

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025087.D
 Acq On : 30 Jun 2018 14:45
 Operator : MD/SY
 Sample : Vu0630WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Manual Integrations
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Quant Time: Jul 02 06:49:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	173239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	264920	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	247766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	141369	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	135470	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.80%		
35) Dibromofluoromethane	4.89	113	109882	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.96%		
50) Toluene-d8	7.57	98	355688	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.70%		
62) 4-Bromofluorobenzene	10.31	95	149568	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	38130	17.58	ug/l	100
3) Chloromethane	1.33	50	40304	18.19	ug/l	99
4) Vinyl Chloride	1.40	62	44771	19.60	ug/l	100
5) Bromomethane	1.62	94	29190	26.43	ug/l	97
6) Chloroethane	1.70	64	29427	22.47	ug/l	99
7) Trichlorofluoromethane	1.89	101	74065	21.24	ug/l	96
8) Diethyl Ether	2.10	74	27544	22.17	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43570	20.14	ug/l	97
10) Methyl Iodide	2.41	142	43496	26.54	ug/l	98
11) Tert butyl alcohol	2.82	59	71646	104.16	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39321	19.93	ug/l	99
13) Acrolein	2.19	56	14725	40.77	ug/l	99
14) Allyl chloride	2.60	41	68586	18.73	ug/l	97
15) Acrylonitrile	2.94	53	137251	102.56	ug/l	99
16) Acetone	2.32	43	152368	100.27	ug/l	99
17) Carbon Disulfide	2.48	76	110472	17.49	ug/l	100
18) Methyl Acetate	2.62	43	79279	24.34	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	159008	21.44	ug/l	95
20) Methylene Chloride	2.70	84	48875	20.50	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	43138	19.86	ug/l	99
22) Diisopropyl ether	3.57	45	151745	20.90	ug/l	93
23) Vinyl Acetate	3.53	43	636704	97.90	ug/l	99
24) 1,1-Dichloroethane	3.45	63	87696	21.00	ug/l	98
25) 2-Butanone	4.26	43	206843	101.34	ug/l	94
26) 2,2-Dichloropropane	4.23	77	83512	21.06	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	52656	21.08	ug/l	99
28) Bromochloromethane	4.55	49	36756	19.98	ug/l	85
29) Tetrahydrofuran	4.64	42	128529	101.68	ug/l	97
30) Chloroform	4.68	83	93131	22.03	ug/l	96
31) Cyclohexane	5.00	56	80986	20.68	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	85723	21.93	ug/l	96
36) 1,1-Dichloropropene	5.14	75	64966	20.87	ug/l	98
37) Ethyl Acetate	4.38	43	73366	21.62	ug/l	96
38) Carbon Tetrachloride	5.14	117	73542	21.48	ug/l	100

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	80304	20.67	ug/l	95
40) Benzene	5.39	78	191867	21.63	ug/l	100
41) Methacrylonitrile	4.54	41	40845	22.33	ug/l	98
42) 1,2-Dichloroethane	5.41	62	80106	23.71	ug/l	99
43) Isopropyl Acetate	5.55	43	119959	20.45	ug/l	99
44) Trichloroethene	6.19	130	52894	20.95	ug/l	96
45) 1,2-Dichloropropane	6.44	63	49965	21.11	ug/l	99
46) Dibromomethane	6.56	93	36749	22.10	ug/l	95
47) Bromodichloromethane	6.76	83	69637	21.04	ug/l	98
48) Methyl methacrylate	6.63	41	61096	21.39	ug/l	97
49) 1,4-Dioxane	6.62	88	27986	501.09	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	383321	104.03	ug/l	98
52) Toluene	7.64	92	123062	21.56	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	74807	20.12	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	77773	19.63	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	51356	22.14	ug/l	96
56) Ethyl methacrylate	8.02	69	78132	20.12	ug/l	98
57) 1,3-Dichloropropane	8.25	76	86550	22.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	133867	90.00	ug/l	96
59) 2-Hexanone	8.36	43	307965	102.38	ug/l	98
60) Dibromochloromethane	8.48	129	54927	18.99	ug/l	100
61) 1,2-Dibromoethane	8.59	107	55010	21.31	ug/l	100
64) Tetrachloroethene	8.23	164	50231	21.33	ug/l	98
65) Chlorobenzene	9.12	112	140436	22.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	53711	22.34	ug/l	98
67) Ethyl Benzene	9.25	91	240529	21.68	ug/l	98
68) m/p-Xylenes	9.38	106	188904	44.33	ug/l	96
69) o-Xylene	9.78	106	93229	22.11	ug/l	97
70) Styrene	9.80	104	144232	20.81	ug/l	98
71) Bromoform	9.96	173	42628	18.65	ug/l #	98
73) Isopropylbenzene	10.17	105	251866	23.21	ug/l	100
74) N-amyl acetate	10.01	43	103063	19.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82484	22.68	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	74209m	23.84	ug/l	
77) Bromobenzene	10.45	156	63105	22.97	ug/l	95
78) n-propylbenzene	10.59	91	276443	21.62	ug/l	97
79) 2-Chlorotoluene	10.66	91	172553	22.89	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	215745	22.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	22129m	16.46	ug/l	
82) 4-Chlorotoluene	10.78	91	190232	21.68	ug/l	100
83) tert-Butylbenzene	11.10	119	215623	23.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	216687	22.60	ug/l	99
85) sec-Butylbenzene	11.33	105	251668	22.22	ug/l	98
86) p-Isopropyltoluene	11.48	119	221038	21.79	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	109890	21.65	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	111230	21.77	ug/l	99
89) n-Butylbenzene	11.89	91	169998	18.87	ug/l	97
90) Hexachloroethane	12.15	117	38692	19.55	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	117090	23.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19882	19.81	ug/l	94

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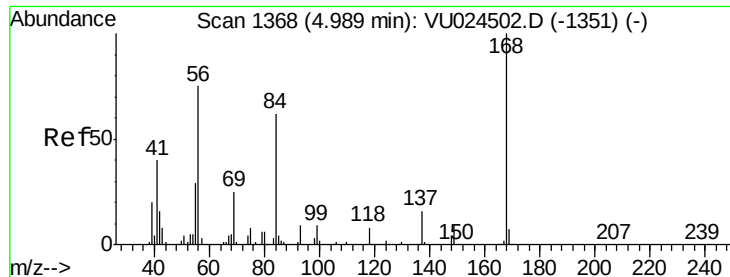
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	67998	21.66	ug/l	98
94) Hexachlorobutadiene	13.70	225	39314	22.24	ug/l	99
95) Naphthalene	13.74	128	217230	21.29	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	71683	22.91	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion:168 Resp: 173239

Ion Ratio Lower Upper

168 100

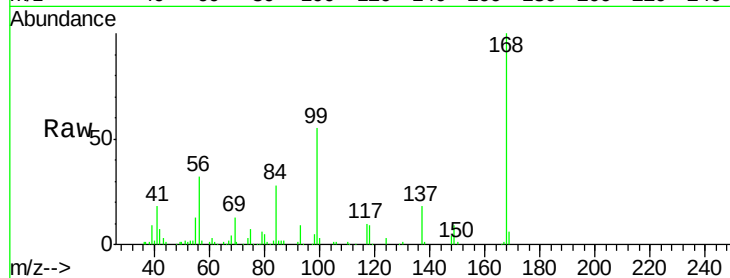
99 55.1 43.2 64.8

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

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

4.99

80000

60000

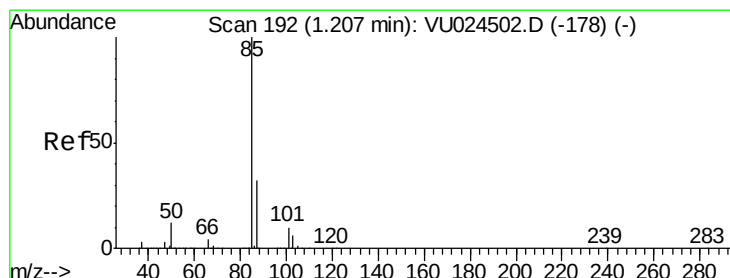
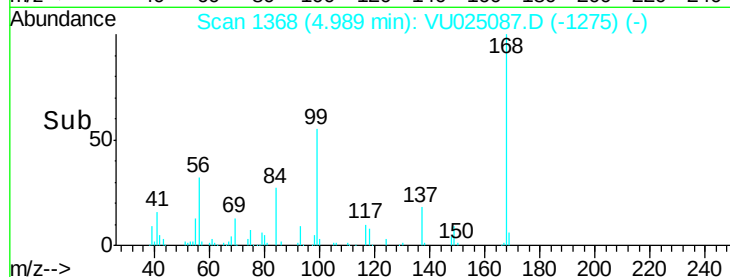
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.58 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025087.D

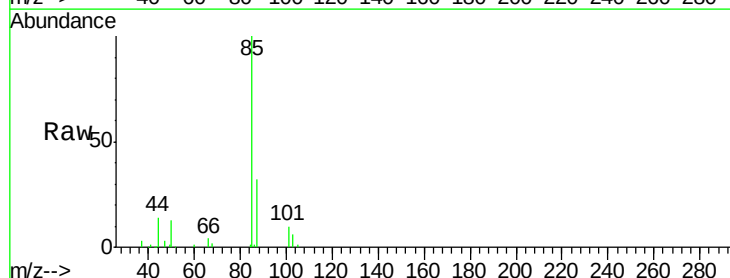
Acq: 30 Jun 2018 14:45

Tgt Ion: 85 Resp: 38130

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



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

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

1.20

40000

30000

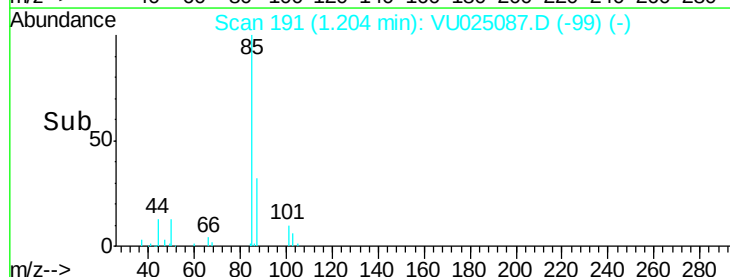
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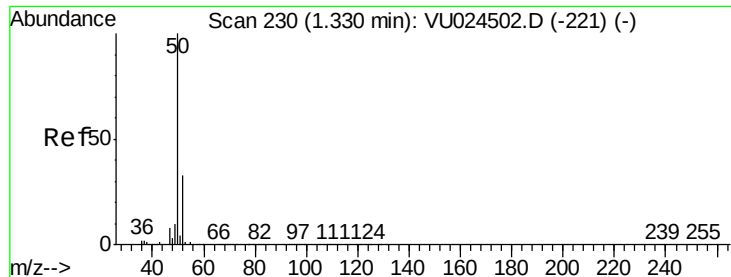
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.19 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 50 Resp: 40304

Ion Ratio Lower Upper

50 100

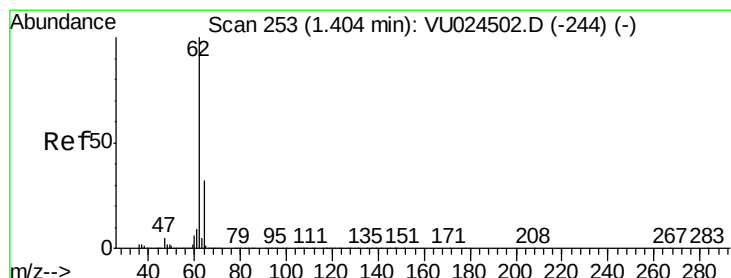
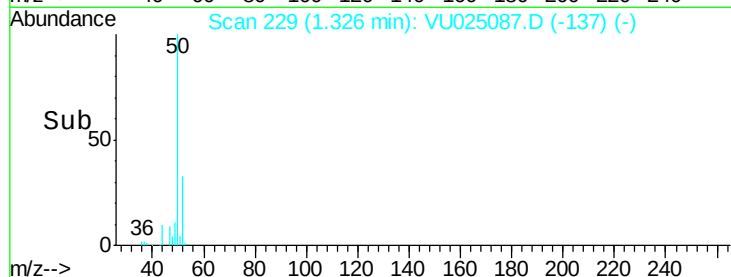
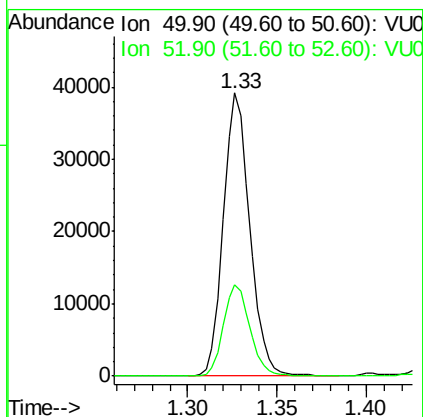
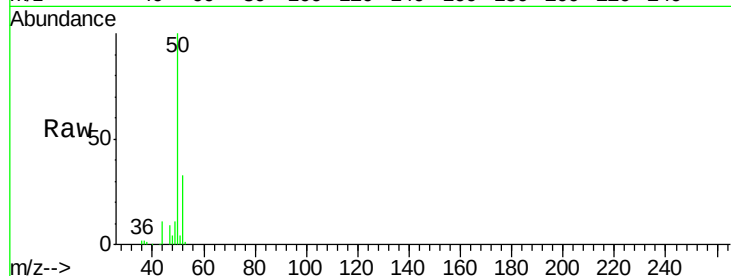
52 32.5 26.4 39.6

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#4

Vinyl Chloride

Concen: 19.60 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025087.D

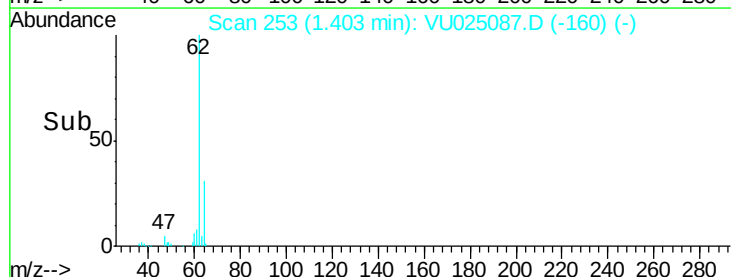
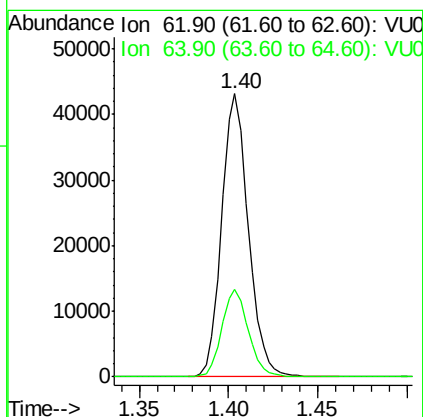
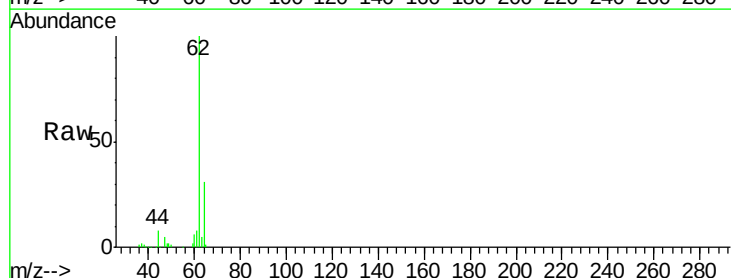
Acq: 30 Jun 2018 14:45

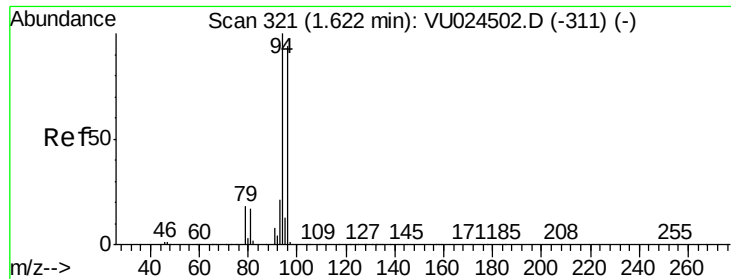
Tgt Ion: 62 Resp: 44771

Ion Ratio Lower Upper

62 100

64 30.8 24.8 37.2





#5

Bromomethane

Concen: 26.43 ug/l

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 94 Resp: 29190

Ion Ratio Lower Upper

94 100

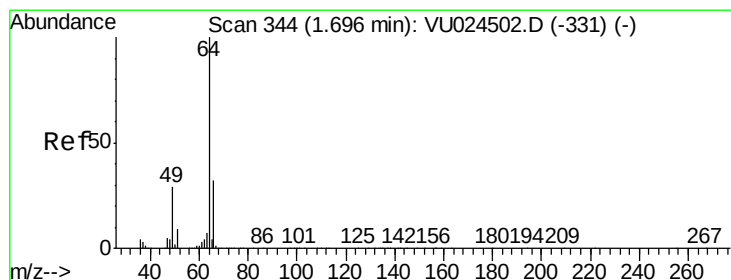
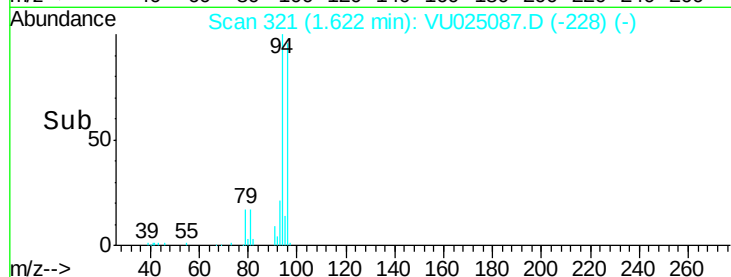
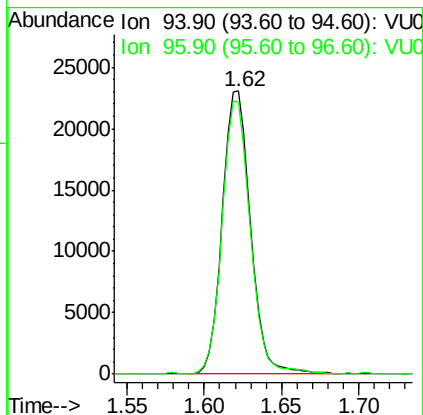
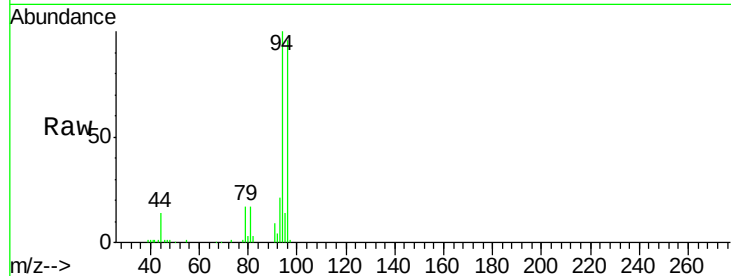
96 95.9 74.5 111.7

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#6

Chloroethane

Concen: 22.47 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025087.D

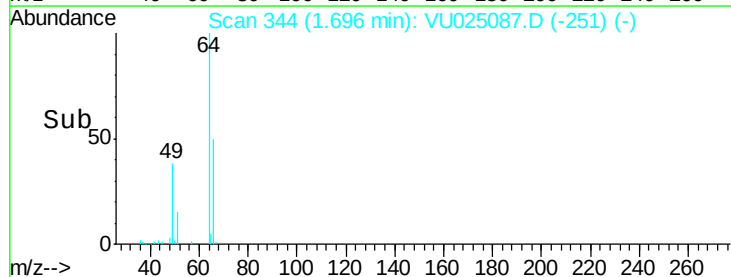
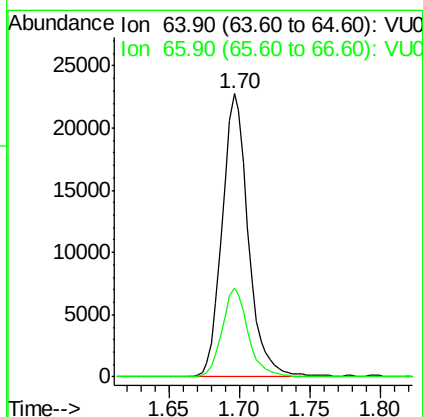
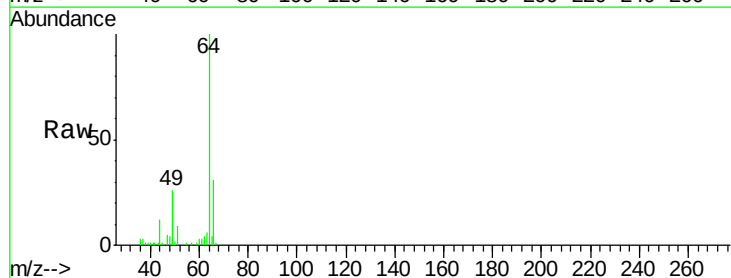
Acq: 30 Jun 2018 14:45

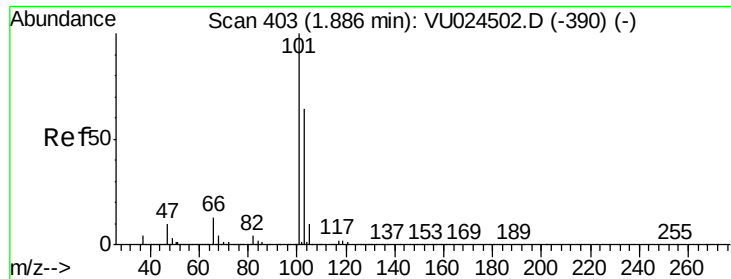
Tgt Ion: 64 Resp: 29427

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

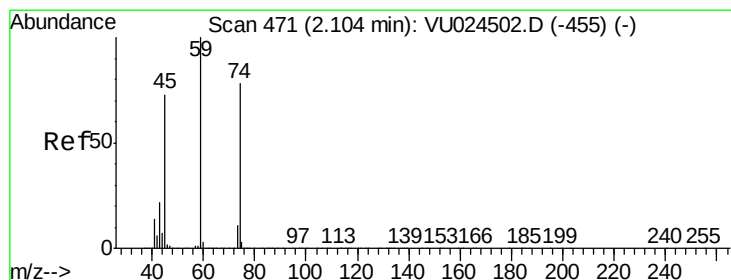
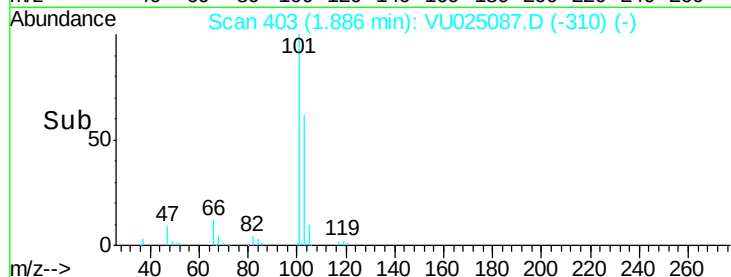
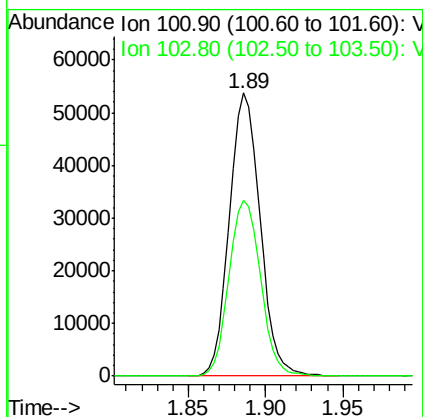
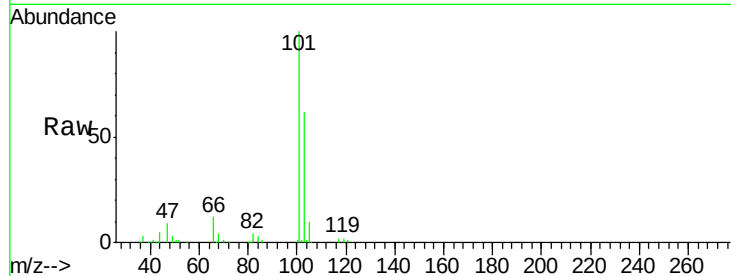
Trichlorofluoromethane
Concen: 21.24 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU025087.D
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ClientSampleId :
VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.3	78.5

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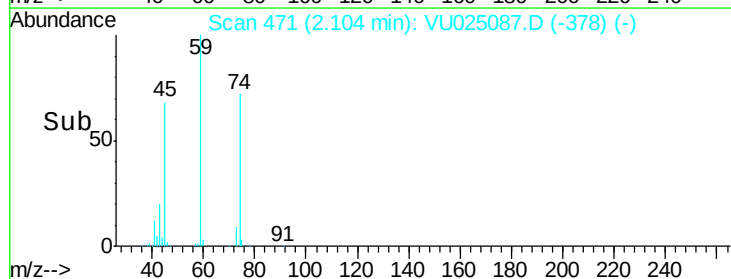
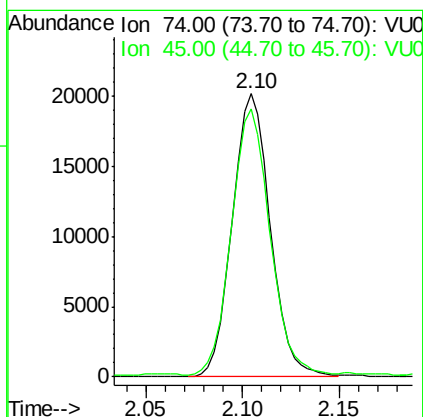
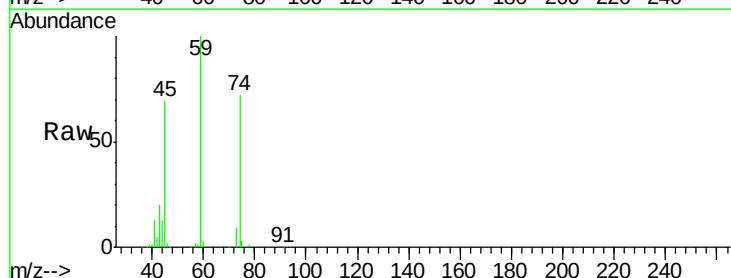
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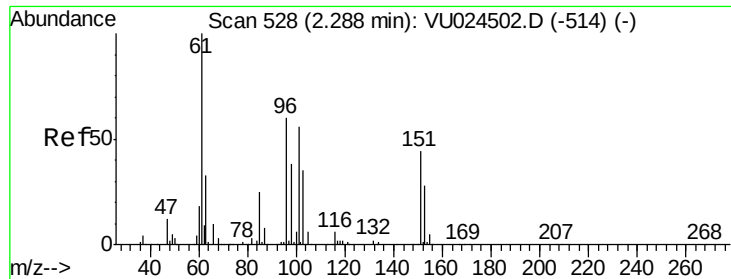


#8

Diethyl Ether
Concen: 22.17 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.14 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

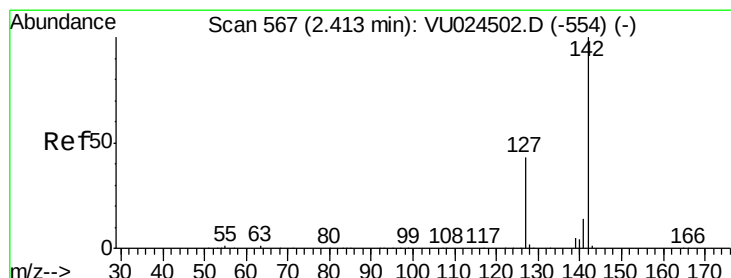
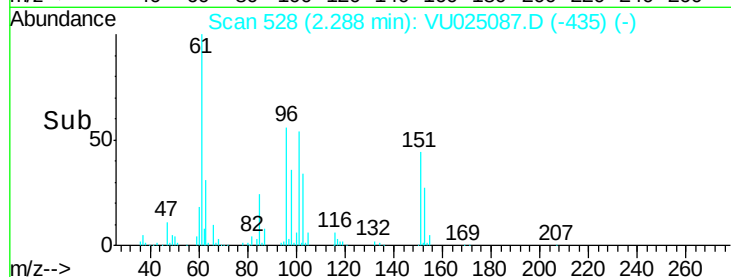
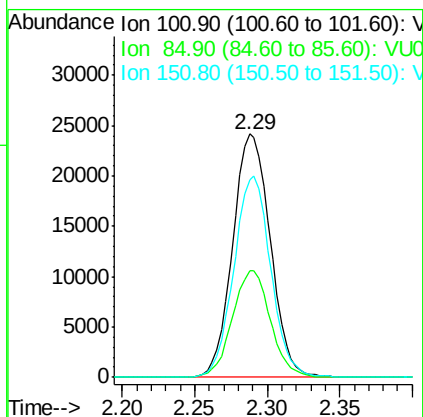
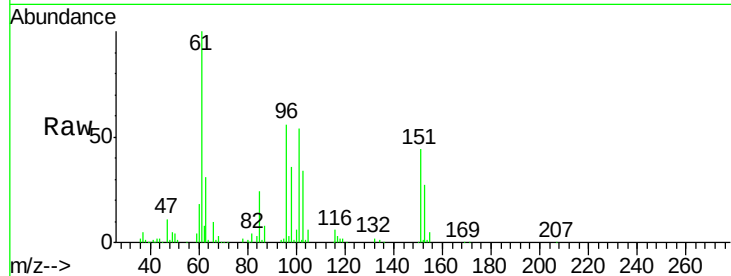
ClientSampleId :

VU0630WBSD01

Tot Ion:	101	Resp:	43570
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	81.1	62.3	93.5

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#10

Methyl Iodide

Concen: 26.54 ug/l

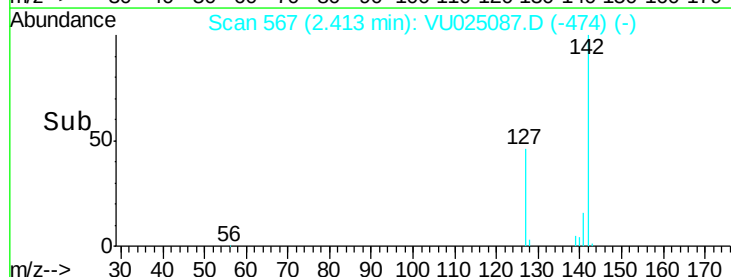
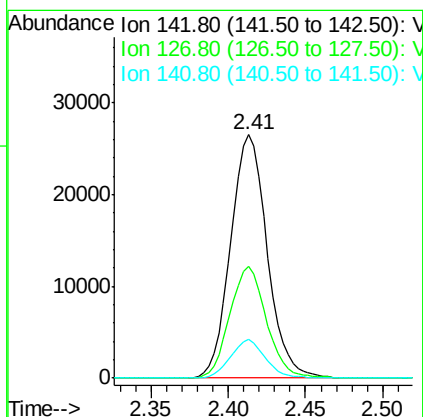
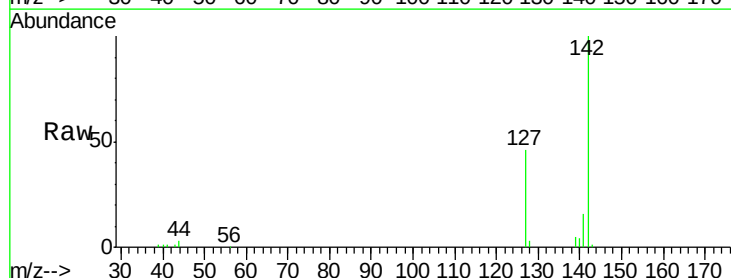
RT: 2.41 min Scan# 567

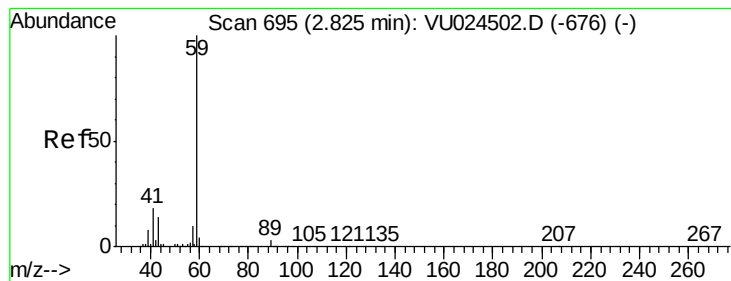
Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion:	142	Resp:	43496
Ion Ratio	Lower	Upper	
142	100		
127	46.0	35.6	53.4
141	15.0	11.7	17.5





#11

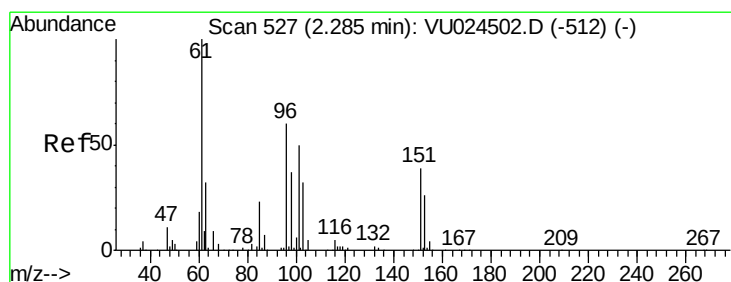
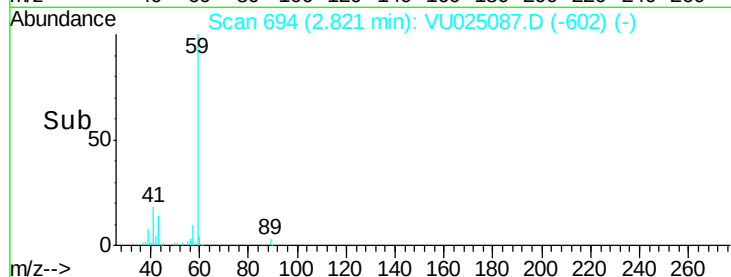
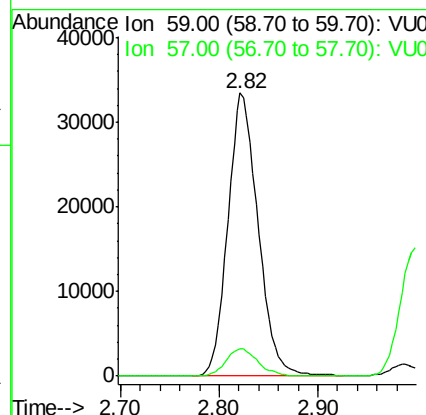
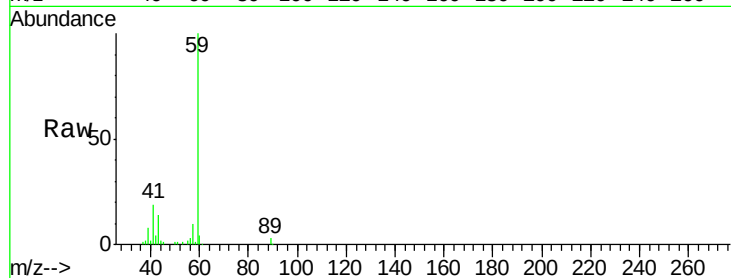
Tert butyl alcohol
 Concen: 104.16 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.2	8.5	12.7

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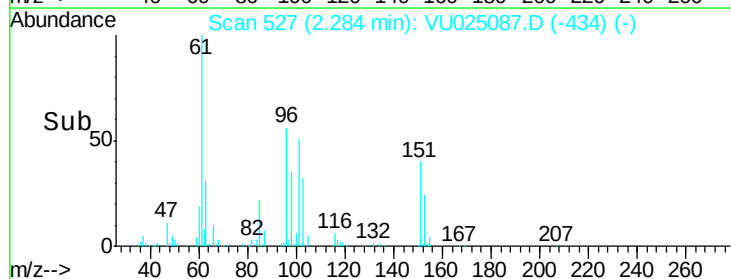
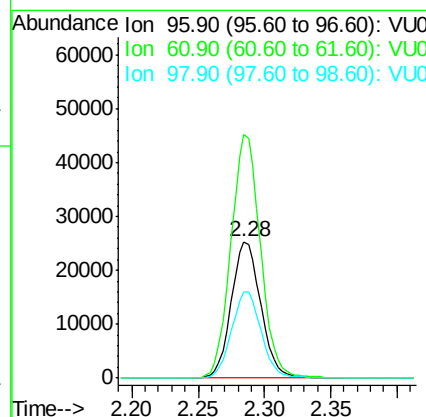
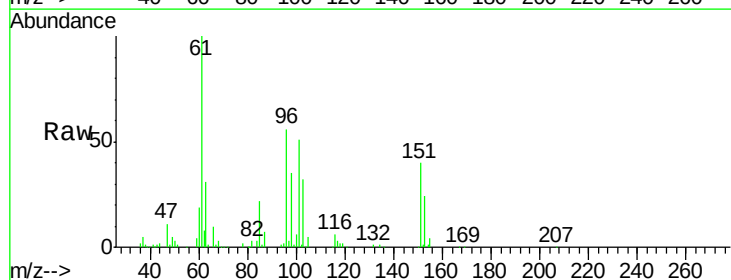
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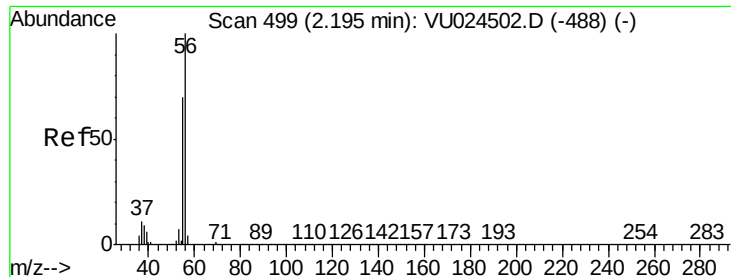


#12

1,1-Dichloroethene
 Concen: 19.93 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	178.6	141.7	212.5
98	98	63.0	51.6	77.4





#13

Acrolein

Concen: 40.77 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 56 Resp: 14725

Ion Ratio Lower Upper

56 100

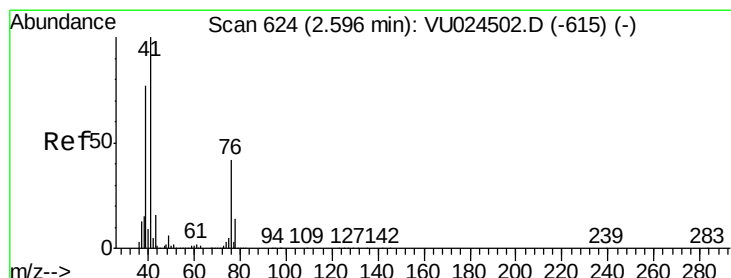
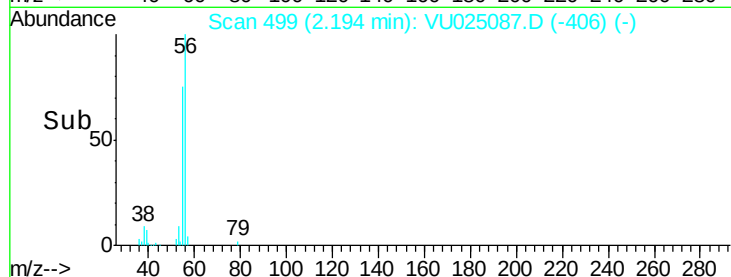
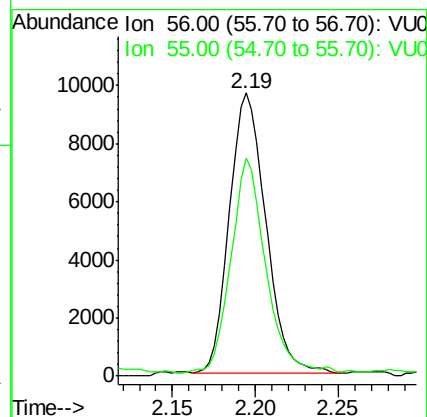
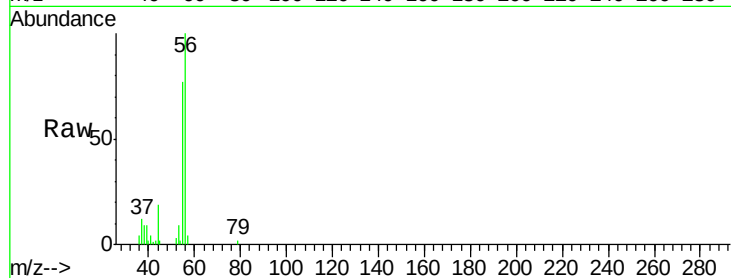
55 72.5 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.73 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

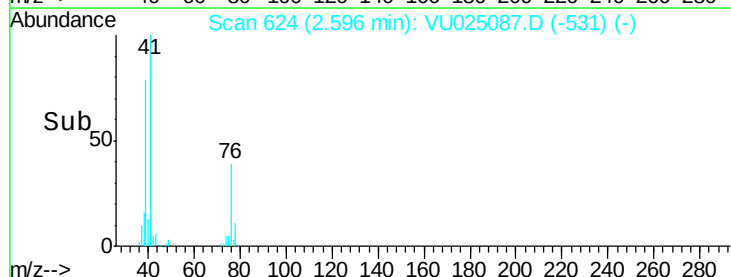
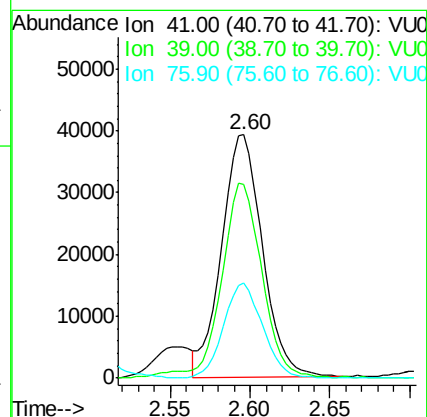
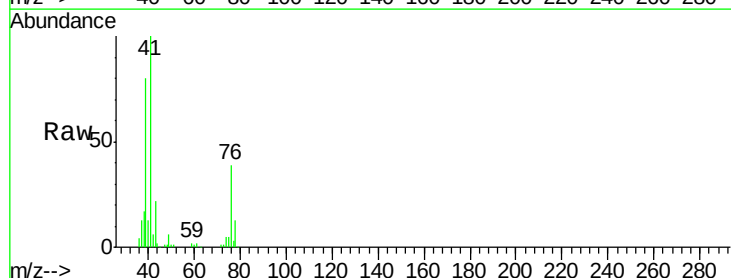
Tgt Ion: 41 Resp: 68586

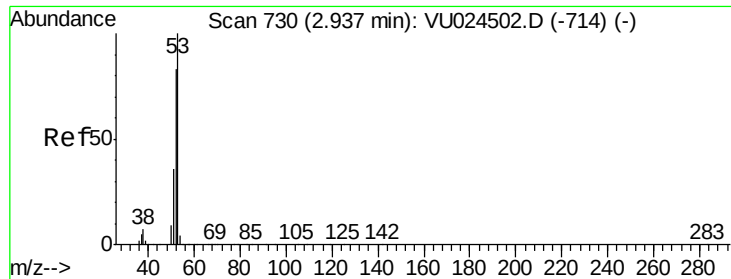
Ion Ratio Lower Upper

41 100

39 80.1 61.6 92.4

76 37.5 29.7 44.5





#15

Acrylonitrile

Concen: 102.56 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

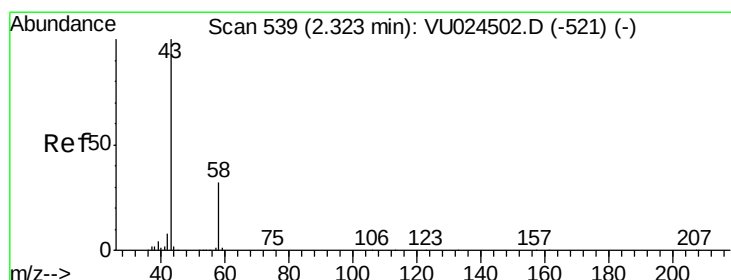
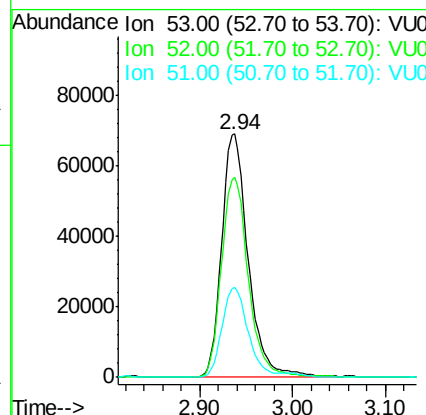
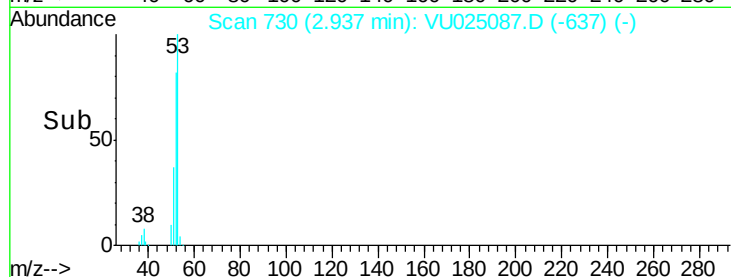
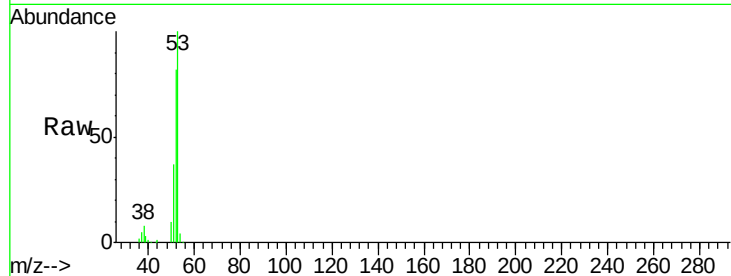
ClientSampleId :

VU0630WBSD01

Tot Ion:	53	Resp:	137251
Ion Ratio	Lower	Upper	
53	100		
52	82.8	67.1	100.7
51	36.5	28.4	42.6

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#16

Acetone

Concen: 100.27 ug/l

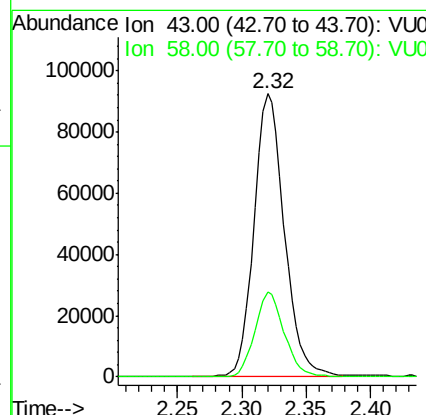
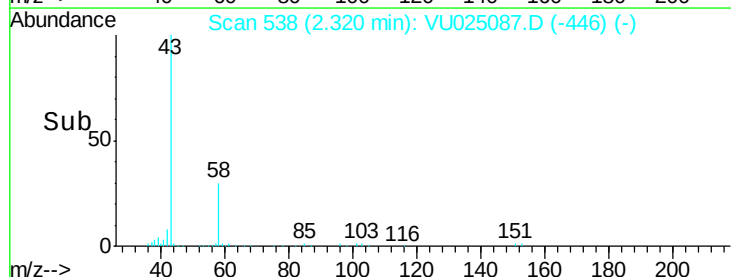
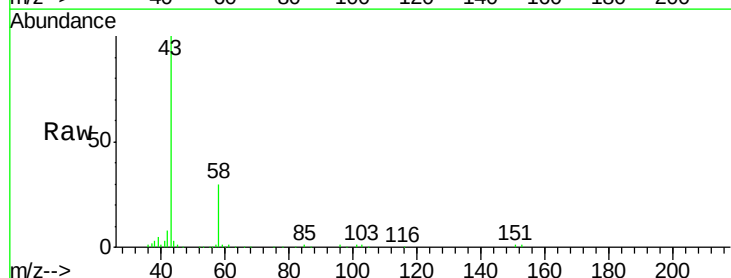
RT: 2.32 min Scan# 538

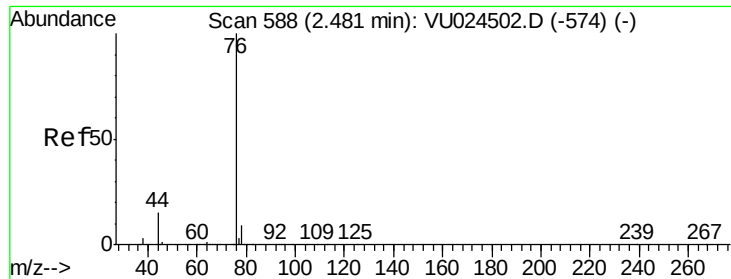
Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion:	43	Resp:	152368
Ion Ratio	Lower	Upper	
43	100		
58	30.0	24.4	36.6





#17

Carbon Disulfide

Concen: 17.49 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 76 Resp: 110472

Ion Ratio Lower Upper

76 100

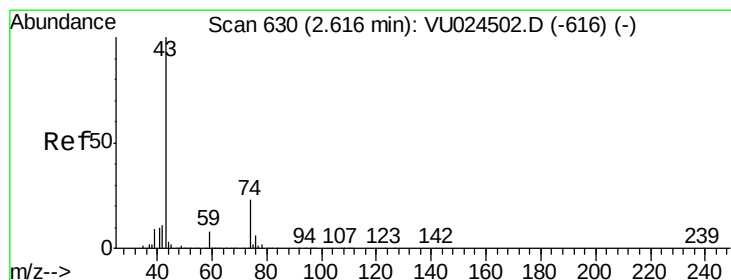
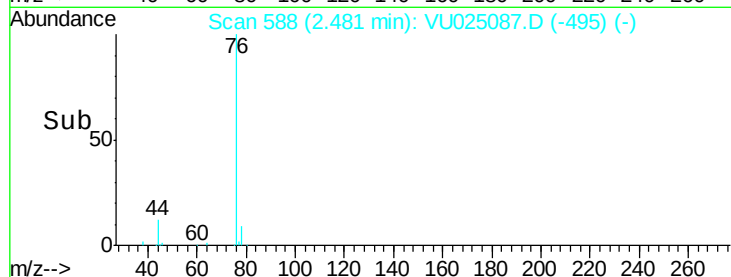
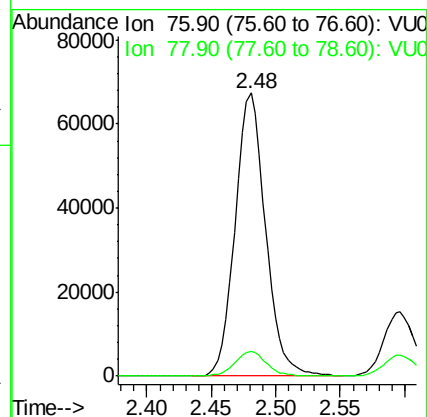
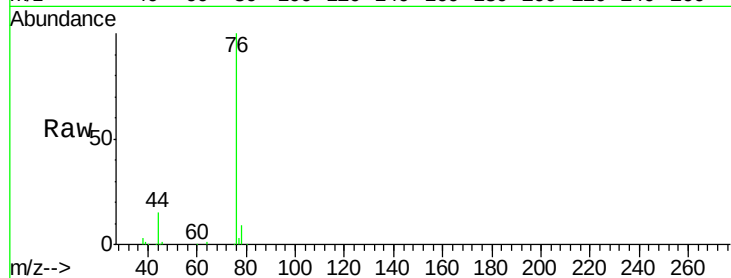
78 8.8 7.1 10.7

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#18

Methyl Acetate

Concen: 24.34 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025087.D

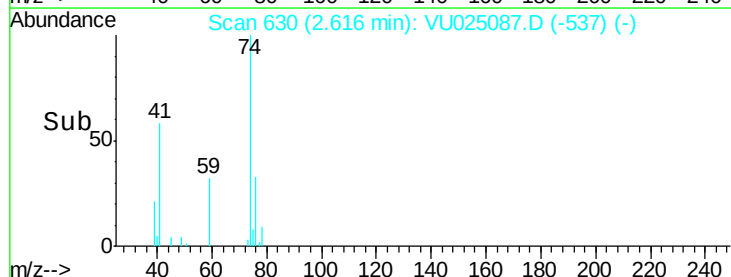
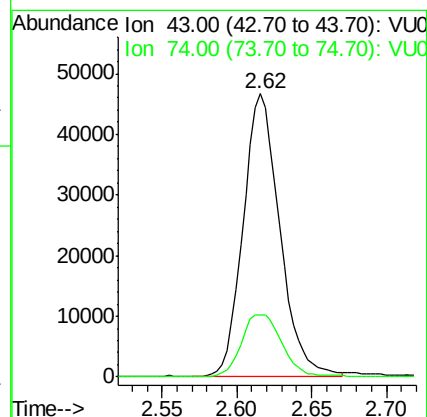
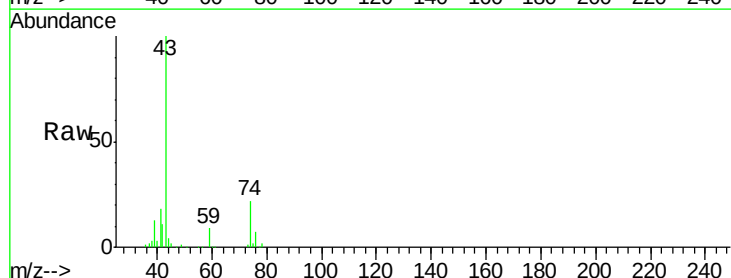
Acq: 30 Jun 2018 14:45

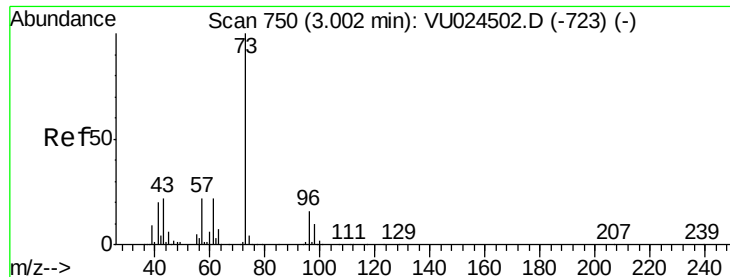
Tgt Ion: 43 Resp: 79279

Ion Ratio Lower Upper

43 100

74 24.5 18.0 27.0





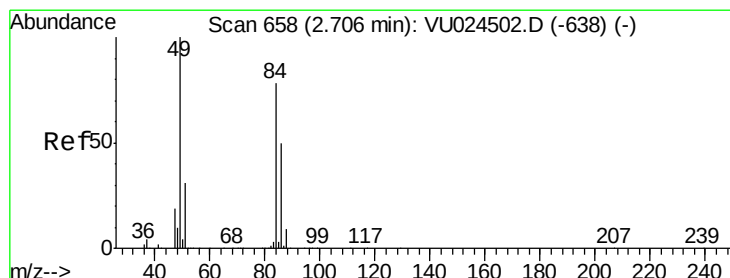
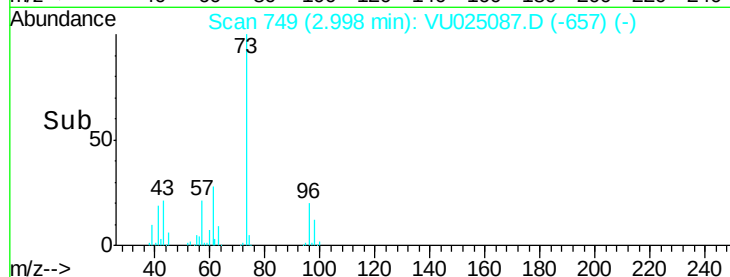
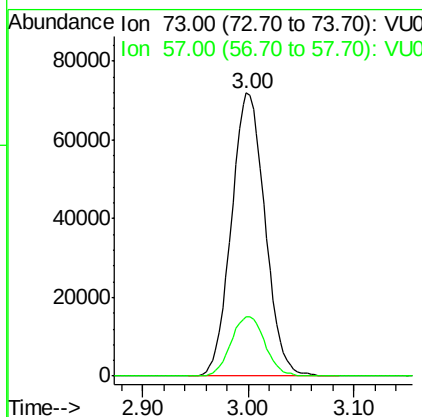
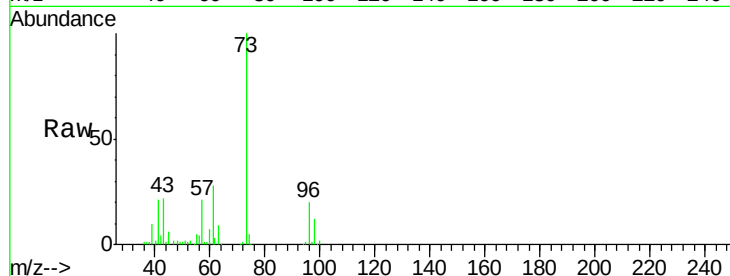
#19
Methyl tert-butyl Ether
Concen: 21.44 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	18.8	28.2

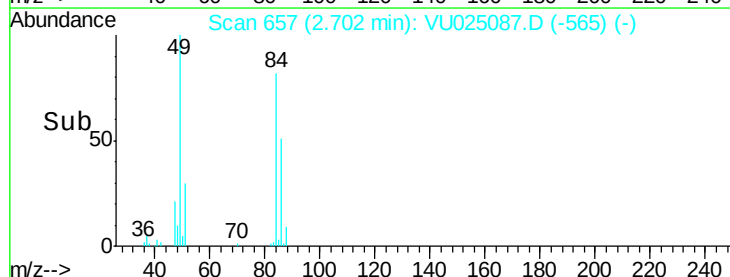
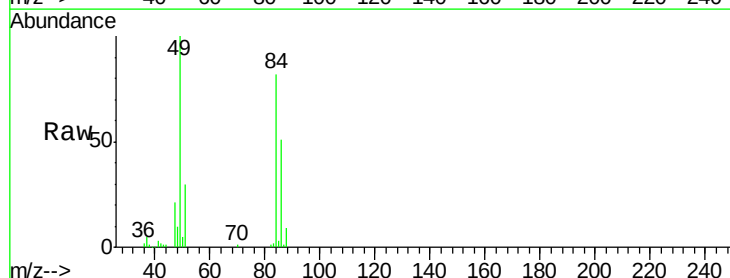
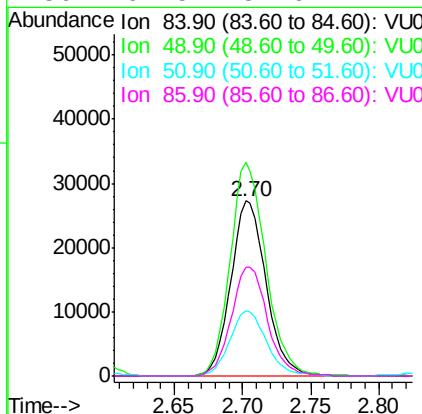
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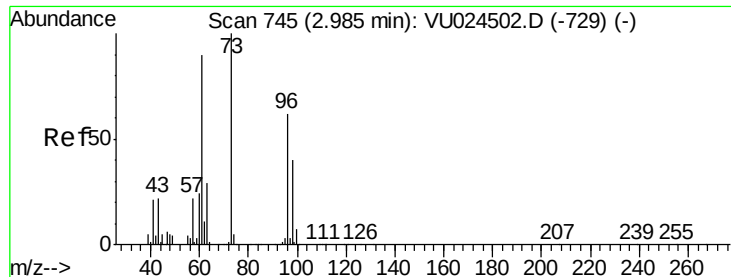
apatel
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#20
Methylene Chloride
Concen: 20.50 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	103.8	155.8
51	37.1	32.0	48.0
86	62.5	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.86 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

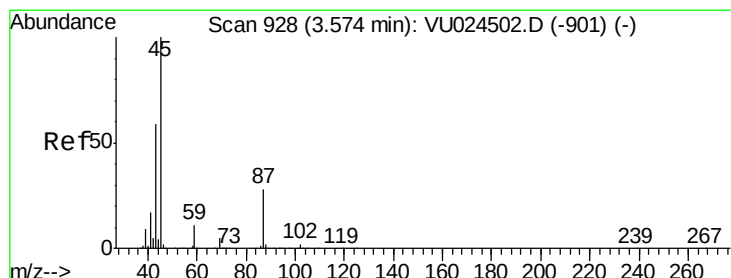
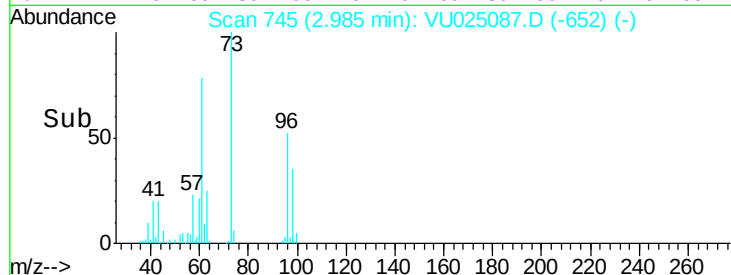
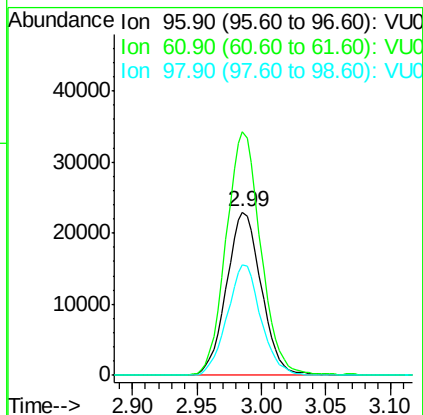
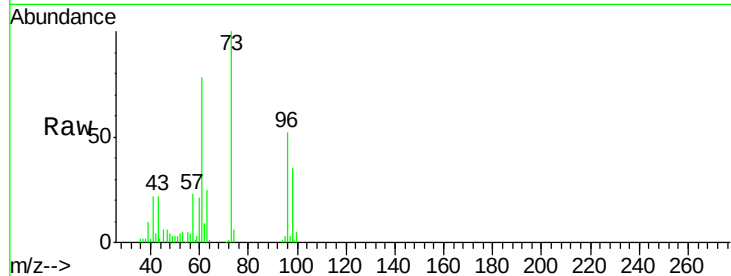
ClientSampleId :

VU0630WBSD01

Tot Ion:	96	Resp:	43138
Ion	Ratio	Lower	Upper
96	100		
61	148.9	119.4	179.0
98	67.3	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.90 ug/l

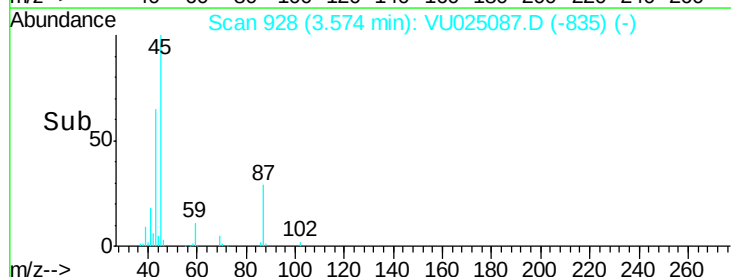
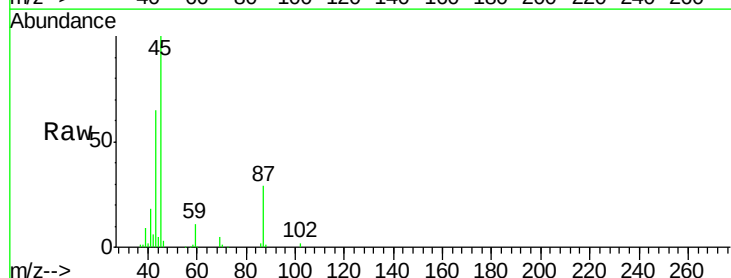
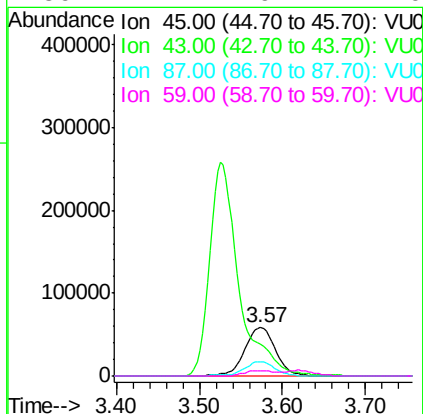
RT: 3.57 min Scan# 928

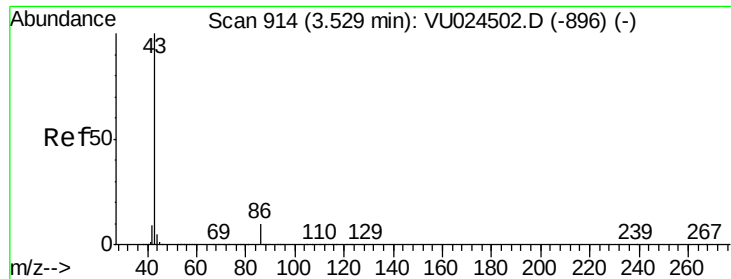
Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion:	45	Resp:	151745
Ion	Ratio	Lower	Upper
45	100		
43	63.6	45.8	68.6
87	29.4	20.6	31.0
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 97.90 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 43 Resp: 636704

Ion Ratio Lower Upper

43 100

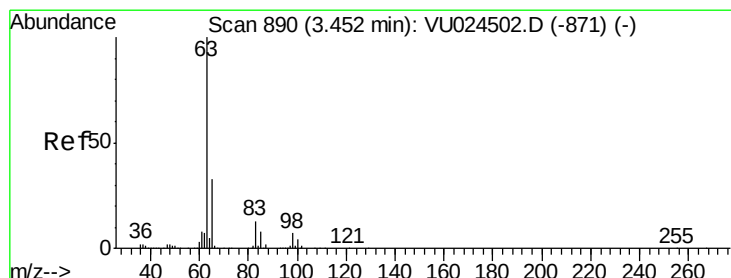
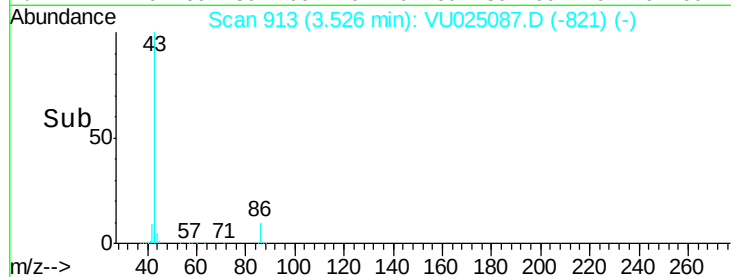
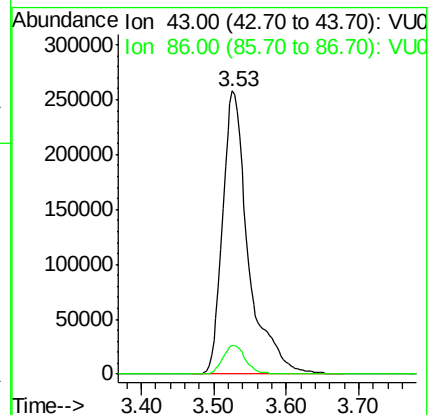
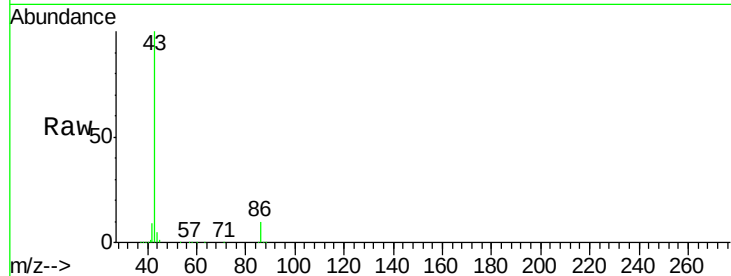
86 10.2 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 21.00 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

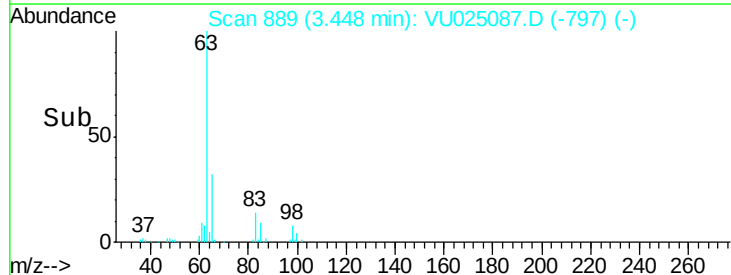
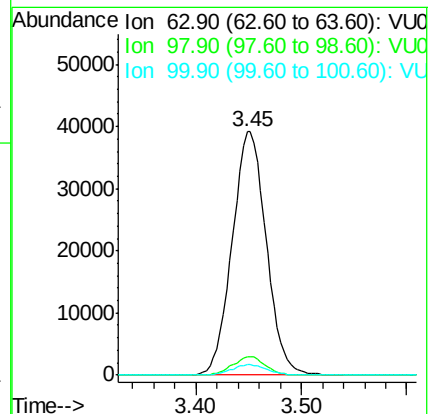
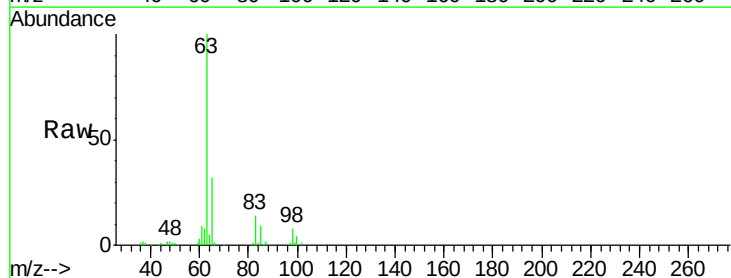
Tgt Ion: 63 Resp: 87696

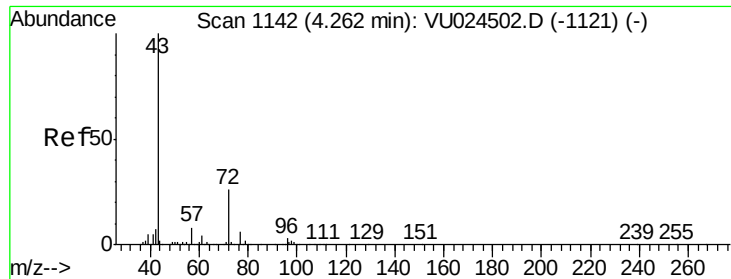
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.2 1.8 5.5





#25

2-Butanone

Concen: 101.34 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 43 Resp: 206843

Ion Ratio Lower Upper

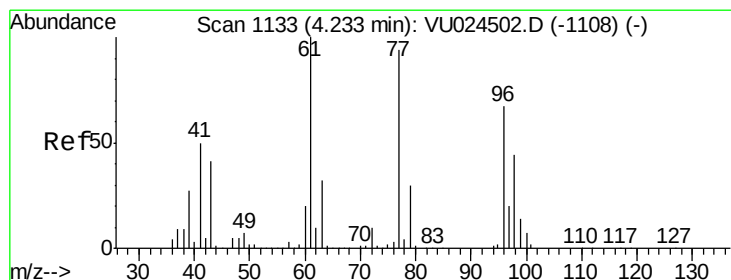
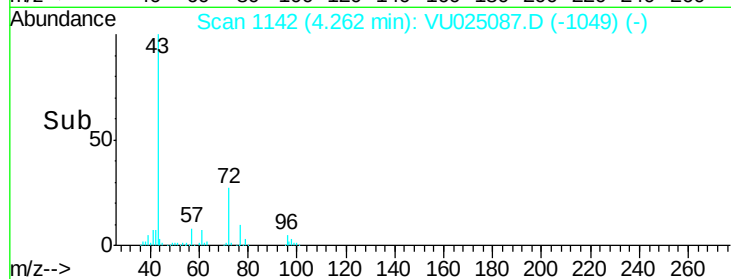
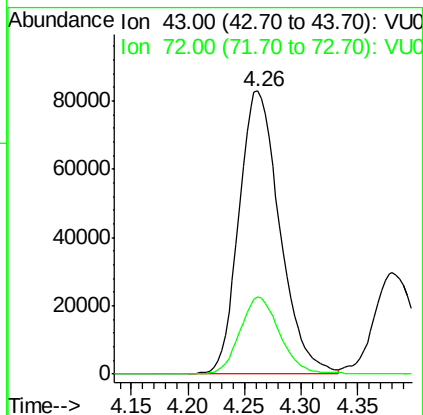
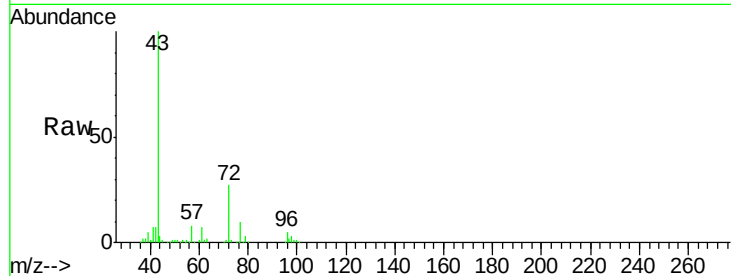
43 100

72 27.4 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 21.06 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025087.D

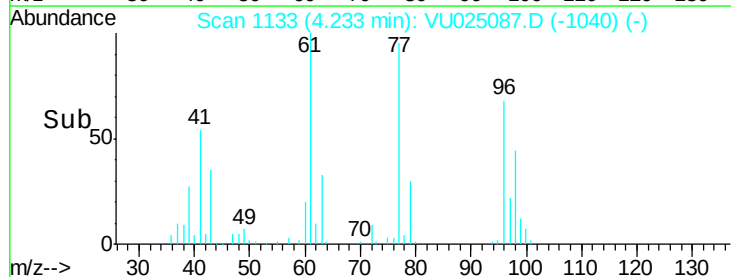
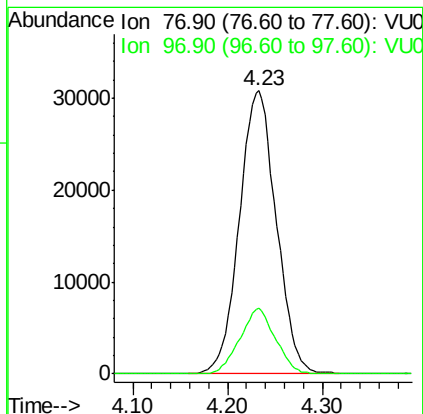
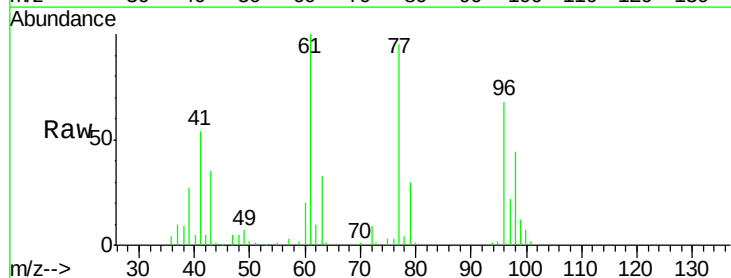
Acq: 30 Jun 2018 14:45

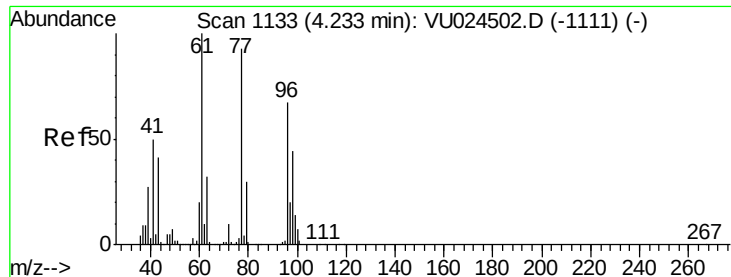
Tgt Ion: 77 Resp: 83512

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.08 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 96 Resp: 52656

Ion Ratio Lower Upper

96 100

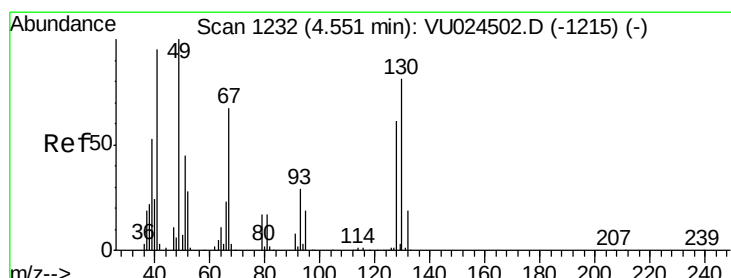
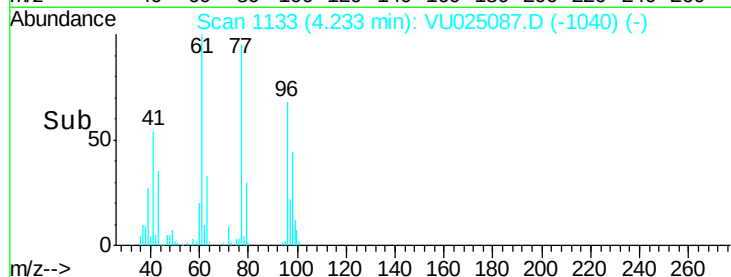
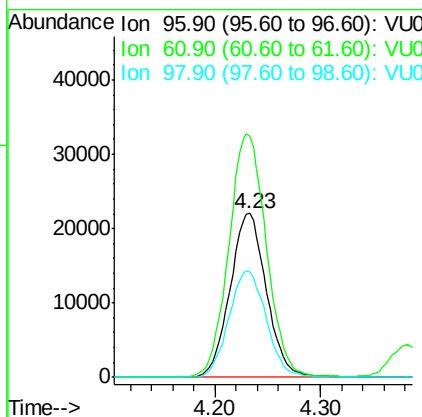
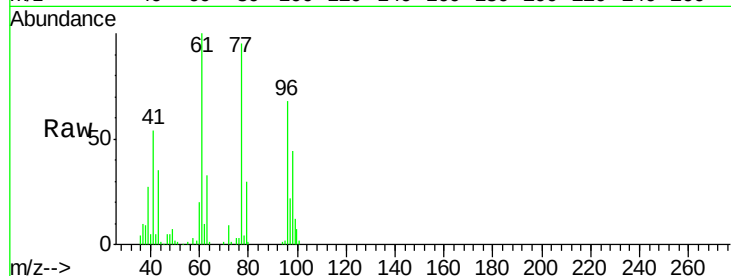
61 153.7 0.0 306.6

98 66.8 0.0 128.8

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#28

Bromochloromethane

Concen: 19.98 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

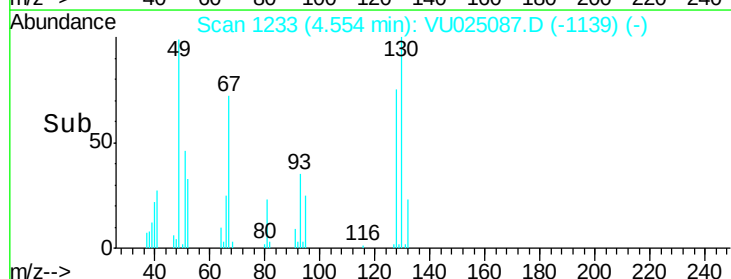
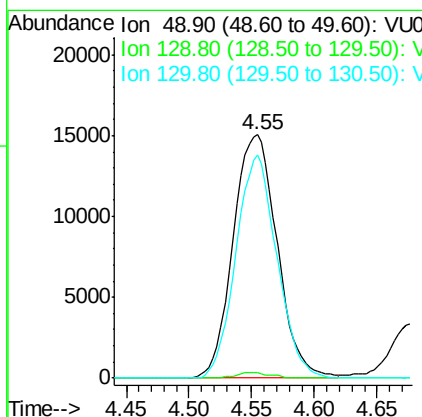
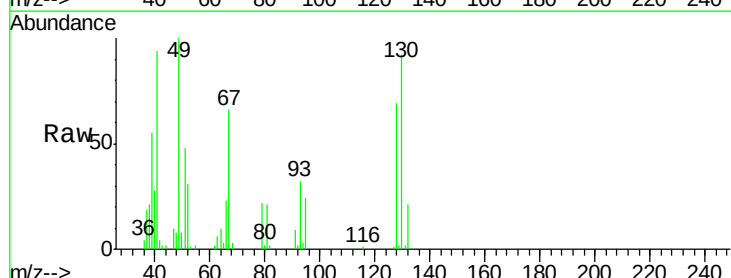
Tgt Ion: 49 Resp: 36756

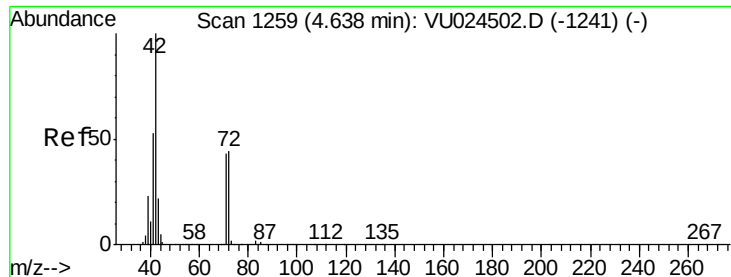
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 85.3 57.8 86.6





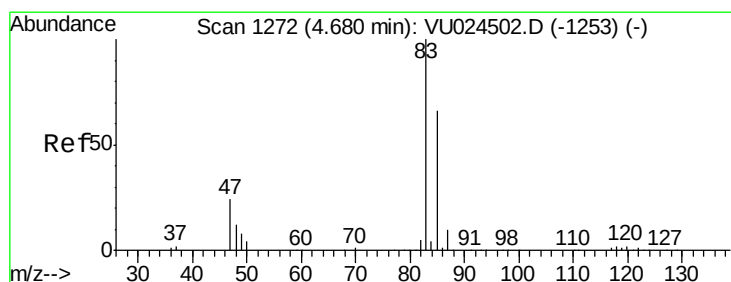
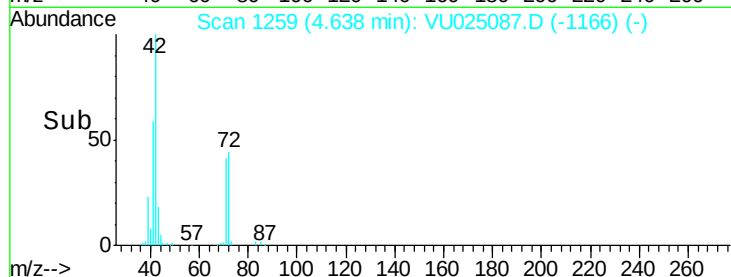
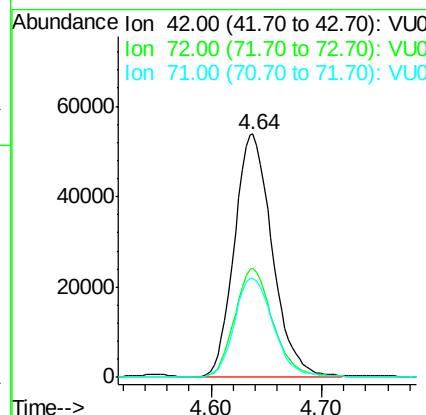
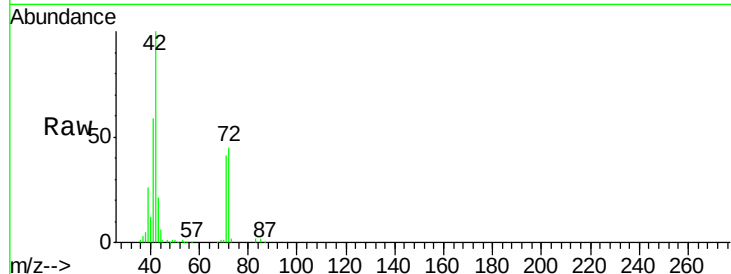
#29
Tetrahydrofuran
Concen: 101.68 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampled :
VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	34.5	51.7
71	41.9	32.2	48.4

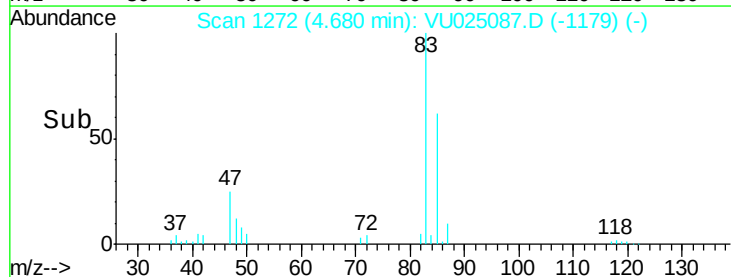
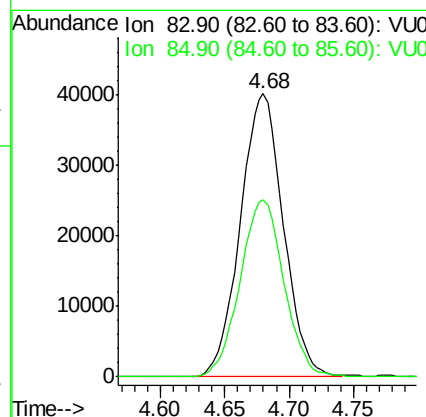
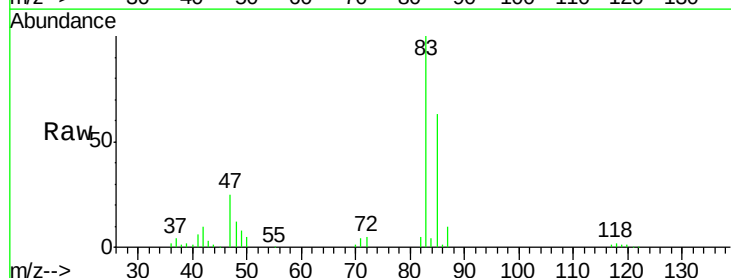
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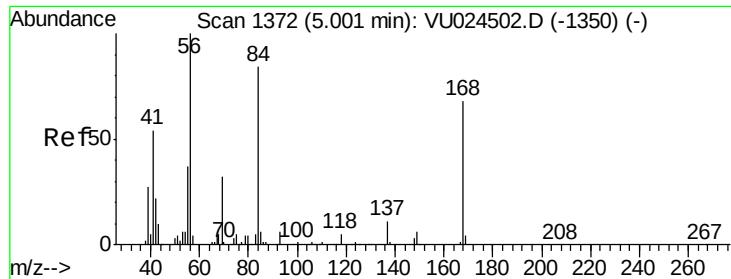
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#30
Chloroform
Concen: 22.03 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.4	78.6





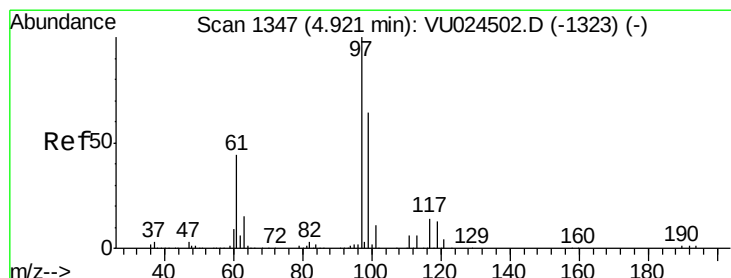
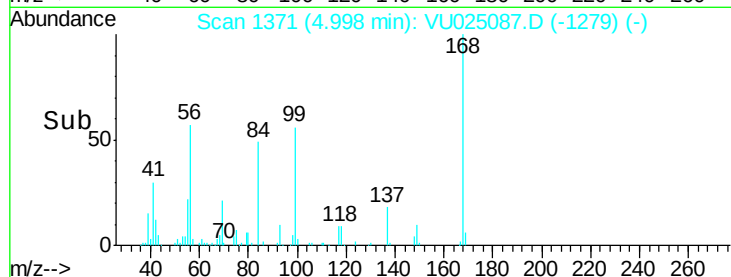
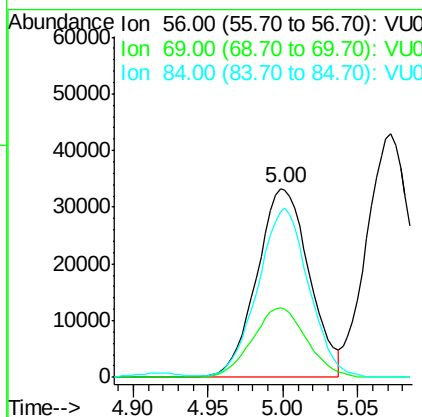
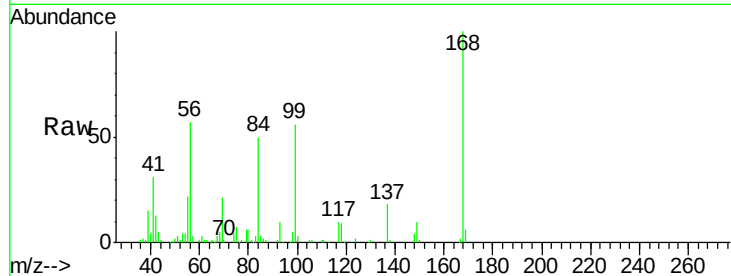
#31
Cyclohexane
Concen: 20.68 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.5	24.8	37.2
84	86.5	65.2	97.8

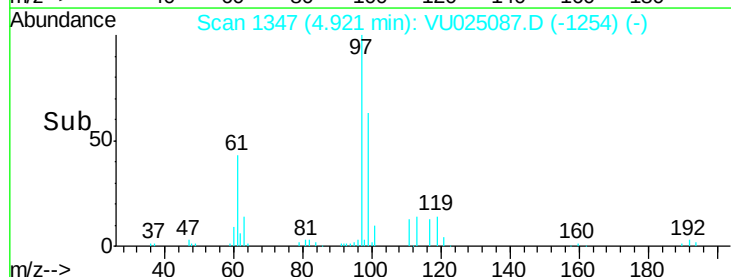
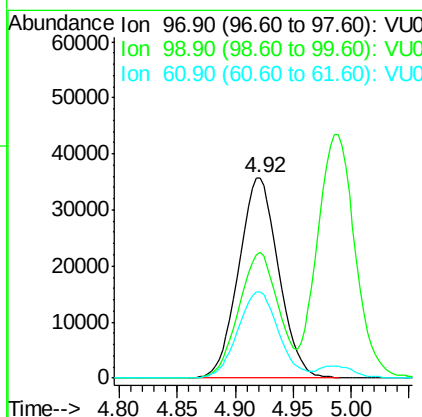
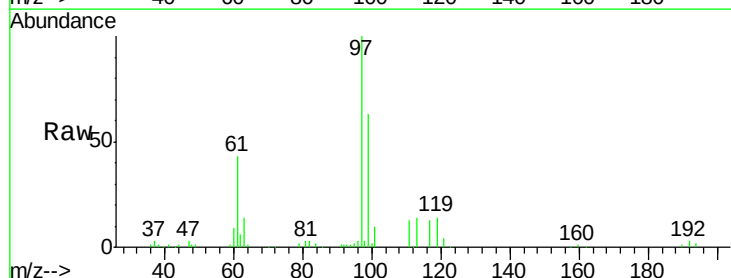
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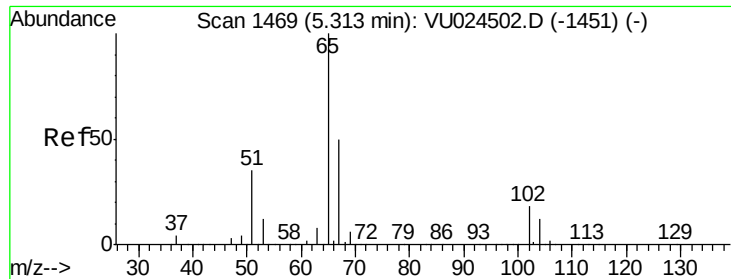
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#32
1,1,1-Trichloroethane
Concen: 21.93 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.6
61	44.1	39.4	59.0





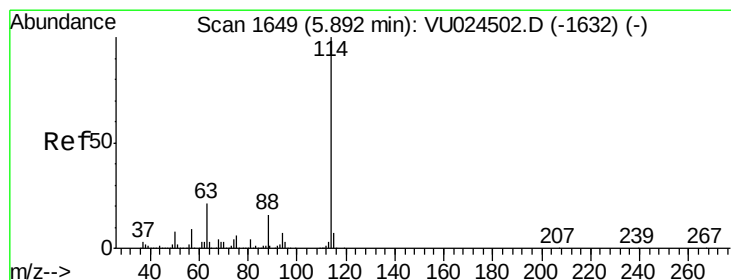
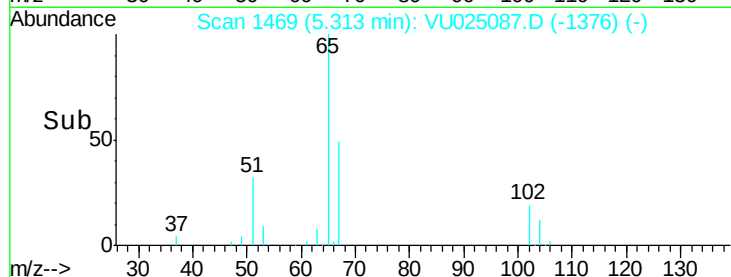
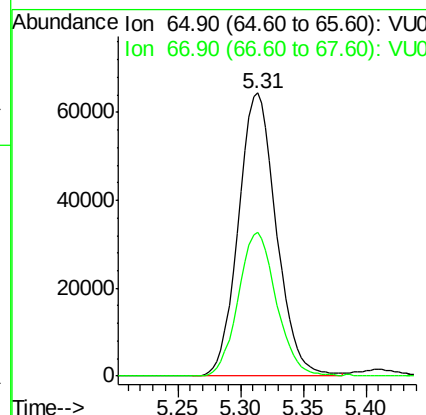
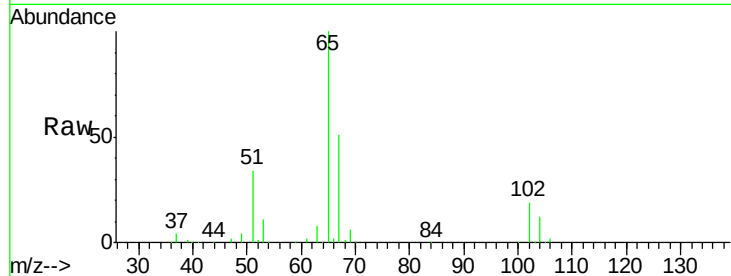
#33
 1,2-Dichloroethane-d4
 Concen: 47.90 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	107.0

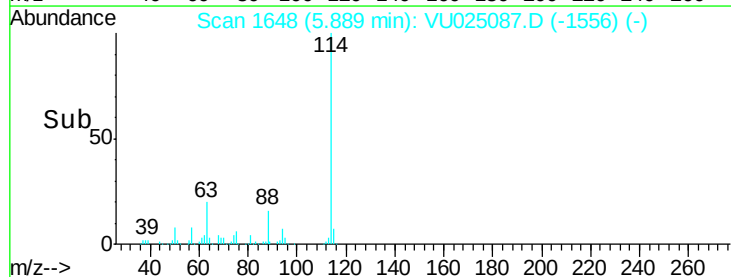
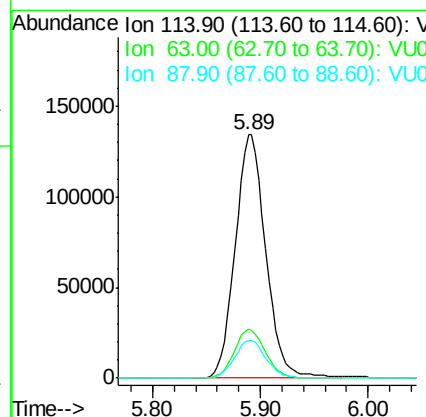
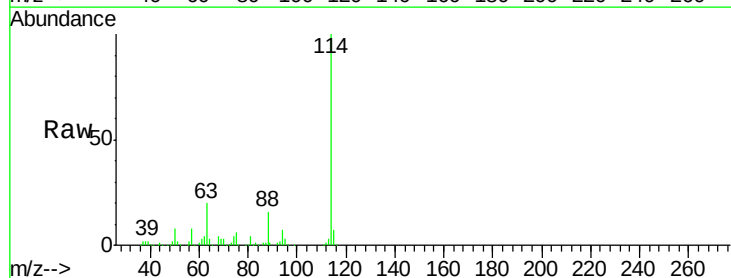
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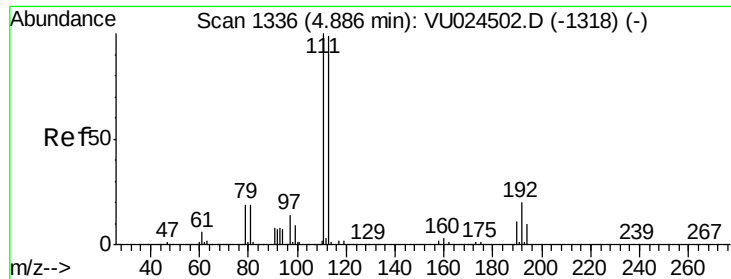
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	45.4
88	15.6	0.0	31.0





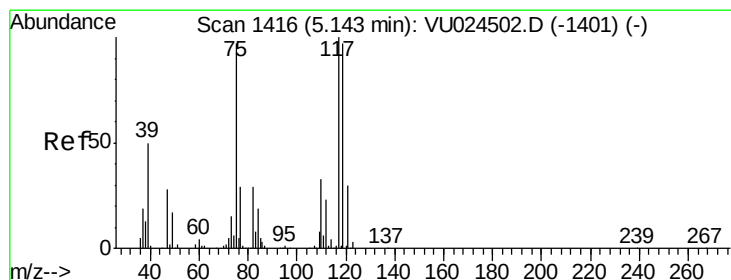
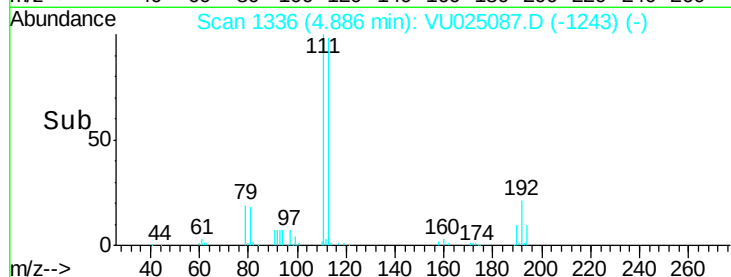
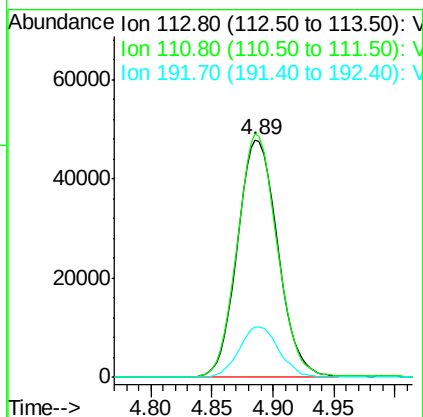
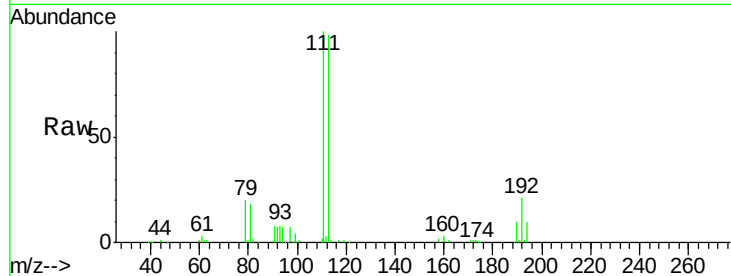
#35
 Dibromofluoromethane
 Concen: 49.98 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109882		
111	101.0	82.2	123.4	
192	21.0	16.2	24.4	

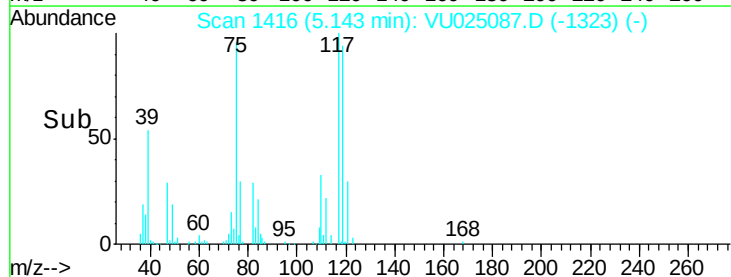
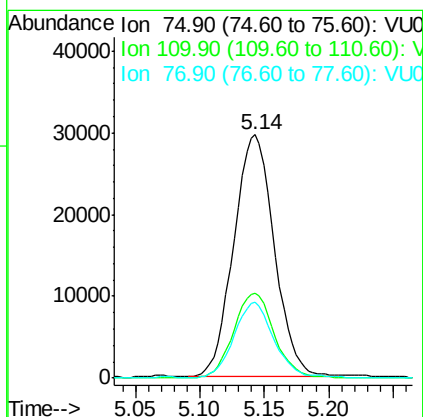
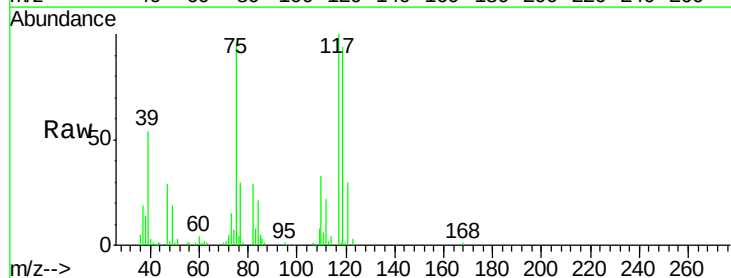
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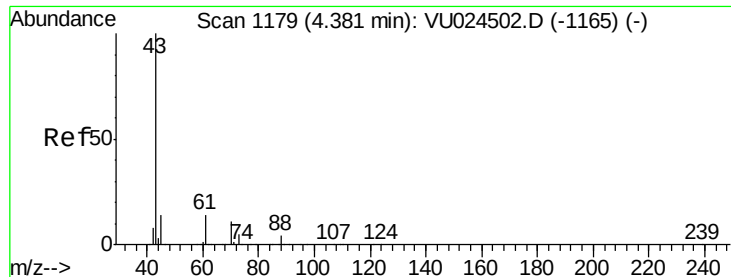
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#36
 1,1-Dichloropropene
 Concen: 20.87 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	64966		
110	35.2	17.0	50.9	
77	31.1	24.2	36.4	





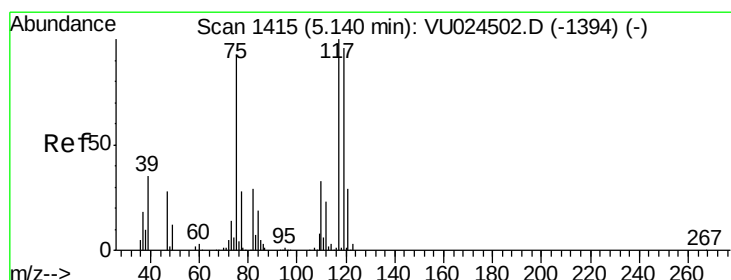
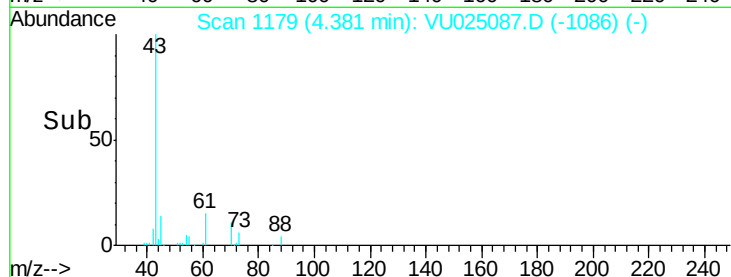
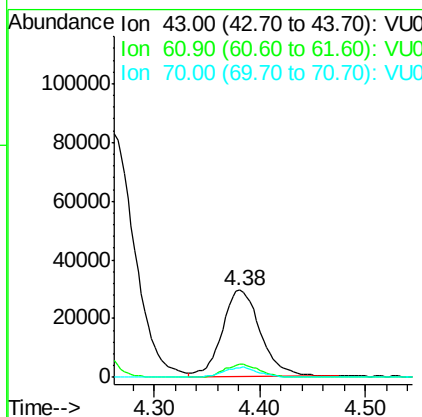
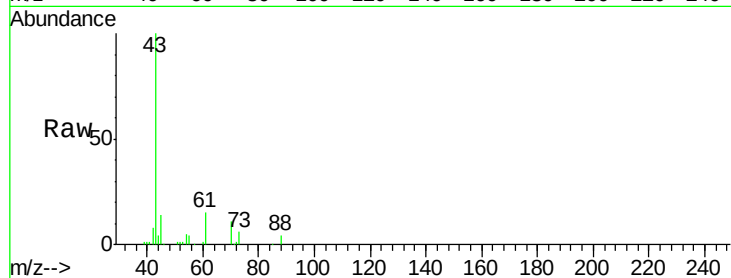
#37
Ethyl Acetate
Concen: 21.62 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.5	15.7
70	10.9	7.4	11.2

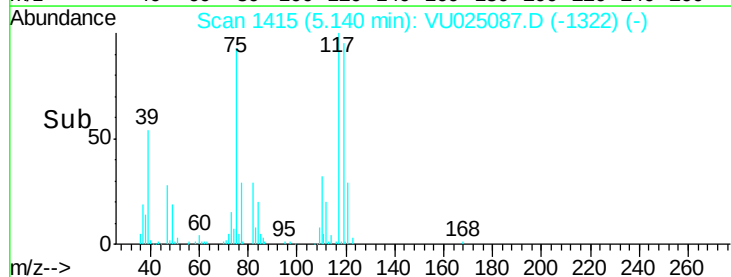
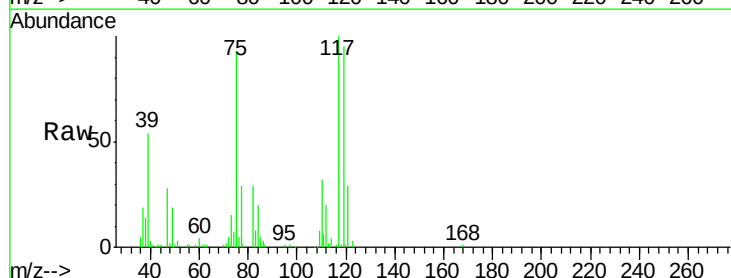
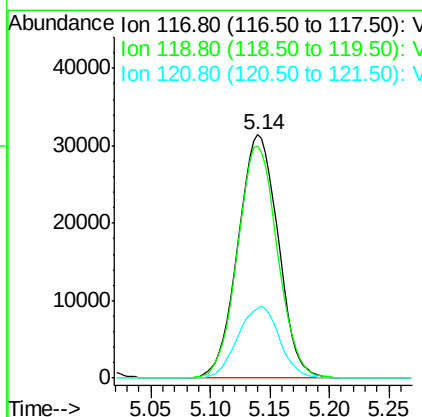
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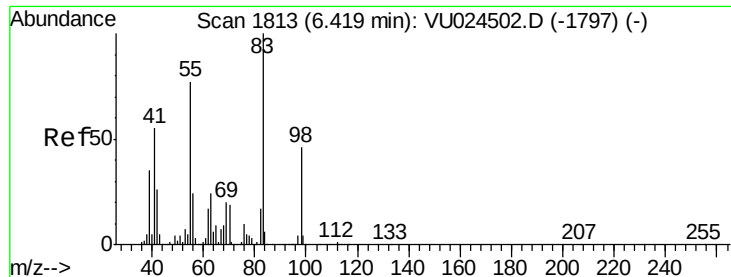
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#38
Carbon Tetrachloride
Concen: 21.48 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
121	28.6	23.7	35.5





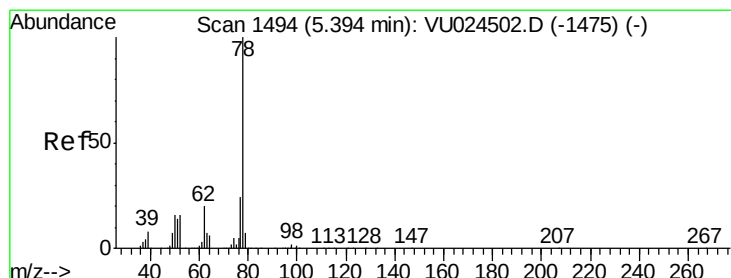
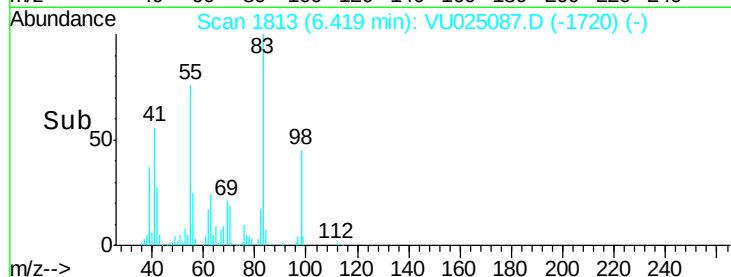
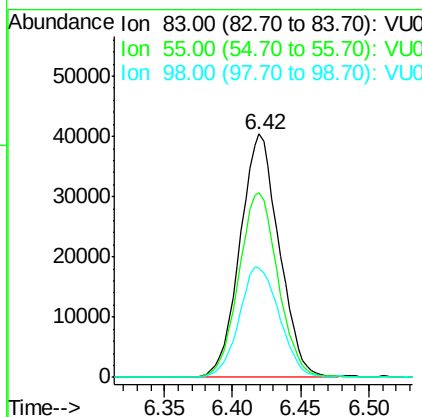
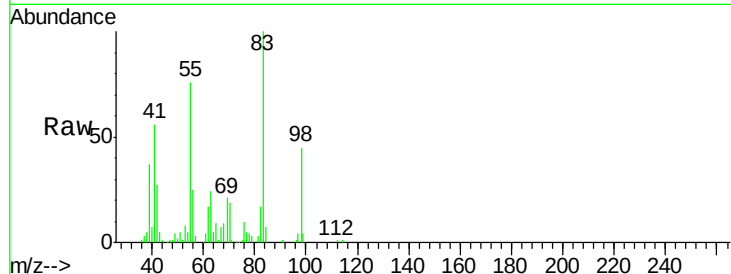
#39
Methylvlcyclohexane
Concen: 20.67 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	65.8	98.6
98	44.8	36.7	55.1

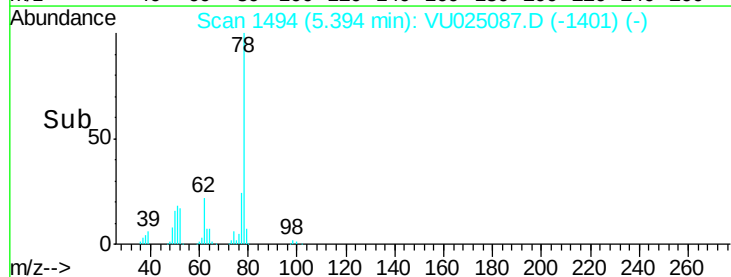
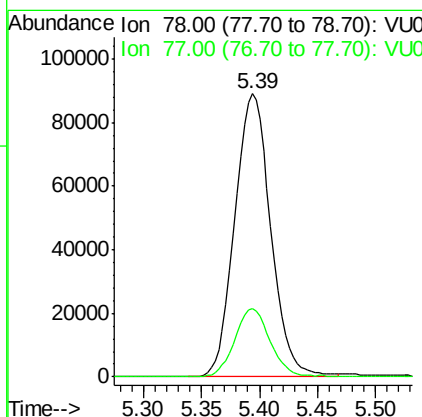
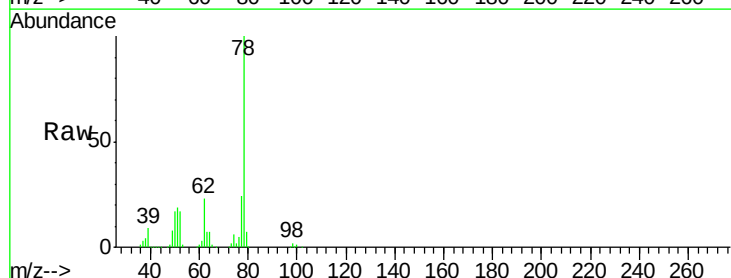
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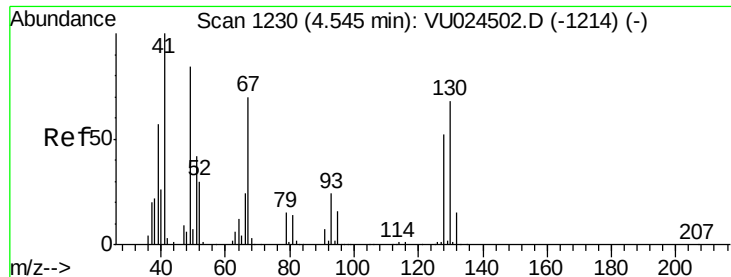
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#40
Benzene
Concen: 21.63 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





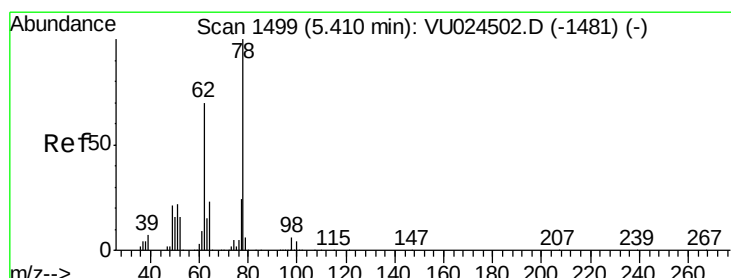
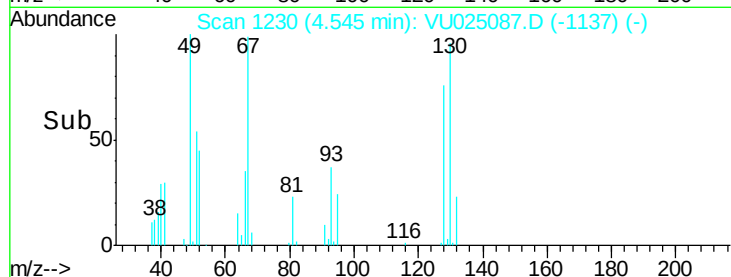
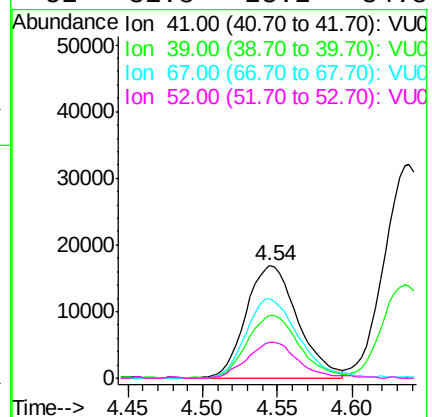
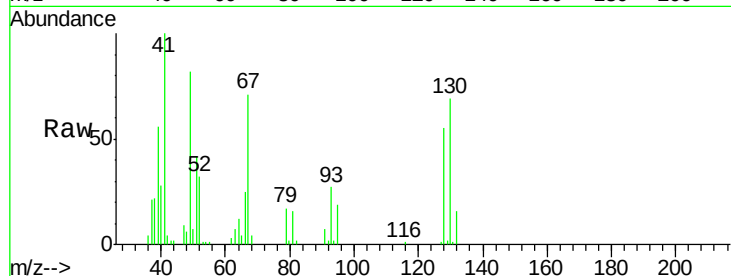
#41
Methacrylonitrile
Concen: 22.33 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	43.8	65.6	
67	71.5	56.3	84.5	
52	31.8	23.2	34.8	

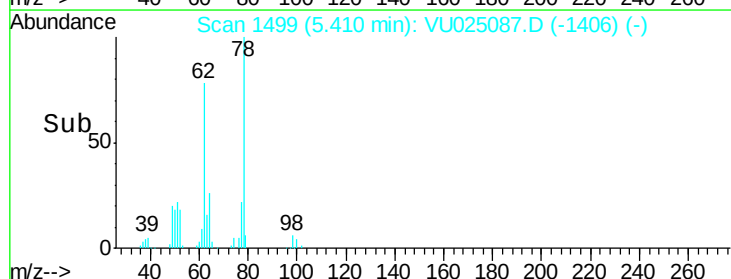
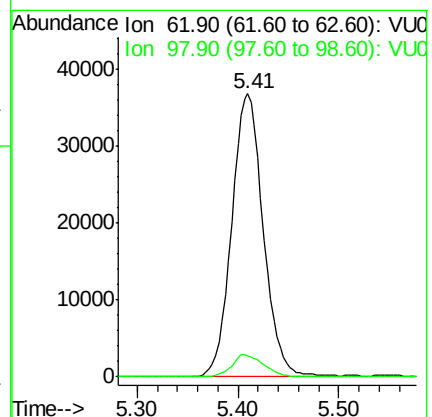
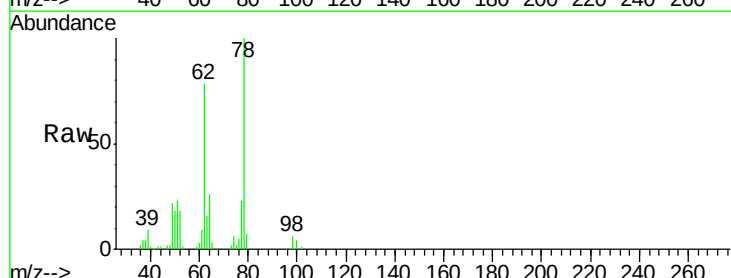
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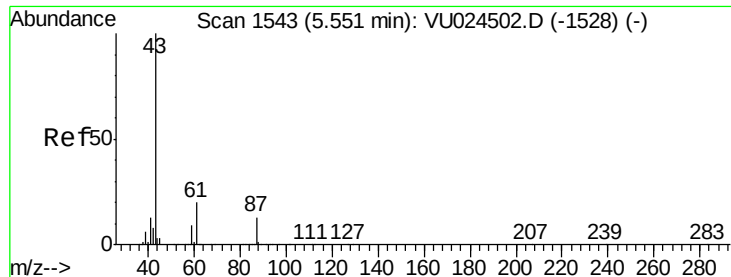
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#42
1,2-Dichloroethane
Concen: 23.71 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

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





#43

Isopropyl Acetate

Concen: 20.45 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

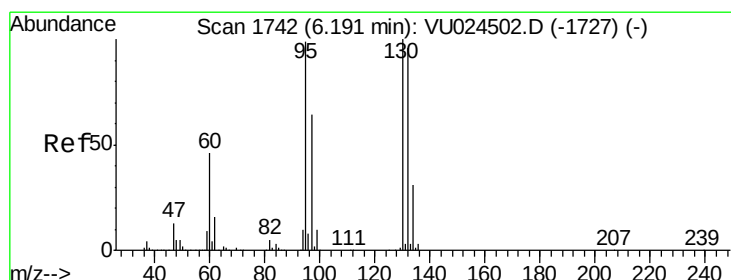
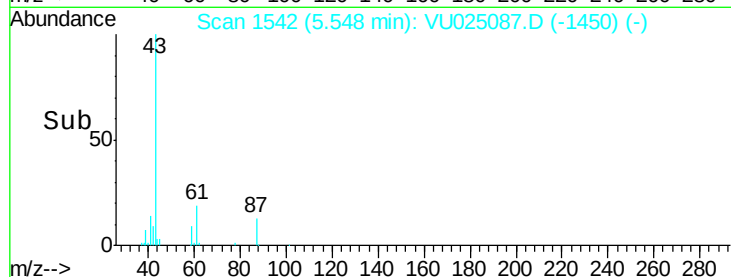
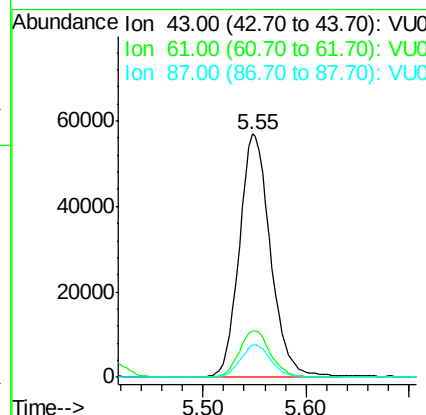
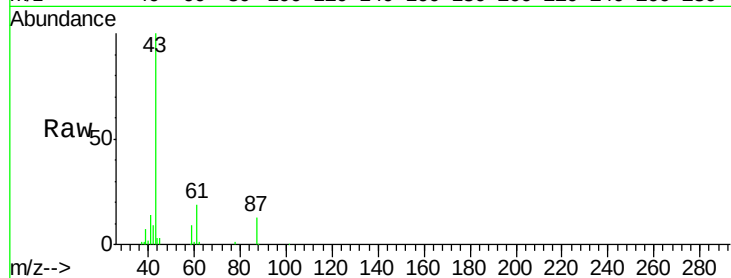
ClientSampleId :

VU0630WBSD01

Tot Ion:	43	Resp:	119959
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	13.1	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 20.95 ug/l

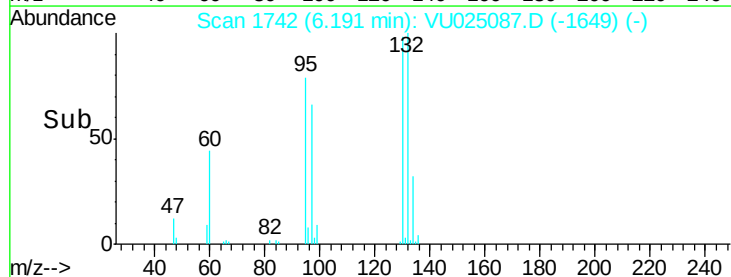
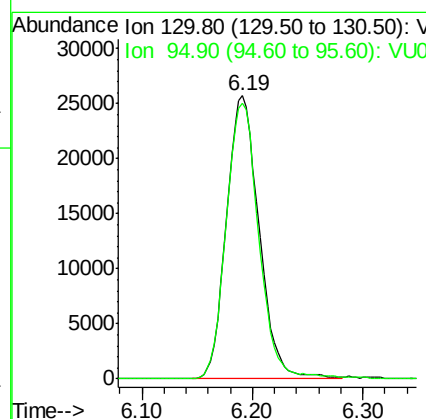
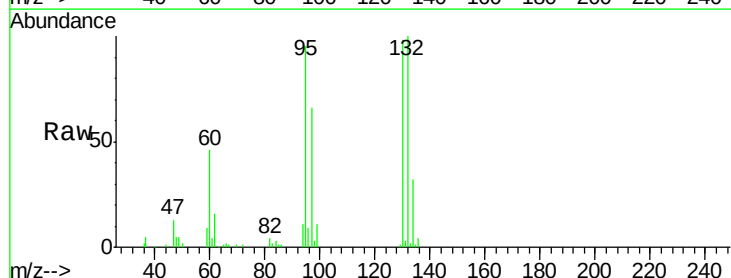
RT: 6.19 min Scan# 1742

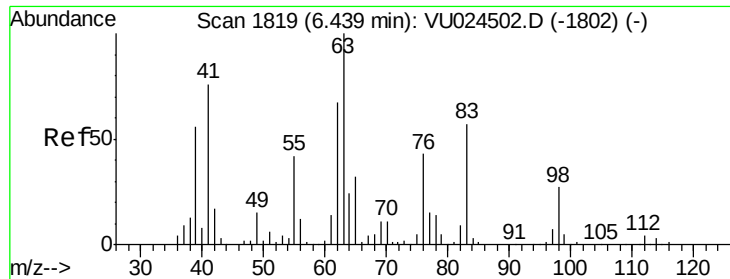
Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion:	130	Resp:	52894
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	202.4





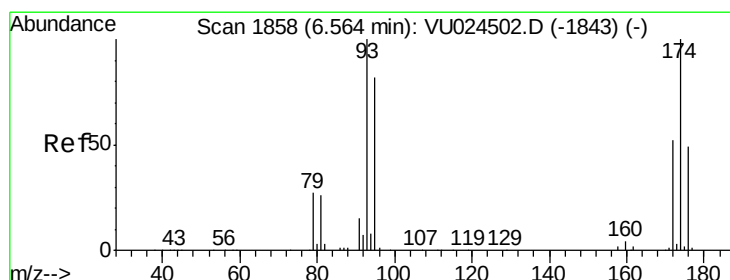
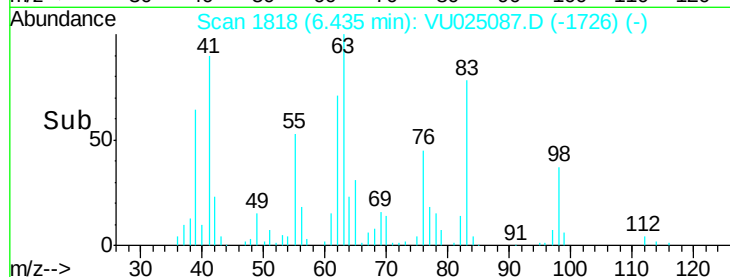
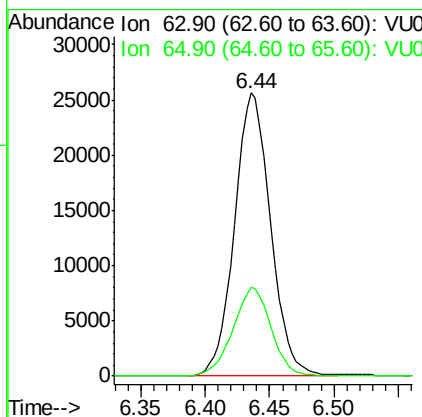
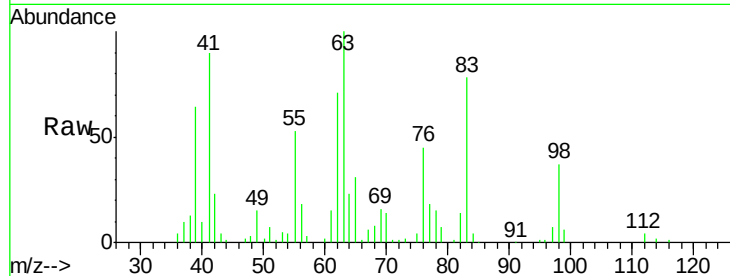
#45
 1,2-Dichloropropane
 Concen: 21.11 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion: 63 Resp: 49965
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2

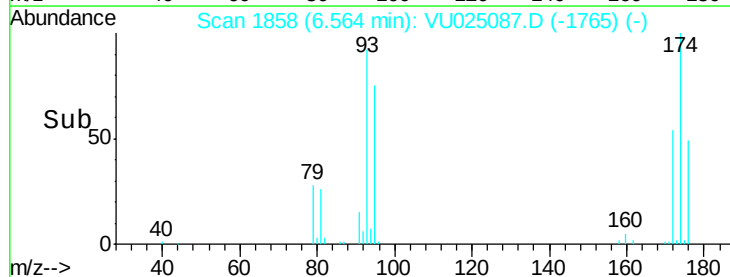
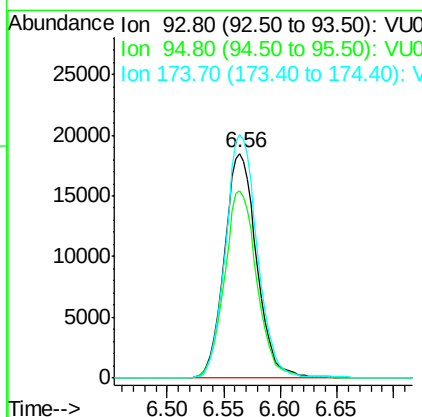
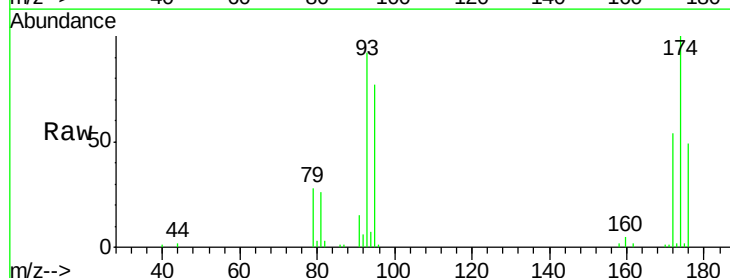
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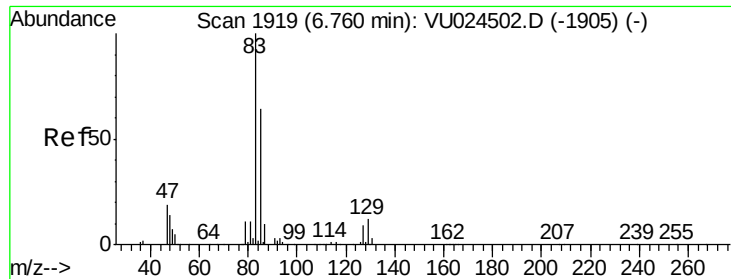
apatel
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#46
 Dibromomethane
 Concen: 22.10 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 93 Resp: 36749
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.5 98.3
 174 106.8 78.7 118.1





#47

Bromodichloromethane

Concen: 21.04 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

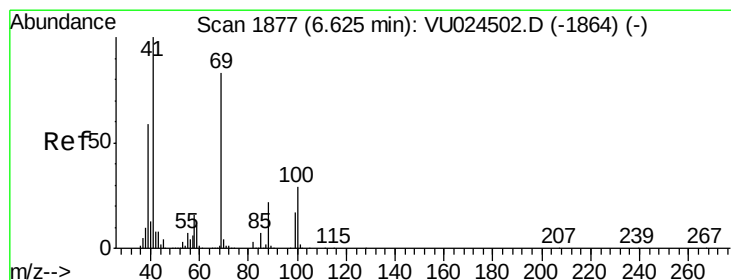
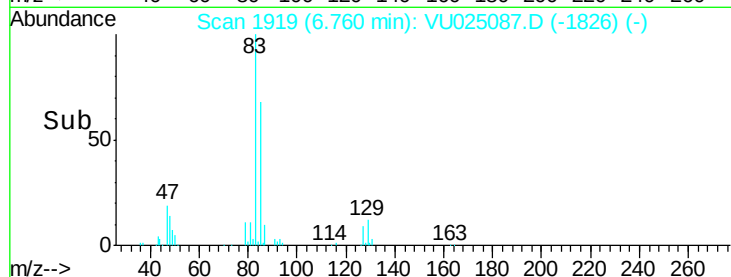
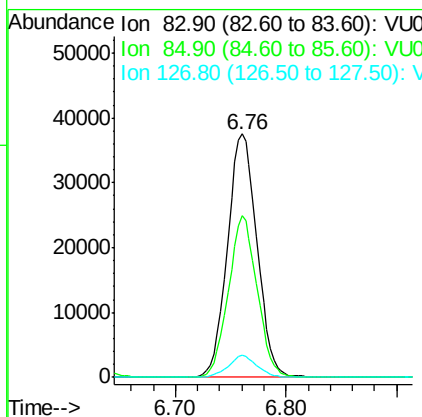
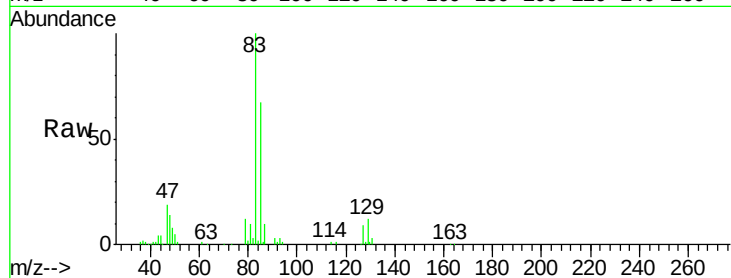
ClientSampleId :

VU0630WBSD01

Tot Ion:	83	Resp:	69637
Ion Ratio	Lower	Upper	
83	100		
85	66.5	51.9	77.9
127	9.0	6.6	9.8

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#48

Methyl methacrylate

Concen: 21.39 ug/l

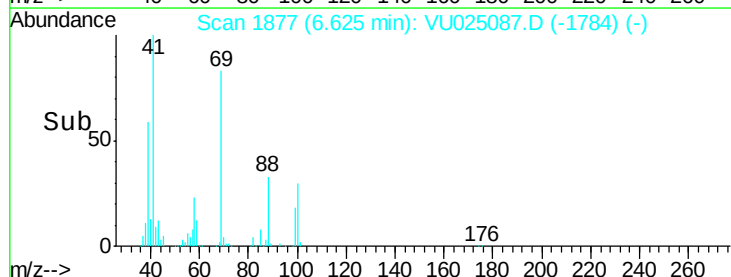
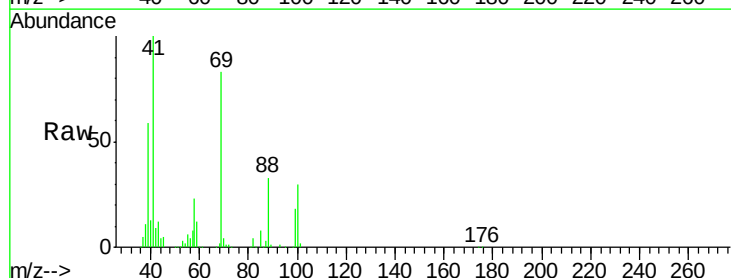
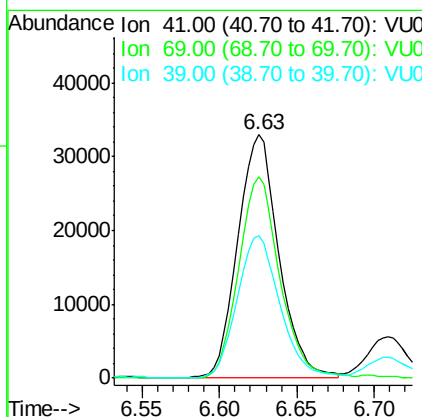
RT: 6.63 min Scan# 1877

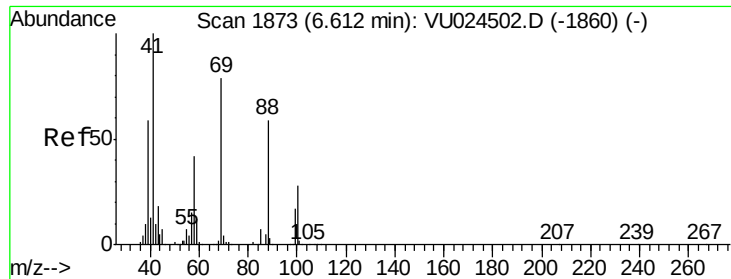
Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion:	41	Resp:	61096
Ion Ratio	Lower	Upper	
41	100		
69	82.3	67.3	100.9
39	60.8	46.5	69.7





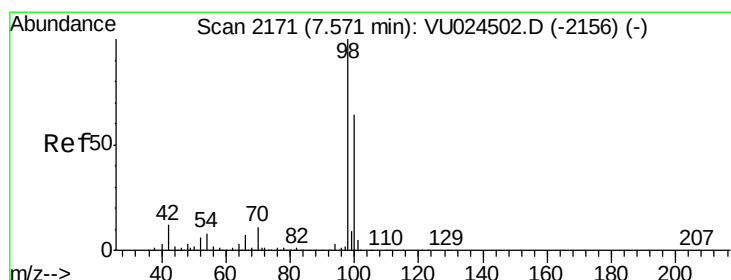
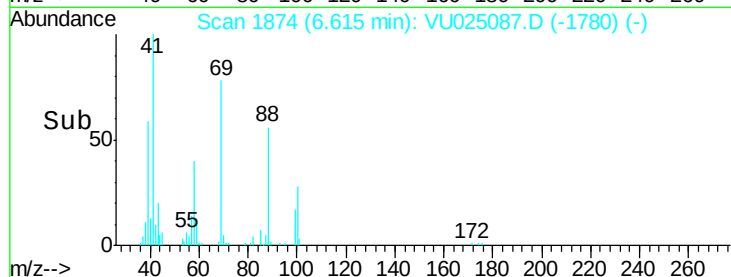
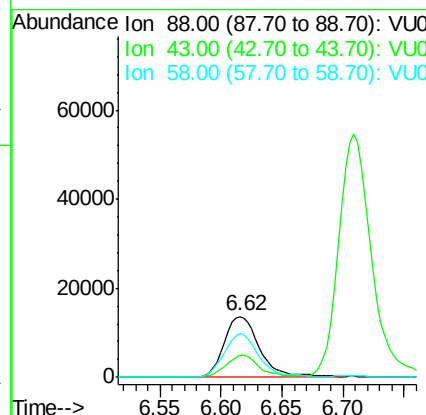
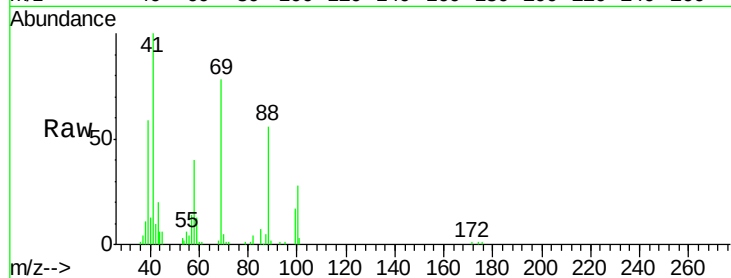
#49
1,4-Dioxane
Concen: 501.09 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampled :
VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	28.6	42.8
58	67.7	58.2	87.4

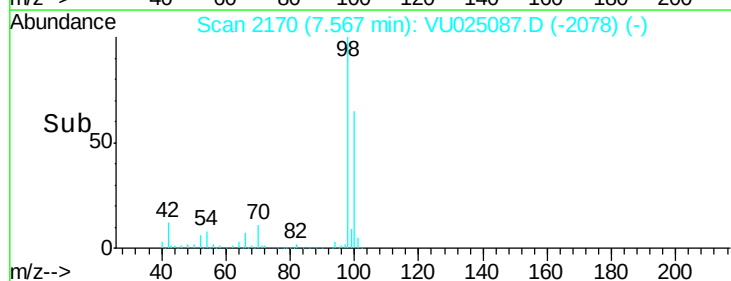
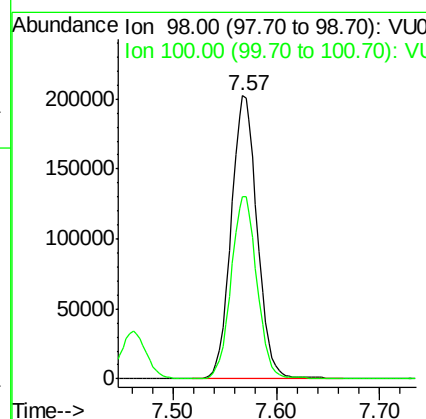
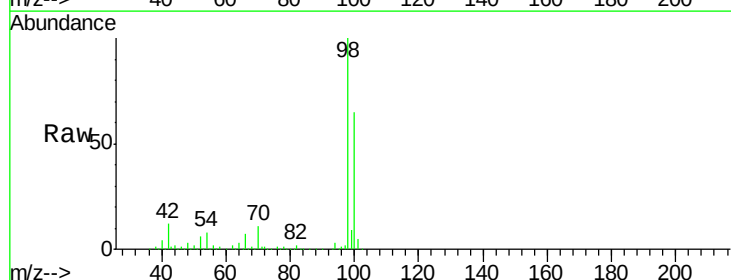
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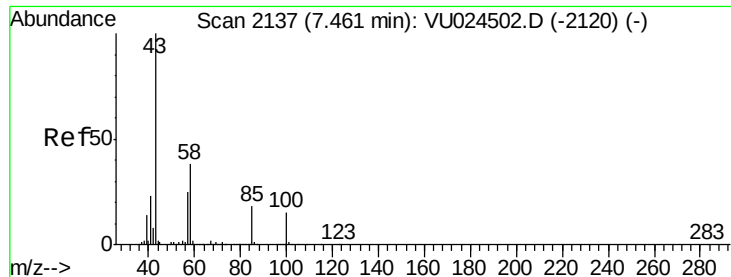
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#50
Toluene-d8
Concen: 44.35 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 104.03 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 43 Resp: 383321

Ion Ratio Lower Upper

43 100

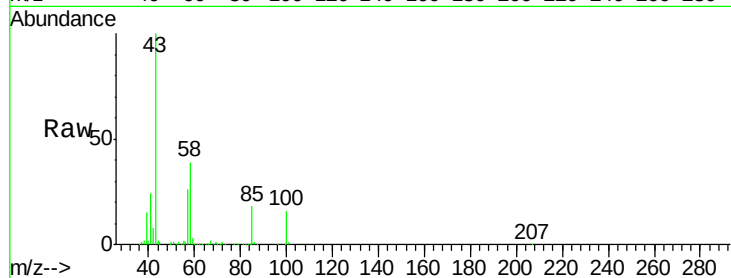
58 38.9 30.0 45.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

250000

200000

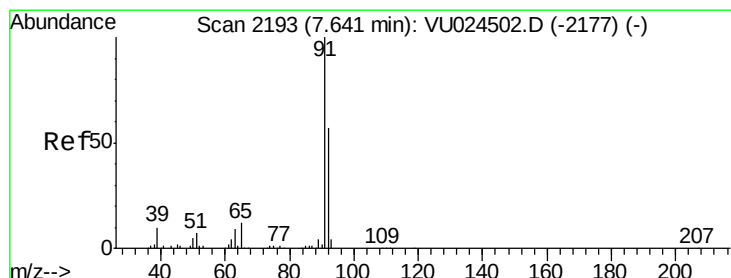
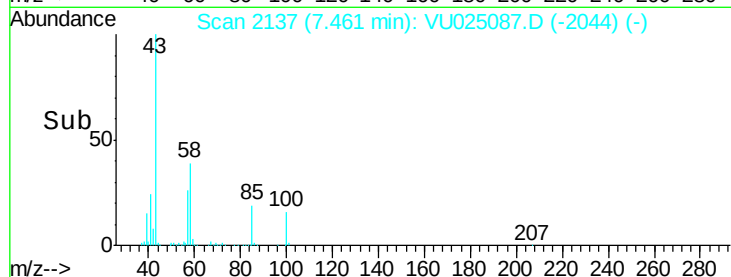
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.56 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025087.D

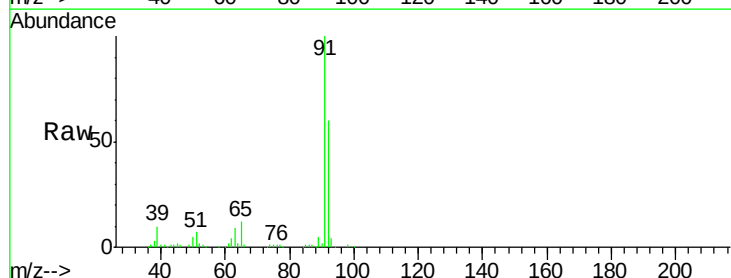
Acq: 30 Jun 2018 14:45

Tgt Ion: 92 Resp: 123062

Ion Ratio Lower Upper

92 100

91 172.6 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

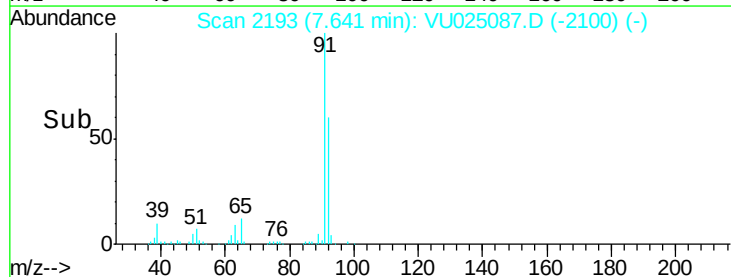
7.64

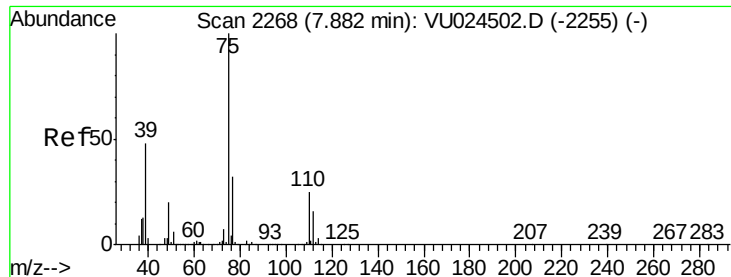
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.12 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 75 Resp: 74807

Ion Ratio Lower Upper

75 100

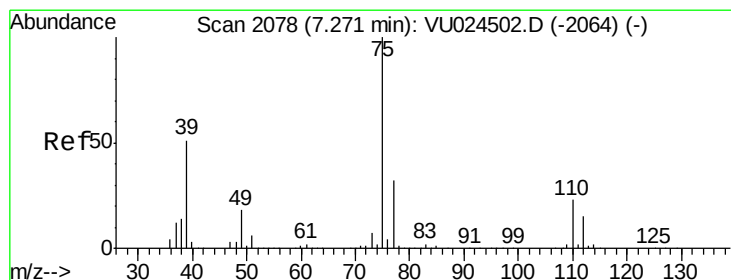
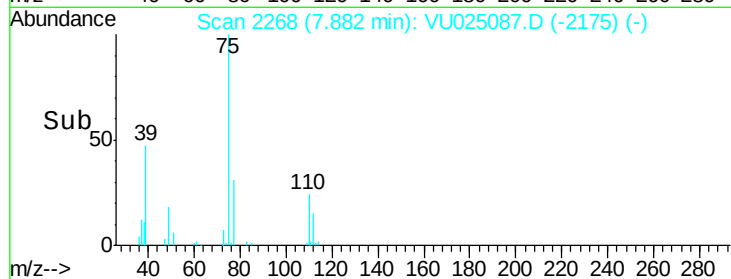
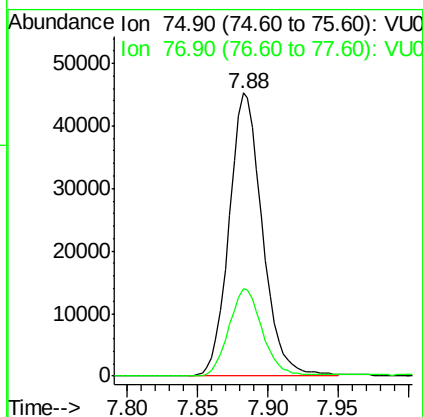
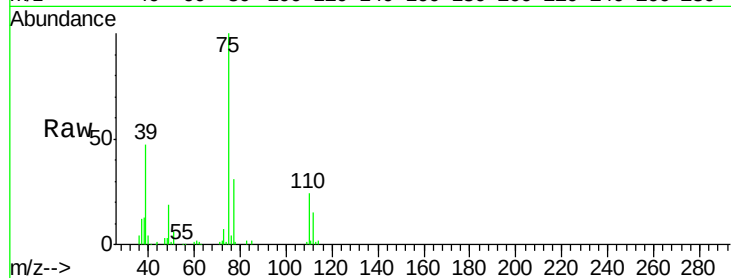
77 30.7 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 19.63 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

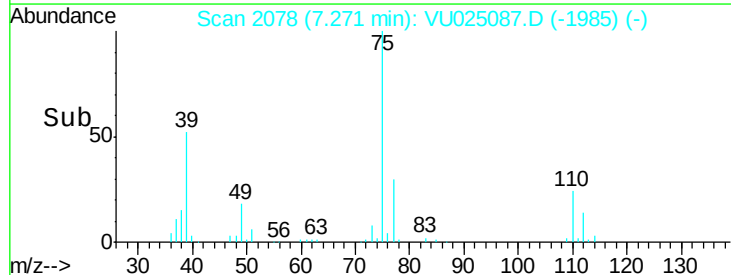
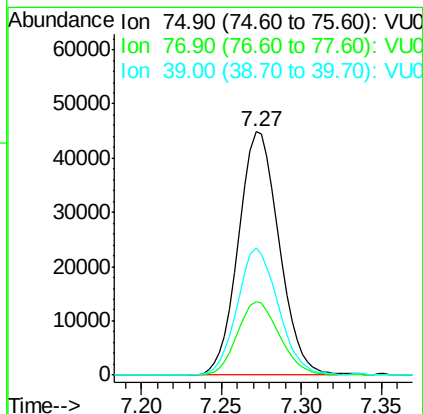
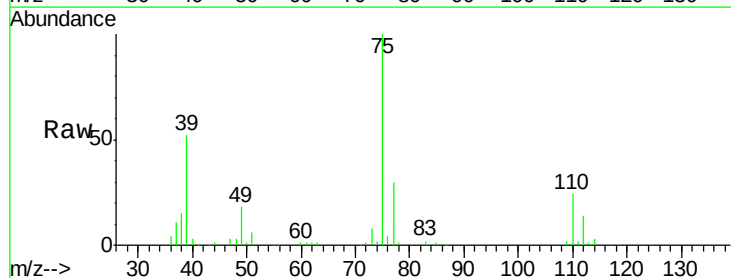
Tgt Ion: 75 Resp: 77773

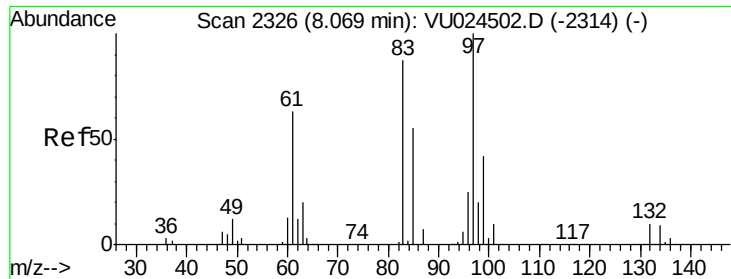
Ion Ratio Lower Upper

75 100

77 30.3 24.6 36.8

39 51.9 39.8 59.6





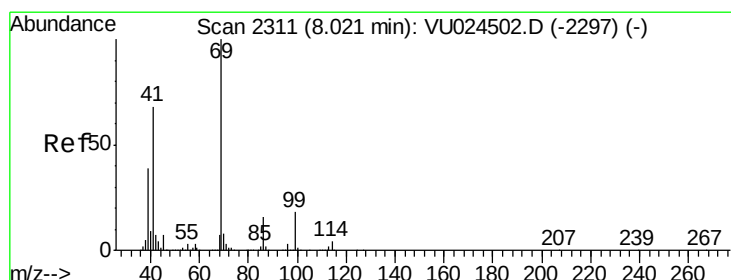
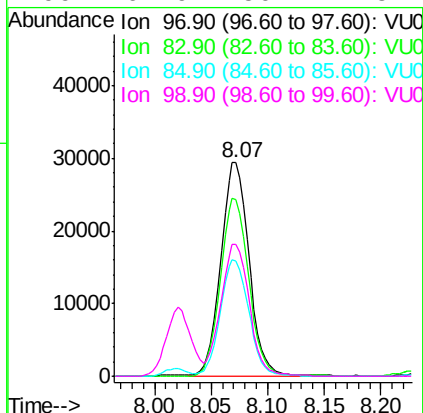
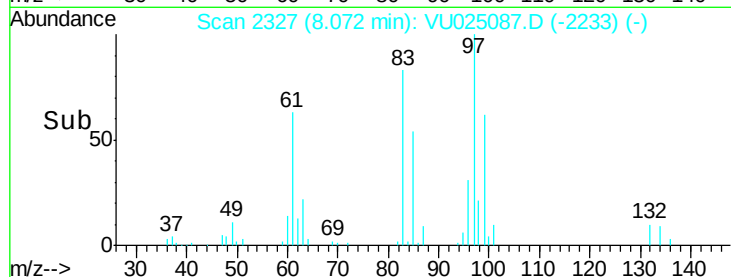
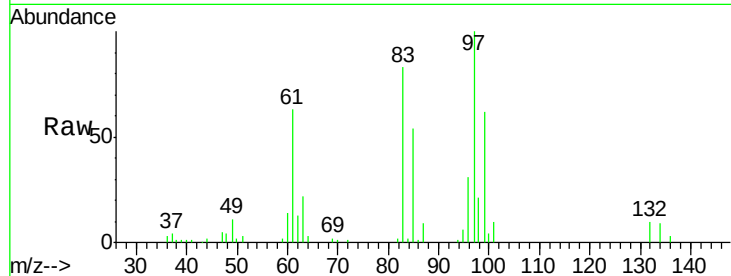
#55
 1,1,2-Trichloroethane
 Concen: 22.14 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion:	97	Resp:	51356
Ion	Ratio	Lower	Upper
97	100		
83	82.6	70.5	105.7
85	54.1	46.4	69.6
99	61.9	50.2	75.2

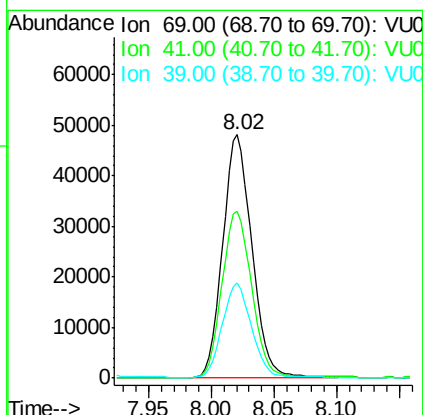
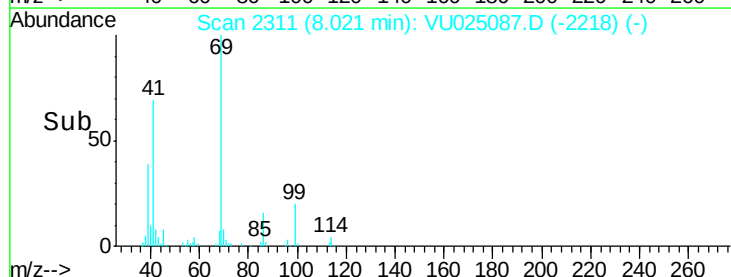
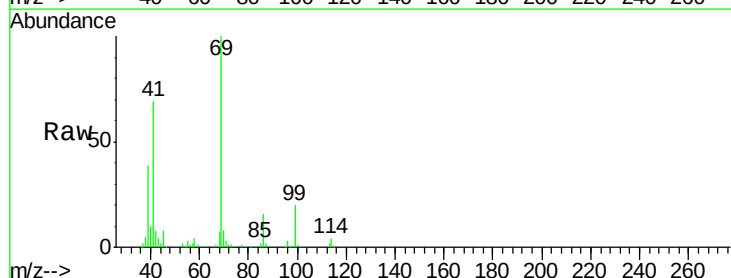
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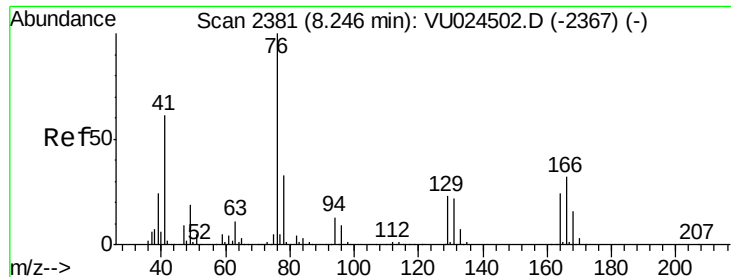
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#56
 Ethyl methacrylate
 Concen: 20.12 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion:	69	Resp:	78132
Ion	Ratio	Lower	Upper
69	100		
41	69.4	54.1	81.1
39	38.3	30.3	45.5





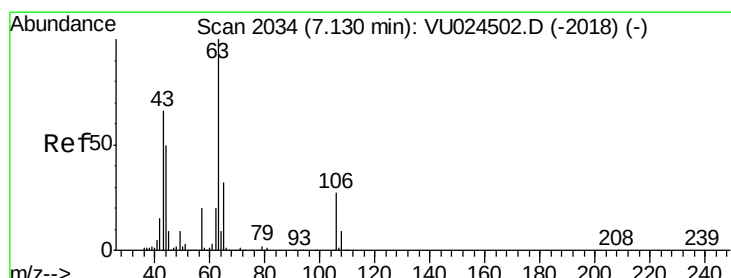
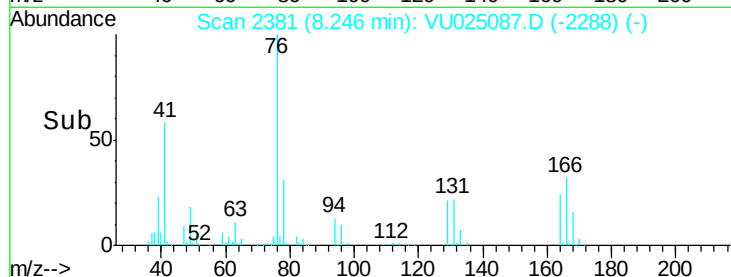
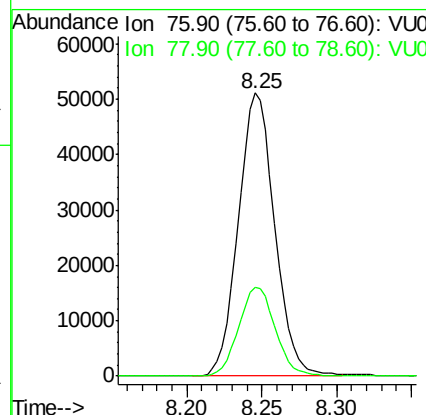
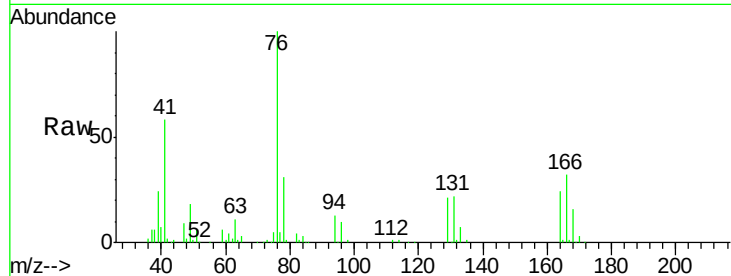
#57
 1,3-Dichloropropane
 Concen: 22.12 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion: 76 Resp: 86550
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.2 37.8

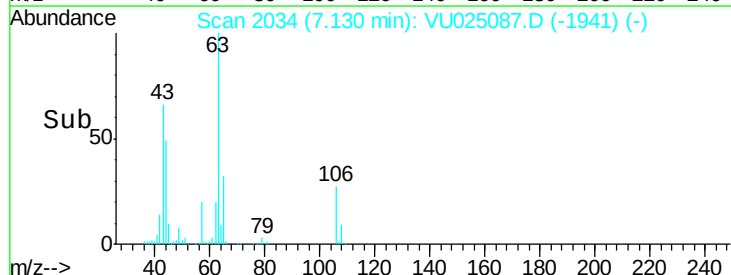
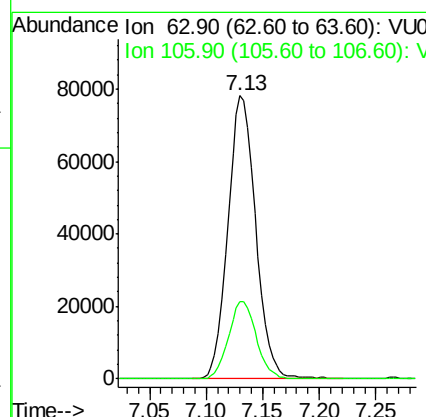
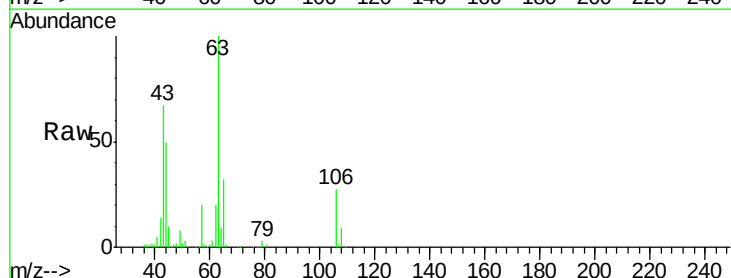
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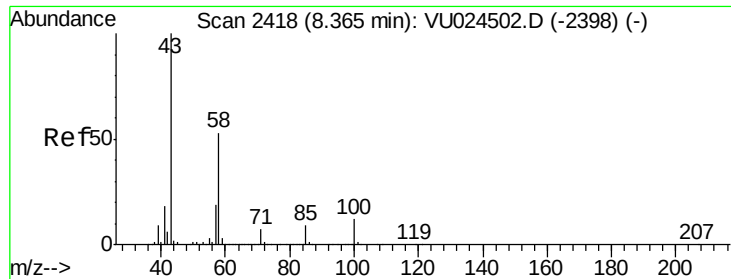
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#58
 2-Chloroethyl Vinyl ether
 Concen: 90.00 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 63 Resp: 133867
 Ion Ratio Lower Upper
 63 100
 106 27.4 20.2 30.2





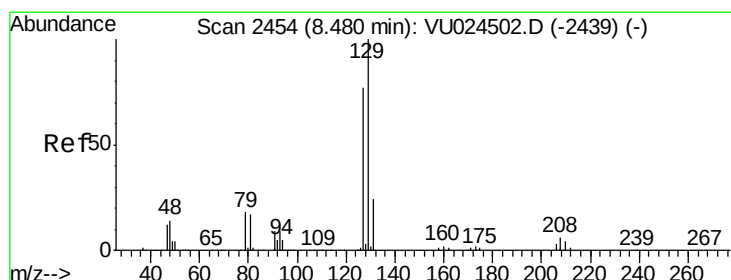
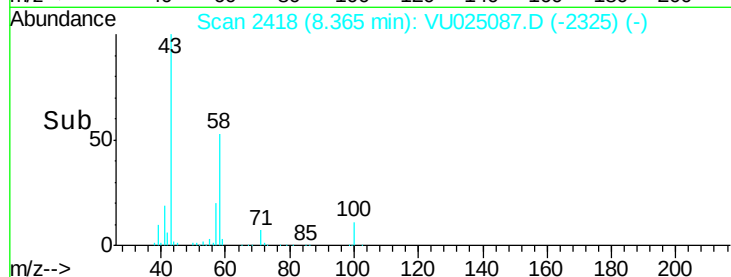
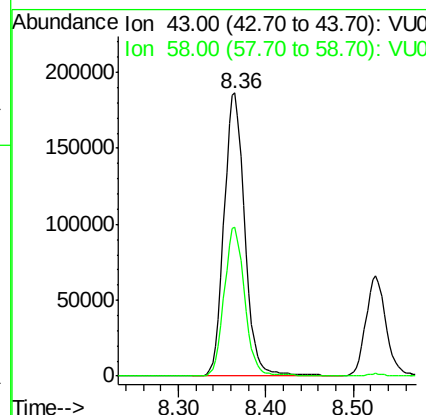
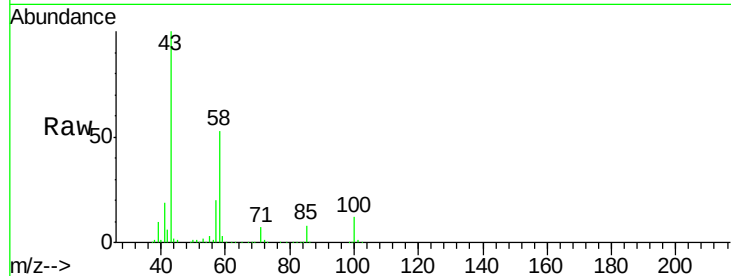
#59
2-Hexanone
Concen: 102.38 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tot Ion: 43 Resp: 307965
Ion Ratio Lower Upper
43 100
58 51.5 26.4 79.0

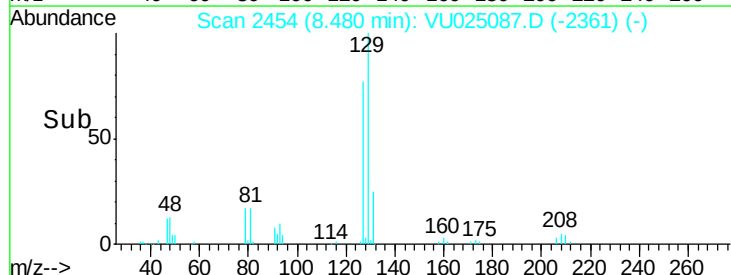
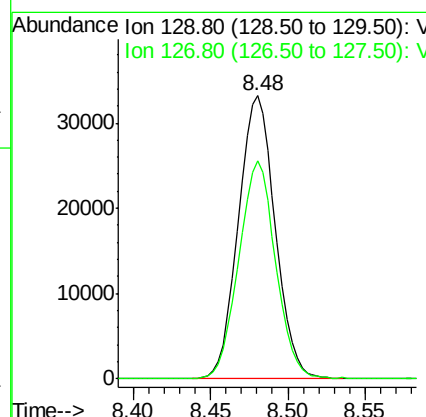
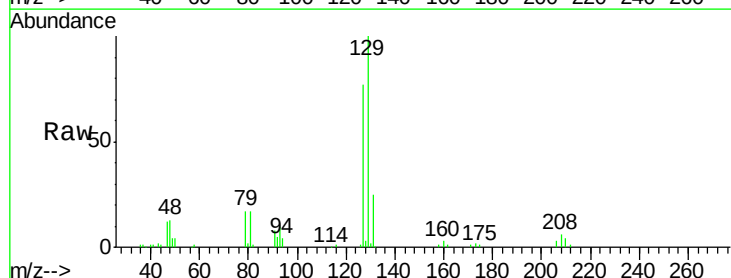
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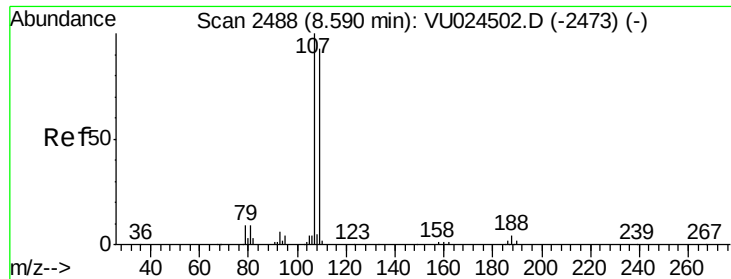
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#60
Dibromochloromethane
Concen: 18.99 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion: 129 Resp: 54927
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





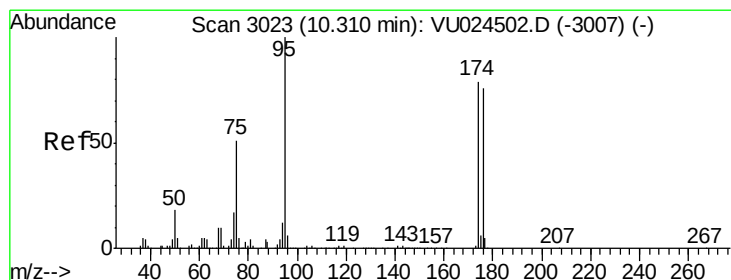
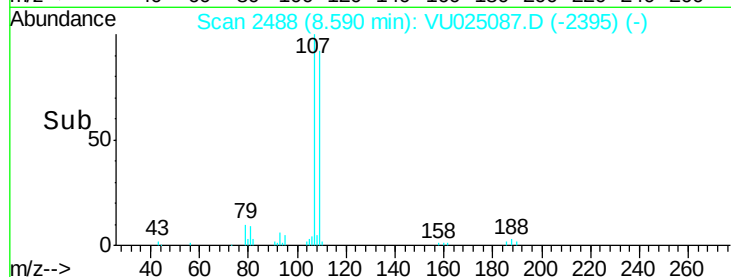
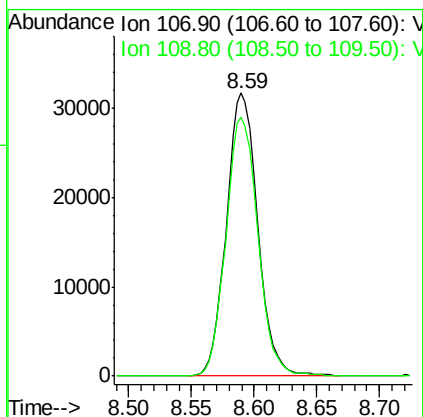
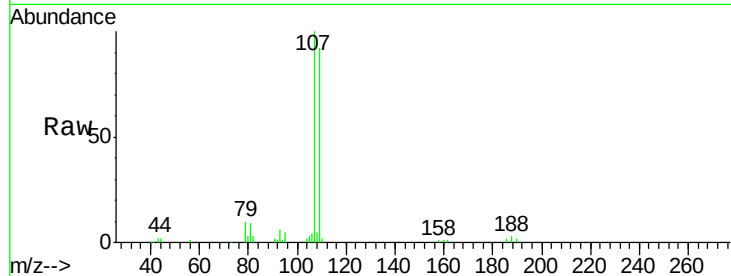
#61
 1,2-Dibromoethane
 Concen: 21.31 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion:107 Resp: 55010
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.5 111.7

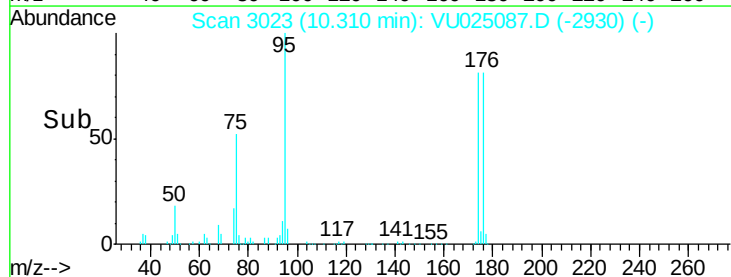
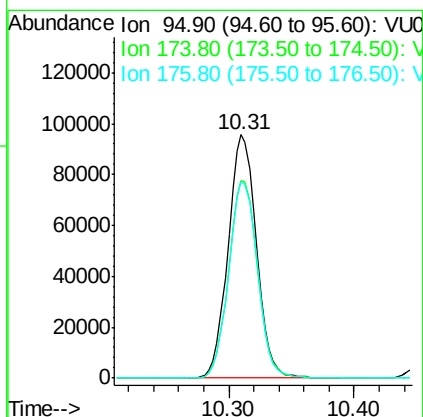
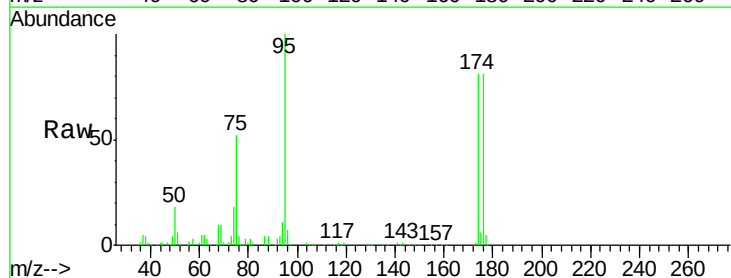
Manual Integrations
 APPROVED

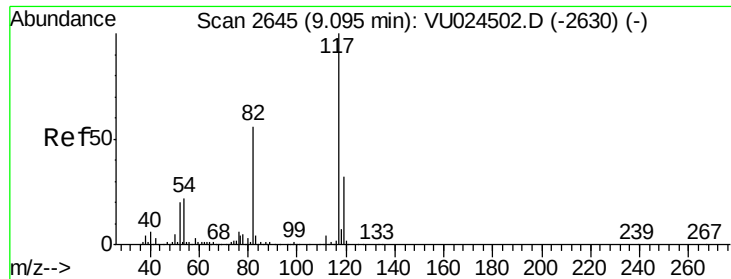
apatel
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#62
 4-Bromofluorobenzene
 Concen: 46.97 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 95 Resp: 149568
 Ion Ratio Lower Upper
 95 100
 174 82.8 0.0 165.8
 176 82.4 0.0 159.4





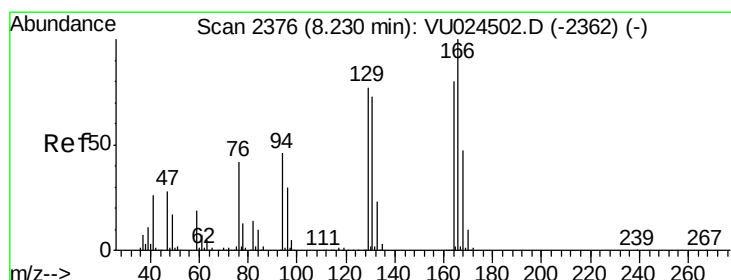
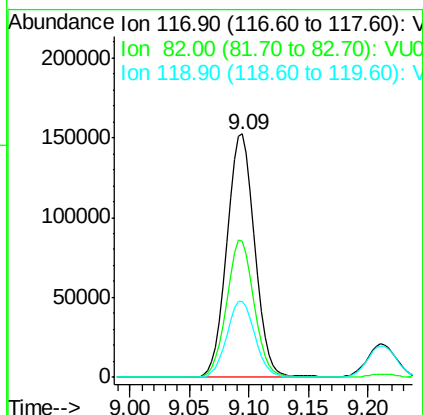
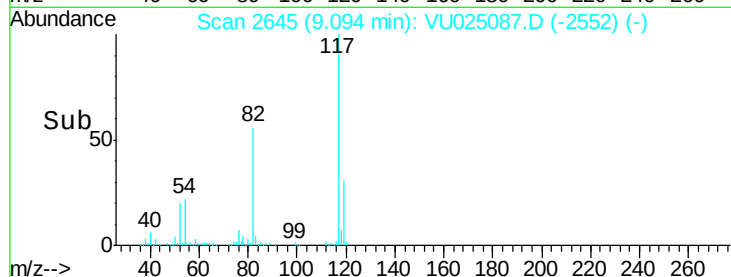
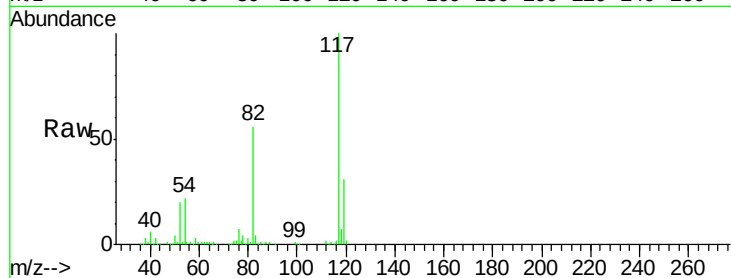
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.3	66.5
119	31.4	25.4	38.2

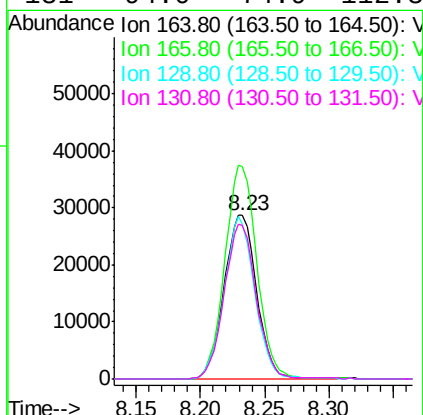
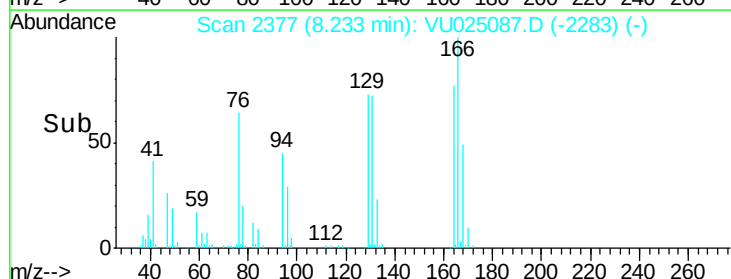
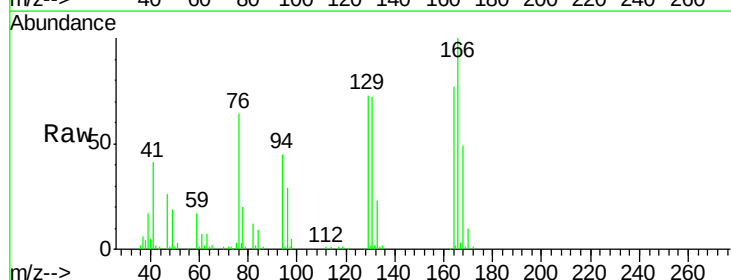
Manual Integrations
APPROVED

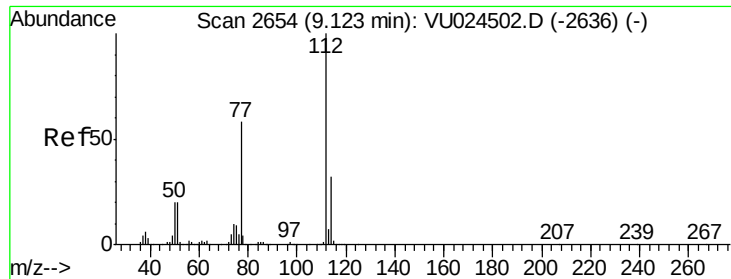
apatel
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#64
Tetrachloroethene
Concen: 21.33 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.7	152.5
129	95.0	76.9	115.3
131	94.0	74.9	112.3





#65

Chlorobenzene

Concen: 22.19 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion:112 Resp: 140436

Ion Ratio Lower Upper

112 100

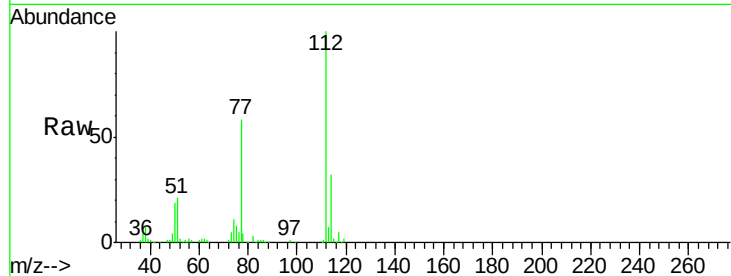
114 31.8 25.6 38.4

Manual Integrations

APPROVED

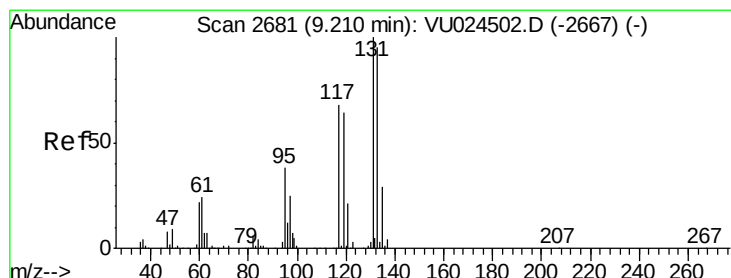
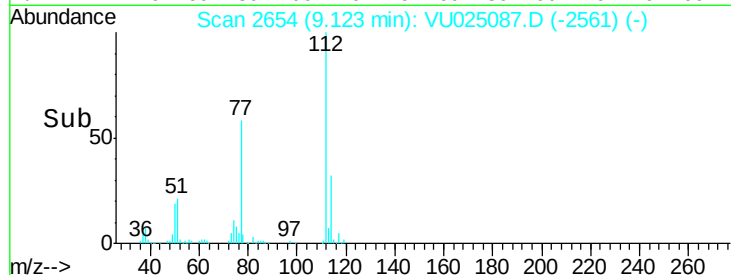
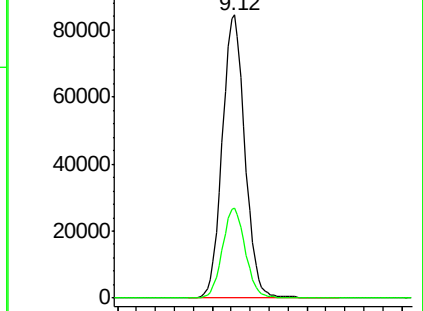
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.34 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

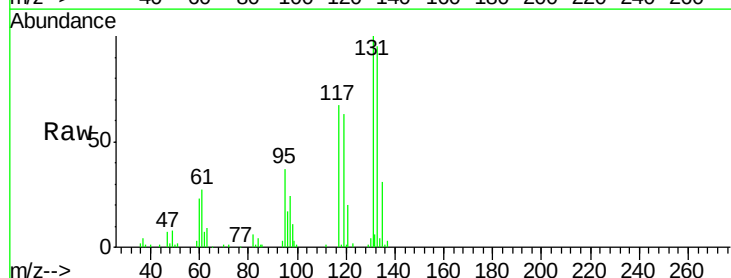
Tgt Ion:131 Resp: 53711

Ion Ratio Lower Upper

131 100

133 92.7 46.9 140.8

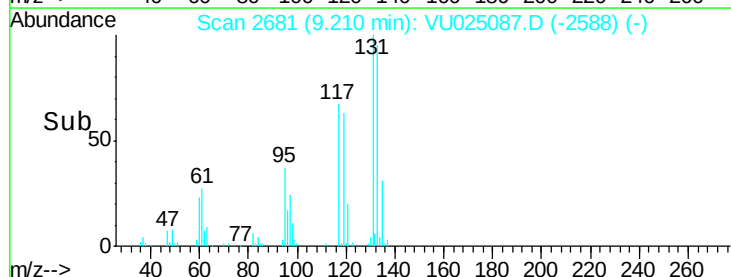
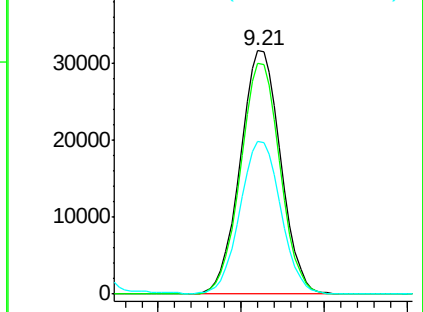
119 63.5 33.5 100.4

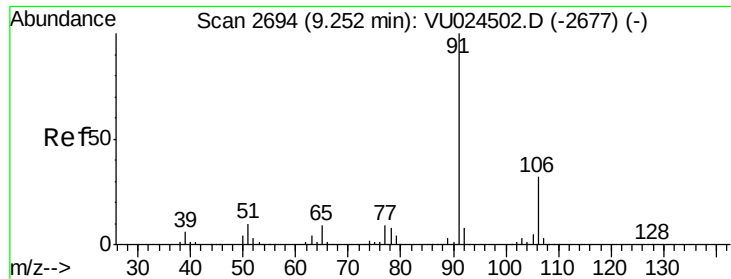


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.68 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleID :

VU0630WBSD01

Tot Ion: 91 Resp: 240529

Ion Ratio Lower Upper

91 100

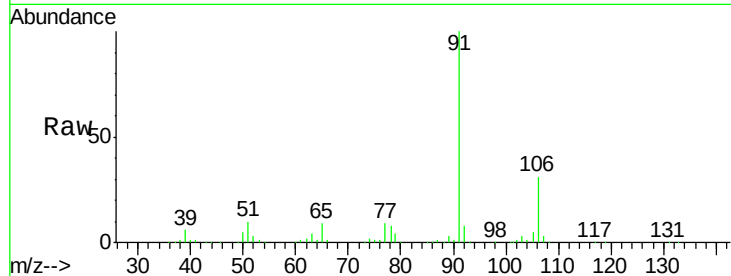
106 31.2 24.2 36.4

Manual Integrations

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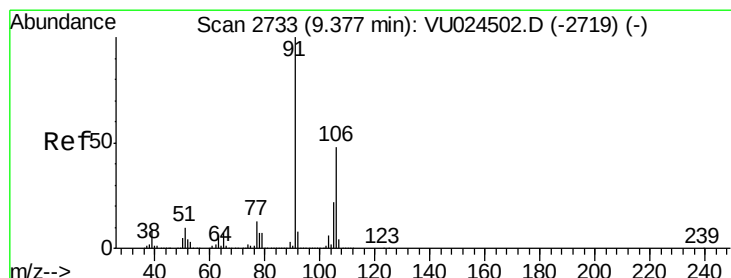
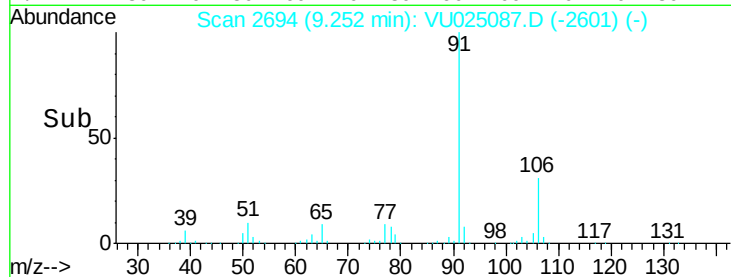
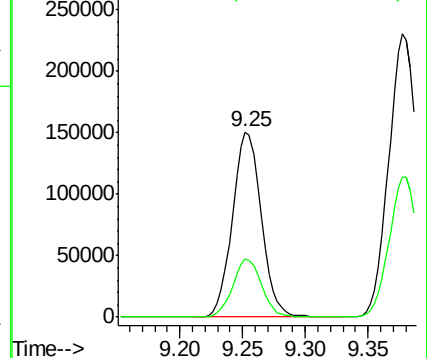
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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.33 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU025087.D

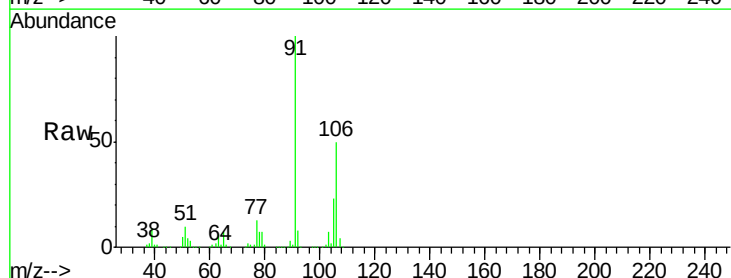
Acq: 30 Jun 2018 14:45

Tgt Ion: 106 Resp: 188904

Ion Ratio Lower Upper

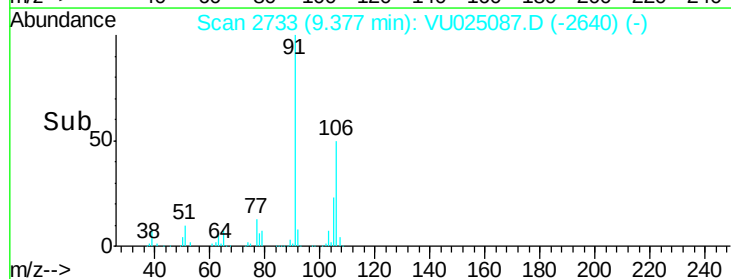
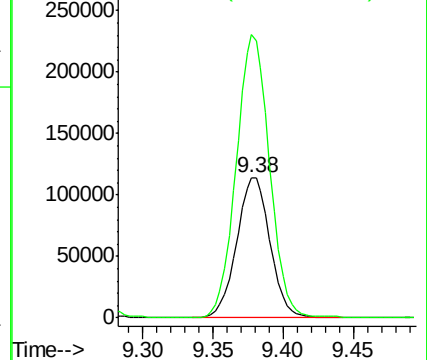
106 100

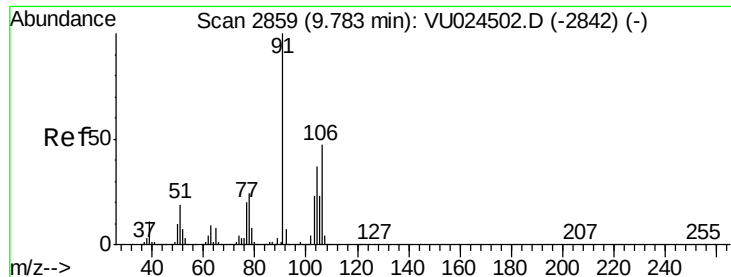
91 201.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





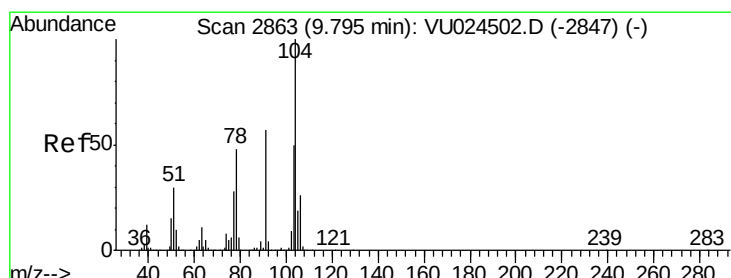
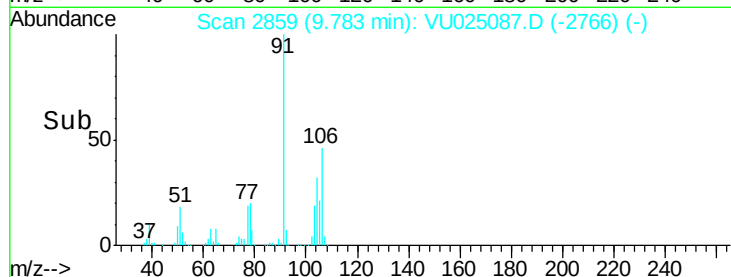
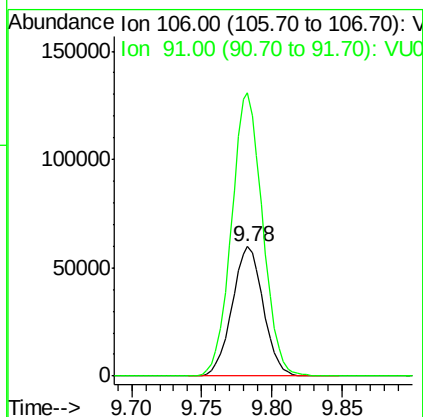
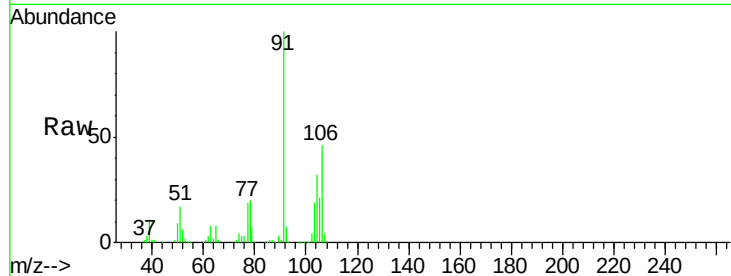
#69
o-Xylene
Concen: 22.11 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.4	110.7	331.9	

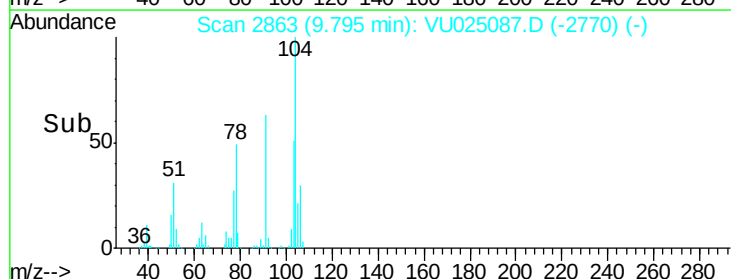
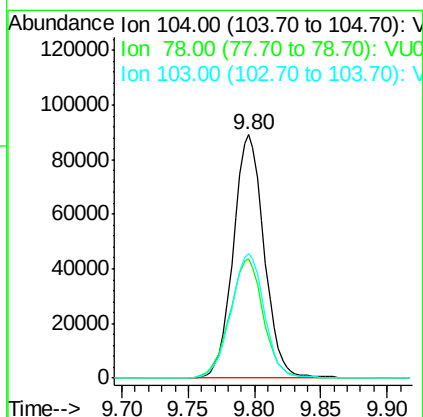
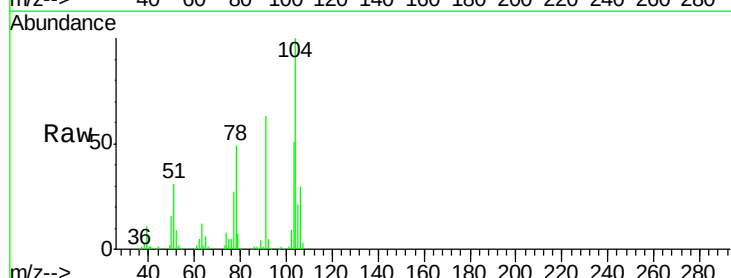
Manual Integrations
APPROVED

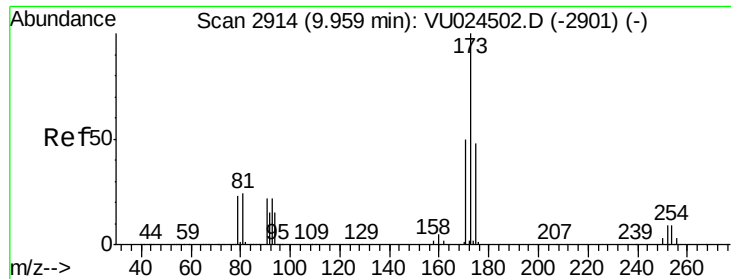
apatel
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#70
Styrene
Concen: 20.81 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.4	40.6	60.8	
103	55.2	44.7	67.1	





#71

Bromoform

Concen: 18.65 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion:173 Resp: 42628

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

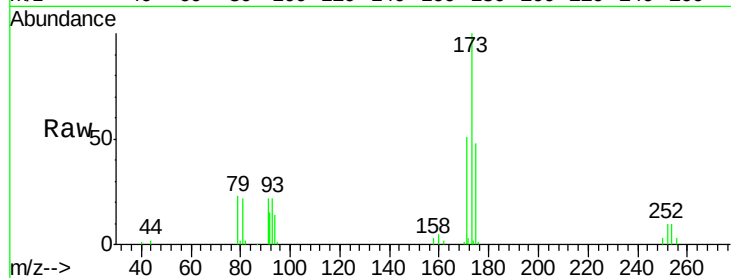
254 0.0 0.0 0.0

Manual Integrations

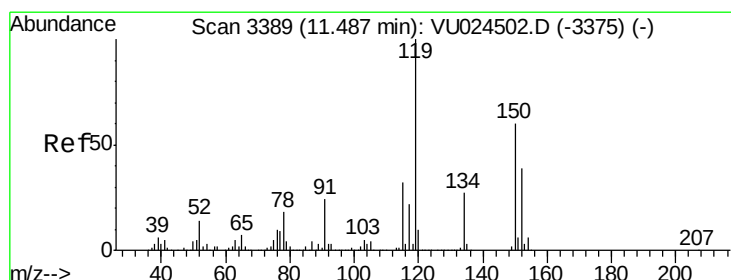
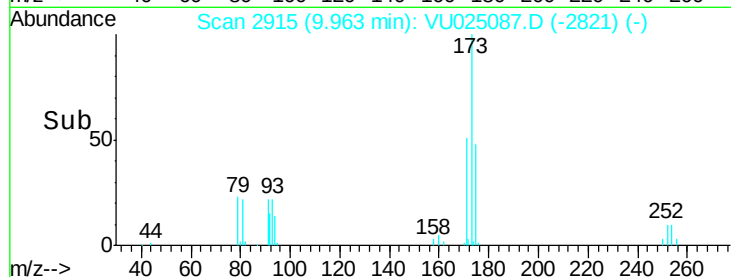
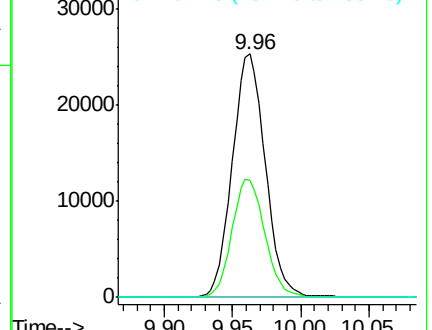
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

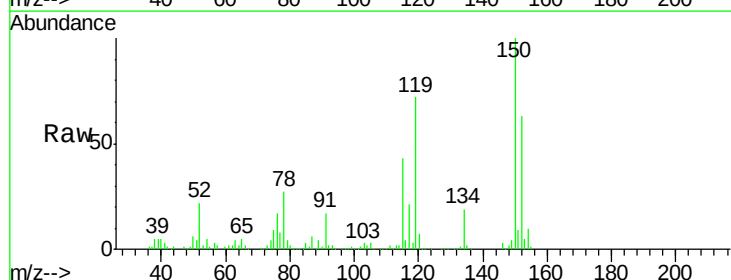
Tgt Ion:152 Resp: 141369

Ion Ratio Lower Upper

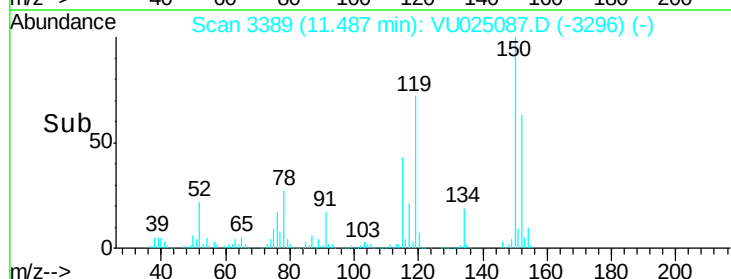
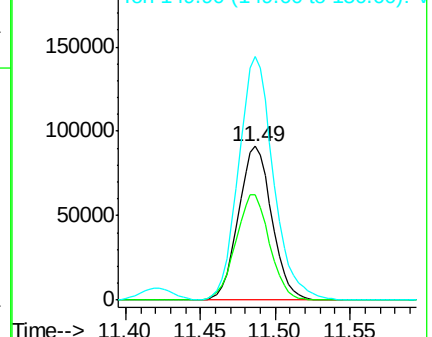
152 100

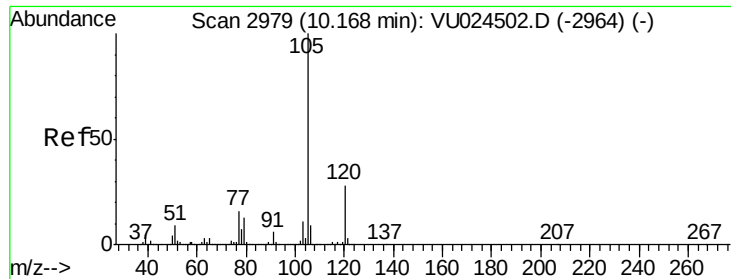
115 69.8 43.0 129.0

150 164.9 0.0 354.0



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





#73

Isopropylbenzene

Concen: 23.21 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 105 Resp: 251866

Ion Ratio Lower Upper

105 100

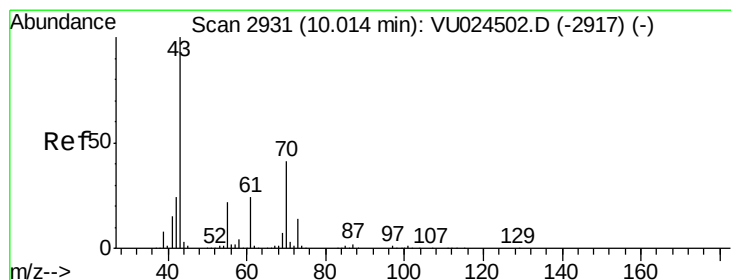
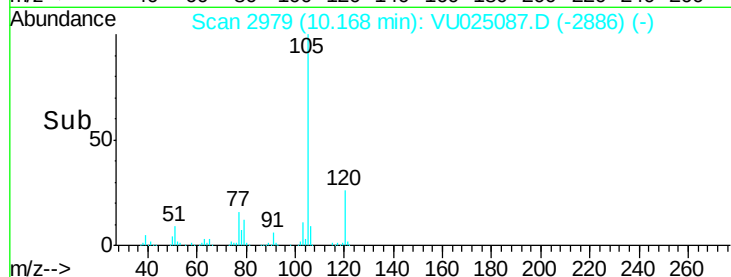
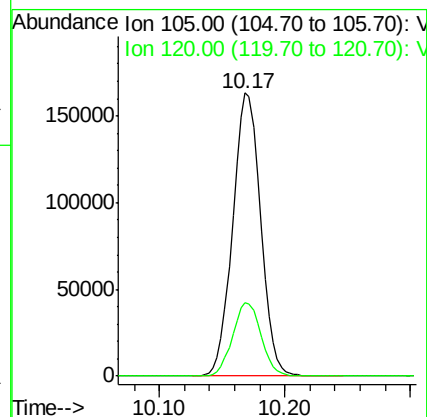
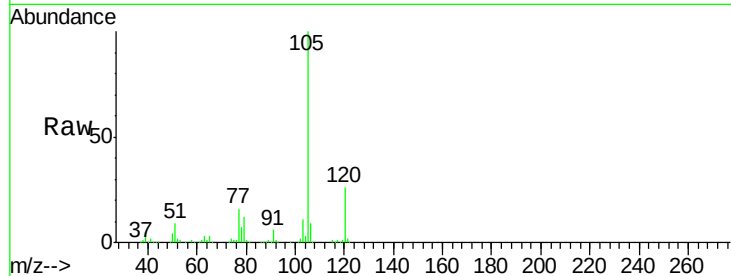
120 26.5 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.96 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion: 43 Resp: 103063

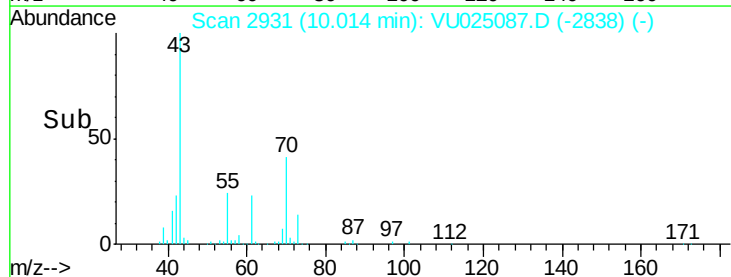
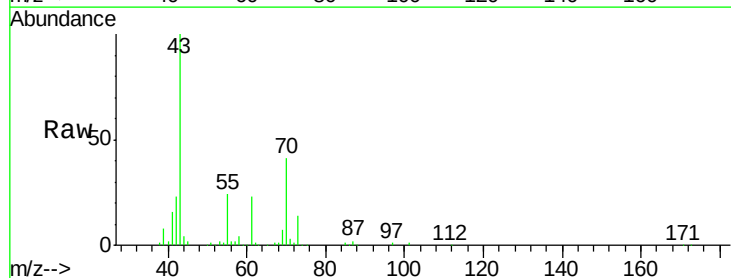
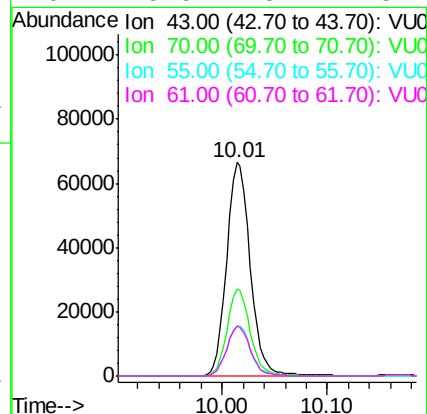
Ion Ratio Lower Upper

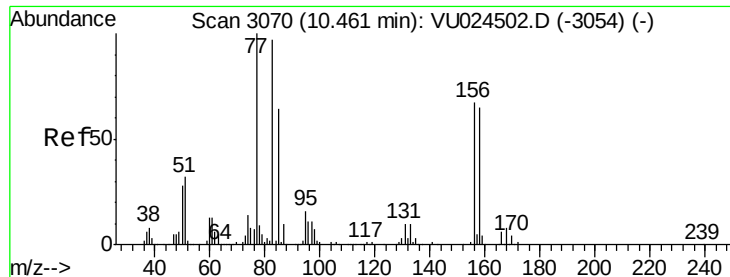
43 100

70 40.0 32.2 48.4

55 23.9 20.5 30.7

61 23.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.68 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion: 83 Resp: 82484

Ion Ratio Lower Upper

83 100

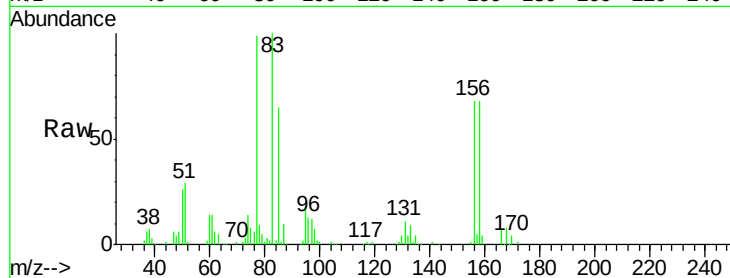
131 10.7 4.7 14.1

85 65.2 32.5 97.5

Manual Integrations
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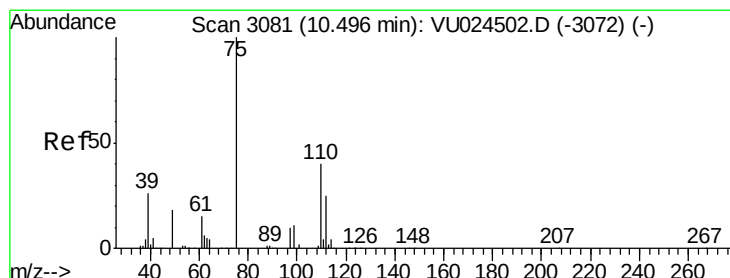
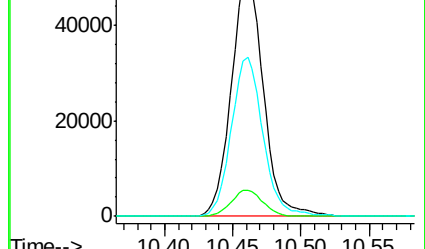
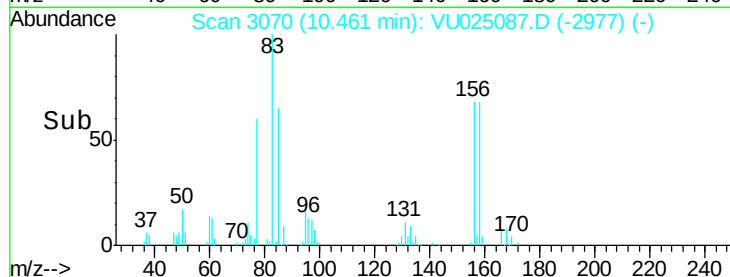


Abundance Ion 82.90 (82.60 to 83.60): VU025087.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025087.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025087.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.84 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025087.D

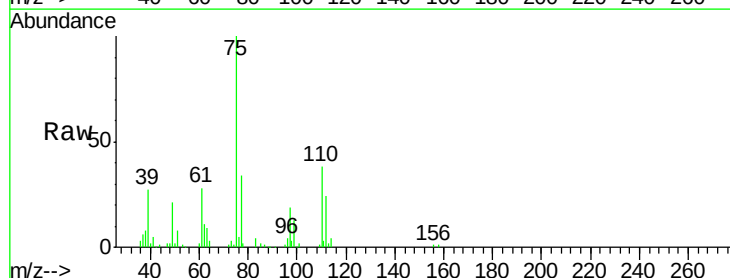
Acq: 30 Jun 2018 14:45

Tgt Ion: 75 Resp: 74209

Ion Ratio Lower Upper

75 100

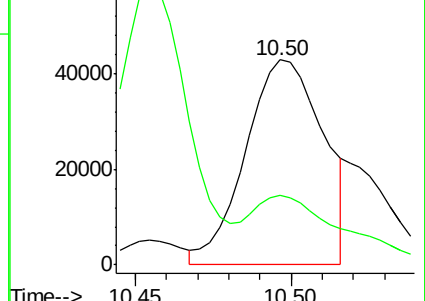
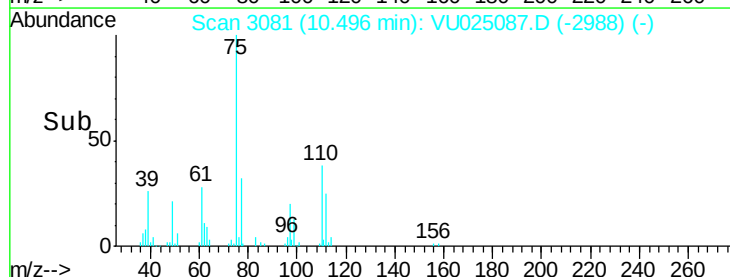
77 40.1 20.9 62.7

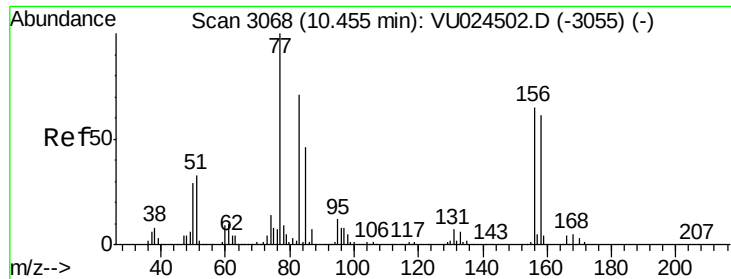


Abundance Ion 74.90 (74.60 to 75.60): VU025087.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025087.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 22.97 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

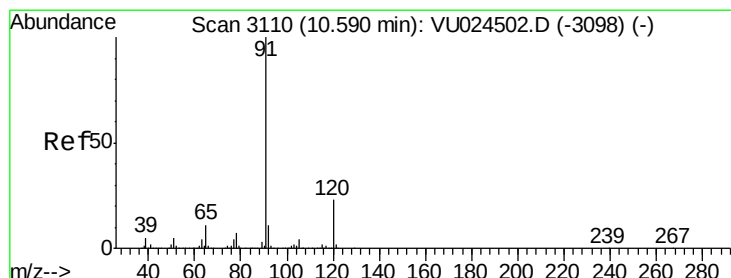
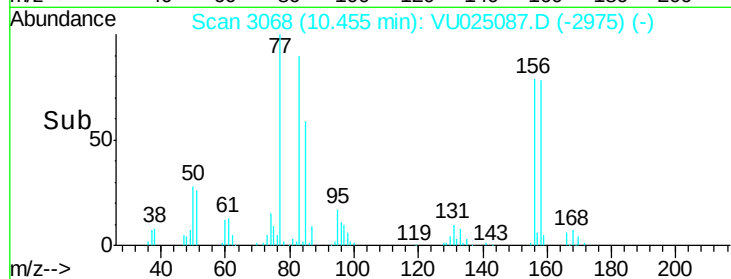
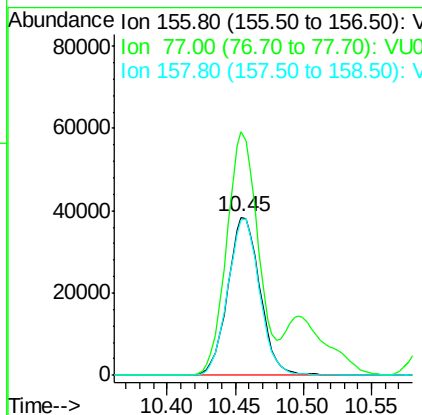
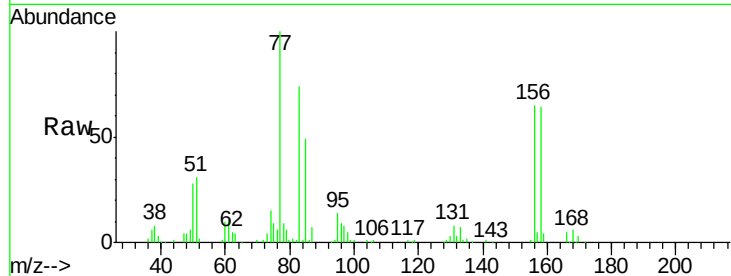
ClientSampleId :

VU0630WBSD01

Tot Ion:	156	Resp:	63105
Ion Ratio	Lower	Upper	
156	100		
77	150.2	80.5	241.3
158	97.3	48.2	144.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.62 ug/l

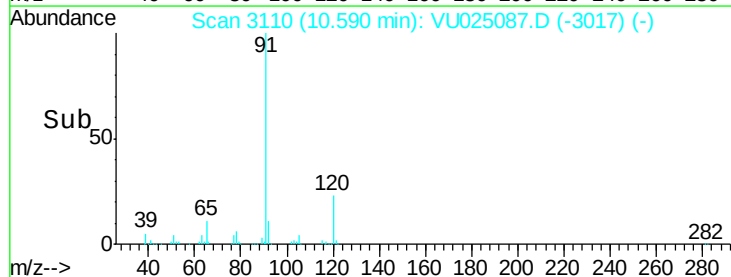
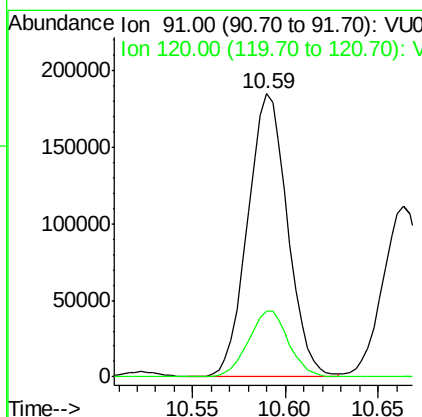
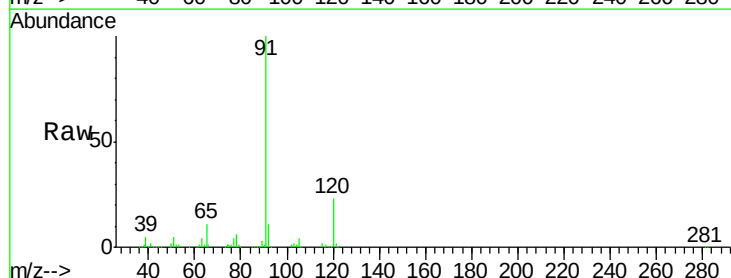
RT: 10.59 min Scan# 3110

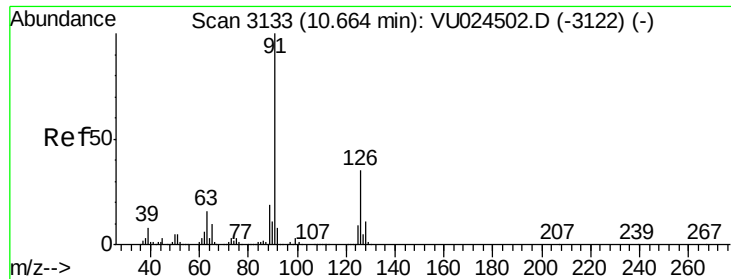
Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion:	91	Resp:	276443
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.2	33.5





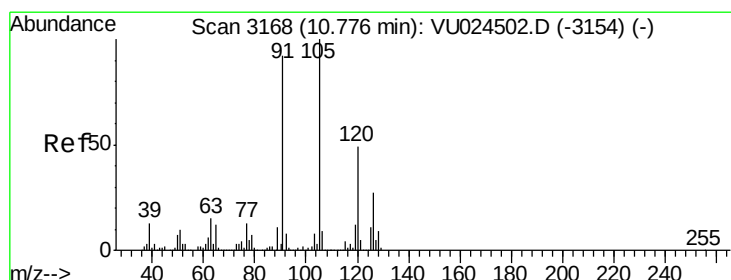
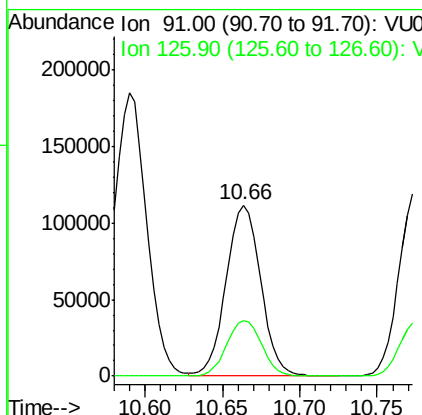
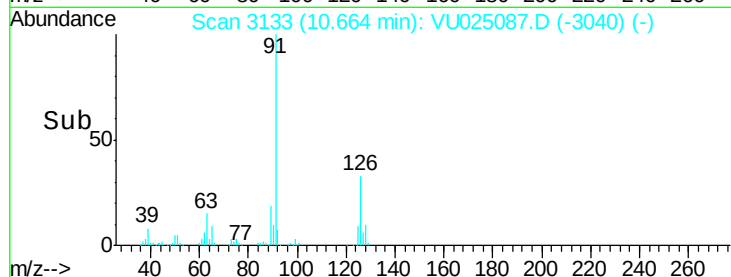
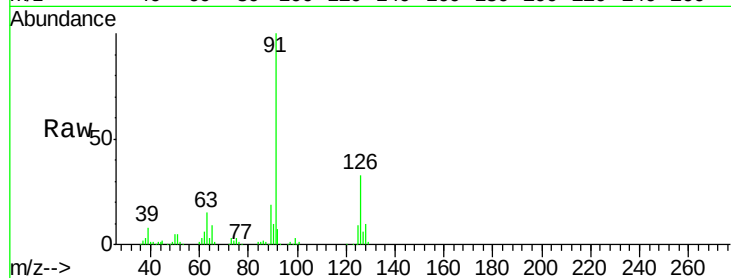
#79
 2-Chlorotoluene
 Concen: 22.89 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion: 91 Resp: 172553
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.9 50.7

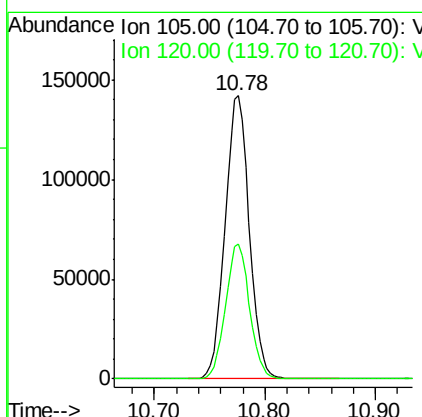
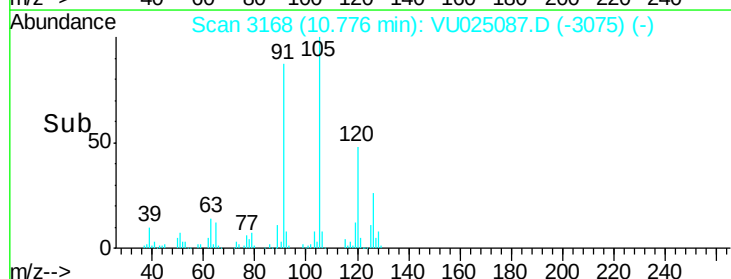
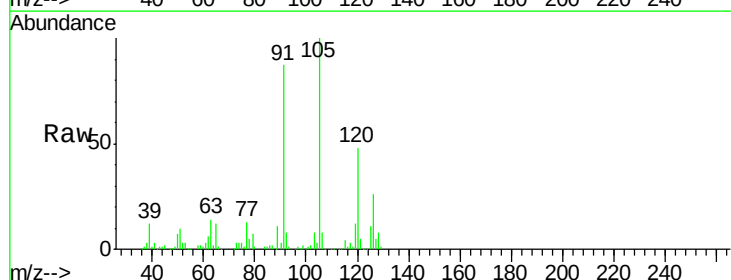
Manual Integrations
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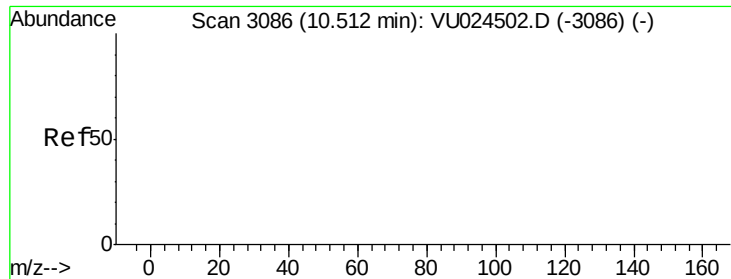
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.93 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 105 Resp: 215745
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.2





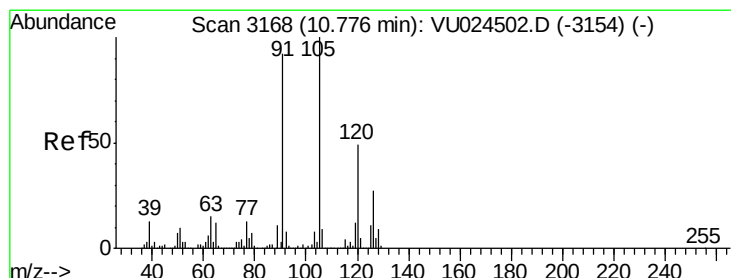
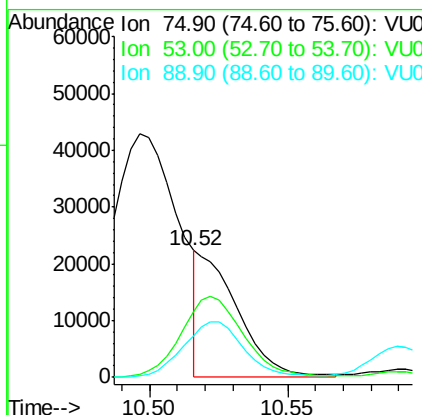
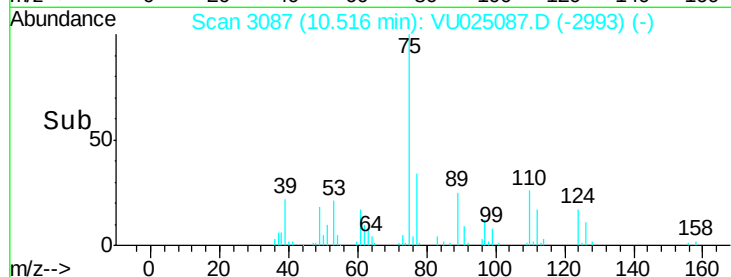
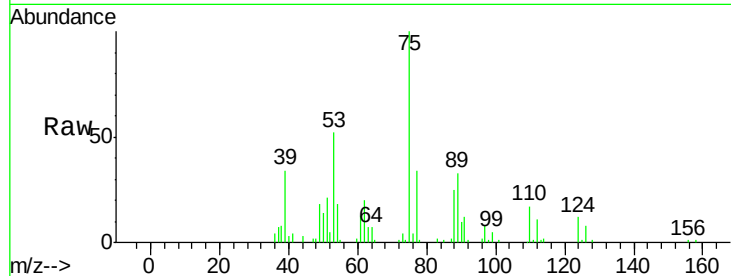
#81
trans-1,4-Dichloro-2-butene
Concen: 16.46 ug/l m
RT: 10.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

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

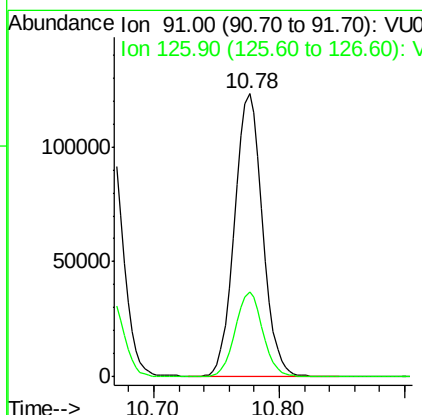
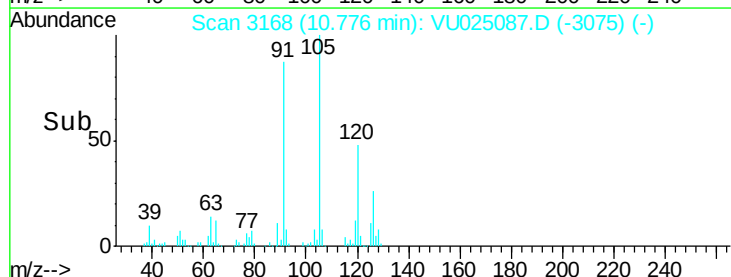
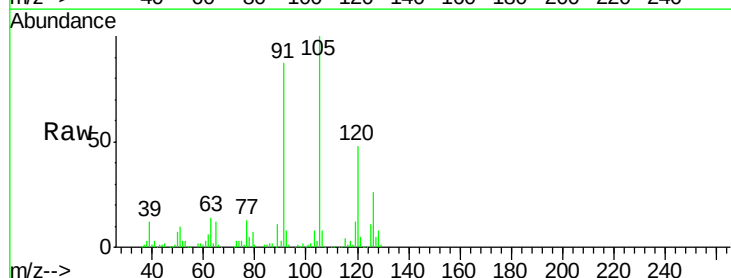
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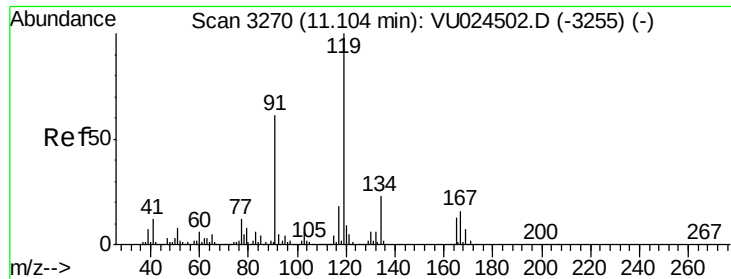
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#82
4-Chlorotoluene
Concen: 21.68 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.9	44.9





#83

tert-Butylbenzene

Concen: 23.83 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

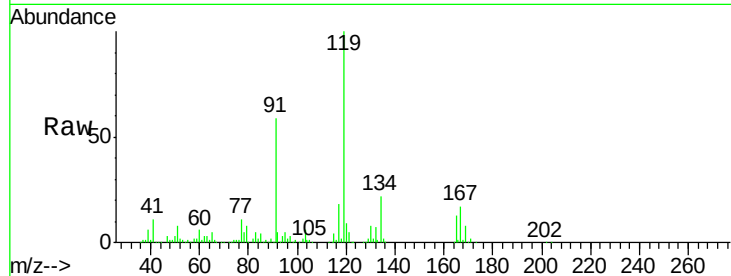
ClientSampleId :

VU0630WBSD01

Tot Ion:	119	Resp:	215623
Ion Ratio	Lower	Upper	
119	100		
91	59.8	29.7	89.1
134	22.8	11.6	34.7

Manual Integrations
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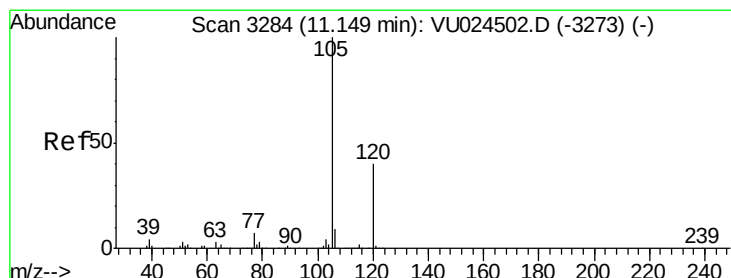
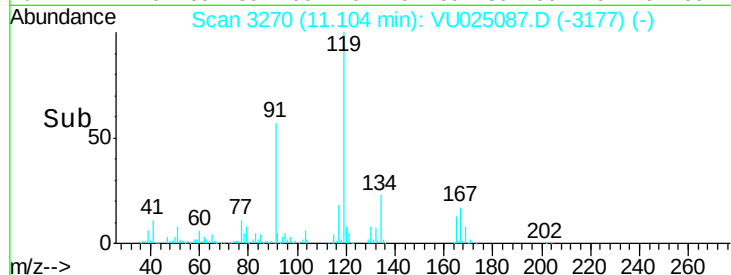
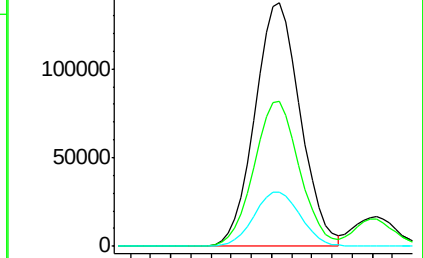
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.60 ug/l

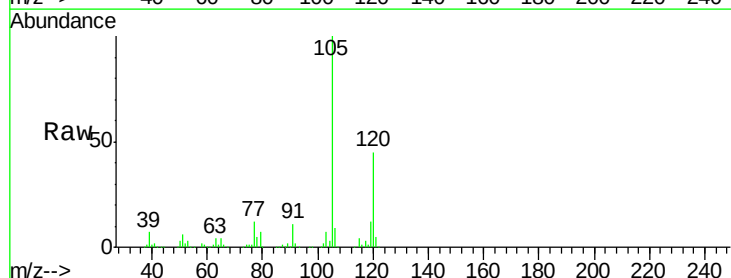
RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025087.D

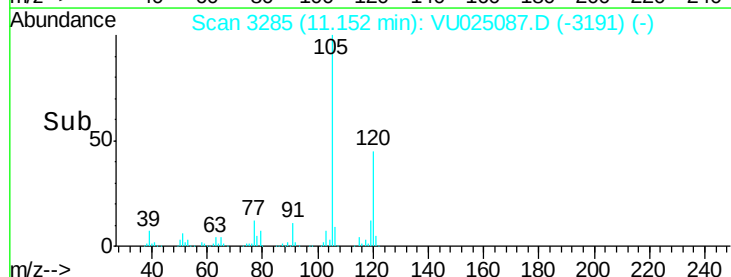
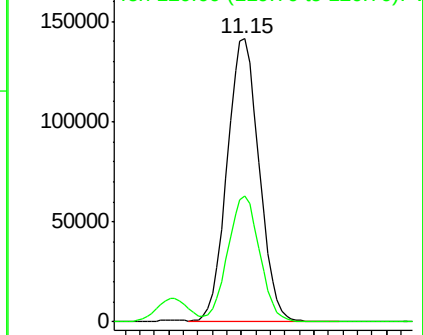
Acq: 30 Jun 2018 14:45

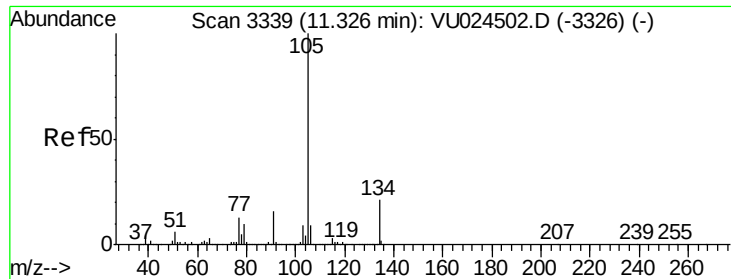
Tgt Ion:	105	Resp:	216687
Ion Ratio	Lower	Upper	
105	100		
120	44.3	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.22 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tot Ion:105 Resp: 251668

Ion Ratio Lower Upper

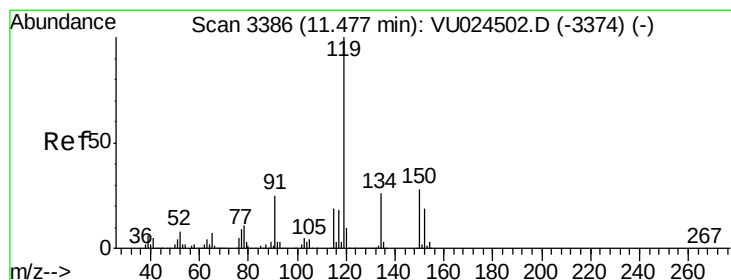
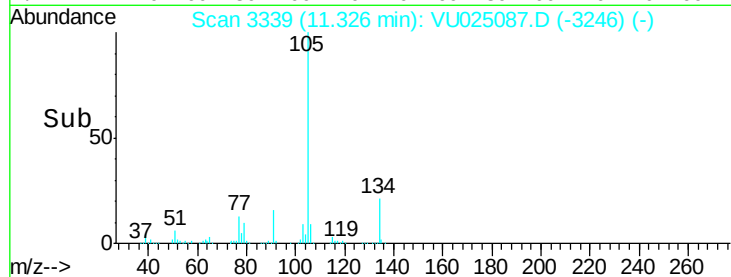
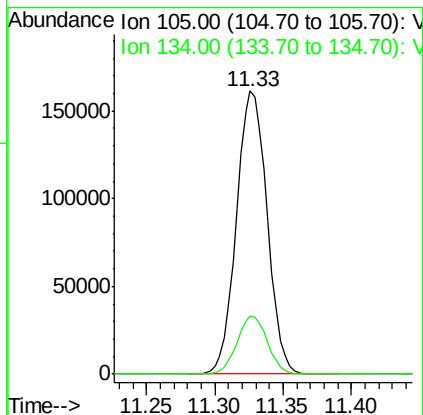
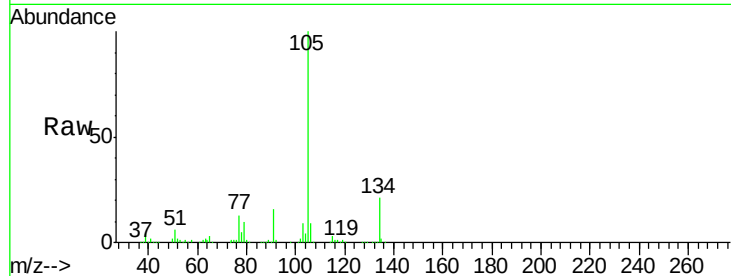
105 100

134 20.3 9.7 29.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 21.79 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

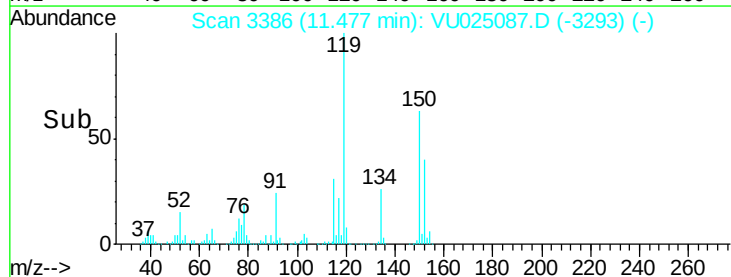
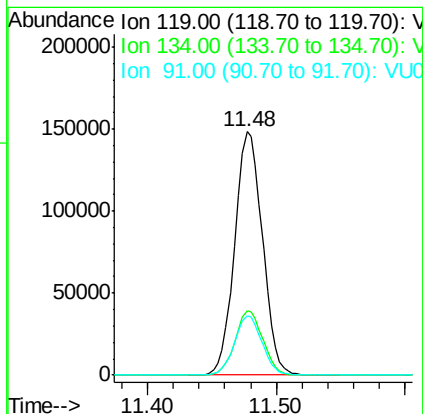
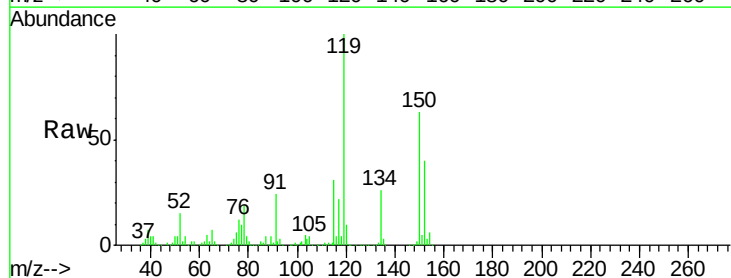
Tgt Ion:119 Resp: 221038

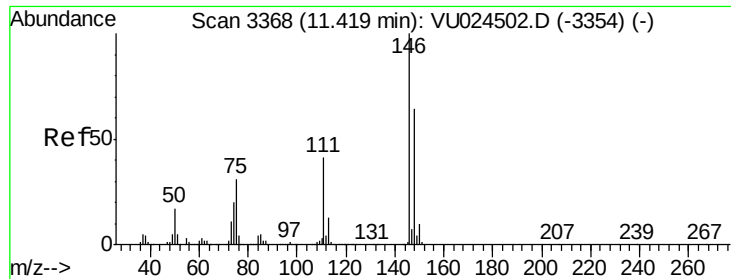
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 24.4 12.0 36.1





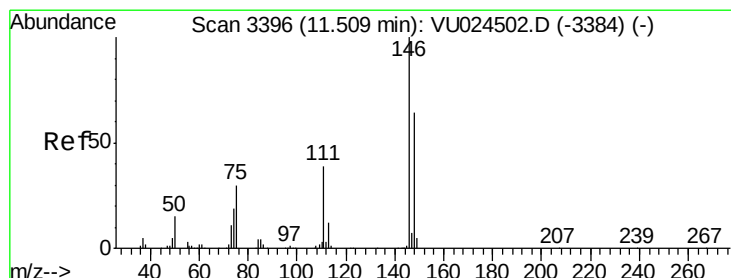
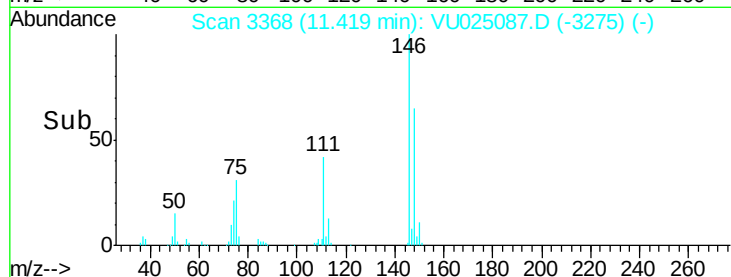
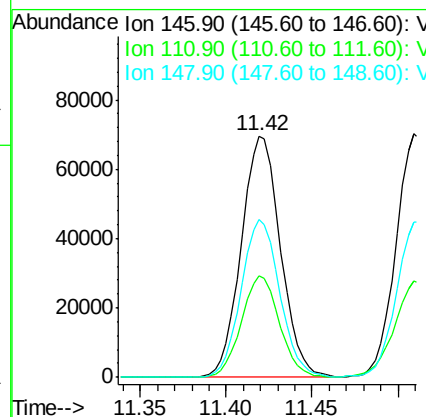
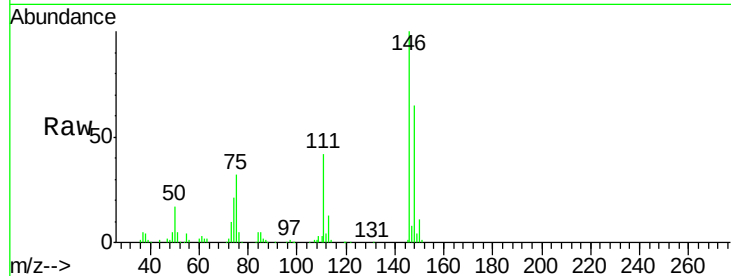
#87
 1,3-Dichlorobenzene
 Concen: 21.65 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	60.0
148	64.7	32.1	96.5

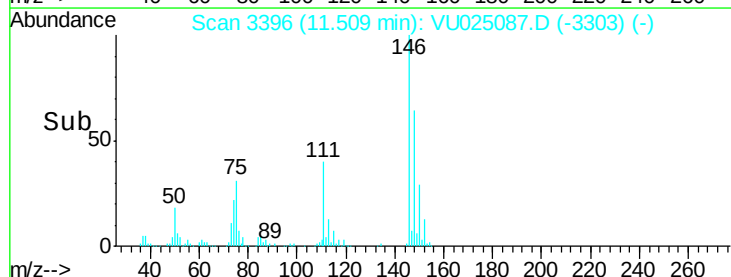
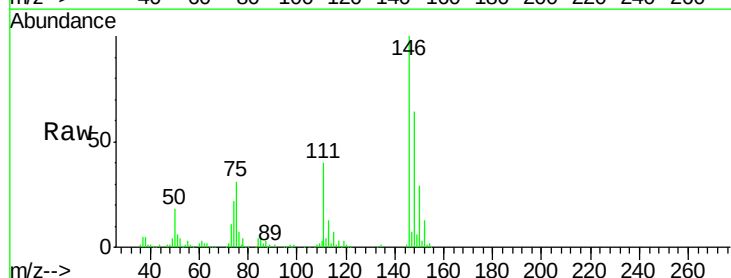
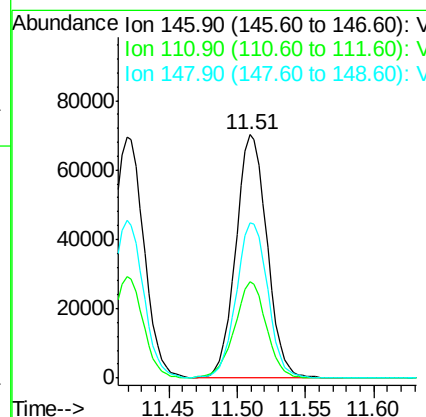
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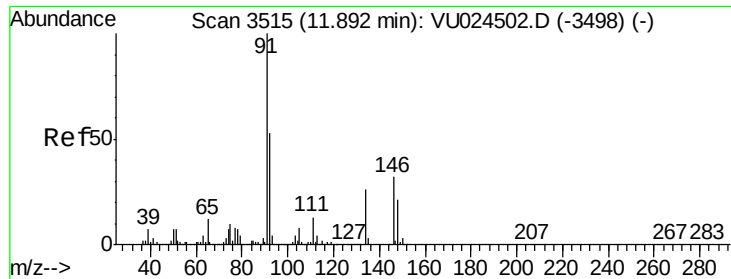
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#88
 1,4-Dichlorobenzene
 Concen: 21.77 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.5	58.5
148	65.0	32.4	97.0





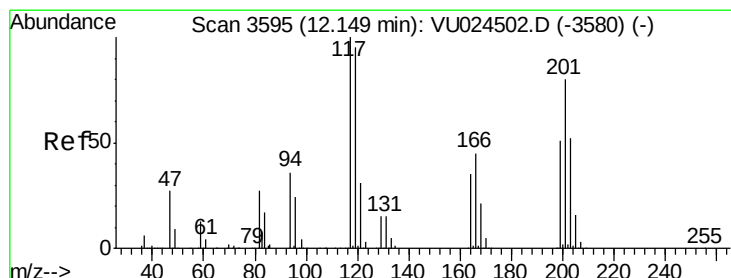
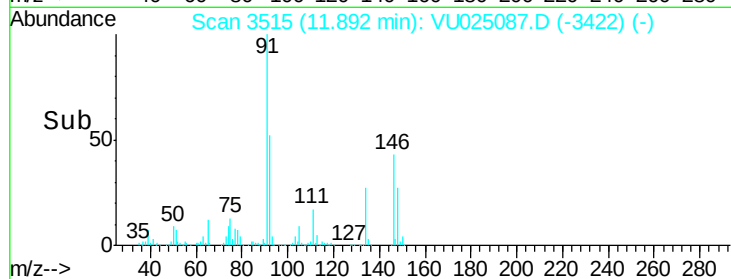
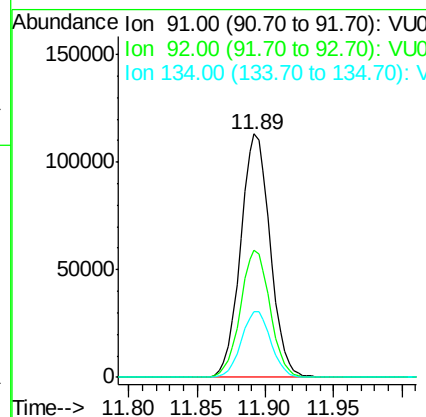
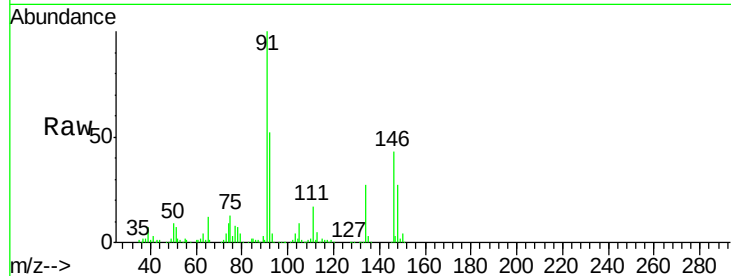
#89
n-Butylbenzene
Concen: 18.87 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.6	76.8
134	26.8	12.3	36.8

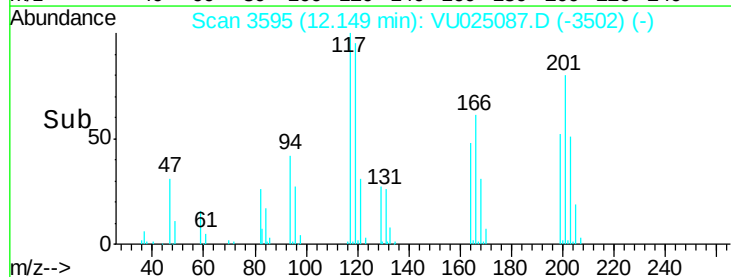
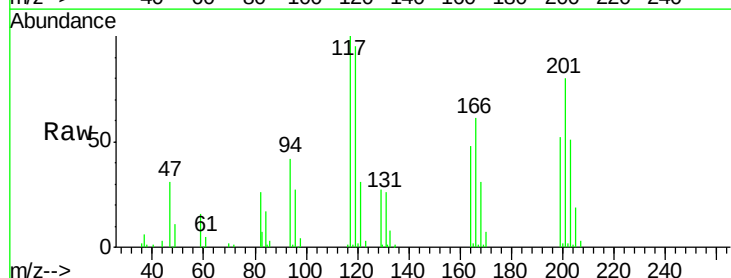
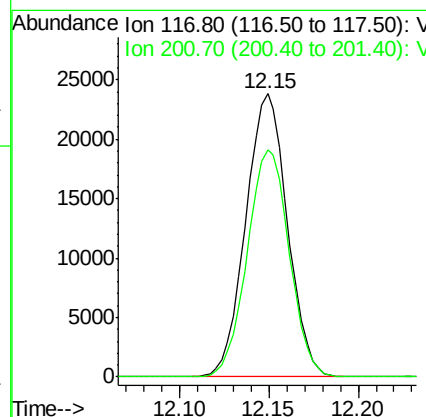
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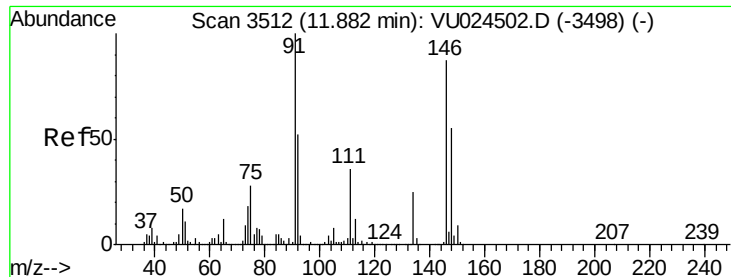
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#90
Hexachloroethane
Concen: 19.55 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.9	41.1	123.3





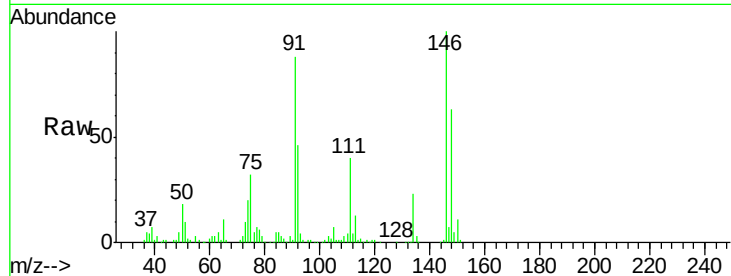
#91
 1,2-Dichlorobenzene
 Concen: 23.03 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	117090		
111	40.5	20.5	61.6	
148	62.9	31.9	95.7	

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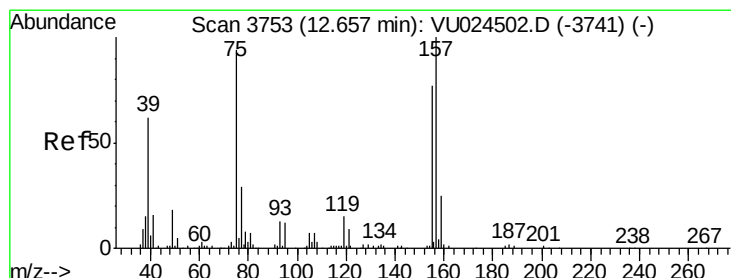
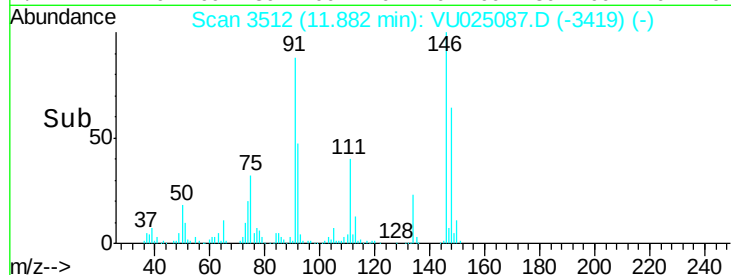
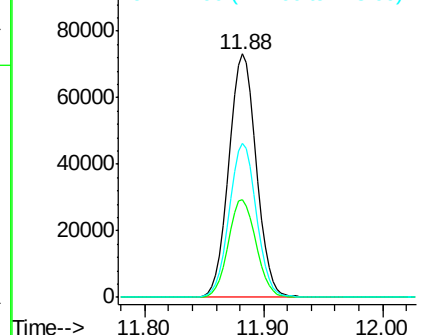


Abundance

Ion 145.90 (145.60 to 146.60): V

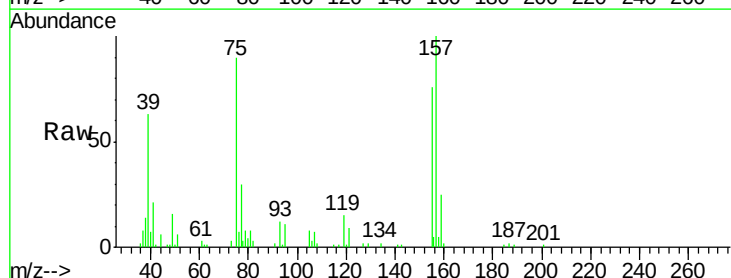
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.81 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19882		
155	84.8	40.4	121.2	
157	111.1	52.3	156.8	

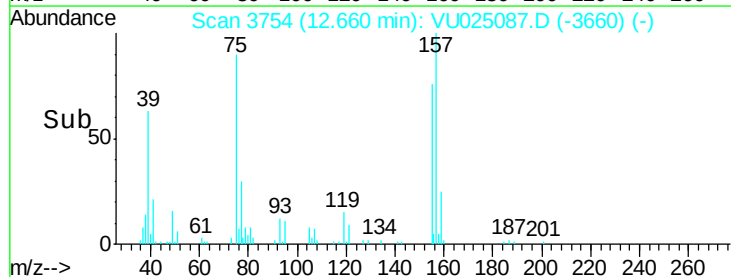
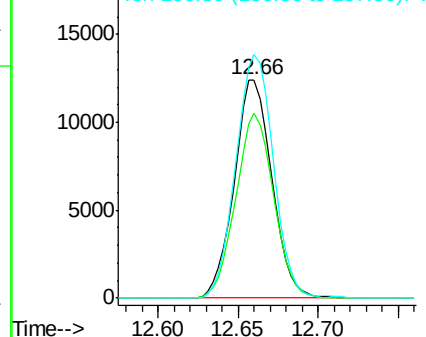


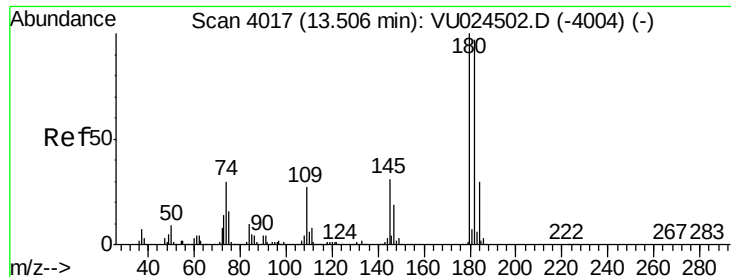
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





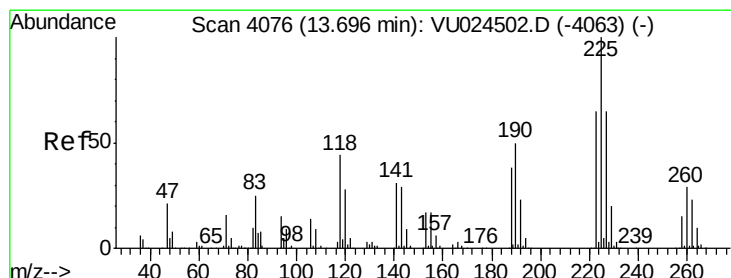
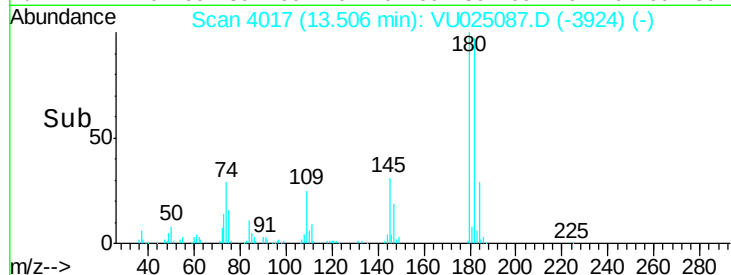
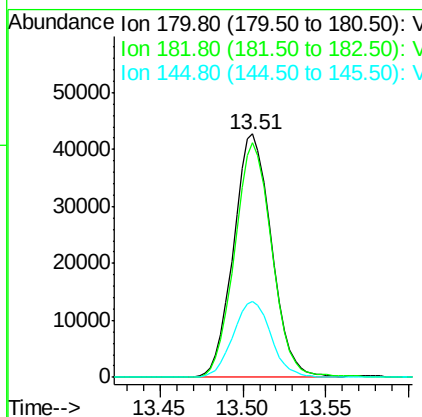
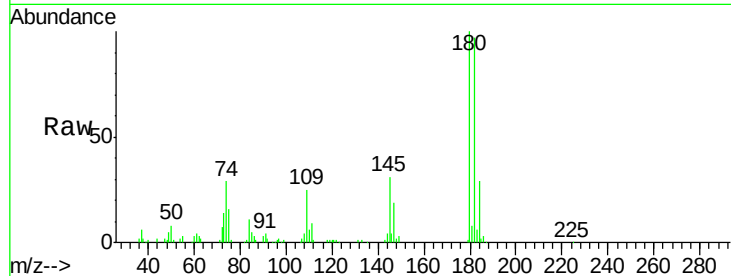
#93
 1,2,4-Trichlorobenzene
 Concen: 21.66 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	31.3	14.7	44.1

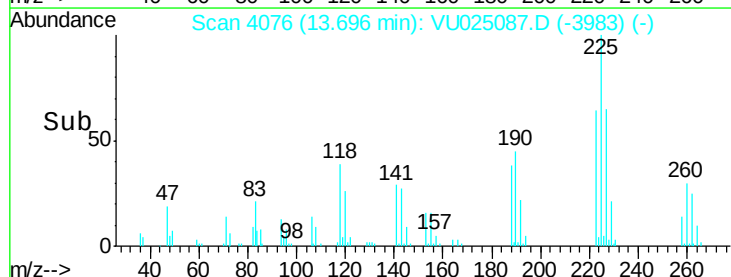
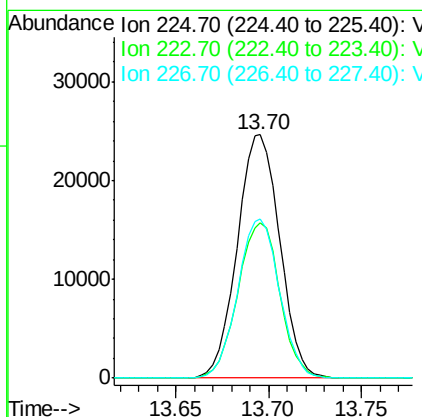
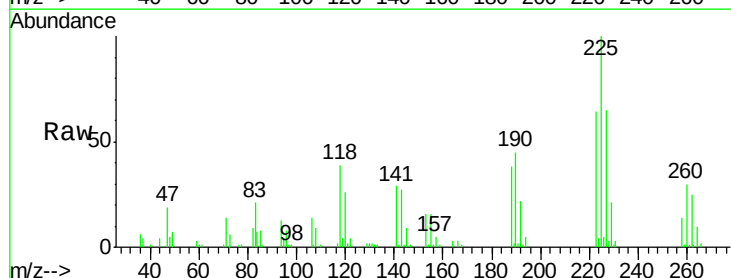
Manual Integrations
 APPROVED

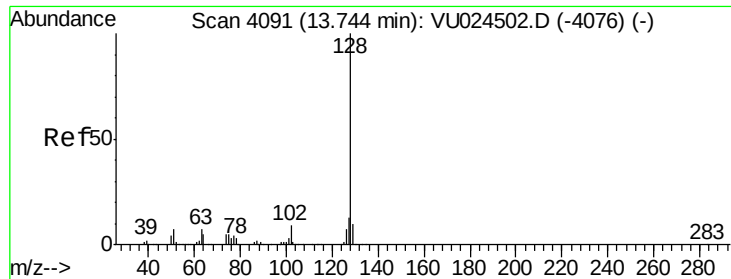
apatel
 7/2/2018 4:17:06 PM



#94
 Hexachlorobutadiene
 Concen: 22.24 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	64.0	31.8	95.4





#95

Naphthalene

Concen: 21.29 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

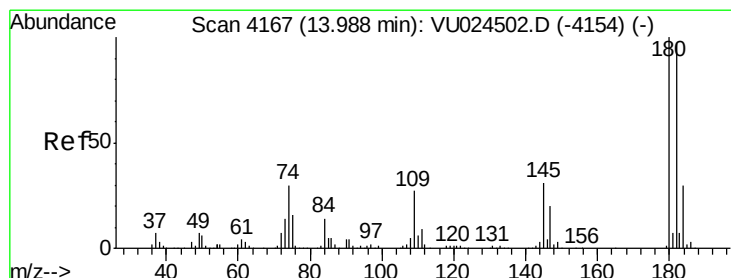
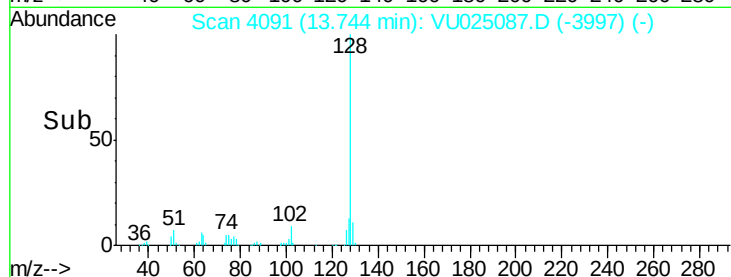
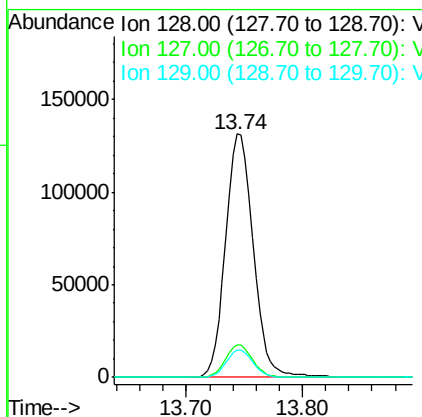
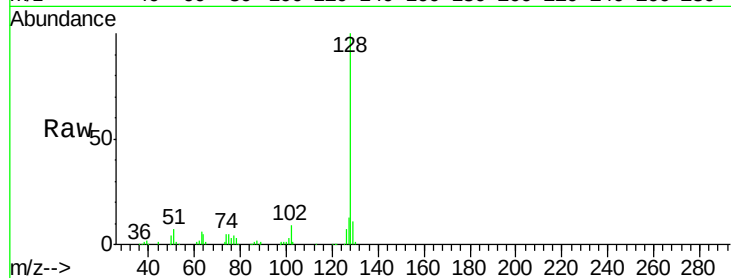
ClientSampleId :

VU0630WBSD01

Tot Ion:	128	Resp:	217230
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations
APPROVED

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7/2/2018 4:17:06 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.91 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion:	180	Resp:	71683
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.9	143.7
145	31.9	15.4	46.1

