

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029113.D
 Acq On : 10 Jan 2019 13:03
 Operator : MD/SY
 Sample : VU0110WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

Quant Time: Jan 11 02:45:56 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	142994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	237545	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	217806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	104421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	88737	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	4.88	113	75997	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	7.56	98	295451	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	10.30	95	103870	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	26847	18.932	ug/l	99
3) Chloromethane	1.33	50	40578	17.473	ug/l	99
4) Vinyl Chloride	1.40	62	40115	19.196	ug/l	99
5) Bromomethane	1.62	94	24200	20.747	ug/l	100
6) Chloroethane	1.69	64	25229	20.268	ug/l	99
7) Trichlorofluoromethane	1.88	101	46742	20.526	ug/l	98
8) Diethyl Ether	2.10	74	22760	20.804	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	30132	19.776	ug/l	98
10) Methyl Iodide	2.41	142	31143	21.738	ug/l	99
11) Tert butyl alcohol	2.83	59	50439	112.256	ug/l	99
12) 1,1-Dichloroethene	2.28	96	30116	20.307	ug/l	97
13) Acrolein	2.19	56	29971	88.832	ug/l	100
14) Allyl chloride	2.59	41	49196	18.079	ug/l	92
15) Acrylonitrile	2.93	53	116039	105.267	ug/l	100
16) Acetone	2.32	43	95091	85.393	ug/l	98
17) Carbon Disulfide	2.48	76	88682	17.698	ug/l	99
18) Methyl Acetate	2.61	43	56827	21.947	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	106752	20.474	ug/l	99
20) Methylene Chloride	2.70	84	36844	19.487	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	32982	19.142	ug/l	98
22) Diisopropyl ether	3.57	45	107758	20.037	ug/l	94
23) Vinyl Acetate	3.52	43	439412	99.945	ug/l	99
24) 1,1-Dichloroethane	3.44	63	61929	19.948	ug/l	99
25) 2-Butanone	4.26	43	152211	101.201	ug/l	99
26) 2,2-Dichloropropane	4.22	77	48871	19.482	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	37814	20.066	ug/l	99
28) Bromochloromethane	4.55	49	27354	20.577	ug/l	98
29) Tetrahydrofuran	4.64	42	97424	106.798	ug/l	98
30) Chloroform	4.67	83	60234	20.370	ug/l	99
31) Cyclohexane	4.99	56	58016	19.102	ug/l	96
32) 1,1,1-Trichloroethane	4.91	97	50395	20.625	ug/l	99
36) 1,1-Dichloropropene	5.13	75	44881	18.902	ug/l	98
37) Ethyl Acetate	4.38	43	54292	20.831	ug/l	100
38) Carbon Tetrachloride	5.13	117	38691	19.538	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	55350	18.962	ug/l	96
40) Benzene	5.39	78	146621	19.797	ug/l	98
41) Methacrylonitrile	4.54	41	28856	20.684	ug/l	99
42) 1,2-Dichloroethane	5.40	62	45577	20.479	ug/l	98
43) Isopropyl Acetate	5.55	43	83476	20.880	ug/l	99
44) Trichloroethene	6.18	130	34860	18.996	ug/l	98
45) 1,2-Dichloropropane	6.43	63	39223	20.054	ug/l	100
46) Dibromomethane	6.56	93	25058	20.042	ug/l	97
47) Bromodichloromethane	6.75	83	45596	19.807	ug/l	99
48) Methyl methacrylate	6.62	41	41434	21.284	ug/l	98
49) 1,4-Dioxane	6.61	88	21729	470.995	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	283994	104.377	ug/l	99
52) Toluene	7.63	92	87281	19.358	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	53301	19.275	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	58938	19.724	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	36277	20.084	ug/l	97
56) Ethyl methacrylate	8.02	69	55026	19.774	ug/l	99
57) 1,3-Dichloropropane	8.24	76	61947	20.043	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	119511	97.655	ug/l	99
59) 2-Hexanone	8.36	43	218654	102.377	ug/l	99
60) Dibromochloromethane	8.48	129	34603	19.337	ug/l	98
61) 1,2-Dibromoethane	8.58	107	38998	19.907	ug/l	99
64) Tetrachloroethene	8.22	164	31202	19.887	ug/l	97
65) Chlorobenzene	9.12	112	95792	19.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	31766	20.049	ug/l	99
67) Ethyl Benzene	9.25	91	164824	20.221	ug/l	99
68) m/p-Xylenes	9.37	106	128012	40.419	ug/l	99
69) o-Xylene	9.78	106	62930	20.622	ug/l	98
70) Styrene	9.79	104	99032	19.796	ug/l	100
71) Bromoform	9.95	173	27678	19.619	ug/l #	99
73) Isopropylbenzene	10.16	105	157524	20.381	ug/l	100
74) N-amyl acetate	10.01	43	67985	20.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	63455	20.485	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	72739	28.431	ug/l	83
77) Bromobenzene	10.45	156	41058	20.385	ug/l	97
78) n-propylbenzene	10.58	91	189134	20.765	ug/l	99
79) 2-Chlorotoluene	10.66	91	112833	20.421	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	134456	20.832	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	72739	73.324	ug/l #	100
82) 4-Chlorotoluene	10.77	91	125844	19.863	ug/l	99
83) tert-Butylbenzene	11.10	119	129795	20.403	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	143977	22.343	ug/l	99
85) sec-Butylbenzene	11.32	105	161260	20.960	ug/l	99
86) p-Isopropyltoluene	11.48	119	136004	20.745	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	72241	19.554	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	71359	18.712	ug/l	99
89) n-Butylbenzene	11.89	91	120375	20.572	ug/l	100
90) Hexachloroethane	12.14	117	20925	18.973	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	72415	19.460	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	12876	21.612	ug/l	96

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QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

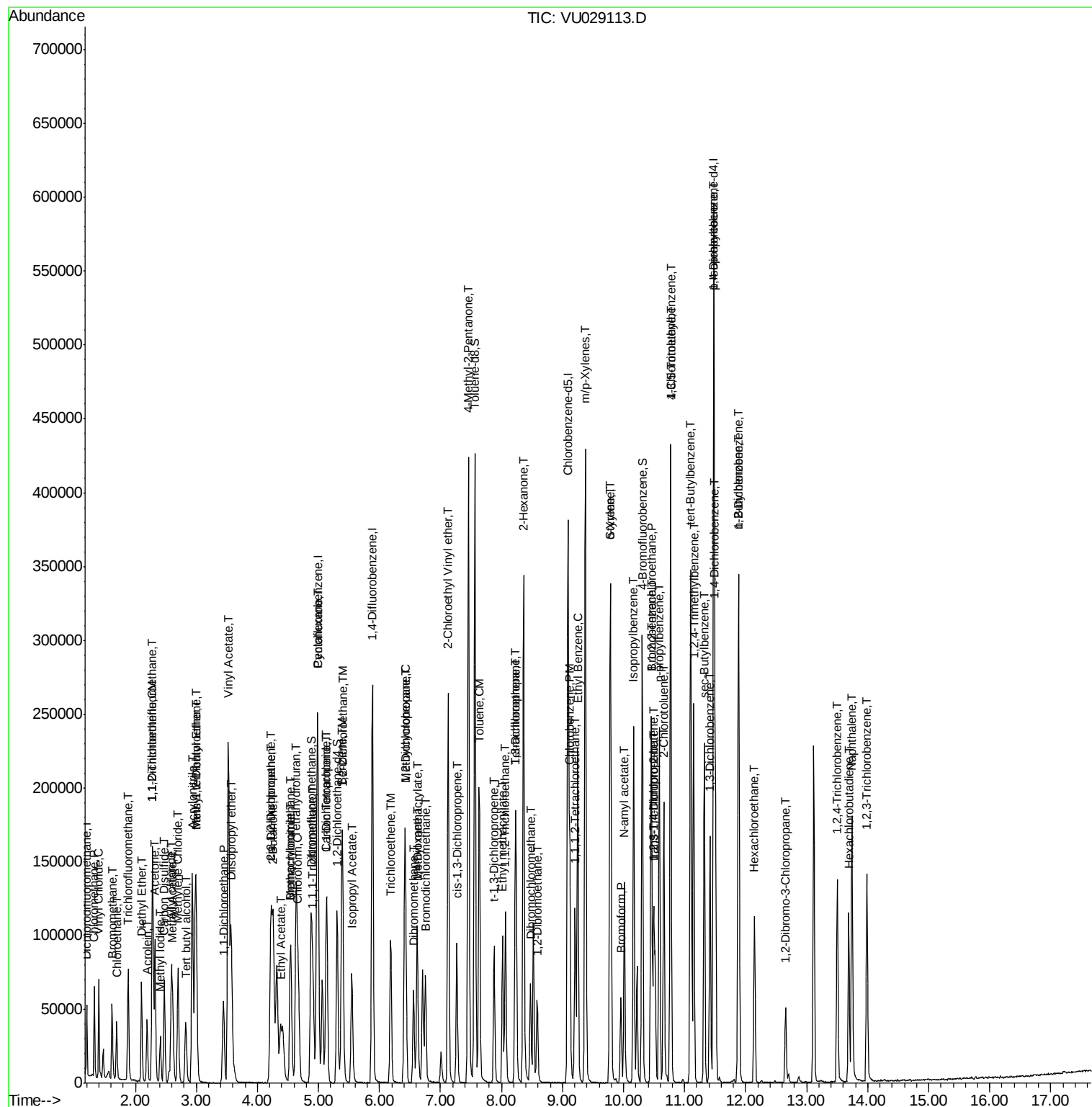
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	45901	19.324	ug/l	99
94) Hexachlorobutadiene	13.69	225	23006	21.175	ug/l	98
95) Naphthalene	13.74	128	156072	19.314	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	48551	20.322	ug/l	99

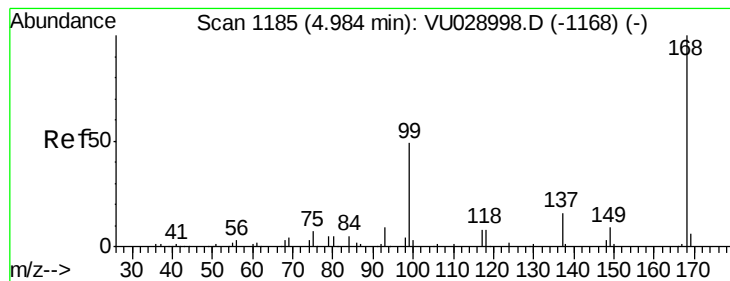
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

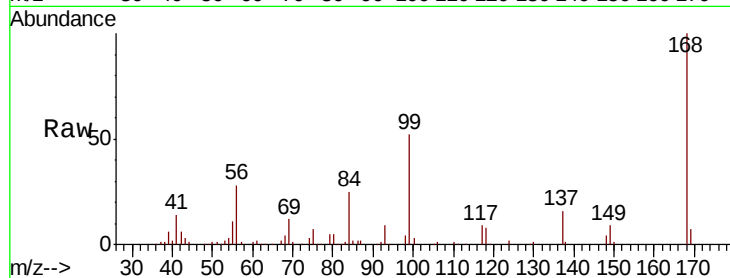
VU0110WBS01

Tgt Ion:168 Resp: 142994

Ion Ratio Lower Upper

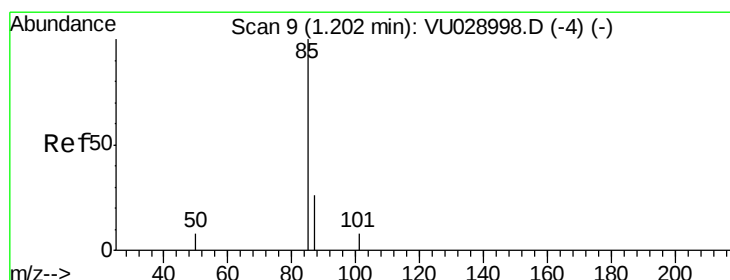
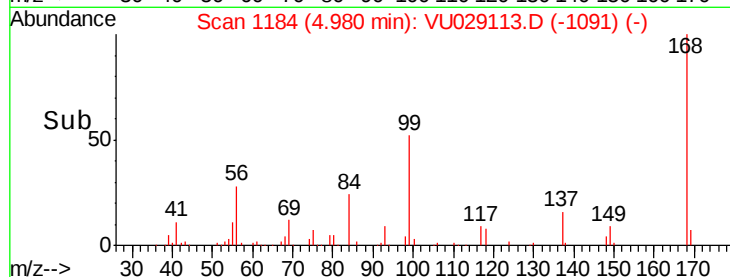
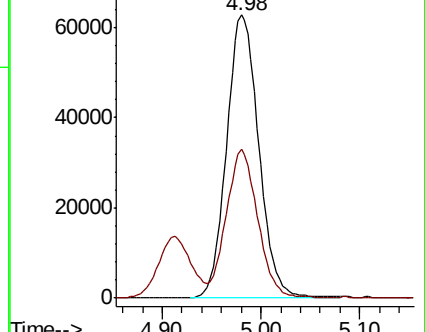
168 100

99 52.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU029113.D (-1091) (-)



#2

Dichlorodifluoromethane

Concen: 18.932 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029113.D

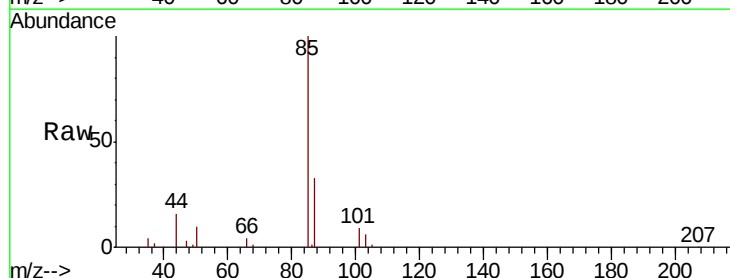
Acq: 10 Jan 2019 13:03

Tgt Ion: 85 Resp: 26847

Ion Ratio Lower Upper

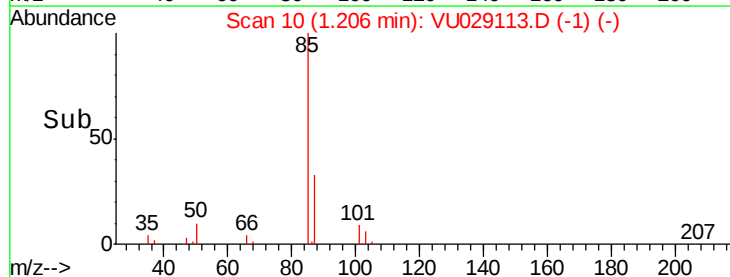
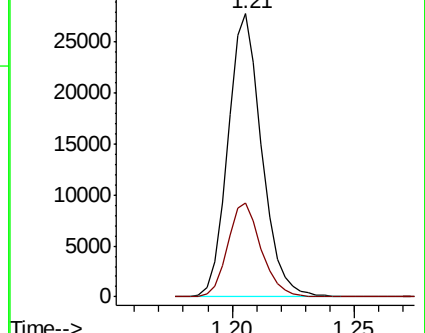
85 100

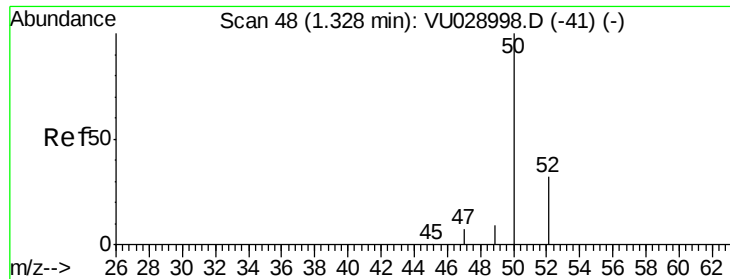
87 33.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028998.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VU029113.D (-1) (-)

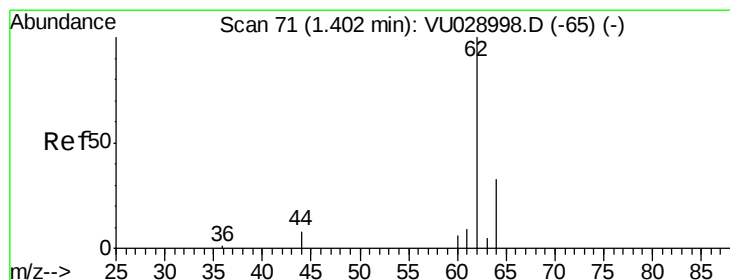
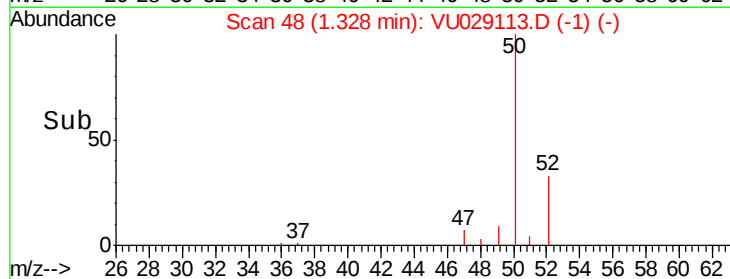
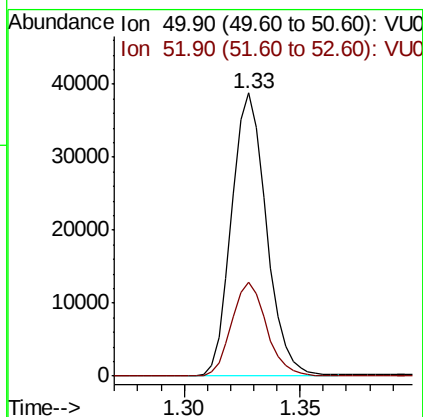
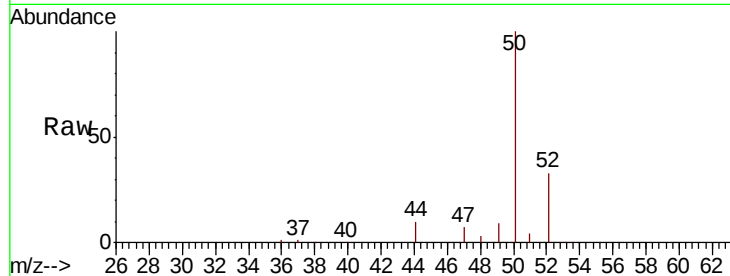




#3
Chloromethane
Concen: 17.473 ug/l
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

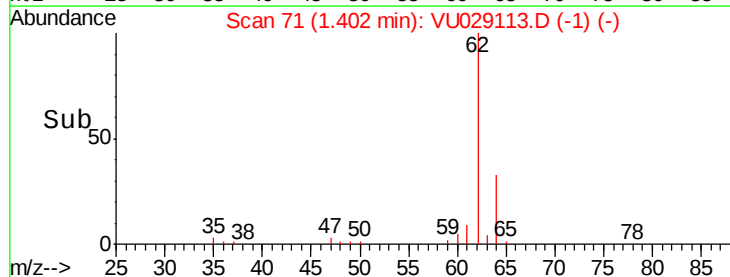
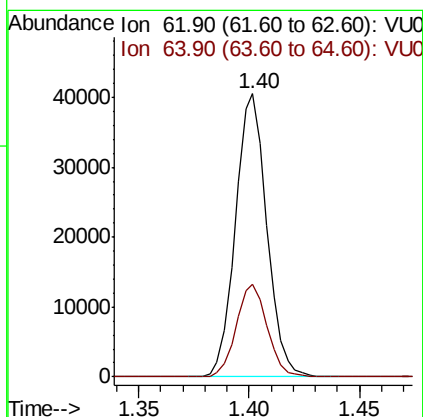
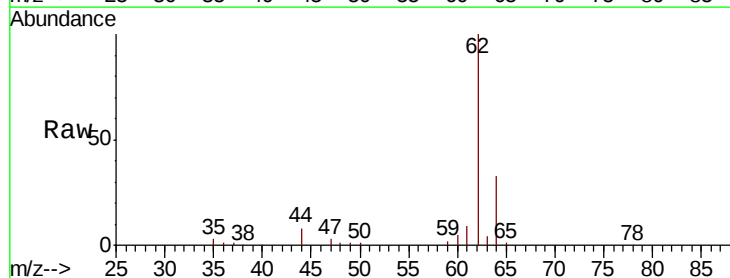
Instrument :
MSVOA_U
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VU0110WBS01

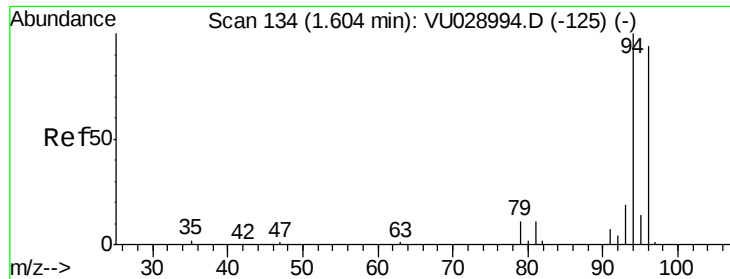
Tgt Ion: 50 Resp: 40578
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1



#4
Vinyl Chloride
Concen: 19.196 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 62 Resp: 40115
Ion Ratio Lower Upper
62 100
64 32.9 25.9 38.9





#5

Bromomethane

Concen: 20.747 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.01 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

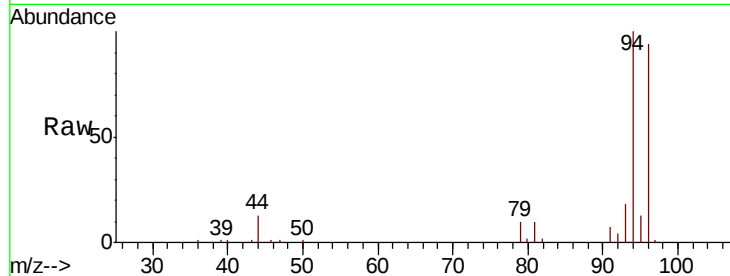
VU0110WBS01

Tgt Ion: 94 Resp: 24200

Ion Ratio Lower Upper

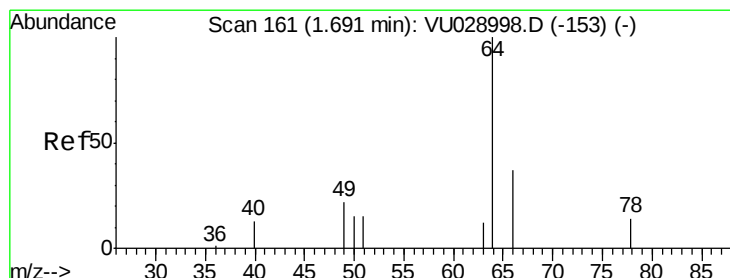
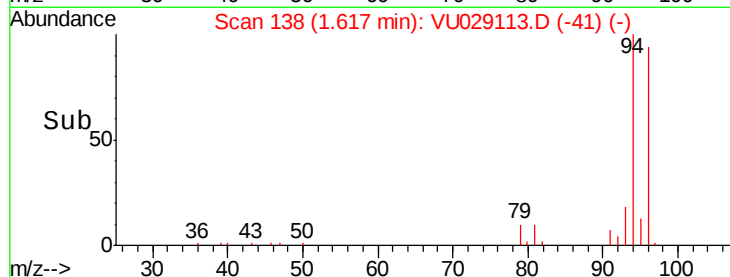
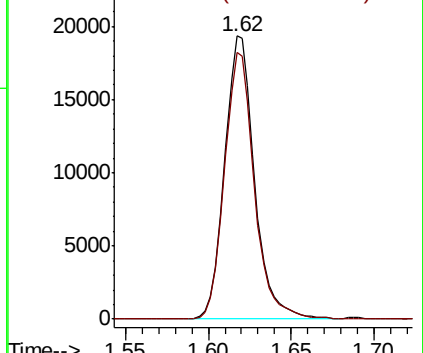
94 100

96 94.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 20.268 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU029113.D

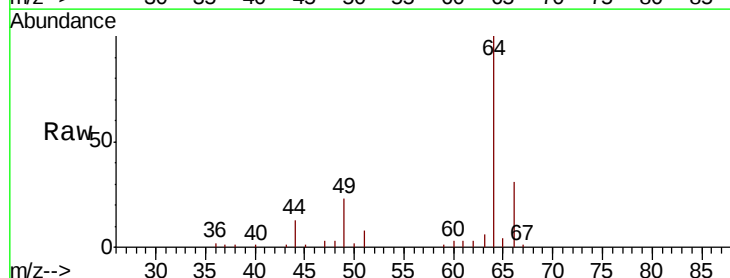
Acq: 10 Jan 2019 13:03

Tgt Ion: 64 Resp: 25229

Ion Ratio Lower Upper

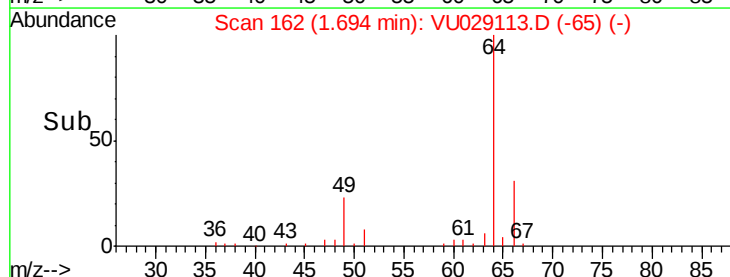
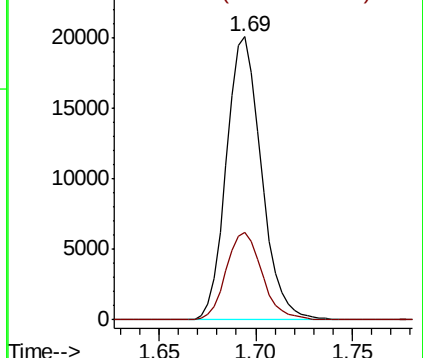
64 100

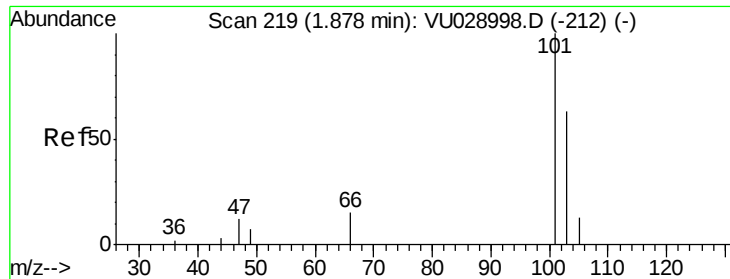
66 30.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



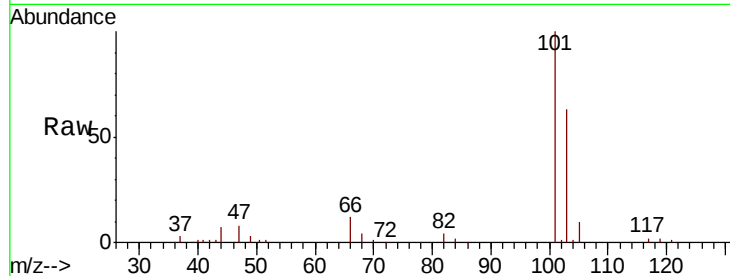


#7

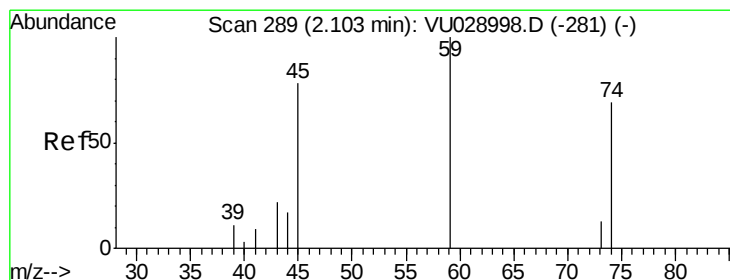
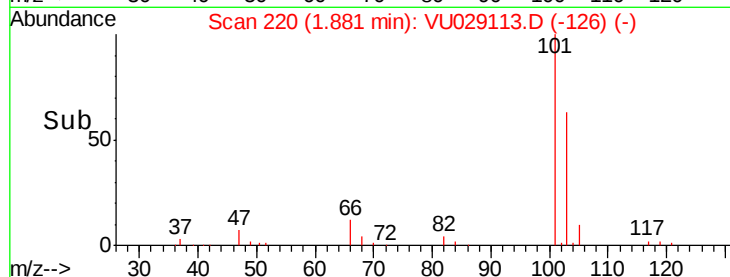
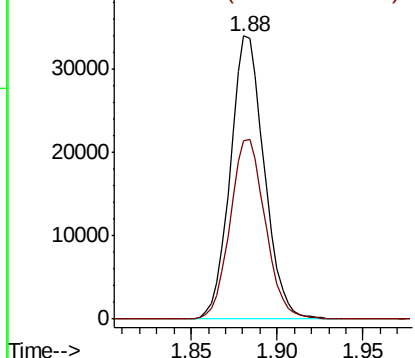
Trichlorofluoromethane
Concen: 20.526 ug/l
RT: 1.88 min Scan# 220
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Instrument :
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Tgt Ion:101 Resp: 46742
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3



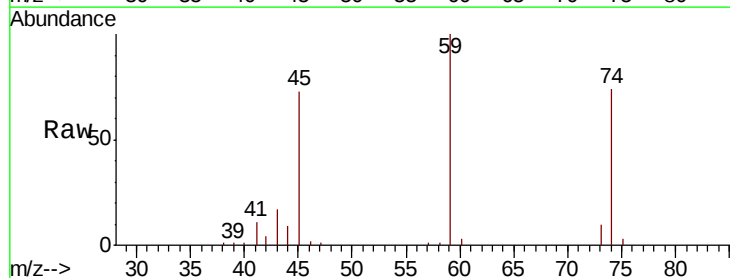
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



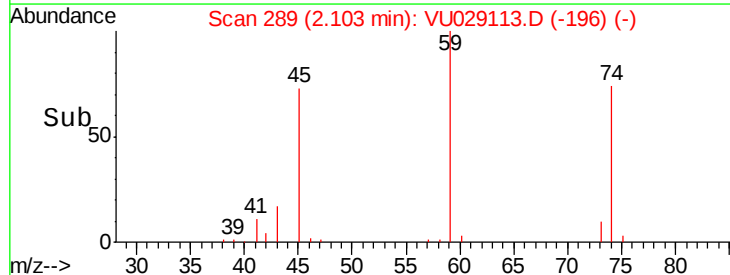
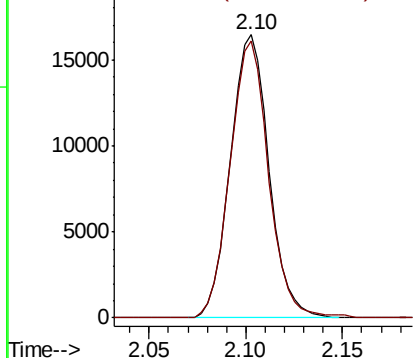
#8

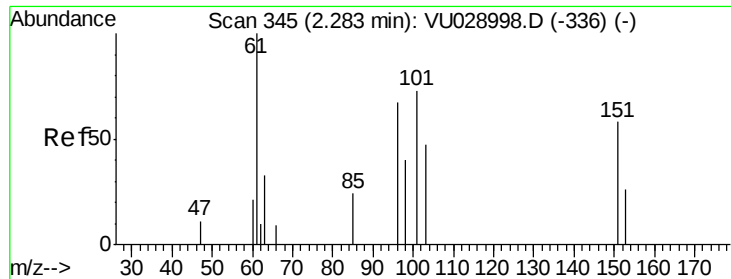
Diethyl Ether
Concen: 20.804 ug/l
RT: 2.10 min Scan# 289
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 74 Resp: 22760
Ion Ratio Lower Upper
74 100
45 97.7 46.9 140.6



Abundance Ion 74.00 (73.70 to 74.70): VU0
Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.776 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

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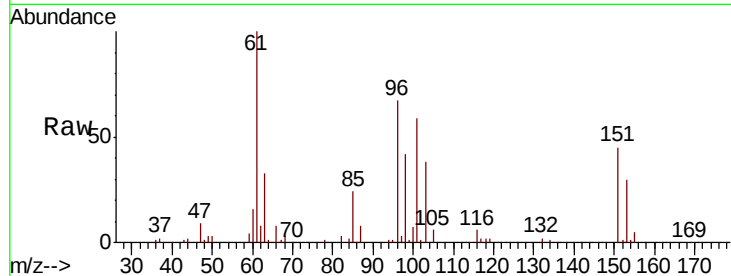
Tgt Ion:101 Resp: 30132

Ion Ratio Lower Upper

101 100

85 40.9 35.1 52.7

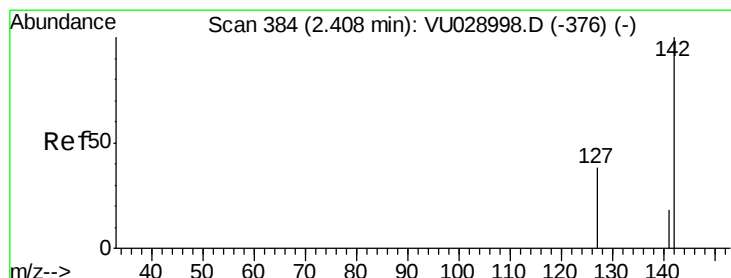
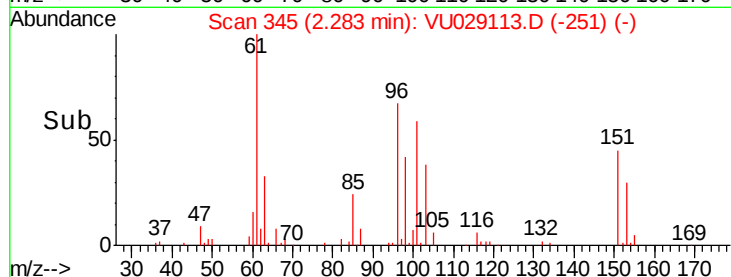
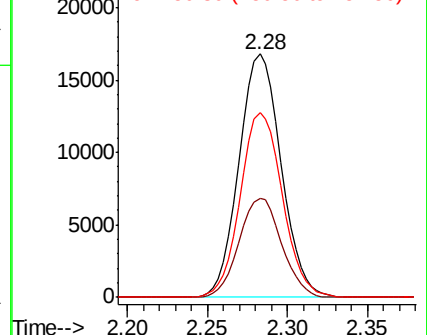
151 75.9 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.738 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

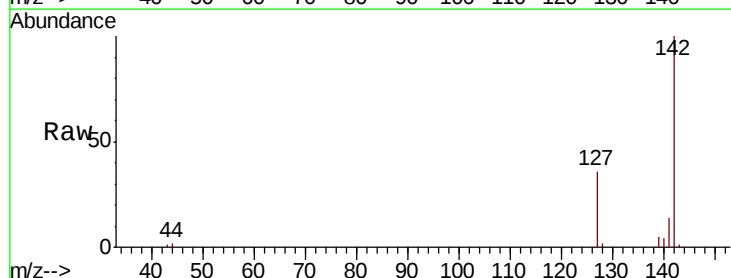
Tgt Ion:142 Resp: 31143

Ion Ratio Lower Upper

142 100

127 36.7 29.8 44.6

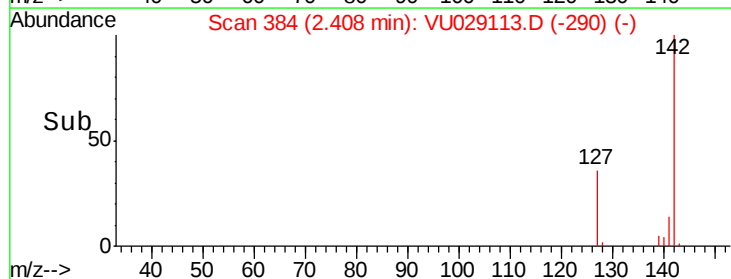
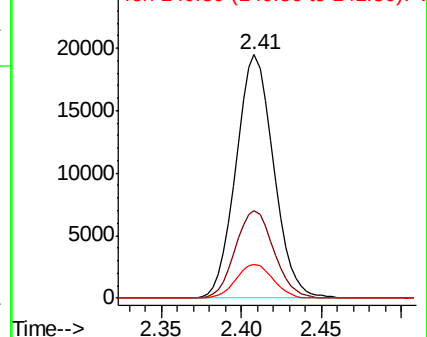
141 13.7 11.5 17.3

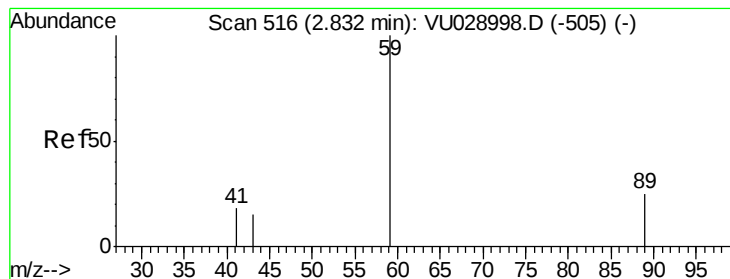


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



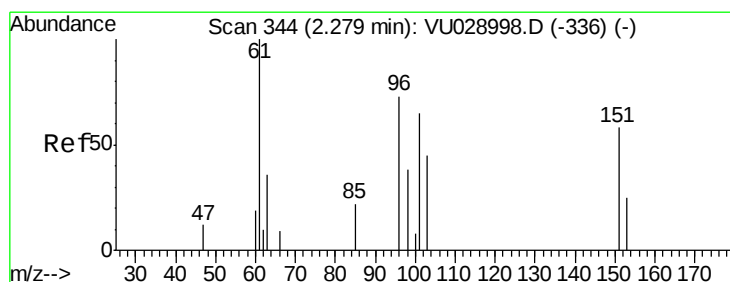
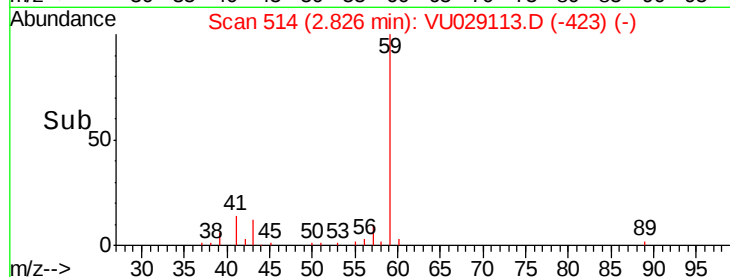
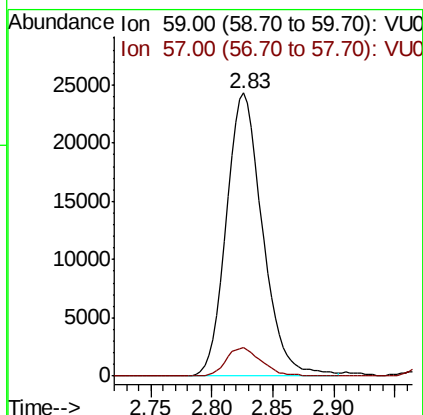
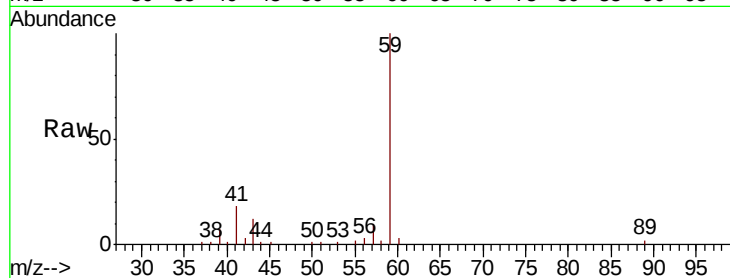


#11

Tert butyl alcohol
 Concen: 112.256 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Instrument :
 MSVOA_U
 ClientSampled :
 VU0110WBS01

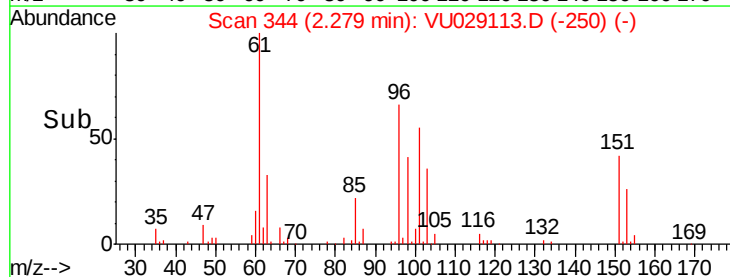
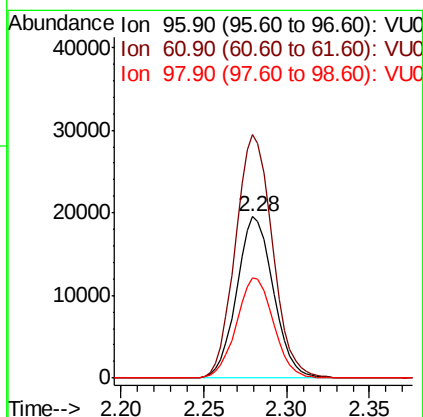
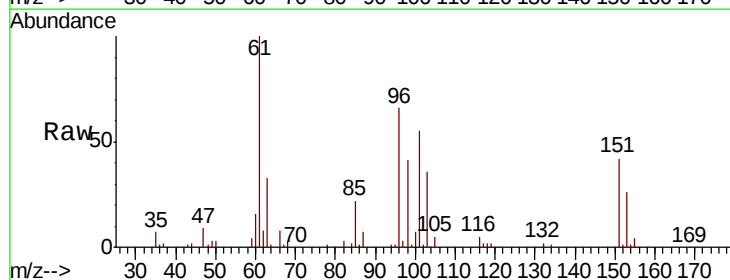
Tgt Ion: 59 Resp: 50439
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.9 11.9

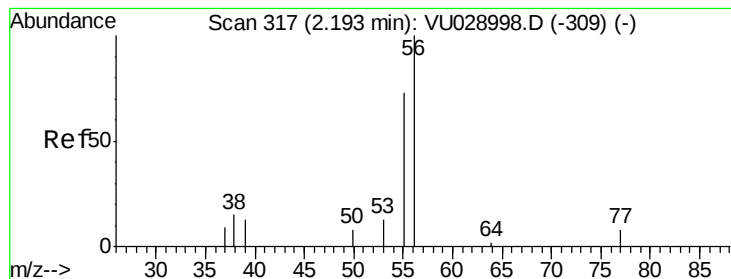


#12

1,1-Dichloroethene
 Concen: 20.307 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion: 96 Resp: 30116
 Ion Ratio Lower Upper
 96 100
 61 150.9 125.4 188.0
 98 62.0 49.7 74.5





#13

Acrolein

Concen: 88.832 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

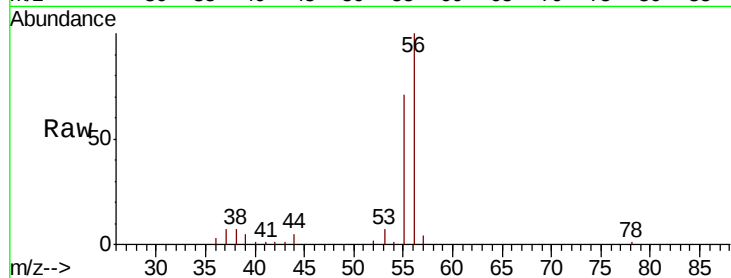
VU0110WBS01

Tgt Ion: 56 Resp: 29971

Ion Ratio Lower Upper

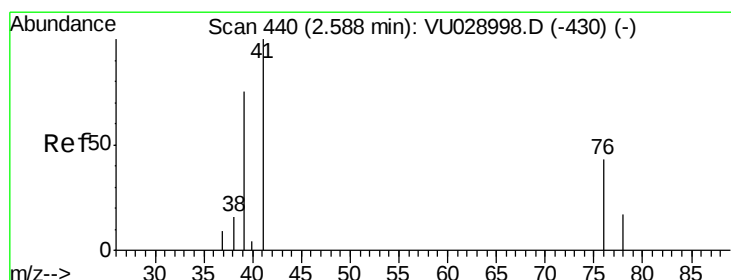
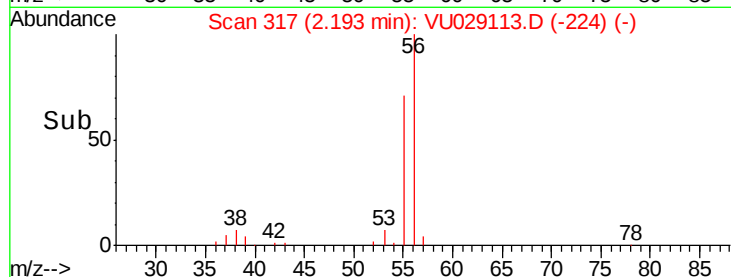
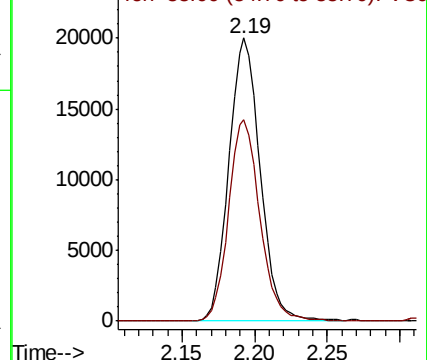
56 100

55 71.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 18.079 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

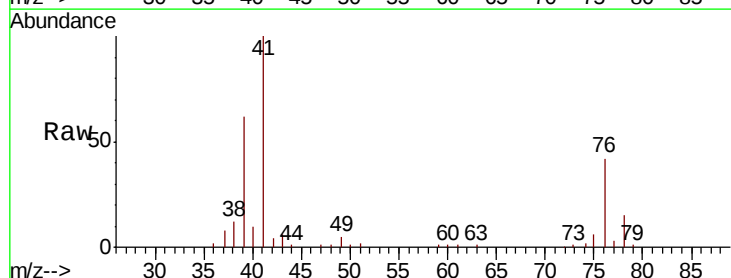
Tgt Ion: 41 Resp: 49196

Ion Ratio Lower Upper

41 100

39 62.6 45.0 67.6

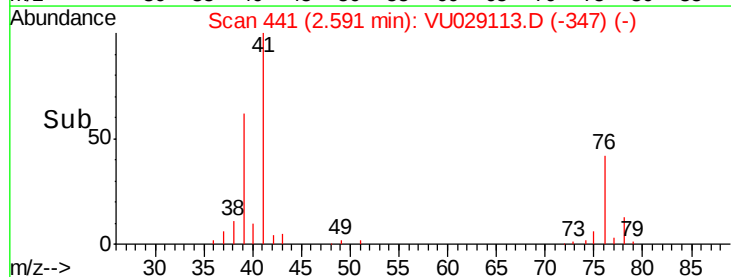
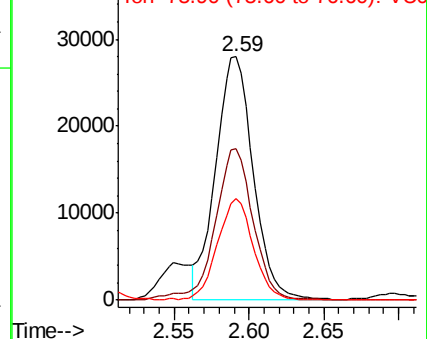
76 39.6 28.1 42.1

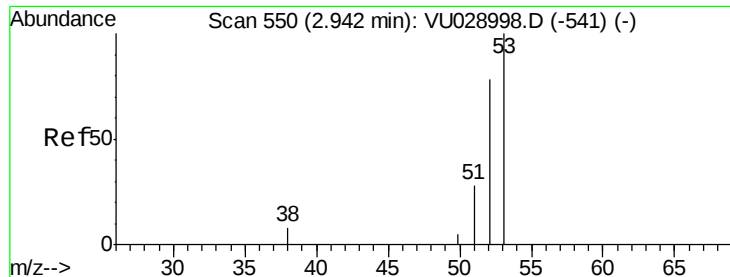


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 105.267 ug/l

RT: 2.93 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU0110WBS01

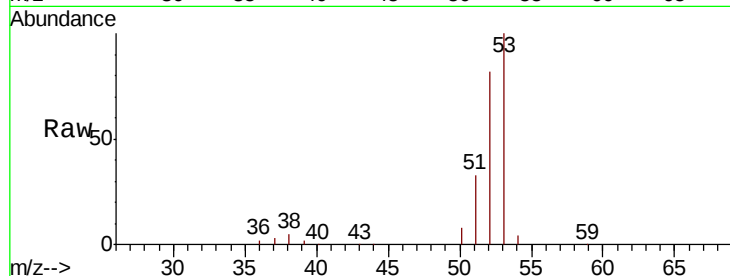
Tgt Ion: 53 Resp: 116039

Ion Ratio Lower Upper

53 100

52 81.2 64.8 97.2

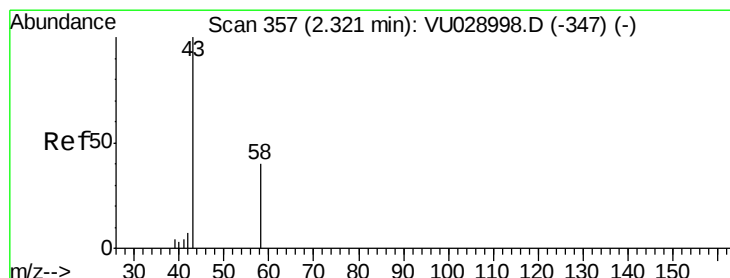
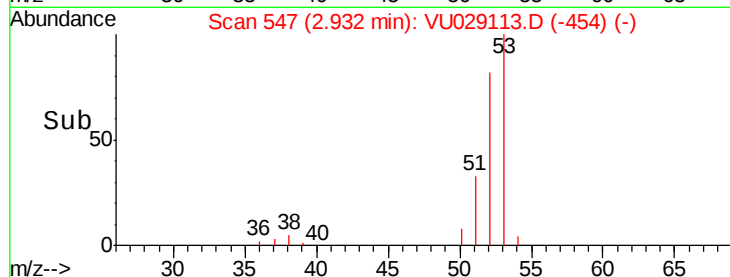
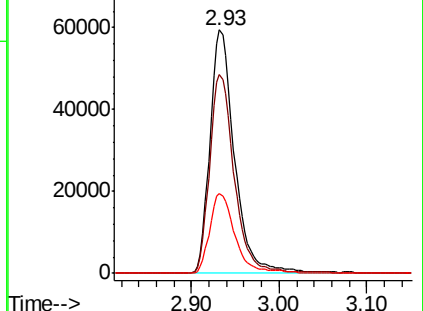
51 34.1 27.3 40.9



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 85.393 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029113.D

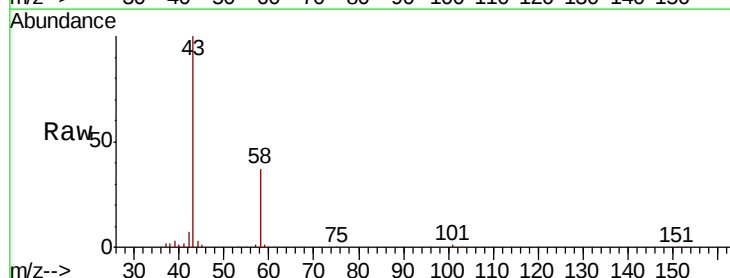
Acq: 10 Jan 2019 13:03

Tgt Ion: 43 Resp: 95091

Ion Ratio Lower Upper

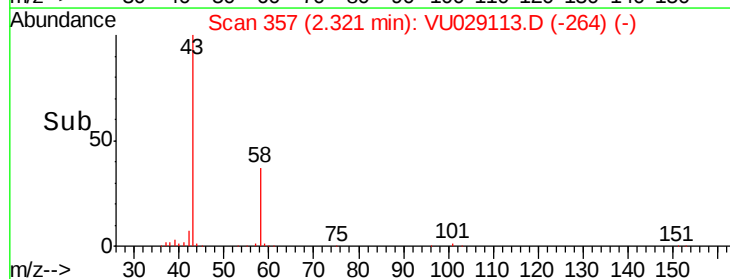
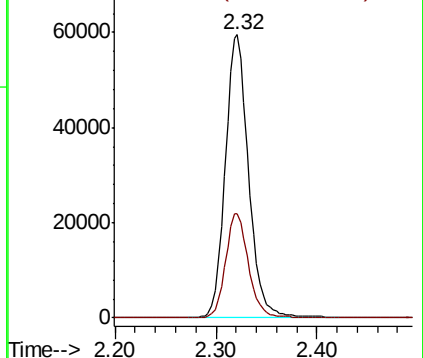
43 100

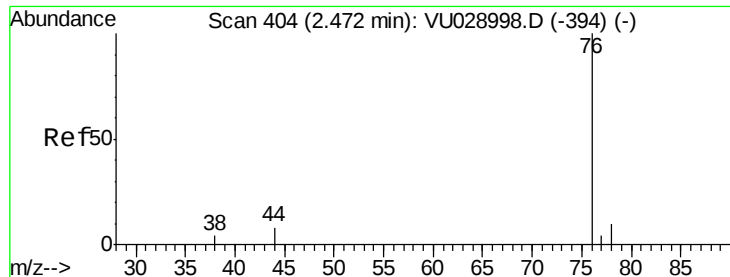
58 37.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 17.698 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

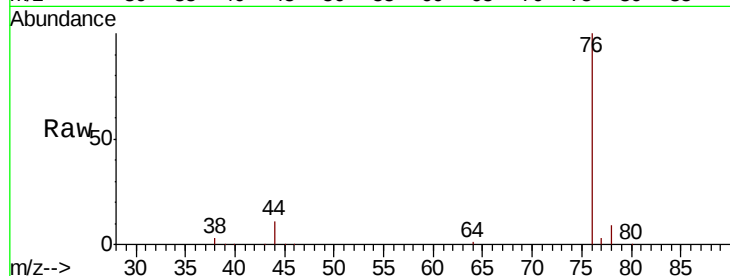
VU0110WBS01

Tgt Ion: 76 Resp: 88682

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

60000

50000

40000

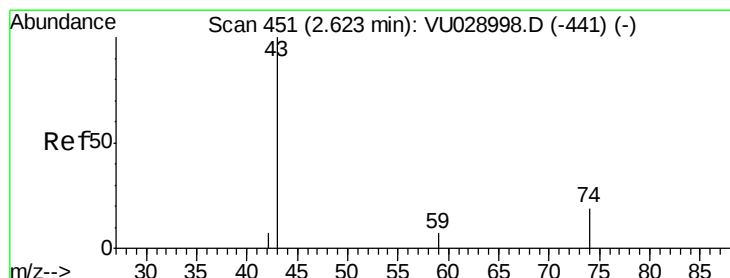
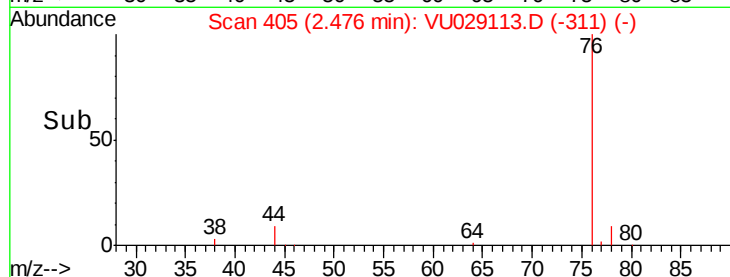
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 21.947 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU029113.D

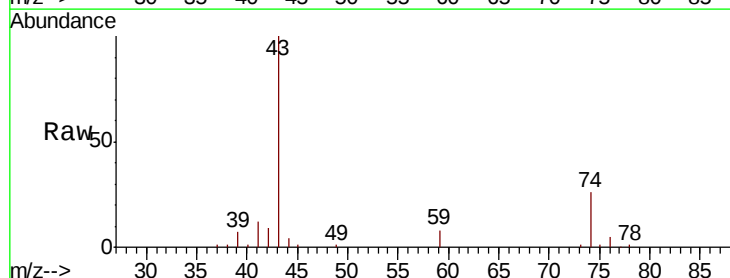
Acq: 10 Jan 2019 13:03

Tgt Ion: 43 Resp: 56827

Ion Ratio Lower Upper

43 100

74 25.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.61

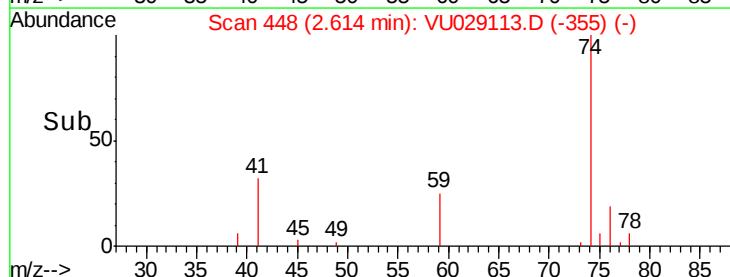
30000

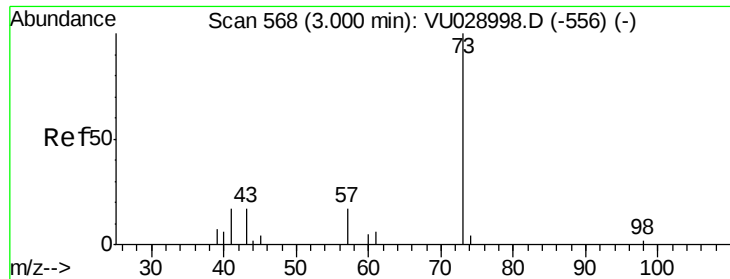
20000

10000

0

Time-->

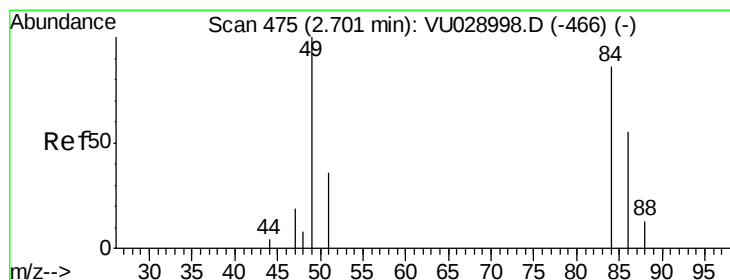
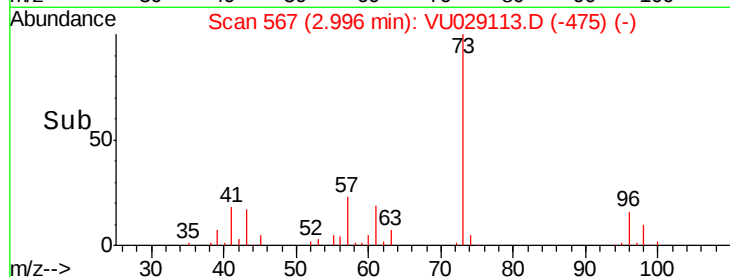
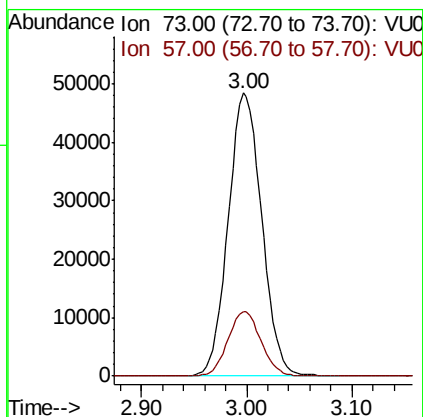
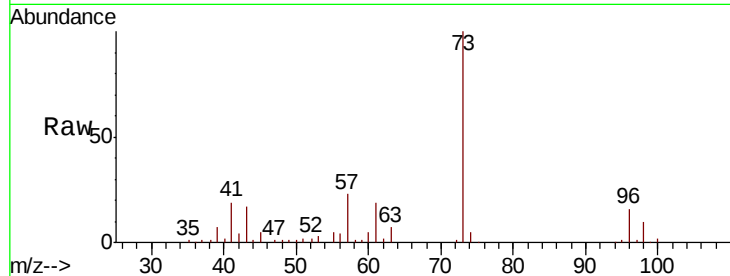




#19
Methyl tert-butyl Ether
Concen: 20.474 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

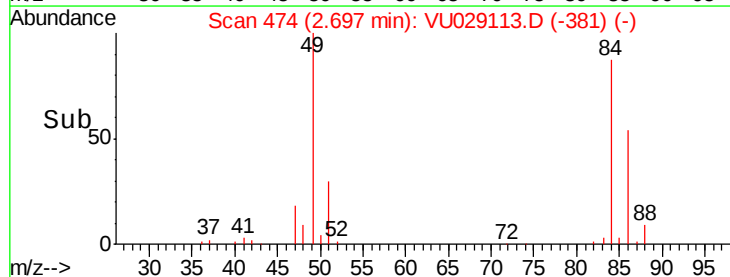
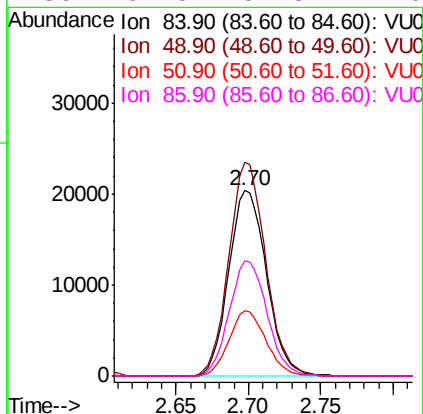
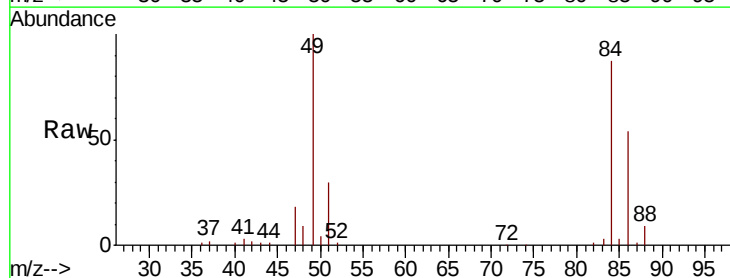
Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

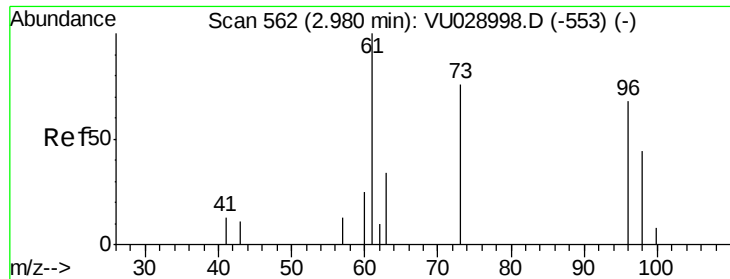
Tgt Ion: 73 Resp: 106752
Ion Ratio Lower Upper
73 100
57 22.9 18.6 28.0



#20
Methylene Chloride
Concen: 19.487 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 84 Resp: 36844
Ion Ratio Lower Upper
84 100
49 115.1 91.9 137.9
51 35.0 29.2 43.8
86 61.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.142 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU0110WBS01

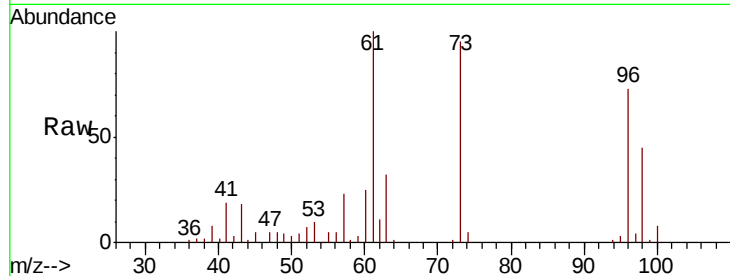
Tgt Ion: 96 Resp: 32982

Ion Ratio Lower Upper

96 100

61 136.9 107.7 161.5

98 62.2 49.2 73.8

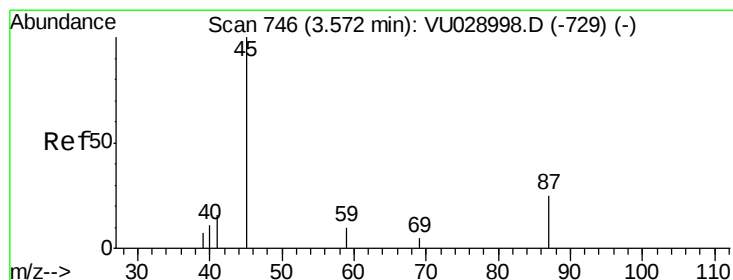
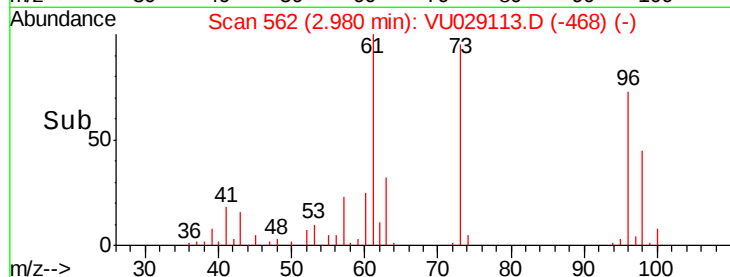
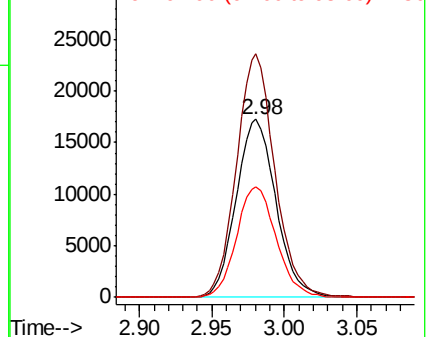


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 20.037 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Tgt Ion: 45 Resp: 107758

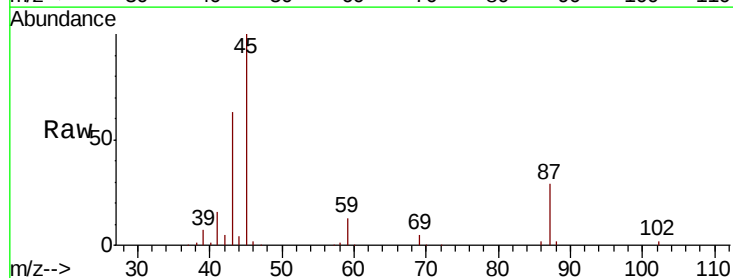
Ion Ratio Lower Upper

45 100

43 62.1 44.7 67.1

87 28.6 22.2 33.2

59 13.2 9.8 14.8



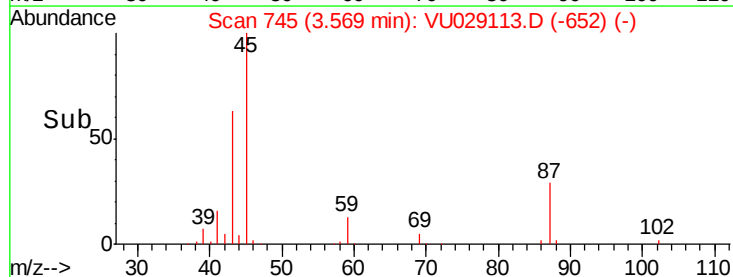
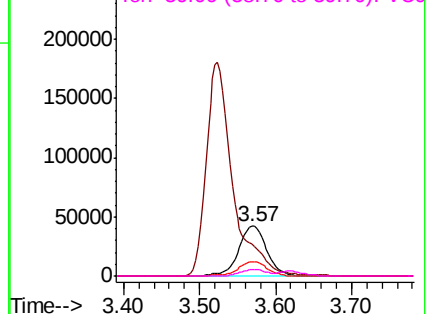
Abundance

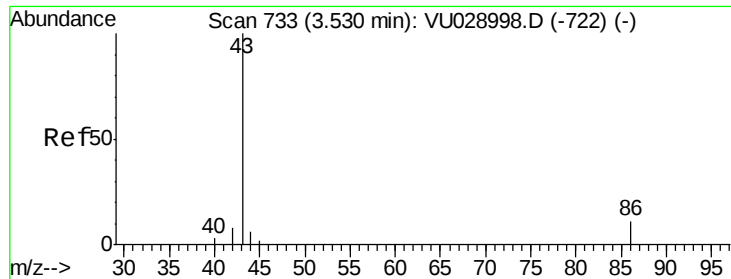
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 99.945 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

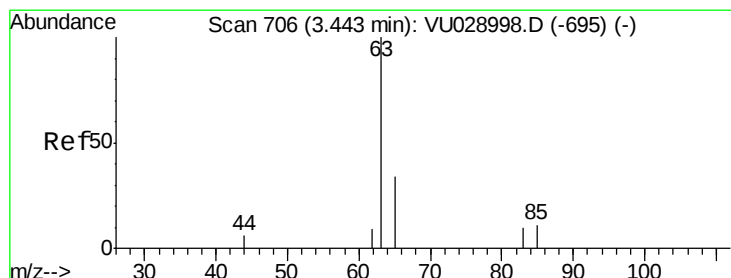
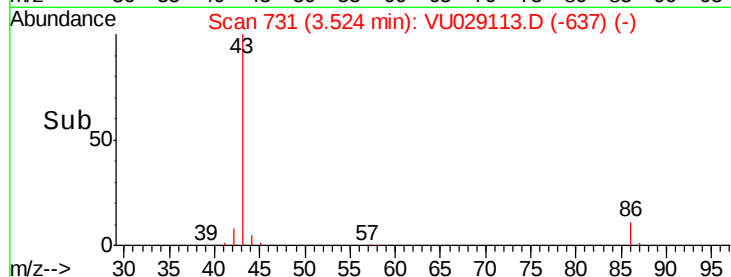
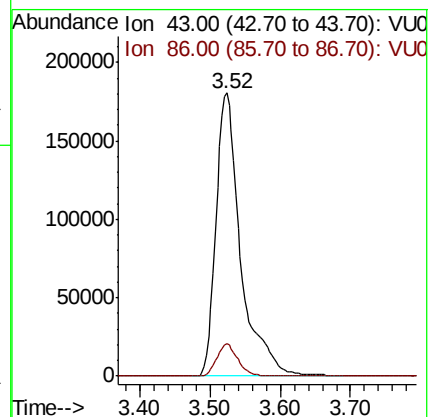
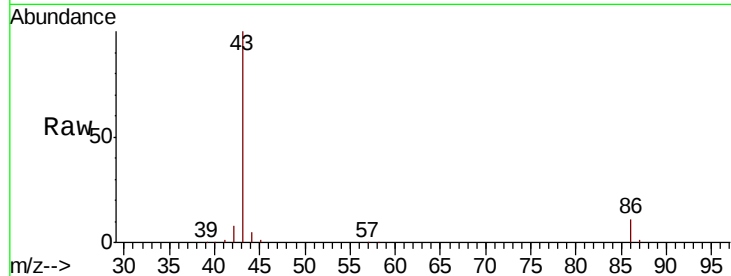
VU0110WBS01

Tgt Ion: 43 Resp: 439412

Ion Ratio Lower Upper

43 100

86 11.3 8.6 13.0



#24

1,1-Dichloroethane

Concen: 19.948 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

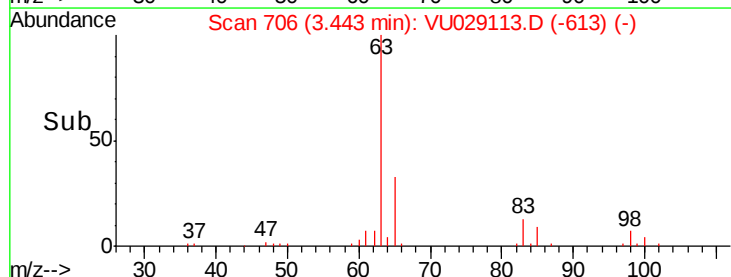
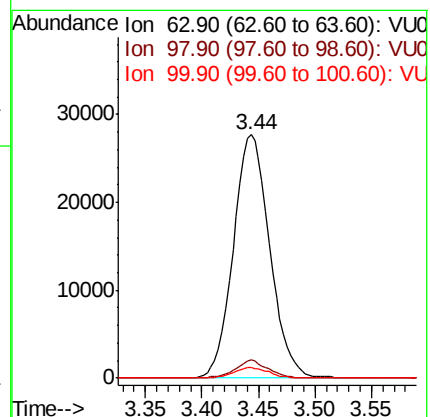
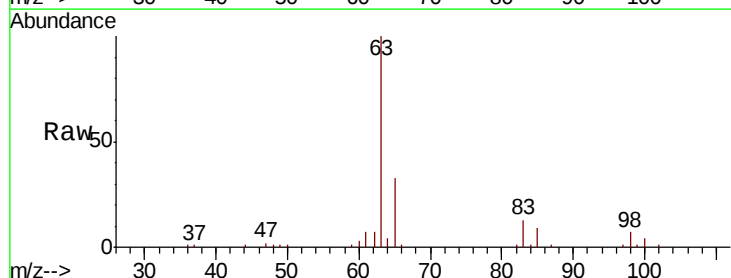
Tgt Ion: 63 Resp: 61929

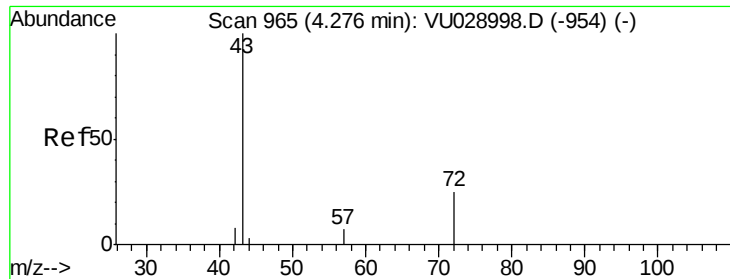
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.2 2.0 5.8





#25

2-Butanone

Concen: 101.201 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

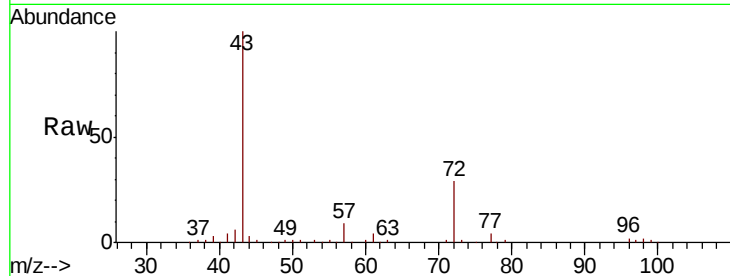
VU0110WBS01

Tgt Ion: 43 Resp: 152211

Ion Ratio Lower Upper

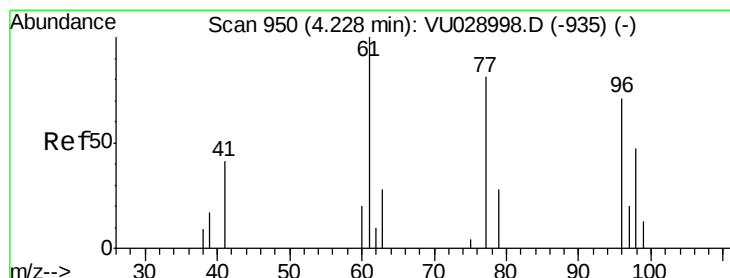
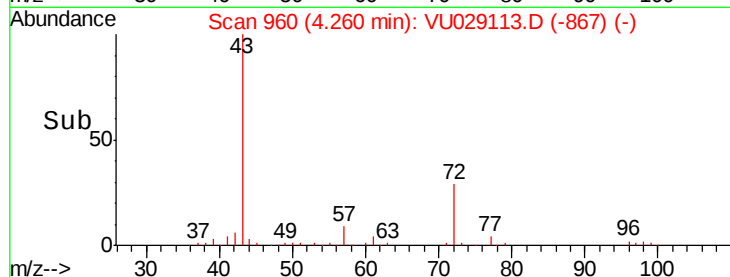
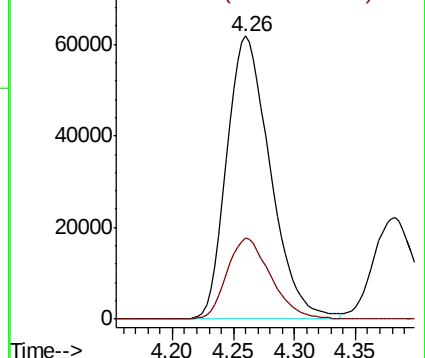
43 100

72 28.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 19.482 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU029113.D

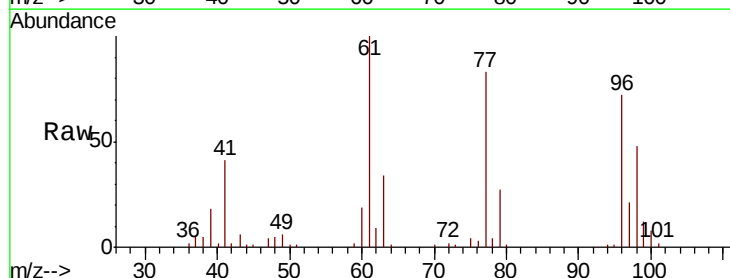
Acq: 10 Jan 2019 13:03

Tgt Ion: 77 Resp: 48871

Ion Ratio Lower Upper

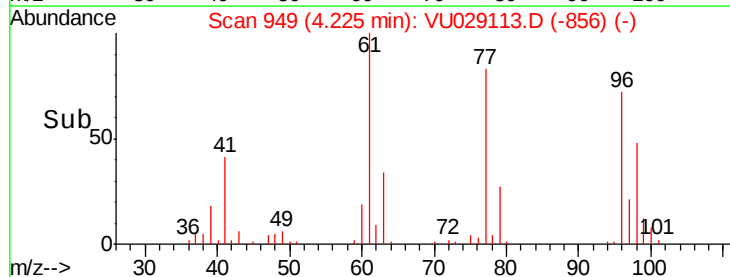
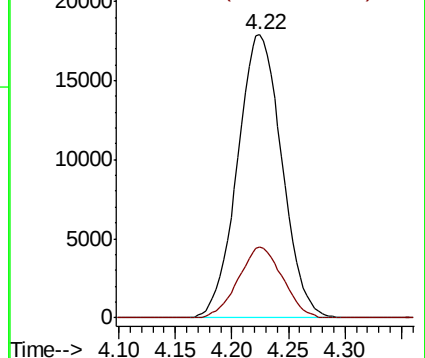
77 100

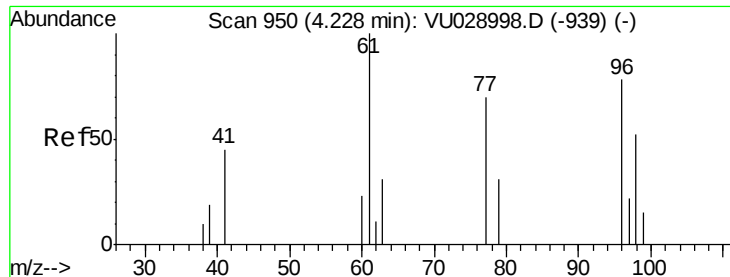
97 24.8 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



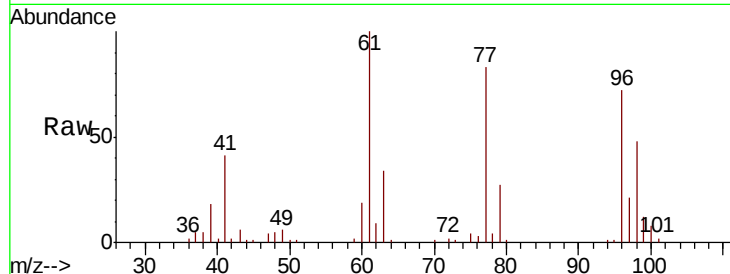


#27

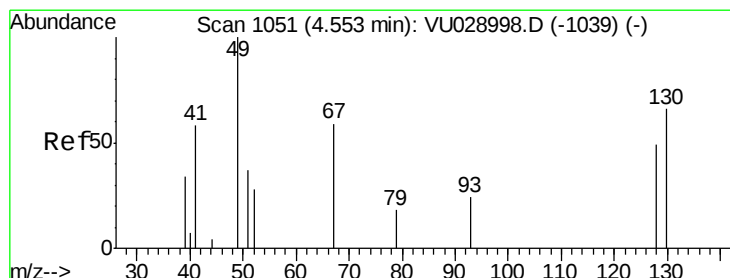
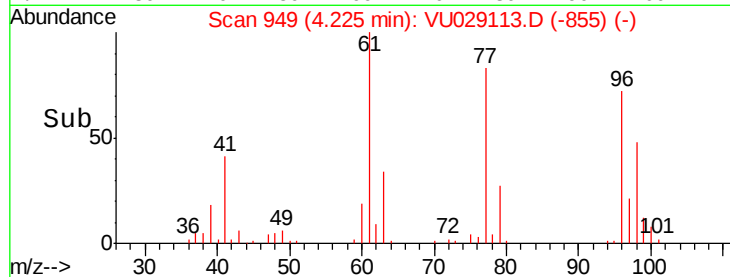
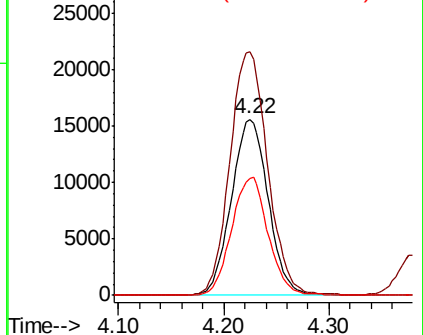
cis-1,2-Dichloroethene
Concen: 20.066 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

Tgt Ion: 96 Resp: 37814
Ion Ratio Lower Upper
96 100
61 141.5 0.0 285.6
98 66.1 0.0 130.2



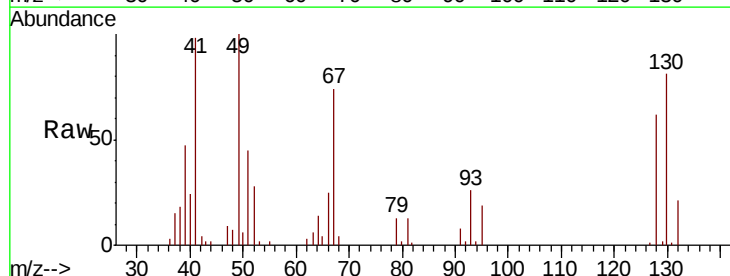
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



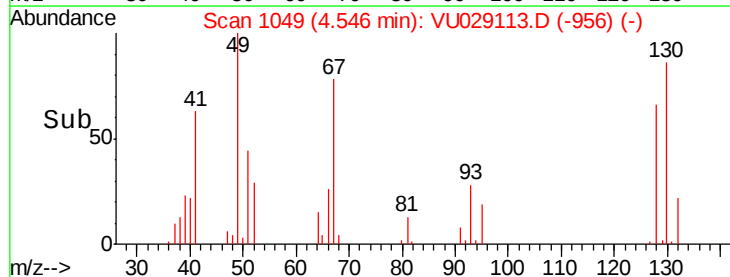
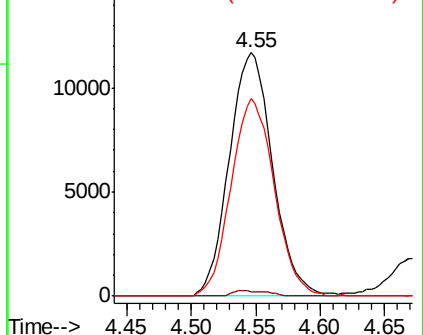
#28

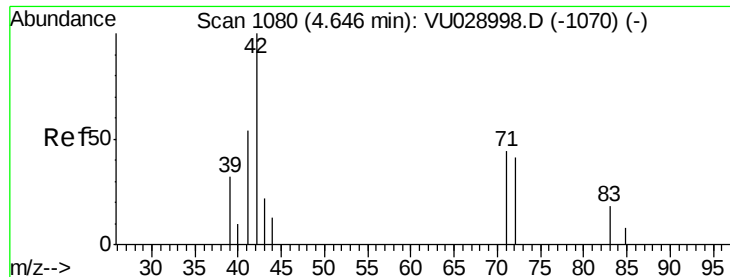
Bromochloromethane
Concen: 20.577 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 49 Resp: 27354
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.4
130 80.6 62.9 94.3



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 106.798 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU0110WBS01

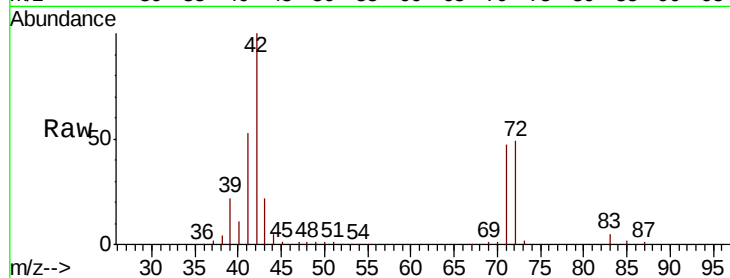
Tgt Ion: 42 Resp: 97424

Ion Ratio Lower Upper

42 100

72 48.8 38.3 57.5

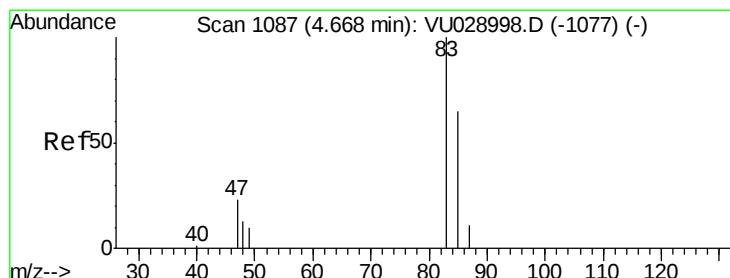
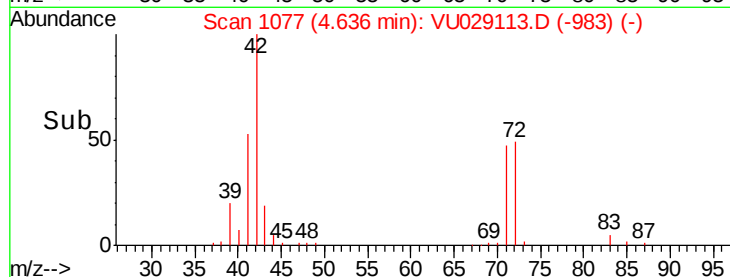
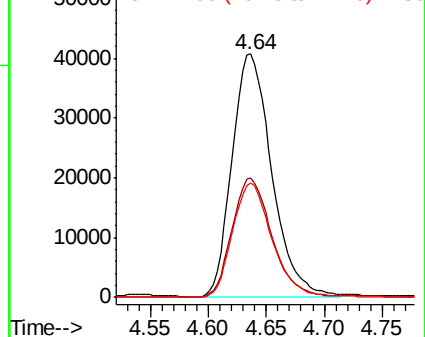
71 46.8 36.1 54.1



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 20.370 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VU029113.D

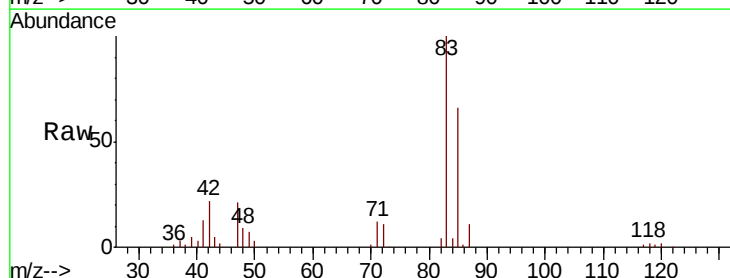
Acq: 10 Jan 2019 13:03

Tgt Ion: 83 Resp: 60234

Ion Ratio Lower Upper

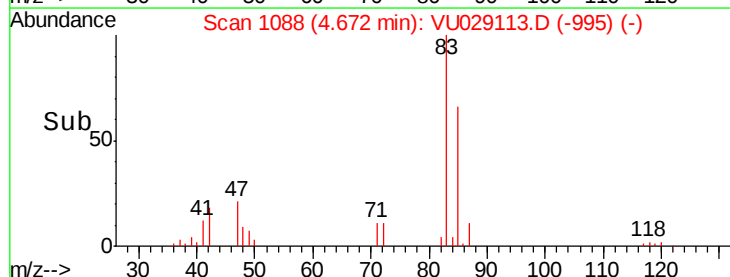
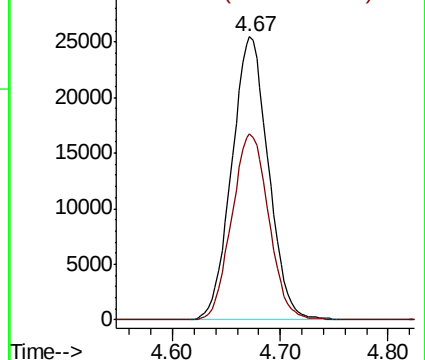
83 100

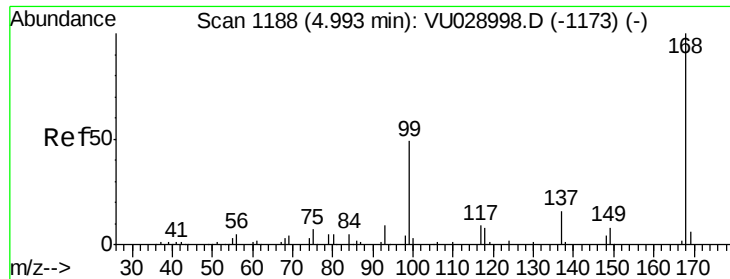
85 65.8 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

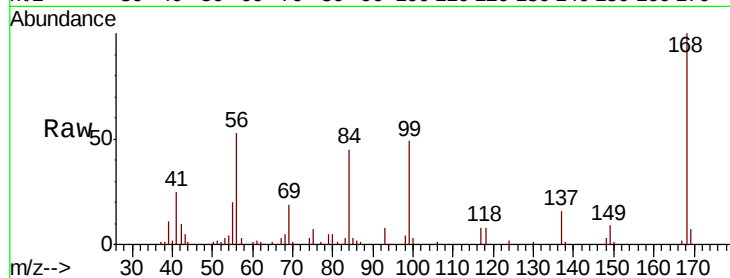




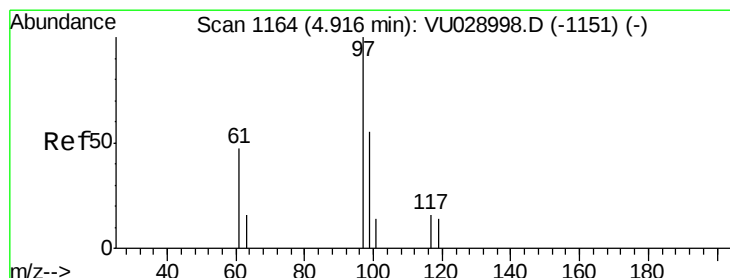
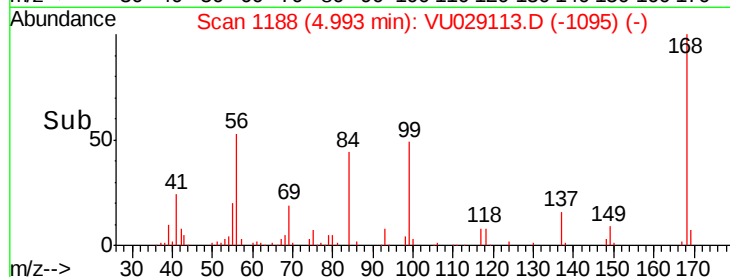
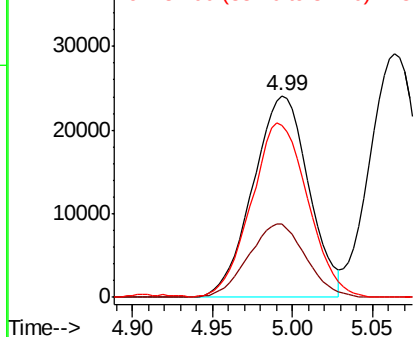
#31
Cyclohexane
Concen: 19.102 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

Tgt Ion: 56 Resp: 58016
Ion Ratio Lower Upper
56 100
69 36.3 26.7 40.1
84 84.9 65.7 98.5

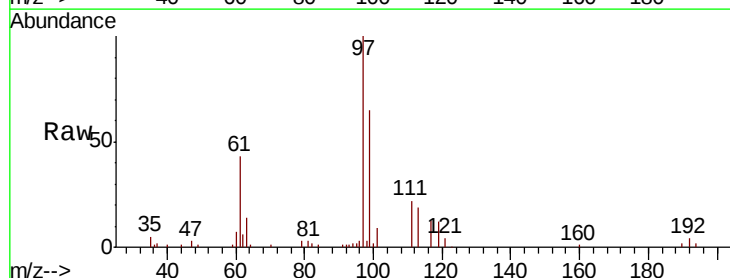


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

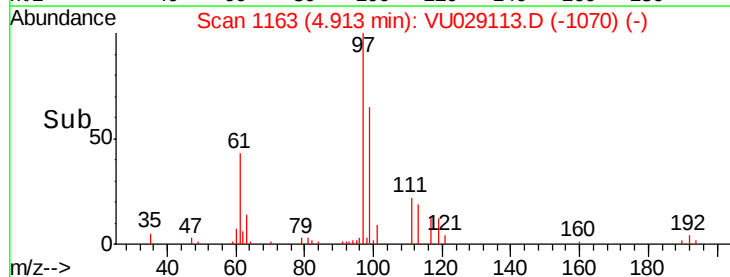
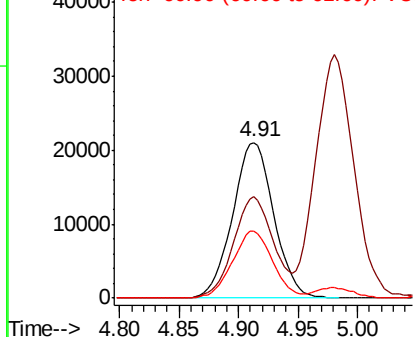


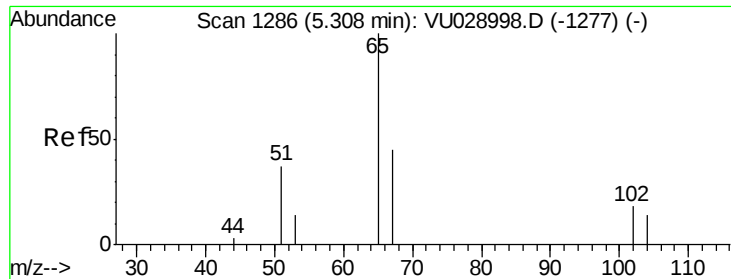
#32
1,1,1-Trichloroethane
Concen: 20.625 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 97 Resp: 50395
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 42.2 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

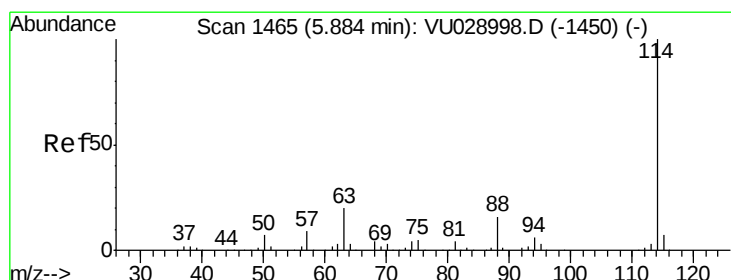
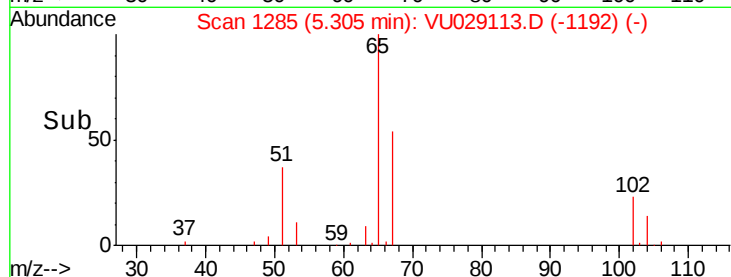
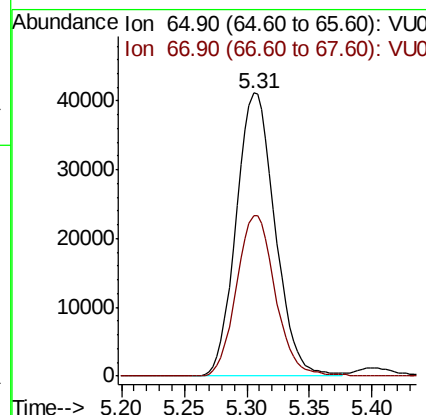
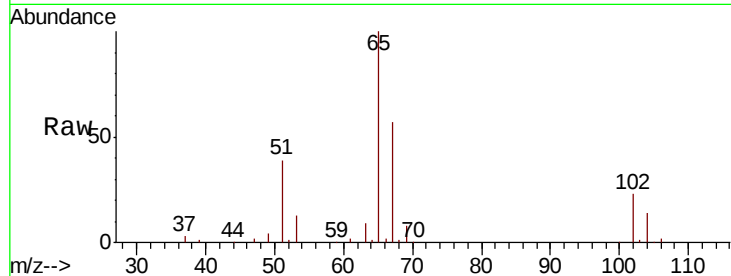




#33
 1,2-Dichloroethane-d4
 Concen: 50.200 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

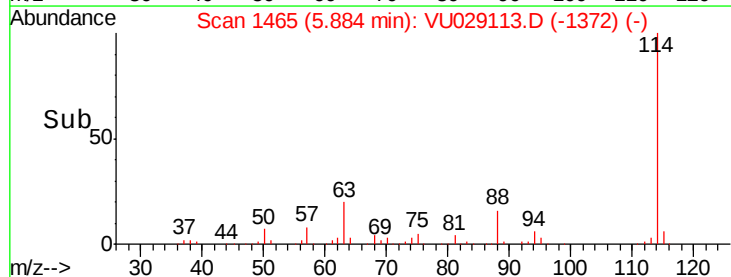
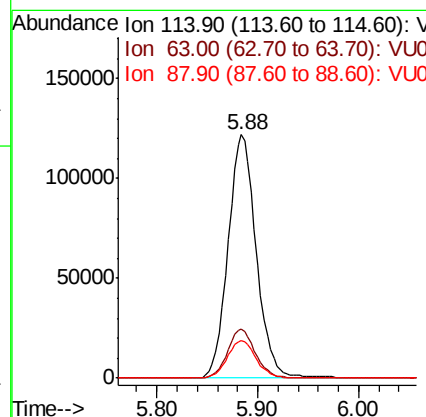
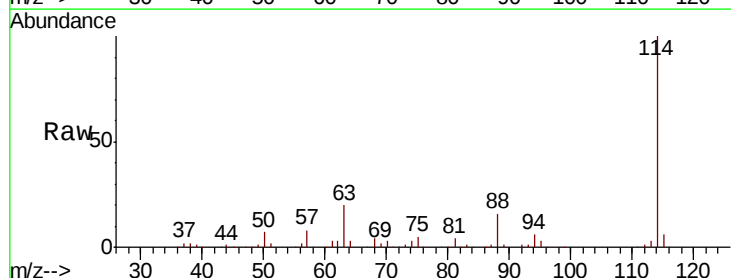
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

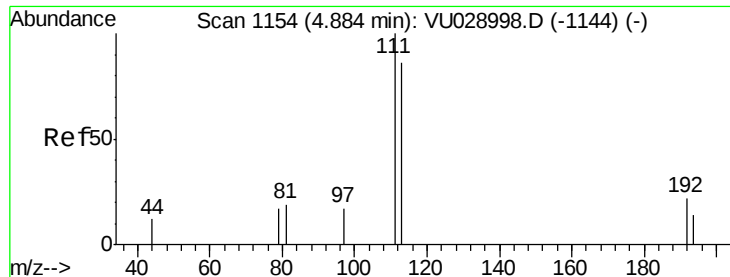
Tgt Ion: 65 Resp: 88737
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion: 114 Resp: 237545
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 15.6 0.0 30.4

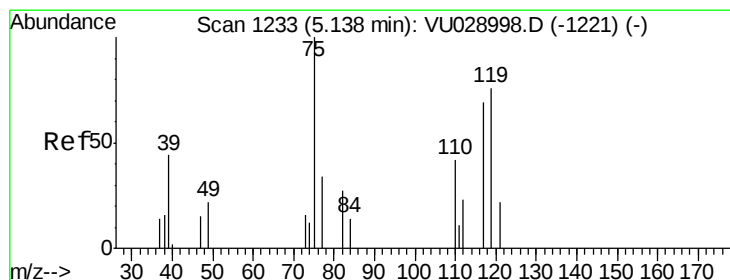
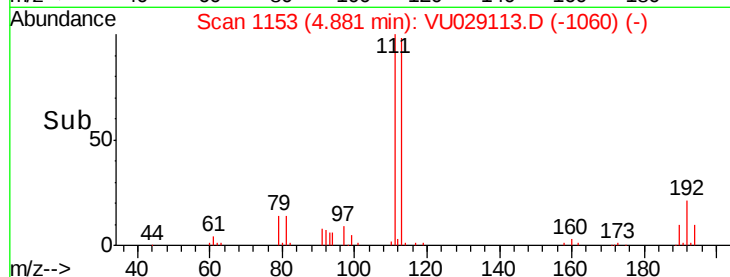
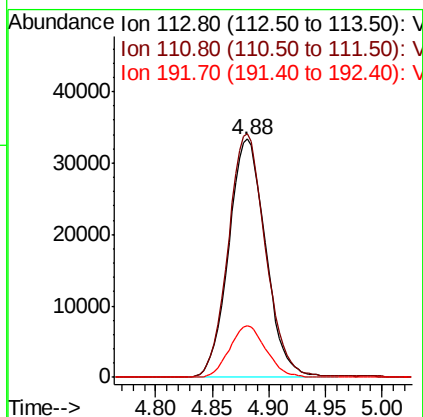
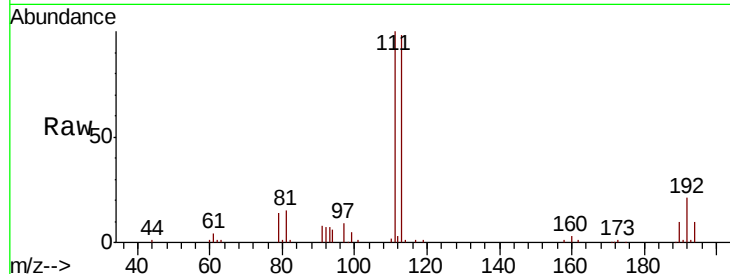




#35
 Dibromofluoromethane
 Concen: 49.354 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

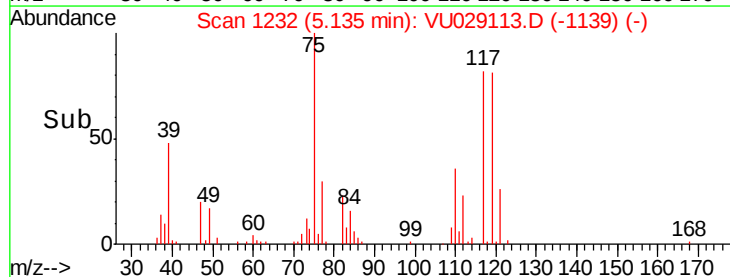
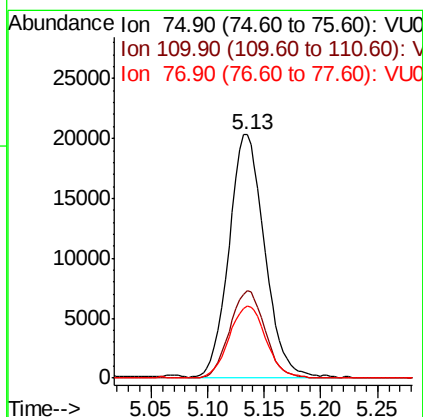
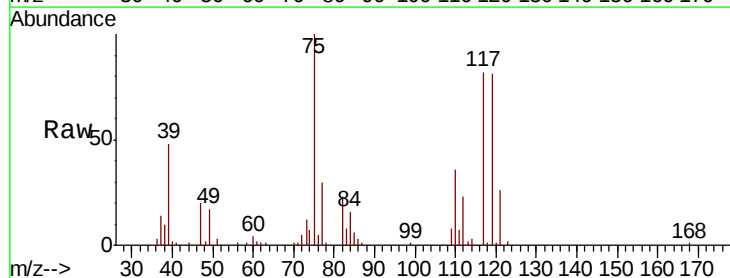
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

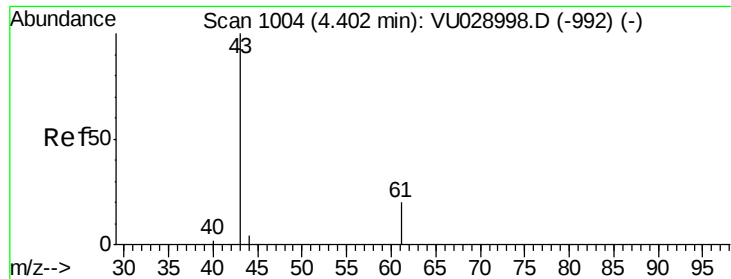
Tgt Ion:113 Resp: 75997
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 21.3 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 18.902 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion: 75 Resp: 44881
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.4 55.4
 77 30.4 25.1 37.7

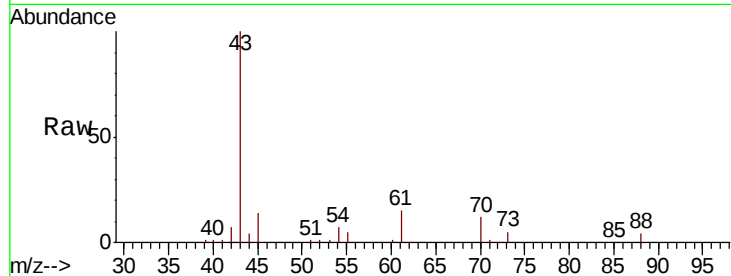




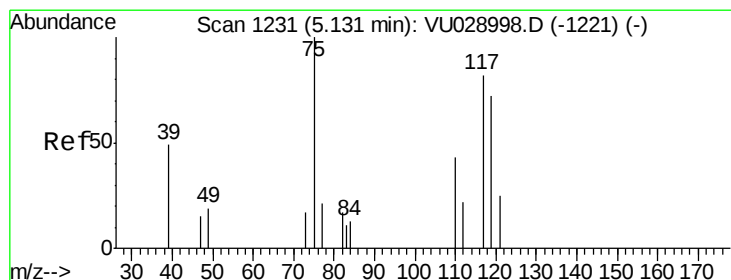
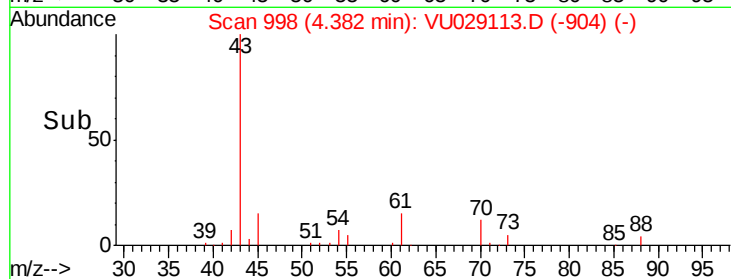
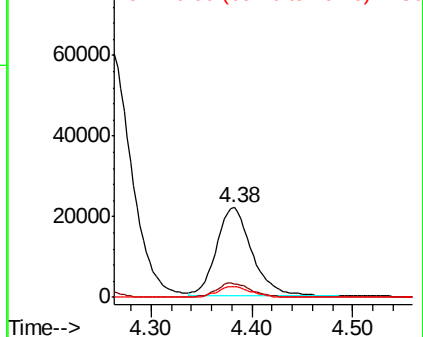
#37
Ethyl Acetate
Concen: 20.831 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

Tgt Ion: 43 Resp: 54292
Ion Ratio Lower Upper
43 100
61 15.9 12.6 18.8
70 11.6 9.3 13.9

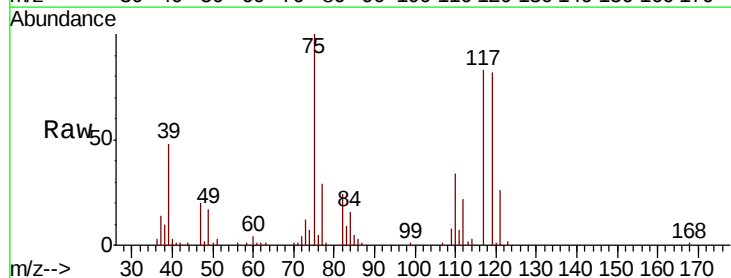


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

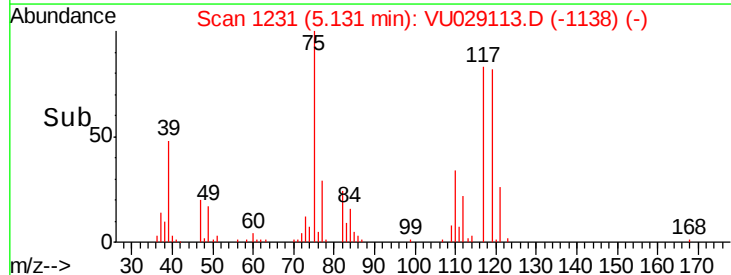
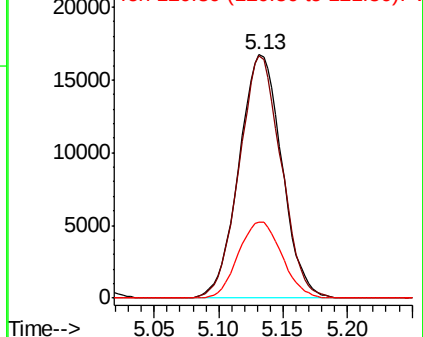


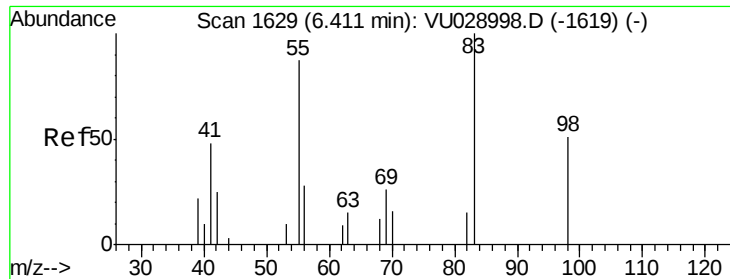
#38
Carbon Tetrachloride
Concen: 19.538 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 117 Resp: 38691
Ion Ratio Lower Upper
117 100
119 99.7 74.6 111.8
121 31.4 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

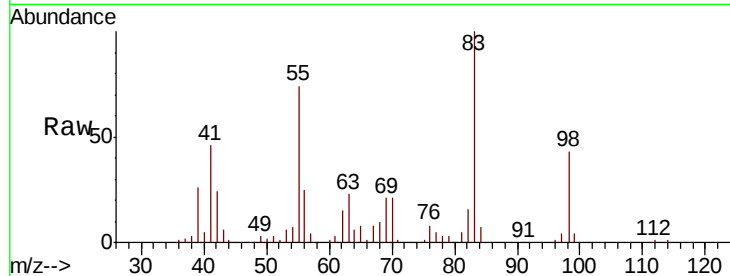




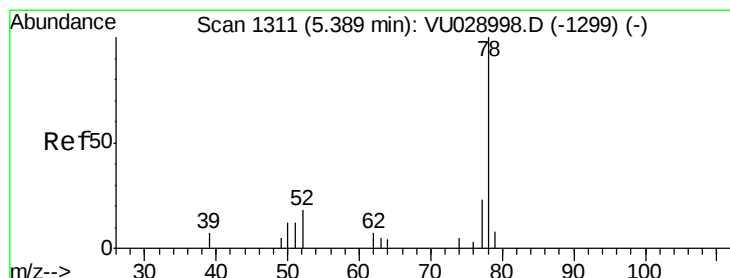
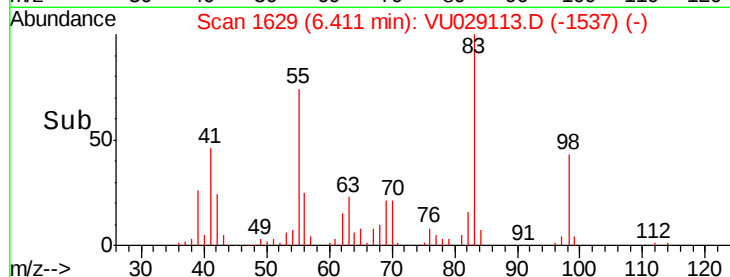
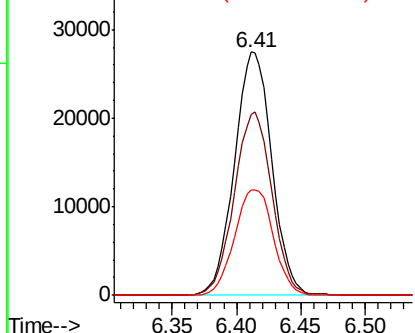
#39
Methylcyclohexane
Concen: 18.962 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

Tgt Ion: 83 Resp: 55350
Ion Ratio Lower Upper
83 100
55 74.3 62.4 93.6
98 43.5 36.2 54.2

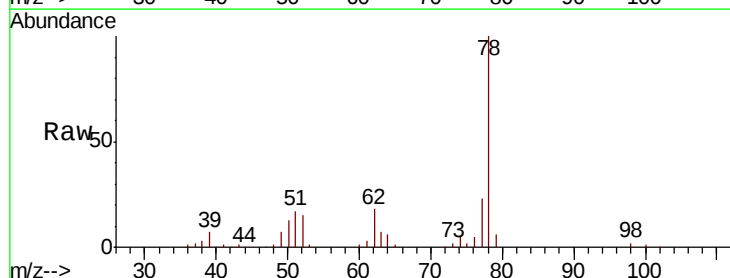


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

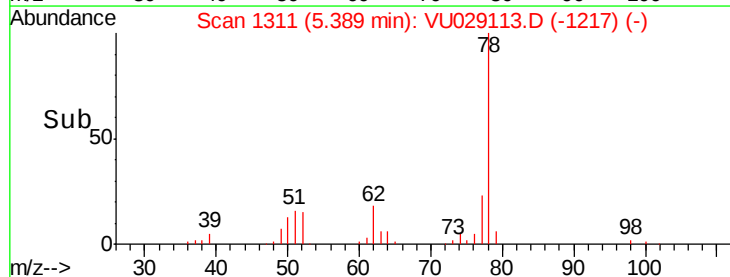
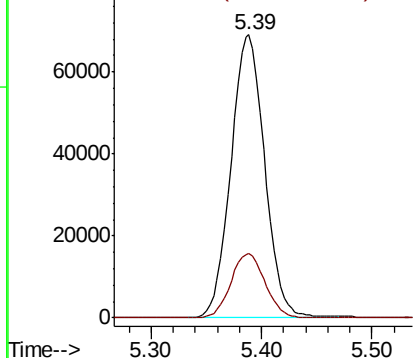


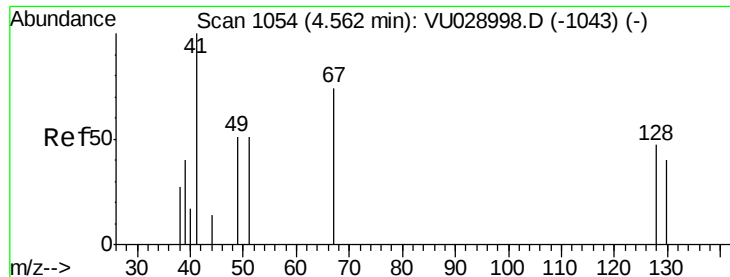
#40
Benzene
Concen: 19.797 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 78 Resp: 146621
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

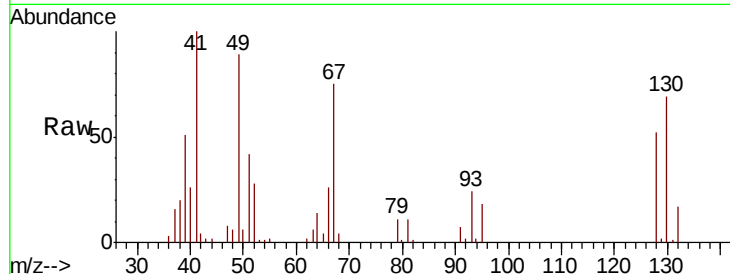




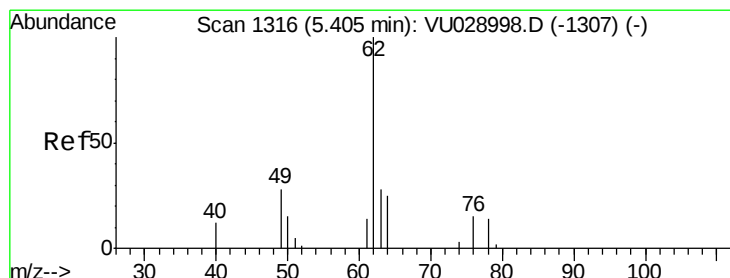
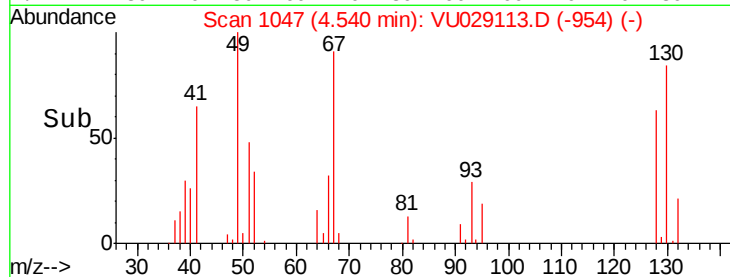
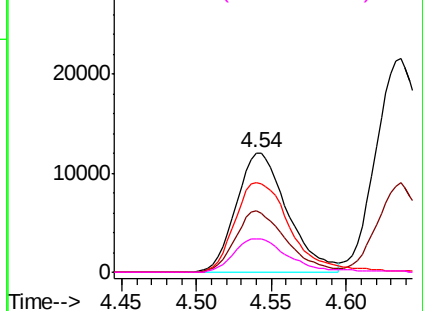
#41
Methacrylonitrile
Concen: 20.684 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

Tgt Ion:	41	Resp:	28856
Ion	Ratio	Lower	Upper
41	100		
39	50.6	42.3	63.5
67	81.2	64.4	96.6
52	29.8	23.9	35.9

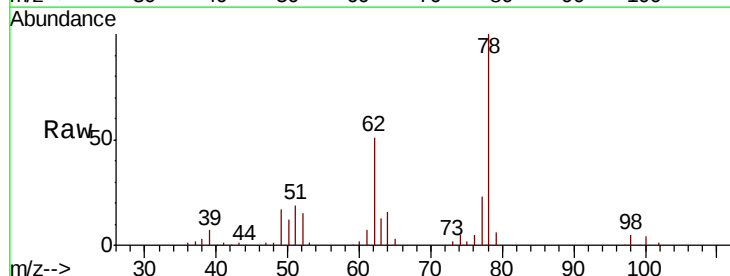


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

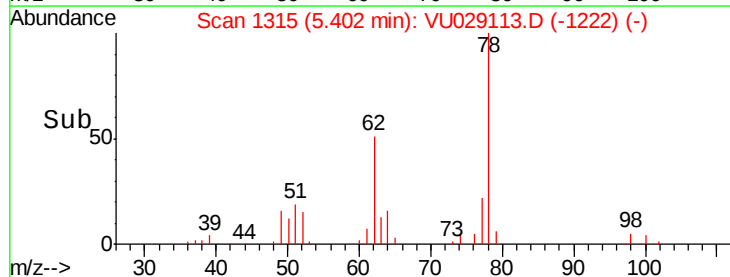
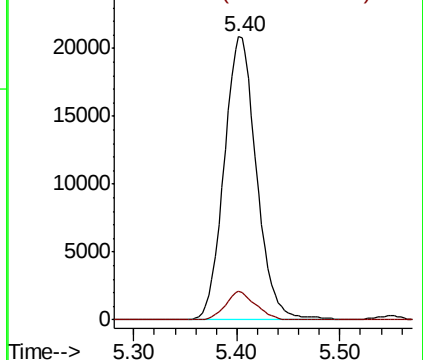


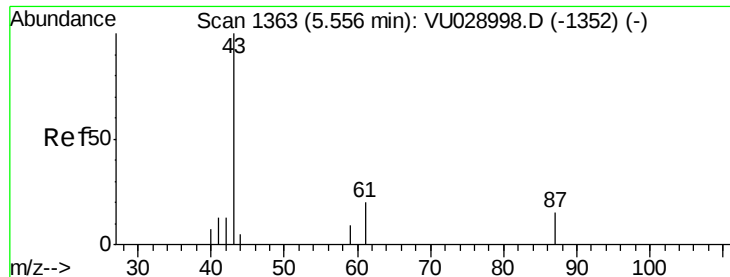
#42
1,2-Dichloroethane
Concen: 20.479 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion:	62	Resp:	45577
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 20.880 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU0110WBS01

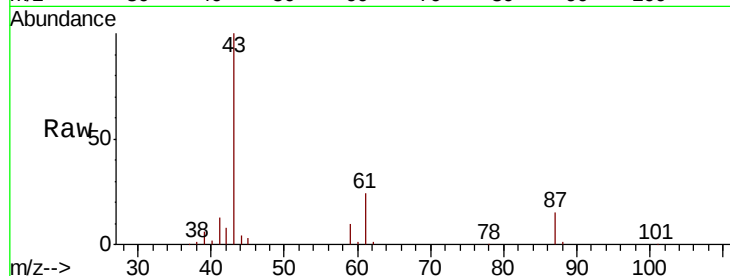
Tgt Ion: 43 Resp: 83476

Ion Ratio Lower Upper

43 100

61 23.0 17.8 26.6

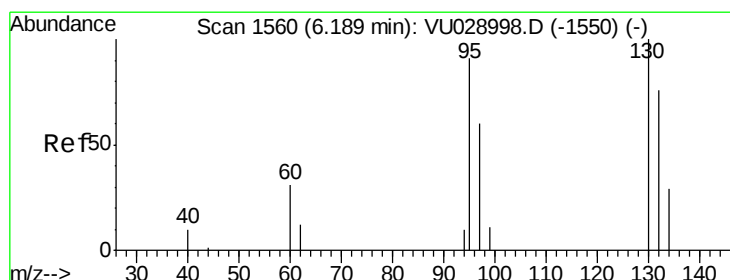
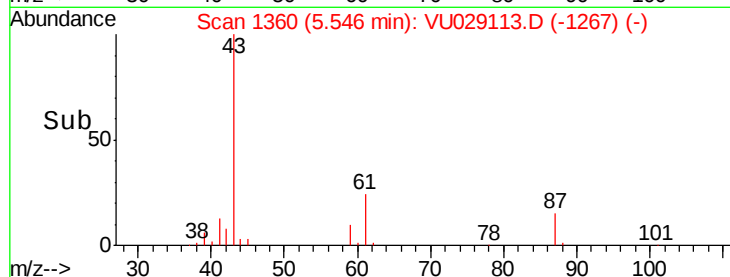
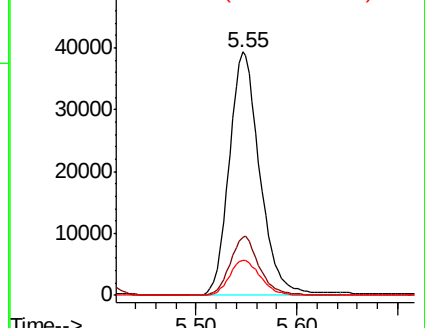
87 14.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1352) (-)

Ion 61.00 (60.70 to 61.70): VU028998.D (-1352) (-)

Ion 87.00 (86.70 to 87.70): VU028998.D (-1352) (-)



#44

Trichloroethene

Concen: 18.996 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU029113.D

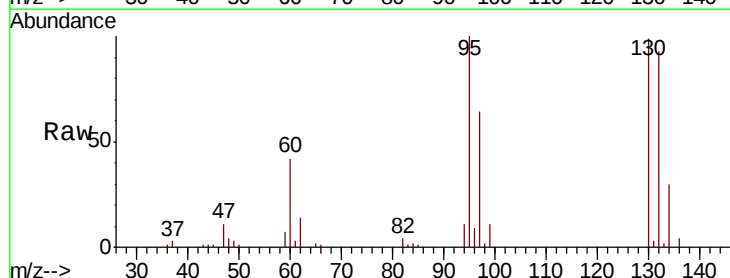
Acq: 10 Jan 2019 13:03

Tgt Ion:130 Resp: 34860

Ion Ratio Lower Upper

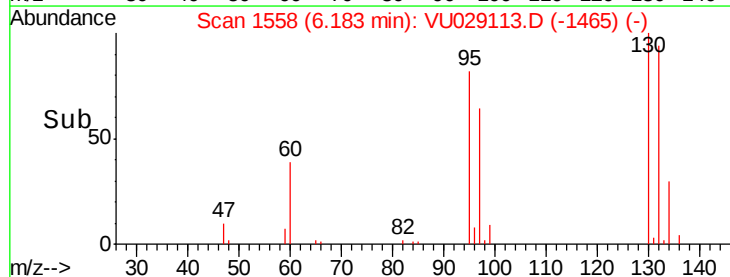
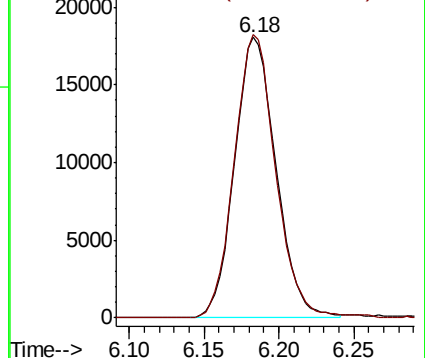
130 100

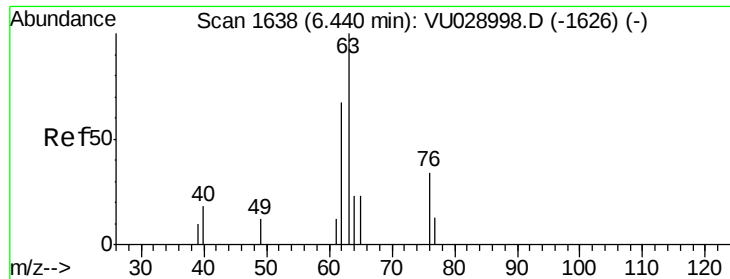
95 100.8 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028998.D (-1550) (-)

Ion 94.90 (94.60 to 95.60): VU028998.D (-1550) (-)





#45

1,2-Dichloropropane

Concen: 20.054 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

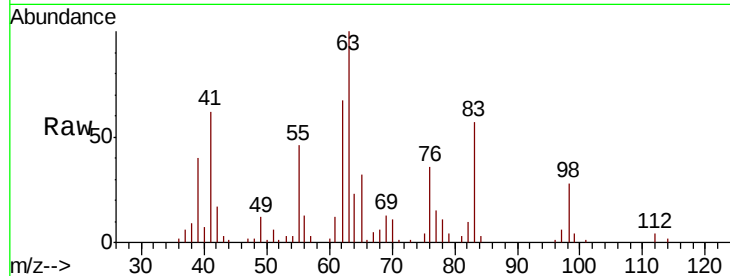
VU0110WBS01

Tgt Ion: 63 Resp: 39223

Ion Ratio Lower Upper

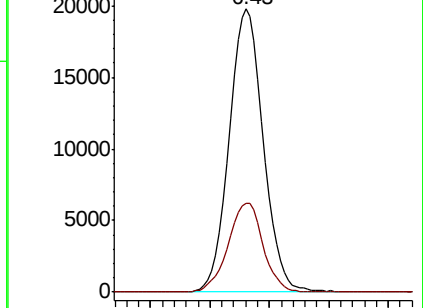
63 100

65 31.6 25.1 37.7

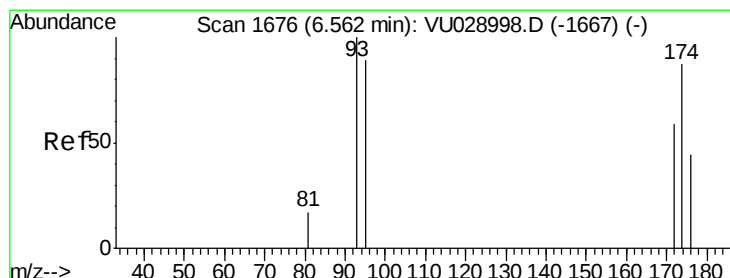
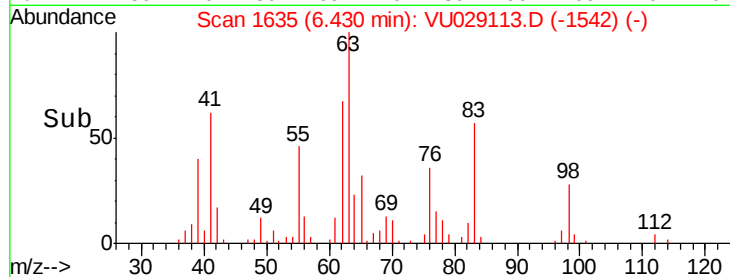


Abundance Ion 62.90 (62.60 to 63.60): VU028998.D (-1626) (-)

Ion 64.90 (64.60 to 65.60): VU028998.D (-1626) (-)



Time-->



#46

Dibromomethane

Concen: 20.042 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

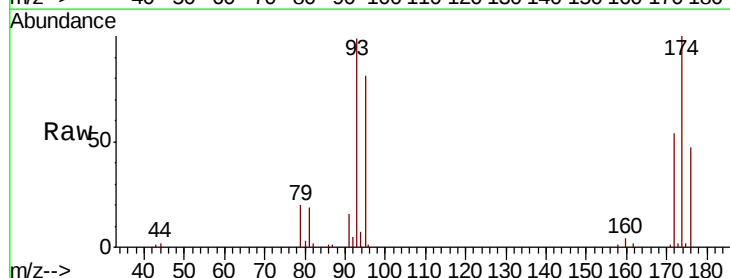
Tgt Ion: 93 Resp: 25058

Ion Ratio Lower Upper

93 100

95 82.6 67.2 100.8

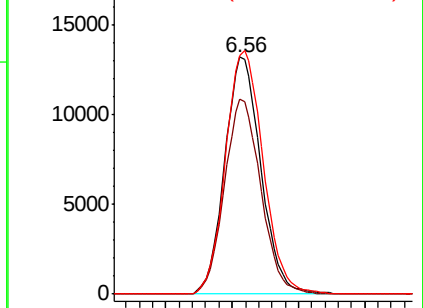
174 106.9 82.6 123.8



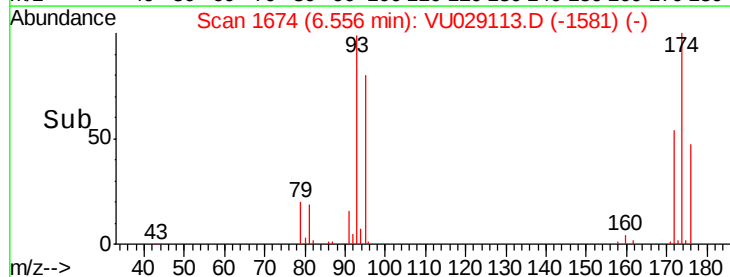
Abundance Ion 92.80 (92.50 to 93.50): VU028998.D (-1667) (-)

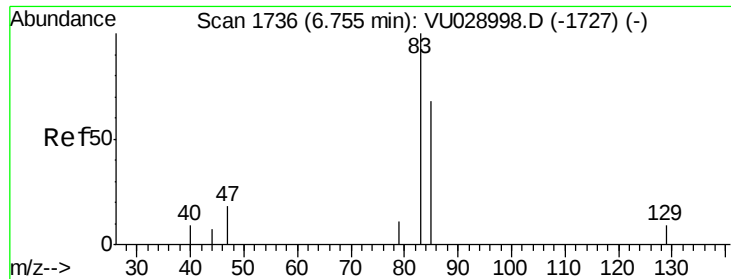
Ion 94.80 (94.50 to 95.50): VU028998.D (-1667) (-)

Ion 173.70 (173.40 to 174.40): VU028998.D (-1667) (-)



Time-->

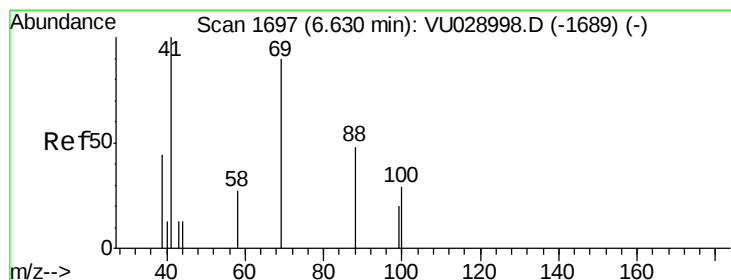
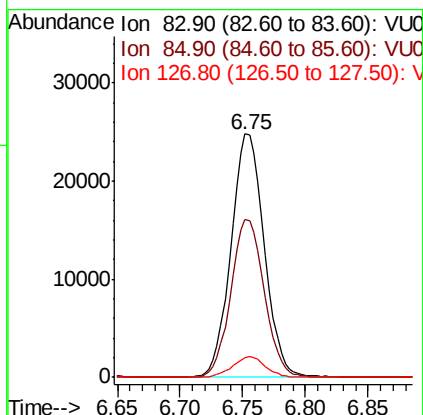
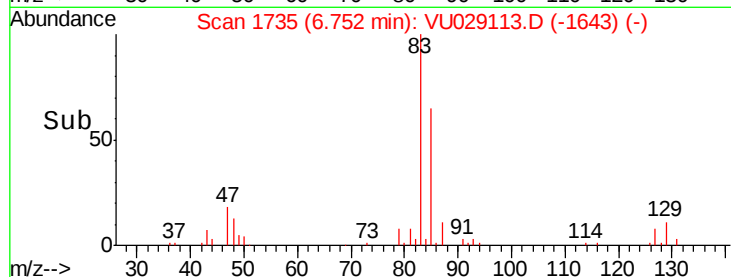
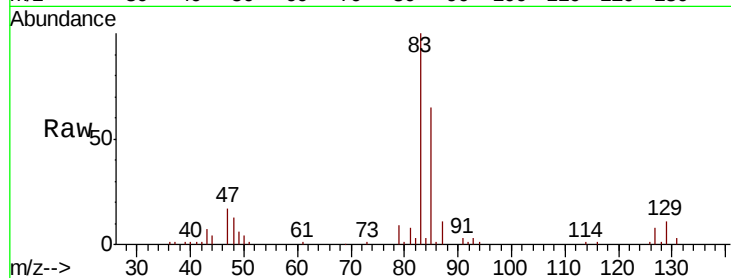




#47
Bromodichloromethane
Concen: 19.807 ug/l
RT: 6.75 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

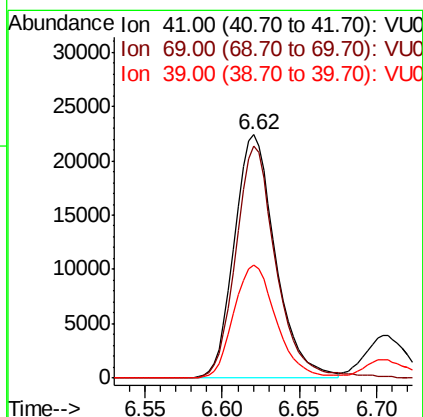
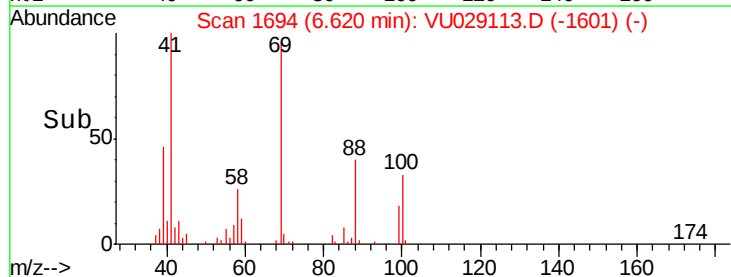
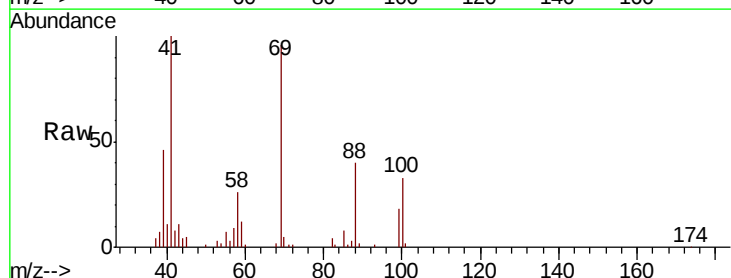
Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

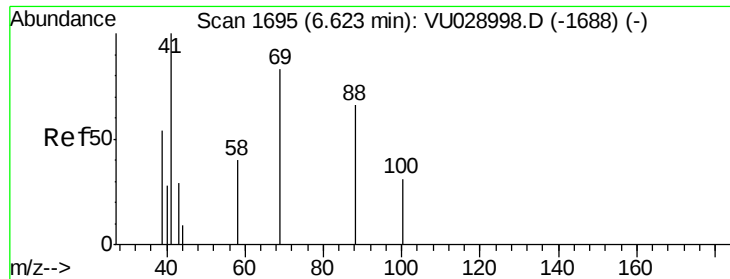
Tgt Ion: 83 Resp: 45596
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2
127 8.0 7.0 10.4



#48
Methyl methacrylate
Concen: 21.284 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 41 Resp: 41434
Ion Ratio Lower Upper
41 100
69 93.4 73.6 110.4
39 47.7 39.6 59.4

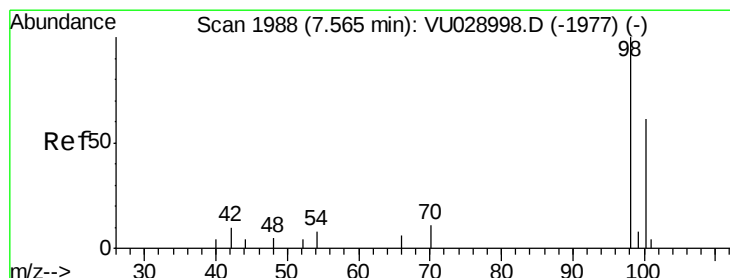
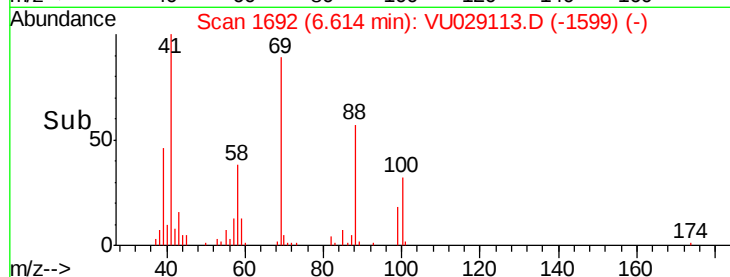
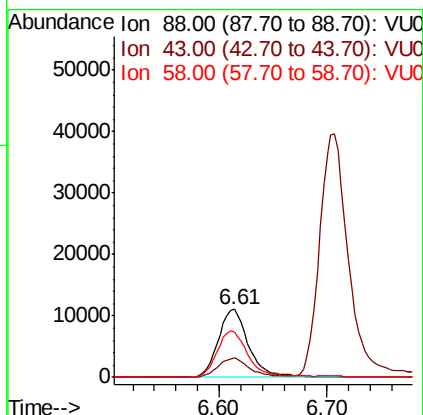
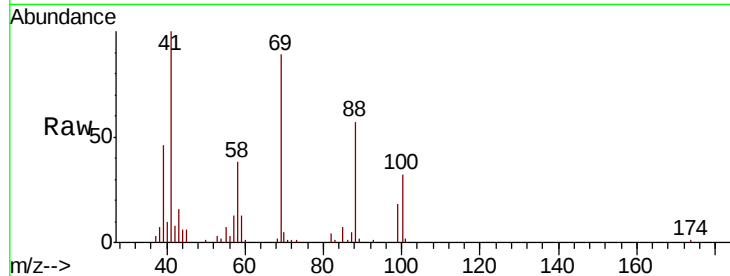




#49
1,4-Dioxane
Concen: 470.995 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

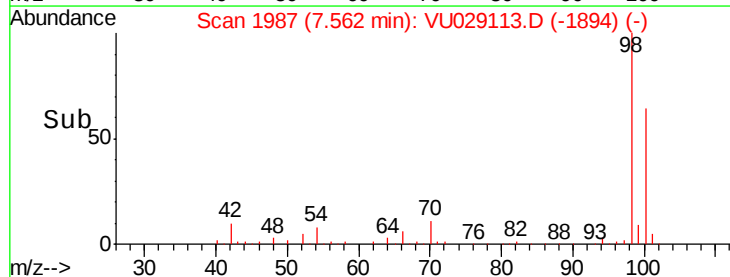
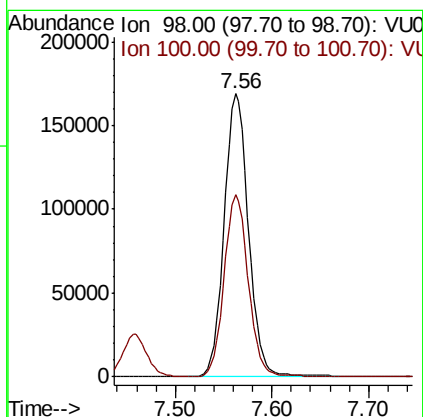
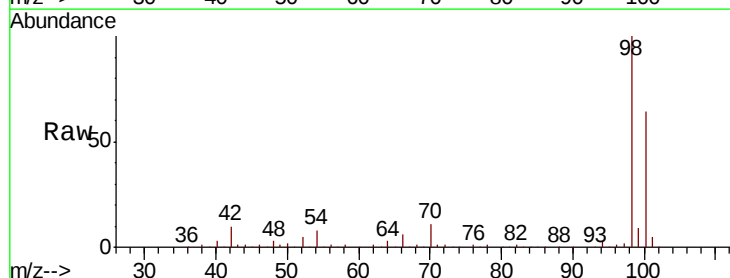
Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

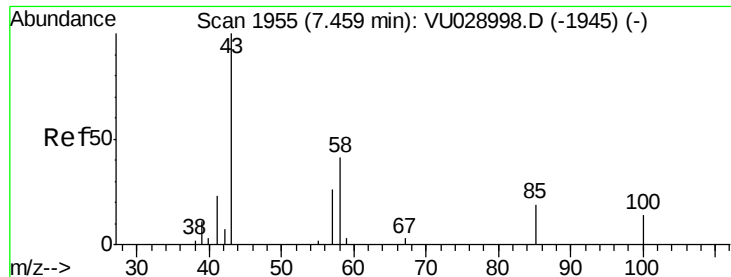
Tgt Ion: 88 Resp: 21729
Ion Ratio Lower Upper
88 100
43 29.0 23.0 34.4
58 68.6 57.9 86.9



#50
Toluene-d8
Concen: 48.601 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 98 Resp: 295451
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 104.377 ug/l

RT: 7.46 min Scan# 1954

Delta R.T. -0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

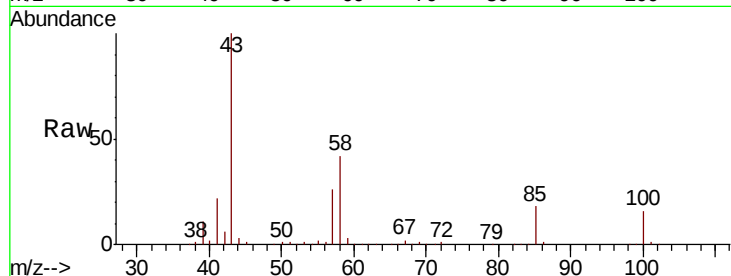
VU0110WBS01

Tgt Ion: 43 Resp: 283994

Ion Ratio Lower Upper

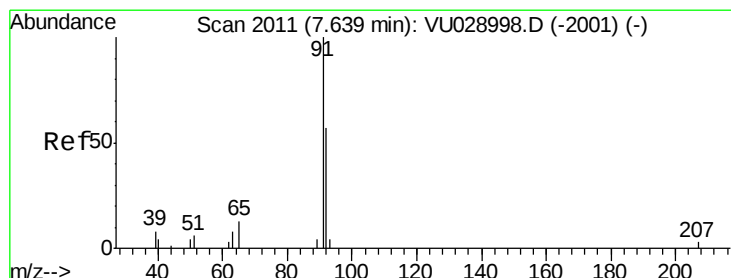
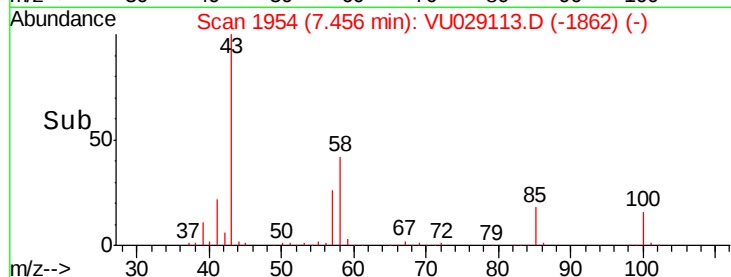
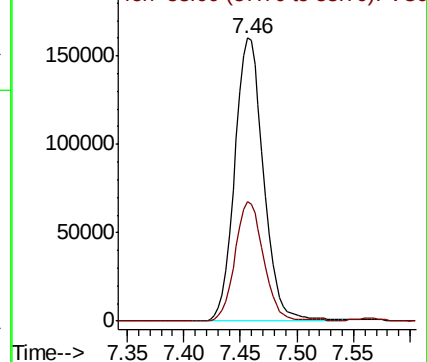
43 100

58 42.0 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 19.358 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VU029113.D

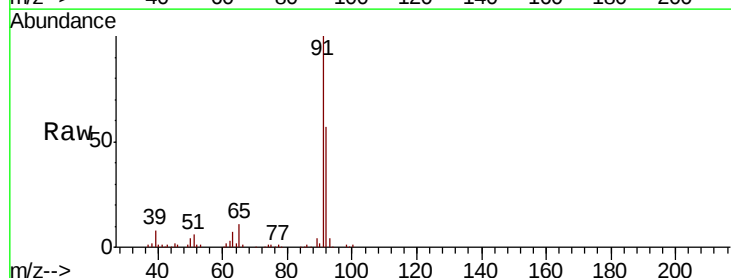
Acq: 10 Jan 2019 13:03

Tgt Ion: 92 Resp: 87281

Ion Ratio Lower Upper

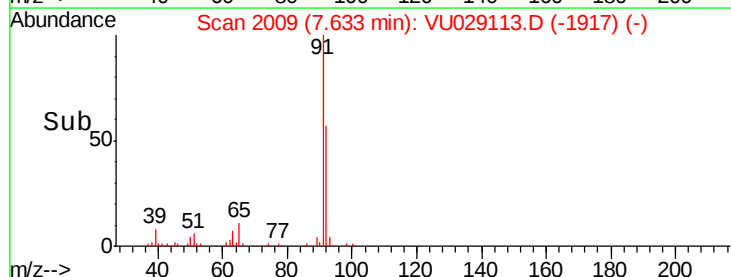
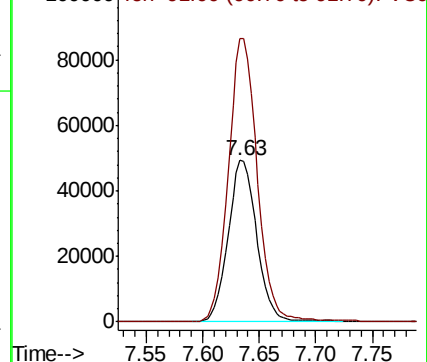
92 100

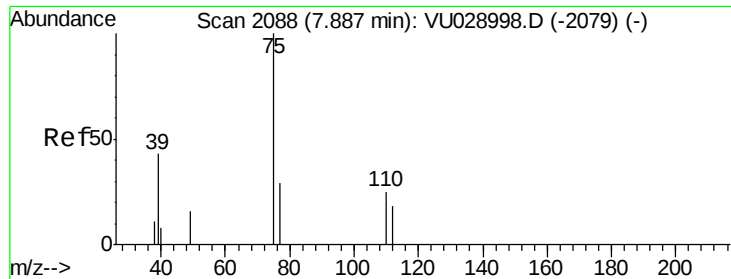
91 176.5 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

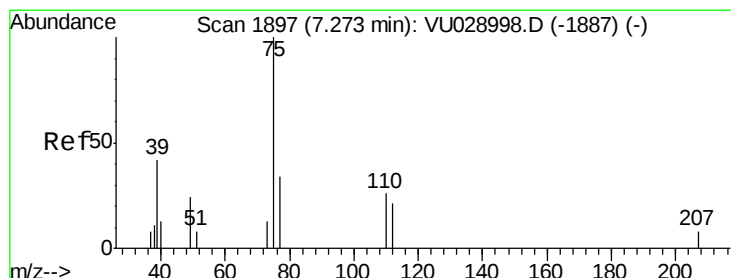
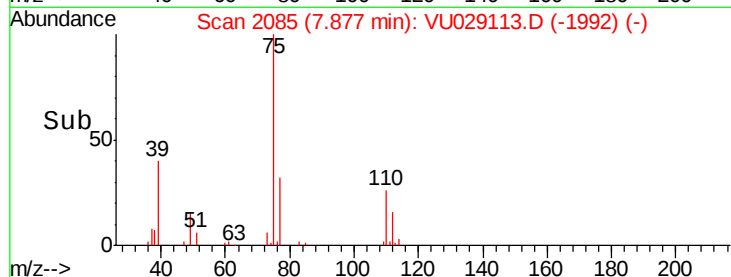
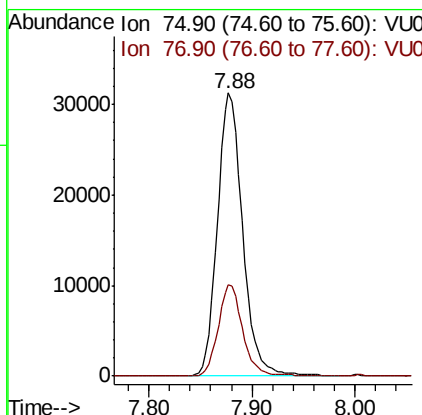
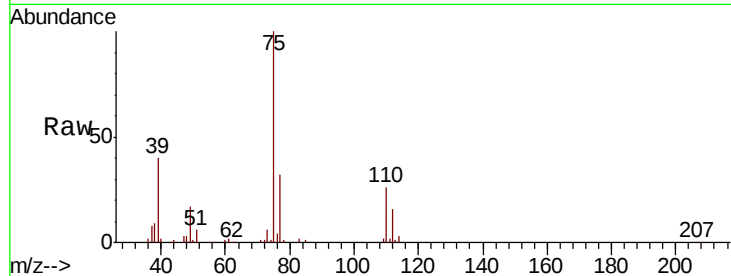




#53
 t-1,3-Dichloropropene
 Concen: 19.275 ug/l
 RT: 7.88 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

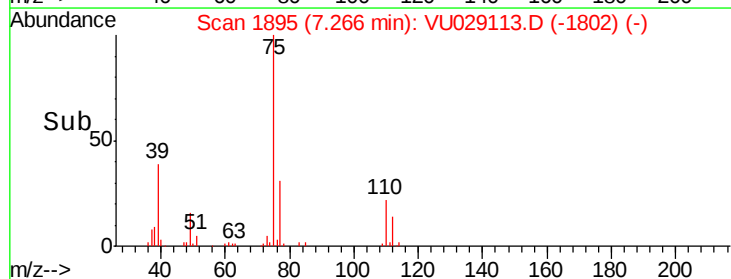
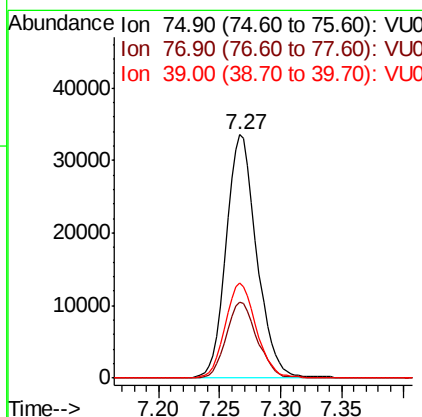
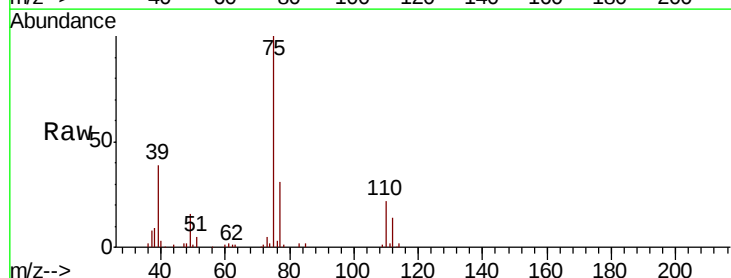
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

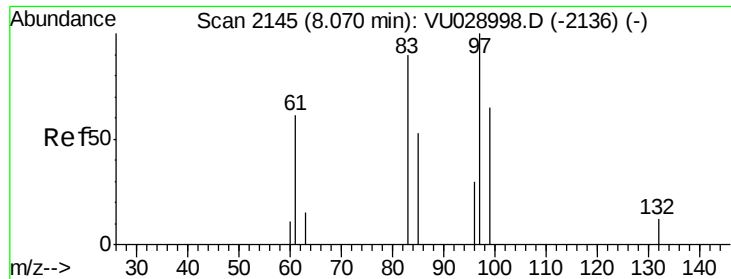
Tgt Ion: 75 Resp: 53301
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.724 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion: 75 Resp: 58938
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6
 39 39.2 32.2 48.4

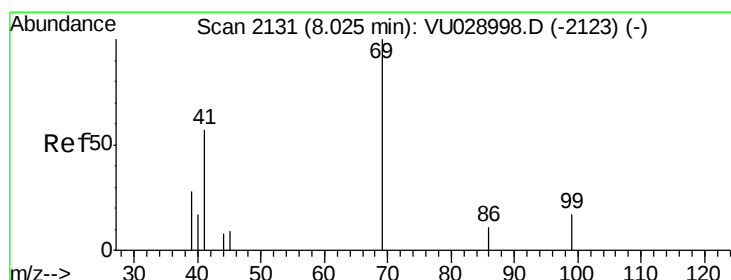
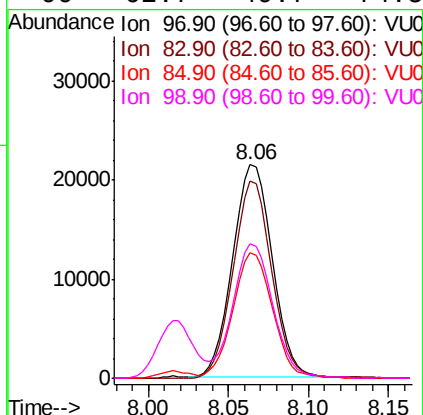
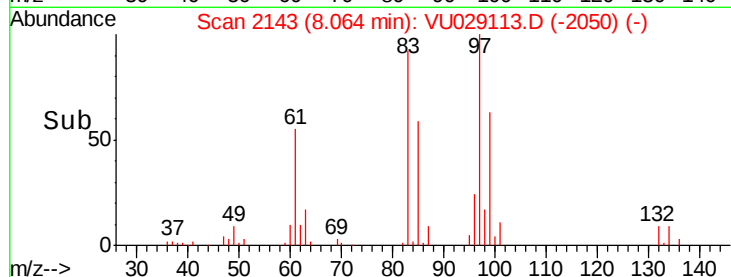
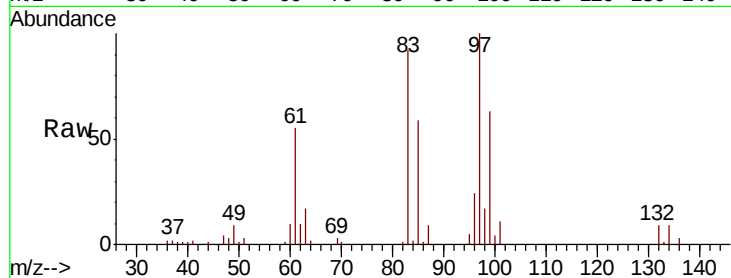




#55
 1,1,2-Trichloroethane
 Concen: 20.084 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

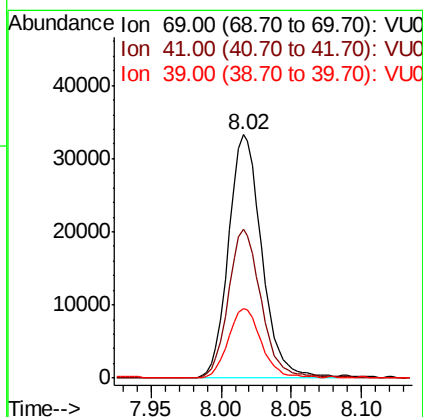
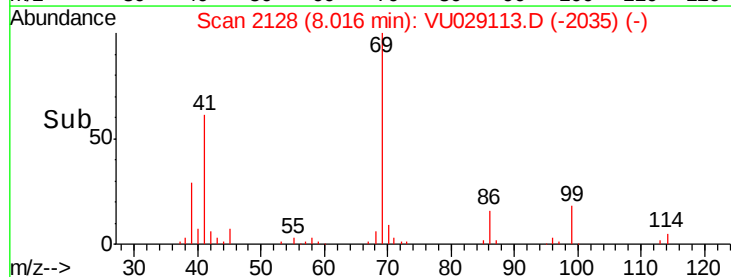
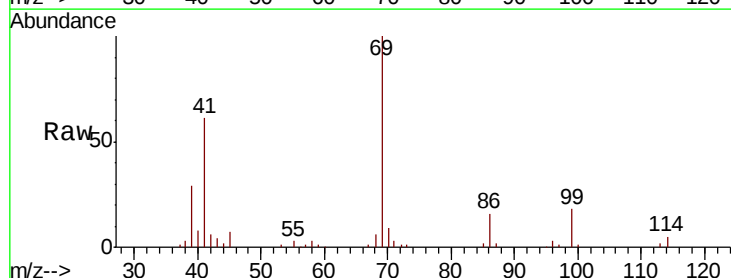
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

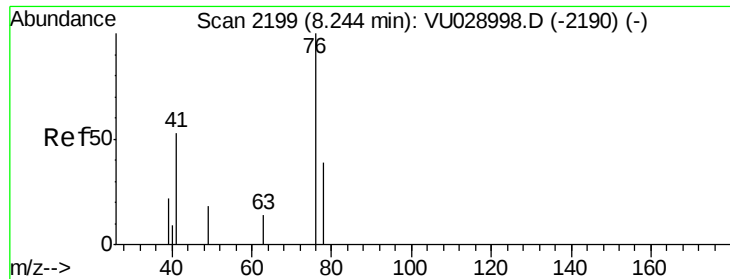
Tgt Ion:	97	Resp:	36277
Ion	Ratio	Lower	Upper
97	100		
83	92.6	69.8	104.8
85	58.3	47.3	70.9
99	62.7	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 19.774 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion:	69	Resp:	55026
Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.5	71.3
39	28.6	22.5	33.7

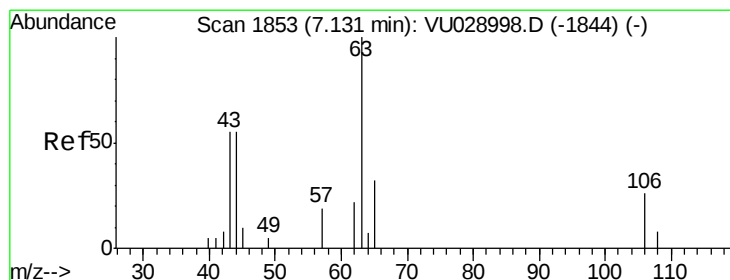
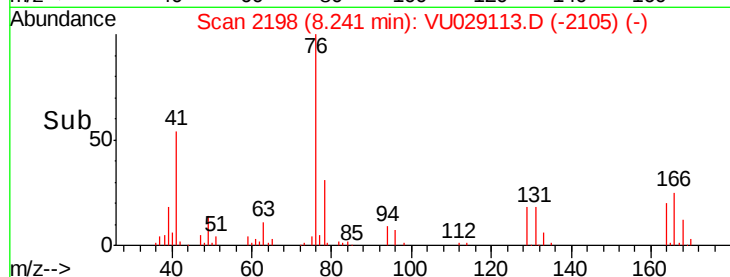
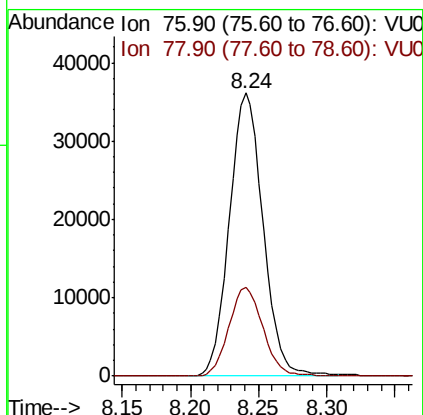
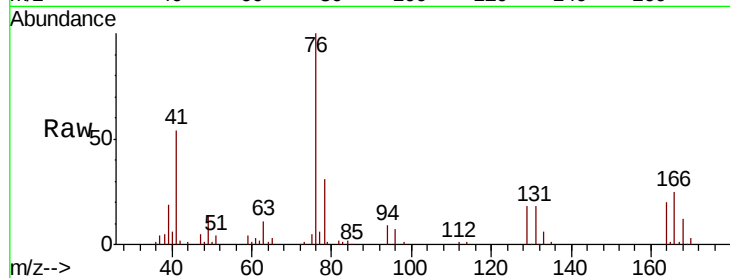




#57
 1,3-Dichloropropane
 Concen: 20.043 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

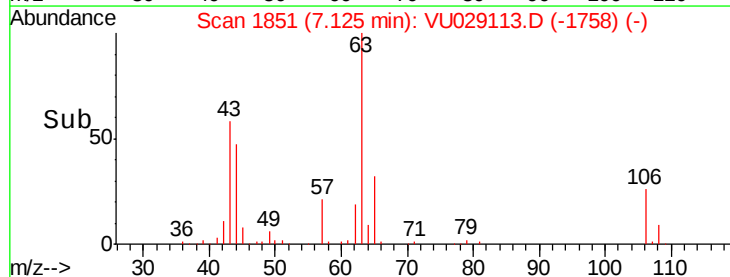
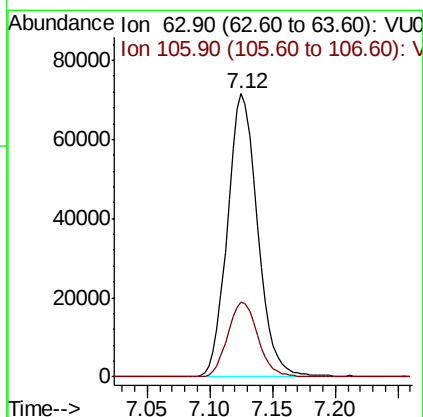
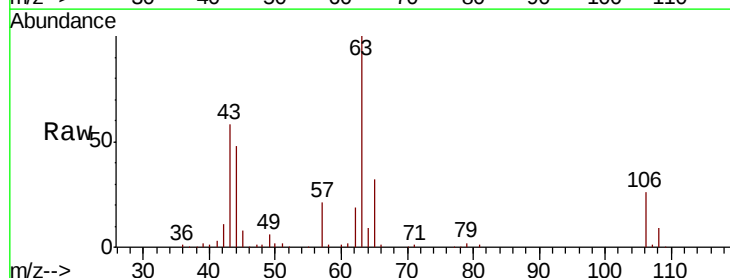
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

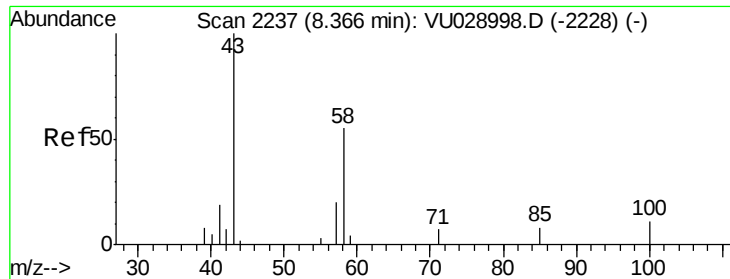
Tgt Ion: 76 Resp: 61947
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.655 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion: 63 Resp: 119511
 Ion Ratio Lower Upper
 63 100
 106 26.5 20.6 31.0

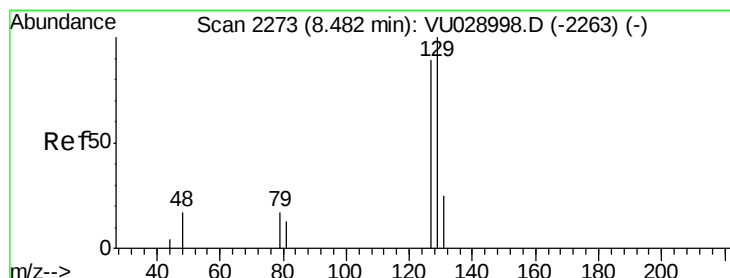
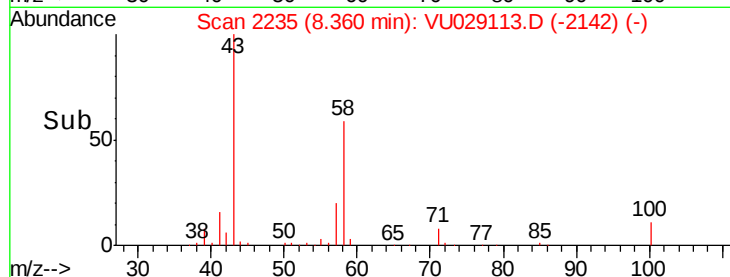
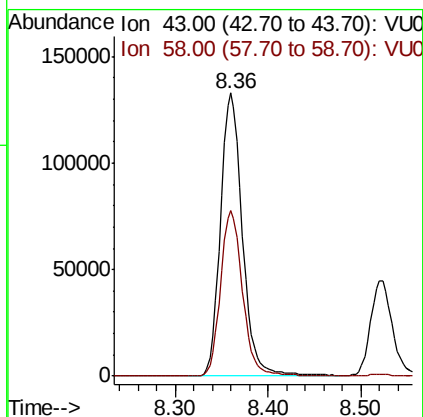
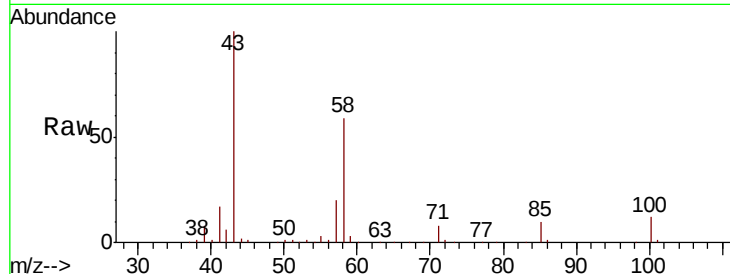




#59
2-Hexanone
Concen: 102.377 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

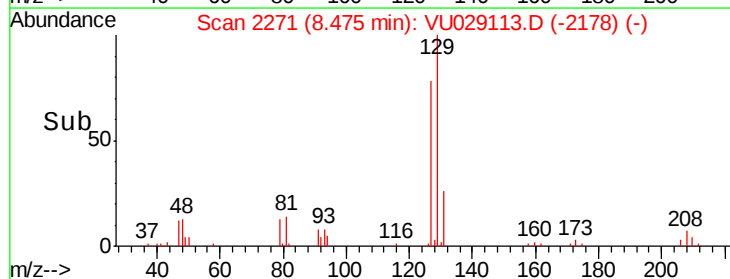
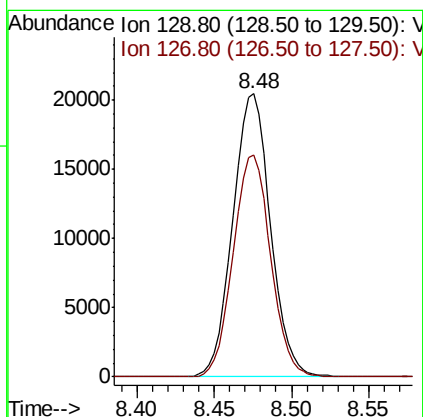
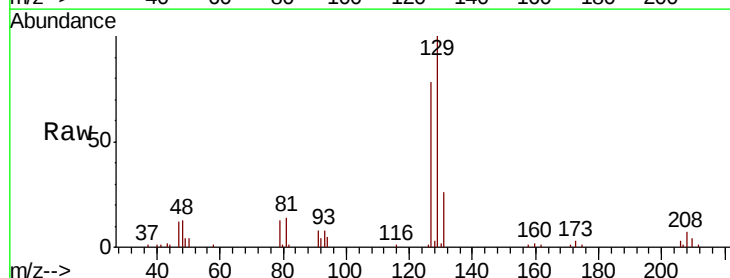
Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

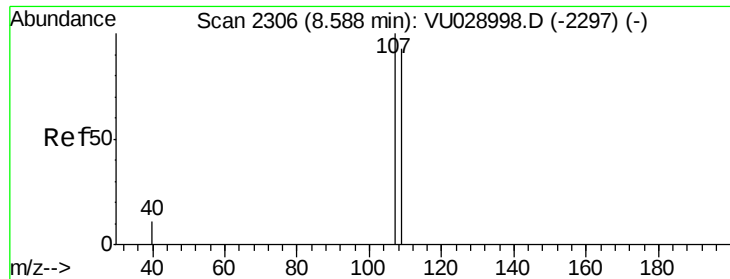
Tgt Ion: 43 Resp: 218654
Ion Ratio Lower Upper
43 100
58 58.5 29.8 89.4



#60
Dibromochloromethane
Concen: 19.337 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 129 Resp: 34603
Ion Ratio Lower Upper
129 100
127 78.0 38.0 114.0

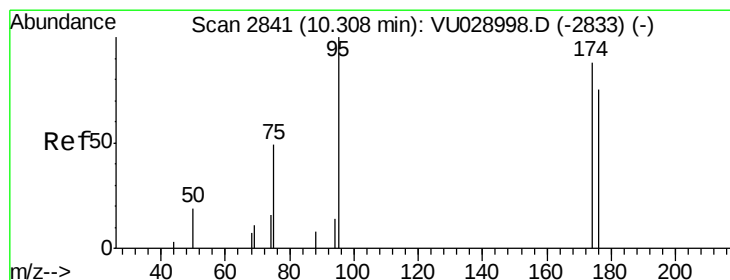
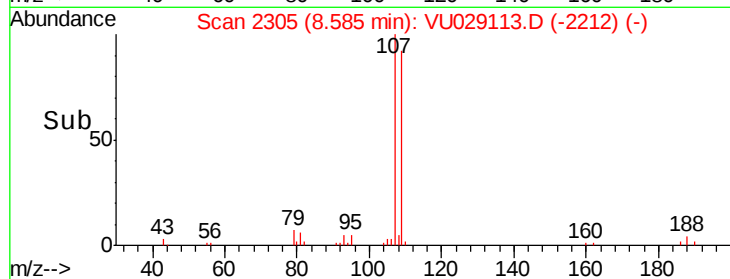
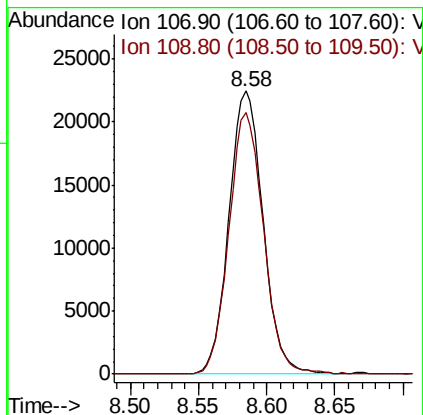
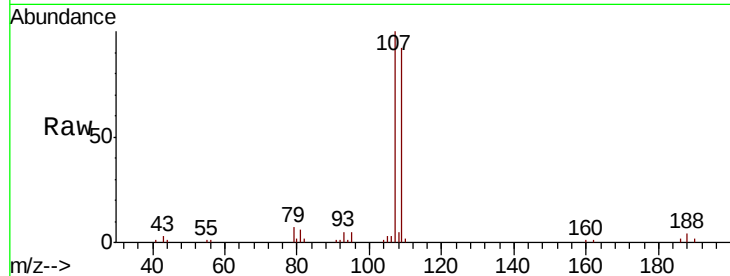




#61
 1,2-Dibromoethane
 Concen: 19.907 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

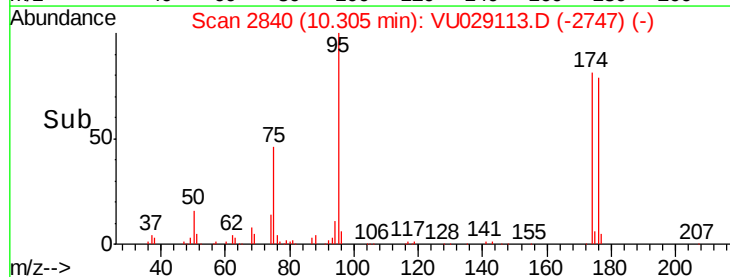
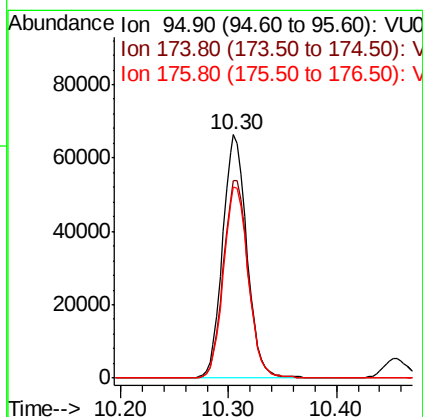
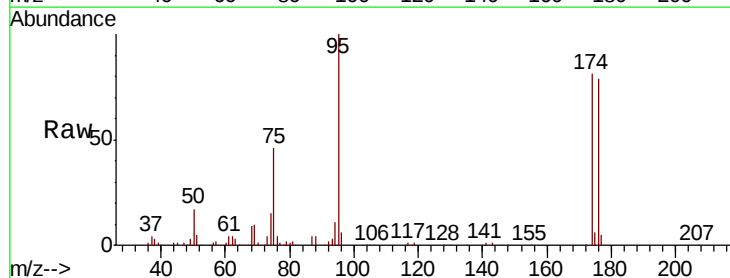
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

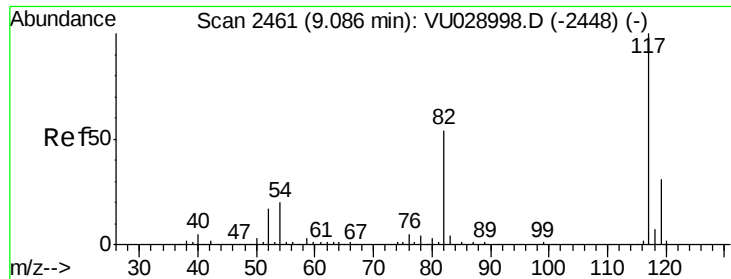
Tgt Ion: 107 Resp: 38998
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 47.544 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion: 95 Resp: 103870
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 170.6
 176 80.1 0.0 165.0

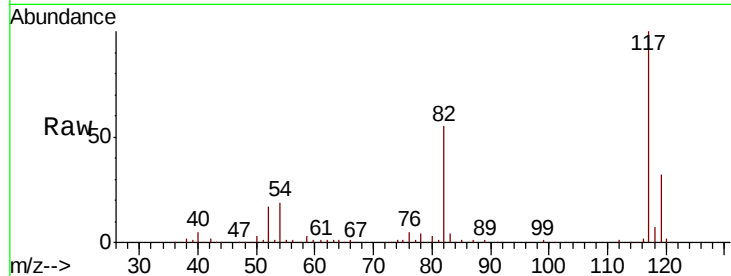




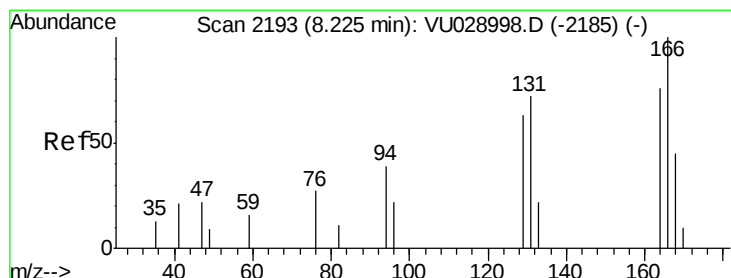
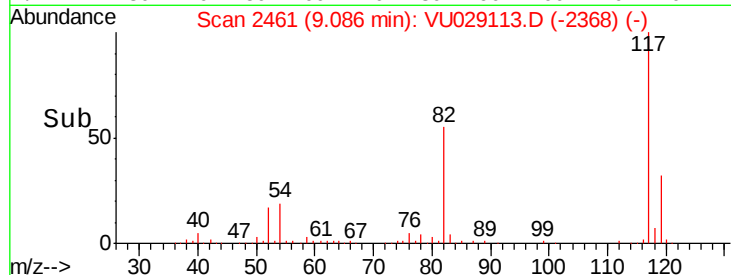
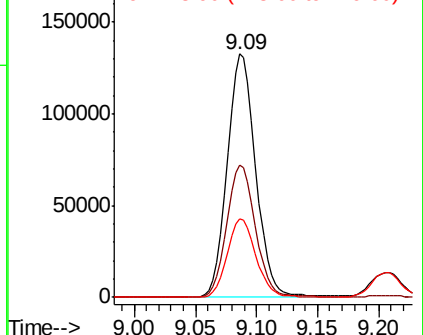
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

Tgt Ion:117 Resp: 217806
Ion Ratio Lower Upper
117 100
82 54.5 43.9 65.9
119 32.4 26.0 39.0

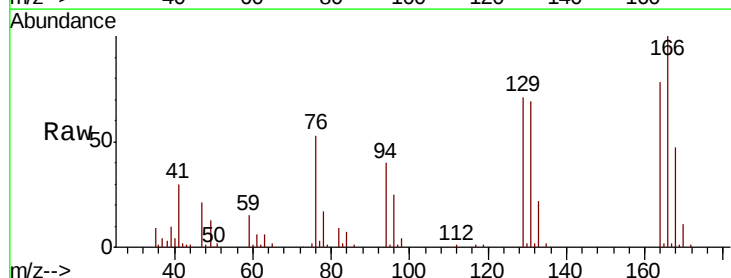


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

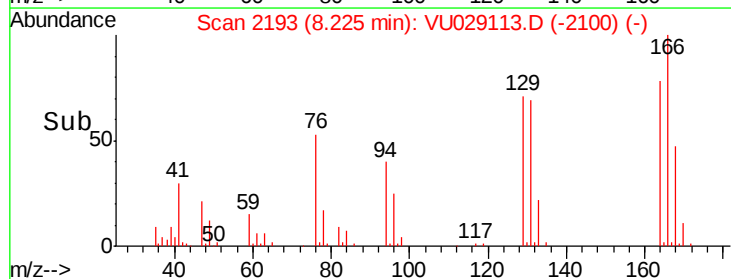
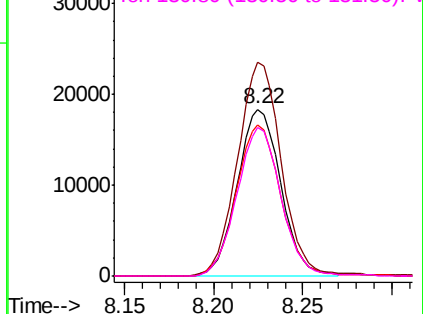


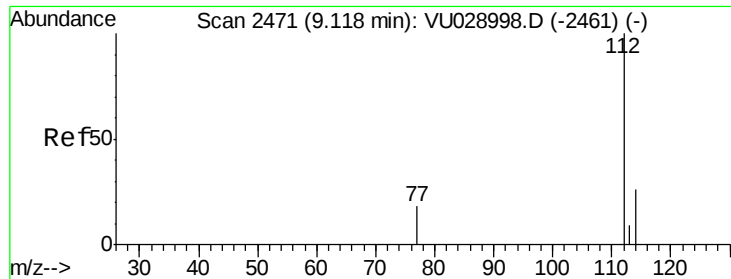
#64
Tetrachloroethene
Concen: 19.887 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion:164 Resp: 31202
Ion Ratio Lower Upper
164 100
166 127.9 99.4 149.0
129 90.5 70.5 105.7
131 88.6 69.0 103.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

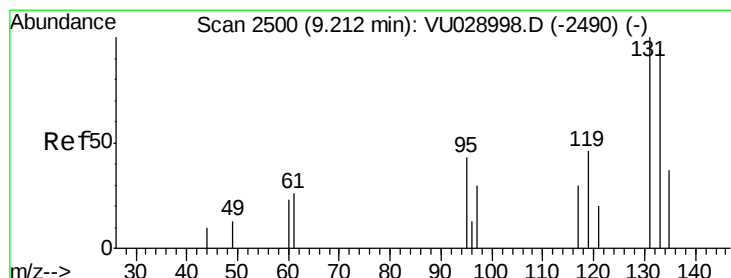
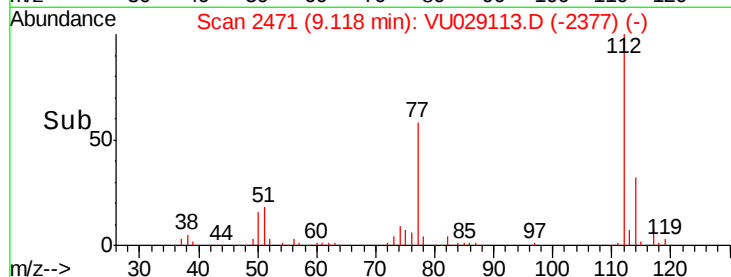
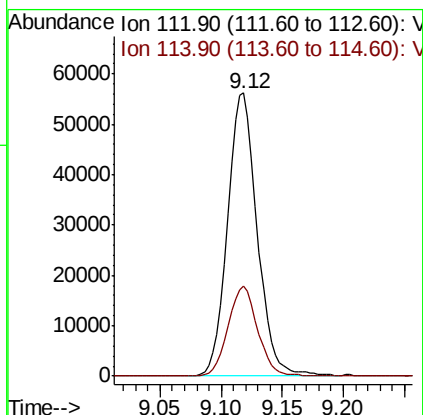
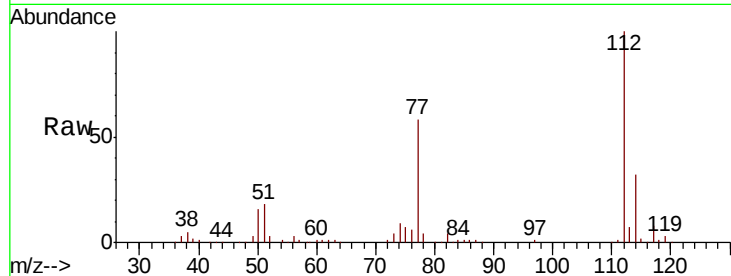




#65
Chlorobenzene
Concen: 19.621 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

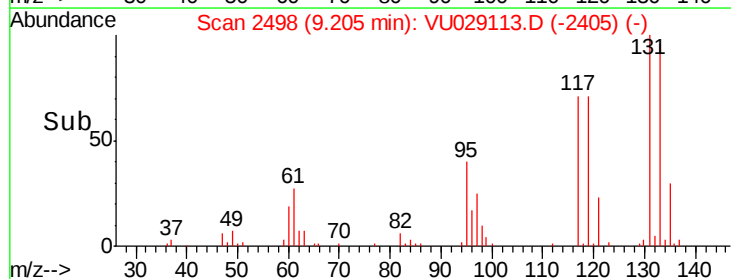
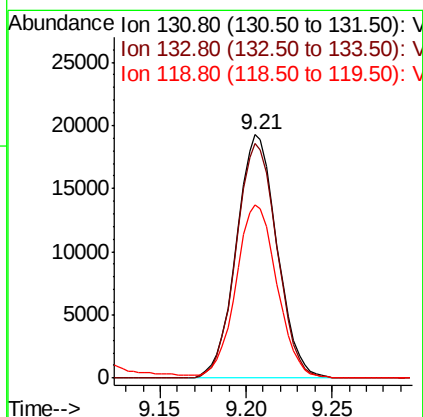
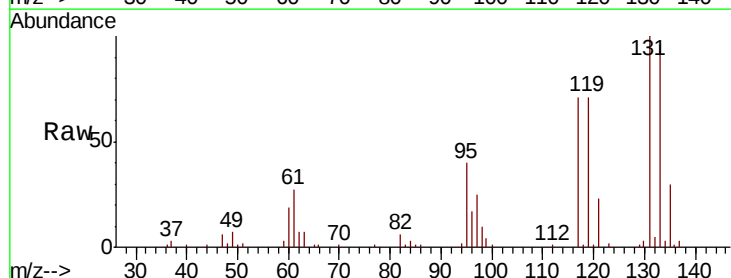
Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

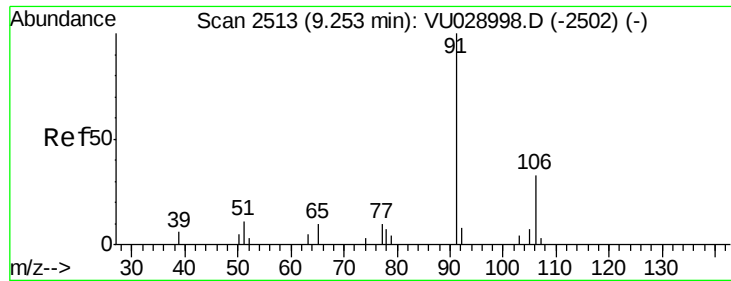
Tgt Ion:112 Resp: 95792
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.049 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion:131 Resp: 31766
Ion Ratio Lower Upper
131 100
133 96.7 48.2 144.6
119 72.0 35.4 106.3





#67

Ethyl Benzene

Concen: 20.221 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

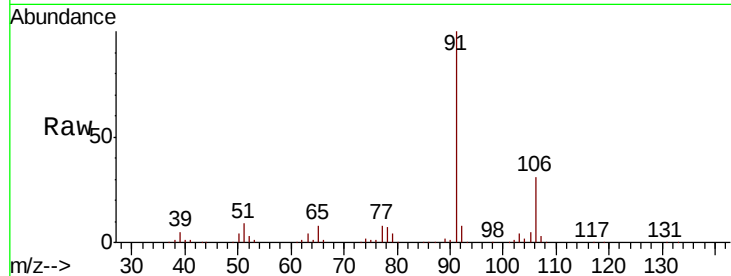
VU0110WBS01

Tgt Ion: 91 Resp: 164824

Ion Ratio Lower Upper

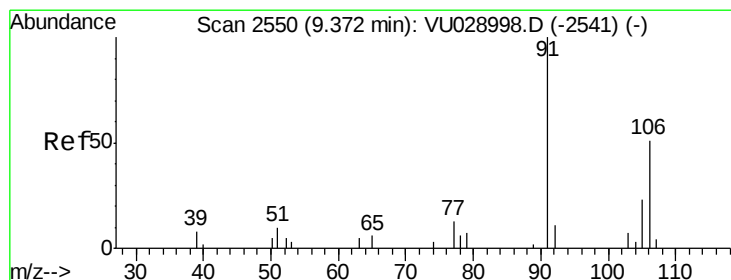
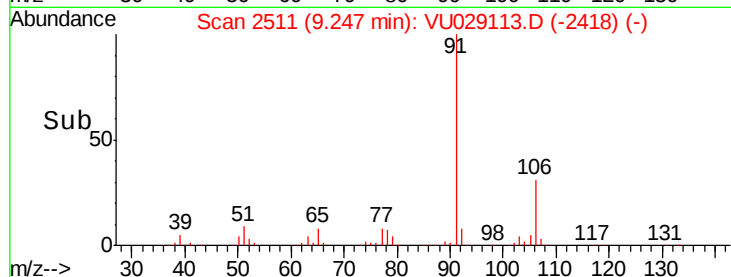
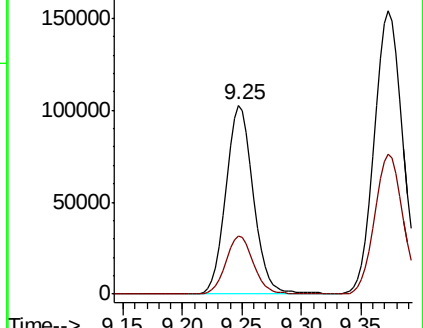
91 100

106 30.8 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-2502) (-)

Ion 106.00 (105.70 to 106.70): VU028998.D (-2502) (-)



#68

m/p-Xylenes

Concen: 40.419 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU029113.D

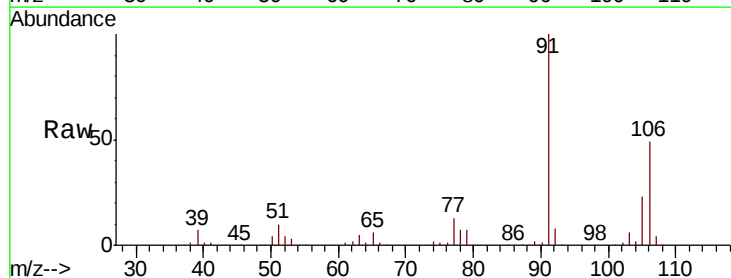
Acq: 10 Jan 2019 13:03

Tgt Ion: 106 Resp: 128012

Ion Ratio Lower Upper

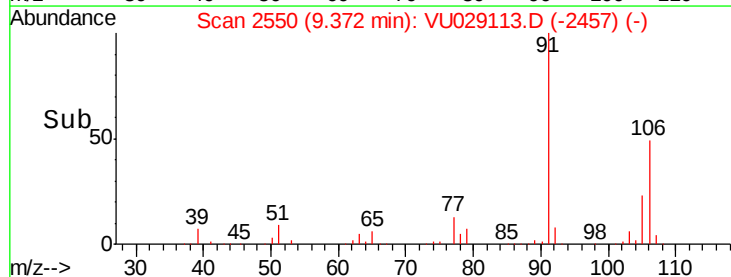
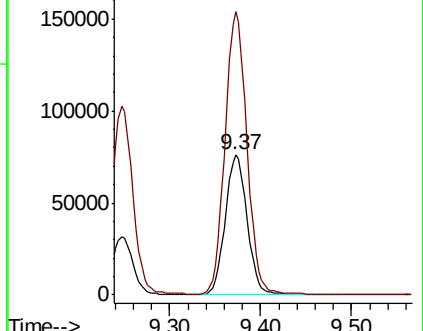
106 100

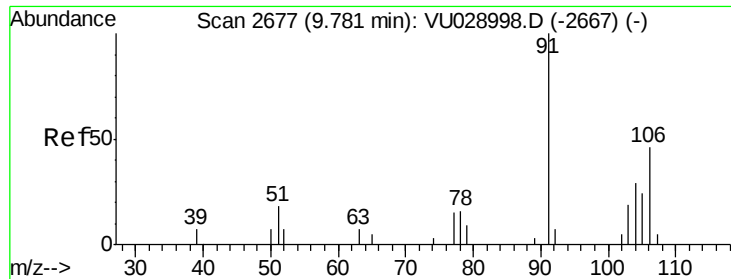
91 201.0 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VU028998.D (-2541) (-)

Ion 91.00 (90.70 to 91.70): VU028998.D (-2541) (-)

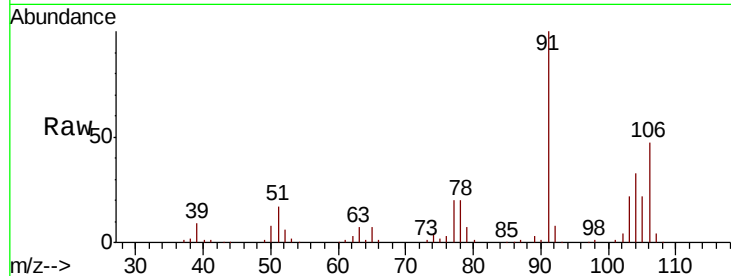




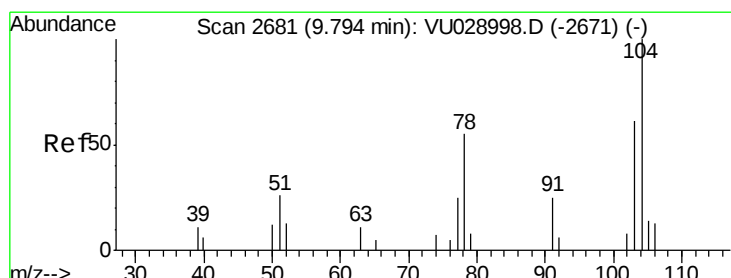
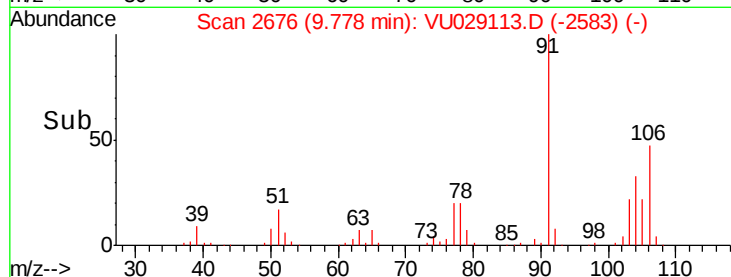
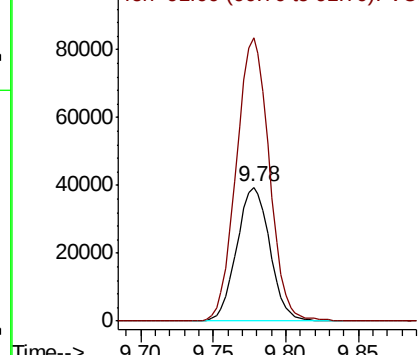
#69
o-Xylene
Concen: 20.622 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

Tgt Ion:106 Resp: 62930
Ion Ratio Lower Upper
106 100
91 209.6 106.1 318.3

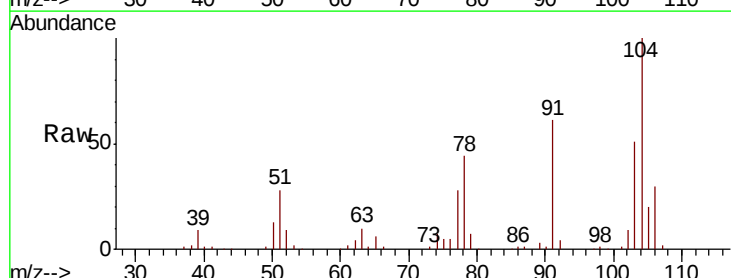


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

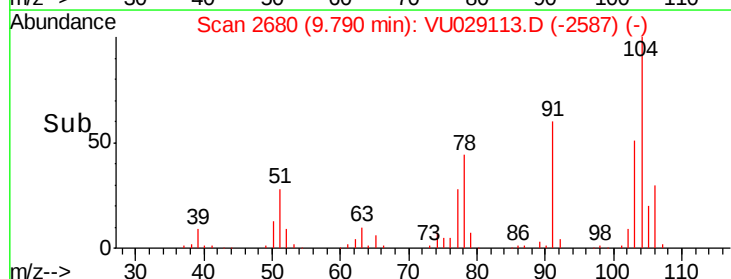
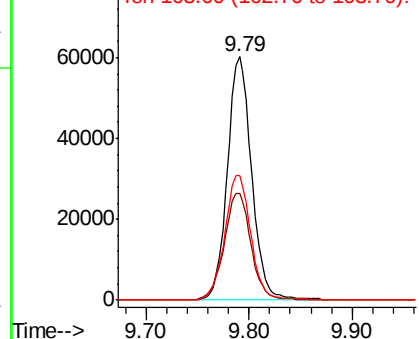


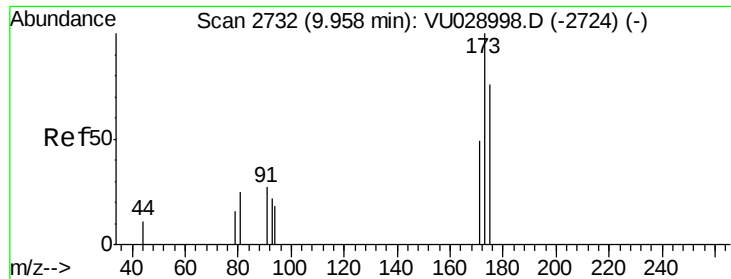
#70
Styrene
Concen: 19.796 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion:104 Resp: 99032
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 55.1 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.619 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU0110WBS01

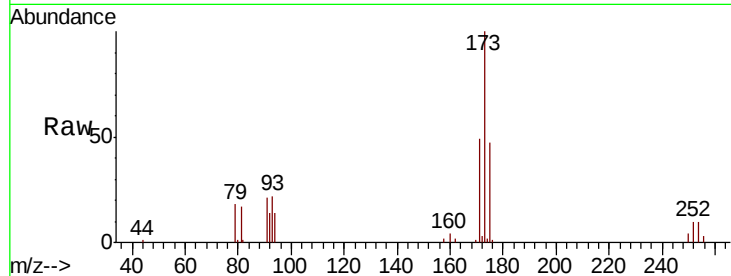
Tgt Ion:173 Resp: 27678

Ion Ratio Lower Upper

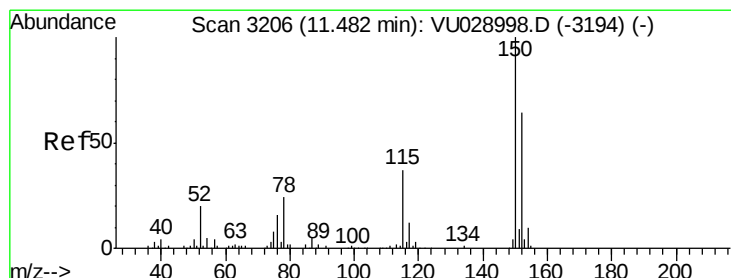
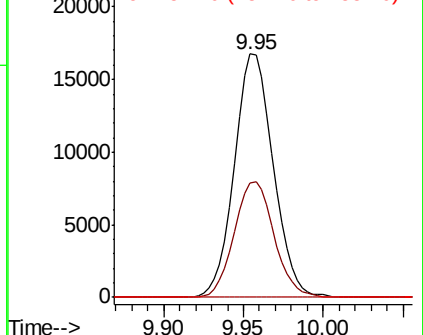
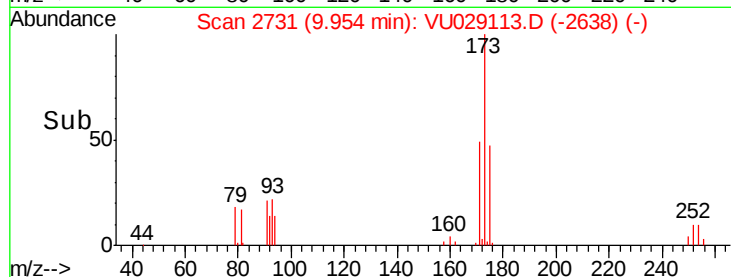
173 100

175 48.5 23.8 71.2

254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

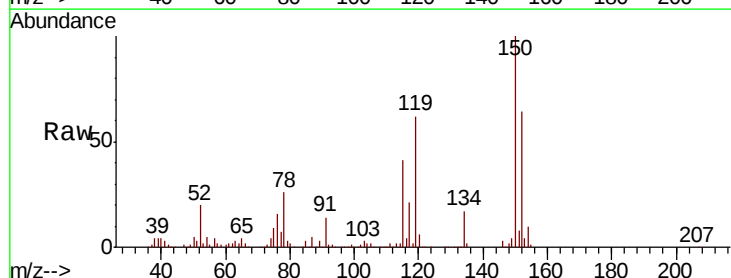
Tgt Ion:152 Resp: 104421

Ion Ratio Lower Upper

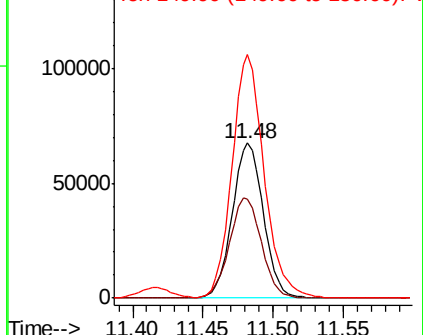
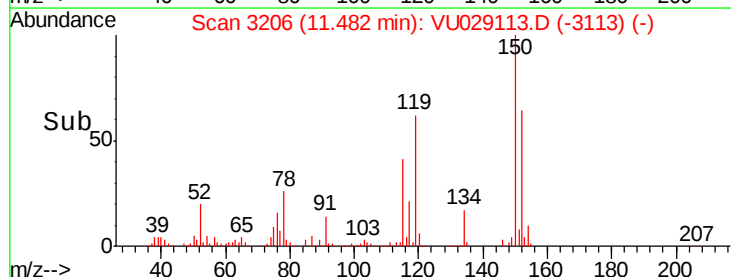
152 100

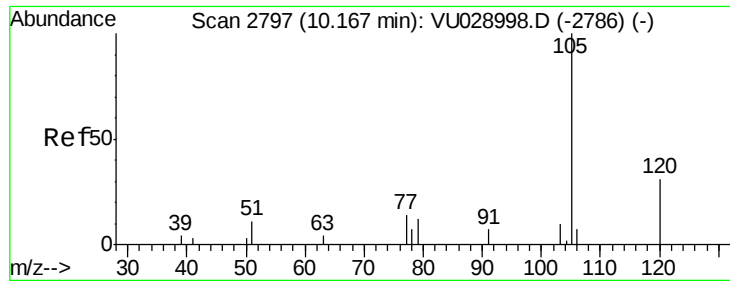
115 66.7 40.1 120.3

150 161.9 0.0 345.2



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: 20.381 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

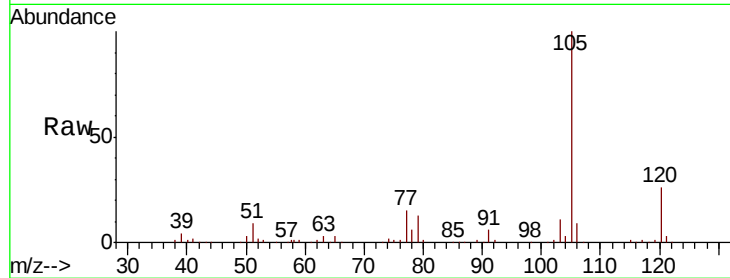
VU0110WBS01

Tgt Ion: 105 Resp: 157524

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.16

120000

100000

80000

60000

40000

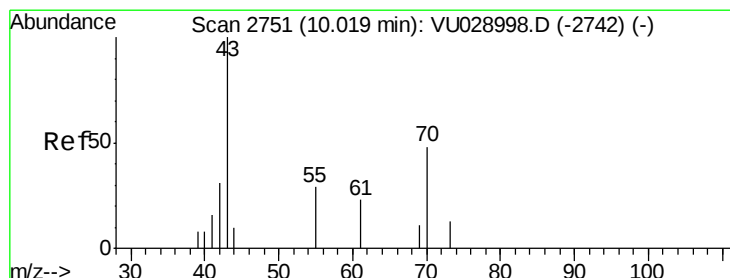
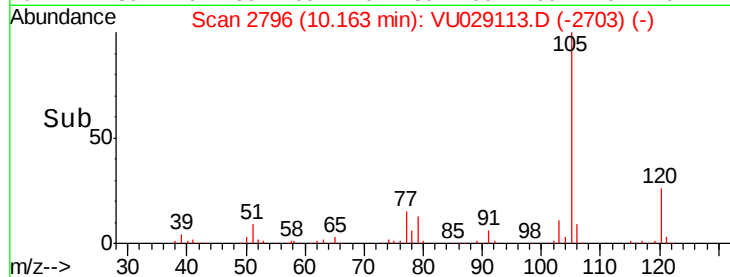
20000

0

Time-->

10.10

10.20



#74

N-ethyl acetate

Concen: 20.413 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Tgt Ion: 43 Resp: 67985

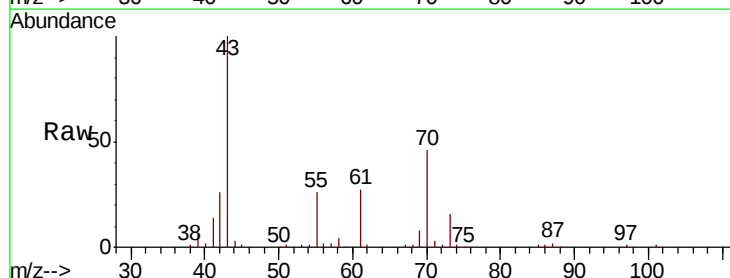
Ion Ratio Lower Upper

43 100

70 45.8 36.3 54.5

55 26.2 20.5 30.7

61 26.9 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

10.01

60000

40000

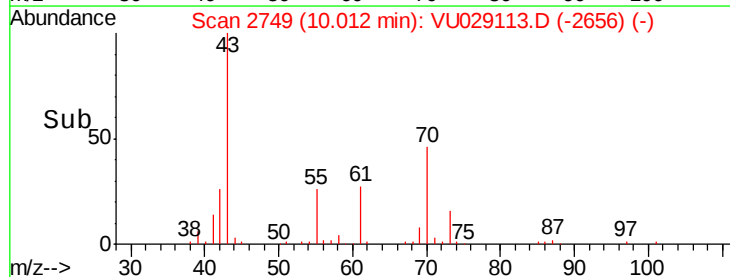
20000

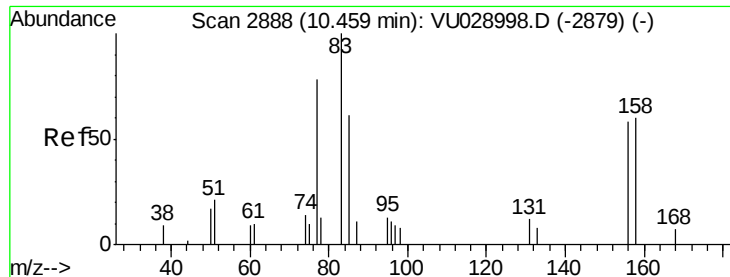
0

Time-->

10.00

10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.485 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU0110WBS01

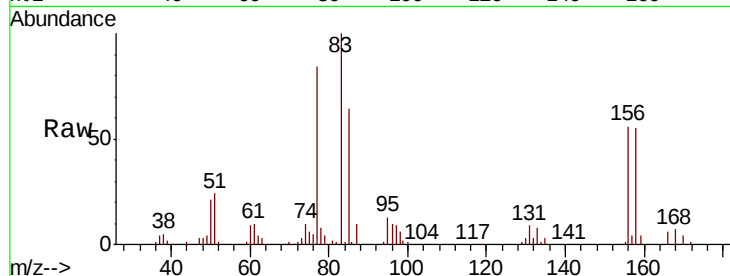
Tgt Ion: 83 Resp: 63455

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.1

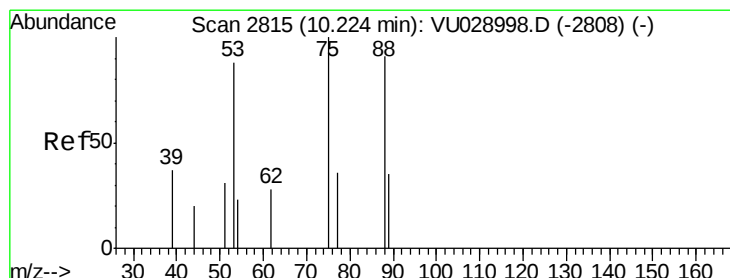
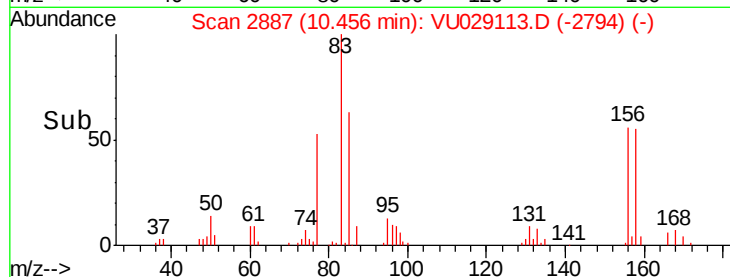
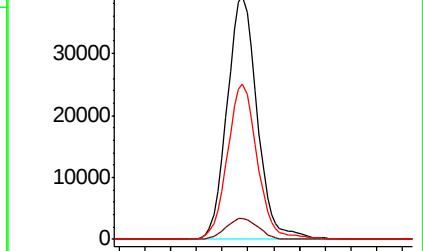
85 63.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU028998.D (-2879) (-)

Ion 130.80 (130.50 to 131.50): VU028998.D (-2879) (-)

Ion 84.90 (84.60 to 85.60): VU028998.D (-2879) (-)



#76

1,2,3-Trichloropropane

Concen: 28.431 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.00 min

Lab File: VU029113.D

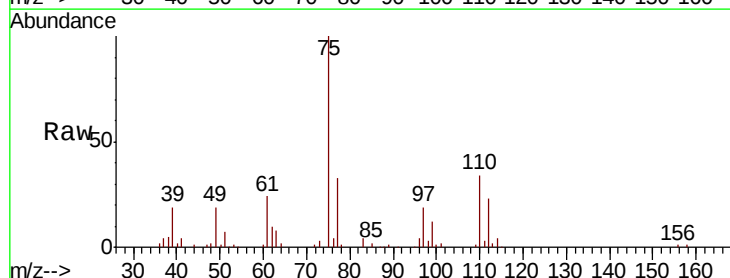
Acq: 10 Jan 2019 13:03

Tgt Ion: 75 Resp: 72739

Ion Ratio Lower Upper

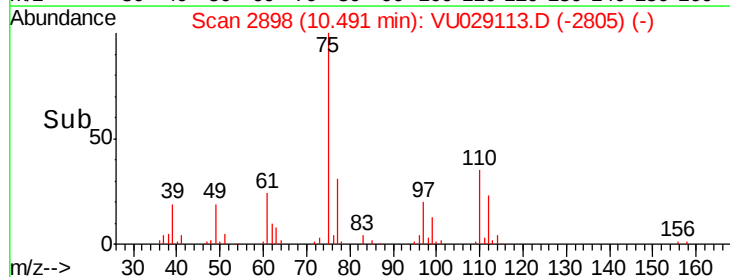
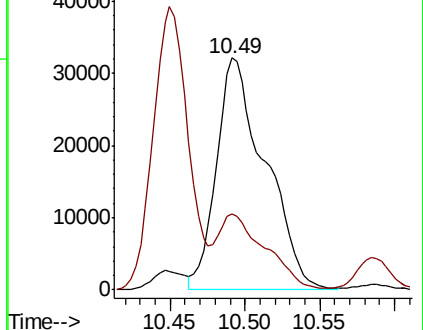
75 100

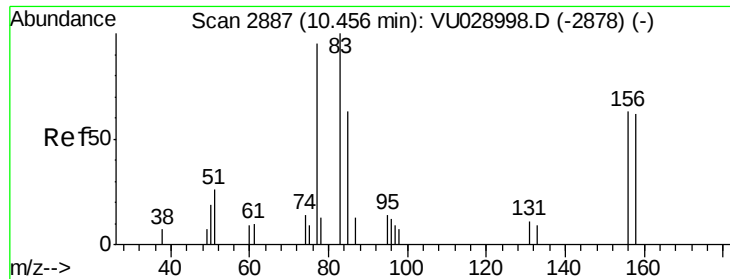
77 31.0 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-2808) (-)

Ion 77.00 (76.70 to 77.70): VU028998.D (-2808) (-)





#77

Bromobenzene

Concen: 20.385 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU0110WBS01

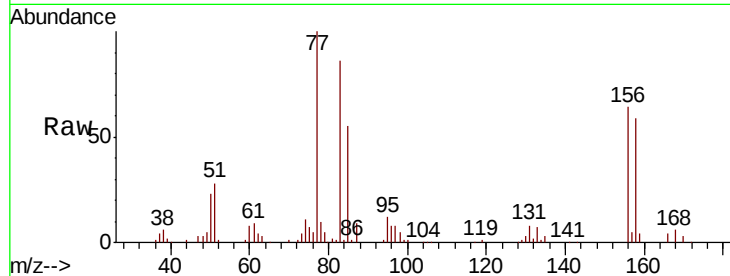
Tgt Ion:156 Resp: 41058

Ion Ratio Lower Upper

156 100

77 155.2 79.0 237.2

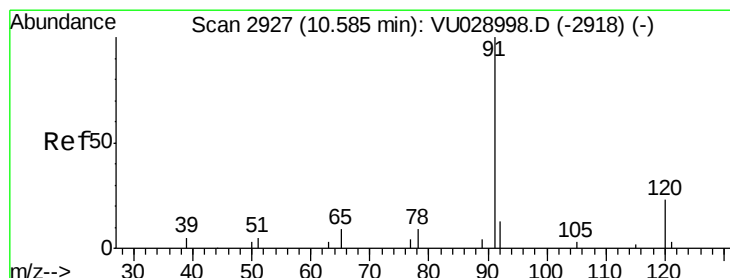
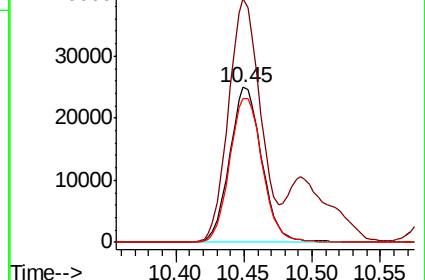
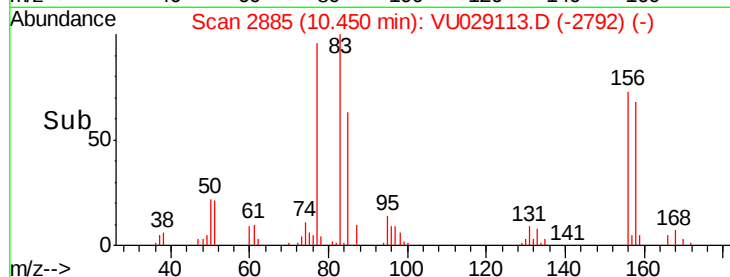
158 94.6 48.9 146.6



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: 20.765 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029113.D

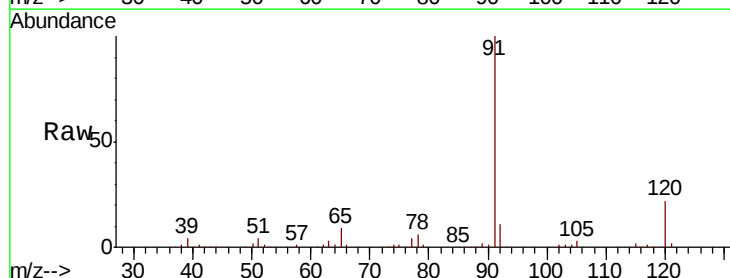
Acq: 10 Jan 2019 13:03

Tgt Ion: 91 Resp: 189134

Ion Ratio Lower Upper

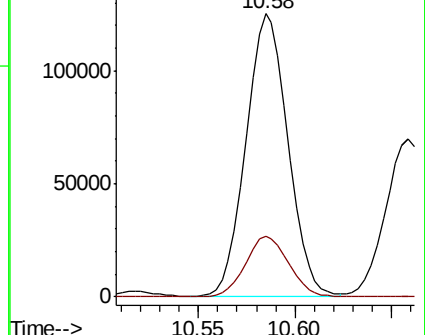
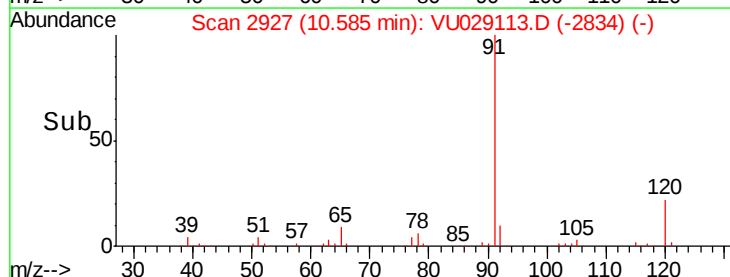
91 100

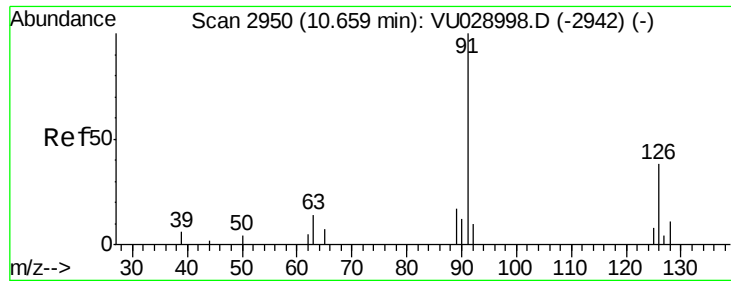
120 21.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

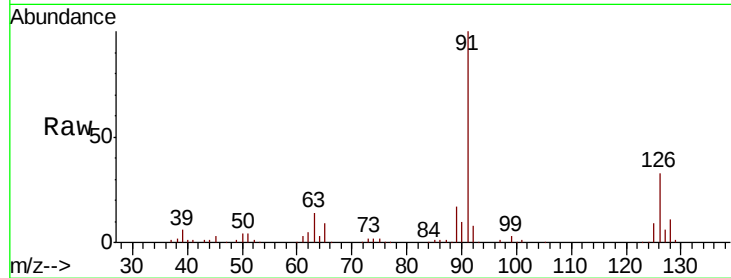




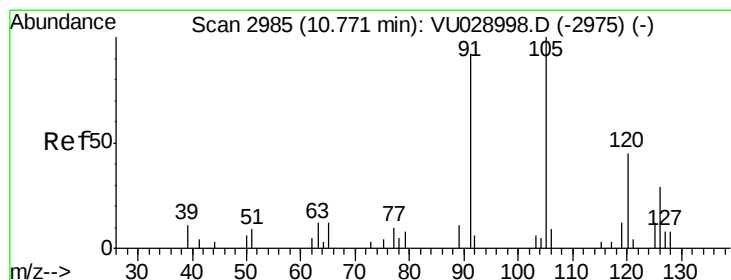
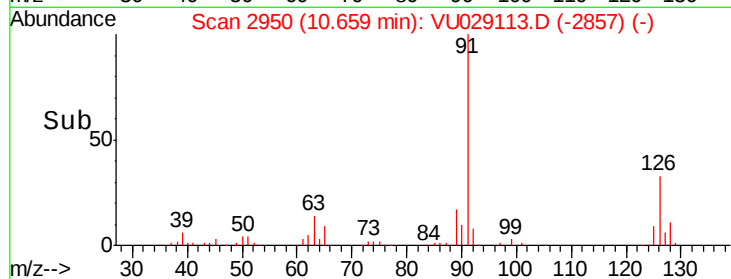
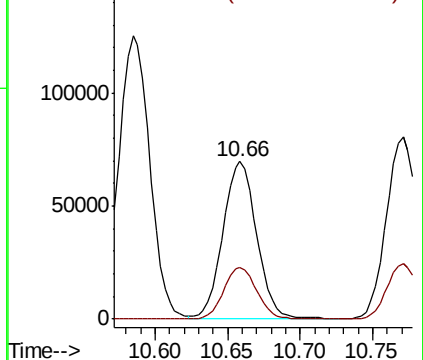
#79
 2-Chlorotoluene
 Concen: 20.421 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

Tgt Ion: 91 Resp: 112833
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.8 50.4

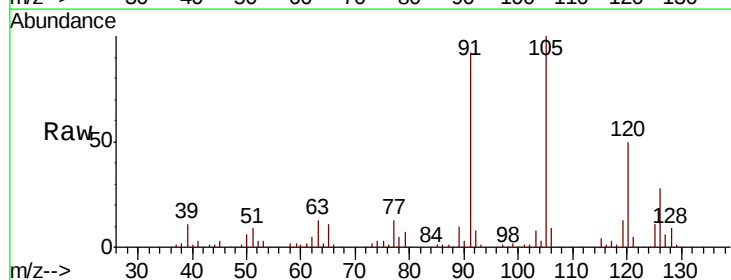


Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-2942) (-)
 Ion 125.90 (125.60 to 126.60): VU028998.D (-2942) (-)

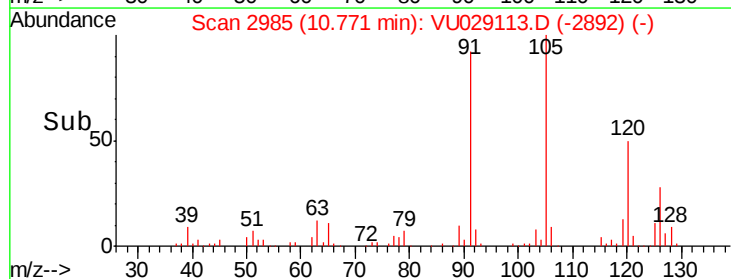
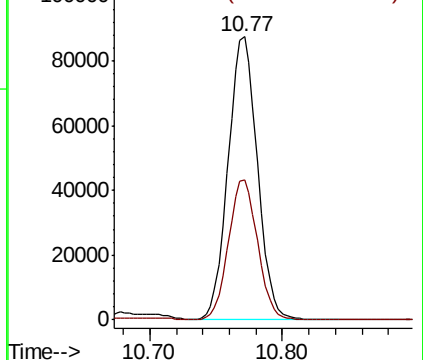


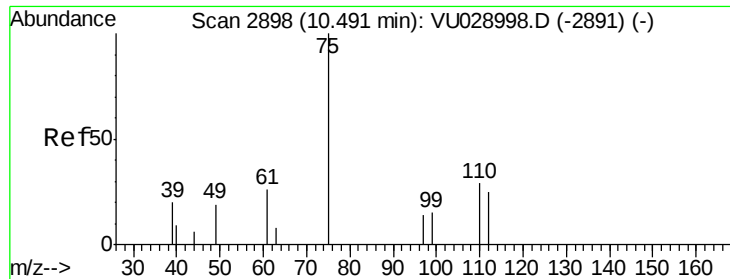
#80
 1,3,5-Trimethylbenzene
 Concen: 20.832 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion: 105 Resp: 134456
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VU028998.D (-2975) (-)
 Ion 120.00 (119.70 to 120.70): VU028998.D (-2975) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 73.324 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU0110WBS01

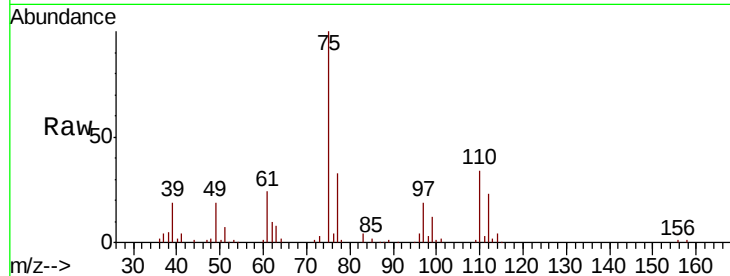
Tgt Ion: 75 Resp: 72739

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

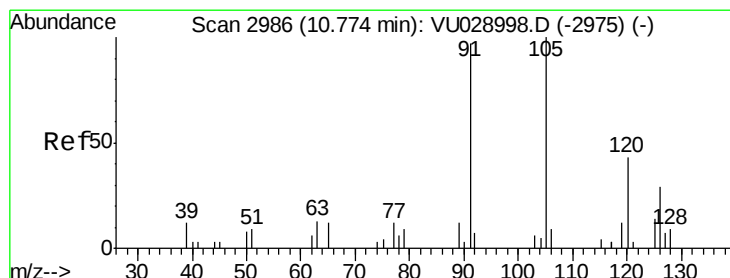
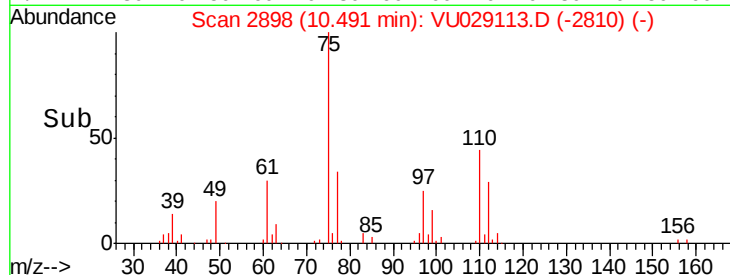
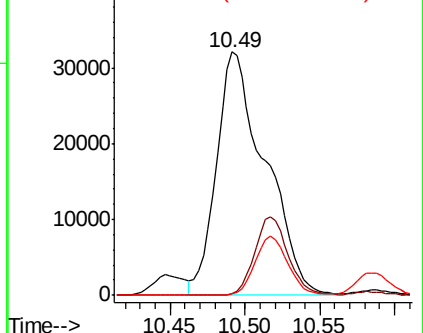
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 19.863 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029113.D

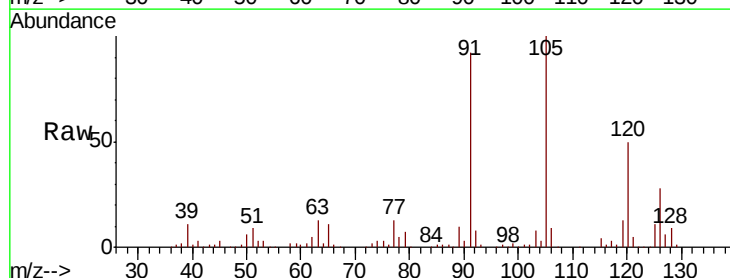
Acq: 10 Jan 2019 13:03

Tgt Ion: 91 Resp: 125844

Ion Ratio Lower Upper

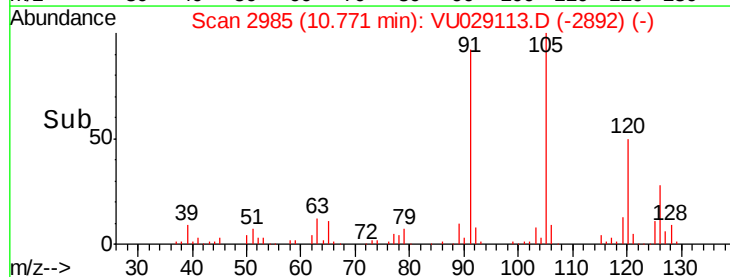
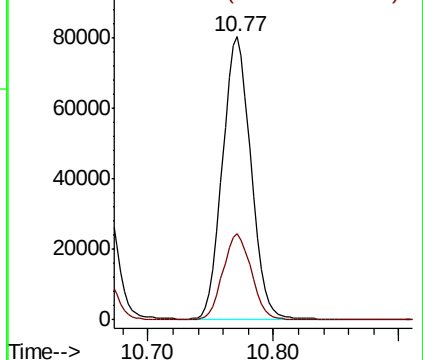
91 100

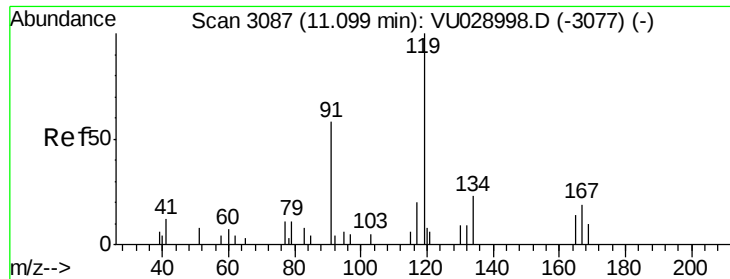
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

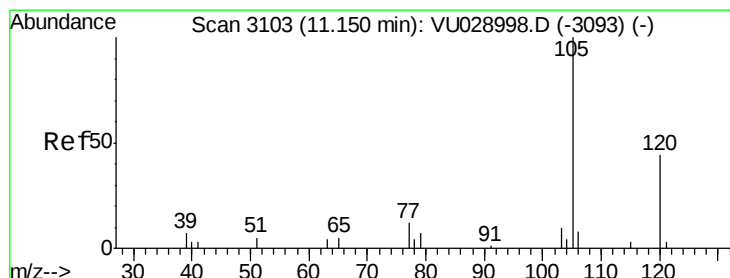
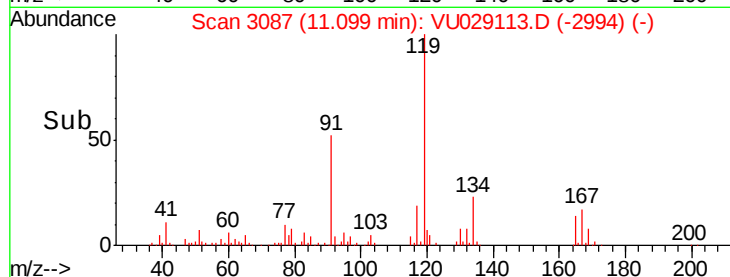
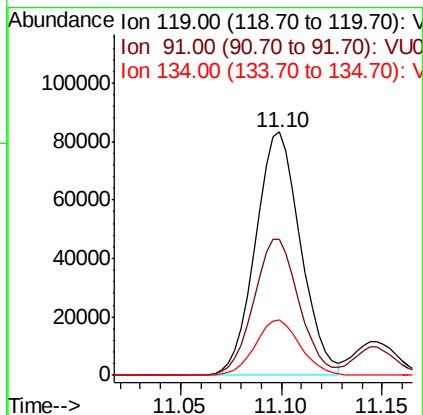
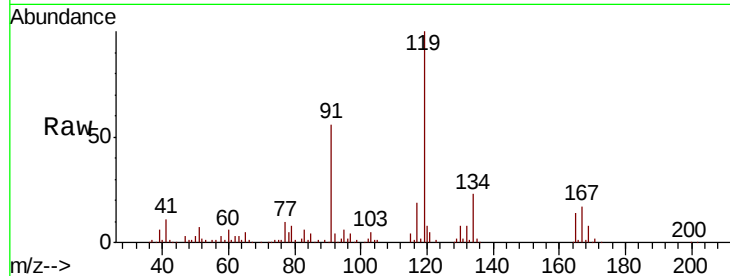




#83
 tert-Butylbenzene
 Concen: 20.403 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

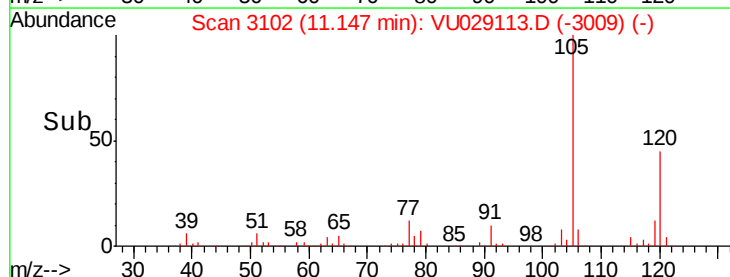
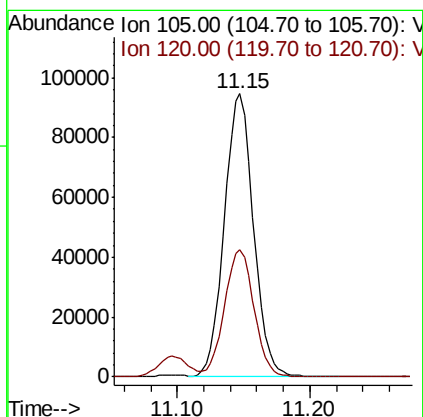
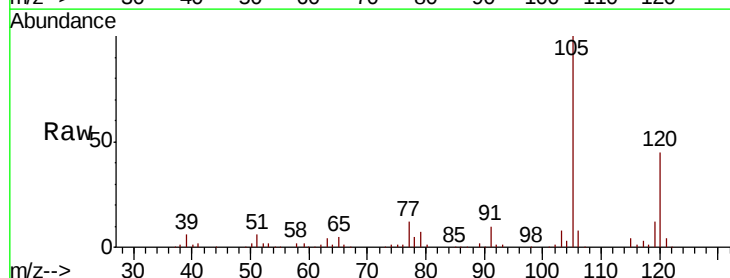
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

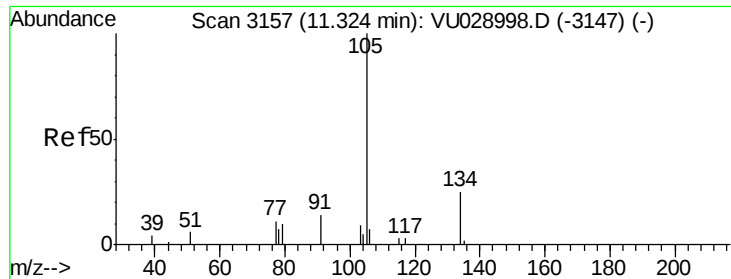
Tgt Ion:119 Resp: 129795
 Ion Ratio Lower Upper
 119 100
 91 56.6 28.2 84.6
 134 22.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.343 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion:105 Resp: 143977
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.960 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

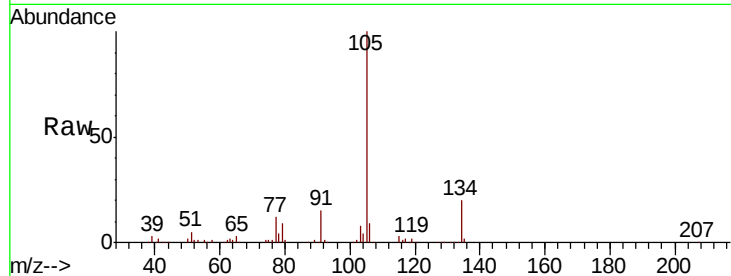
VU0110WBS01

Tgt Ion:105 Resp: 161260

Ion Ratio Lower Upper

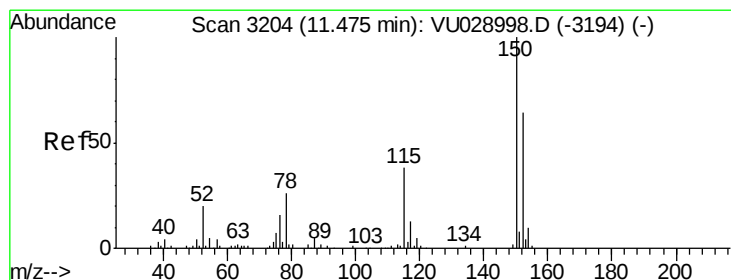
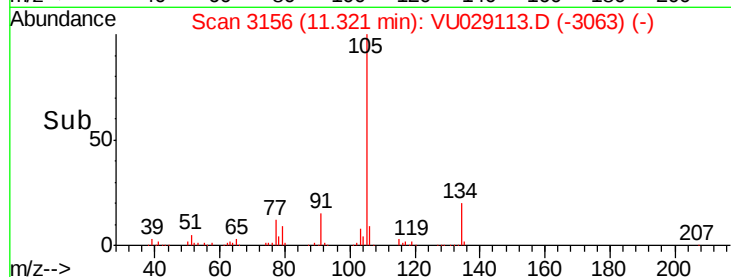
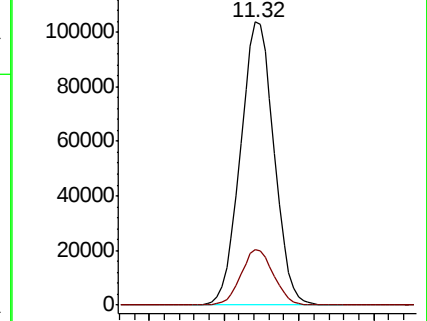
105 100

134 19.1 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.745 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

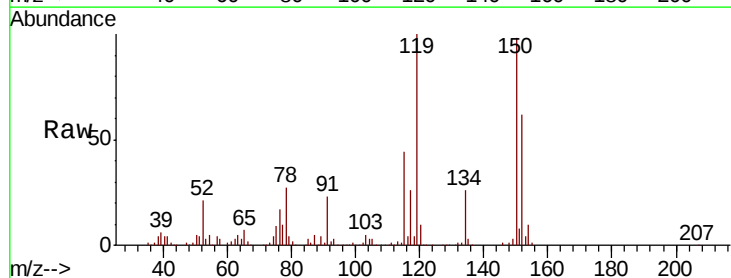
Tgt Ion:119 Resp: 136004

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

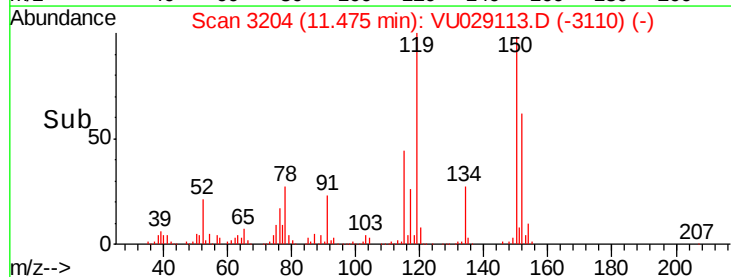
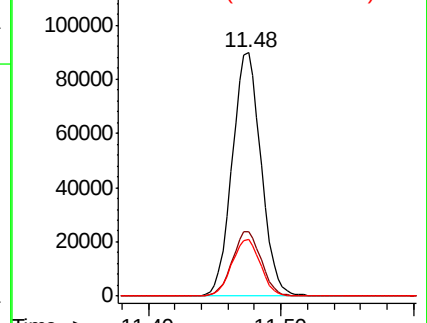
91 23.3 11.3 33.8

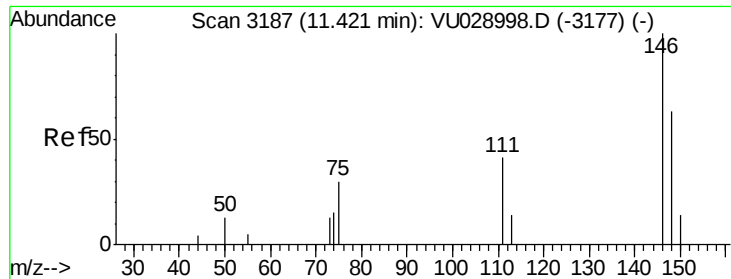


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

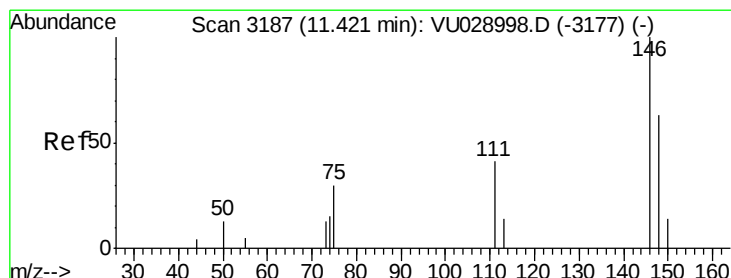
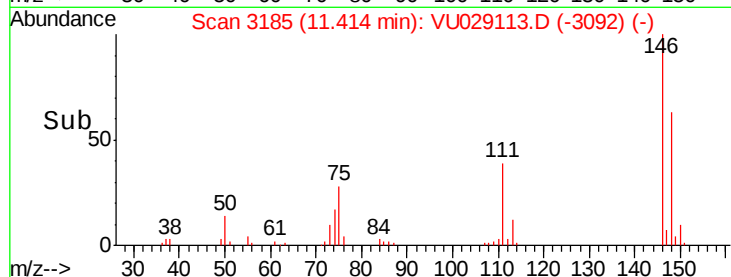
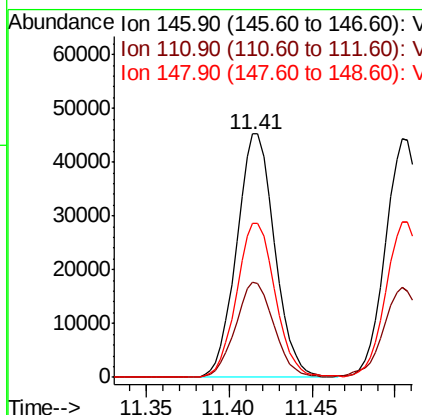
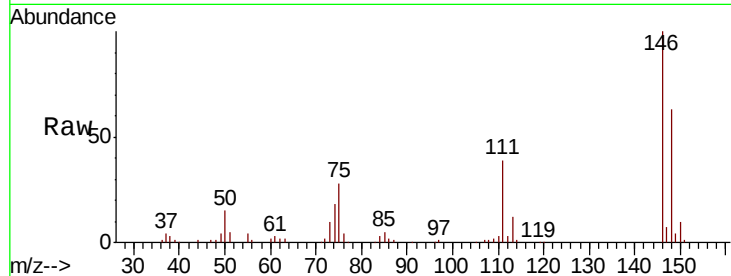




#87
 1,3-Dichlorobenzene
 Concen: 19.554 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

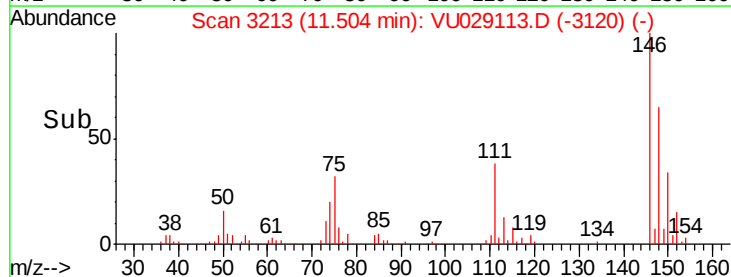
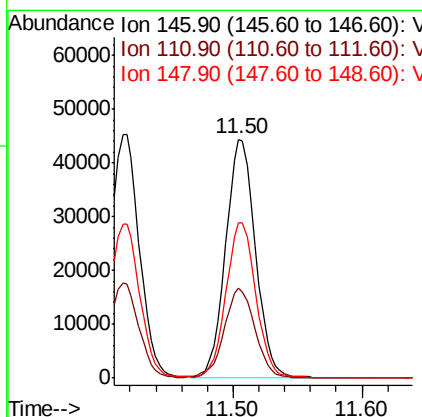
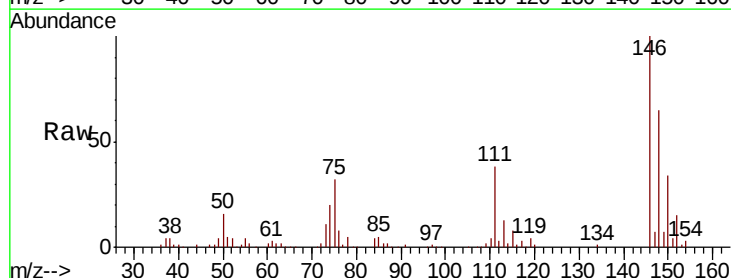
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

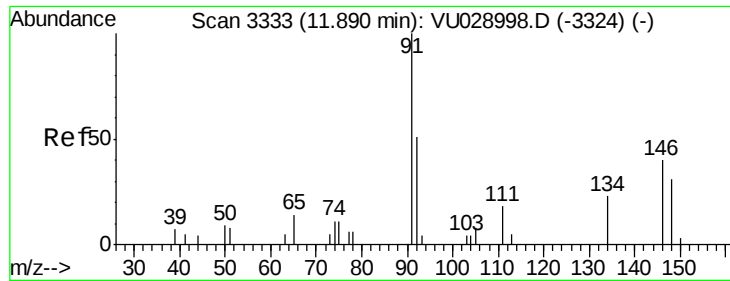
Tgt Ion:146 Resp: 72241
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.3 57.8
 148 64.2 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.712 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion:146 Resp: 71359
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.1 57.3
 148 65.2 32.6 98.0

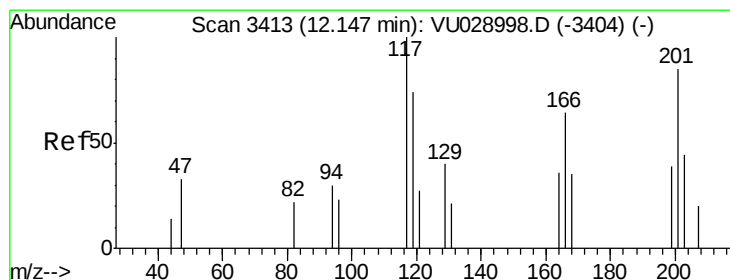
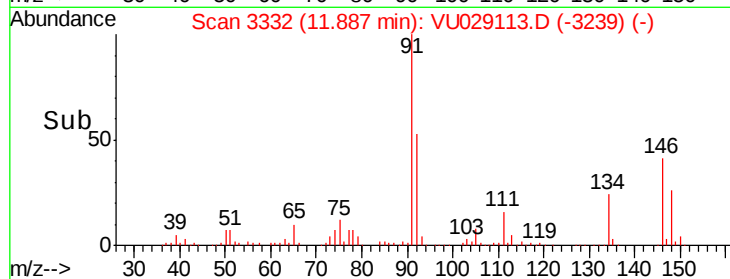
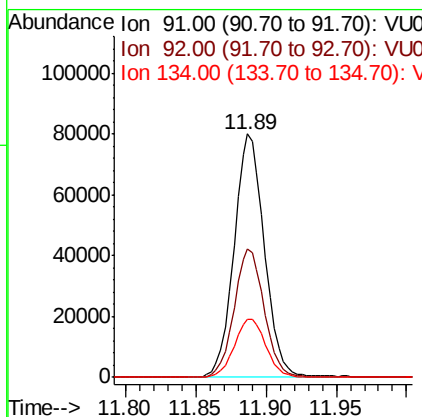
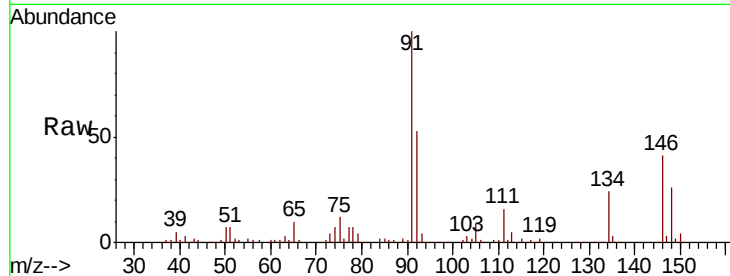




#89
n-Butylbenzene
Concen: 20.572 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

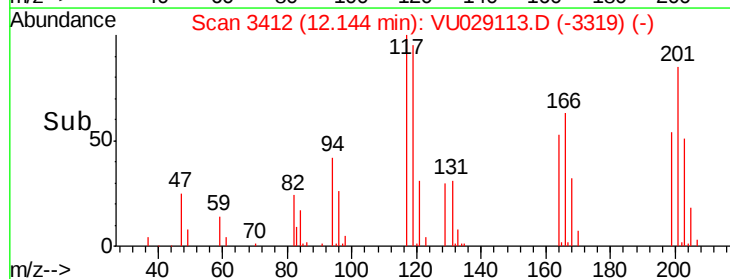
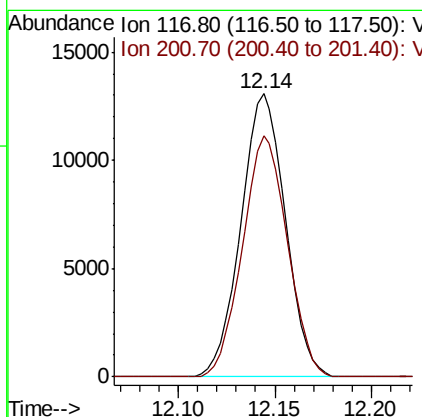
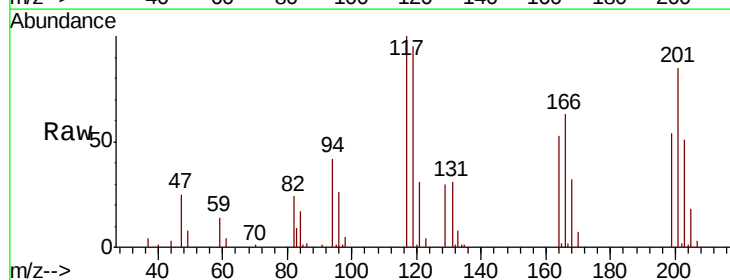
Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

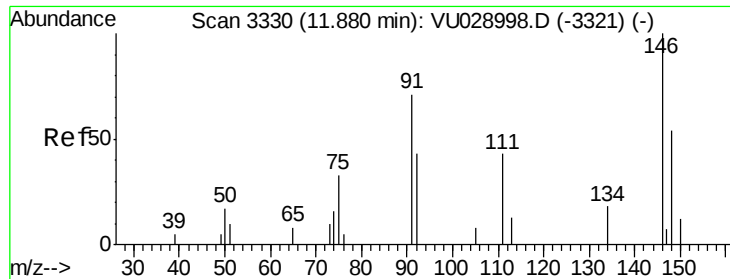
Tgt Ion: 91 Resp: 120375
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 25.0 12.6 37.6



#90
Hexachloroethane
Concen: 18.973 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion: 117 Resp: 20925
Ion Ratio Lower Upper
117 100
201 85.7 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 19.460 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU0110WBS01

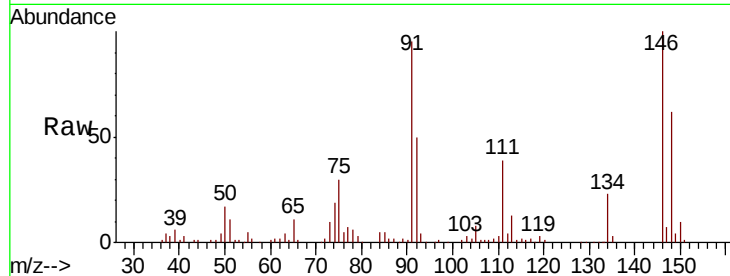
Tgt Ion:146 Resp: 72415

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

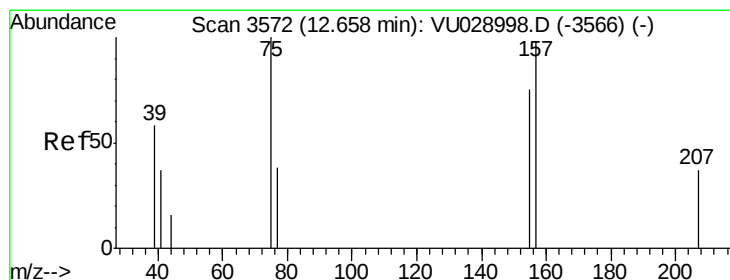
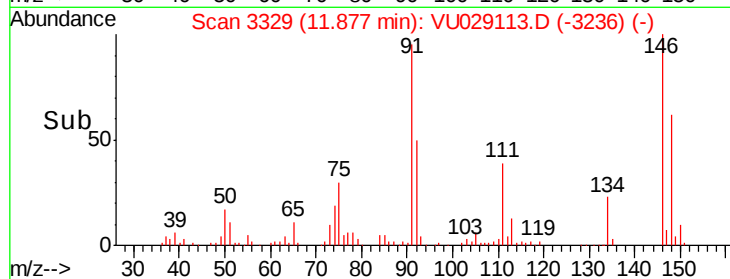
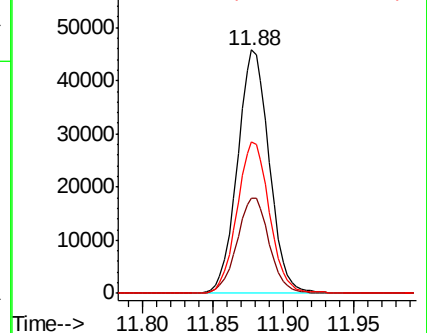
148 63.3 31.6 94.8



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: 21.612 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. 0.00 min

Lab File: VU029113.D

Acq: 10 Jan 2019 13:03

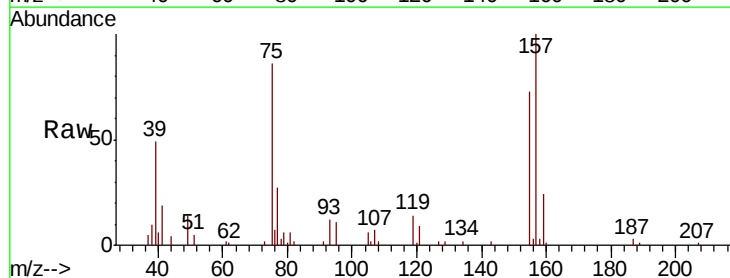
Tgt Ion: 75 Resp: 12876

Ion Ratio Lower Upper

75 100

155 90.1 46.3 138.8

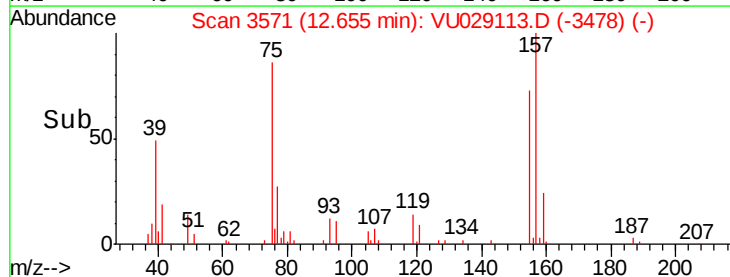
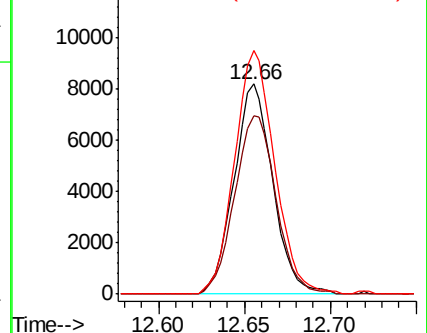
157 119.3 57.4 172.0

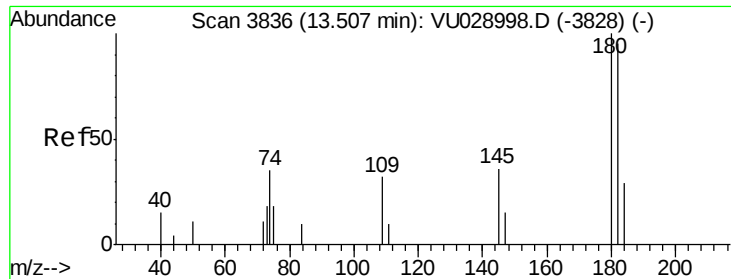


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

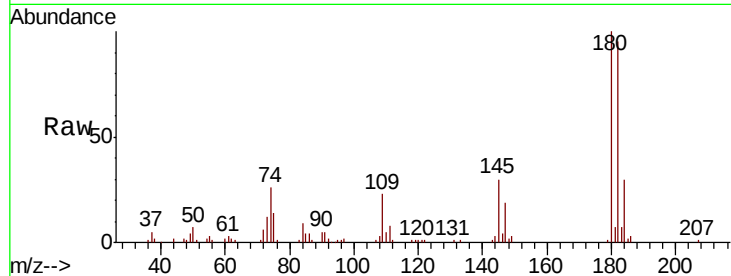




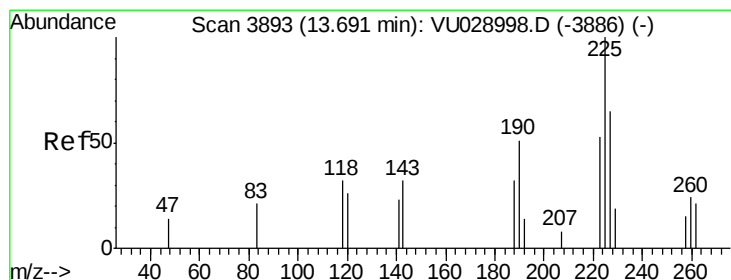
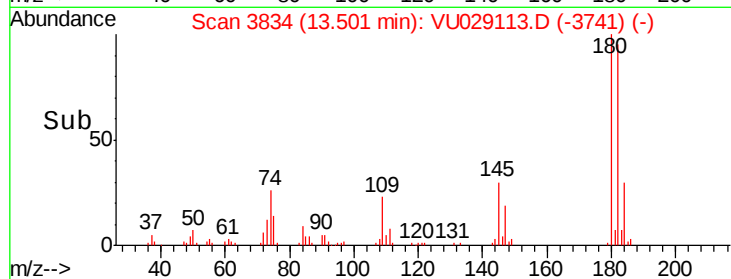
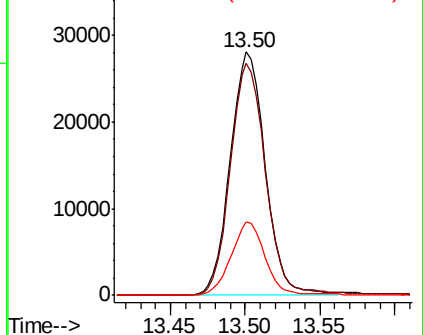
#93
 1,2,4-Trichlorobenzene
 Concen: 19.324 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110WBS01

Tgt Ion:180 Resp: 45901
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.5 142.6
 145 28.8 14.0 42.0

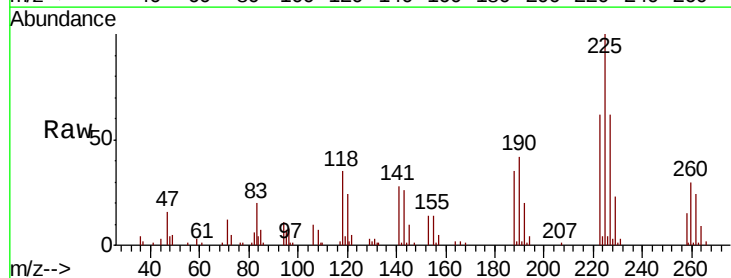


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

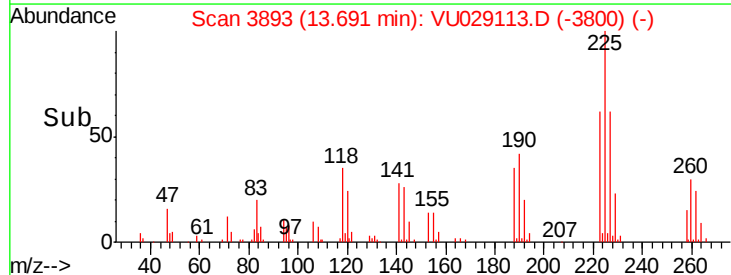
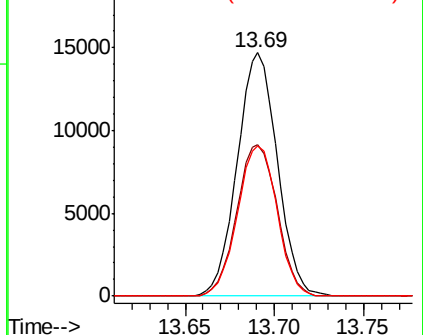


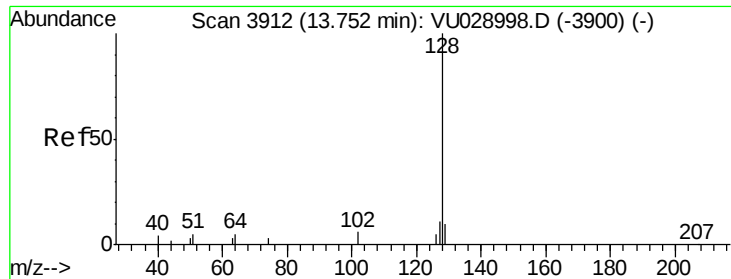
#94
 Hexachlorobutadiene
 Concen: 21.175 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU029113.D
 Acq: 10 Jan 2019 13:03

Tgt Ion:225 Resp: 23006
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 60.9 31.9 95.5



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

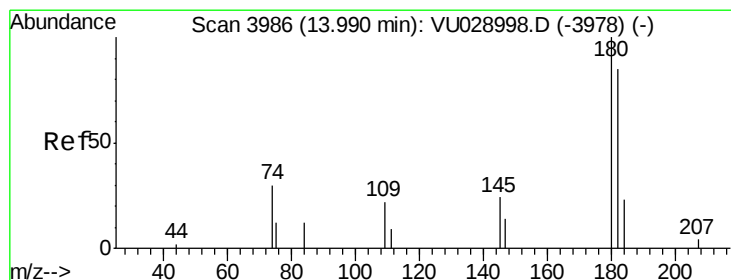
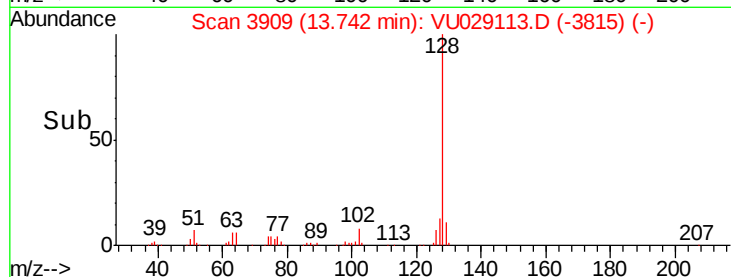
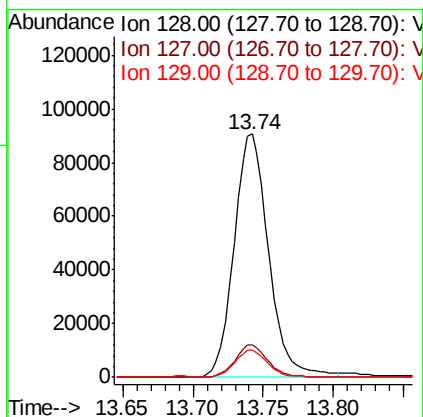
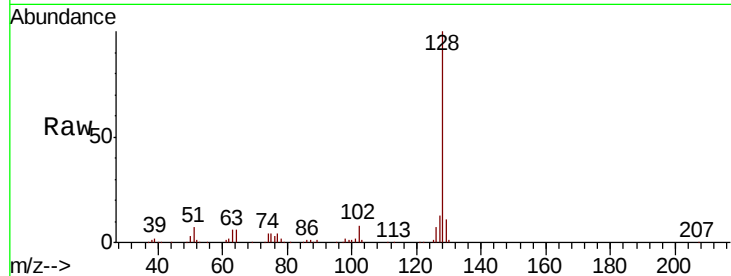




#95
Naphthalene
Concen: 19.314 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
VU0110WBS01

Tgt Ion:128 Resp: 156072
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.322 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029113.D
Acq: 10 Jan 2019 13:03

Tgt Ion:180 Resp: 48551
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.3
145 30.3 14.8 44.4

