

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024875.D
 Acq On : 25 Jun 2018 15:19
 Operator : MD/SY
 Sample : VU0625MBS01
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Manual Integrations
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 6/27/2018 11:19:47 AM

Quant Time: Jun 26 07:03:37 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	181043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272705	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148344	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	141075	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	4.89	113	111365	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	7.57	98	392593	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	10.31	95	153074	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40532	17.89	ug/l	99
3) Chloromethane	1.33	50	40656	17.56	ug/l	98
4) Vinyl Chloride	1.40	62	43321	18.14	ug/l	98
5) Bromomethane	1.62	94	27237	23.60	ug/l	98
6) Chloroethane	1.70	64	29454	21.48	ug/l	99
7) Trichlorofluoromethane	1.89	101	72035	19.77	ug/l	98
8) Diethyl Ether	2.10	74	27162	20.81	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	40519	17.92	ug/l	94
10) Methyl Iodide	2.41	142	33109	20.76	ug/l	99
11) Tert butyl alcohol	2.82	59	60972	84.82	ug/l	100
12) 1,1-Dichloroethene	2.28	96	37358	18.12	ug/l	93
13) Acrolein	2.19	56	20490	54.28	ug/l	94
14) Allyl chloride	2.60	41	65554	17.13	ug/l	98
15) Acrylonitrile	2.94	53	132791	94.95	ug/l	99
16) Acetone	2.32	43	144174	90.79	ug/l	100
17) Carbon Disulfide	2.48	76	103488	15.68	ug/l	100
18) Methyl Acetate	2.62	43	70774	20.79	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	150107	19.37	ug/l	95
20) Methylene Chloride	2.70	84	45374	18.21	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	40236	17.72	ug/l	96
22) Diisopropyl ether	3.57	45	145775	19.21	ug/l	95
23) Vinyl Acetate	3.53	43	639453	94.08	ug/l	99
24) 1,1-Dichloroethane	3.45	63	83635	19.16	ug/l	98
25) 2-Butanone	4.26	43	205503	96.34	ug/l	99
26) 2,2-Dichloropropane	4.23	77	79104	19.09	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	49891	19.11	ug/l	100
28) Bromochloromethane	4.55	49	35581	18.51	ug/l	89
29) Tetrahydrofuran	4.63	42	121959	92.33	ug/l	96
30) Chloroform	4.68	83	90139	20.40	ug/l	98
31) Cyclohexane	5.00	56	75475	18.22	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	80379	19.67	ug/l	97
36) 1,1-Dichloropropene	5.14	75	59212	18.48	ug/l	97
37) Ethyl Acetate	4.38	43	72525	20.76	ug/l	98
38) Carbon Tetrachloride	5.14	117	69894	19.83	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	74852	18.72	ug/l	96
40) Benzene	5.39	78	181640	19.89	ug/l	100
41) Methacrylonitrile	4.55	41	40059	21.27	ug/l	96
42) 1,2-Dichloroethane	5.41	62	72293	20.79	ug/l	100
43) Isopropyl Acetate	5.55	43	118099	19.56	ug/l	99
44) Trichloroethene	6.19	130	50004	19.24	ug/l	97
45) 1,2-Dichloropropane	6.44	63	49629	20.37	ug/l	98
46) Dibromomethane	6.56	93	34709	20.28	ug/l	95
47) Bromodichloromethane	6.76	83	68088	19.98	ug/l	98
48) Methyl methacrylate	6.63	41	59731	20.32	ug/l	97
49) 1,4-Dioxane	6.62	88	25603	445.34	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	383950	101.23	ug/l	99
52) Toluene	7.64	92	116145	19.77	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72324	18.90	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	76421	18.74	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	49112	20.57	ug/l	96
56) Ethyl methacrylate	8.02	69	80173	20.06	ug/l	99
57) 1,3-Dichloropropane	8.25	76	82701	20.53	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	34735	22.68	ug/l	95
59) 2-Hexanone	8.36	43	303025	97.86	ug/l	99
60) Dibromochloromethane	8.48	129	56646	19.02	ug/l	98
61) 1,2-Dibromoethane	8.59	107	51589	19.41	ug/l	95
64) Tetrachloroethene	8.23	164	46187	19.08	ug/l	96
65) Chlorobenzene	9.12	112	132762	20.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51727	20.92	ug/l	98
67) Ethyl Benzene	9.25	91	225659	19.78	ug/l	98
68) m/p-Xylenes	9.38	106	176170	40.22	ug/l	96
69) o-Xylene	9.78	106	88259	20.36	ug/l	95
70) Styrene	9.80	104	142631	20.02	ug/l	99
71) Bromoform	9.96	173	43390	18.47	ug/l #	99
73) Isopropylbenzene	10.17	105	239223	21.00	ug/l	100
74) N-amyl acetate	10.01	43	104235	19.24	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82486	21.61	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	72445m	22.18	ug/l	
77) Bromobenzene	10.46	156	60484	20.98	ug/l	95
78) n-propylbenzene	10.59	91	266177	19.84	ug/l	98
79) 2-Chlorotoluene	10.66	91	162716	20.57	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	203310	20.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	24188m	17.14	ug/l	
82) 4-Chlorotoluene	10.78	91	184220	20.01	ug/l	99
83) tert-Butylbenzene	11.10	119	204770	21.56	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	205746	20.45	ug/l	100
85) sec-Butylbenzene	11.33	105	244989	20.61	ug/l	99
86) p-Isopropyltoluene	11.48	119	214413	20.14	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108765	20.42	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	108208	20.18	ug/l	98
89) n-Butylbenzene	11.89	91	172862	18.29	ug/l	97
90) Hexachloroethane	12.15	117	37813	18.21	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	112017	20.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20244	19.22	ug/l	91

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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)
93) 1,2,4-Trichlorobenzene	13.51	180	70256	21.32	ug/l	100
94) Hexachlorobutadiene	13.70	225	37042	19.97	ug/l	95
95) Naphthalene	13.74	128	231790	21.64	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	73996	22.54	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: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion:168 Resp: 181043

Ion Ratio Lower Upper

168 100

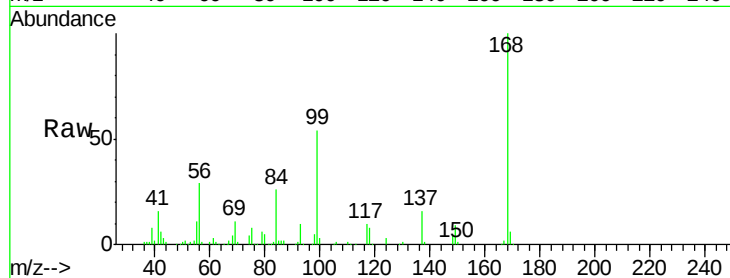
99 54.1 43.2 64.8

Manual Integrations

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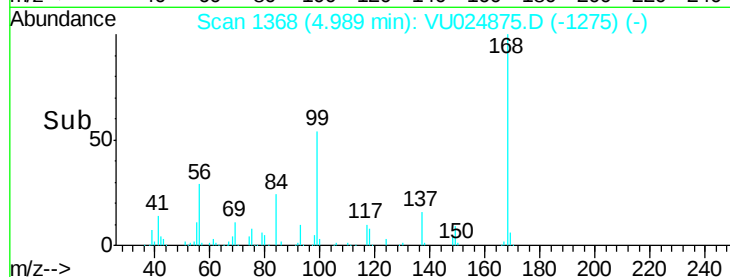
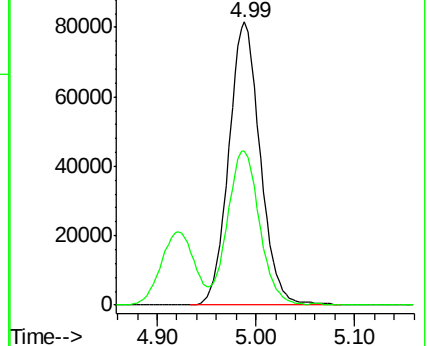
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 17.89 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024875.D

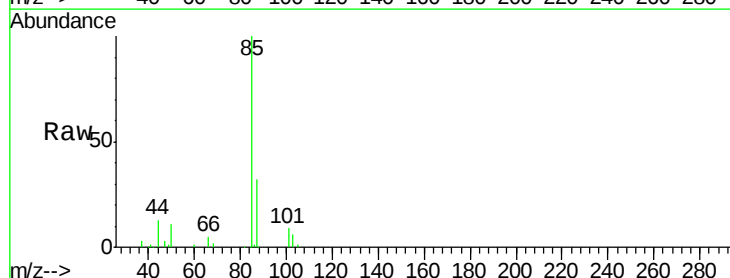
Acq: 25 Jun 2018 15:19

Tgt Ion: 85 Resp: 40532

Ion Ratio Lower Upper

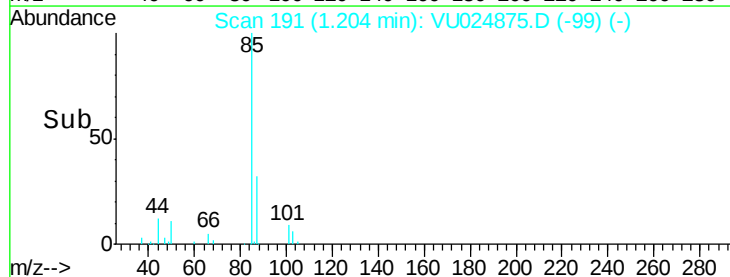
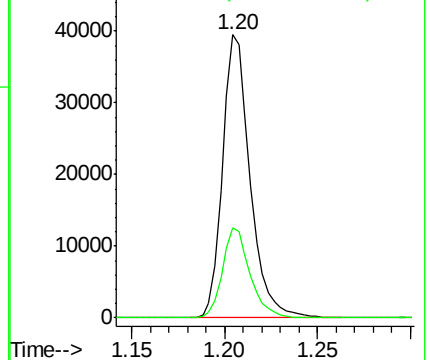
85 100

87 31.7 16.1 48.2



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

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





#3

Chloromethane

Concen: 17.56 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 50 Resp: 40656

Ion Ratio Lower Upper

50 100

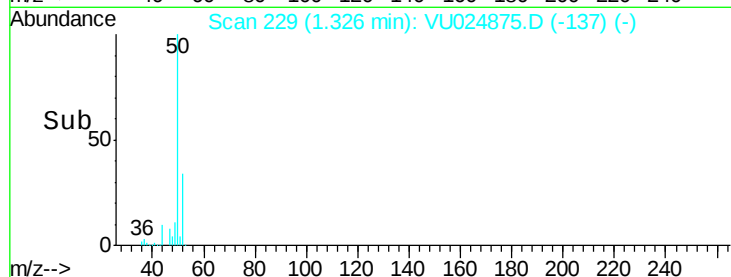
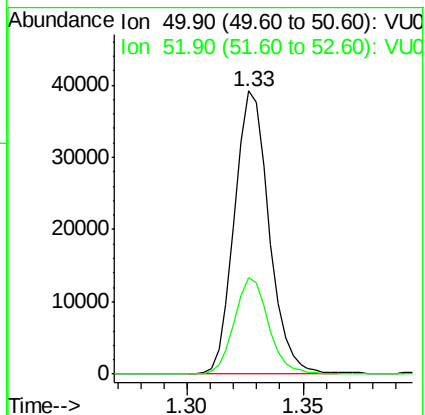
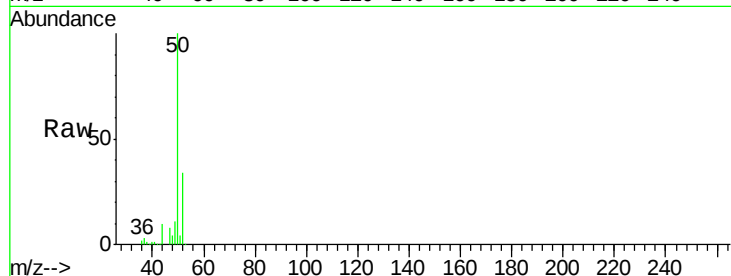
52 34.1 26.4 39.6

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#4

Vinyl Chloride

Concen: 18.14 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024875.D

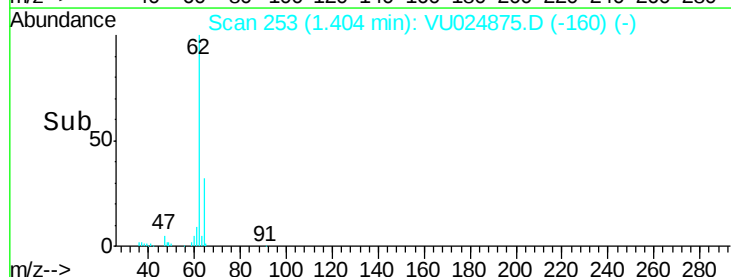
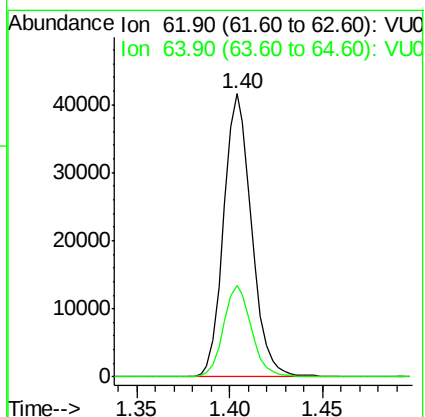
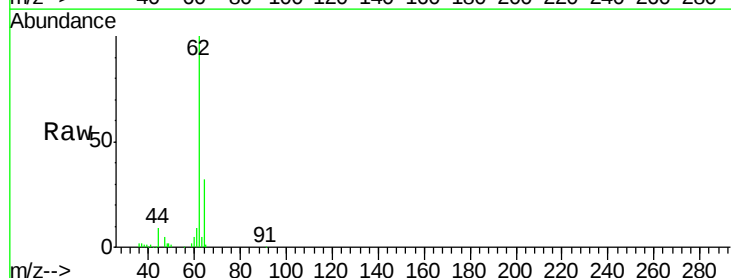
Acq: 25 Jun 2018 15:19

Tgt Ion: 62 Resp: 43321

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 23.60 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 94 Resp: 27237

Ion Ratio Lower Upper

94 100

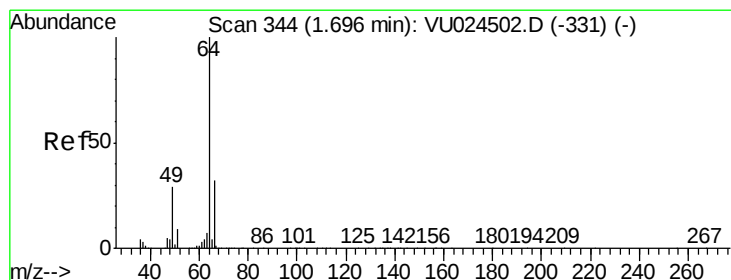
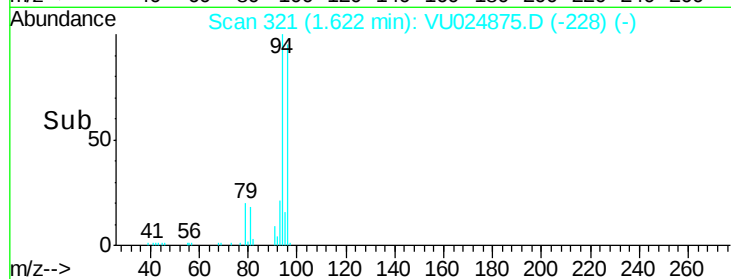
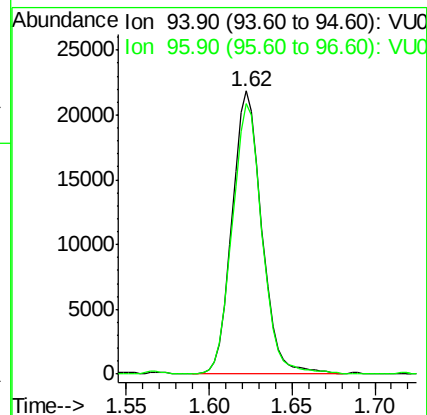
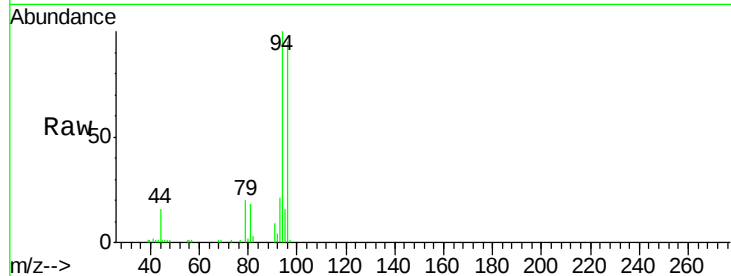
96 95.5 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 21.48 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024875.D

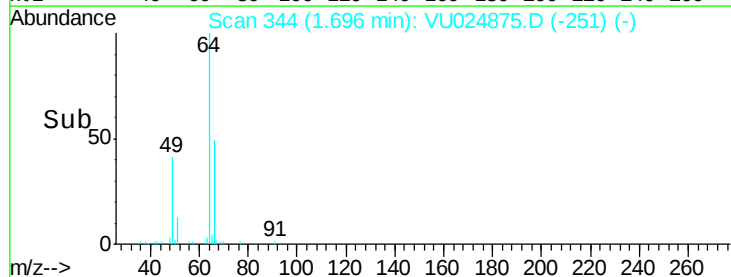
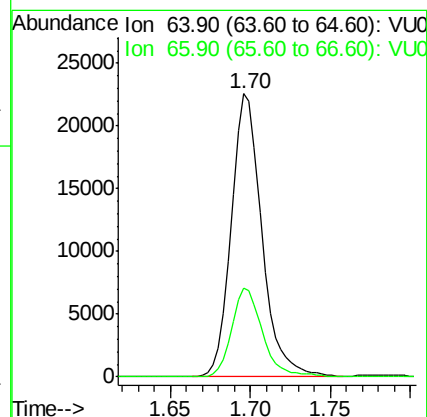
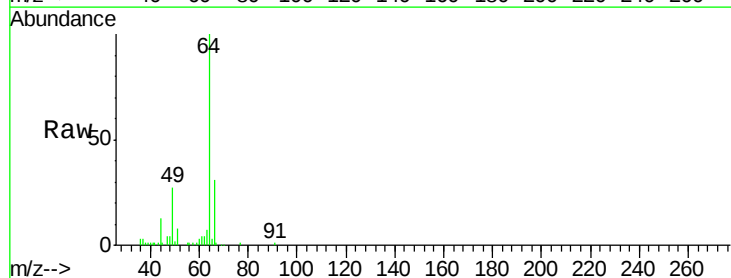
Acq: 25 Jun 2018 15:19

Tgt Ion: 64 Resp: 29454

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3





#7

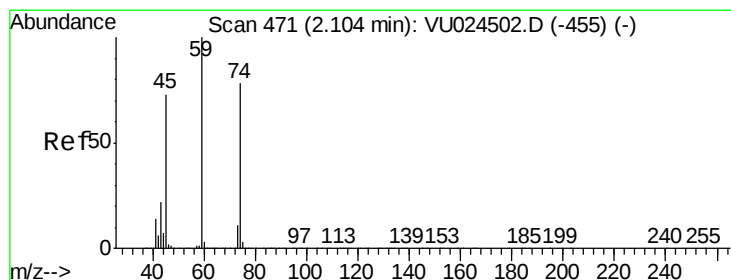
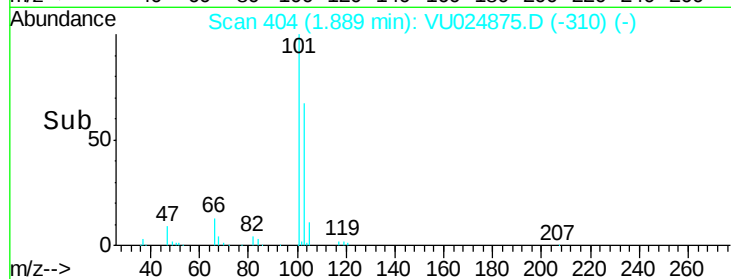
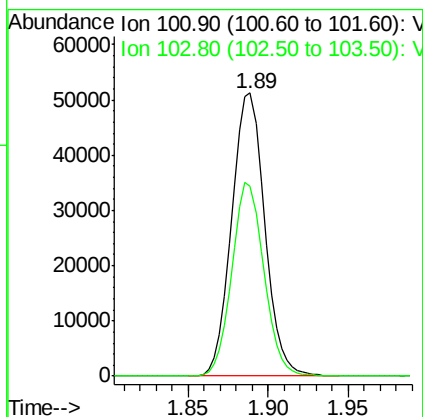
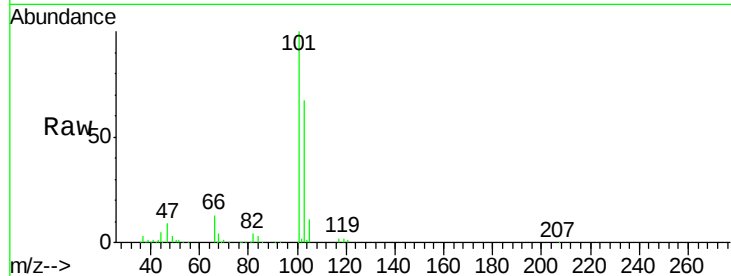
Trichlorofluoromethane
Concen: 19.77 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Instrument :
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ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	52.3	78.5

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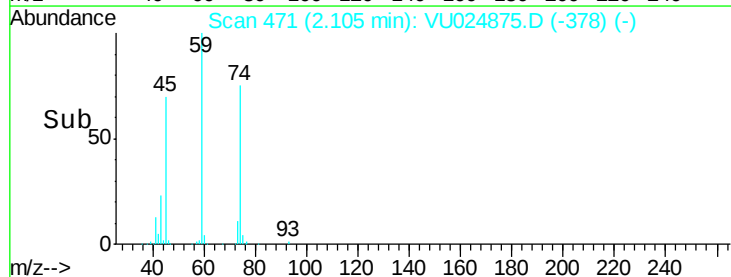
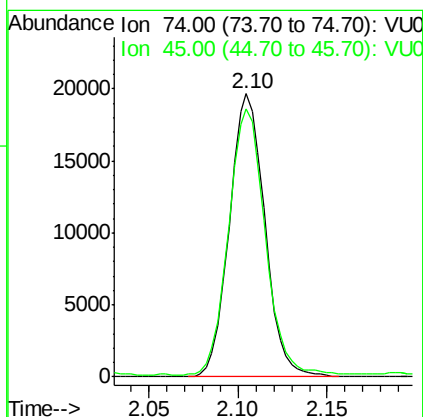
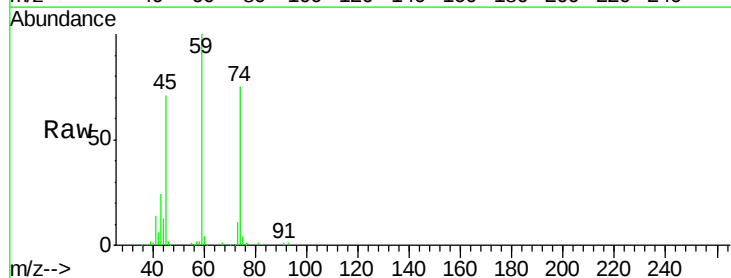
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#8

Diethyl Ether
Concen: 20.81 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.92 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

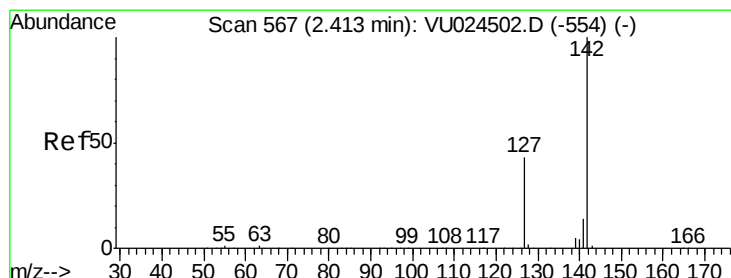
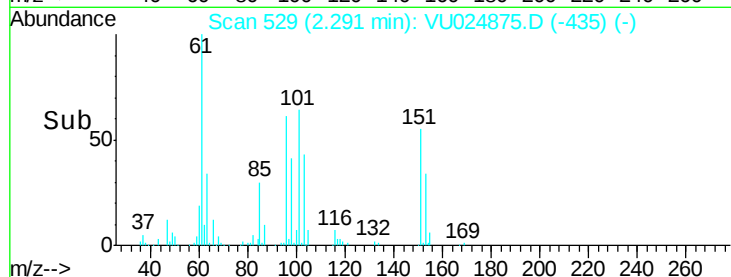
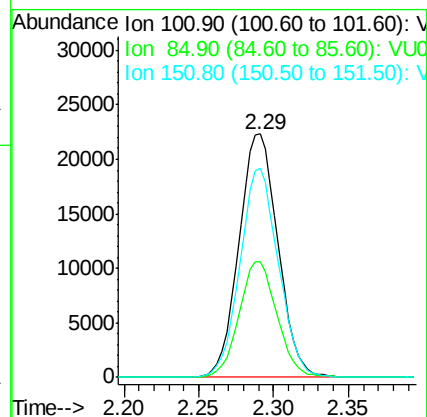
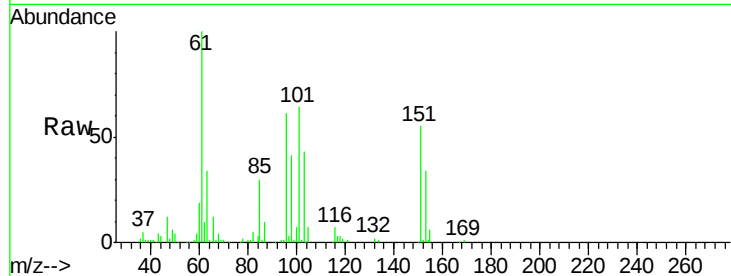
ClientSampleId :

VU0625MBS01

Tot Ion:	101	Resp:	40519
Ion Ratio	Lower	Upper	
101	100		
85	46.2	36.0	54.0
151	84.6	62.3	93.5

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#10

Methyl Iodide

Concen: 20.76 ug/l

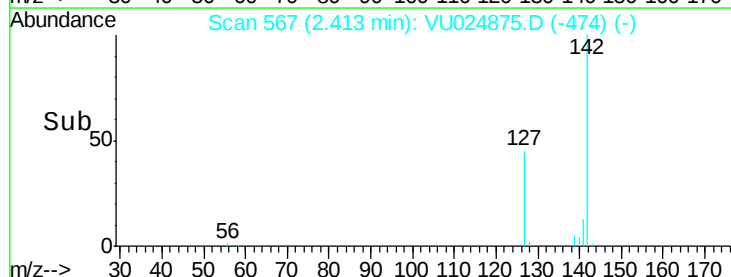
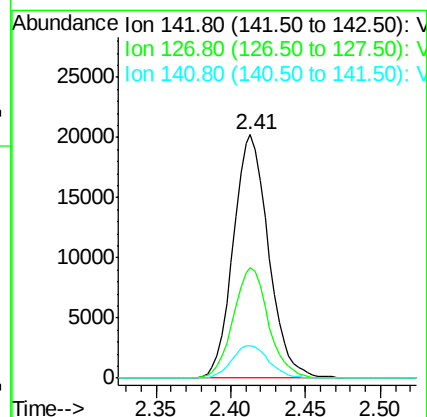
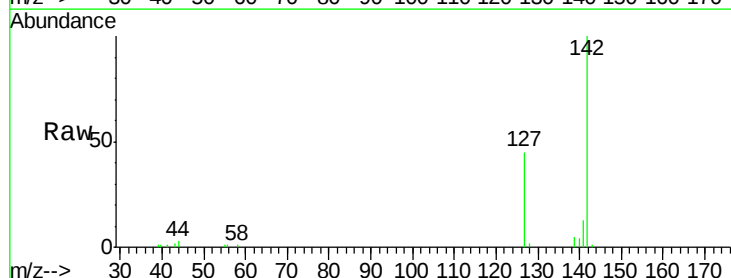
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion:	142	Resp:	33109
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.6	53.4
141	13.9	11.7	17.5





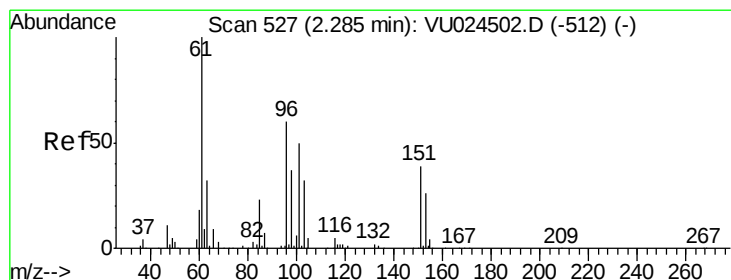
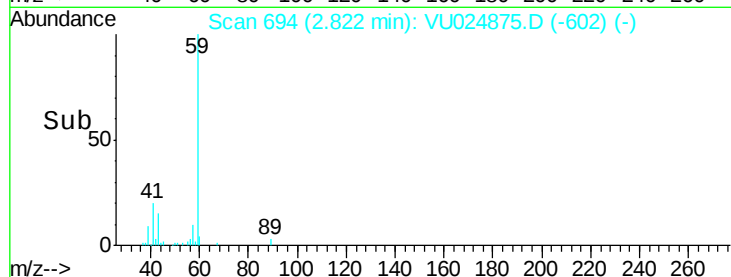
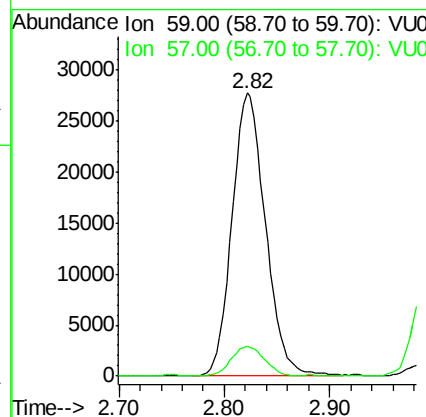
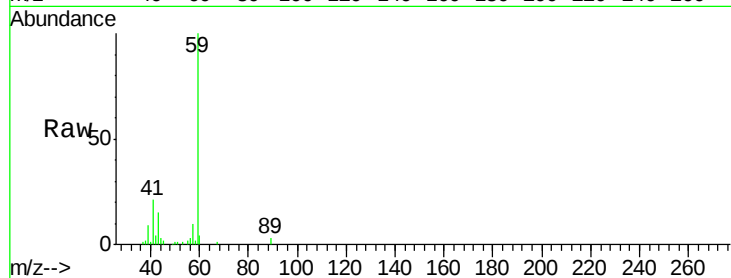
#11
Tert butyl alcohol
Concen: 84.82 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

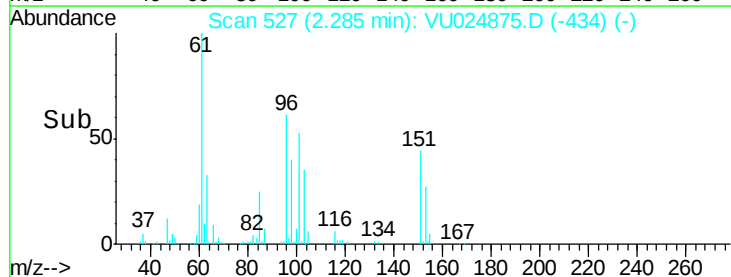
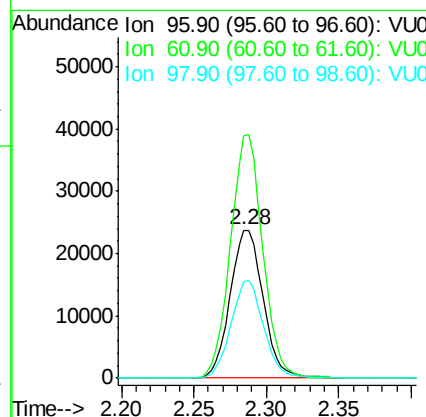
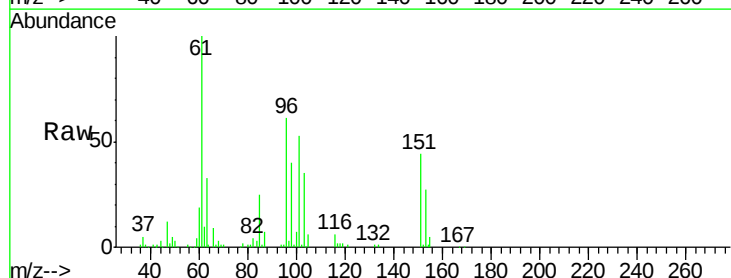
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#12
1,1-Dichloroethene
Concen: 18.12 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.6	141.7	212.5
98	65.2	51.6	77.4





#13

Acrolein

Concen: 54.28 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 56 Resp: 20490

Ion Ratio Lower Upper

56 100

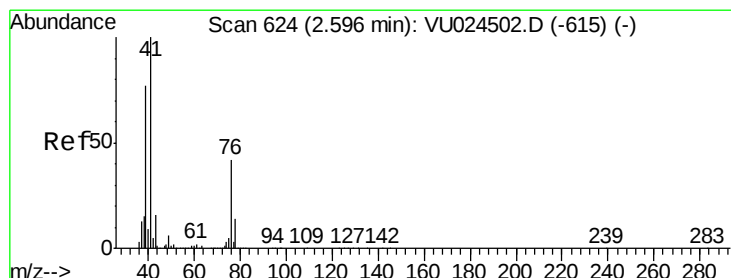
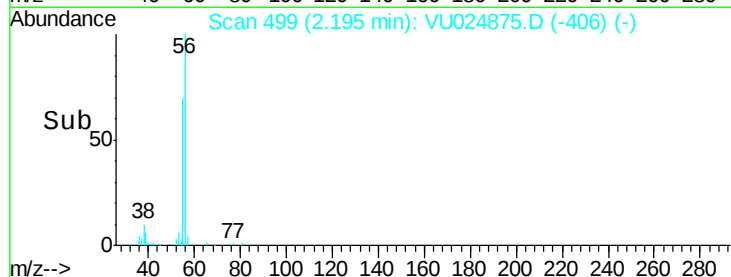
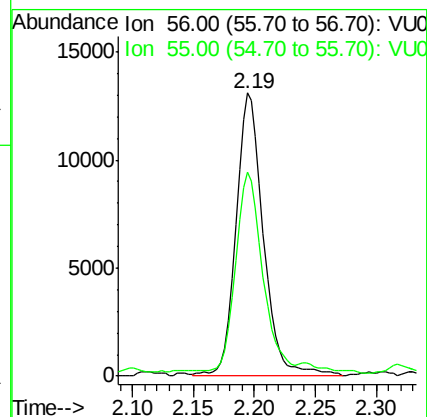
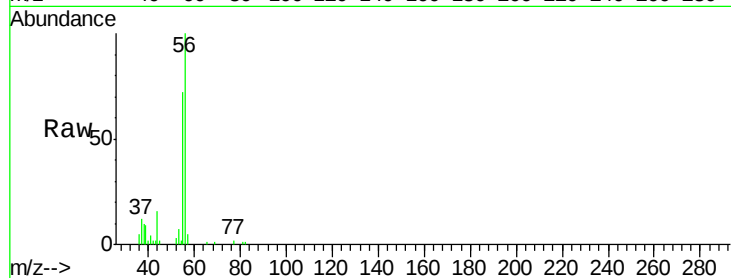
55 67.8 58.4 87.6

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#14

Allyl chloride

Concen: 17.13 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

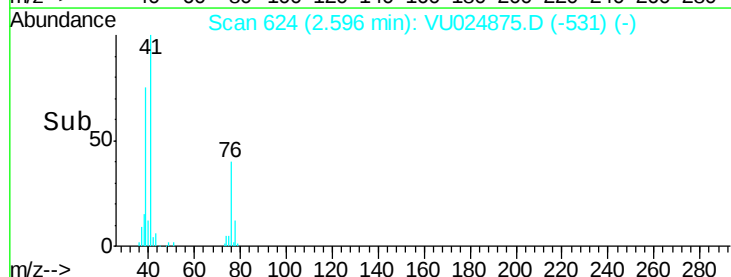
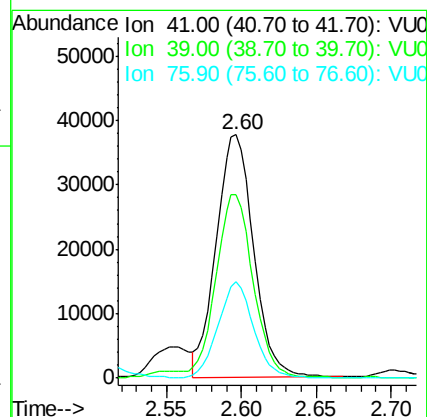
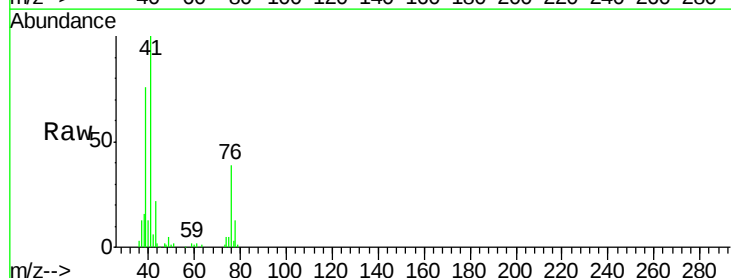
Tgt Ion: 41 Resp: 65554

Ion Ratio Lower Upper

41 100

39 75.0 61.6 92.4

76 38.1 29.7 44.5





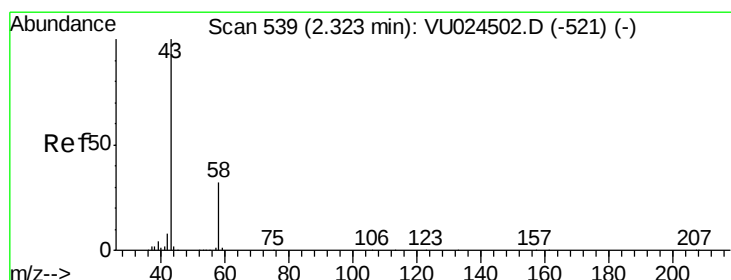
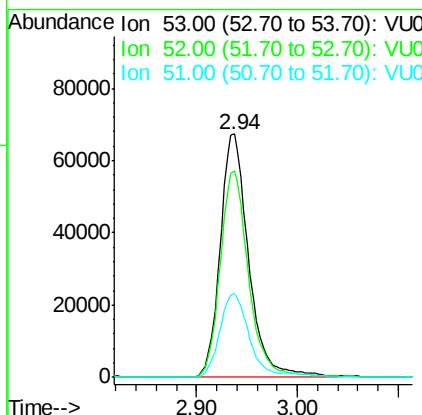
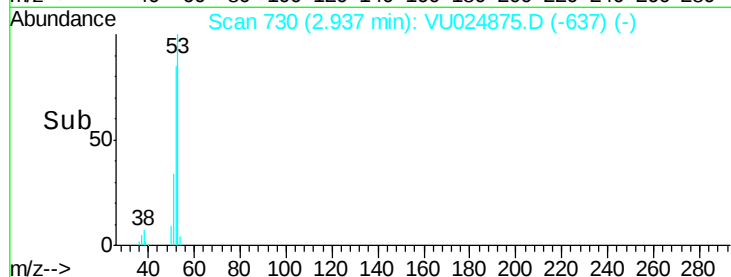
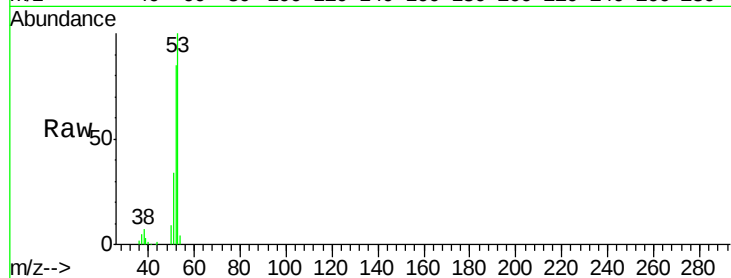
#15
 Acrylonitrile
 Concen: 94.95 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Tot Ion:	53	Resp:	132791
Ion Ratio	Lower	Upper	
53	100		
52	84.3	67.1	100.7
51	36.4	28.4	42.6

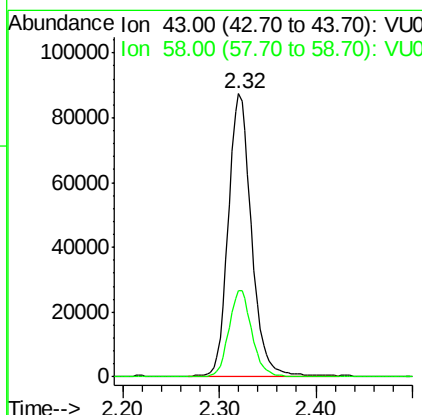
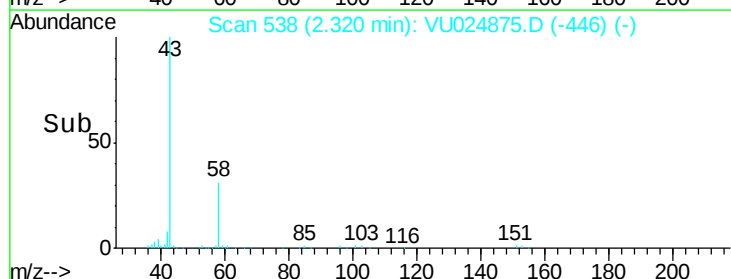
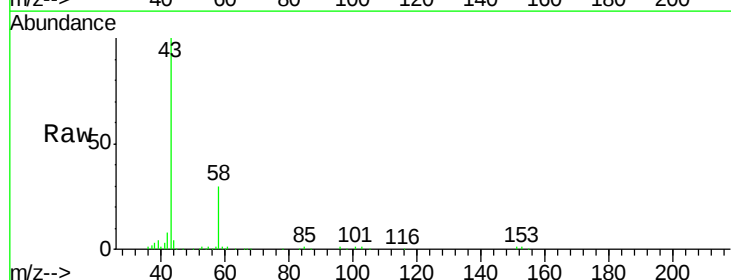
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#16
 Acetone
 Concen: 90.79 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion:	43	Resp:	144174
Ion Ratio	Lower	Upper	
43	100		
58	30.6	24.4	36.6





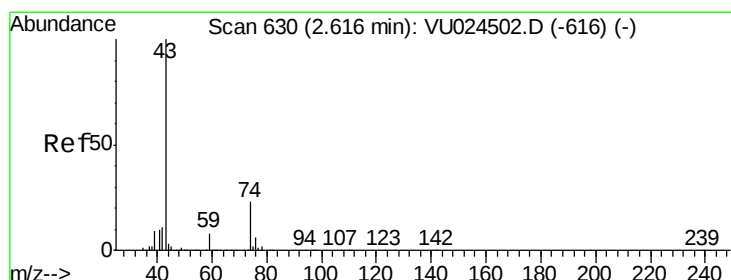
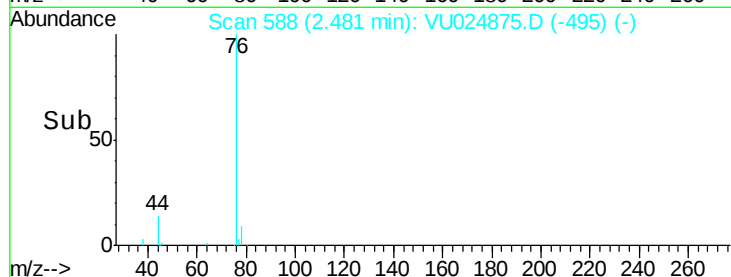
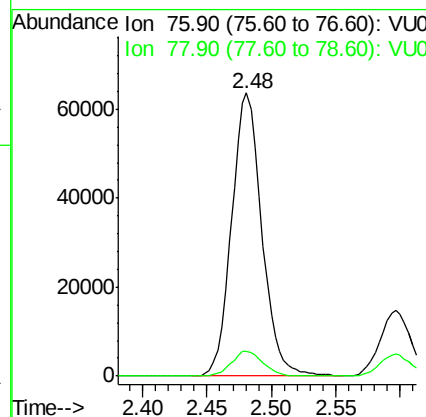
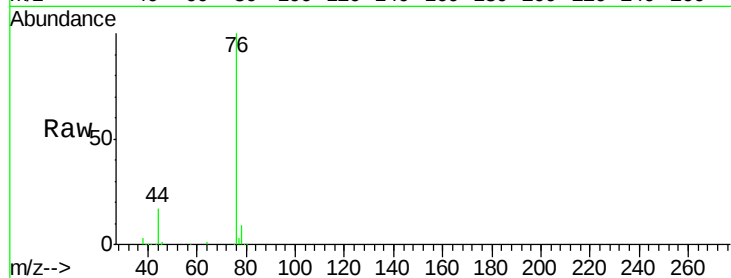
#17
Carbon Disulfide
Concen: 15.68 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

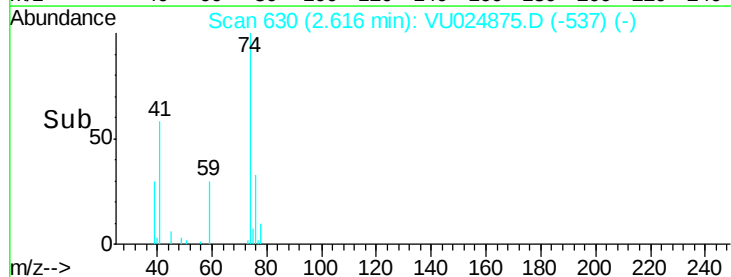
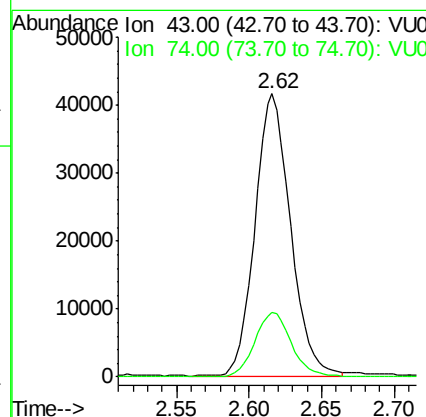
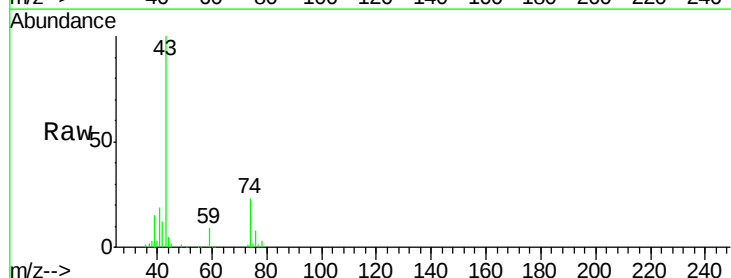
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#18
Methyl Acetate
Concen: 20.79 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.0	27.0





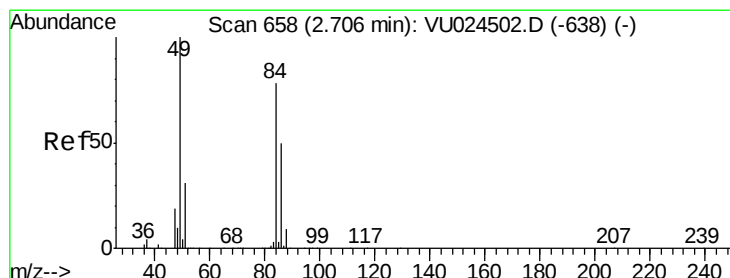
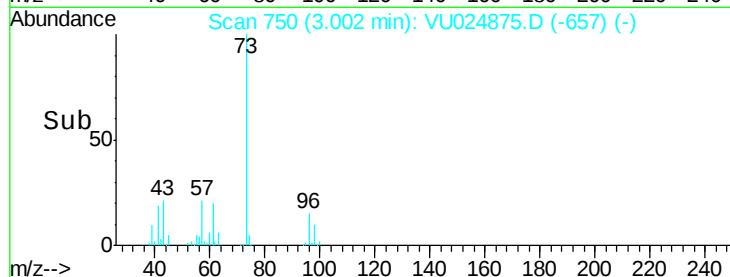
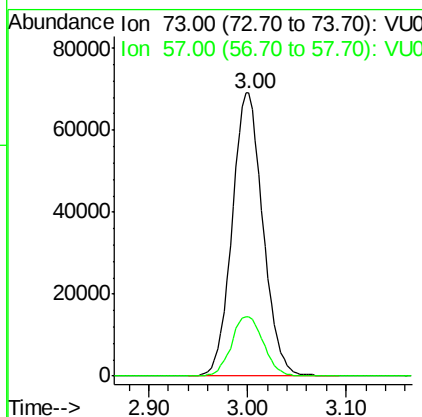
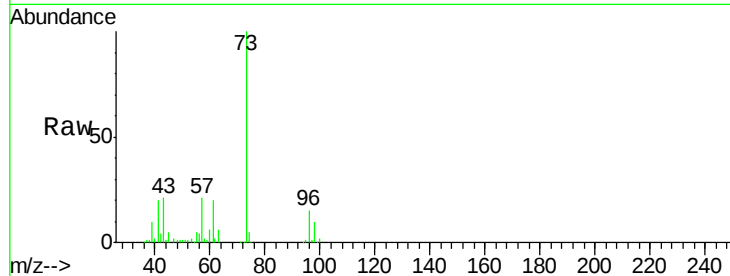
#19
Methvl tert-butvl Ether
Concen: 19.37 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.8	28.2

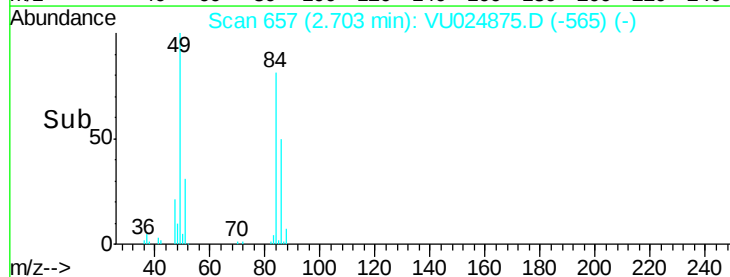
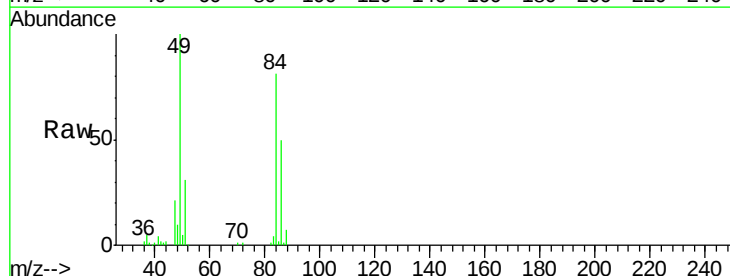
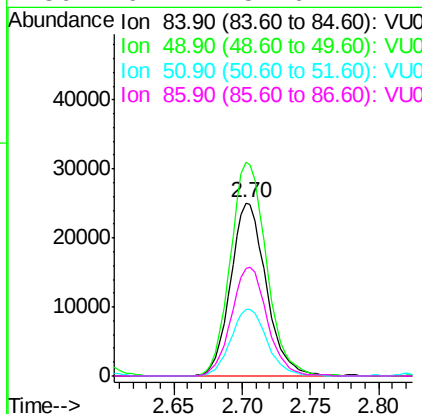
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#20
Methylene Chloride
Concen: 18.21 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.5	103.8	155.8
51	38.4	32.0	48.0
86	62.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 17.72 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

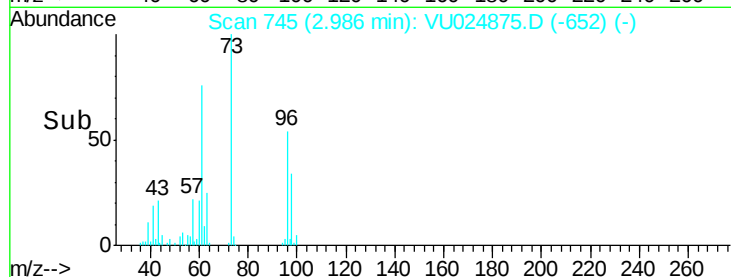
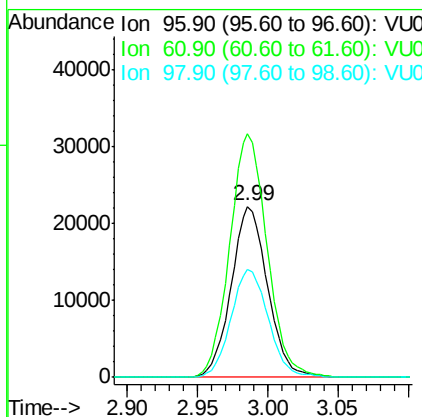
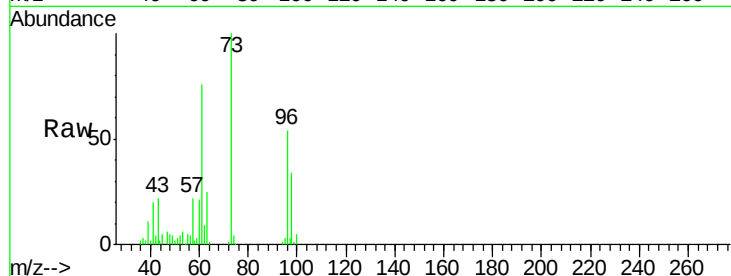
ClientSampleId :

VU0625MBS01

Tot Ion:	96	Resp:	40236
Ion	Ratio	Lower	Upper
96	100		
61	142.5	119.4	179.0
98	63.2	51.1	76.7

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#22

Diisopropyl ether

Concen: 19.21 ug/l

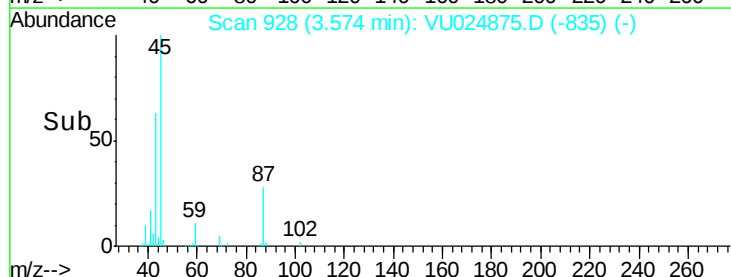
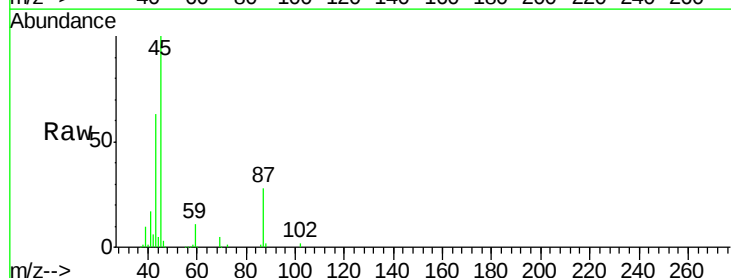
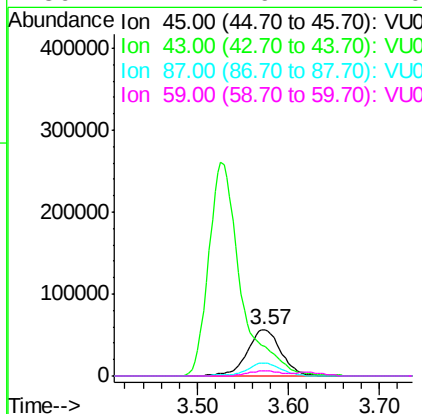
RT: 3.57 min Scan# 928

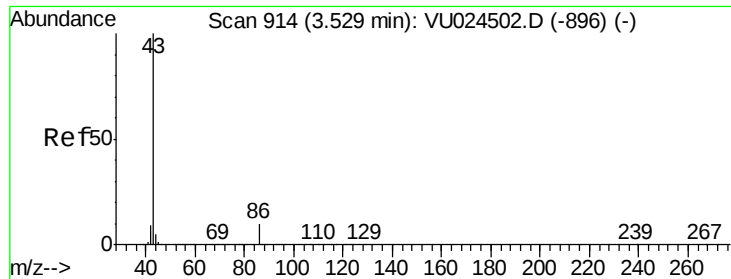
Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion:	45	Resp:	145775
Ion	Ratio	Lower	Upper
45	100		
43	61.3	45.8	68.6
87	28.4	20.6	31.0
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 94.08 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 43 Resp: 639453

Ion Ratio Lower Upper

43 100

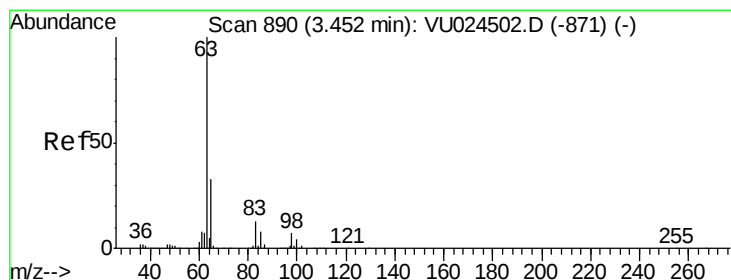
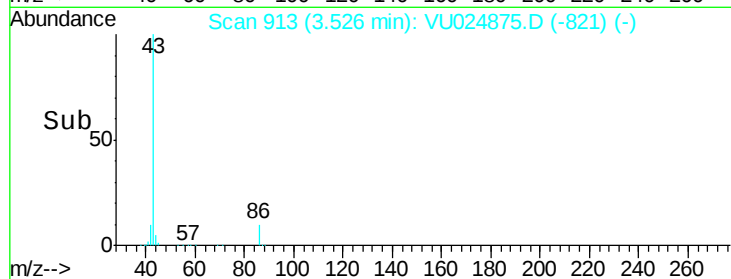
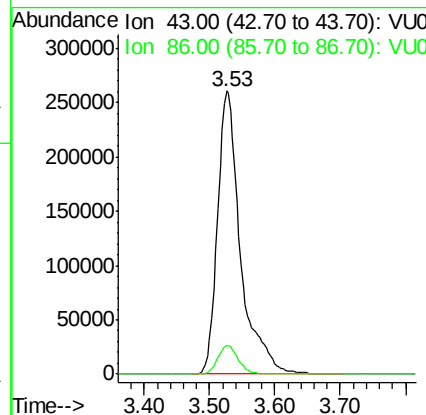
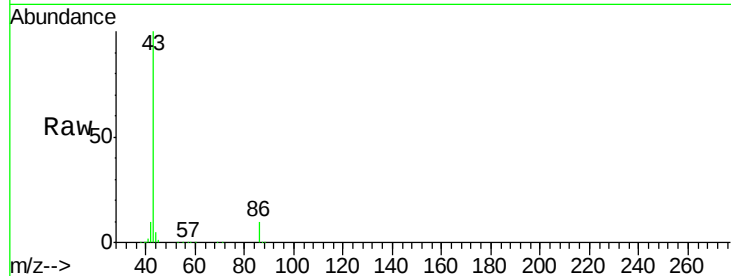
86 10.1 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 19.16 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

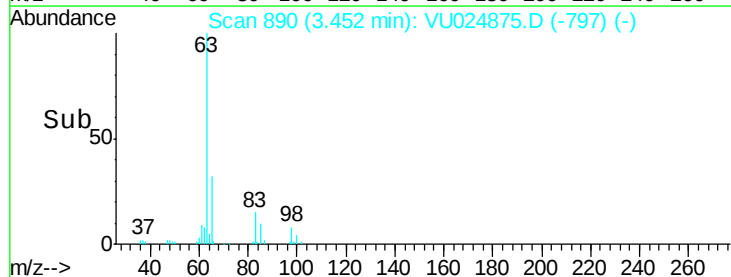
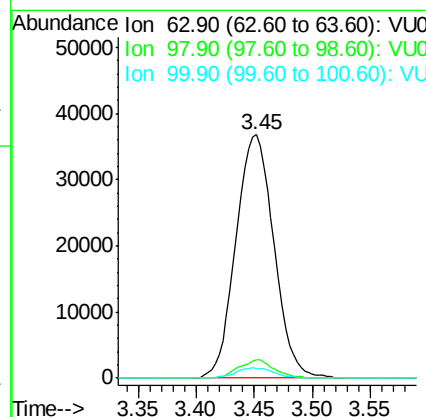
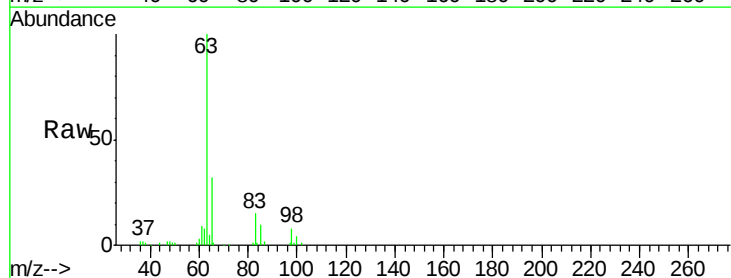
Tgt Ion: 63 Resp: 83635

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 96.34 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 43 Resp: 205503

Ion Ratio Lower Upper

43 100

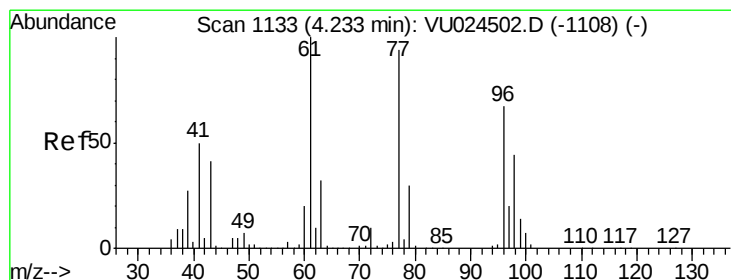
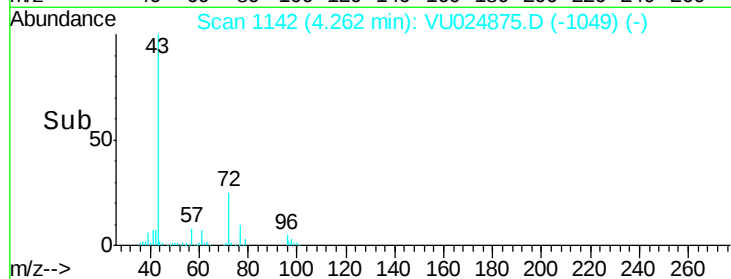
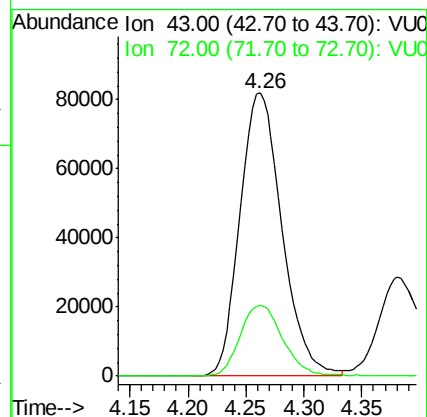
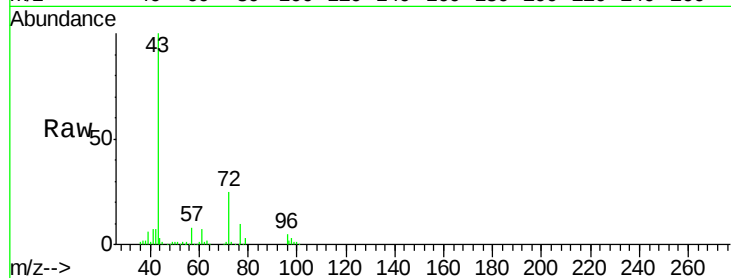
72 25.0 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 19.09 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024875.D

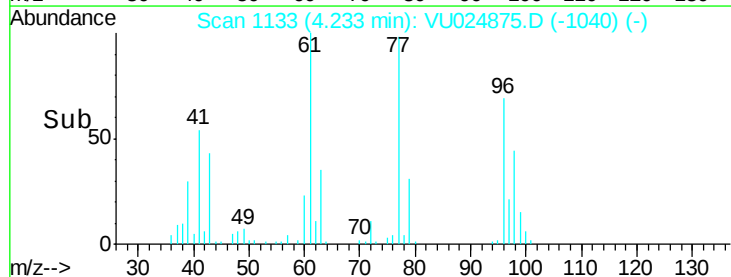
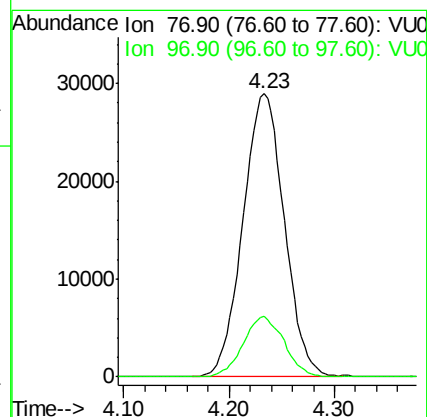
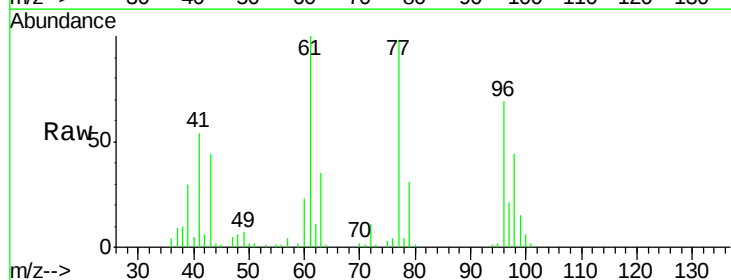
Acq: 25 Jun 2018 15:19

Tgt Ion: 77 Resp: 79104

Ion Ratio Lower Upper

77 100

97 21.1 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.11 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

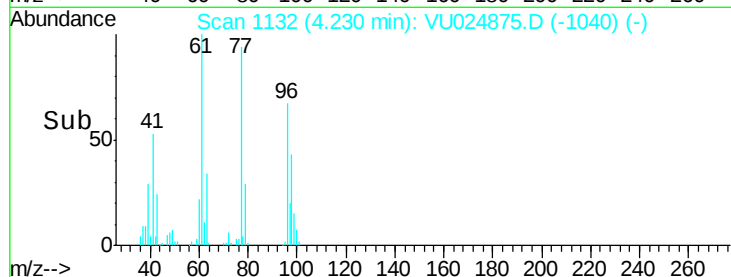
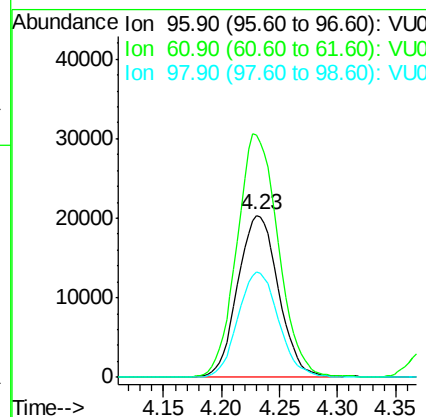
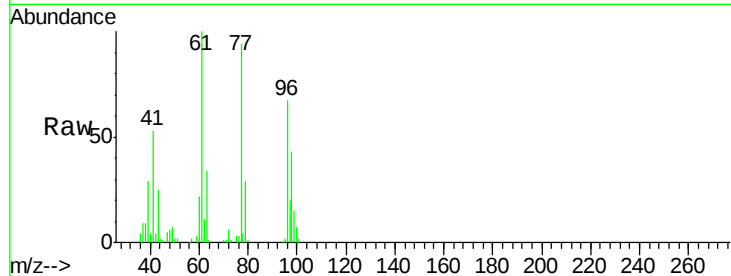
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	306.6
98	64.5	0.0	128.8

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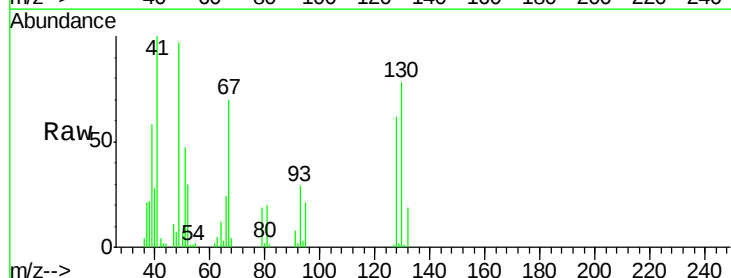
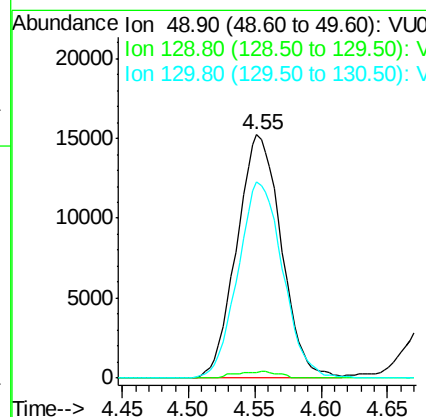
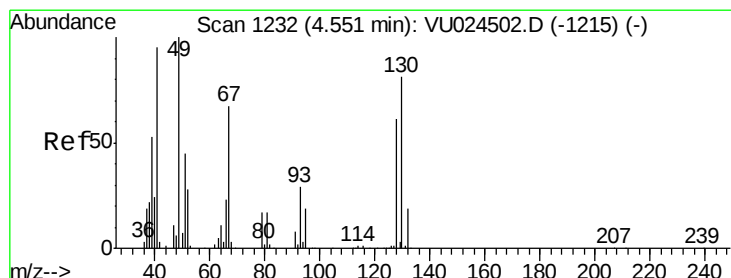
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#28
 Bromochloromethane
 Concen: 18.51 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.8
130	81.2	57.8	86.6





#29
Tetrahydrofuran
Concen: 92.33 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

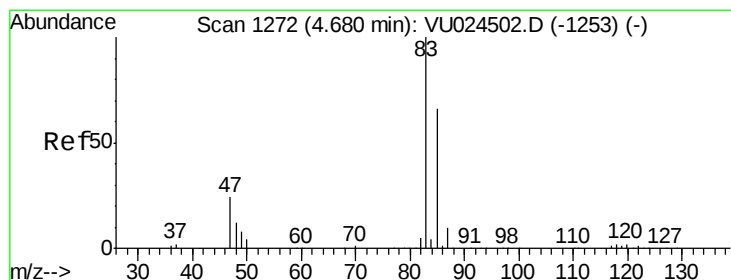
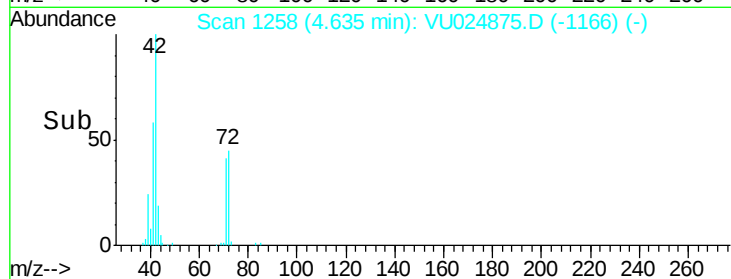
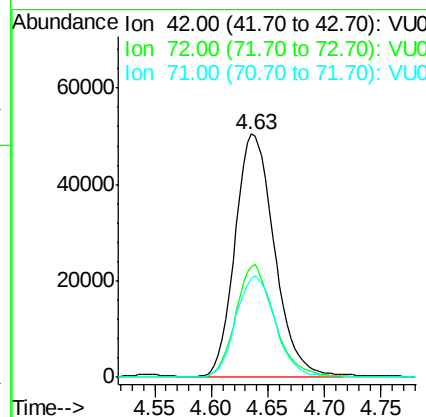
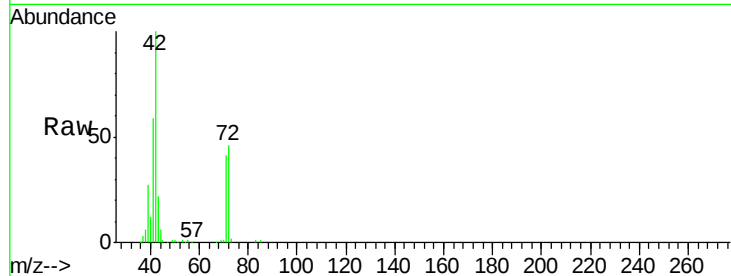
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion:	42	Resp:	121959
Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.5	51.7
71	42.4	32.2	48.4

Manual Integrations
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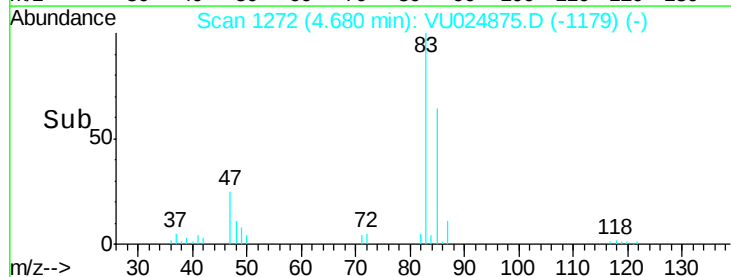
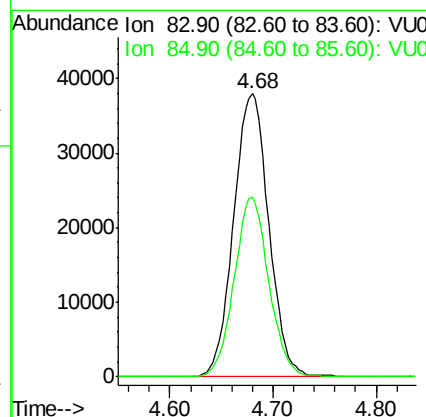
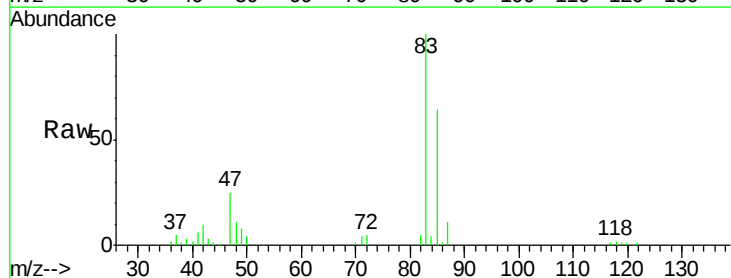
anatel

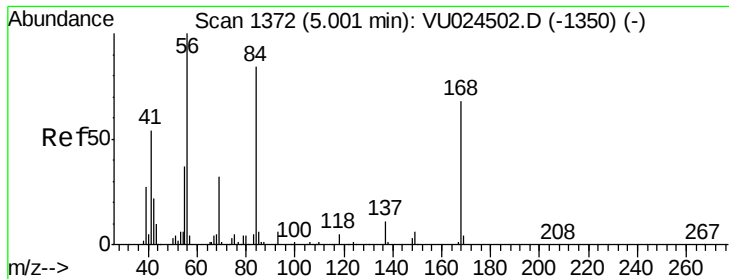
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#30
Chloroform
Concen: 20.40 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion:	83	Resp:	90139
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.4	78.6





#31
Cyclohexane
Concen: 18.22 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

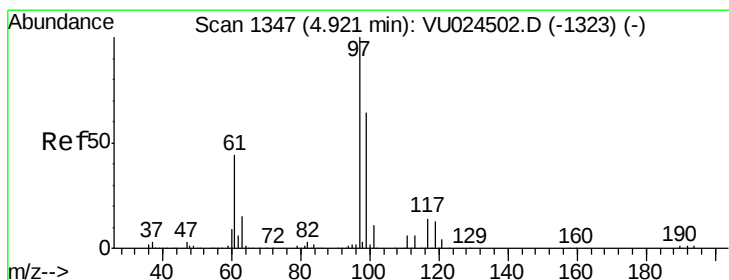
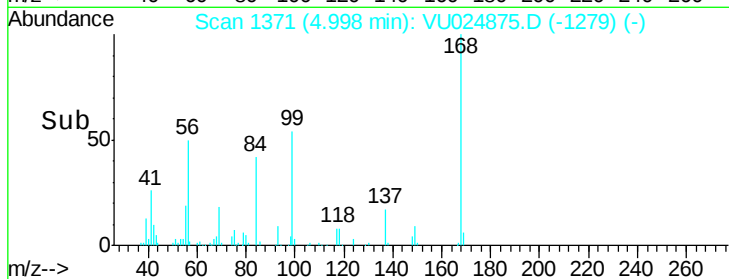
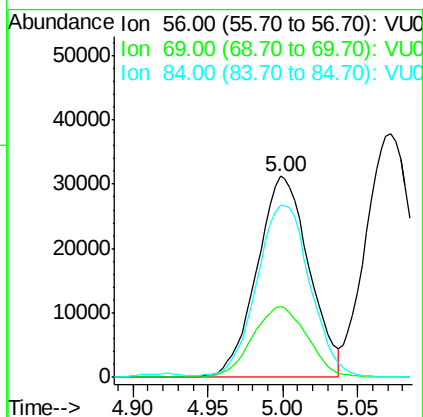
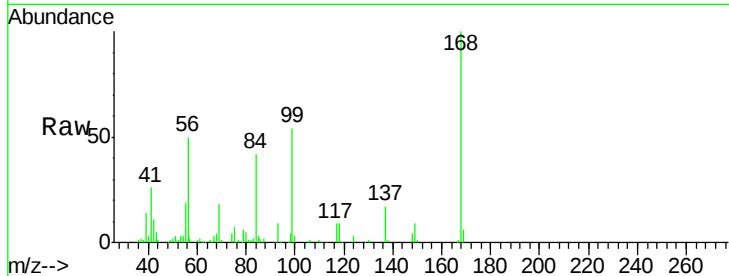
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.4	24.8	37.2
84	84.6	65.2	97.8

Manual Integrations
APPROVED

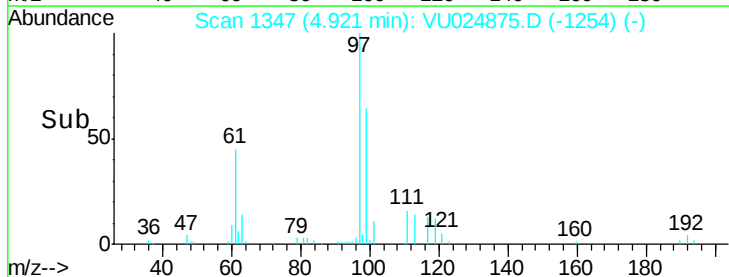
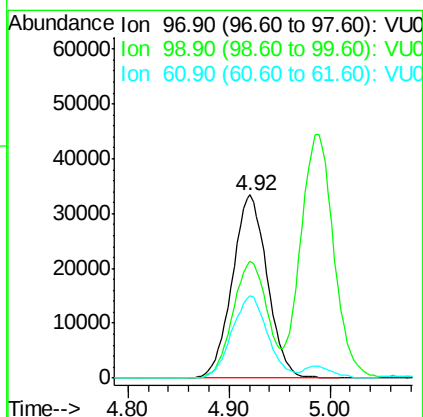
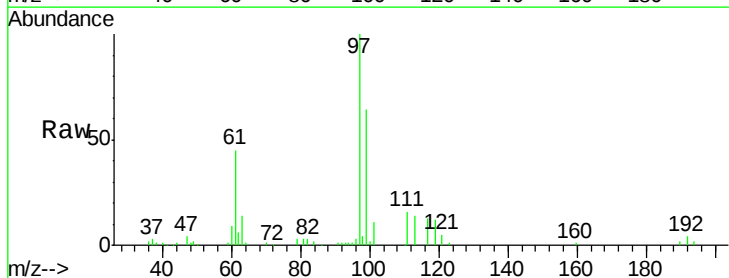
anatel

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#32
1,1,1-Trichloroethane
Concen: 19.67 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.0	76.6
61	45.8	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 47.73 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tot Ion: 65 Resp: 141075

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.0

Instrument :

MSVOA_U

ClientSampleId :

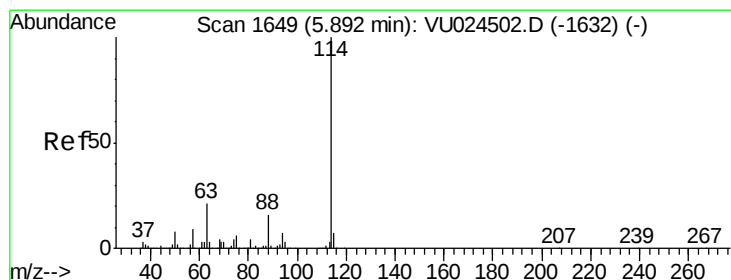
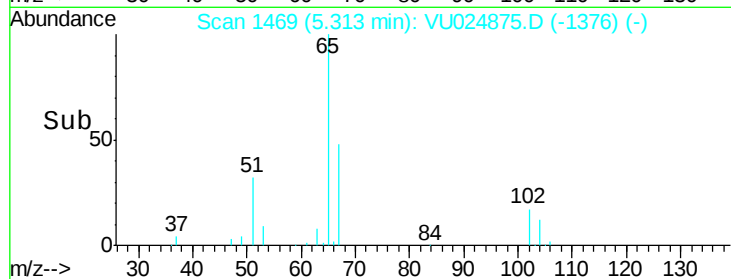
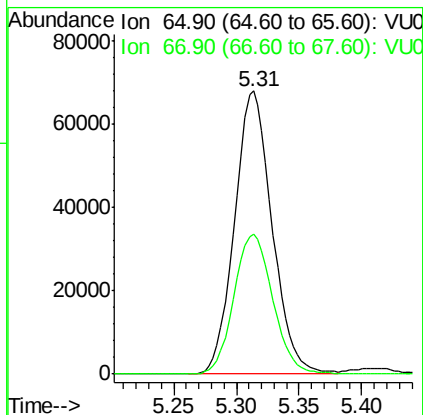
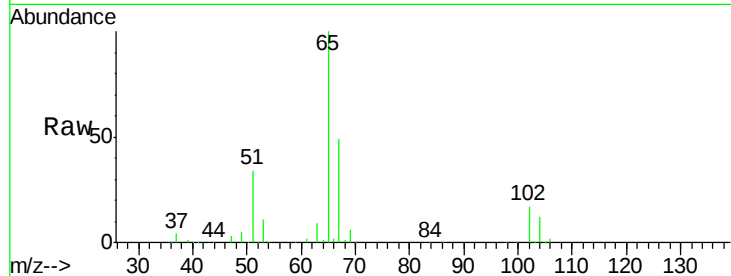
VU0625MBS01

Manual Integrations

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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: VU024875.D

Acq: 25 Jun 2018 15:19

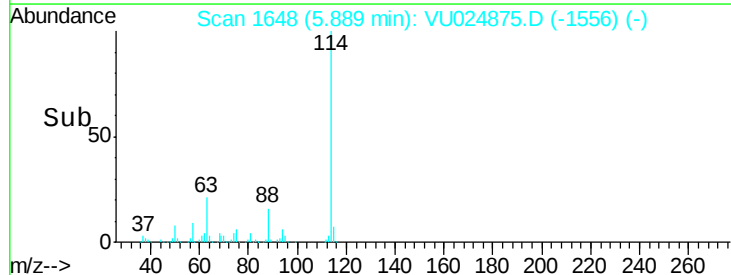
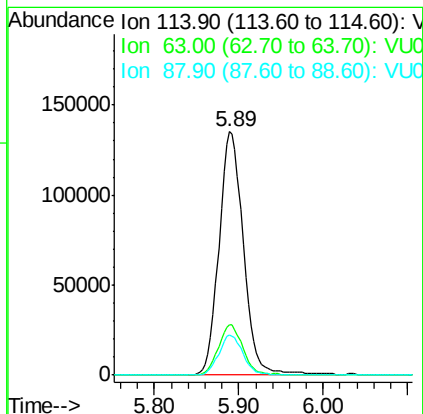
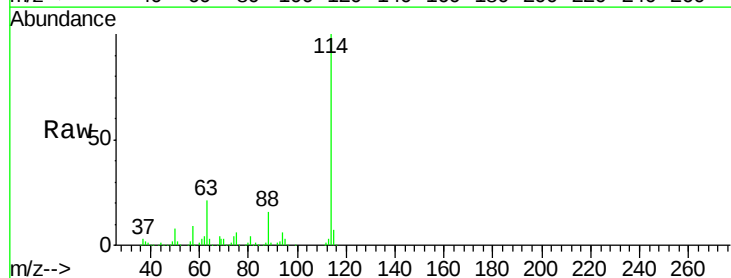
Tgt Ion: 114 Resp: 272705

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

88 16.4 0.0 31.0





#35
 Dibromofluoromethane
 Concen: 49.21 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

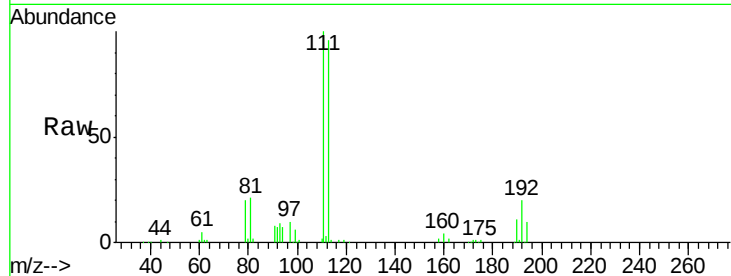
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.2	123.4
192	21.2	16.2	24.4

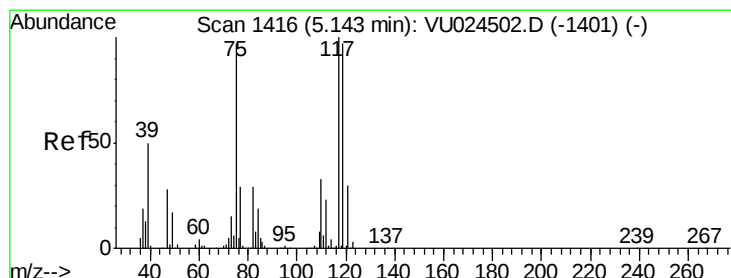
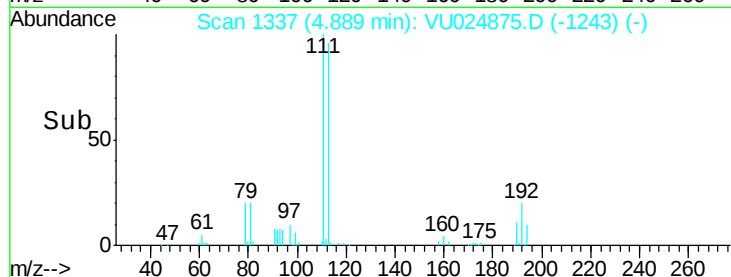
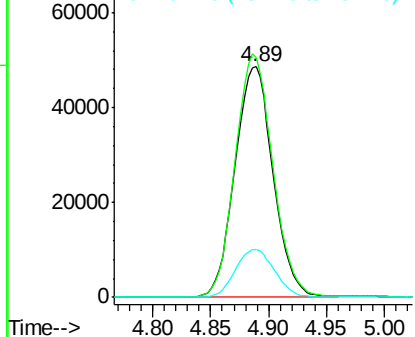
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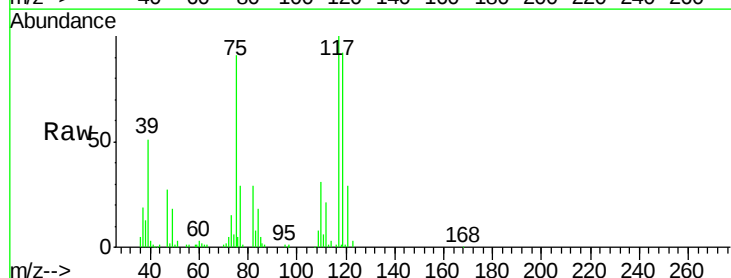


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

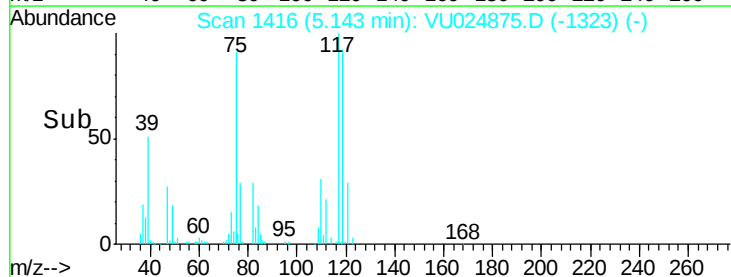
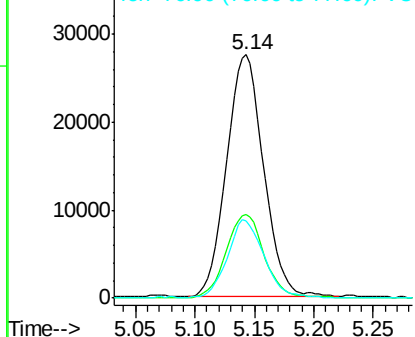


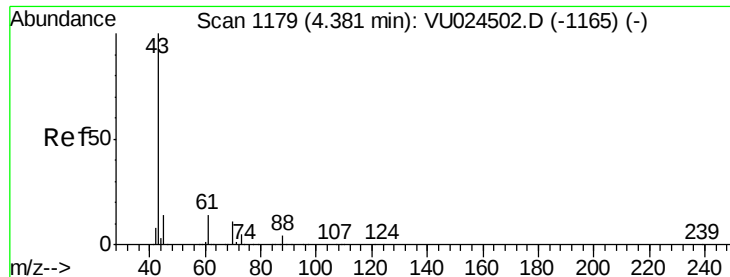
#36
 1,1-Dichloropropene
 Concen: 18.48 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.0	50.9
77	32.1	24.2	36.4



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





#37
Ethyl Acetate
Concen: 20.76 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

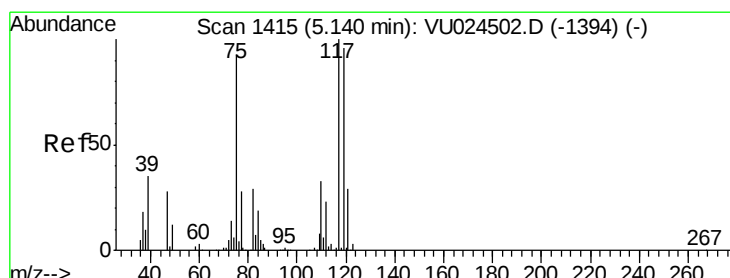
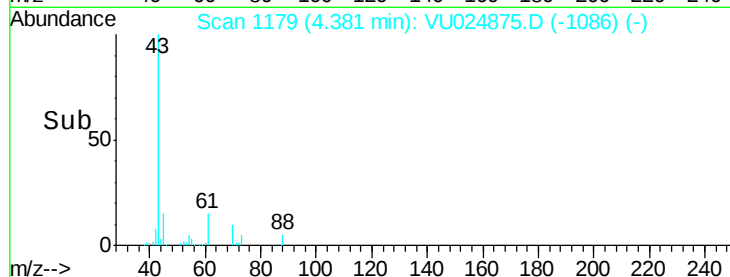
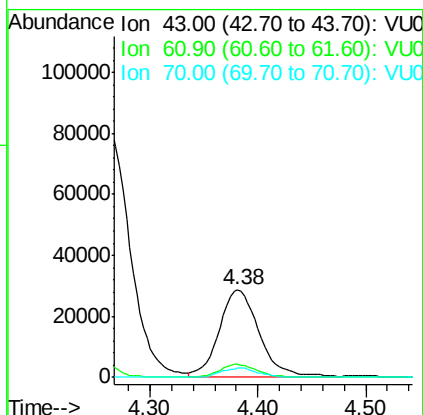
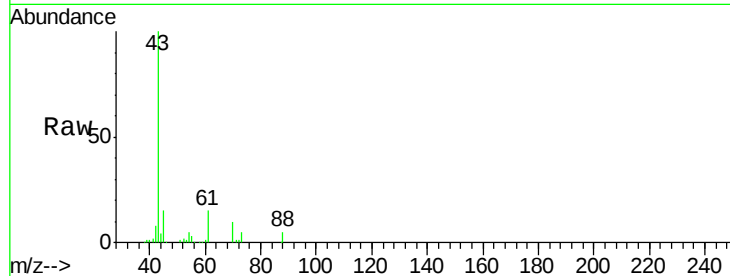
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	43	Resp:	72525
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.5	15.7
70	10.2	7.4	11.2

Manual Integrations
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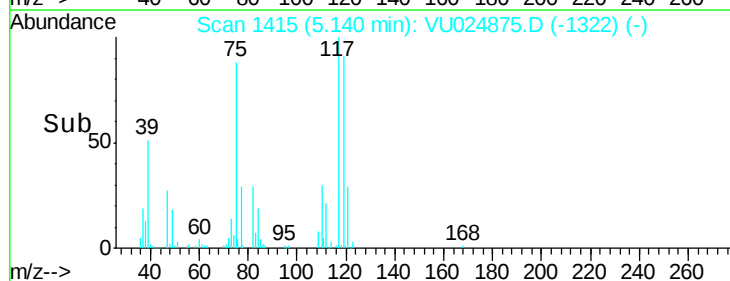
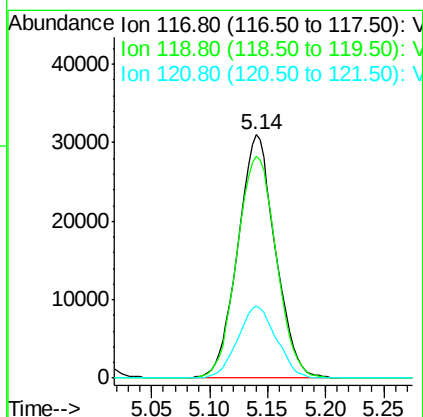
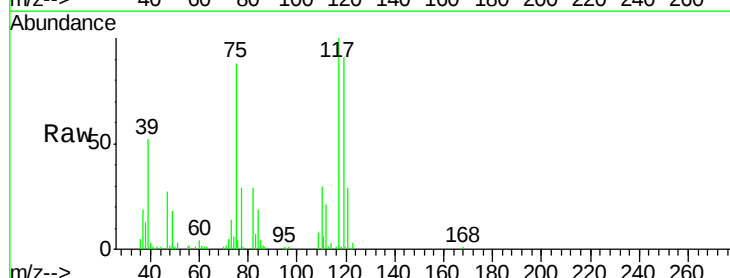
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#38
Carbon Tetrachloride
Concen: 19.83 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	117	Resp:	69894
Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.1	114.1
121	29.4	23.7	35.5





#39
Methvlcvclohexane
Concen: 18.72 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

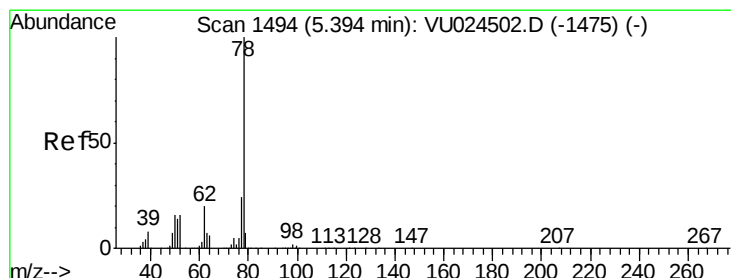
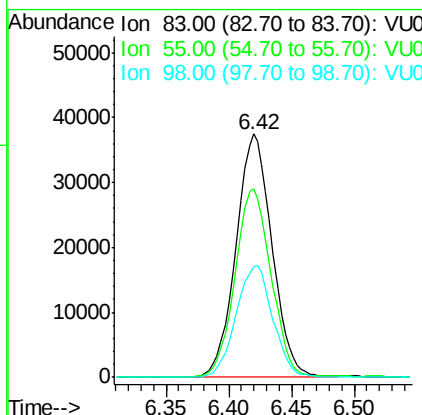
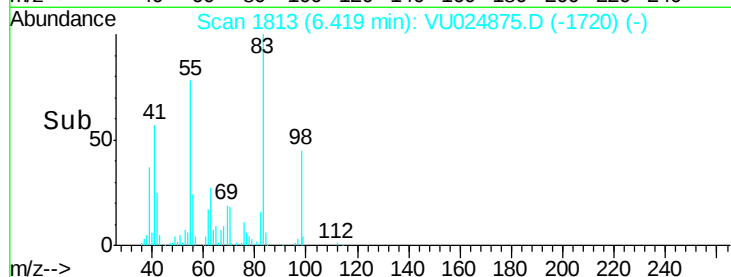
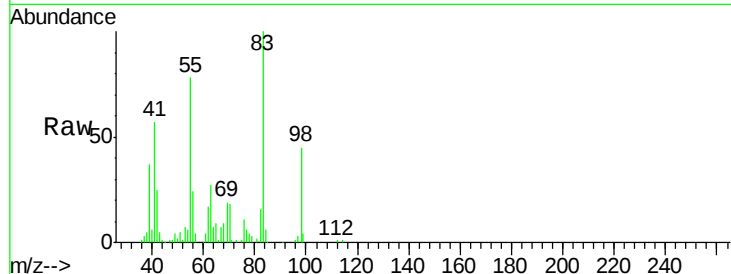
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	65.8	98.6
98	45.5	36.7	55.1

Manual Integrations
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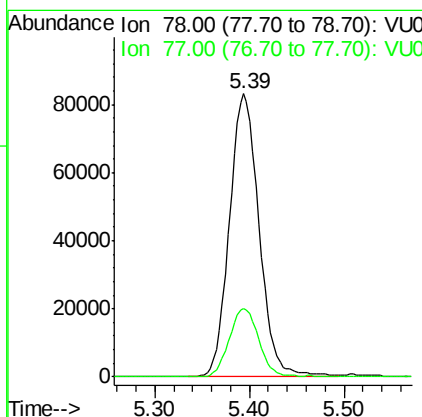
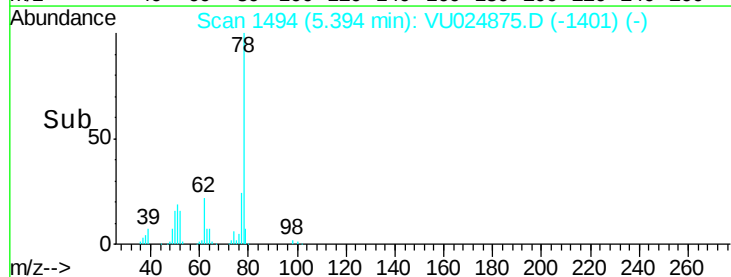
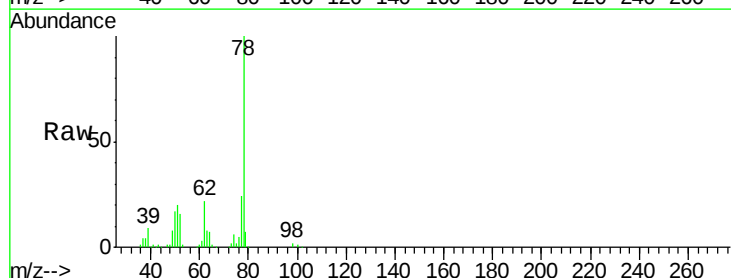
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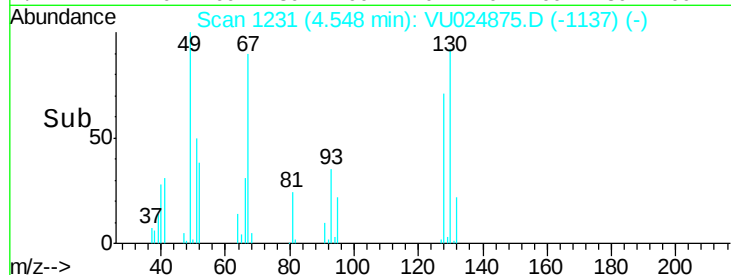
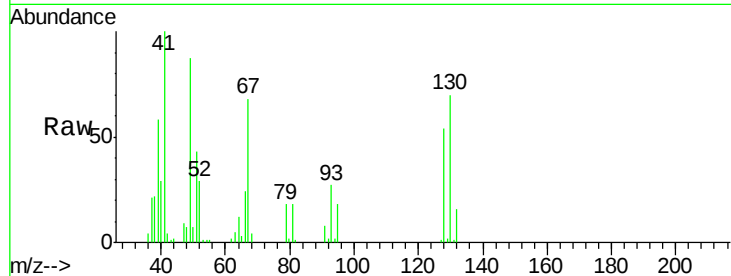
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#40
Benzene
Concen: 19.89 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





#41
Methacrylonitrile
Concen: 21.27 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

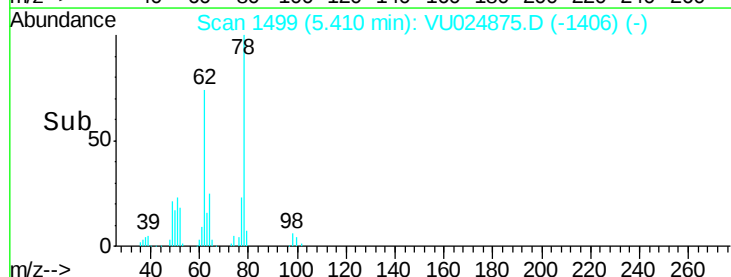
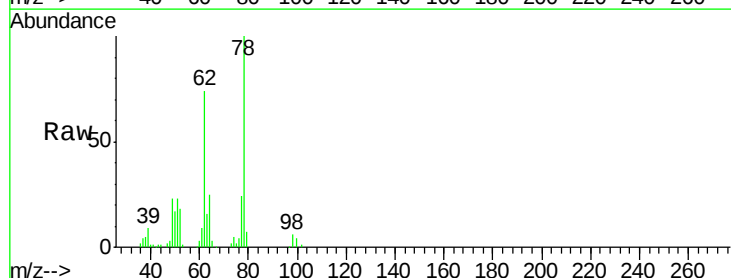
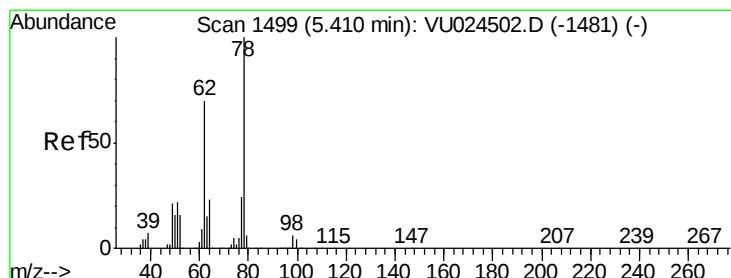
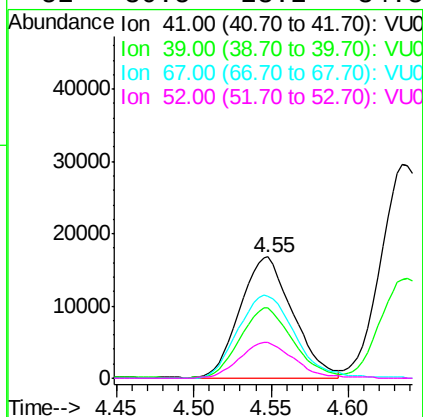
Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	57.9	43.8	65.6
67	67	73.9	56.3	84.5
52	52	30.5	23.2	34.8

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

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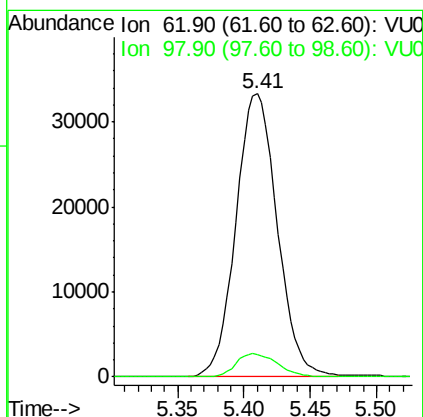
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#42
1,2-Dichloroethane
Concen: 20.79 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.56 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

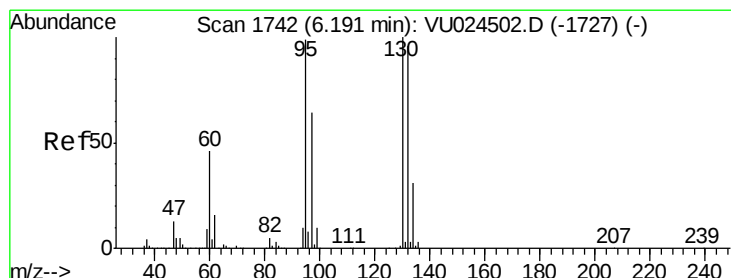
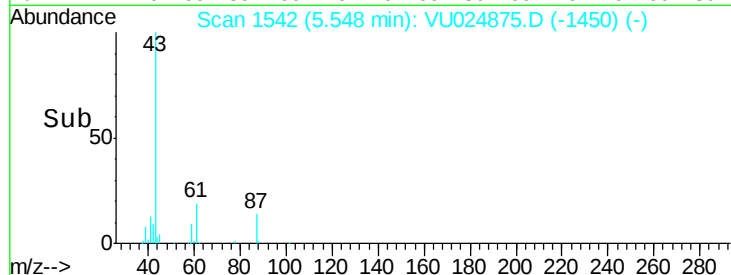
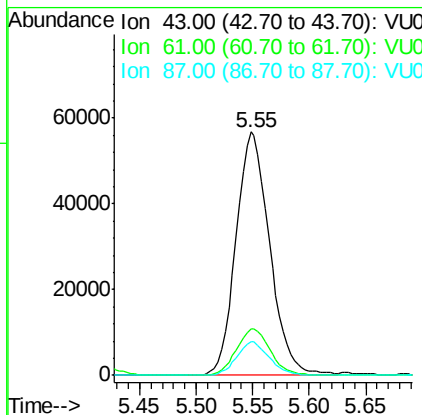
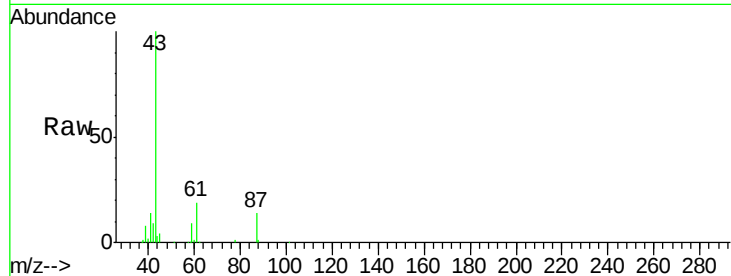
VU0625MBS01

Tot Ion:	43	Resp:	118099
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	13.2	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 19.24 ug/l

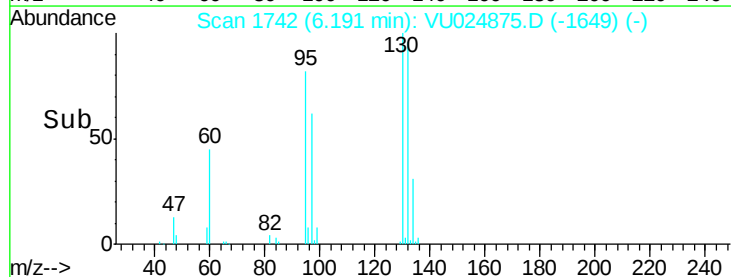
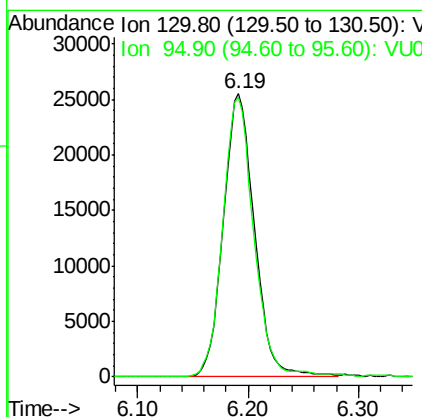
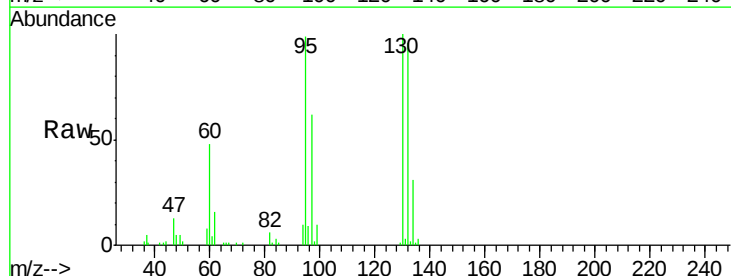
RT: 6.19 min Scan# 1742

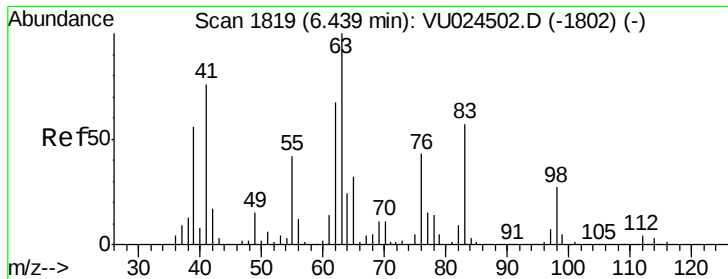
Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion:	130	Resp:	50004
Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	202.4





#45
 1,2-Dichloropropane
 Concen: 20.37 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

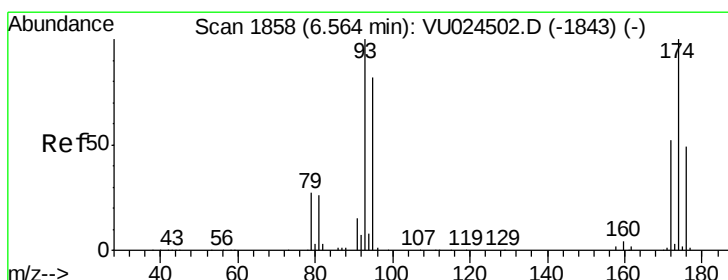
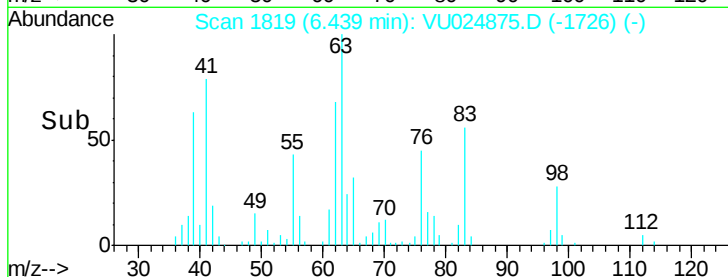
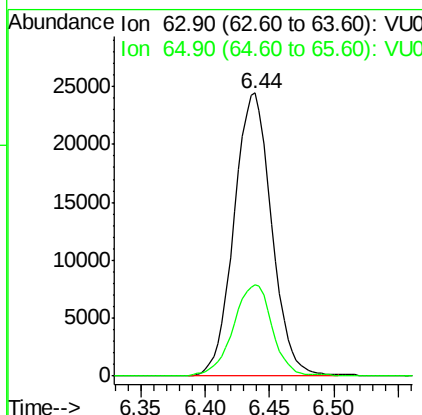
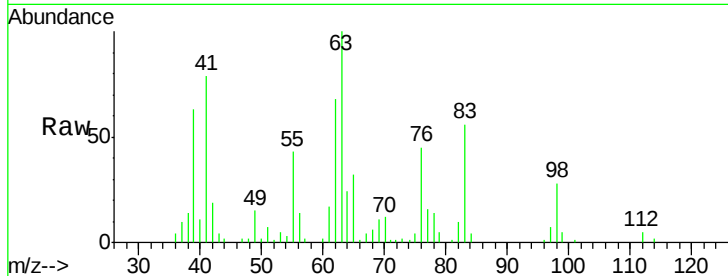
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Tot Ion: 63 Resp: 49629
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.8 37.2

Manual Integrations
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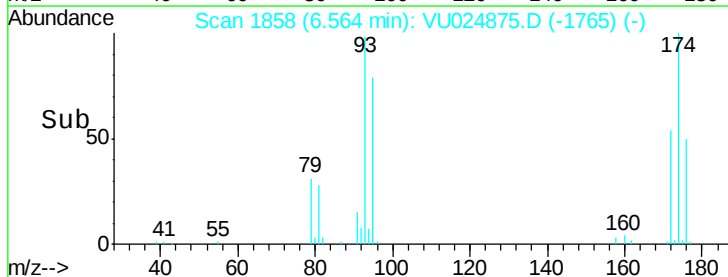
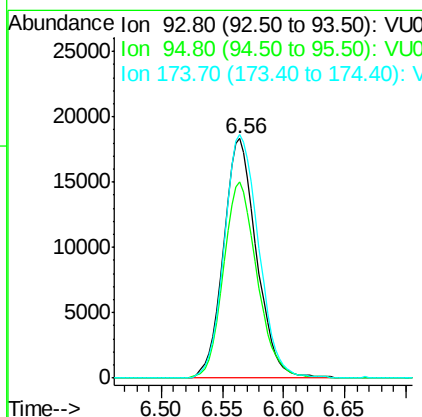
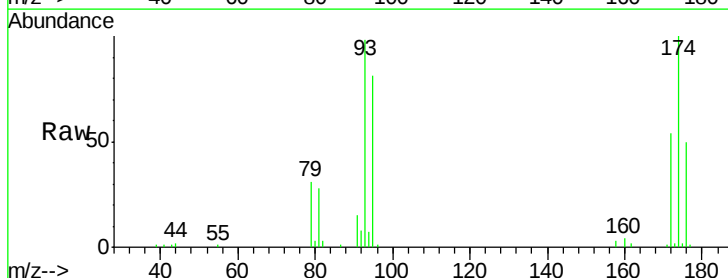
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#46
 Dibromomethane
 Concen: 20.28 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 93 Resp: 34709
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 105.8 78.7 118.1





#47

Bromodichloromethane

Concen: 19.98 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

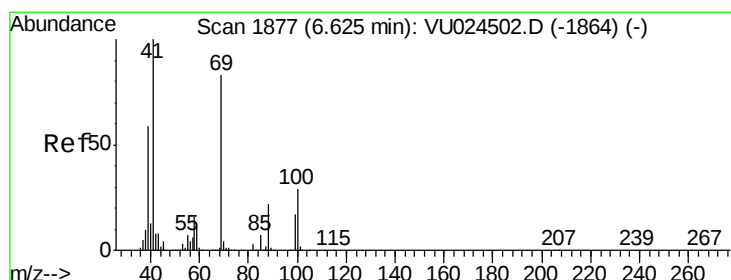
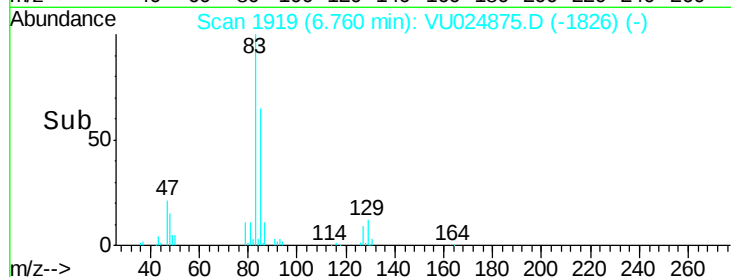
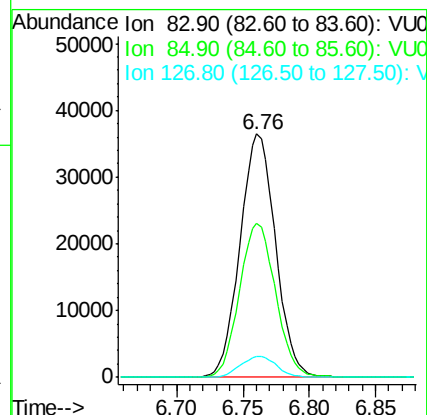
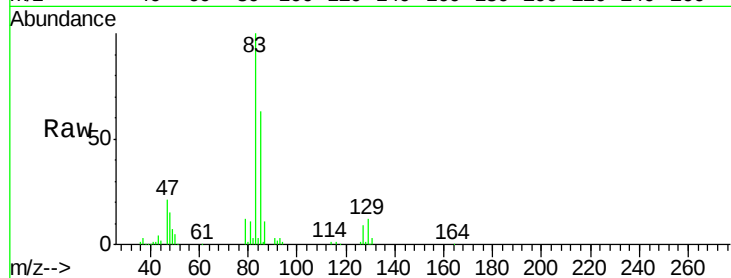
VU0625MBS01

Tot Ion:	83	Resp:	68088
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.9	77.9
127	8.7	6.6	9.8

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#48

Methyl methacrylate

Concen: 20.32 ug/l

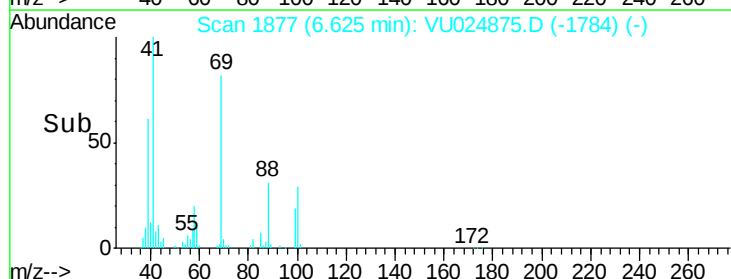
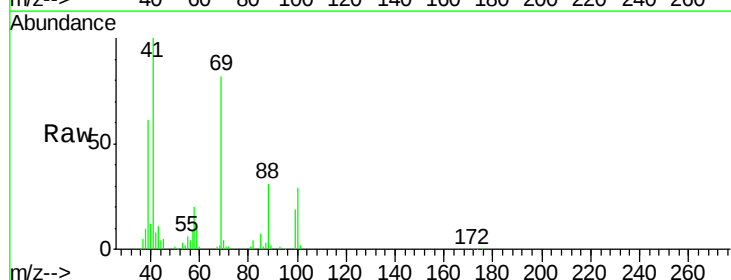
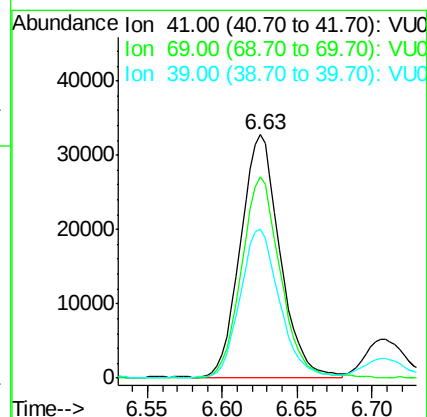
RT: 6.63 min Scan# 1877

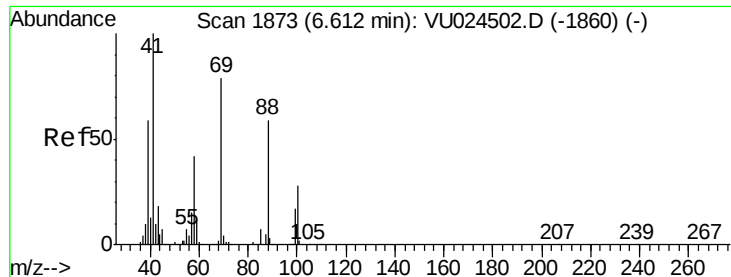
Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion:	41	Resp:	59731
Ion	Ratio	Lower	Upper
41	100		
69	82.4	67.3	100.9
39	60.9	46.5	69.7





#49
1,4-Dioxane
Concen: 445.34 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

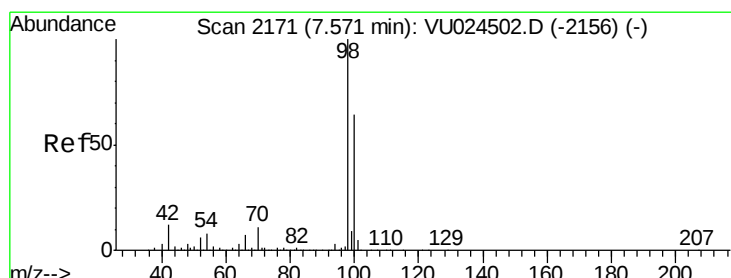
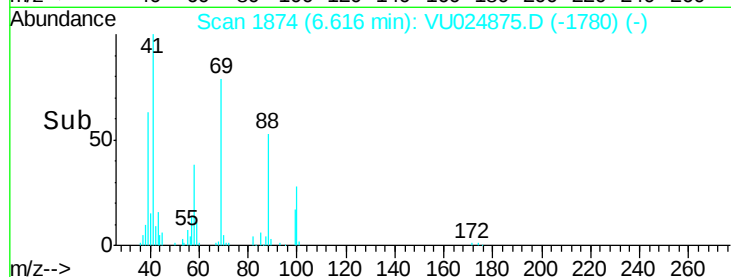
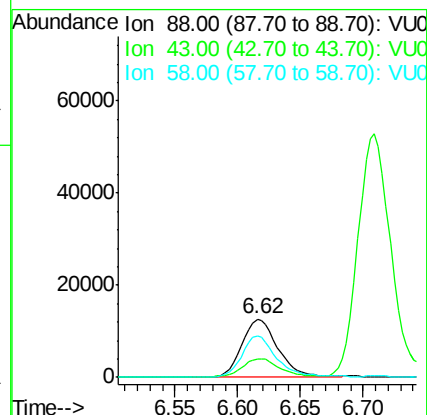
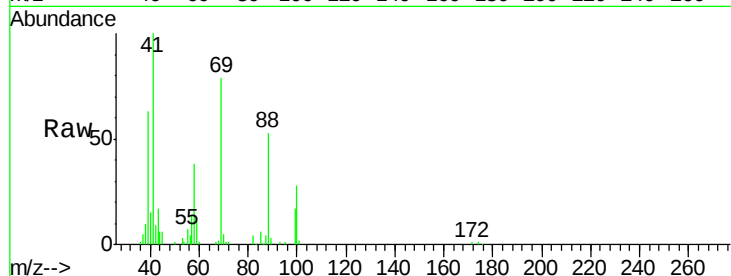
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	28.6	42.8
58	68.8	58.2	87.4

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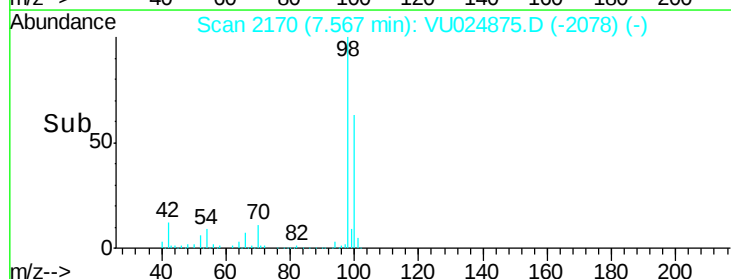
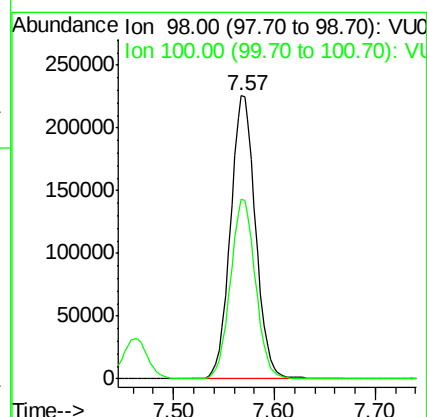
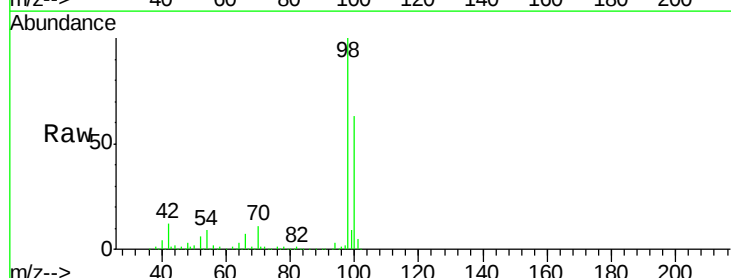
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#50
Toluene-d8
Concen: 47.56 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 101.23 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampled :

VU0625MBS01

Tot Ion: 43 Resp: 383950

Ion Ratio Lower Upper

43 100

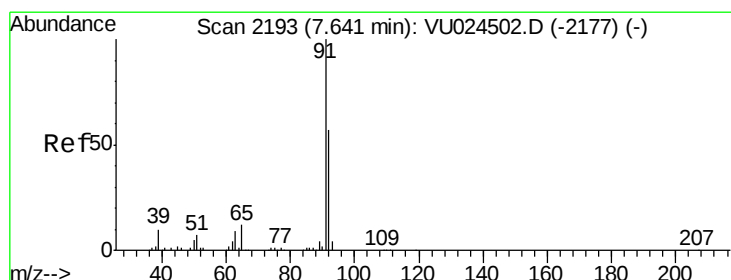
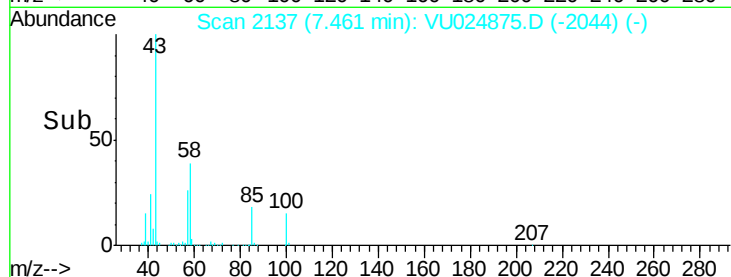
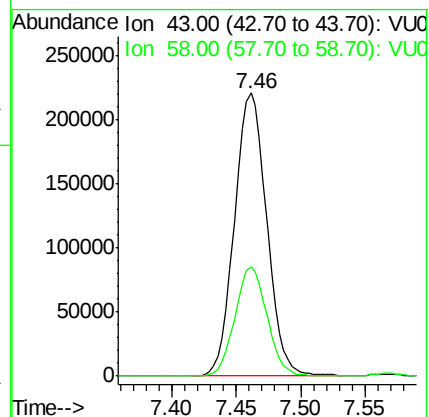
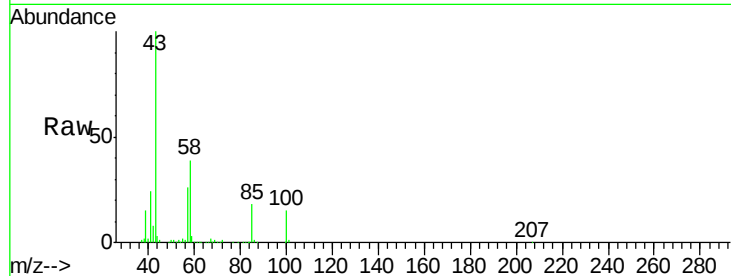
58 38.2 30.0 45.0

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#52

Toluene

Concen: 19.77 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024875.D

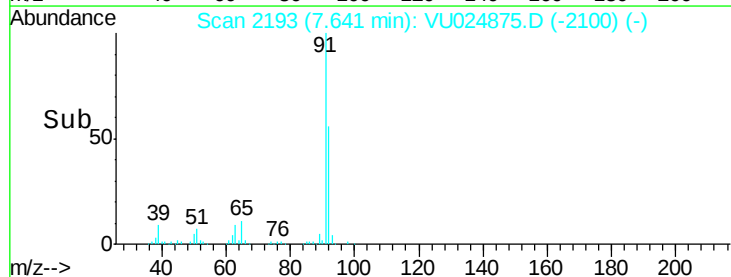
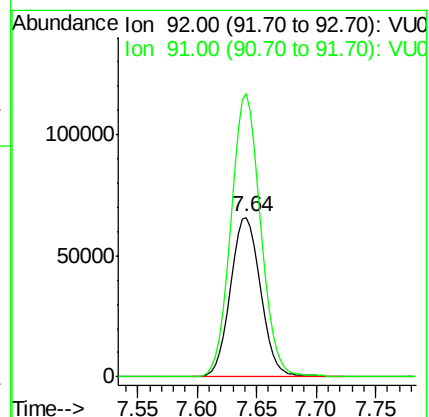
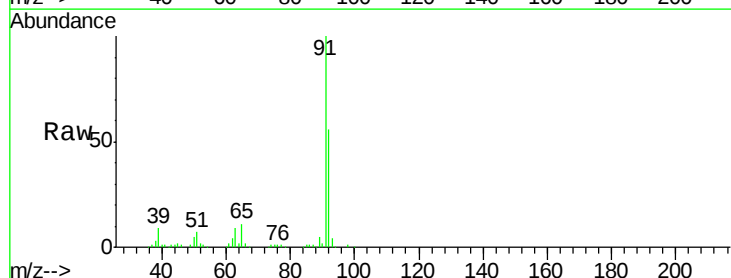
Acq: 25 Jun 2018 15:19

Tgt Ion: 92 Resp: 116145

Ion Ratio Lower Upper

92 100

91 174.6 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.90 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 75 Resp: 72324

Ion Ratio Lower Upper

75 100

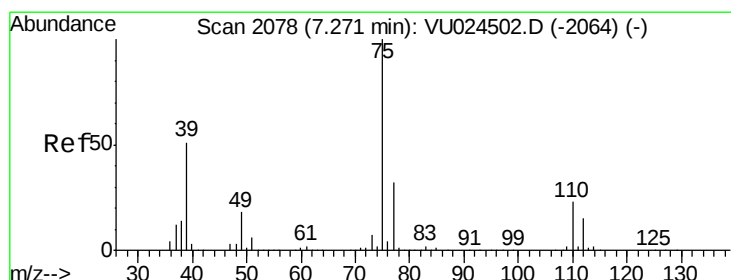
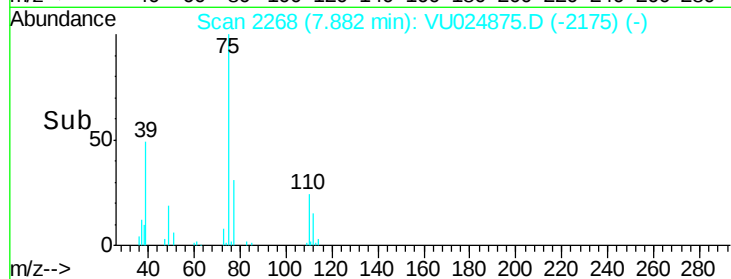
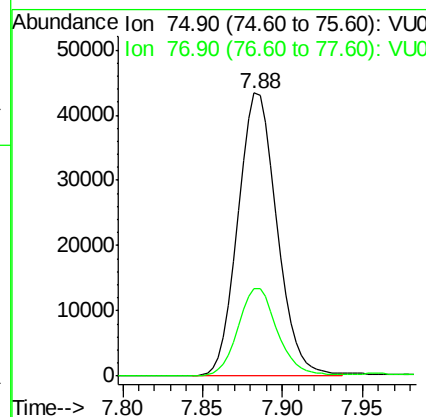
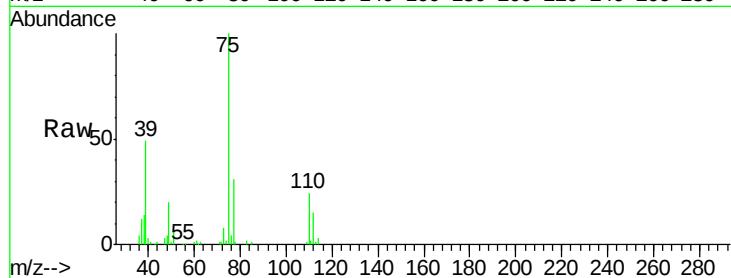
77 31.0 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.74 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

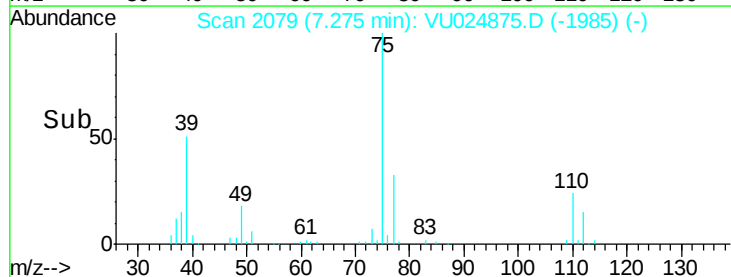
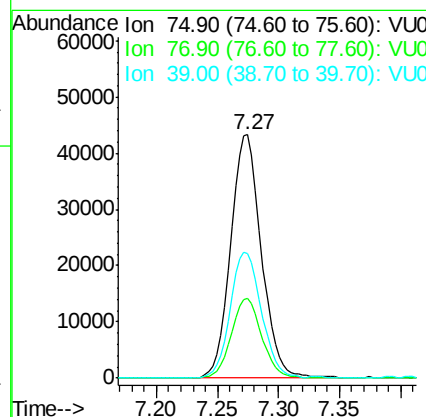
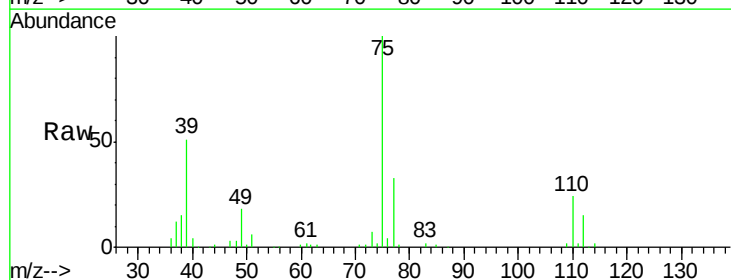
Tgt Ion: 75 Resp: 76421

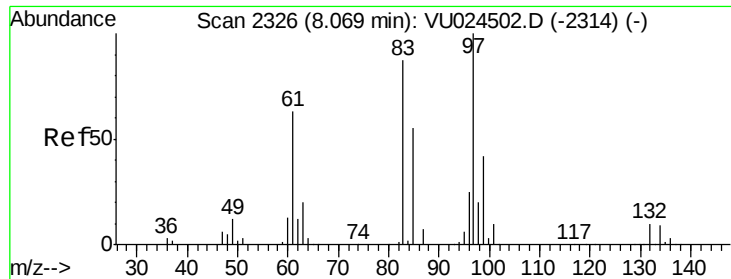
Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

39 51.4 39.8 59.6





#55
 1,1,2-Trichloroethane
 Concen: 20.57 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

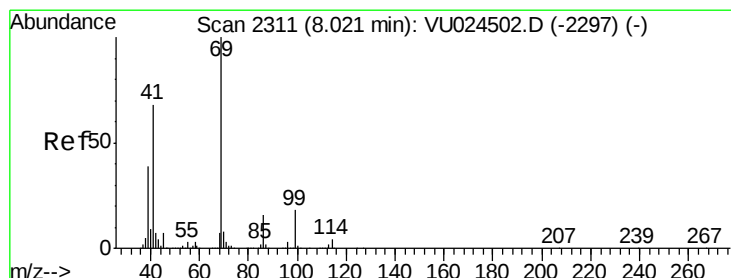
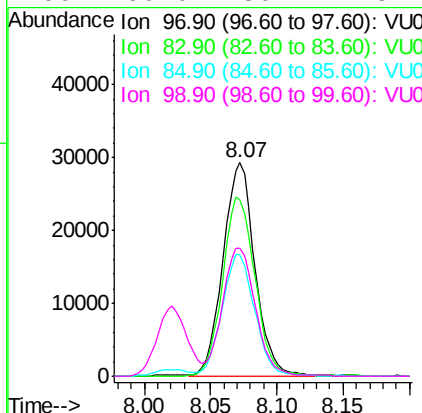
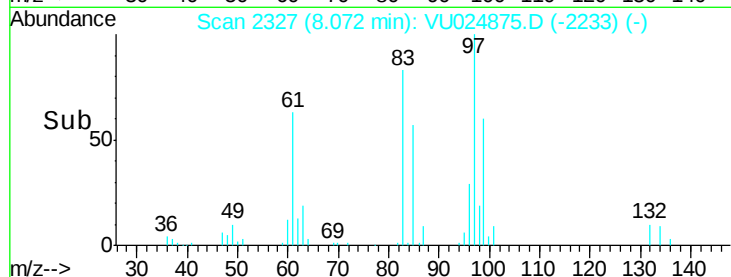
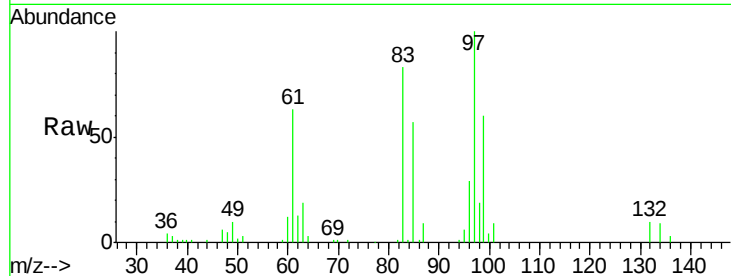
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Tot Ion:	97	Resp:	49112
Ion	Ratio	Lower	Upper
97	100		
83	82.9	70.5	105.7
85	56.7	46.4	69.6
99	60.0	50.2	75.2

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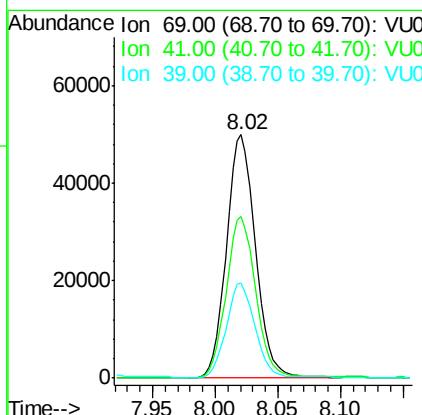
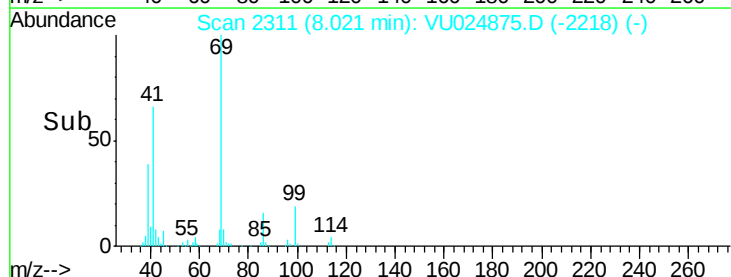
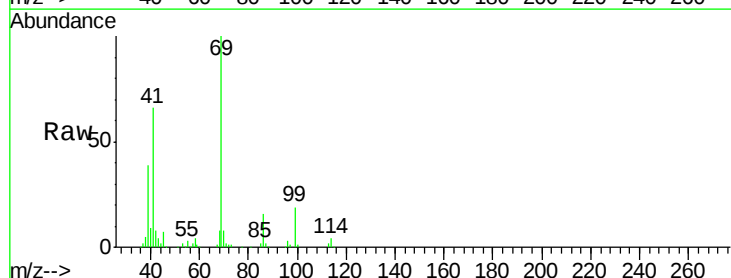
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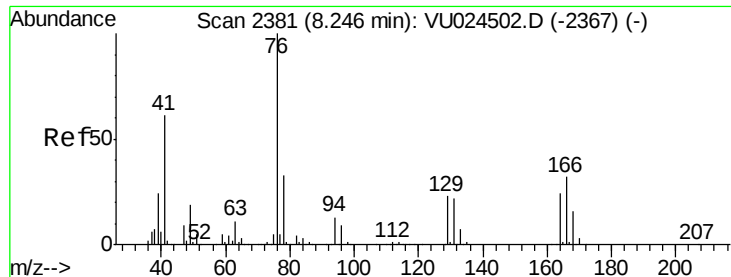
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#56
 Ethyl methacrylate
 Concen: 20.06 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion:	69	Resp:	80173
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.1	81.1
39	38.3	30.3	45.5





#57
 1,3-Dichloropropane
 Concen: 20.53 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

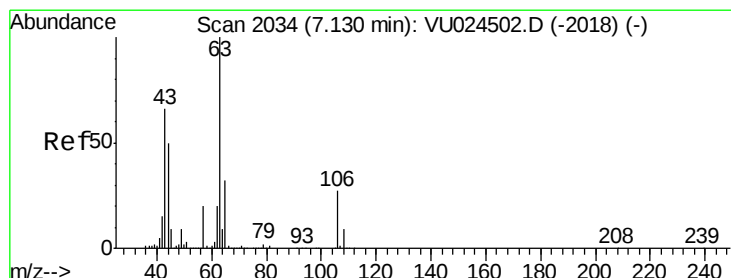
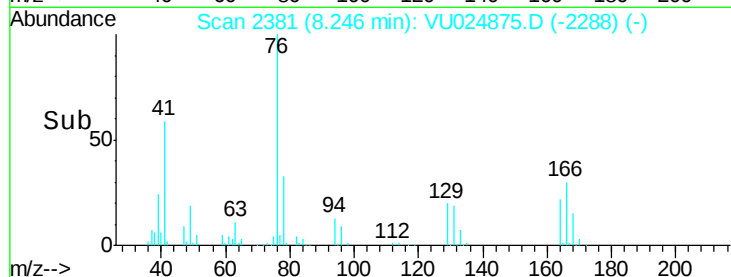
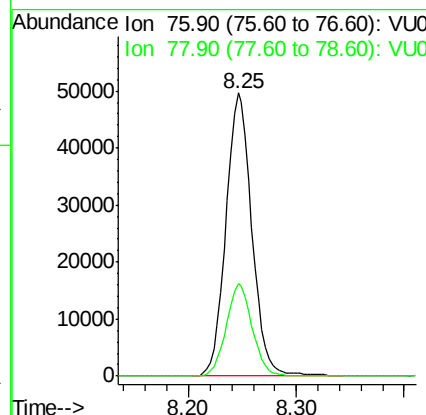
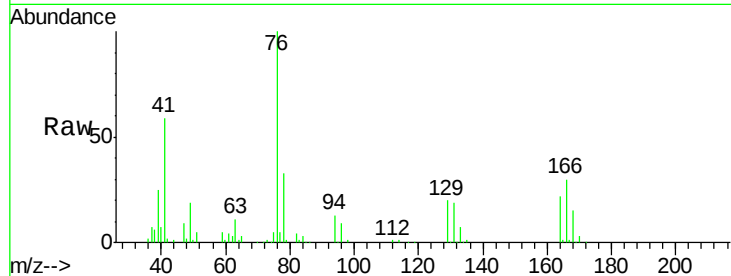
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Tot Ion: 76 Resp: 82701
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.2 37.8

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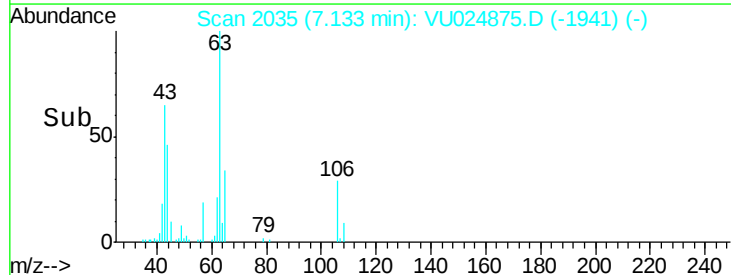
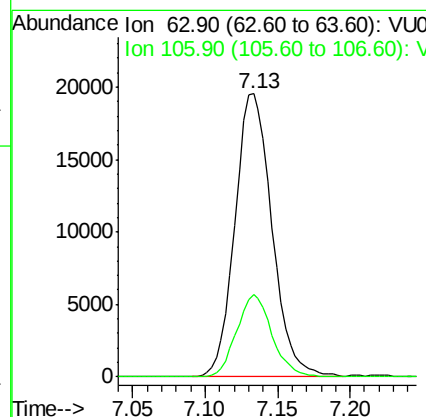
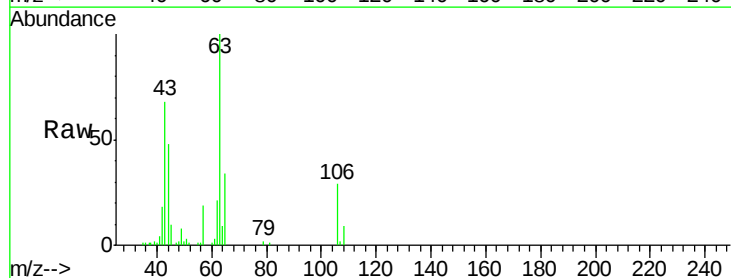
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#58
 2-Chloroethyl Vinyl ether
 Concen: 22.68 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 63 Resp: 34735
 Ion Ratio Lower Upper
 63 100
 106 27.7 20.2 30.2





#59
2-Hexanone
Concen: 97.86 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

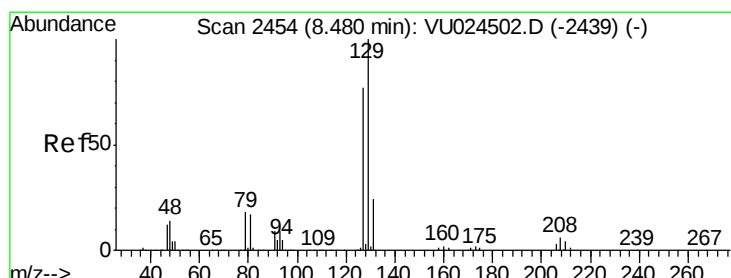
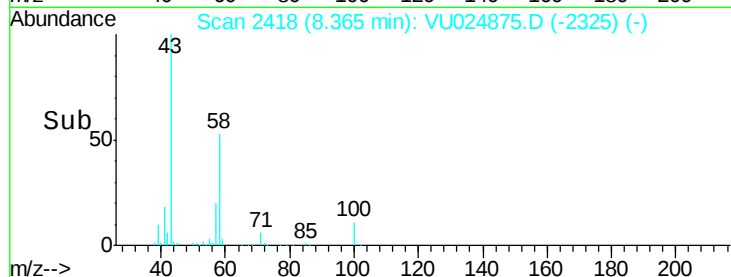
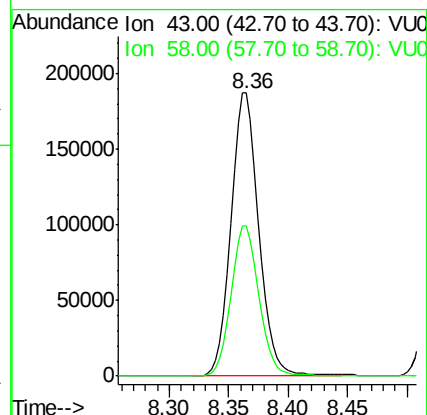
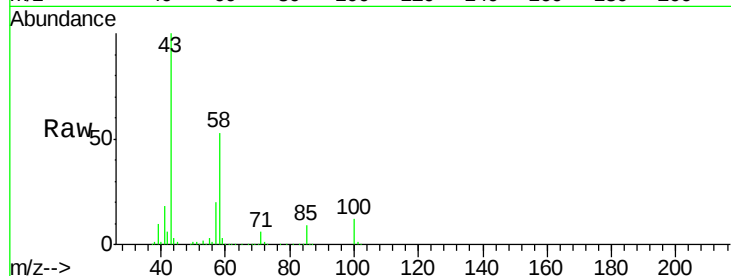
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.5	26.4	79.0

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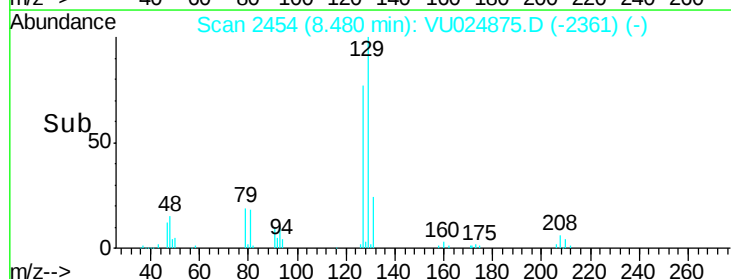
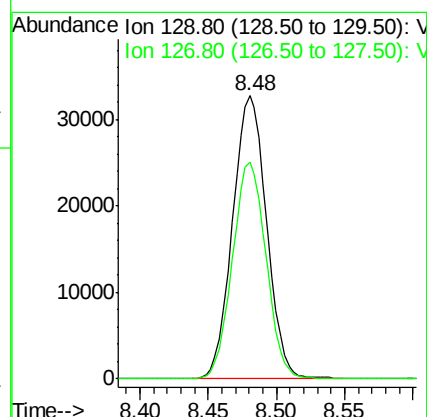
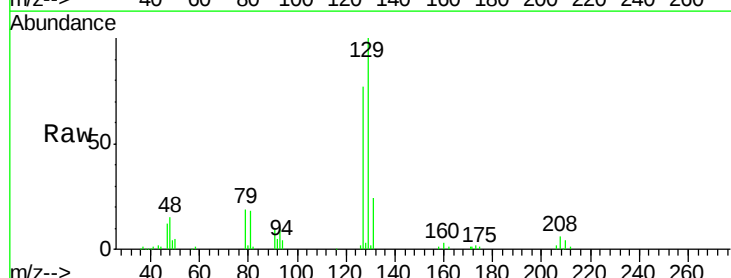
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#60
Dibromochloromethane
Concen: 19.02 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.7	38.6	116.0





#61

1,2-Dibromoethane

Concen: 19.41 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 107 Resp: 51589

Ion Ratio Lower Upper

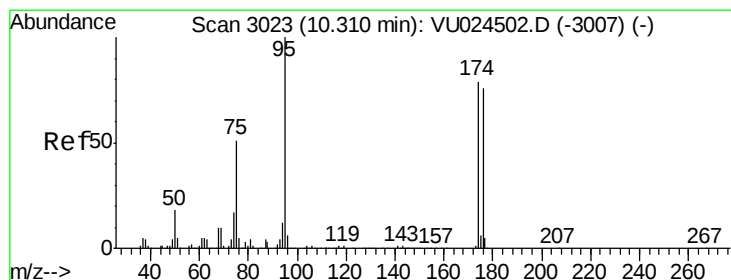
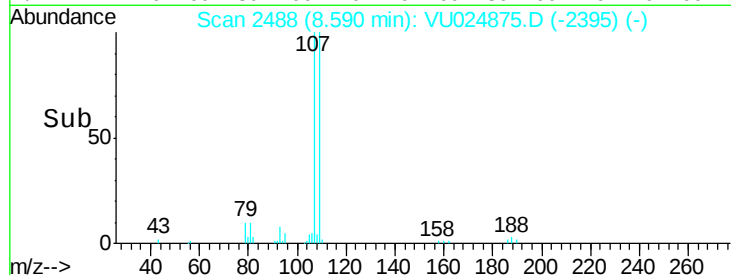
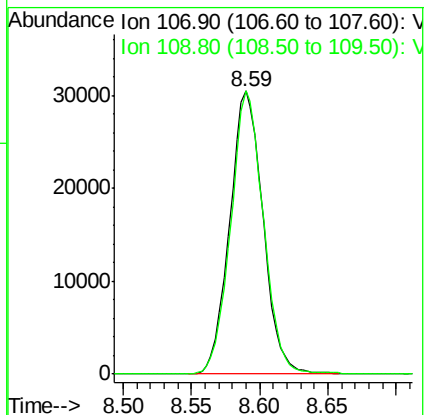
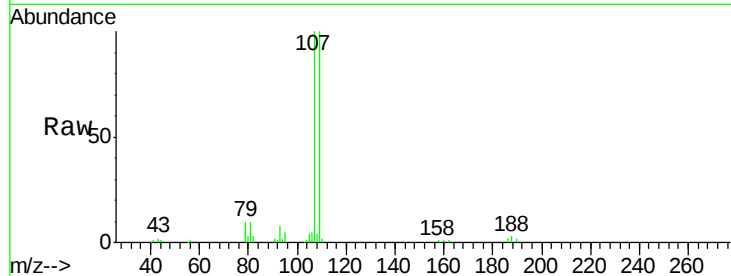
107 100

109 98.1 74.5 111.7

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#62

4-Bromofluorobenzene

Concen: 46.70 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

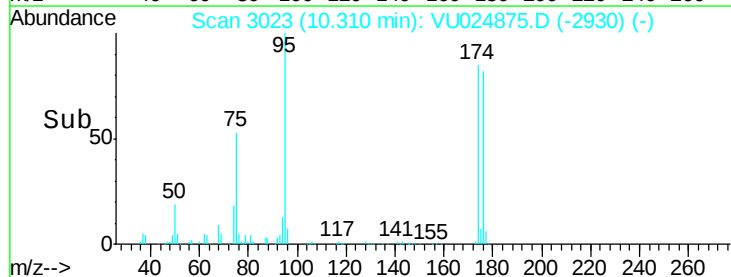
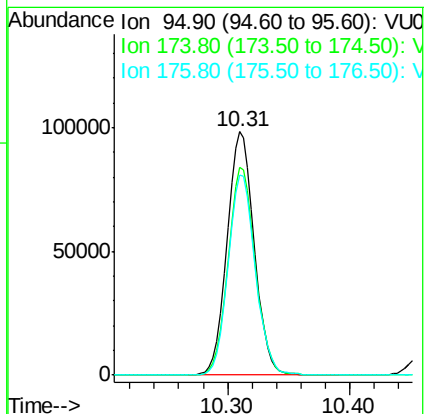
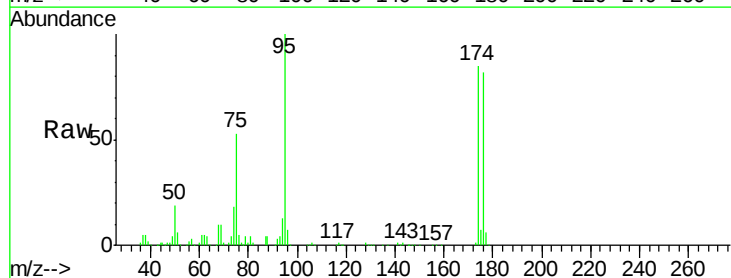
Tgt Ion: 95 Resp: 153074

Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

176 82.7 0.0 159.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

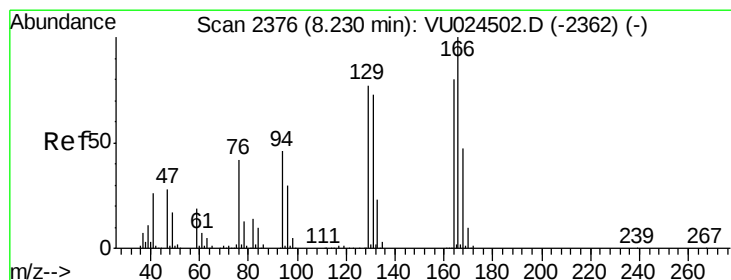
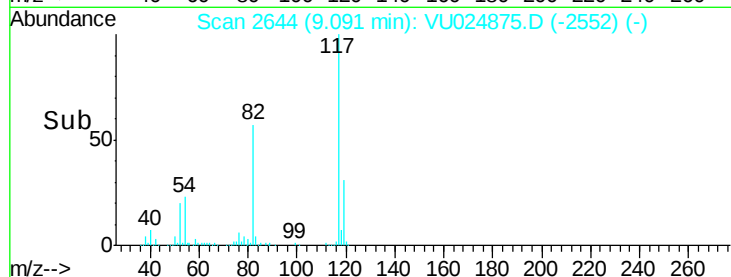
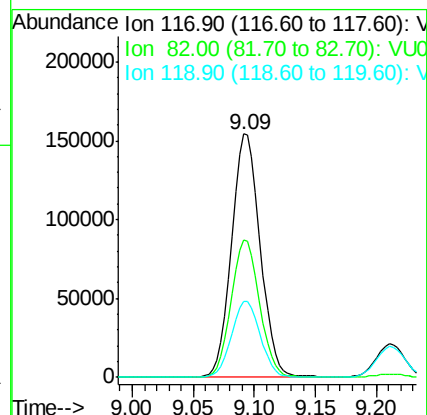
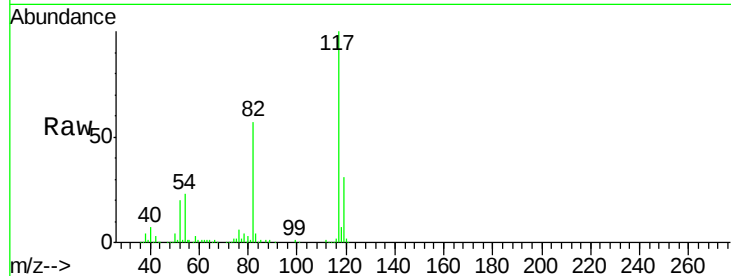
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.3	66.5
119	31.0	25.4	38.2

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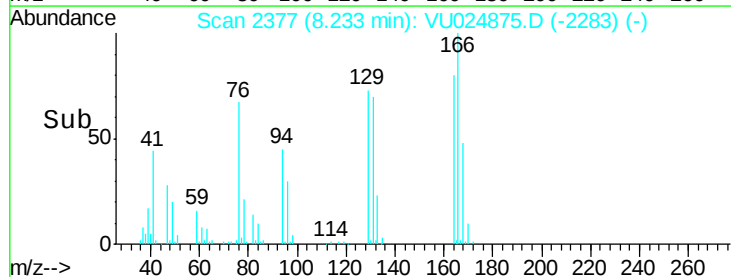
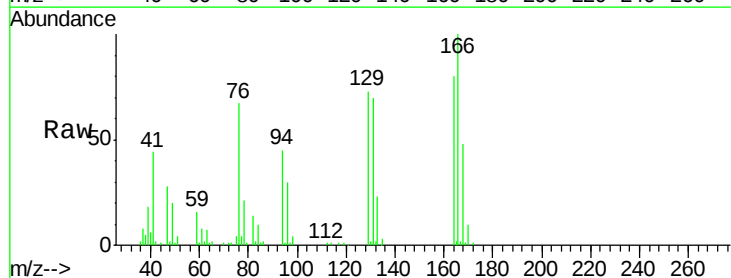
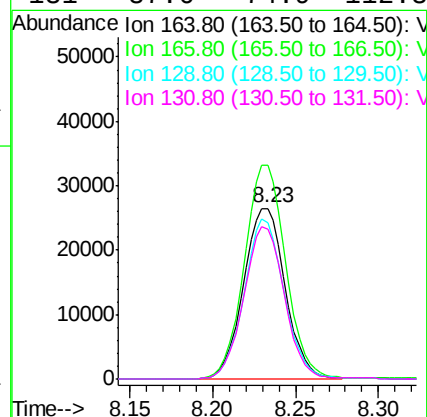
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#64
Tetrachloroethene
Concen: 19.08 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	101.7	152.5
129	91.6	76.9	115.3
131	87.6	74.9	112.3





#65
Chlorobenzene
Concen: 20.40 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

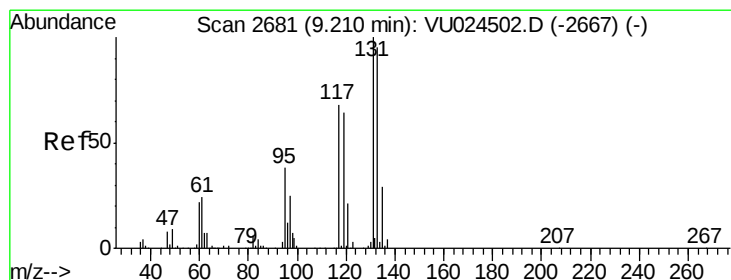
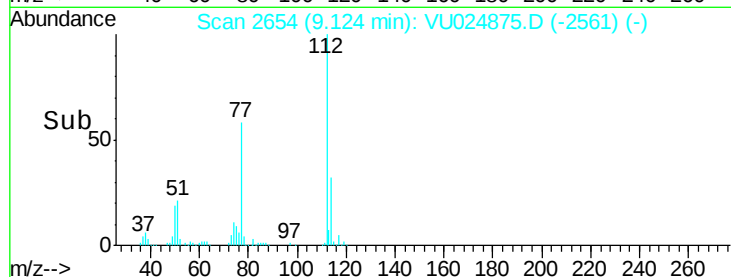
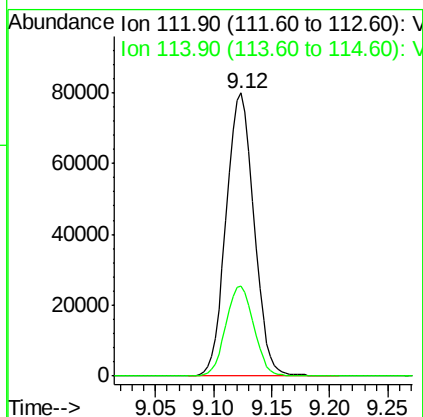
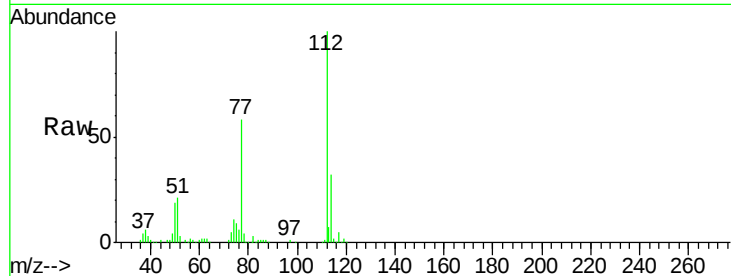
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.6	38.4

Manual Integrations
APPROVED

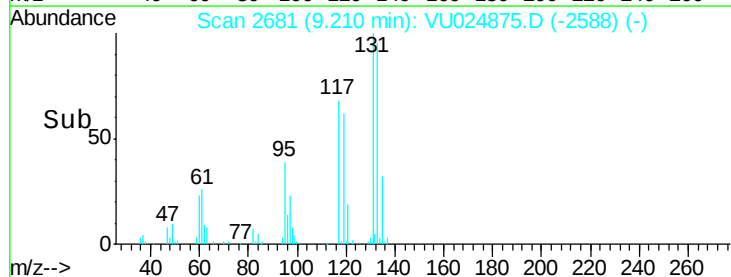
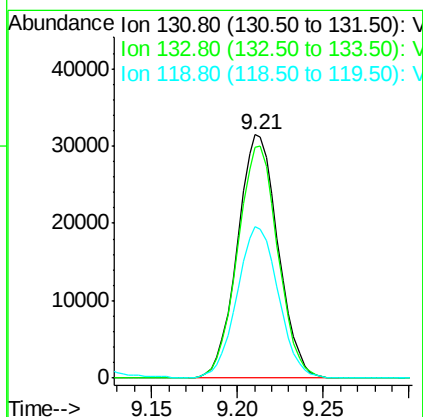
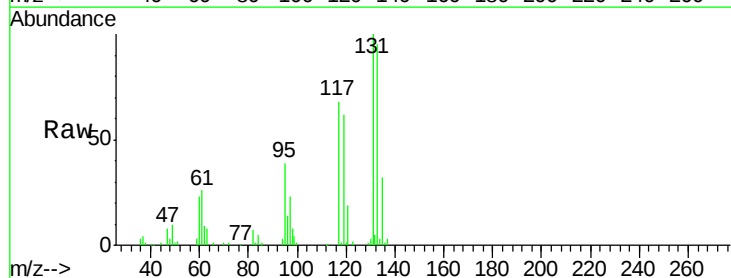
anatel

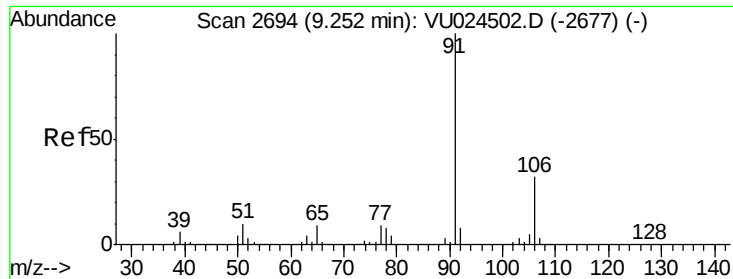
6/27/2018 11:19:47 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.92 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	46.9	140.8
119	63.2	33.5	100.4





#67
Ethyl Benzene
Concen: 19.78 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

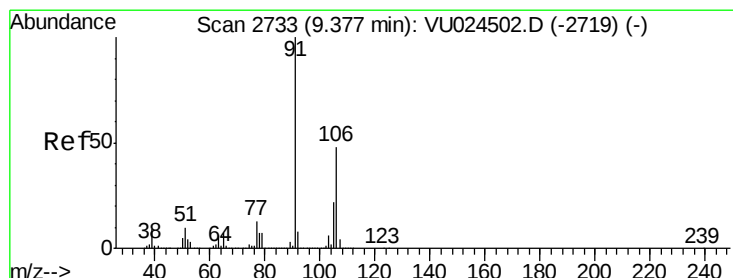
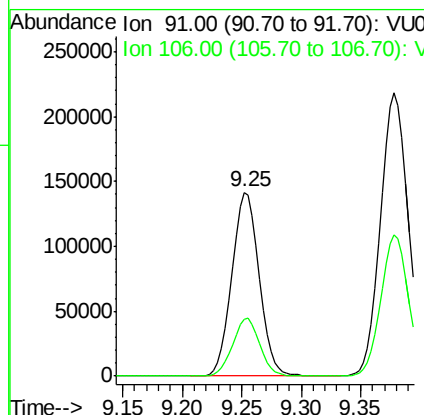
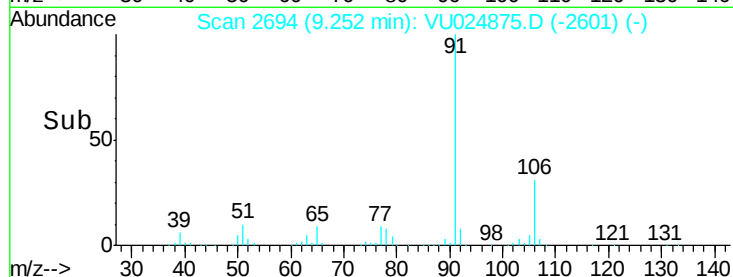
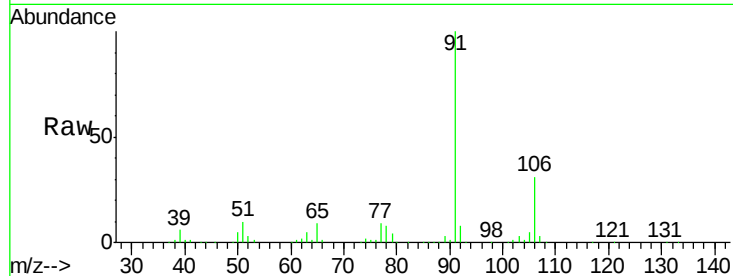
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion: 91 Resp: 225659
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4

Manual Integrations
APPROVED

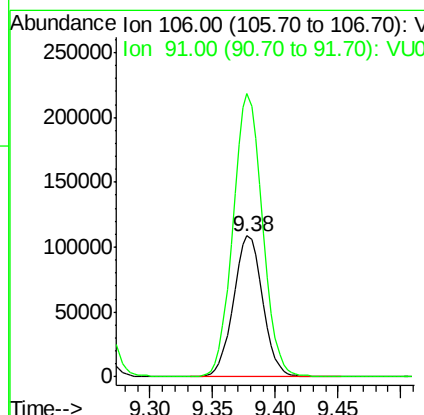
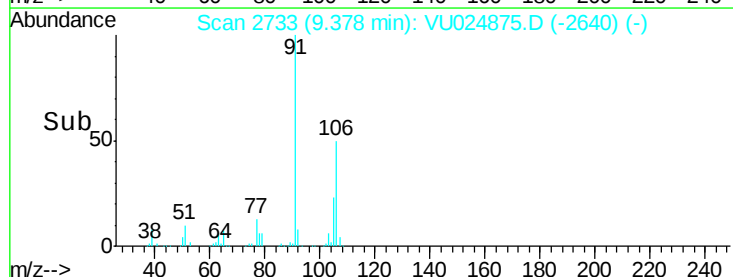
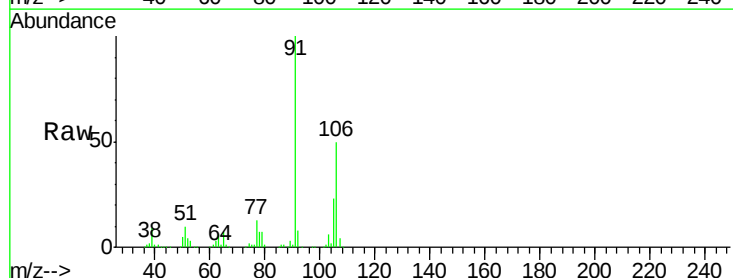
anatel

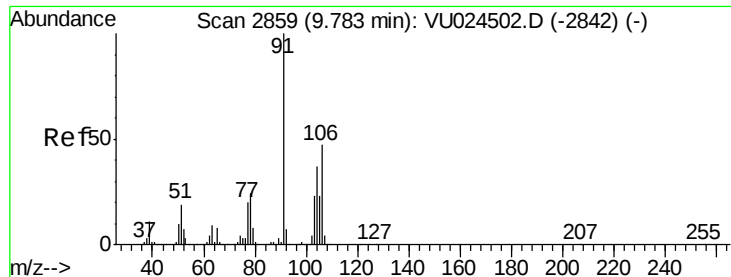
6/27/2018 11:19:47 AM



#68
m/p-Xylenes
Concen: 40.22 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion: 106 Resp: 176170
Ion Ratio Lower Upper
106 100
91 202.3 166.5 249.7





#69
o-Xylene
Concen: 20.36 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

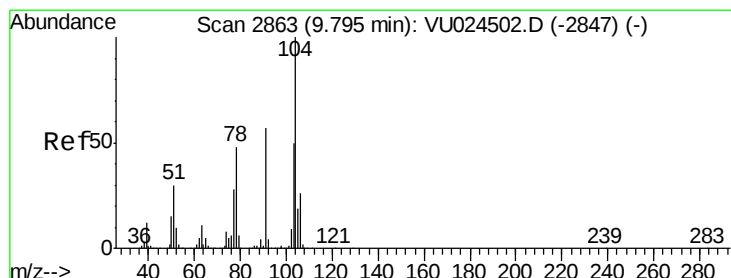
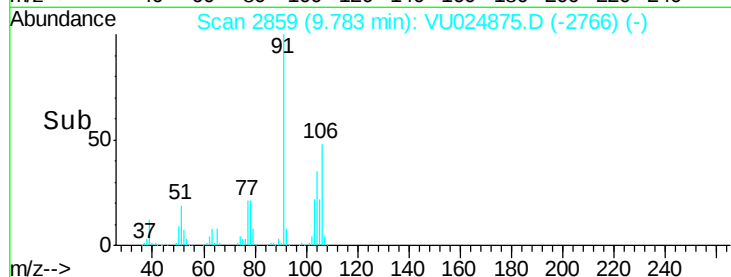
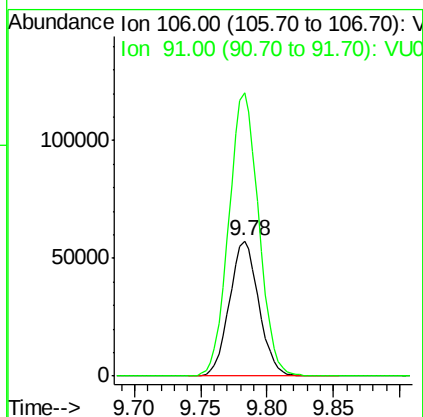
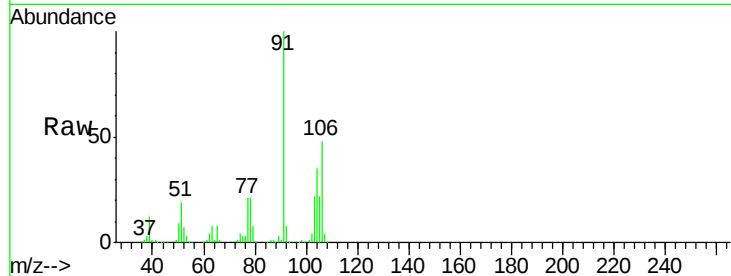
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.8	110.7	331.9	

Manual Integrations
APPROVED

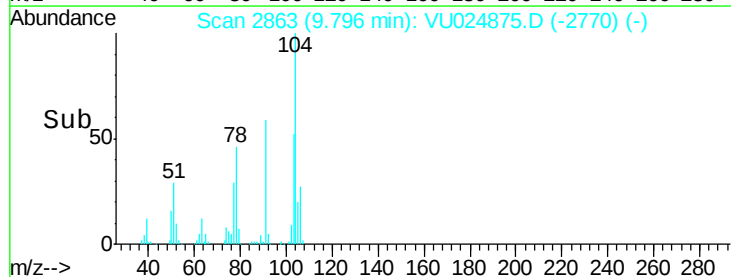
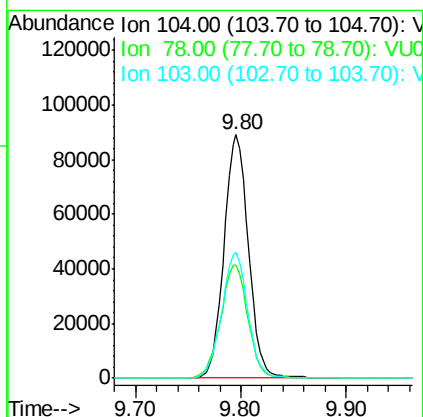
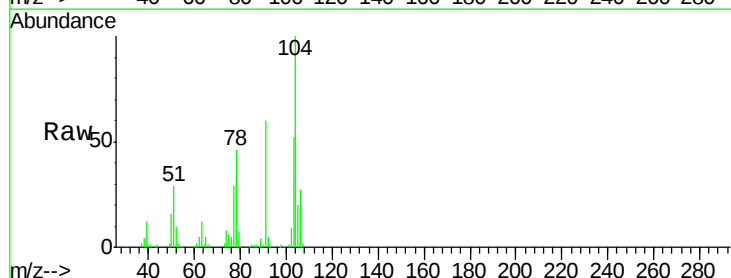
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#70
Styrene
Concen: 20.02 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.6	40.6	60.8	
103	55.0	44.7	67.1	





#71

Bromoform

Concen: 18.47 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

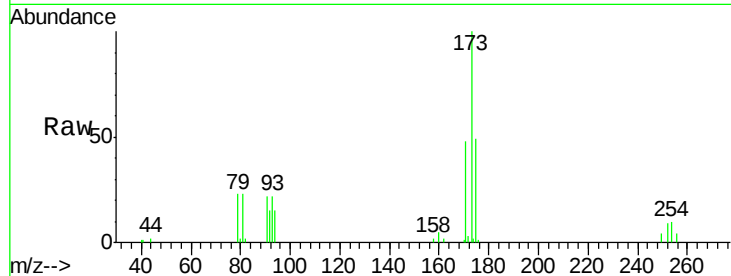
VU0625MBS01

Tot Ion:	173	Resp:	43390
Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	74.0
254	0.0	0.0	0.0

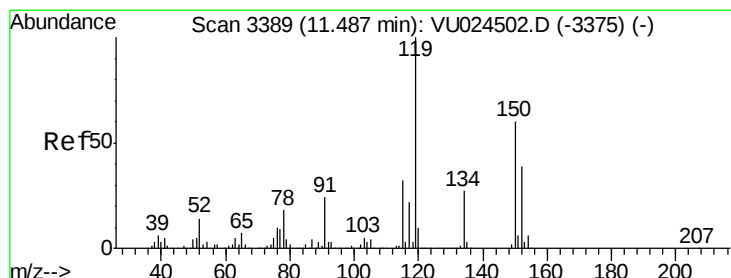
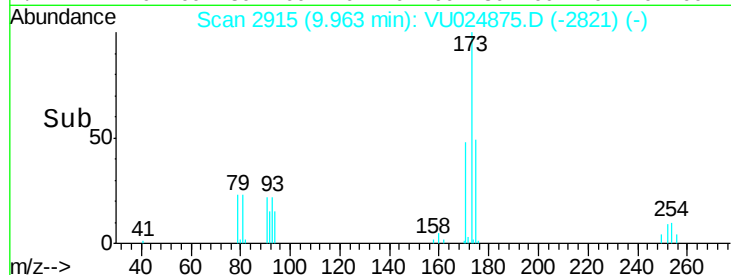
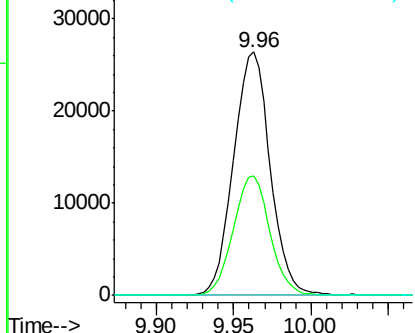
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

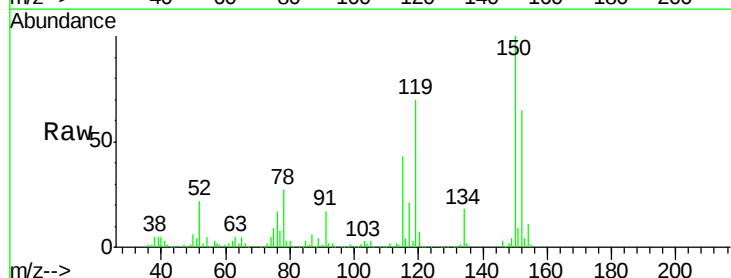
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

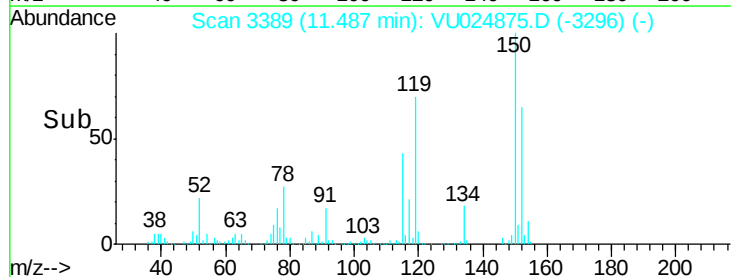
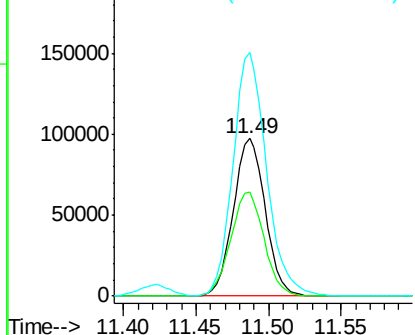
Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion:	152	Resp:	148344
Ion	Ratio	Lower	Upper
152	100		
115	69.0	43.0	129.0
150	162.9	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: 21.00 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 105 Resp: 239223

Ion Ratio Lower Upper

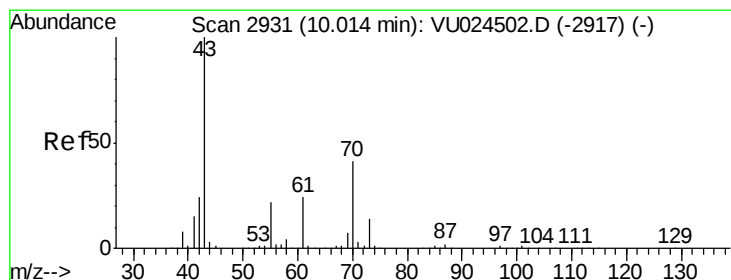
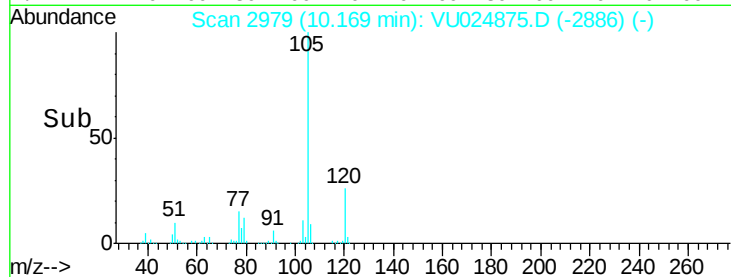
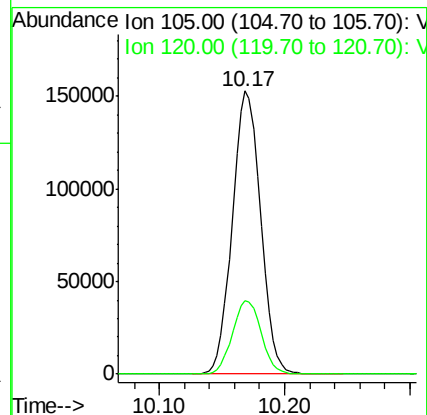
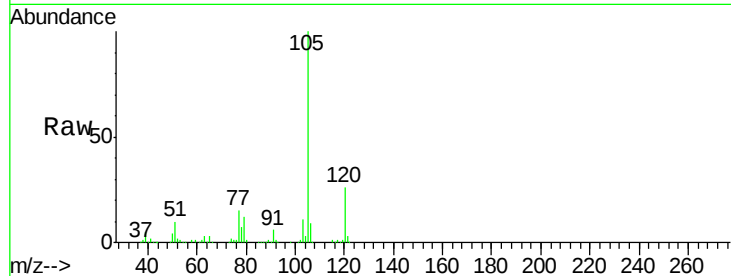
105 100

120 26.2 13.2 39.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.24 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion: 43 Resp: 104235

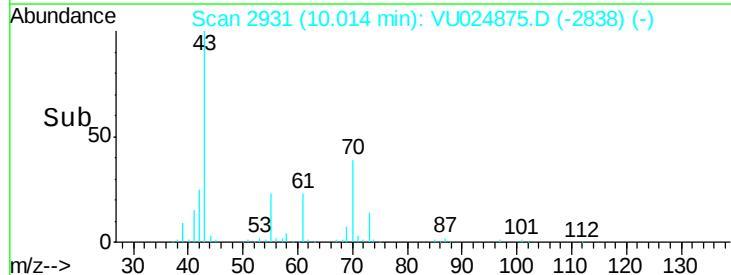
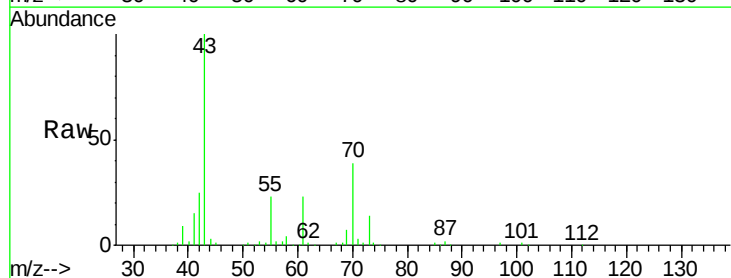
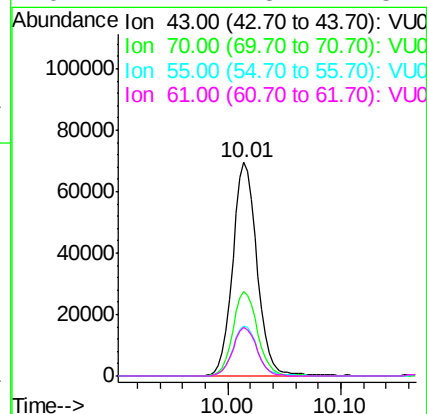
Ion Ratio Lower Upper

43 100

70 40.2 32.2 48.4

55 23.8 20.5 30.7

61 22.7 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.61 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 83 Resp: 82486

Ion Ratio Lower Upper

83 100

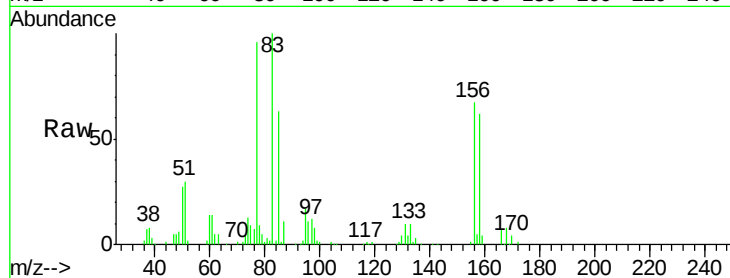
131 10.3 4.7 14.1

85 64.5 32.5 97.5

Manual Integrations
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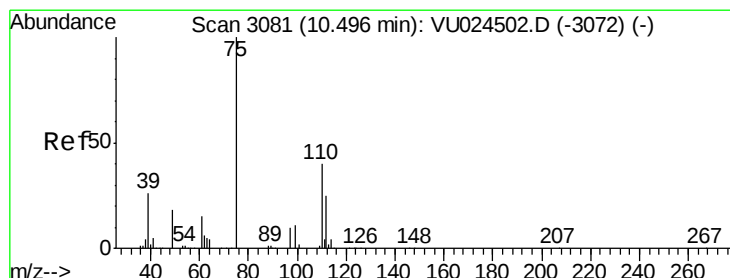
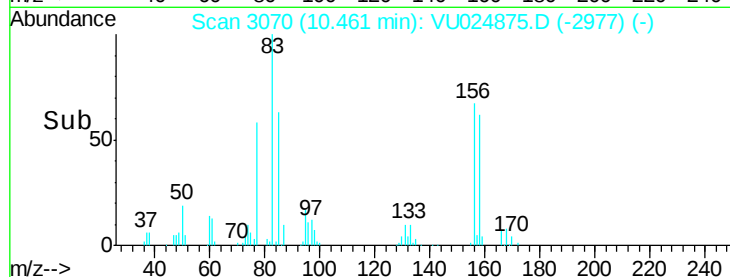
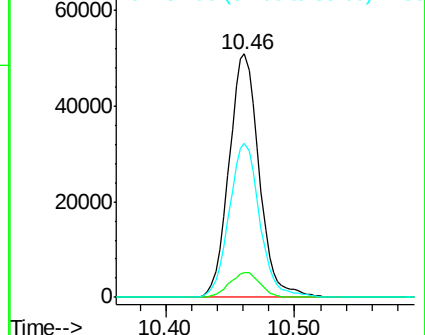
6/27/2018 11:19:47 AM



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 22.18 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024875.D

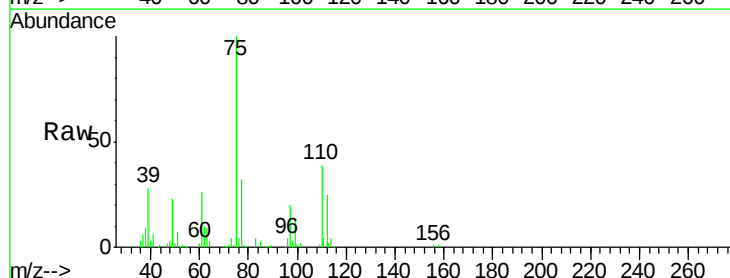
Acq: 25 Jun 2018 15:19

Tgt Ion: 75 Resp: 72445

Ion Ratio Lower Upper

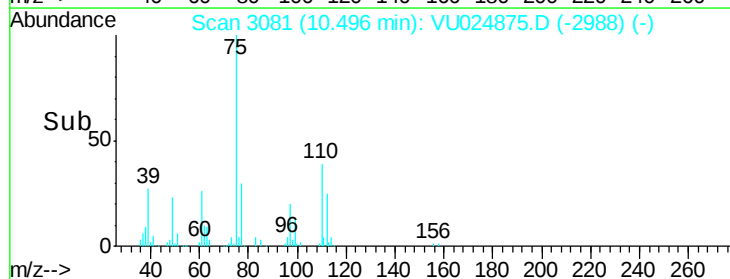
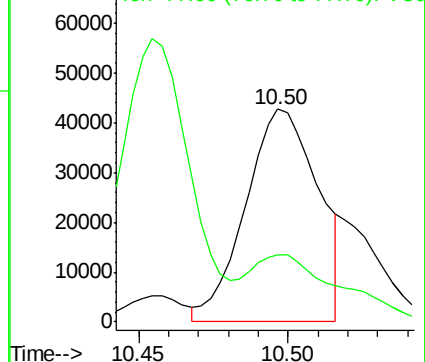
75 100

77 38.6 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 20.98 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

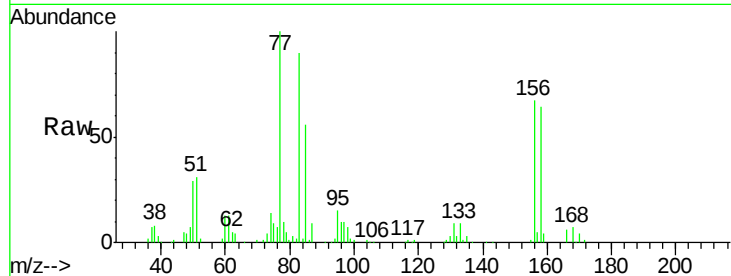
VU0625MBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	151.2	80.5	241.3	
158	94.6	48.2	144.6	

Manual Integrations
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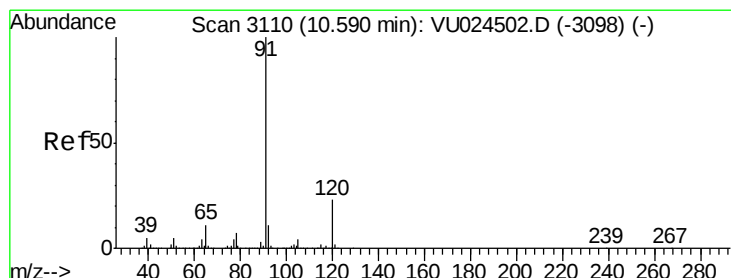
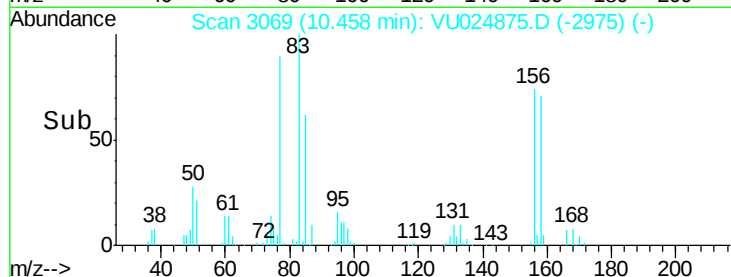
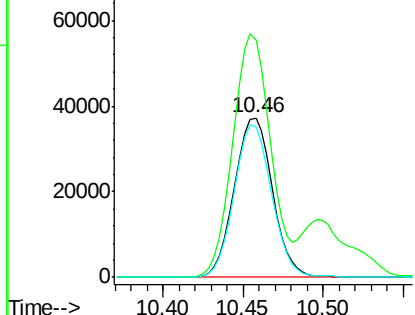
6/27/2018 11:19:47 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.84 ug/l

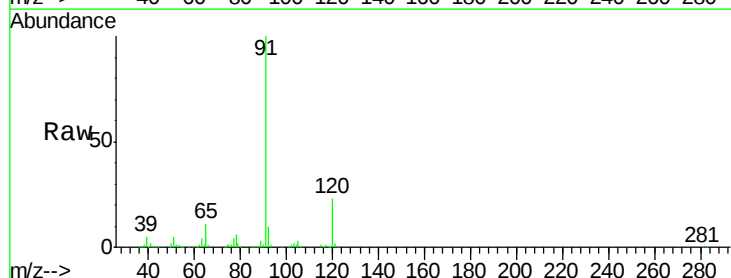
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024875.D

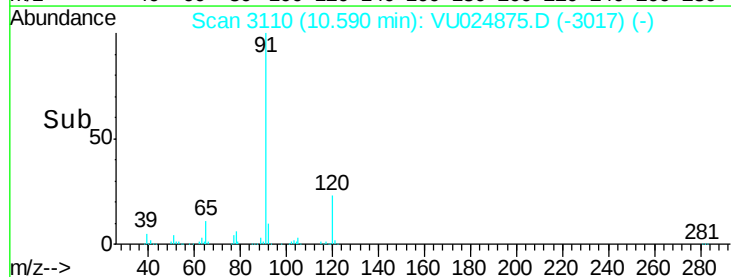
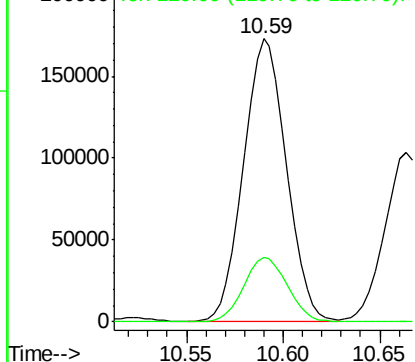
Acq: 25 Jun 2018 15:19

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.3	11.2	33.5	



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.57 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion: 91 Resp: 162716

Ion Ratio Lower Upper

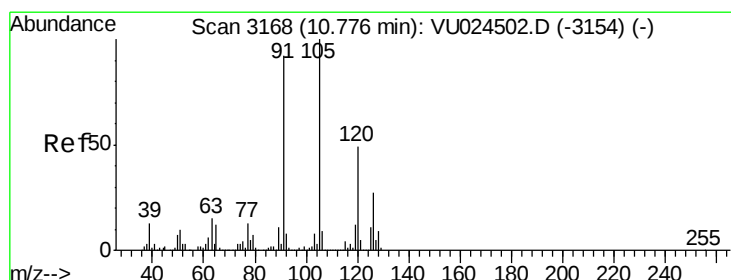
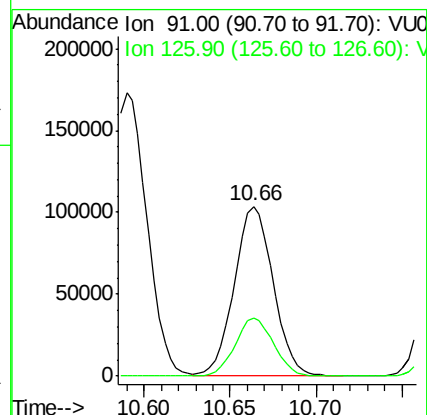
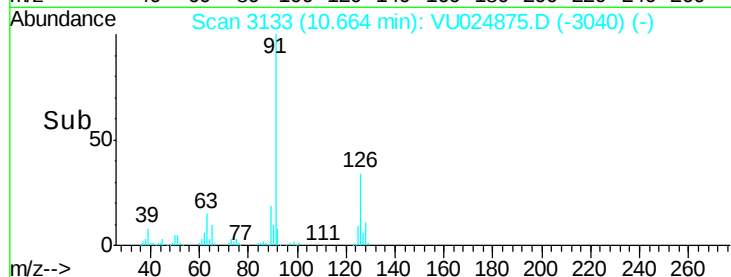
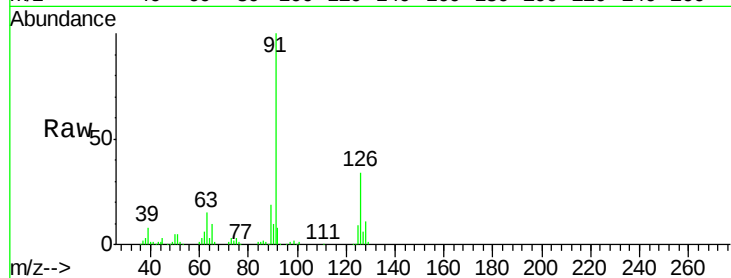
91 100

126 34.1 16.9 50.7

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.60 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024875.D

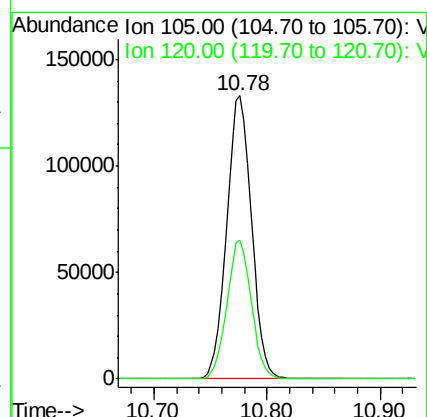
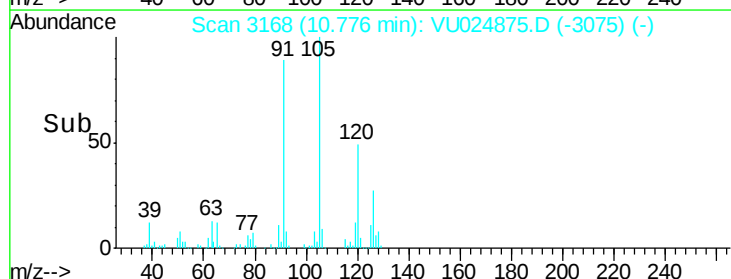
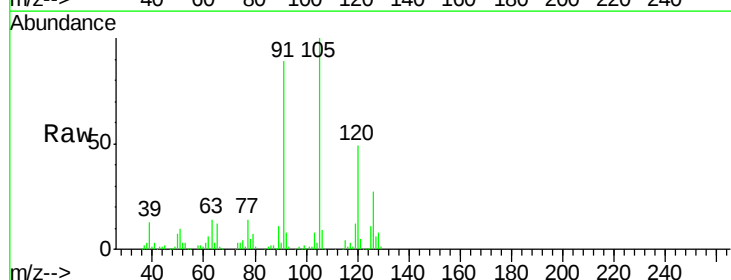
Acq: 25 Jun 2018 15:19

Tgt Ion: 105 Resp: 203310

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.14 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U

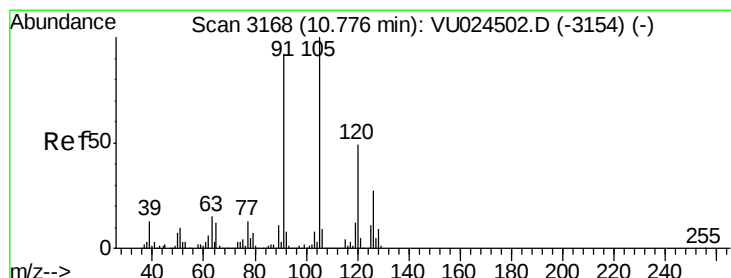
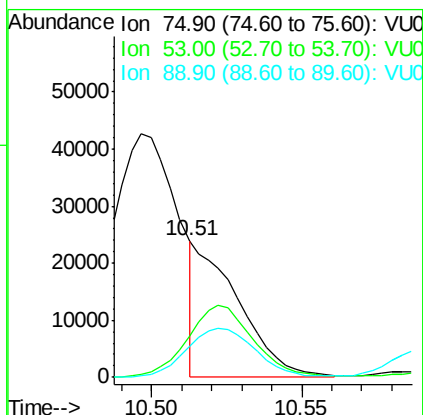
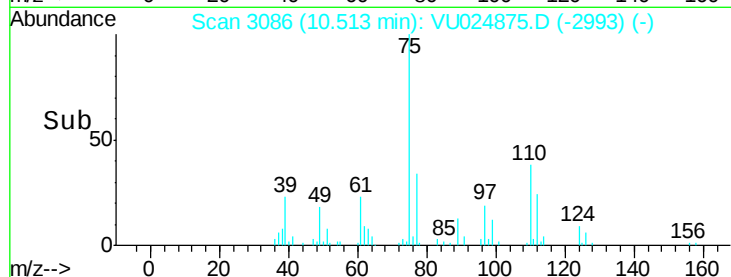
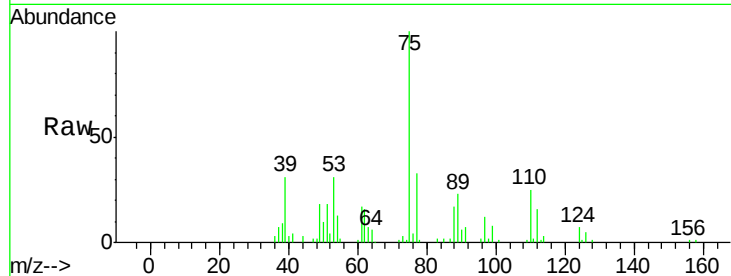
ClientSampled :
VU0625MBS01

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

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.01 ug/l

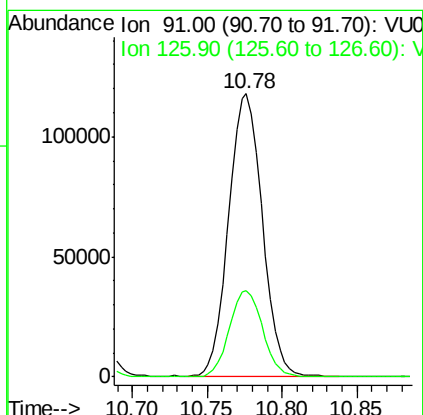
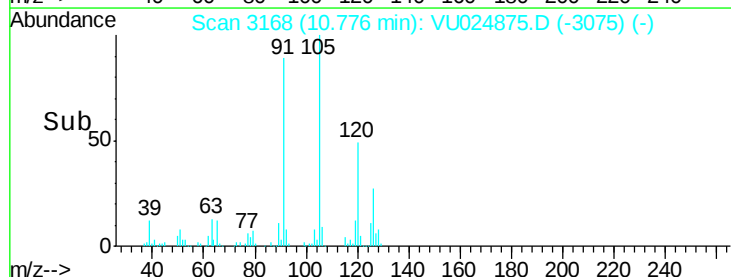
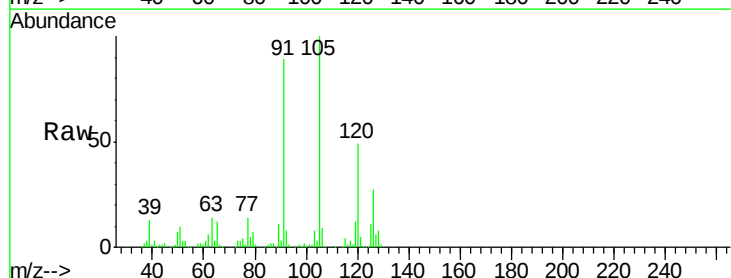
RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	14.9	44.9





#83
tert-Butylbenzene
Concen: 21.56 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

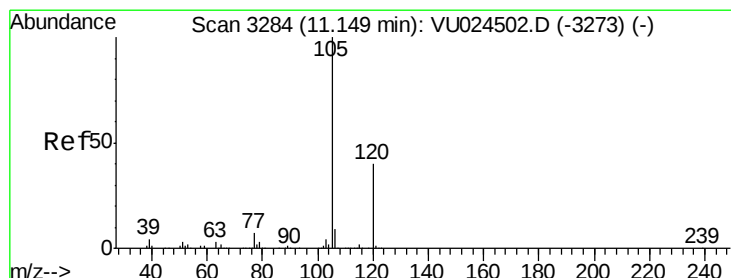
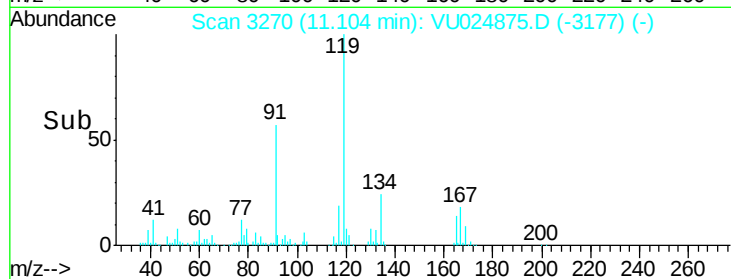
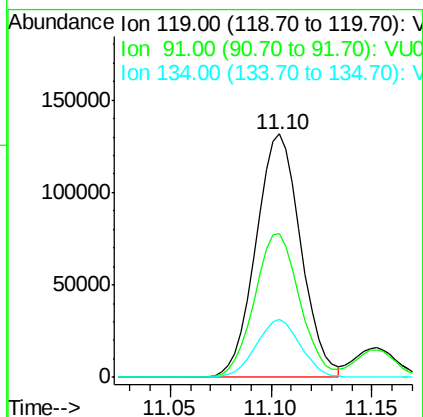
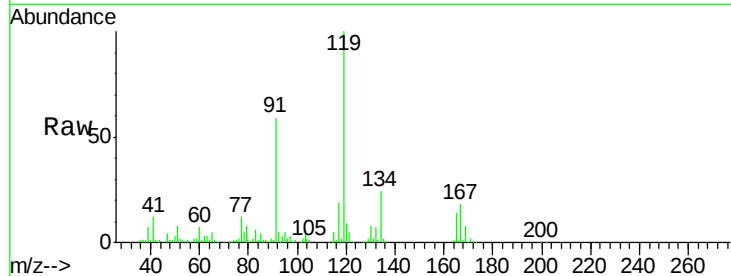
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.7	89.1
134	23.4	11.6	34.7

Manual Integrations
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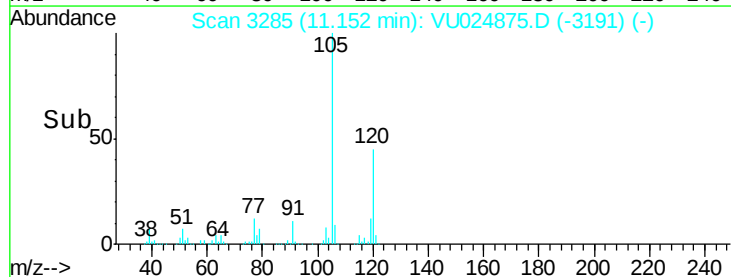
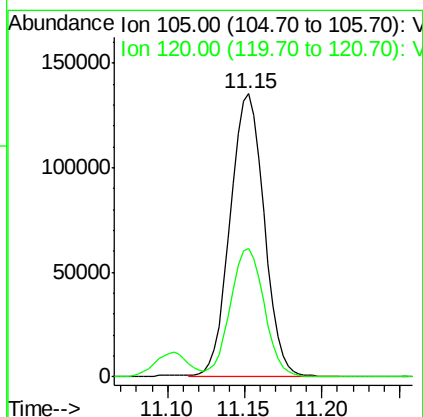
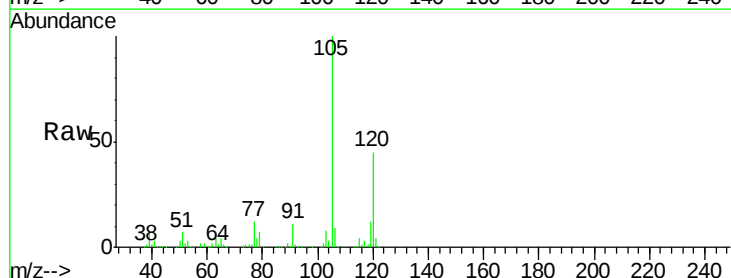
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#84
1,2,4-Trimethylbenzene
Concen: 20.45 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.61 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS01

Tot Ion:105 Resp: 244989

Ion Ratio Lower Upper

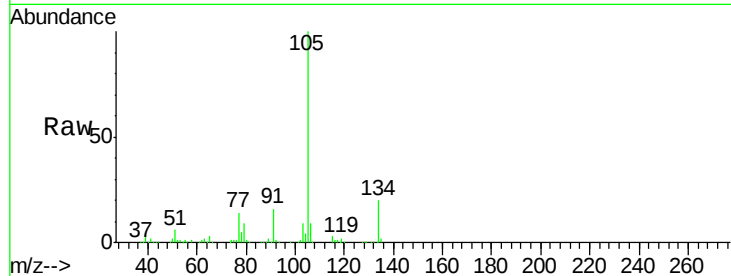
105 100

134 20.0 9.7 29.1

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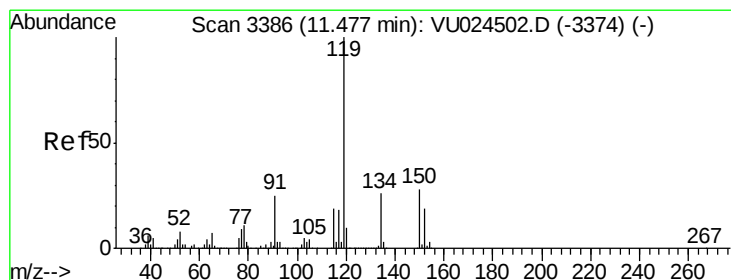
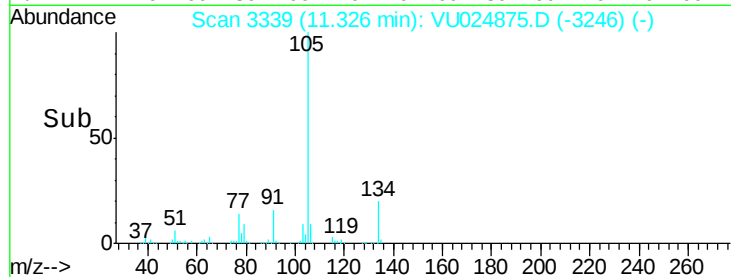
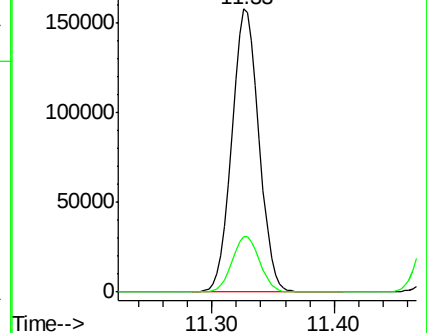
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.14 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

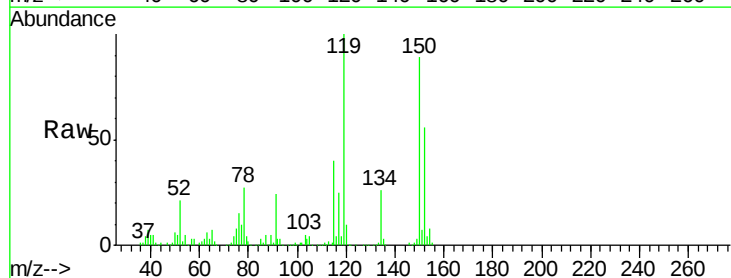
Tgt Ion:119 Resp: 214413

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

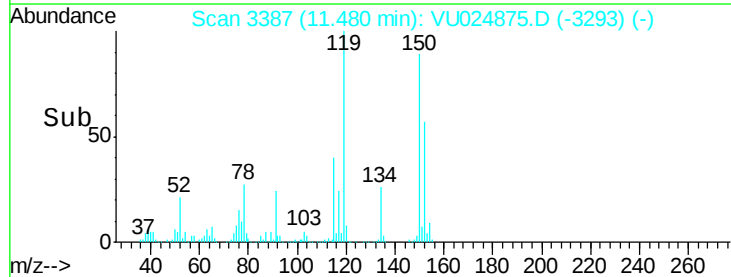
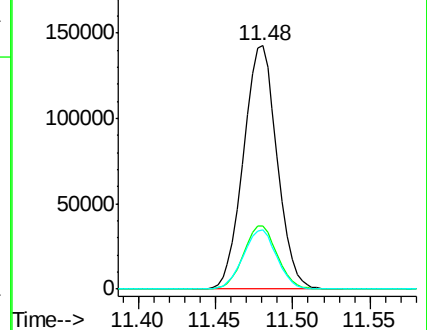
91 24.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87
 1,3-Dichlorobenzene
 Concen: 20.42 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

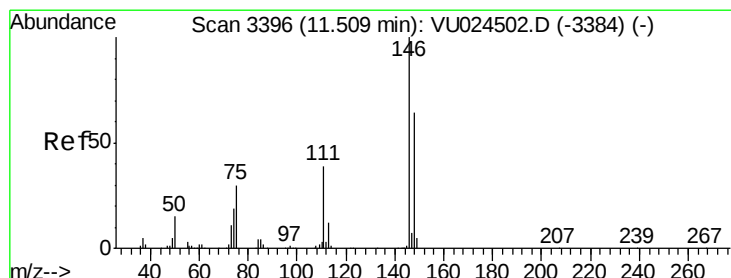
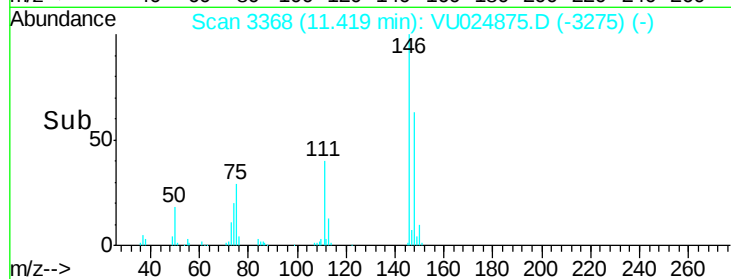
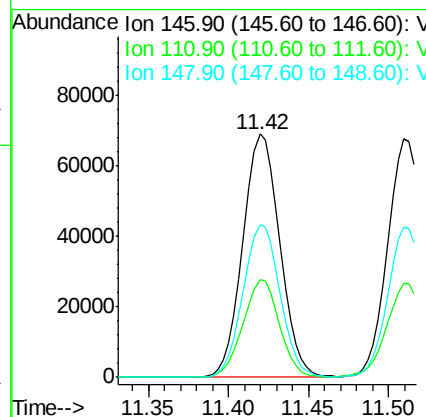
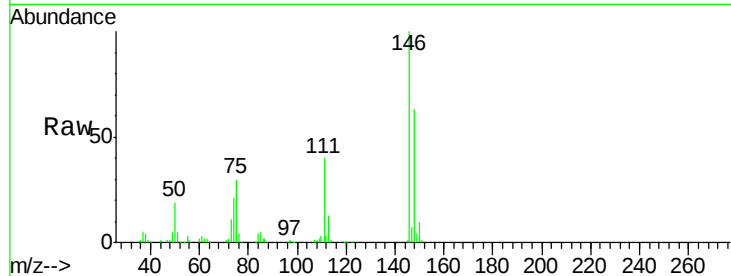
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	62.7	32.1	96.5

Manual Integrations
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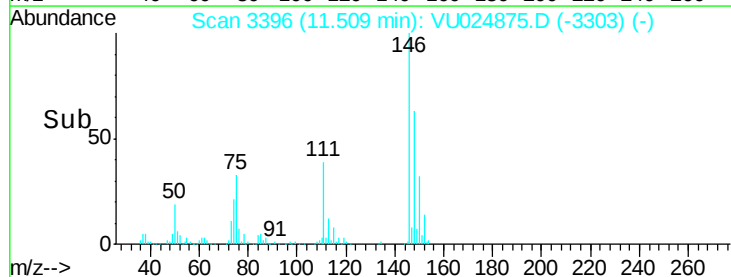
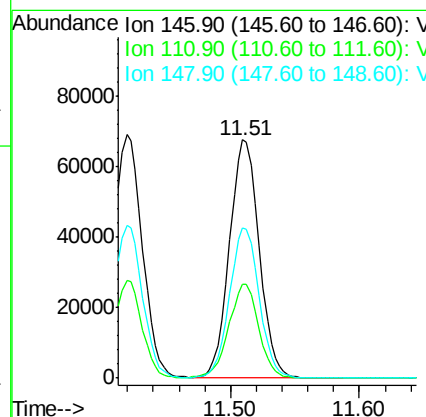
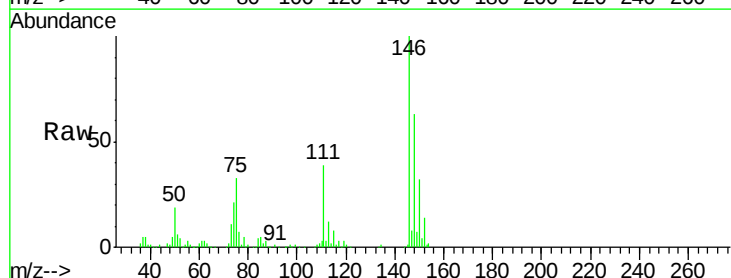
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#88
 1,4-Dichlorobenzene
 Concen: 20.18 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	63.0	32.4	97.0





#89
n-Butylbenzene
Concen: 18.29 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

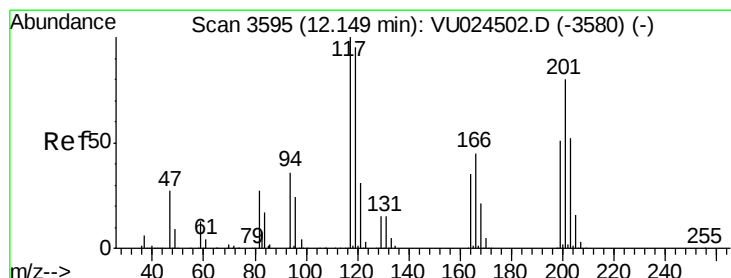
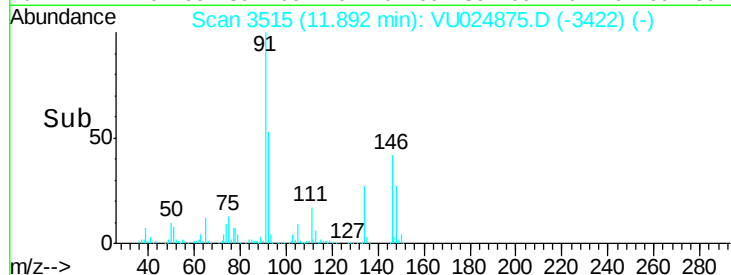
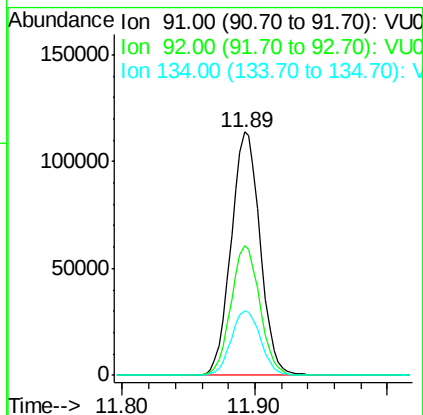
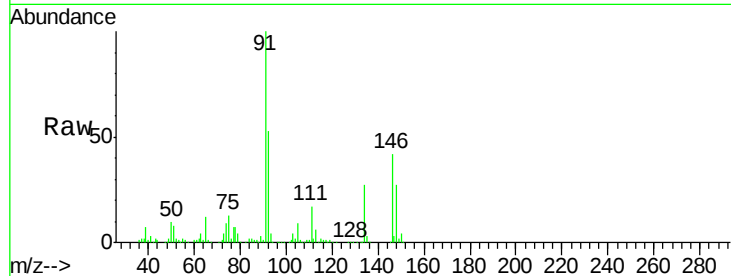
Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.6	76.8
134	27.1	12.3	36.8

Manual Integrations
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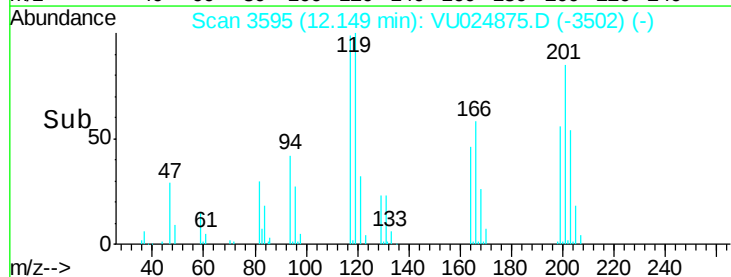
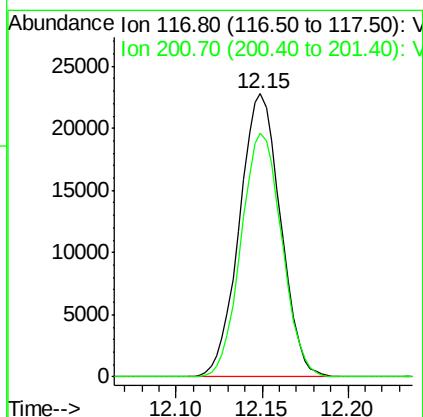
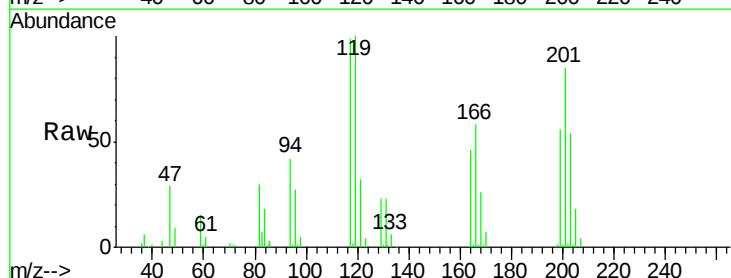
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#90
Hexachloroethane
Concen: 18.21 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	41.1	123.3





#91

1,2-Dichlorobenzene

Concen: 20.99 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

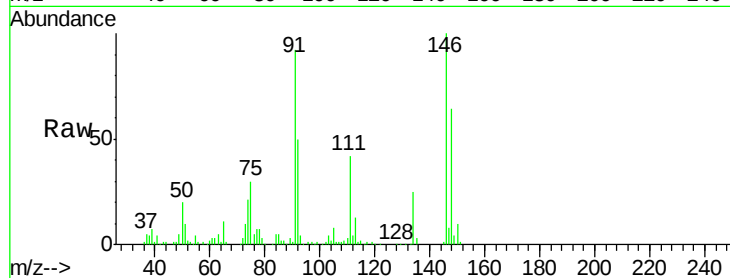
VU0625MBS01

Tot Ion:	146	Resp:	112017
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.5	61.6
148	64.8	31.9	95.7

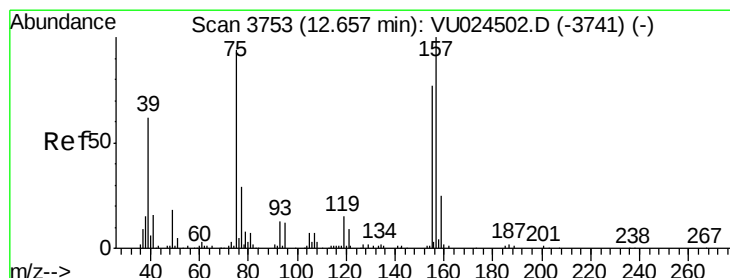
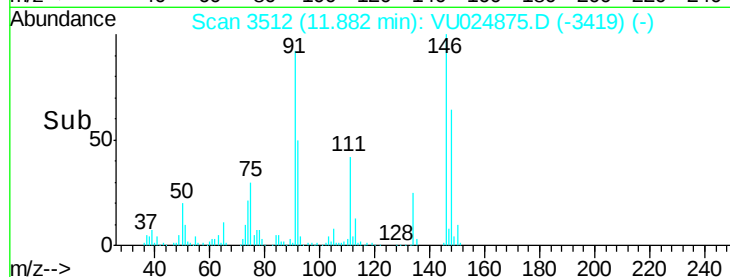
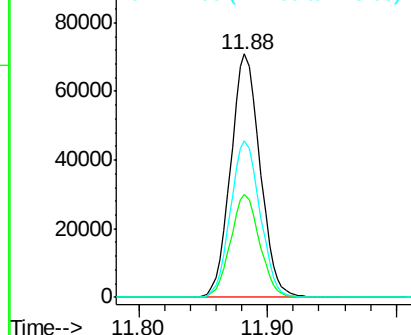
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.22 ug/l

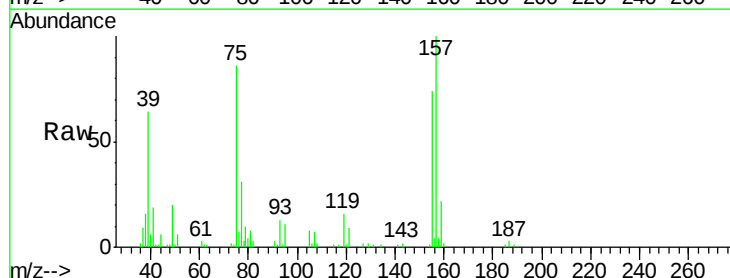
RT: 12.66 min Scan# 3753

Delta R.T. 0.00 min

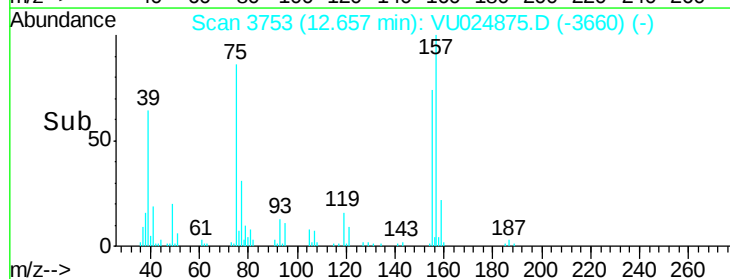
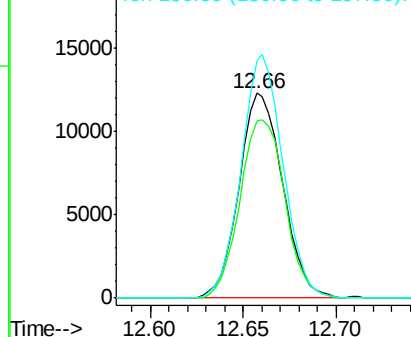
Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion:	75	Resp:	20244
Ion Ratio	Lower	Upper	
75	100		
155	89.5	40.4	121.2
157	113.5	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: 21.32 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

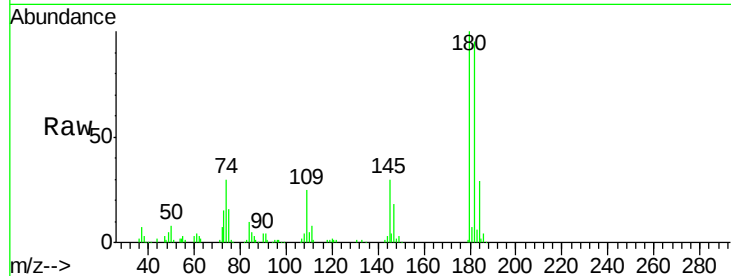
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS01

Tot Ion:	180	Resp:	70256
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.0	144.2
145	29.7	14.7	44.1

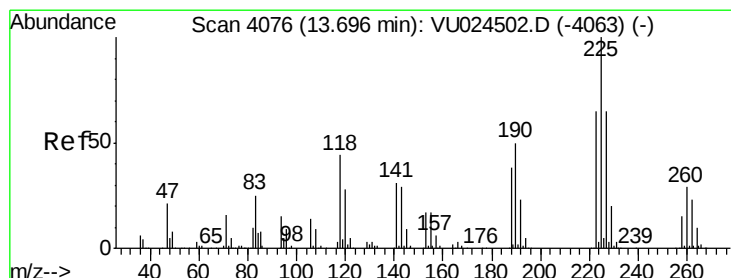
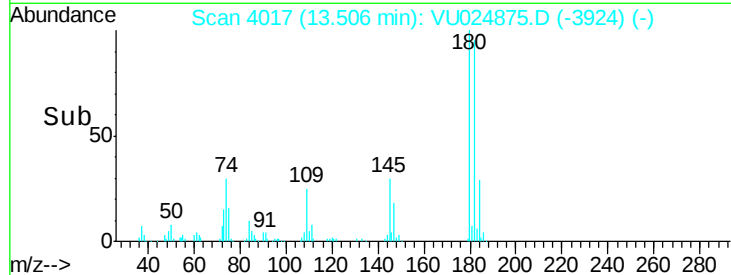
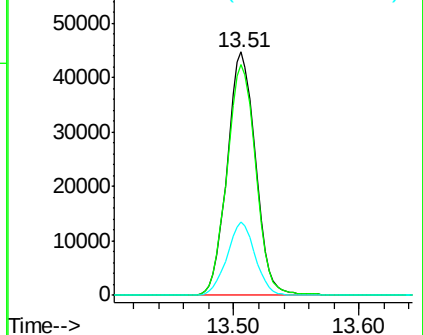
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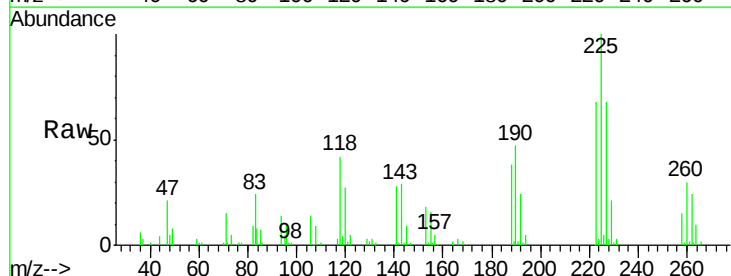


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

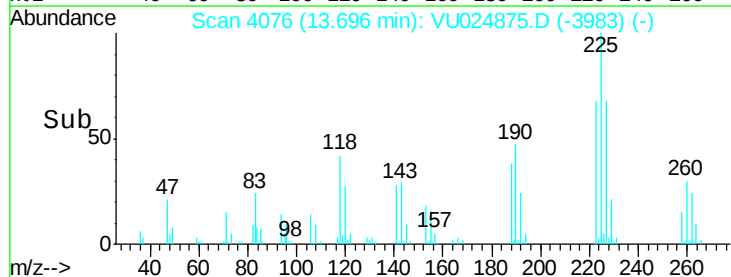
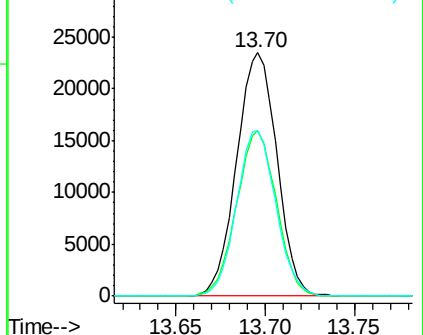


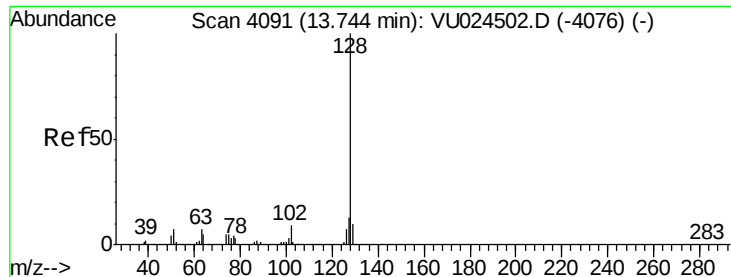
#94
 Hexachlorobutadiene
 Concen: 19.97 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion:	225	Resp:	37042
Ion Ratio	Lower	Upper	
225	100		
223	67.1	31.3	93.8
227	66.2	31.8	95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.64 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

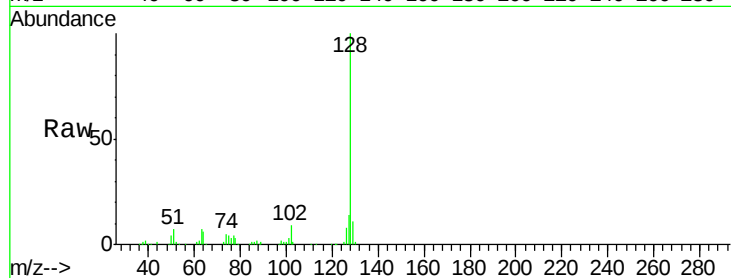
VU0625MBS01

Tot Ion:	128	Resp:	231790
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations
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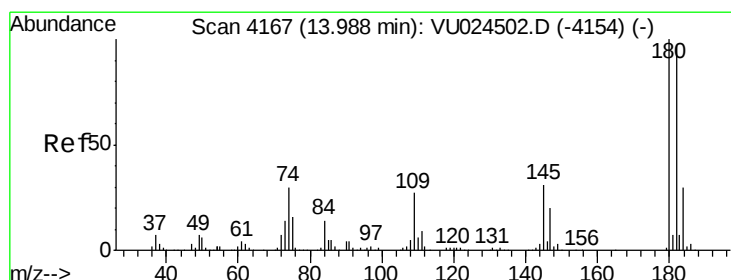
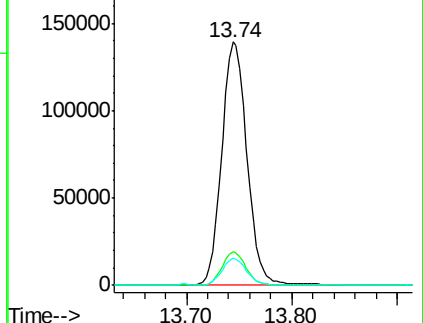
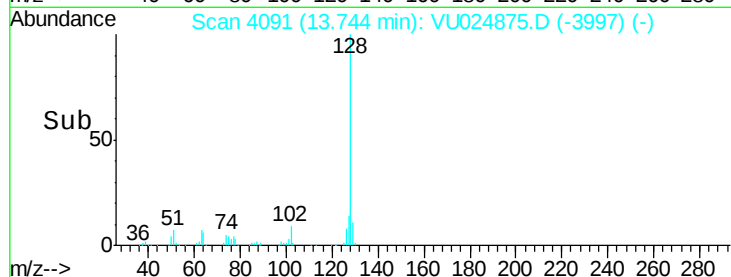
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.54 ug/l

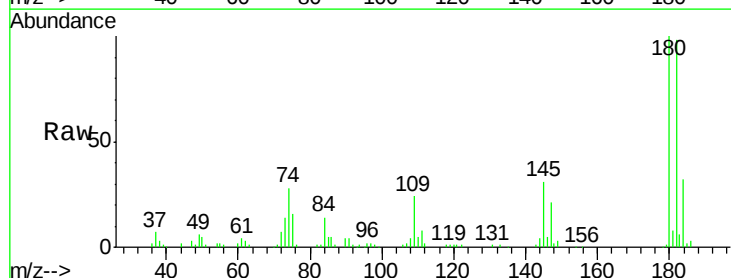
RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion:	180	Resp:	73996
Ion Ratio		Lower	Upper
180	100		
182	96.2	47.9	143.7
145	31.8	15.4	46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

