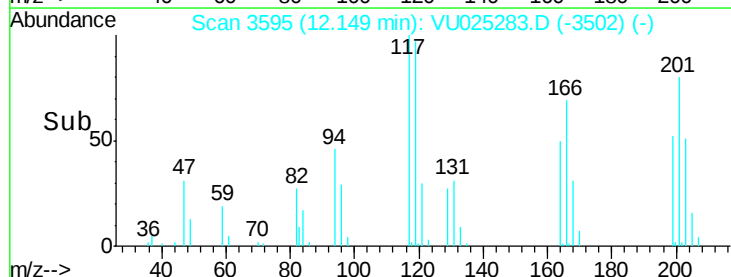
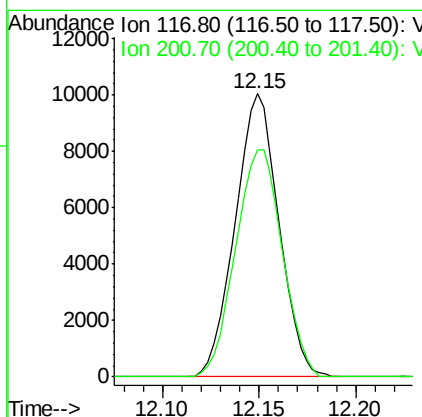
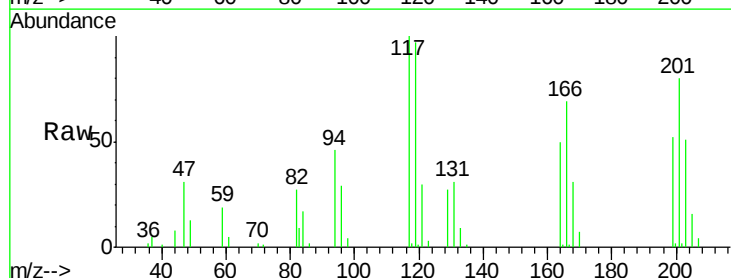
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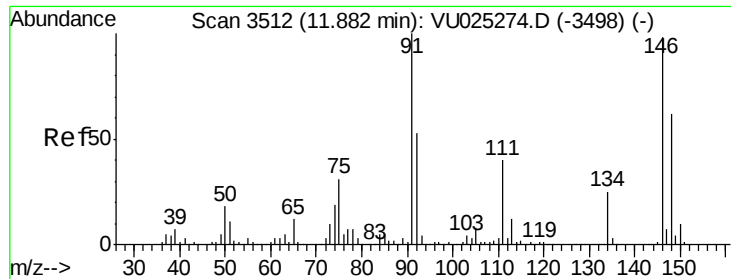
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#90
Hexachloroethane
Concen: 16.67 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	85.6	42.5	127.6	





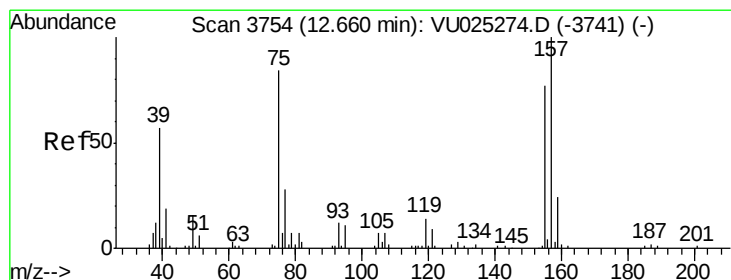
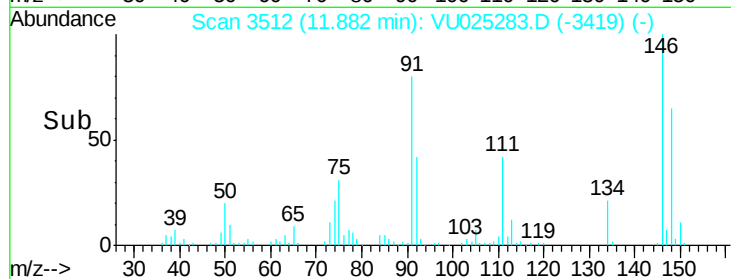
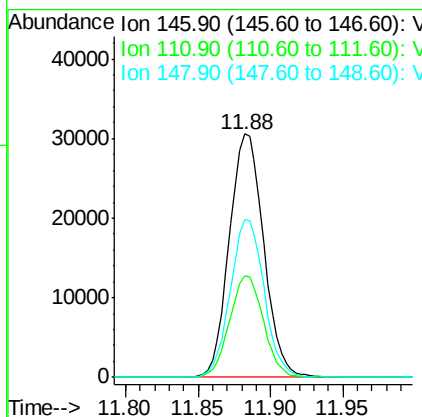
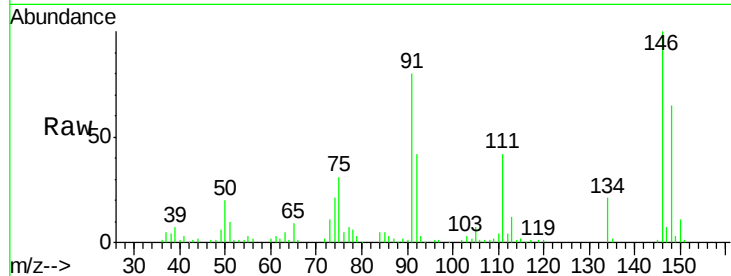
#91
 1,2-Dichlorobenzene
 Concen: 16.94 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	63.6	31.5	94.5

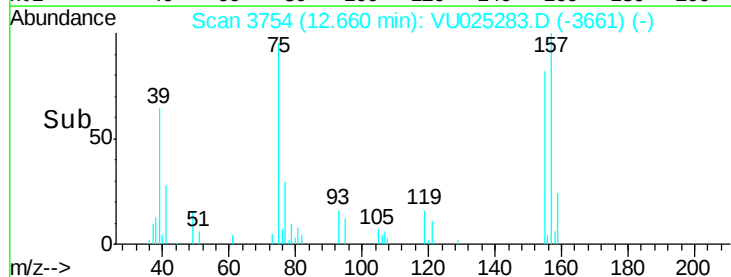
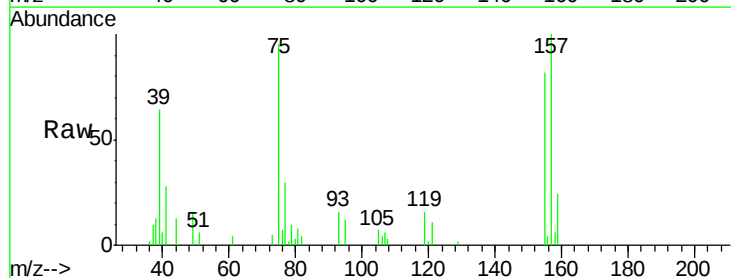
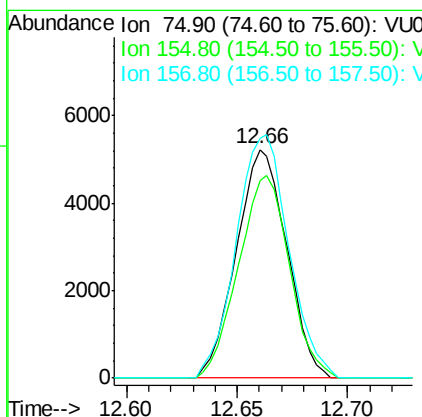
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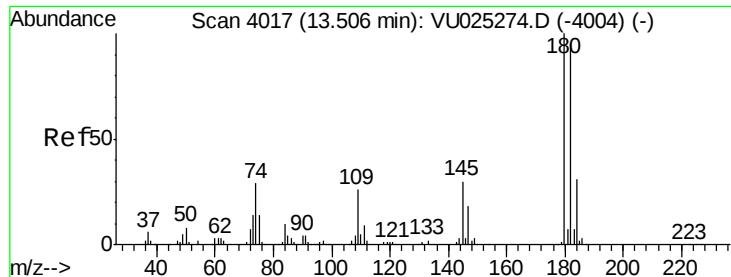
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.59 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	44.5	133.3
157	110.9	57.0	170.8





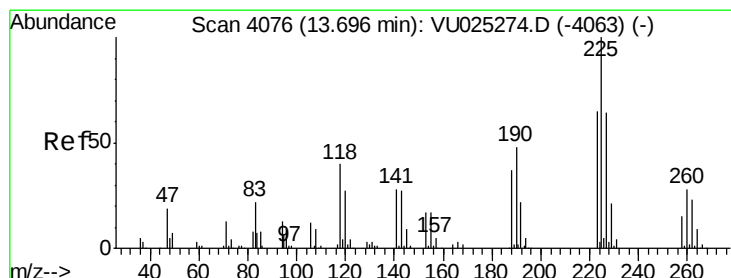
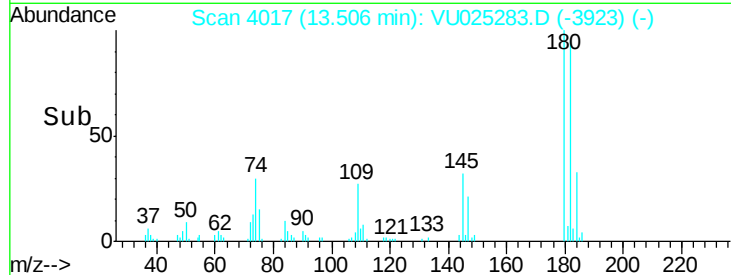
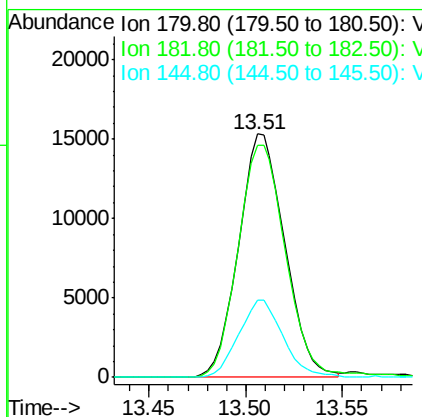
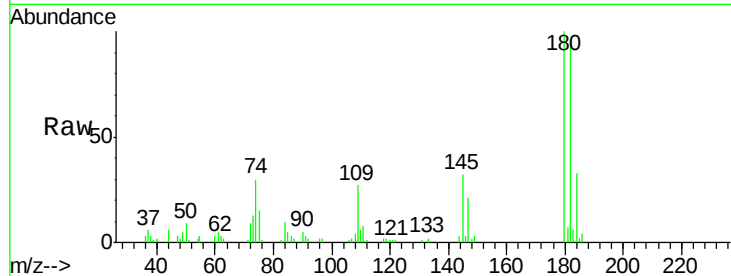
#93
 1,2,4-Trichlorobenzene
 Concen: 15.19 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.3	141.9
145	30.4	14.9	44.7

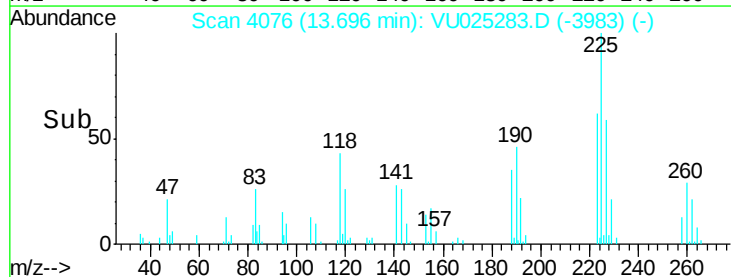
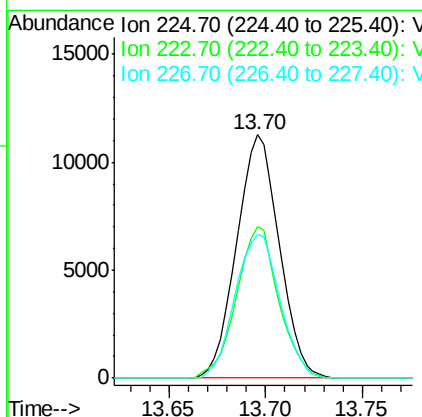
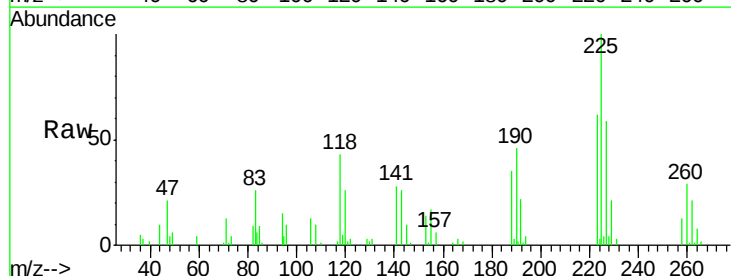
Manual Integrations
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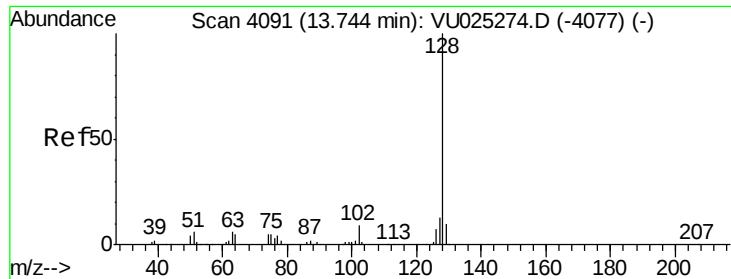
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#94
 Hexachlorobutadiene
 Concen: 16.20 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.9	95.7
227	61.9	32.3	96.9





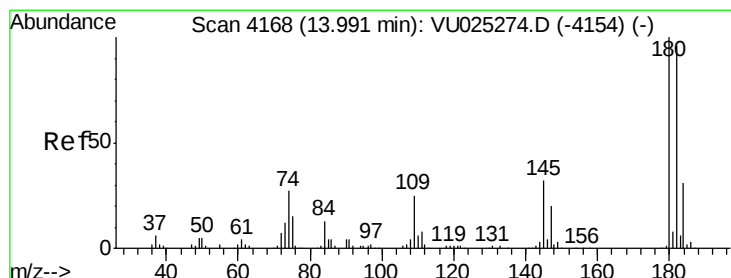
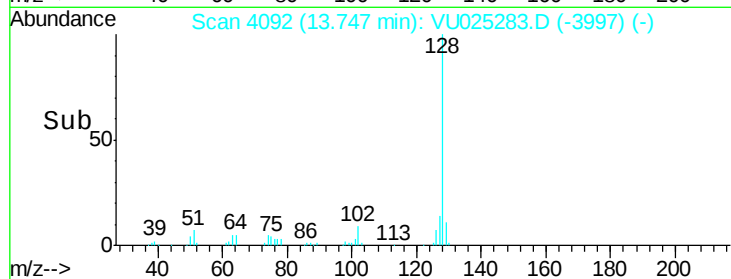
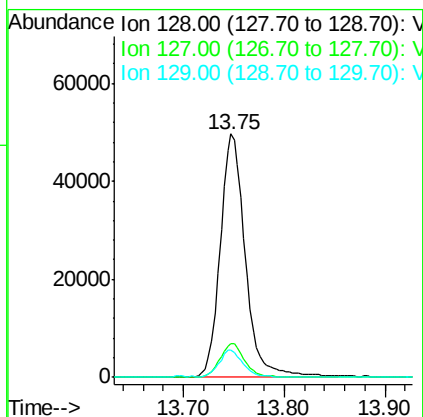
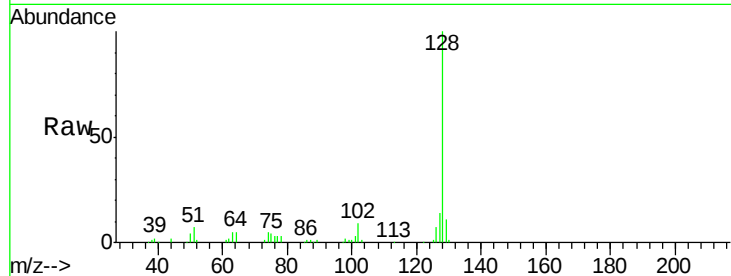
#95
Naphthalene
Concen: 15.99 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	10.8	8.3	12.5

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 15.75 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.3
145	32.3	15.6	46.8

