

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028088.D
 Acq On : 13 Nov 2018 13:41
 Operator : MD/SY
 Sample : VU1113WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 06:57:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	239318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	409537	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	381825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	192060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	175775	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	4.88	113	133804	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	7.57	98	536509	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	10.31	95	201164	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	43533	14.316	ug/l	96
3) Chloromethane	1.33	50	64190	17.454	ug/l	99
4) Vinyl Chloride	1.40	62	66303	18.164	ug/l	98
5) Bromomethane	1.61	94	30575	22.702	ug/l	98
6) Chloroethane	1.69	64	41207	19.589	ug/l	99
7) Trichlorofluoromethane	1.88	101	79357	18.814	ug/l	98
8) Diethyl Ether	2.11	74	39446	21.841	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	50883	20.307	ug/l	99
10) Methyl Iodide	2.41	142	37943	21.689	ug/l	96
11) Tert butyl alcohol	2.83	59	89604	95.127	ug/l	99
12) 1,1-Dichloroethene	2.28	96	47888	19.093	ug/l	94
13) Acrolein	2.20	56	21277	56.140	ug/l	97
14) Allyl chloride	2.59	41	102954	16.795	ug/l	97
15) Acrylonitrile	2.94	53	215066	92.950	ug/l	99
16) Acetone	2.32	43	190919	86.484	ug/l	99
17) Carbon Disulfide	2.48	76	139269	16.988	ug/l	99
18) Methyl Acetate	2.62	43	111305	18.329	ug/l	93
19) Methyl tert-butyl Ether	3.00	73	196831	19.460	ug/l	100
20) Methylene Chloride	2.70	84	61023	18.933	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	53640	18.531	ug/l	97
22) Diisopropyl ether	3.58	45	228974	18.092	ug/l	98
23) Vinyl Acetate	3.53	43	973652	89.517	ug/l	98
24) 1,1-Dichloroethane	3.45	63	115063	18.253	ug/l	98
25) 2-Butanone	4.26	43	309610	88.157	ug/l	97
26) 2,2-Dichloropropane	4.23	77	88992	18.812	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	64939	20.006	ug/l	97
28) Bromochloromethane	4.55	49	57944	19.607	ug/l	92
29) Tetrahydrofuran	4.64	42	200799	85.625	ug/l	95
30) Chloroform	4.67	83	105912	18.324	ug/l	97
31) Cyclohexane	5.00	56	113775	17.287	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	88443	19.222	ug/l	98
36) 1,1-Dichloropropene	5.14	75	80291	18.719	ug/l	99
37) Ethyl Acetate	4.39	43	110026	17.507	ug/l	98
38) Carbon Tetrachloride	5.14	117	71038	18.689	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111318\
 Data File : VU028088.D
 Acq On : 13 Nov 2018 13:41
 Operator : MD/SY
 Sample : VU1113WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 06:57:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	98608	19.061	ug/l	97
40) Benzene	5.39	78	256048	19.525	ug/l	100
41) Methacrylonitrile	4.55	41	62387	18.601	ug/l	96
42) 1,2-Dichloroethane	5.41	62	86815	18.624	ug/l	98
43) Isopropyl Acetate	5.55	43	178626	18.142	ug/l	98
44) Trichloroethene	6.19	130	58586	20.784	ug/l	92
45) 1,2-Dichloropropane	6.43	63	72301	19.117	ug/l	99
46) Dibromomethane	6.56	93	42269	19.444	ug/l	96
47) Bromodichloromethane	6.76	83	82525	19.699	ug/l	97
48) Methyl methacrylate	6.62	41	89431	18.535	ug/l	96
49) 1,4-Dioxane	6.61	88	35396	449.638	ug/l	91
51) 4-Methyl-2-Pentanone	7.46	43	592709	90.137	ug/l	98
52) Toluene	7.64	92	153506	19.911	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	94516	18.904	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	105868	20.499	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	63045	20.100	ug/l	97
56) Ethyl methacrylate	8.02	69	107997	19.525	ug/l	97
57) 1,3-Dichloropropane	8.24	76	111773	19.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	291720	98.473	ug/l	98
59) 2-Hexanone	8.36	43	462404	90.921	ug/l	96
60) Dibromochloromethane	8.48	129	58977	19.871	ug/l	99
61) 1,2-Dibromoethane	8.59	107	67124	20.140	ug/l	96
64) Tetrachloroethene	8.23	164	50729	20.489	ug/l	96
65) Chlorobenzene	9.12	112	162685	20.167	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	55584	20.173	ug/l	98
67) Ethyl Benzene	9.25	91	299520	20.172	ug/l	100
68) m/p-Xylenes	9.38	106	223885	41.555	ug/l	98
69) o-Xylene	9.78	106	108686	19.978	ug/l	100
70) Styrene	9.79	104	178577	20.543	ug/l	98
71) Bromoform	9.96	173	45834	19.848	ug/l #	100
73) Isopropylbenzene	10.17	105	293521	19.728	ug/l	99
74) N-amyl acetate	10.01	43	167504	18.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	113060	18.838	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	131134	24.962	ug/l	83
77) Bromobenzene	10.45	156	70695	20.721	ug/l	95
78) n-propylbenzene	10.59	91	354258	19.891	ug/l	99
79) 2-Chlorotoluene	10.66	91	206939	19.385	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	239163	19.404	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.49	75	131134	62.259	ug/l #	100
82) 4-Chlorotoluene	10.77	91	237298	19.580	ug/l	99
83) tert-Butylbenzene	11.10	119	231772	18.810	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	248540	20.026	ug/l	100
85) sec-Butylbenzene	11.32	105	303017	20.221	ug/l	100
86) p-Isopropyltoluene	11.48	119	253866	20.265	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	127385	20.212	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	126548	19.590	ug/l	98
89) n-Butylbenzene	11.89	91	245660	20.634	ug/l	99
90) Hexachloroethane	12.14	117	40436	18.130	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	128513	20.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23600	18.662	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
Data File : VU028088.D
Acq On : 13 Nov 2018 13:41
Operator : MD/SY
Sample : VU1113WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 14 06:57:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

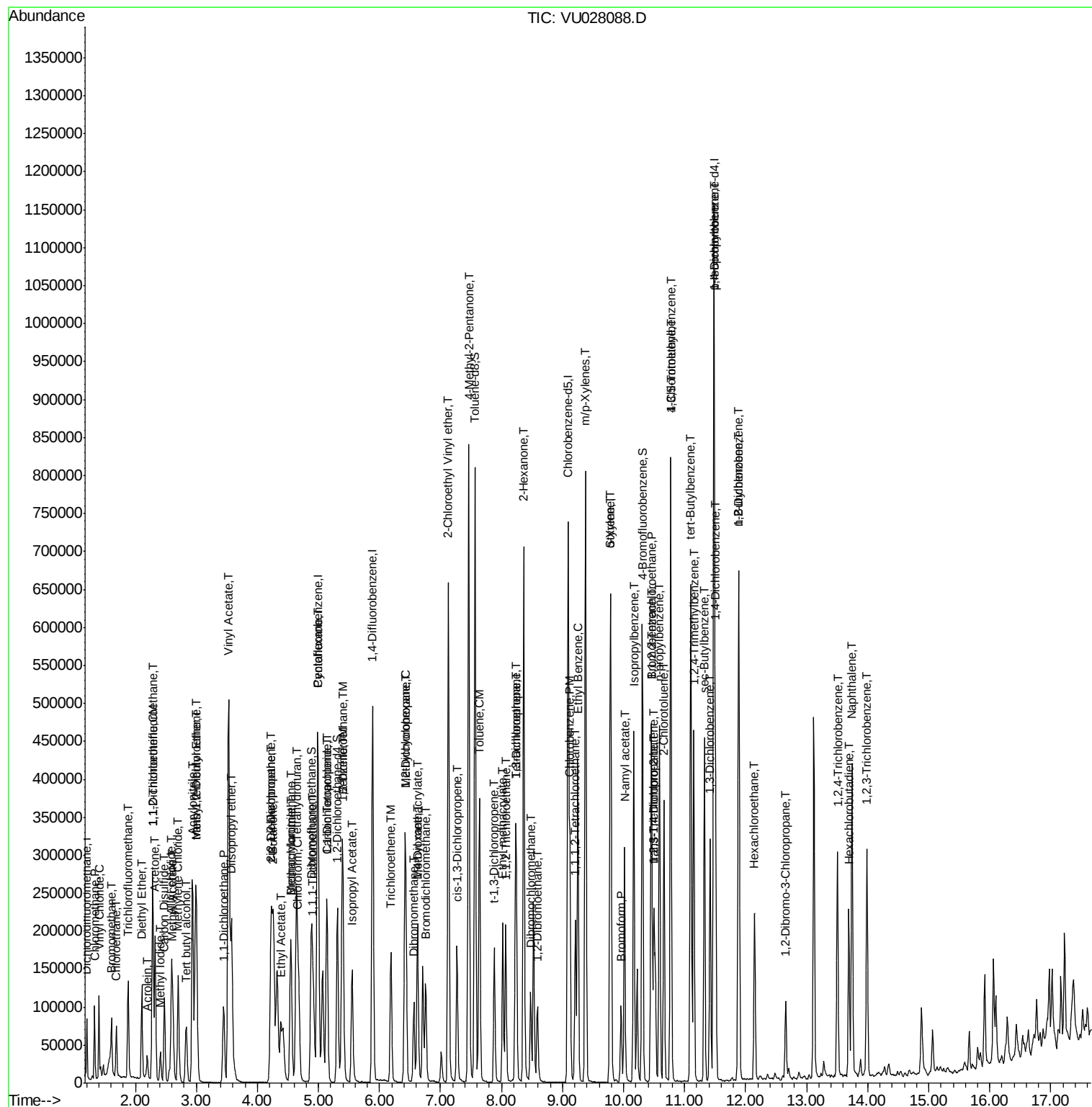
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	90568	20.781	ug/l	97
94) Hexachlorobutadiene	13.69	225	40989	20.349	ug/l	98
95) Naphthalene	13.74	128	314005	19.822	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	91343	21.478	ug/l	100

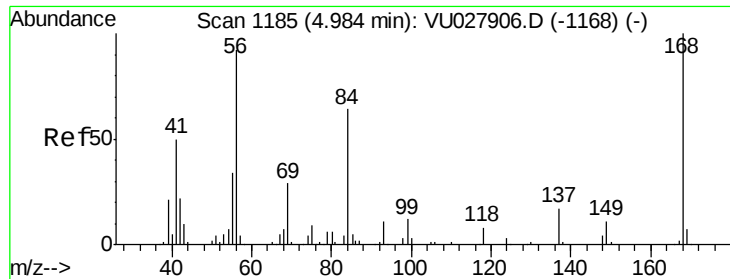
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028088.D
 Acq On : 13 Nov 2018 13:41
 Operator : MD/SY
 Sample : VU1113WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 06:57:17 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

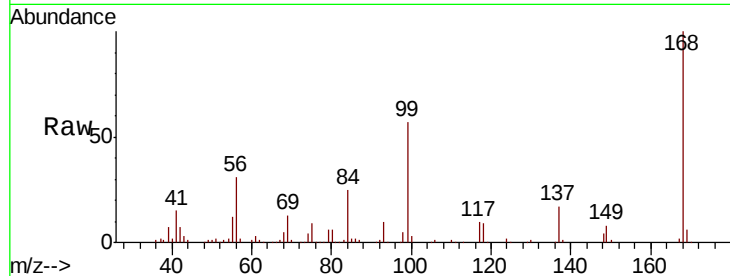
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 239318

Ion Ratio Lower Upper

168 100

99 56.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.98

120000

100000

80000

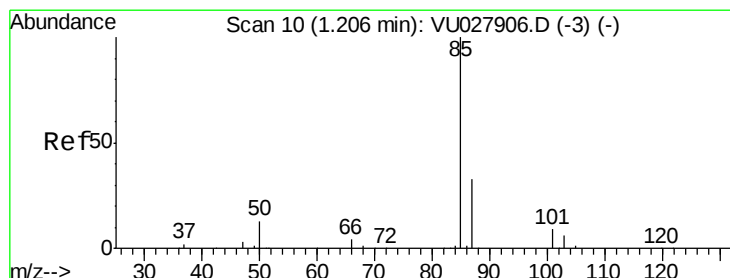
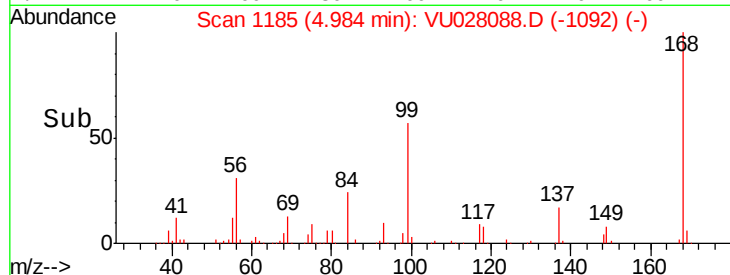
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 14.316 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028088.D

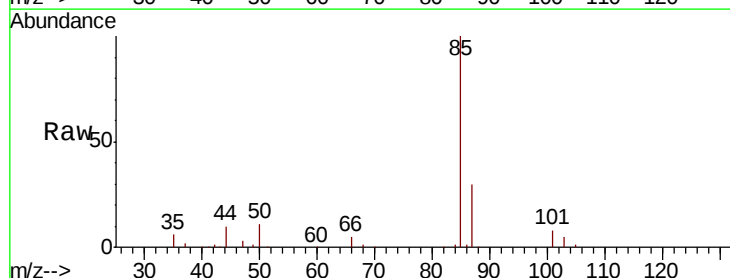
Acq: 13 Nov 2018 13:41

Tgt Ion: 85 Resp: 43533

Ion Ratio Lower Upper

85 100

87 30.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027906.D (-3) (-)

1.21

50000

40000

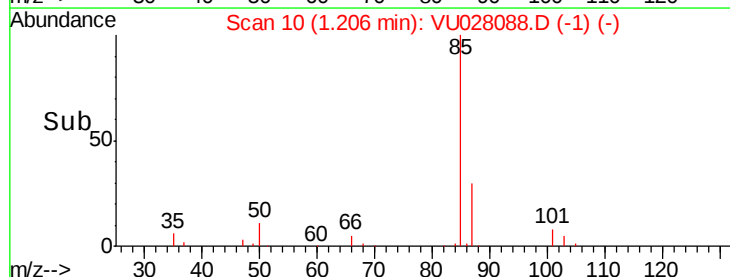
30000

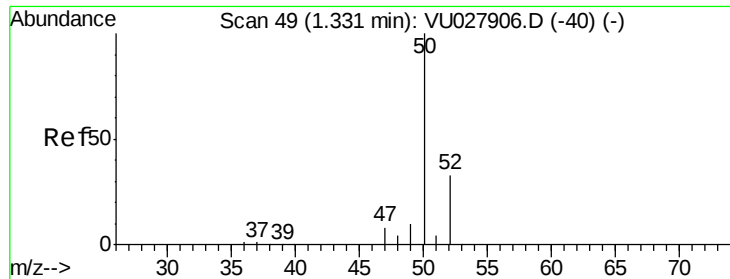
20000

10000

0

Time-->

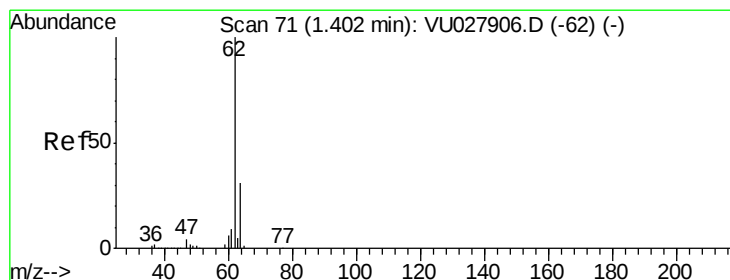
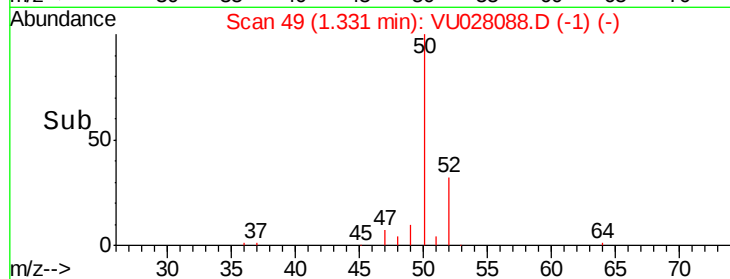
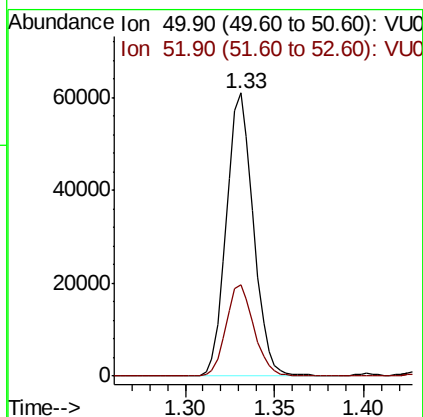
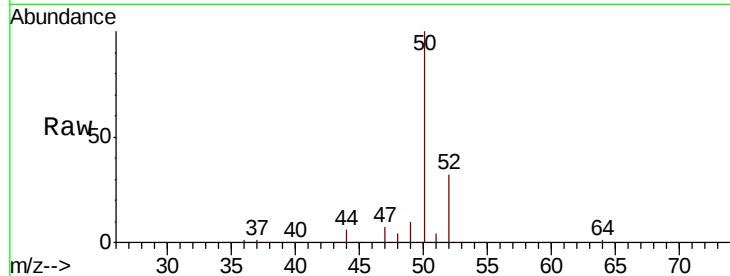




#3
Chloromethane
Concen: 17.454 ug/l
RT: 1.33 min Scan# 49
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

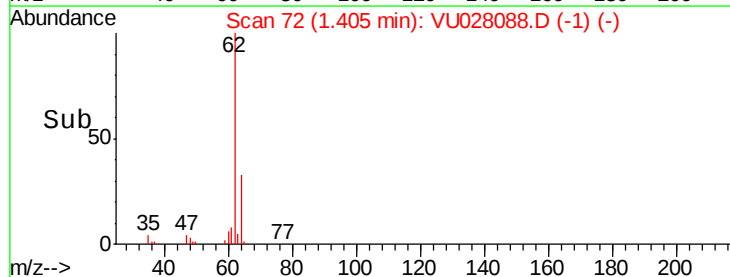
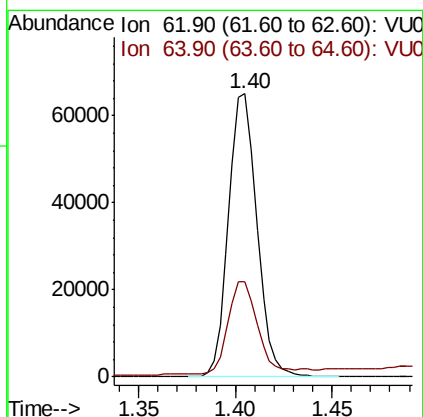
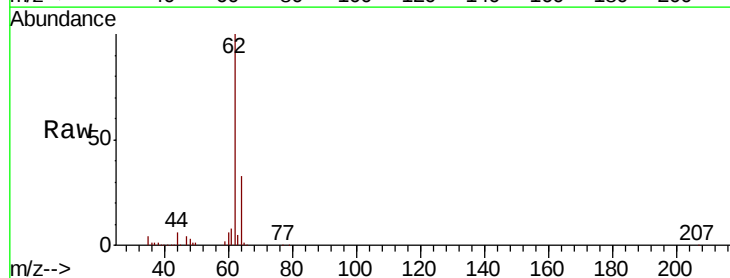
Instrument :
MSVOA_U
ClientSampleId :

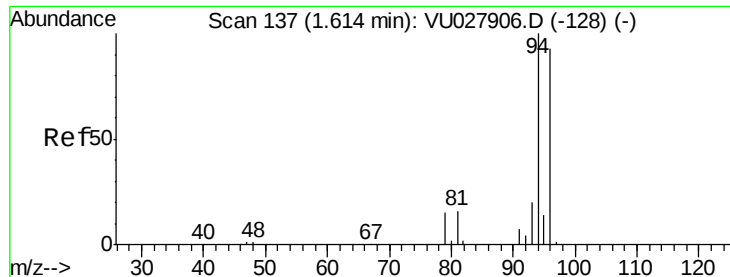
Tot Ion: 50 Resp: 64190
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.4



#4
Vinyl Chloride
Concen: 18.164 ug/l
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 62 Resp: 66303
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





#5

Bromomethane

Concen: 22.702 ug/l

RT: 1.61 min Scan# 136

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

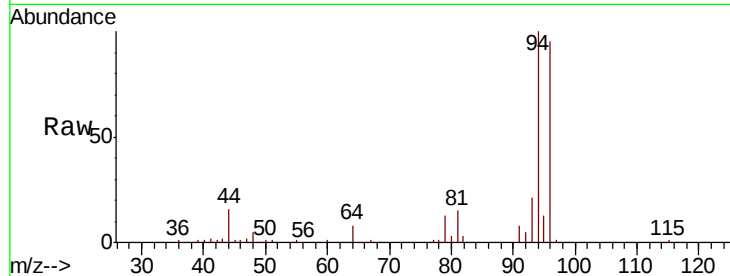
ClientSampleId :

Tot Ion: 94 Resp: 30575

Ion Ratio Lower Upper

94 100

96 95.9 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.61

25000

20000

15000

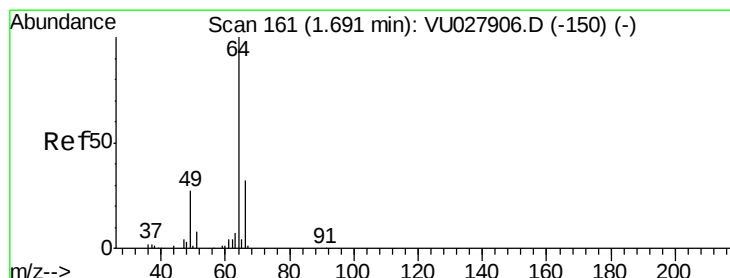
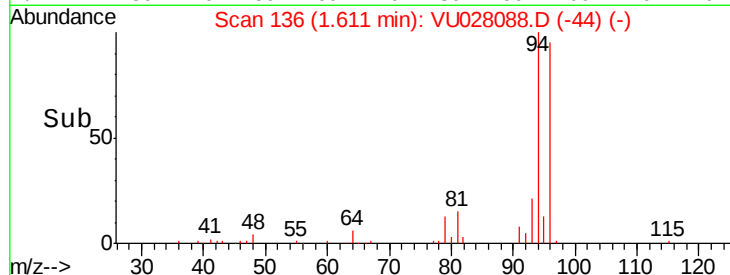
10000

5000

0

Time-->

1.55 1.60 1.65



#6

Chloroethane

Concen: 19.589 ug/l

RT: 1.69 min Scan# 160

Delta R.T. -0.00 min

Lab File: VU028088.D

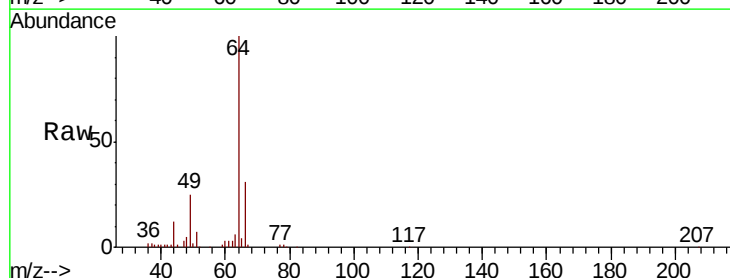
Acq: 13 Nov 2018 13:41

Tgt Ion: 64 Resp: 41207

Ion Ratio Lower Upper

64 100

66 31.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

40000

30000

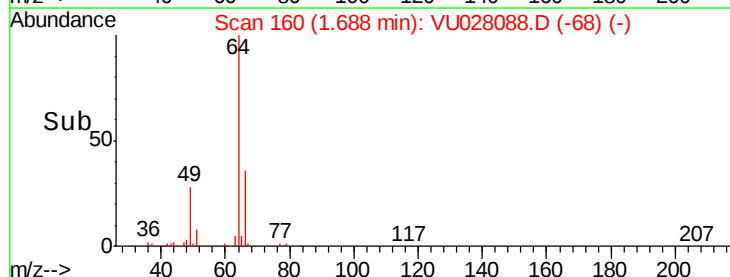
20000

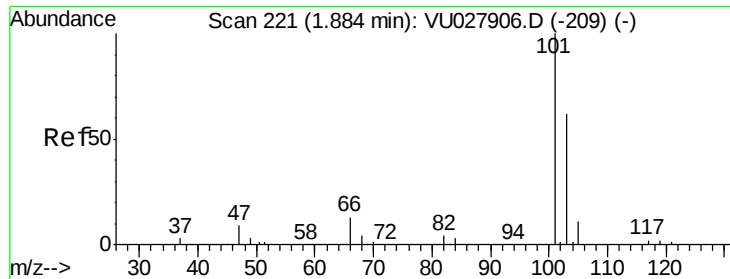
10000

0

Time-->

1.65 1.70 1.75



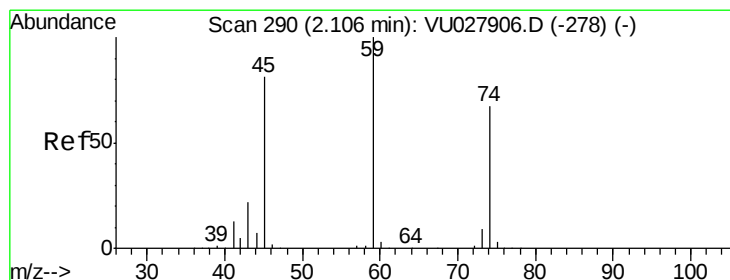
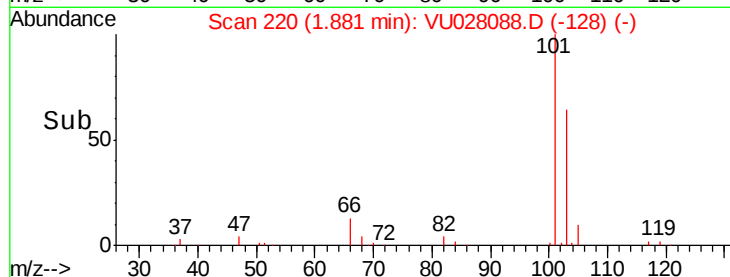
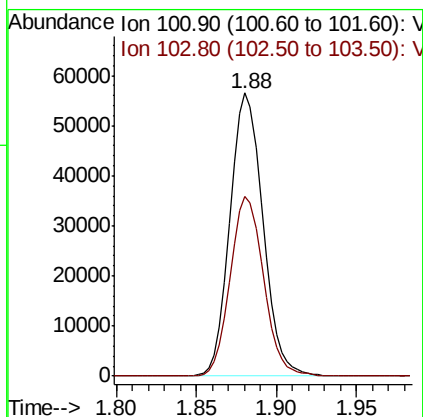
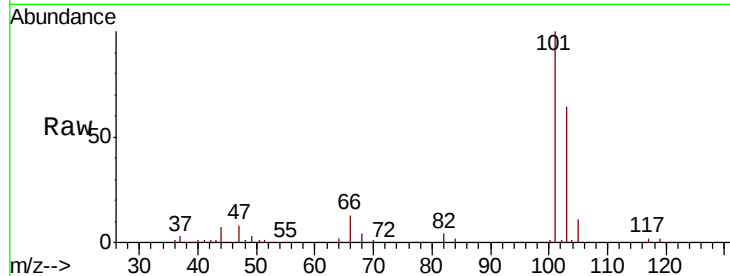


#7

Trichlorofluoromethane
Concen: 18.814 ug/l
RT: 1.88 min Scan# 220
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampleId :

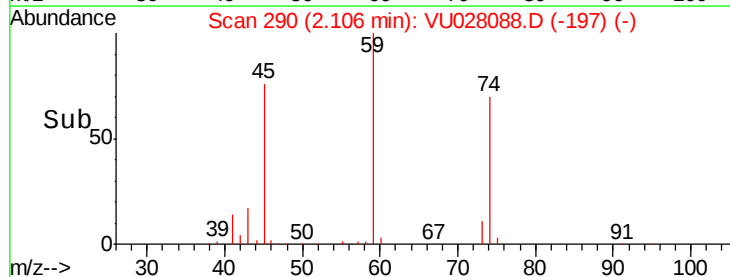
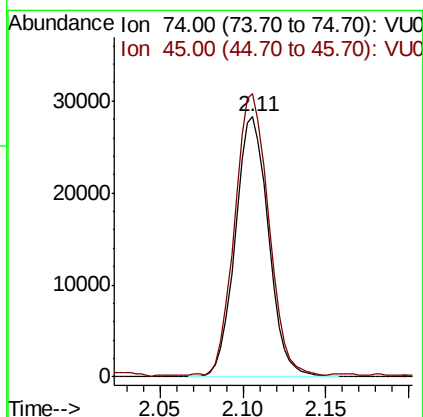
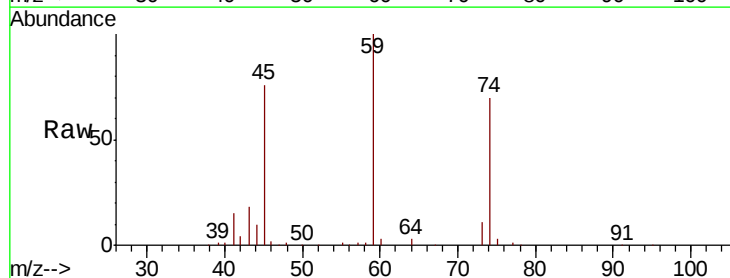
Tot Ion:101 Resp: 79357
Ion Ratio Lower Upper
101 100
103 63.6 49.4 74.2

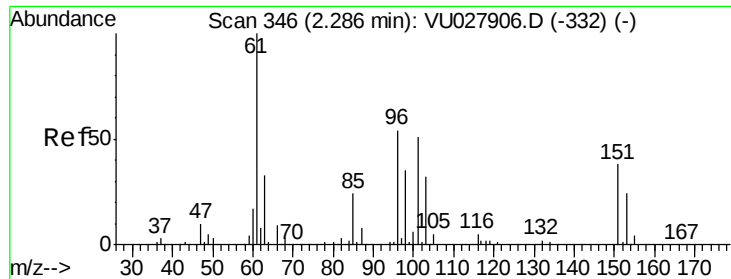


#8

Diethyl Ether
Concen: 21.841 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 74 Resp: 39446
Ion Ratio Lower Upper
74 100
45 109.9 60.5 181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.307 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampleId :

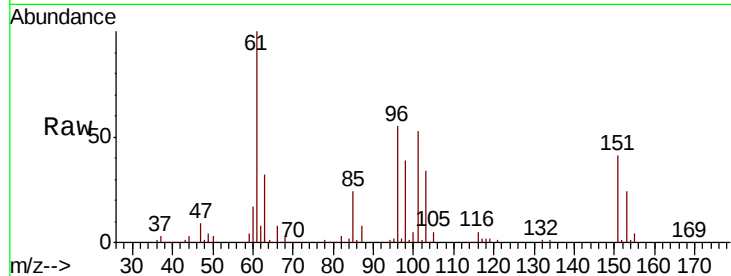
Tot Ion:101 Resp: 50883

Ion Ratio Lower Upper

101 100

85 43.9 36.9 55.3

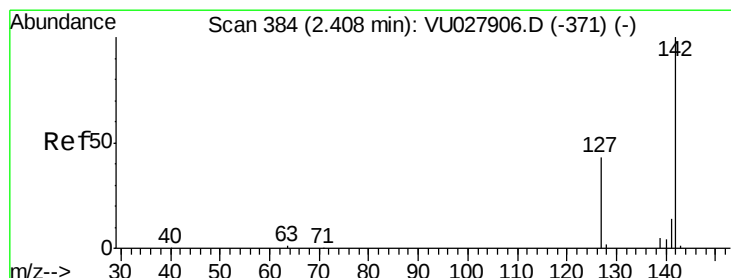
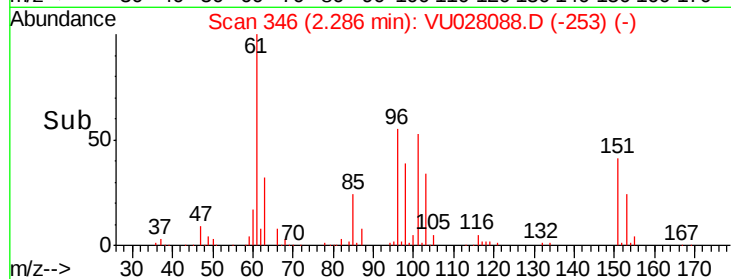
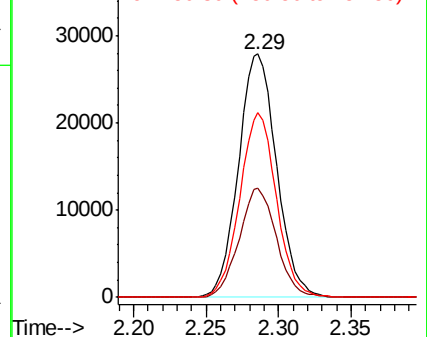
151 72.8 58.0 87.0



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: 21.689 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

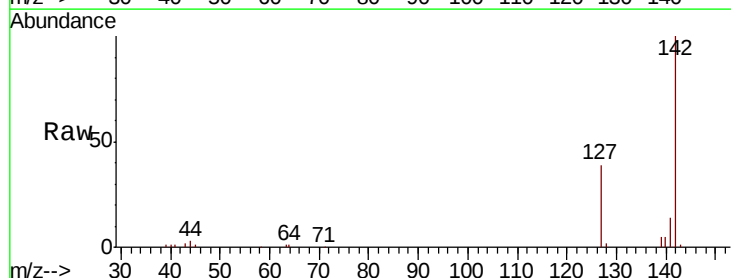
Tgt Ion:142 Resp: 37943

Ion Ratio Lower Upper

142 100

127 41.0 35.2 52.8

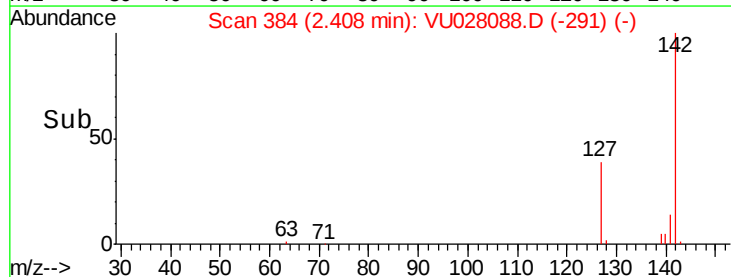
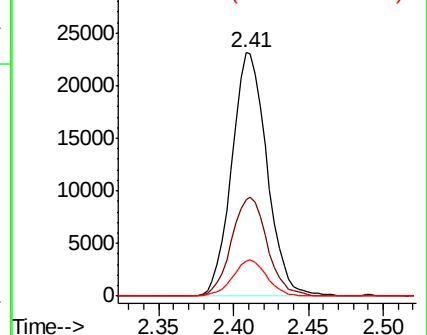
141 14.4 11.8 17.8

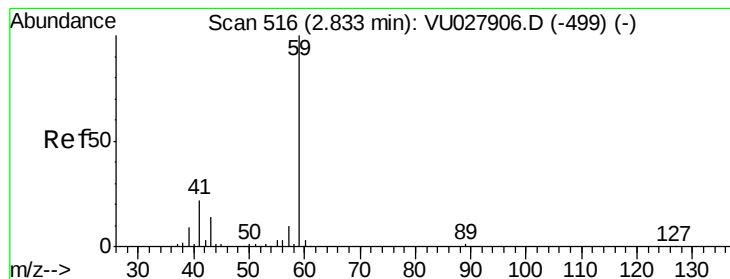


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



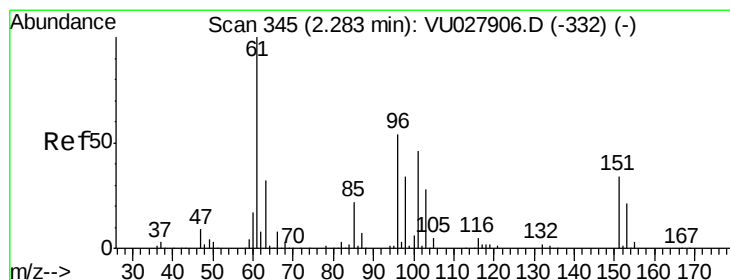
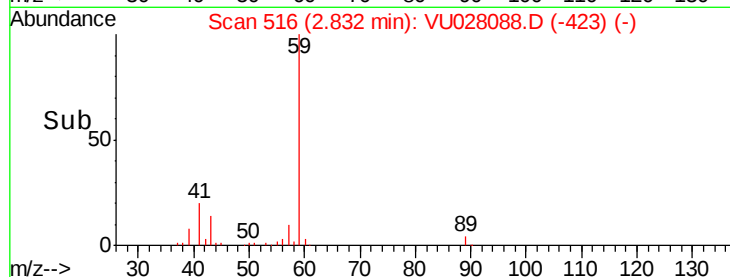
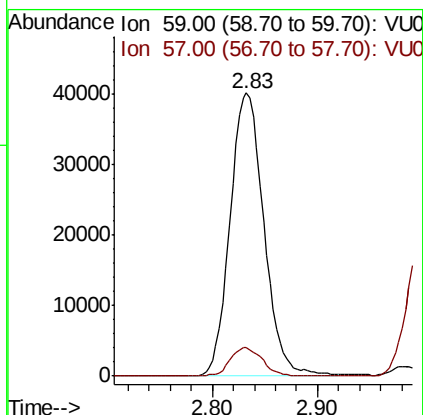
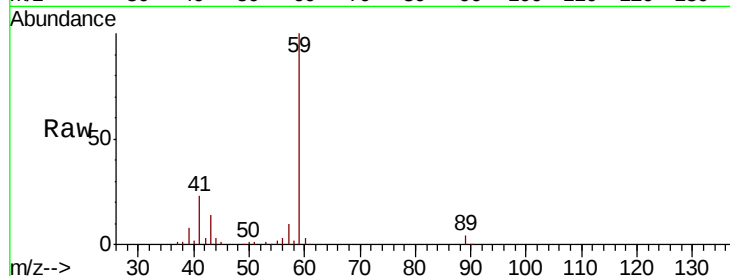


#11

Tert butyl alcohol
 Concen: 95.127 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

Instrument :
 MSVOA_U
 ClientSampled :

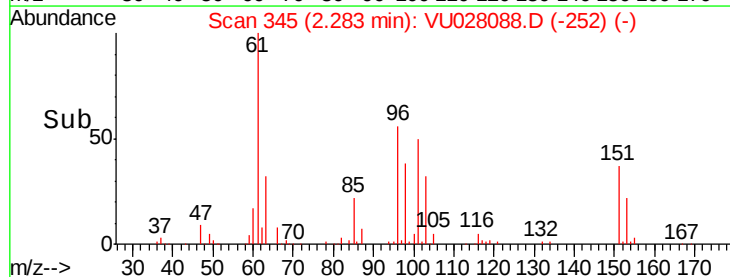
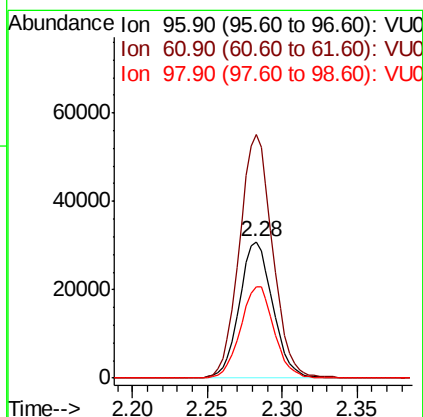
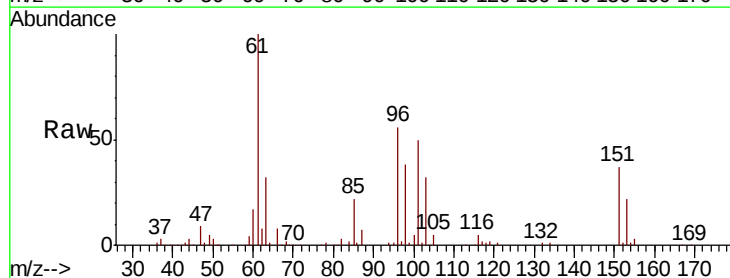
Tot Ion: 59 Resp: 89604
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.8 11.8

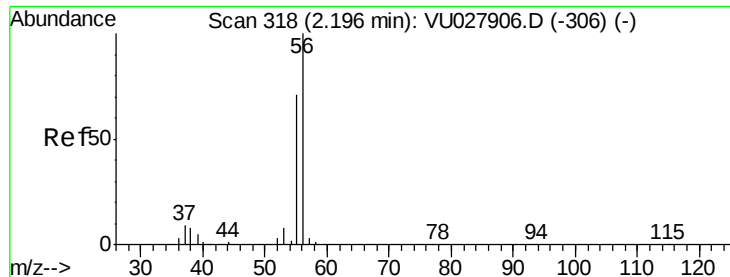


#12

1,1-Dichloroethene
 Concen: 19.093 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

Tgt Ion: 96 Resp: 47888
 Ion Ratio Lower Upper
 96 100
 61 178.5 149.3 223.9
 98 67.4 50.6 75.8

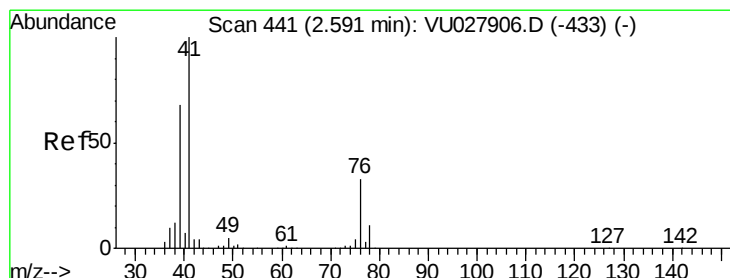
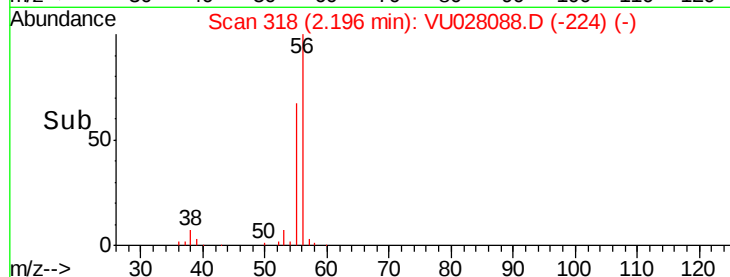
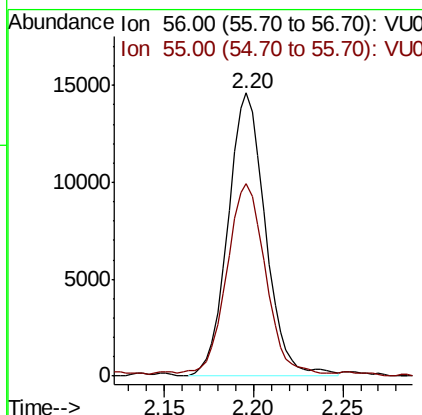
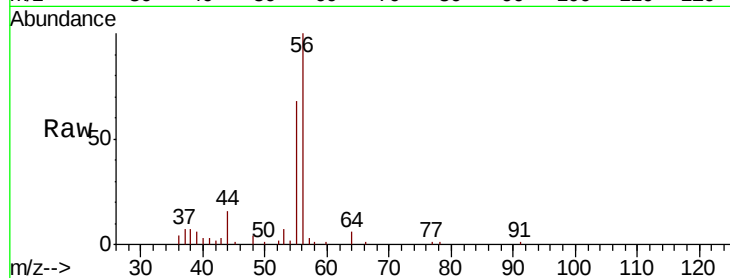




#13
Acrolein
Concen: 56.140 ug/l
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

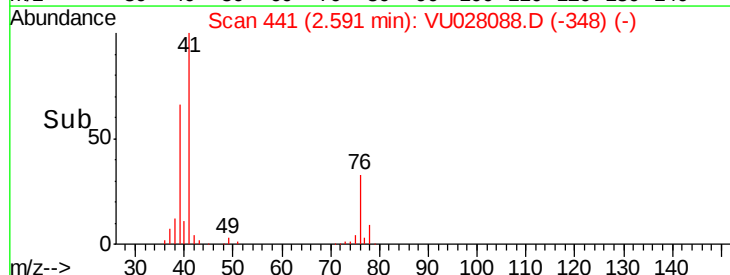
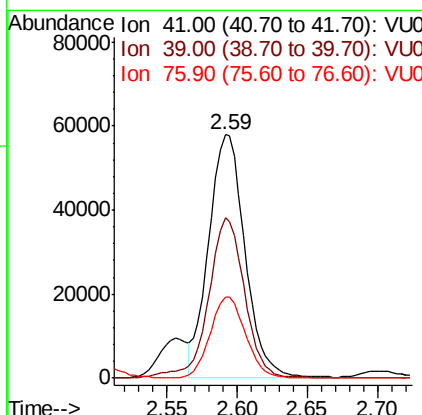
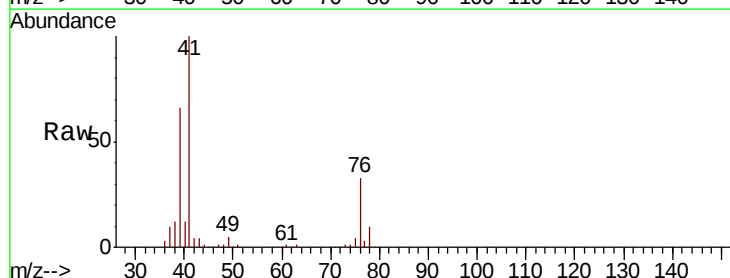
Instrument :
MSVOA_U
ClientSampleId :

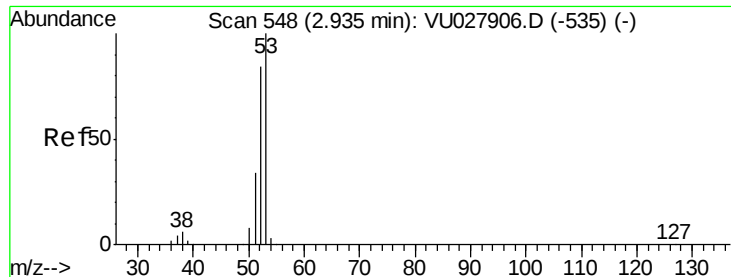
Tot Ion: 56 Resp: 21277
Ion Ratio Lower Upper
56 100
55 68.1 56.2 84.4



#14
Allyl chloride
Concen: 16.795 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 41 Resp: 102954
Ion Ratio Lower Upper
41 100
39 66.0 51.9 77.9
76 32.8 23.8 35.6





#15

Acrylonitrile

Concen: 92.950 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampled :

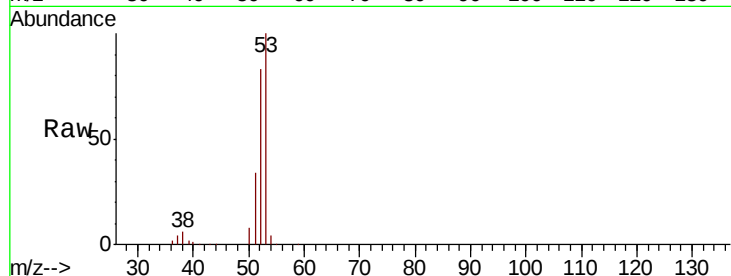
Tot Ion: 53 Resp: 215066

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

51 34.4 27.0 40.4



Abundance Ion 53.00 (52.70 to 53.70): VU028088.D (-265) (-)

Ion 52.00 (51.70 to 52.70): VU028088.D (-265) (-)

Ion 51.00 (50.70 to 51.70): VU028088.D (-265) (-)

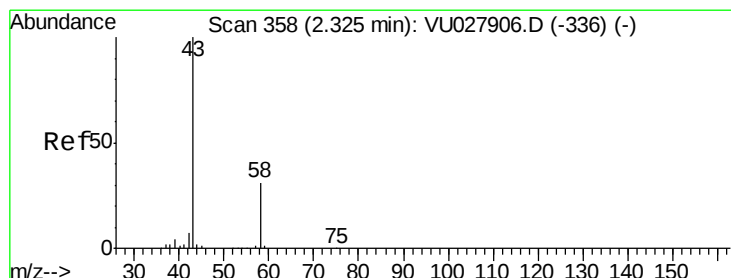
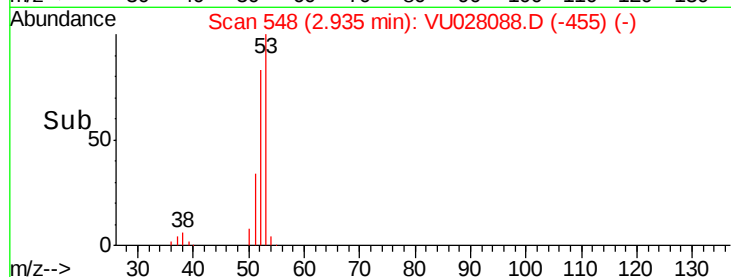
2.94

100000

50000

0

Time-->



#16

Acetone

Concen: 86.484 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028088.D

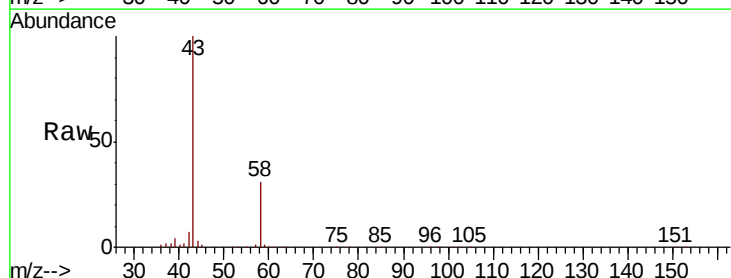
Acq: 13 Nov 2018 13:41

Tgt Ion: 43 Resp: 190919

Ion Ratio Lower Upper

43 100

58 31.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028088.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028088.D (-265) (-)

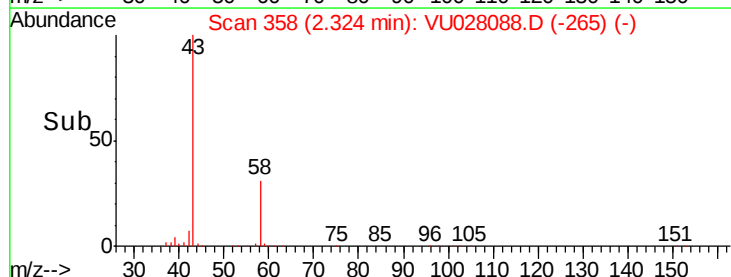
2.32

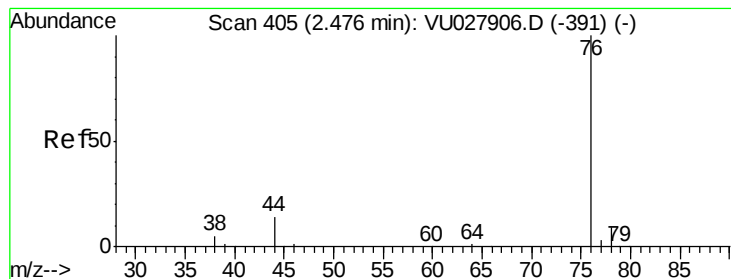
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 16.988 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

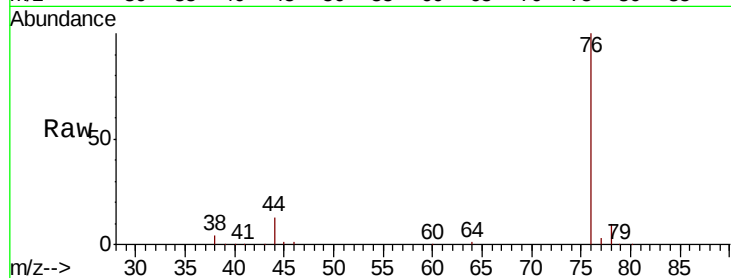
ClientSampleId :

Tot Ion: 76 Resp: 139269

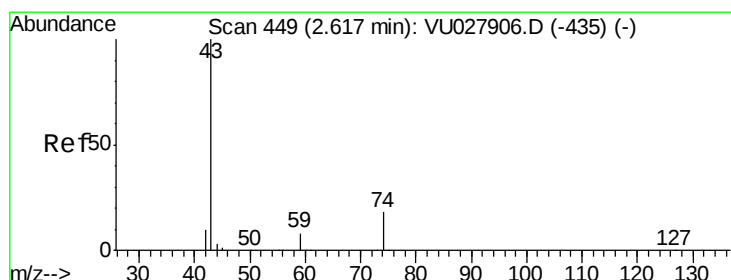
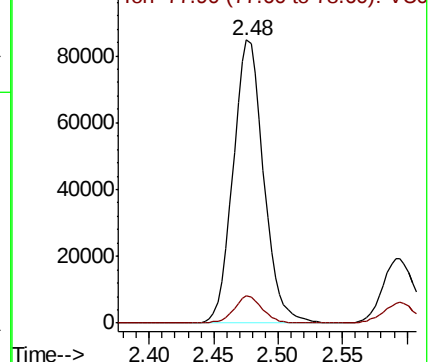
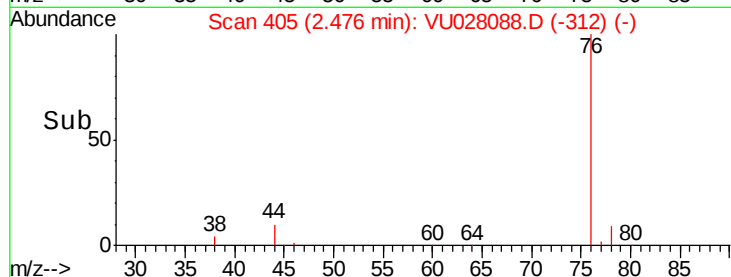
Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU028088.D (-312) (-)



#18

Methyl Acetate

Concen: 18.329 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU028088.D

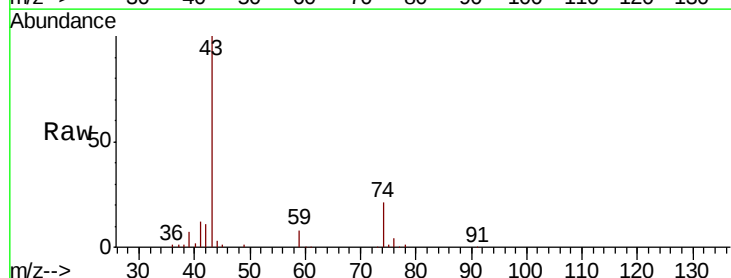
Acq: 13 Nov 2018 13:41

Tgt Ion: 43 Resp: 111305

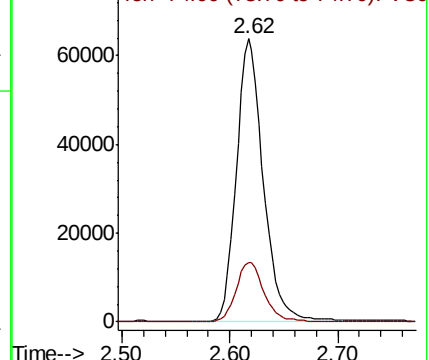
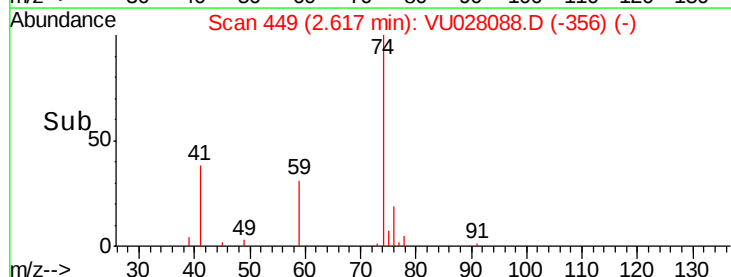
Ion Ratio Lower Upper

43 100

74 21.9 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU028088.D (-356) (-)

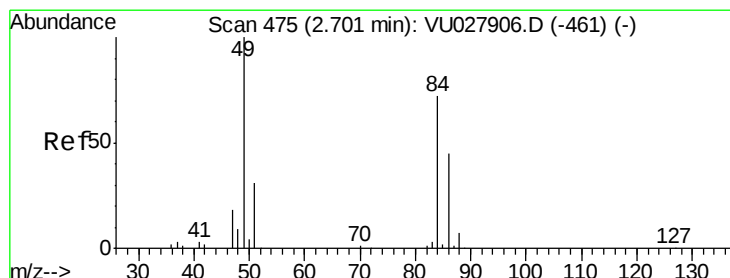
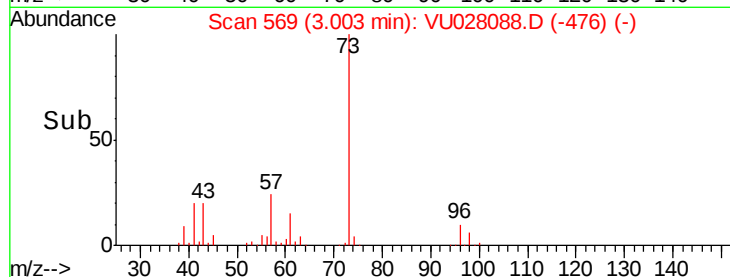
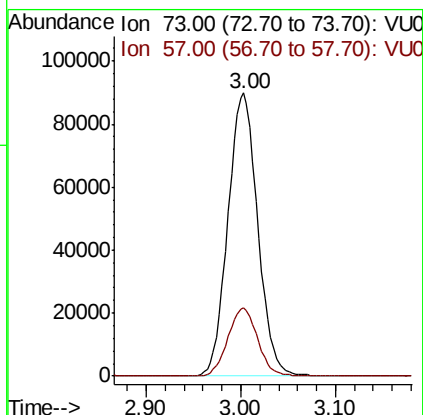
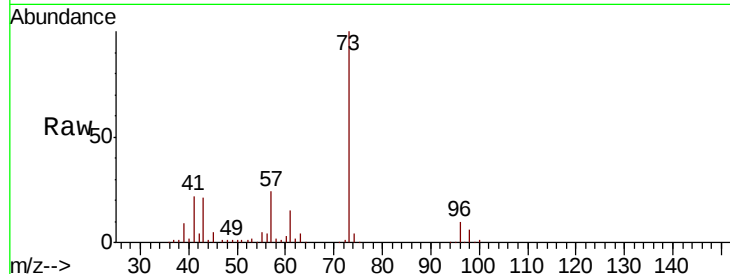




#19
Methvl tert-butvl Ether
Concen: 19.460 ug/l
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

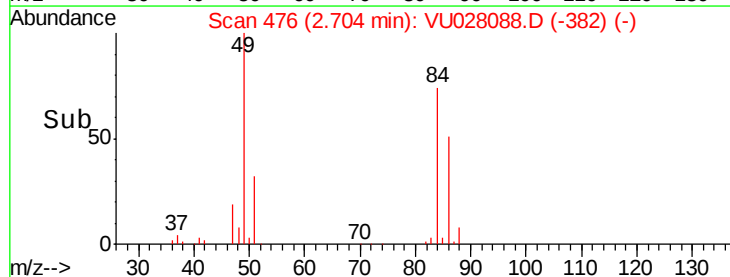
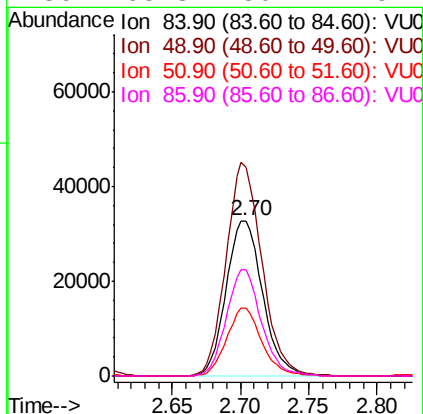
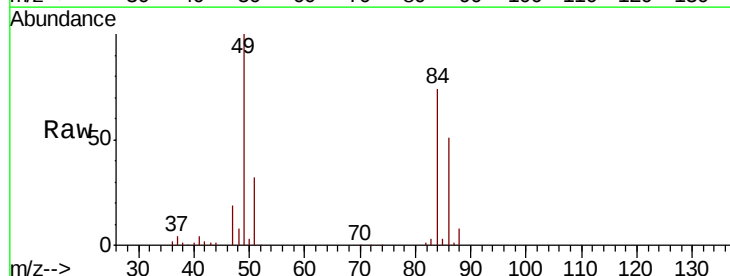
Instrument :
MSVOA_U
ClientSampleId :

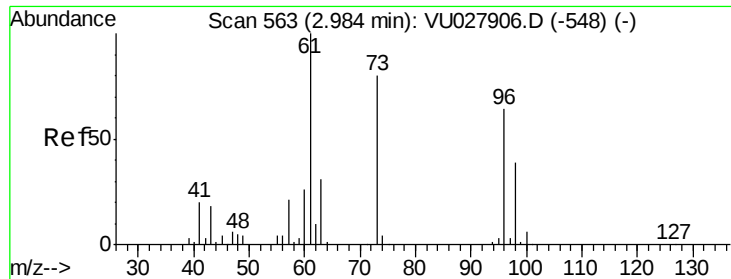
Tot Ion: 73 Resp: 196831
Ion Ratio Lower Upper
73 100
57 24.0 19.3 28.9



#20
Methylene Chloride
Concen: 18.933 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 84 Resp: 61023
Ion Ratio Lower Upper
84 100
49 134.9 111.6 167.4
51 43.5 34.8 52.2
86 68.3 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.531 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampled :

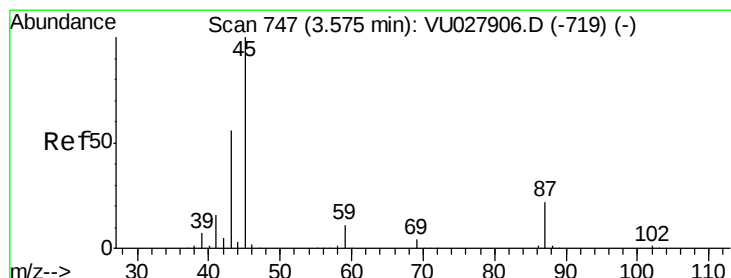
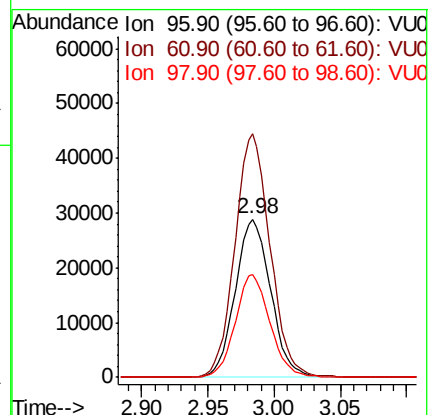
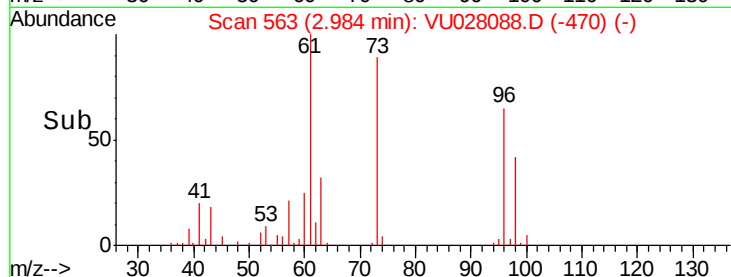
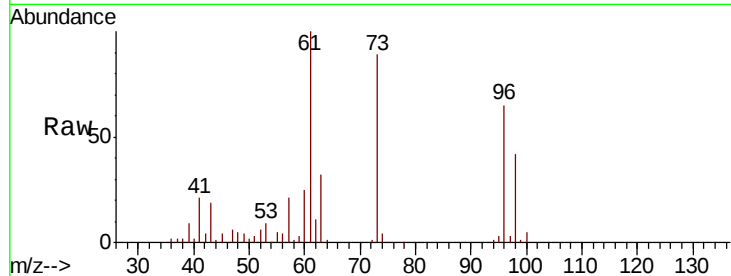
Tot Ion: 96 Resp: 53640

Ion Ratio Lower Upper

96 100

61 154.2 125.0 187.6

98 65.5 48.2 72.4



#22

Diisopropyl ether

Concen: 18.092 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Tgt Ion: 45 Resp: 228974

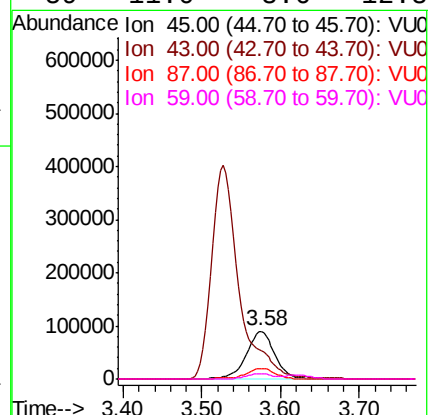
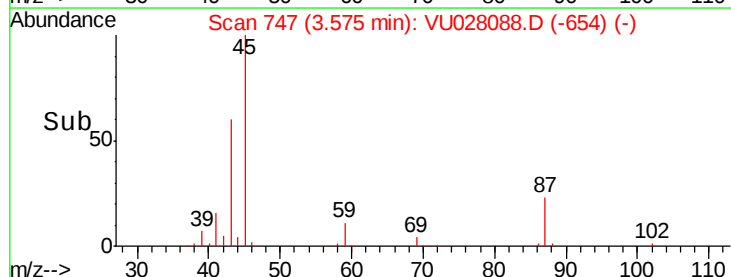
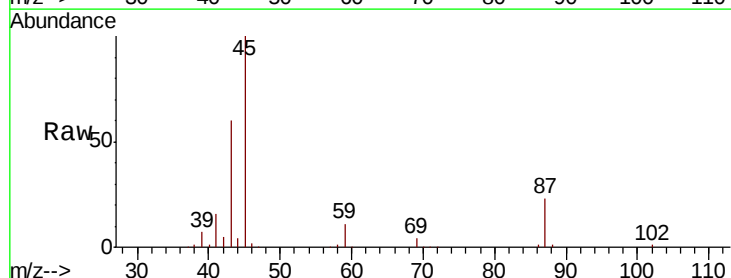
Ion Ratio Lower Upper

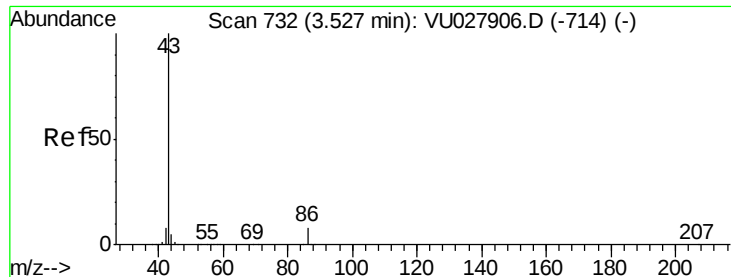
45 100

43 58.2 45.0 67.6

87 22.8 17.9 26.9

59 11.0 8.6 12.8





#23

Vinyl Acetate

Concen: 89.517 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

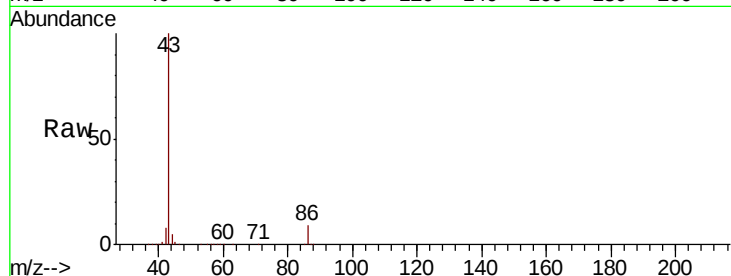
ClientSampleId :

Tot Ion: 43 Resp: 973652

Ion Ratio Lower Upper

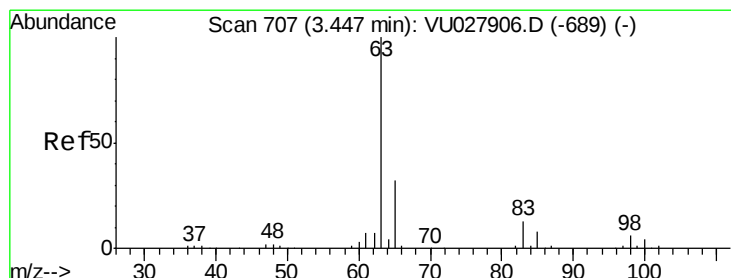
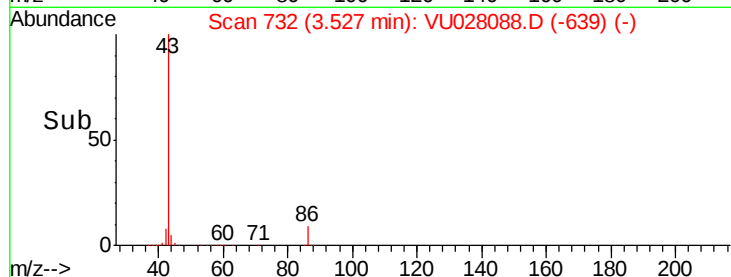
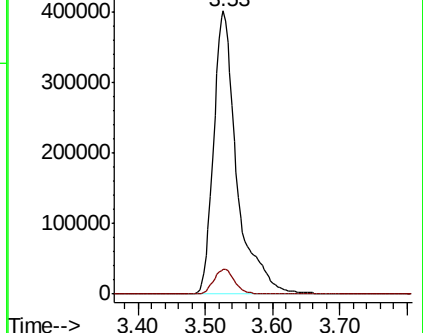
43 100

86 8.8 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU028088.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU028088.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 18.253 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

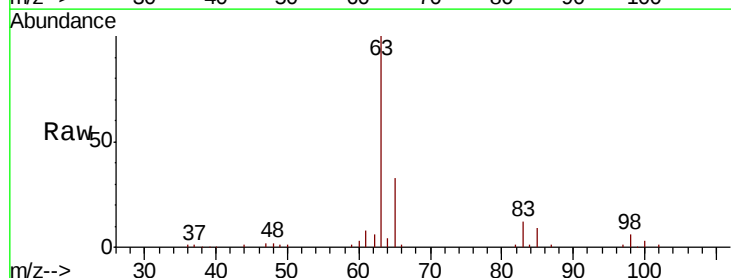
Tgt Ion: 63 Resp: 115063

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.6

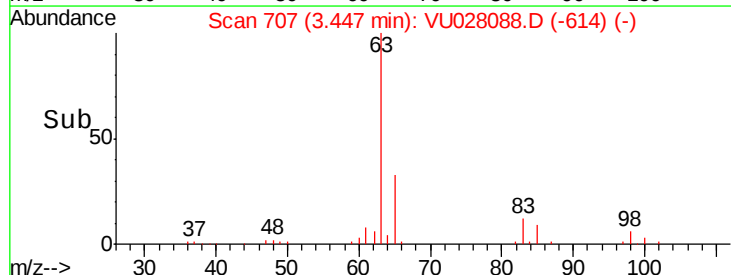
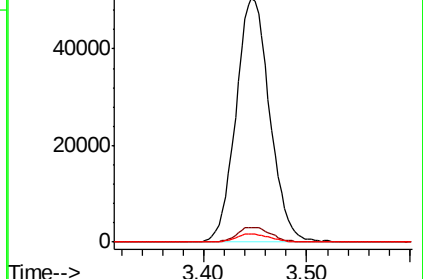
100 3.3 2.0 6.0

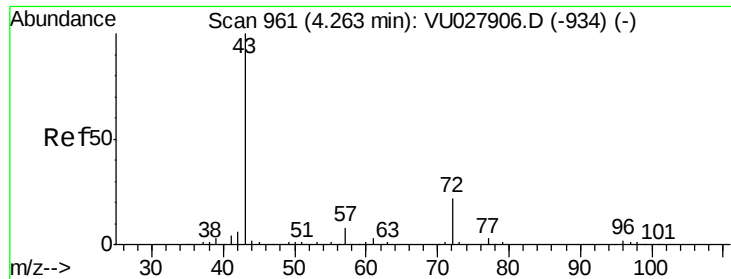


Abundance Ion 62.90 (62.60 to 63.60): VU028088.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU028088.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU028088.D (-614) (-)





#25

2-Butanone

Concen: 88.157 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

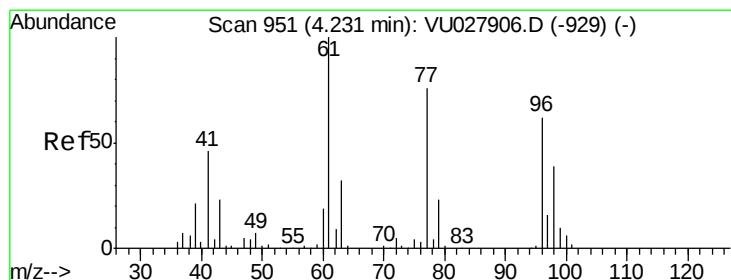
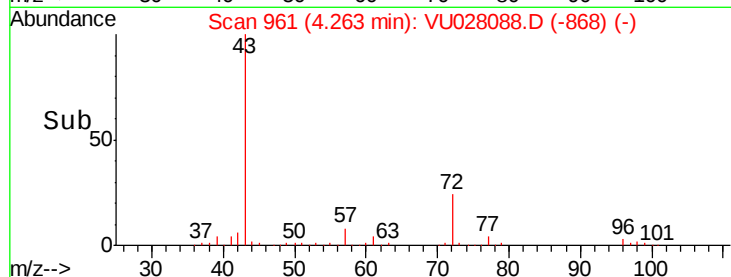
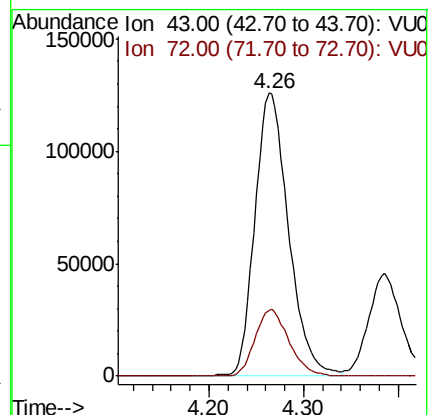
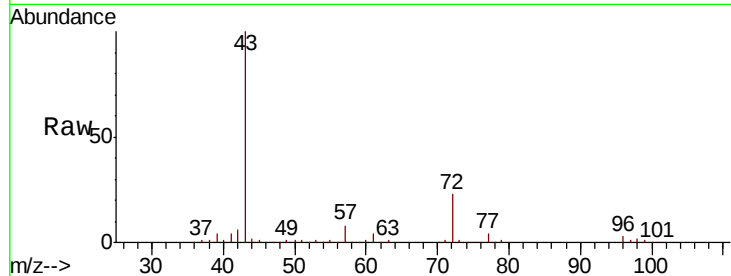
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 309610

Ion Ratio Lower Upper

43 100

72 23.5 17.7 26.5



#26

2,2-Dichloropropane

Concen: 18.812 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028088.D

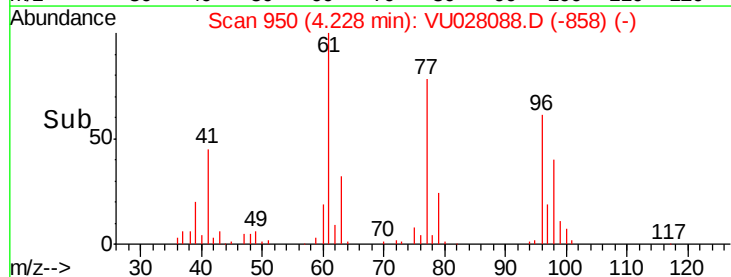
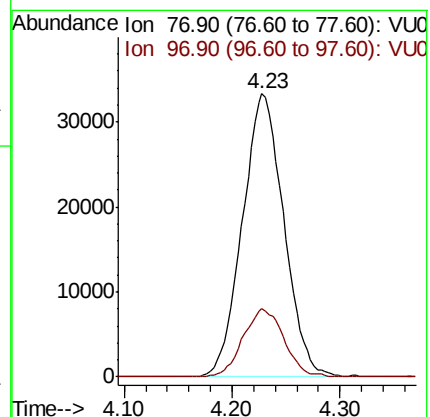
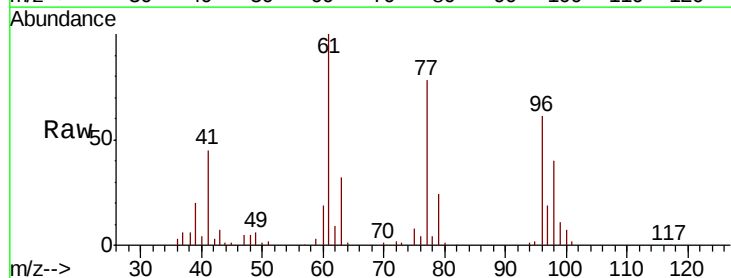
Acq: 13 Nov 2018 13:41

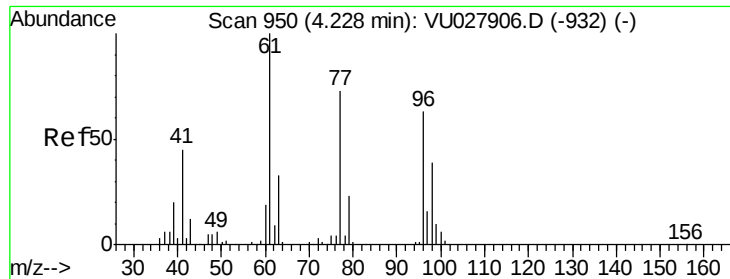
Tgt Ion: 77 Resp: 88992

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5



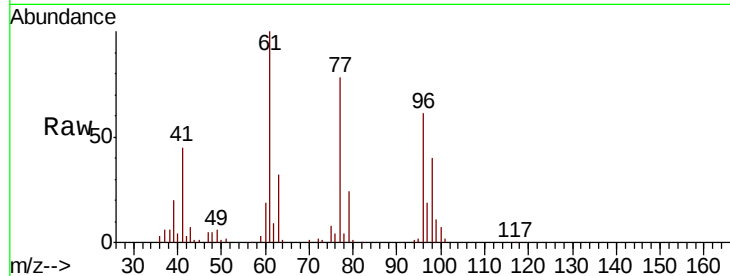


#27

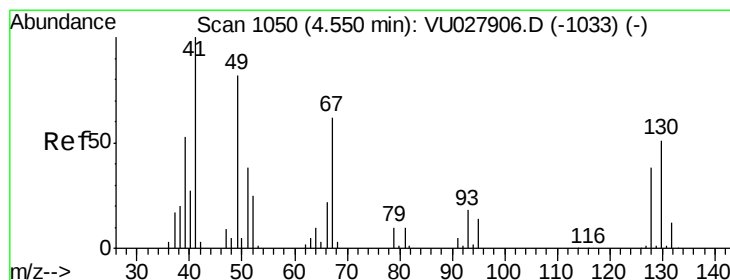
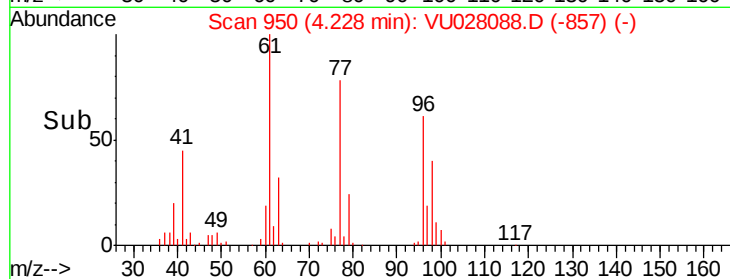
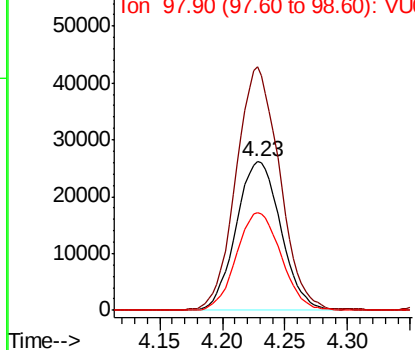
cis-1,2-Dichloroethene
Concen: 20.006 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 64939
Ion Ratio Lower Upper
96 100
61 160.0 0.0 329.6
98 65.8 0.0 127.2



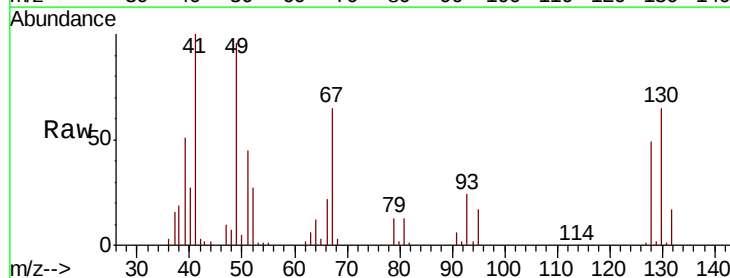
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



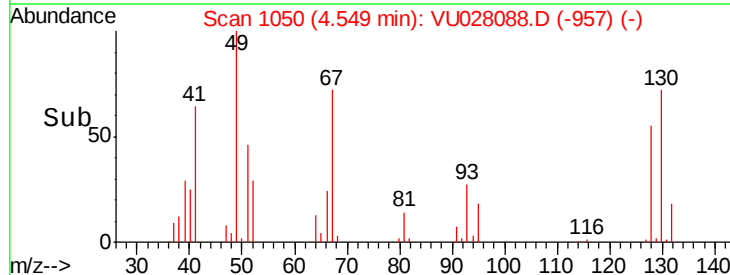
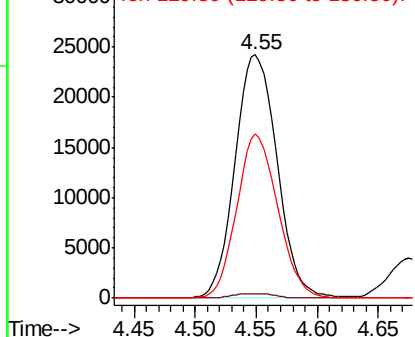
#28

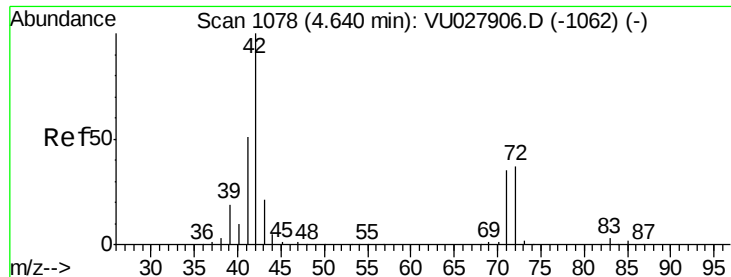
Bromochloromethane
Concen: 19.607 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 49 Resp: 57944
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.0
130 65.6 47.8 71.6



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





#29

Tetrahydrofuran

Concen: 85.625 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampled :

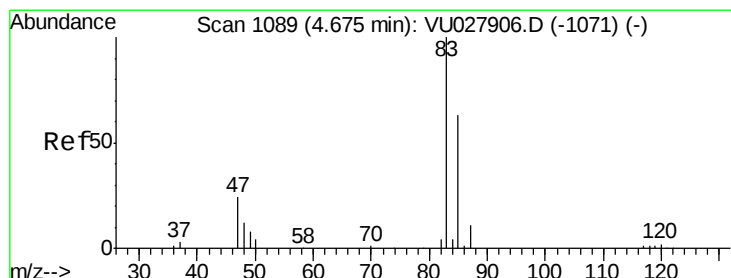
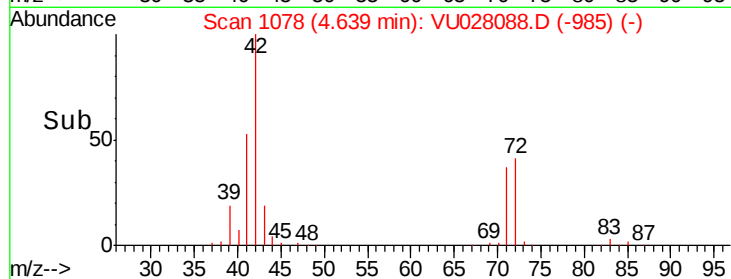
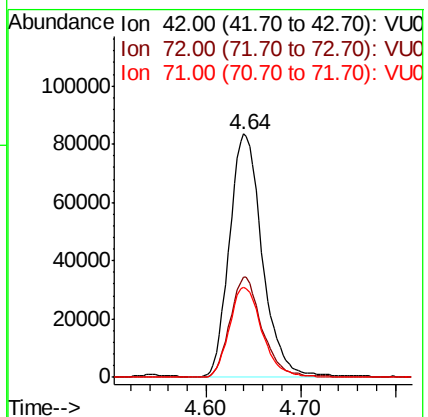
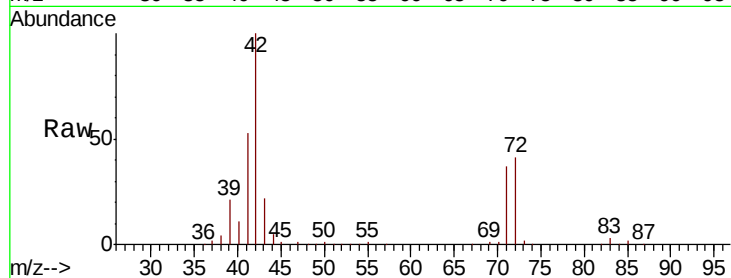
Tot Ion: 42 Resp: 200799

Ion Ratio Lower Upper

42 100

72 40.2 29.4 44.0

71 37.1 27.9 41.9



#30

Chloroform

Concen: 18.324 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU028088.D

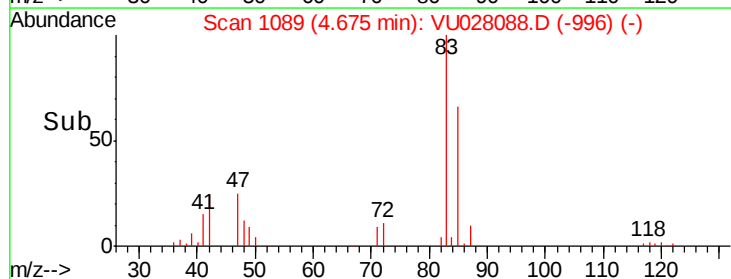
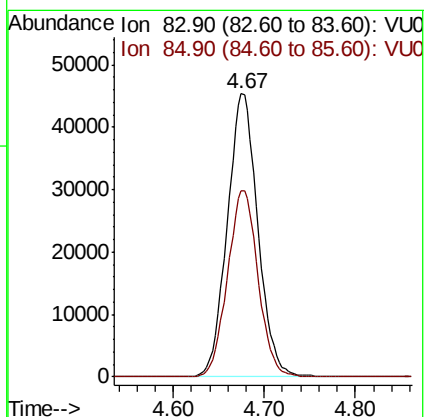
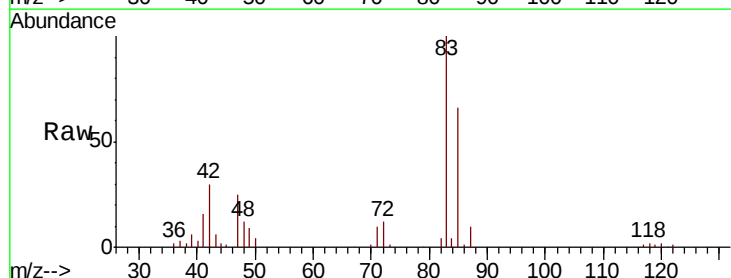
Acq: 13 Nov 2018 13:41

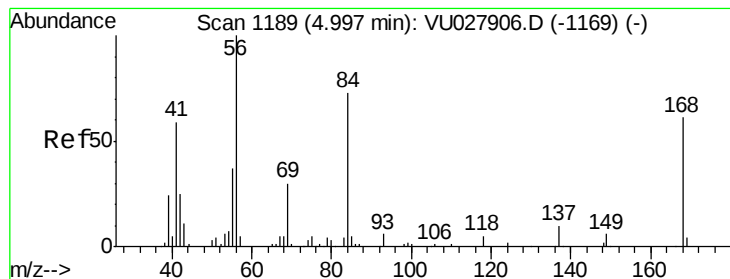
Tgt Ion: 83 Resp: 105912

Ion Ratio Lower Upper

83 100

85 65.9 50.6 76.0





#31

Cyclohexane

Concen: 17.287 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. 0.00 min

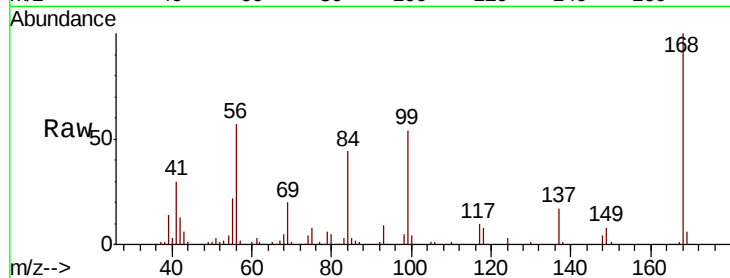
Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 113775

Ion	Ratio	Lower	Upper
56	100		
69	34.4	23.7	35.5
84	77.3	58.2	87.4

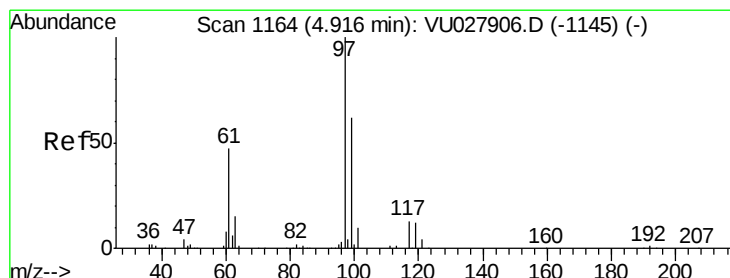
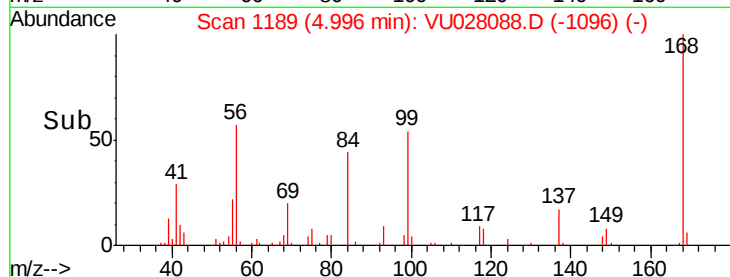


Abundance

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: 19.222 ug/l

RT: 4.92 min Scan# 1164

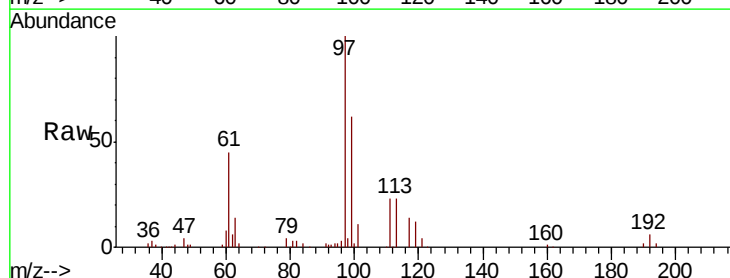
Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Tgt Ion: 97 Resp: 88443

Ion	Ratio	Lower	Upper
97	100		
99	62.0	50.5	75.7
61	45.7	38.3	57.5

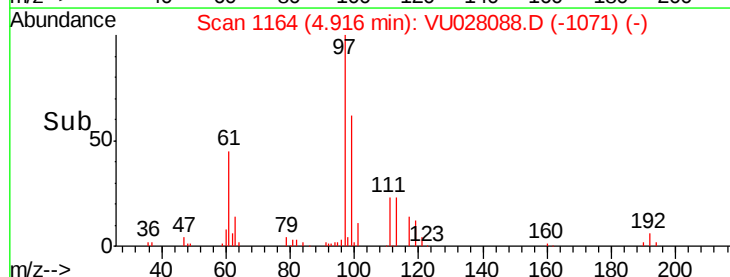


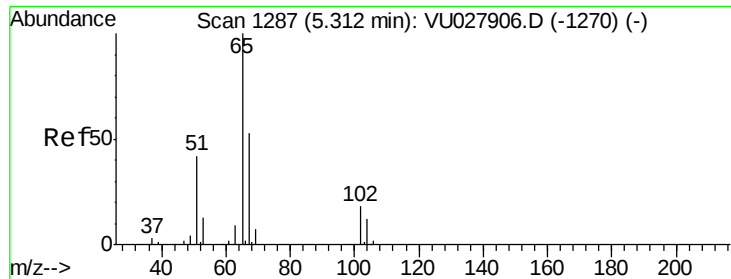
Abundance

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

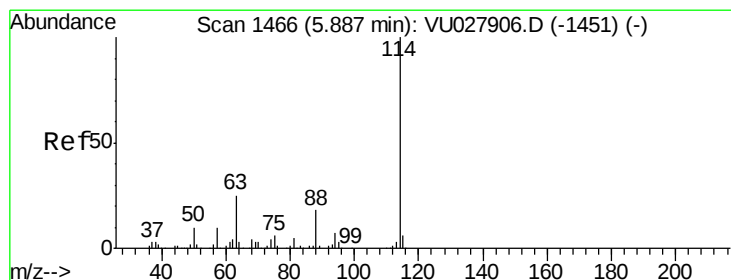
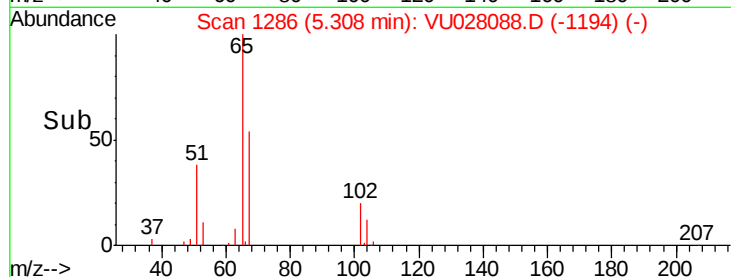
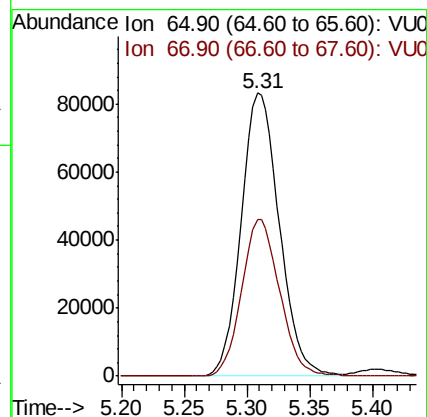
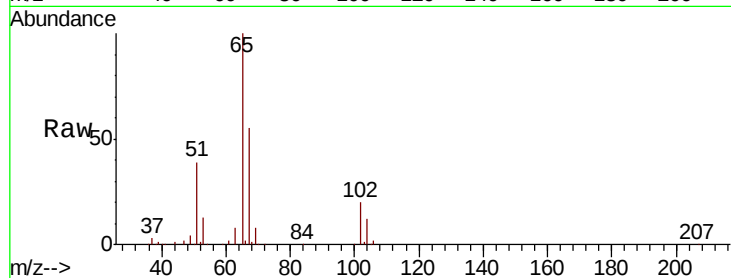




#33
 1,2-Dichloroethane-d4
 Concen: 49.402 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

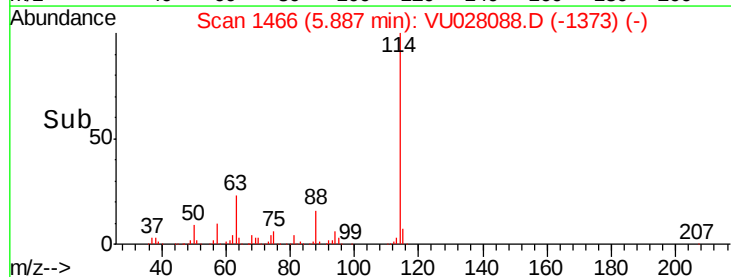
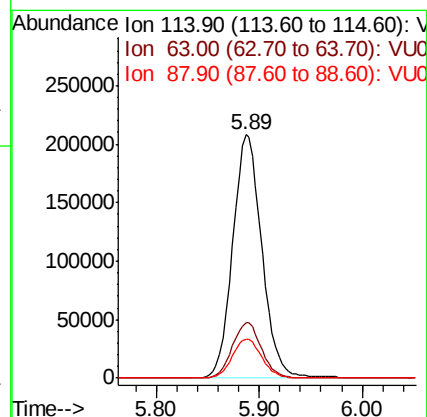
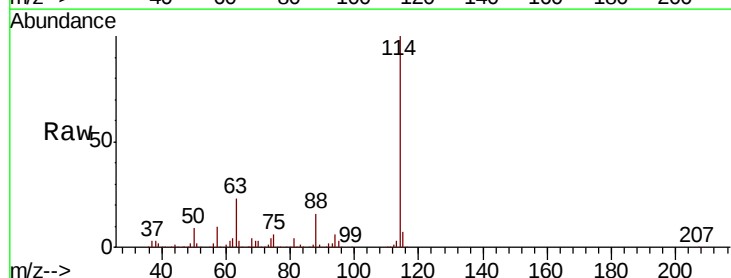
Instrument :
 MSVOA_U
 ClientSampleId :

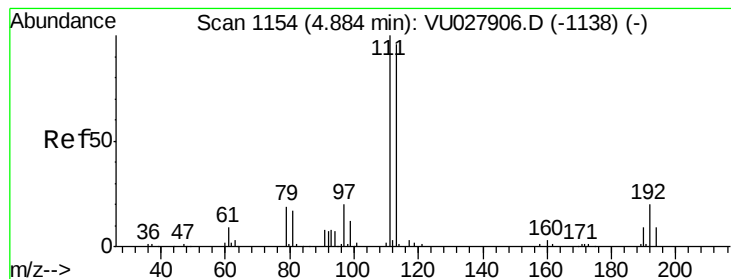
Tot Ion: 65 Resp: 175775
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

Tgt Ion: 114 Resp: 409537
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 50.8
 88 15.9 0.0 35.8





#35

Dibromofluoromethane

Concen: 51.818 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampleId :

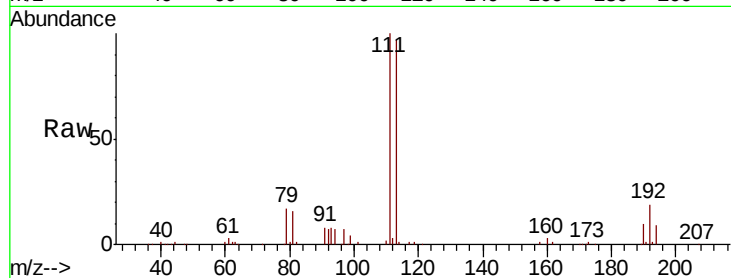
Tot Ion:113 Resp: 133804

Ion Ratio Lower Upper

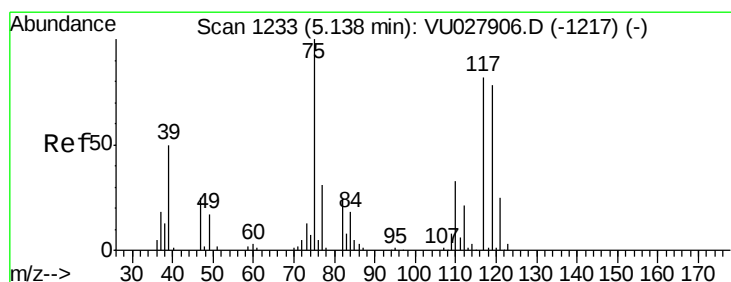
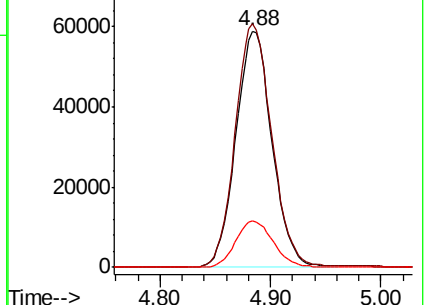
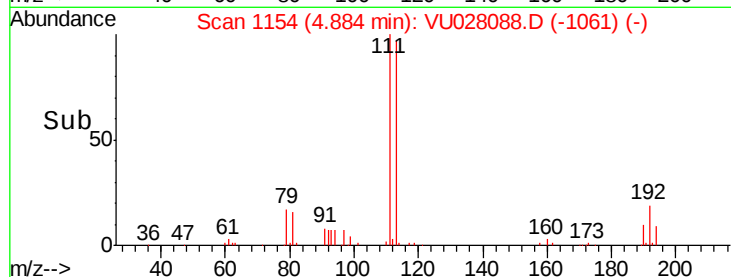
113 100

111 104.2 83.0 124.6

192 20.3 15.6 23.4



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



#36

1,1-Dichloropropene

Concen: 18.719 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

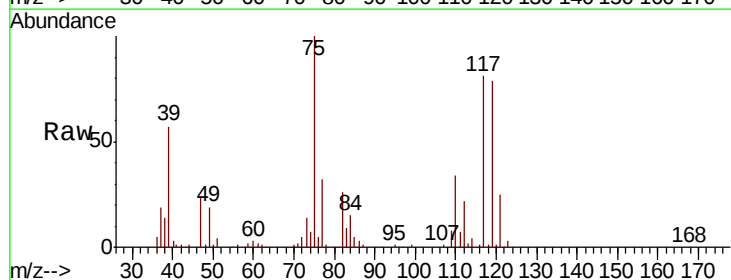
Tgt Ion: 75 Resp: 80291

Ion Ratio Lower Upper

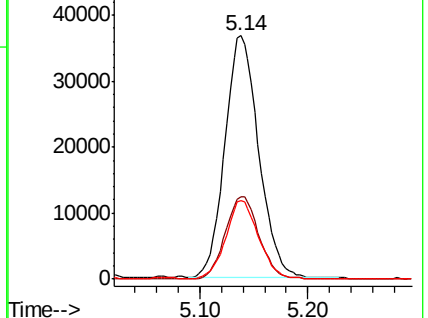
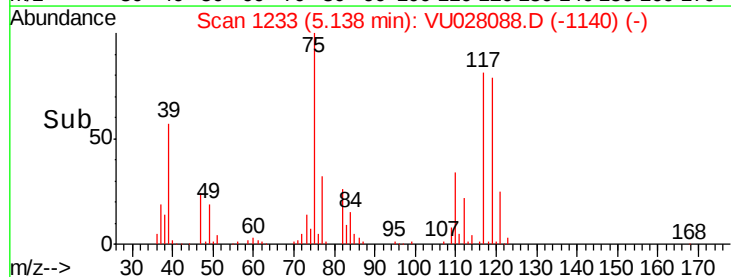
75 100

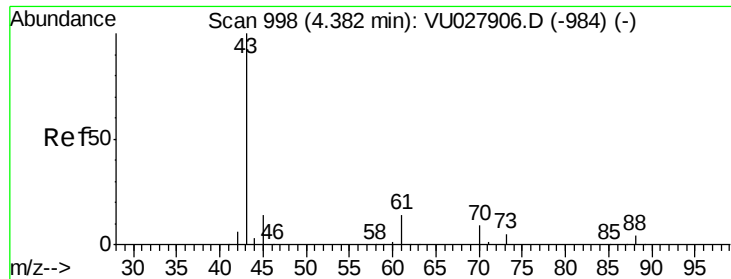
110 33.8 16.5 49.5

77 31.7 24.9 37.3



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





#37

Ethyl Acetate

Concen: 17.507 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampleId :

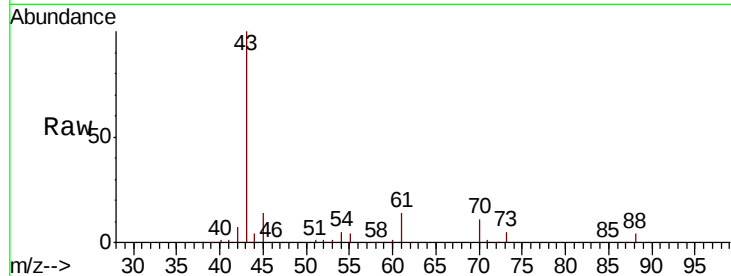
Tot Ion: 43 Resp: 110026

Ion Ratio Lower Upper

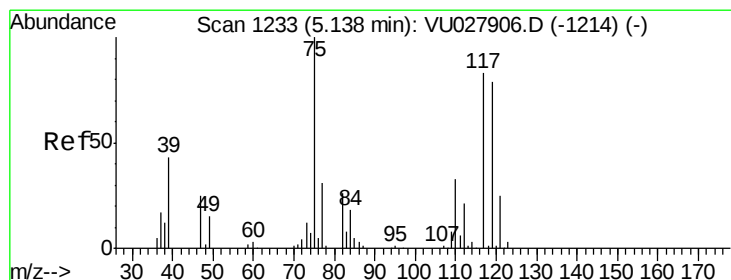
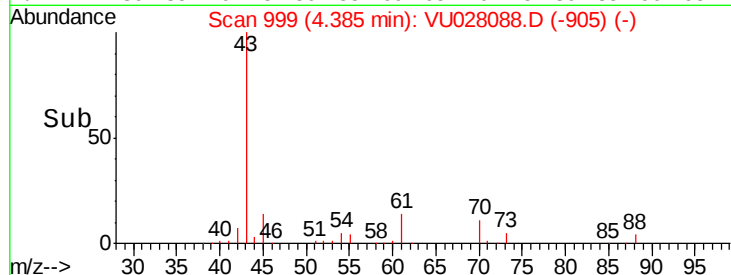
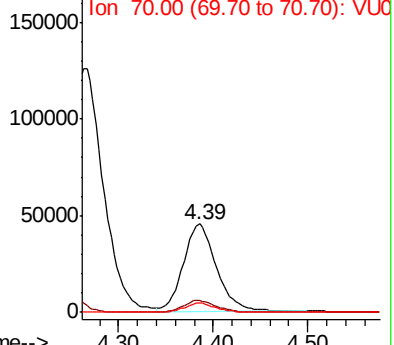
43 100

61 13.8 10.3 15.5

70 9.8 7.0 10.6



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: 18.689 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

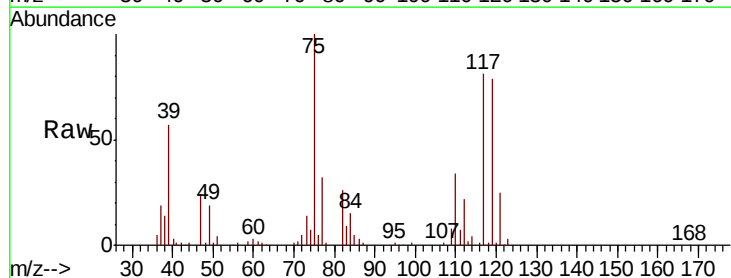
Tgt Ion: 117 Resp: 71038

Ion Ratio Lower Upper

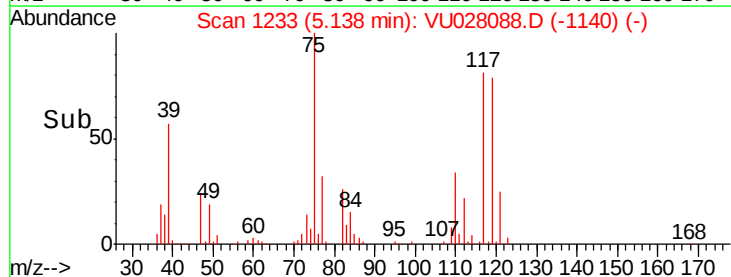
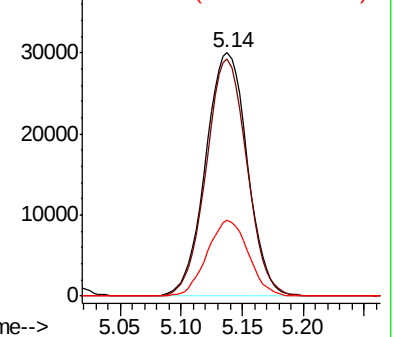
117 100

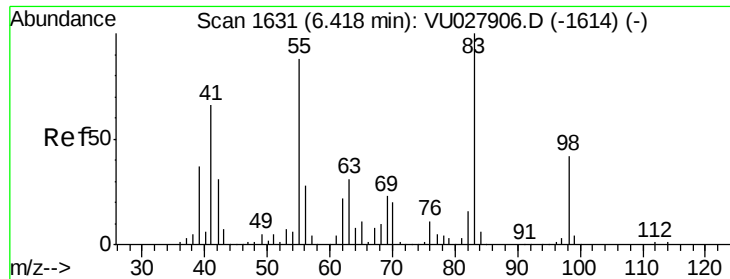
119 97.5 76.0 114.0

121 31.0 24.5 36.7



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

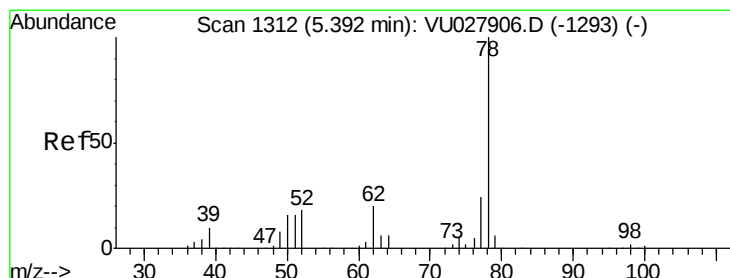
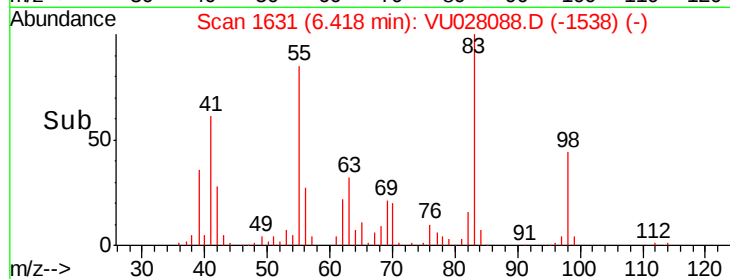
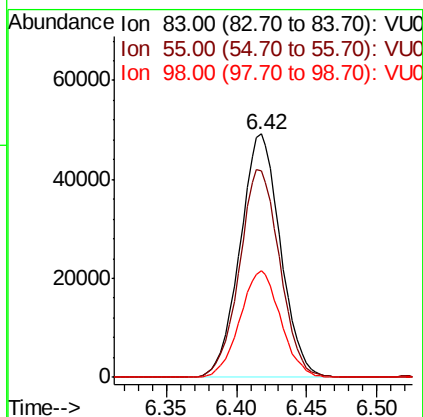
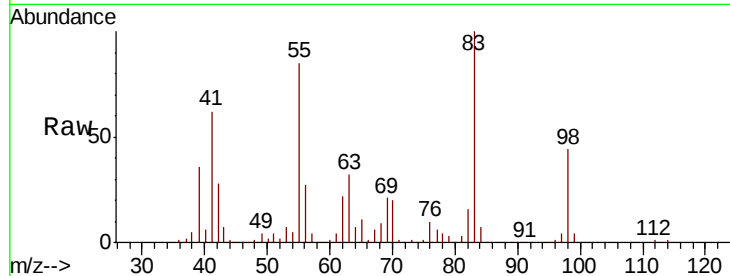




#39
Methvlcvclohexane
Concen: 19.061 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

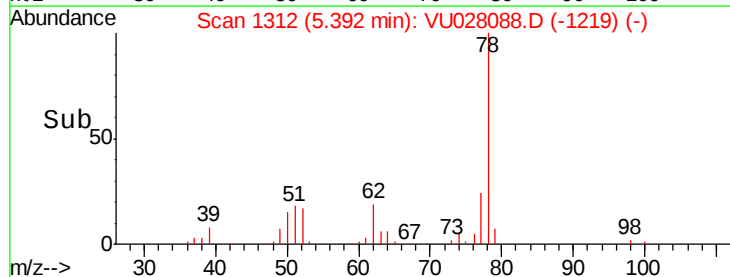
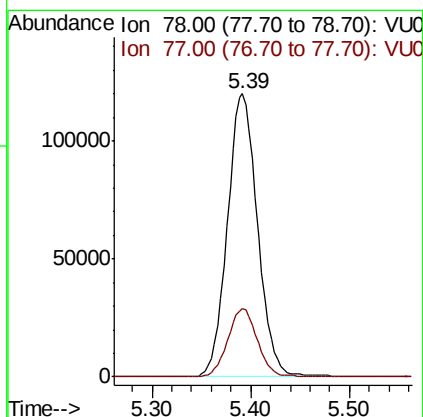
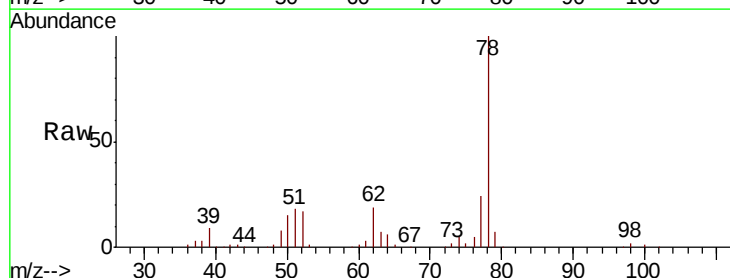
Instrument :
MSVOA_U
ClientSampleId :

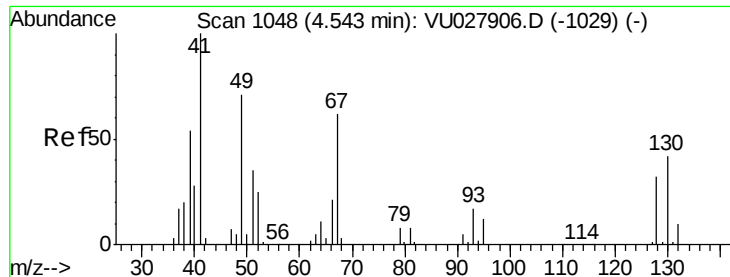
Tot Ion: 83 Resp: 98608
Ion Ratio Lower Upper
83 100
55 84.5 70.3 105.5
98 43.6 34.0 51.0



#40
Benzene
Concen: 19.525 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 78 Resp: 256048
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

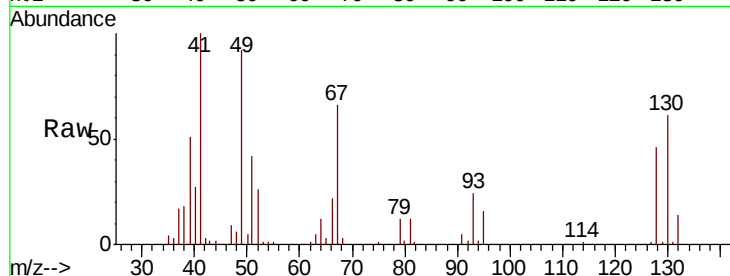




#41
Methacrylonitrile
Concen: 18.601 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	41	Resp:	62387
Ion	Ratio	Lower	Upper
41	100		
39	50.5	42.2	63.4
67	66.3	49.5	74.3
52	26.8	20.5	30.7



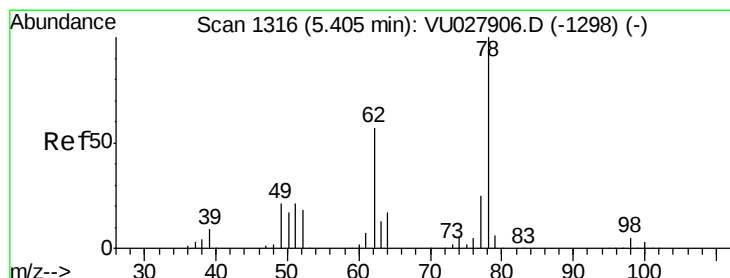
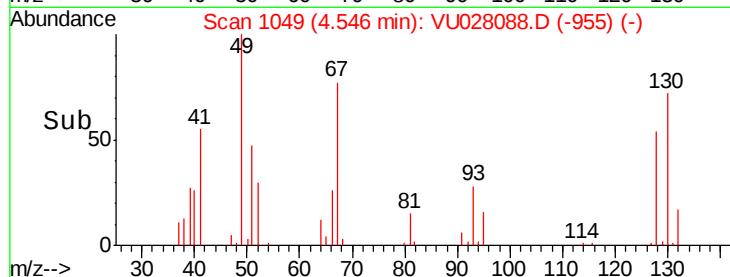
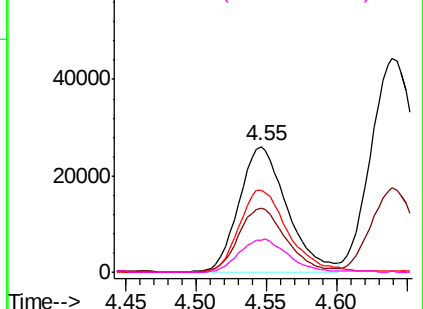
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

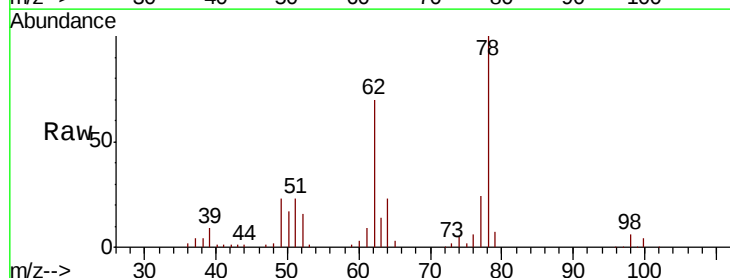
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 18.624 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

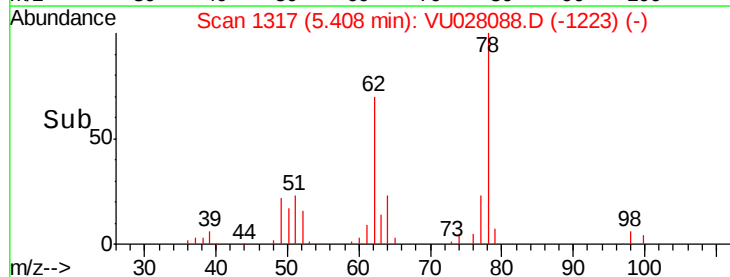
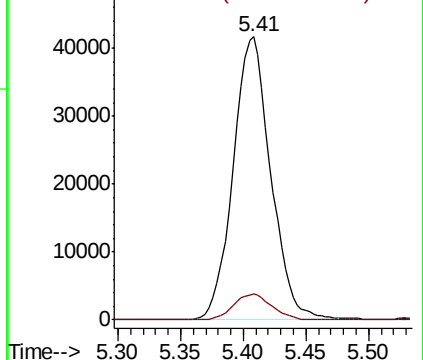
Tgt Ion:	62	Resp:	86815
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.2

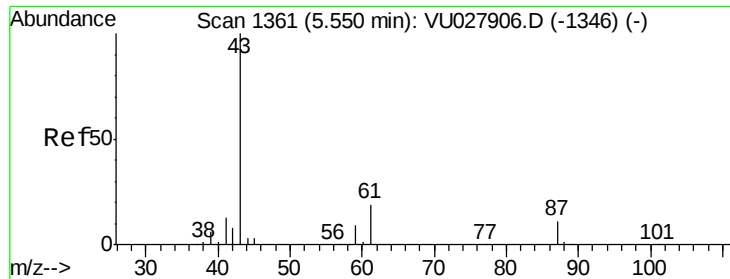


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 18.142 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampled :

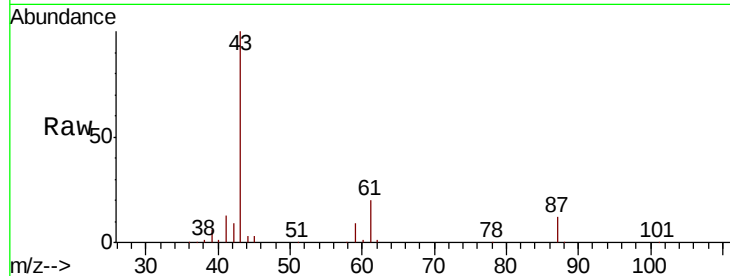
Tot Ion: 43 Resp: 178626

Ion Ratio Lower Upper

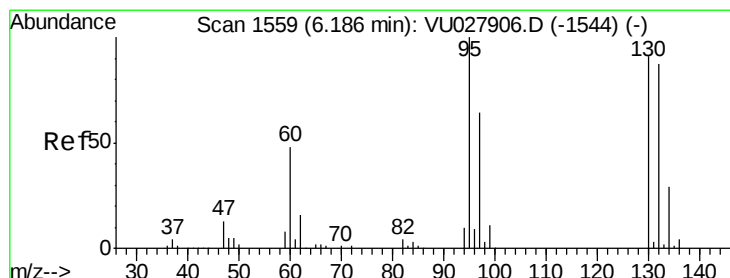
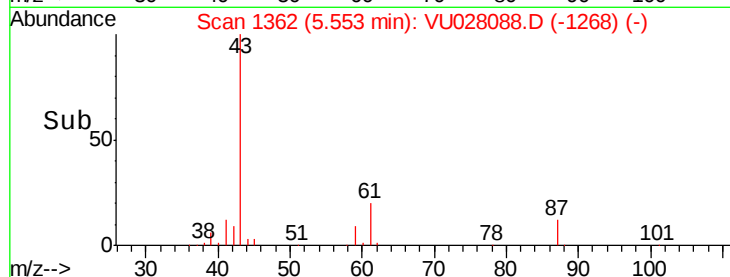
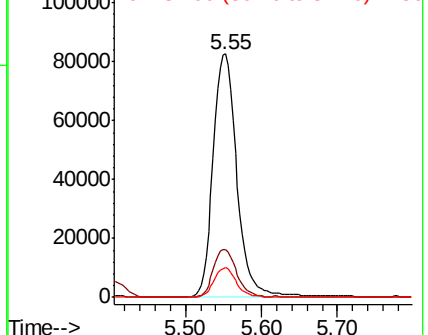
43 100

61 19.4 15.0 22.4

87 11.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0



#44

Trichloroethene

Concen: 20.784 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028088.D

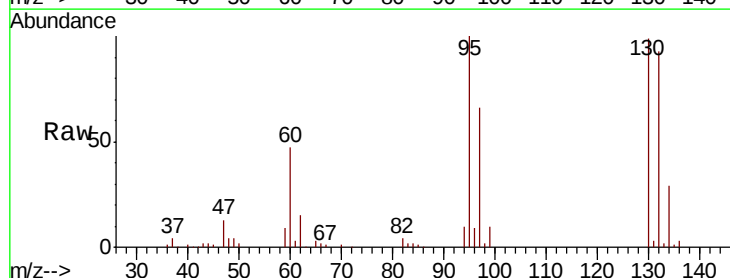
Acq: 13 Nov 2018 13:41

Tgt Ion:130 Resp: 58586

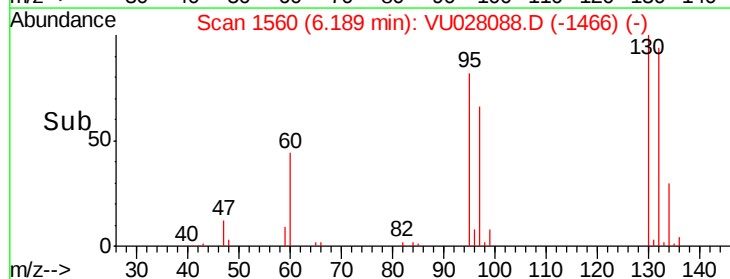
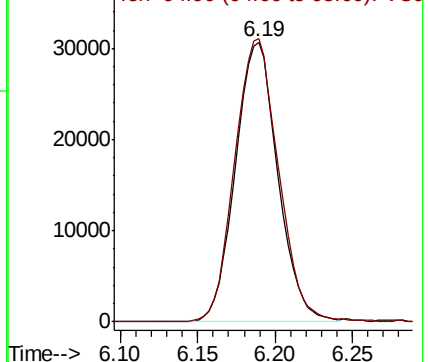
Ion Ratio Lower Upper

130 100

95 101.3 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 19.117 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

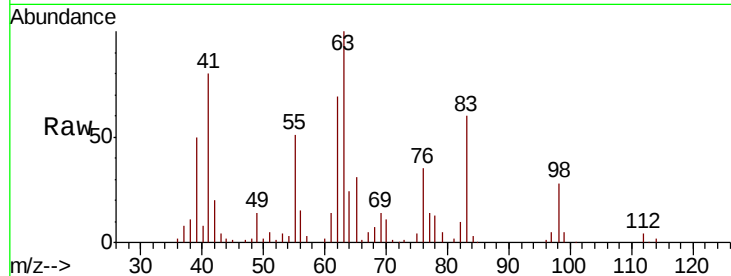
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 63 Resp: 72301

Ion Ratio Lower Upper

63 100

65 31.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VU028088.D (-1543) (-)

Ion 64.90 (64.60 to 65.60): VU028088.D (-1543) (-)

6.43

40000

30000

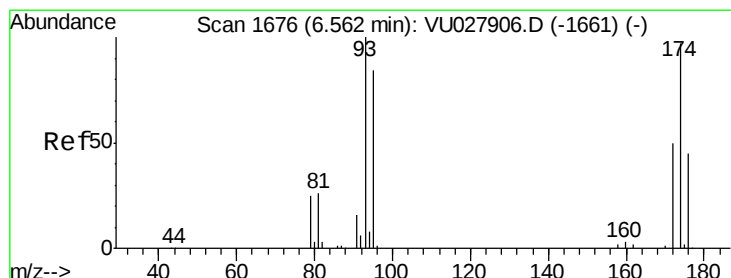
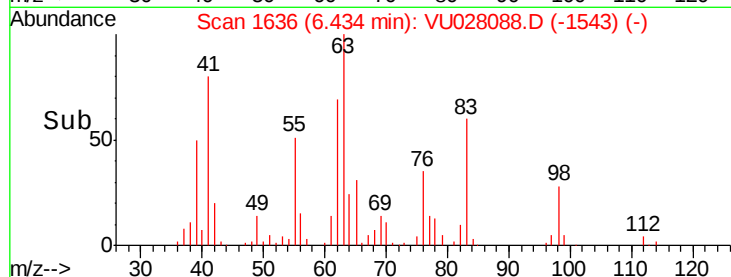
20000

10000

0

6.35 6.40 6.45 6.50 6.55

Time-->



#46

Dibromomethane

Concen: 19.444 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

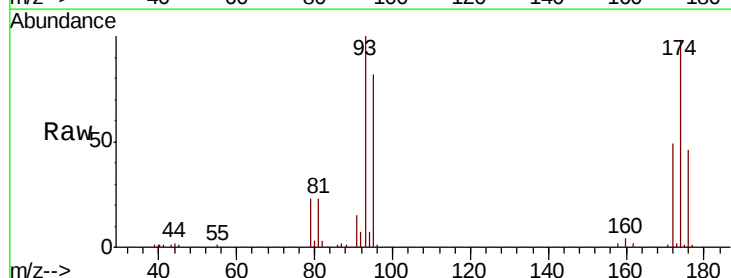
Tgt Ion: 93 Resp: 42269

Ion Ratio Lower Upper

93 100

95 83.6 68.5 102.7

174 99.9 76.1 114.1



Abundance Ion 92.80 (92.50 to 93.50): VU028088.D (-1583) (-)

Ion 94.80 (94.50 to 95.50): VU028088.D (-1583) (-)

Ion 173.70 (173.40 to 174.40): VU028088.D (-1583) (-)

6.56

30000

25000

20000

15000

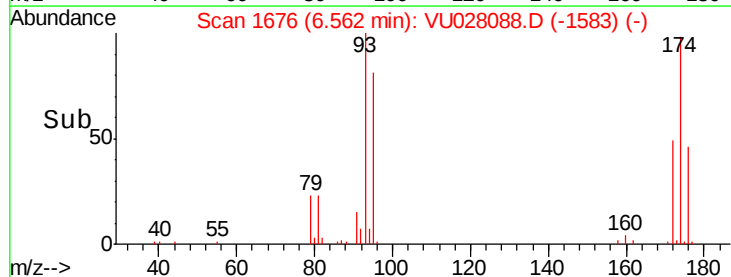
10000

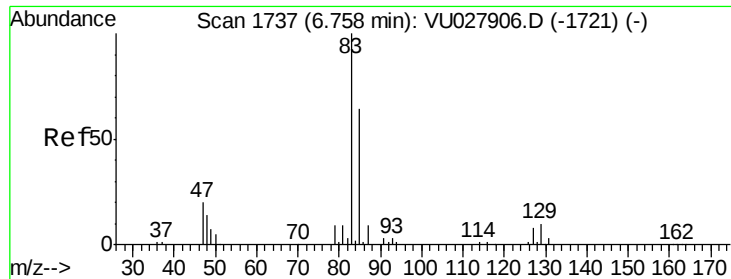
5000

0

6.50 6.55 6.60 6.65

Time-->

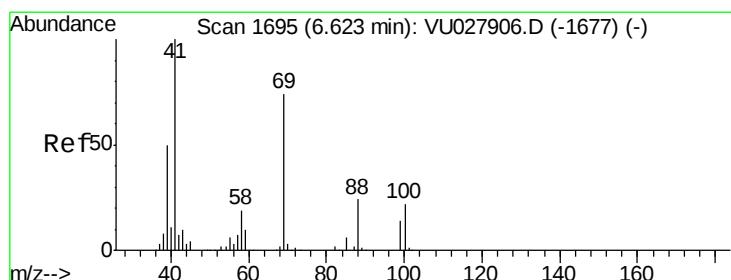
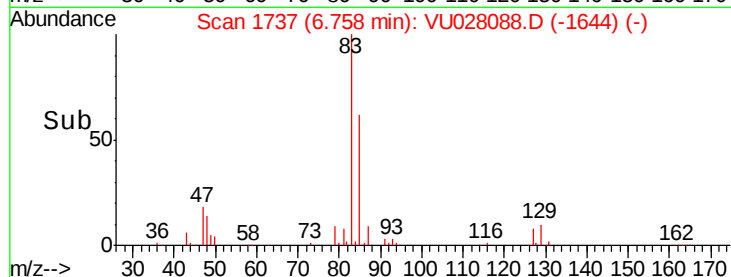
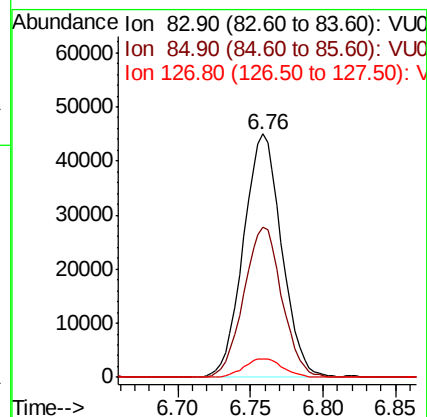
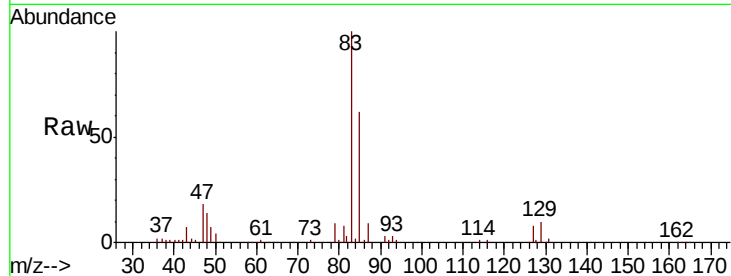




#47
Bromodichloromethane
Concen: 19.699 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

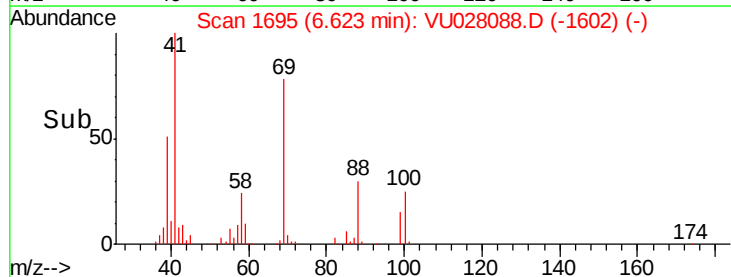
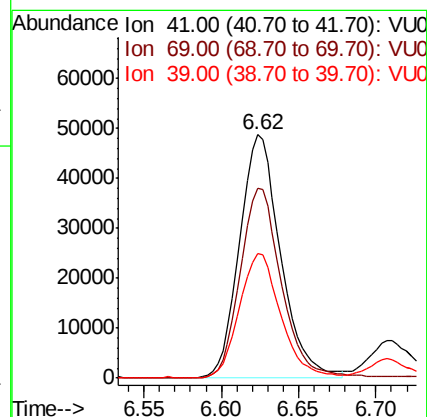
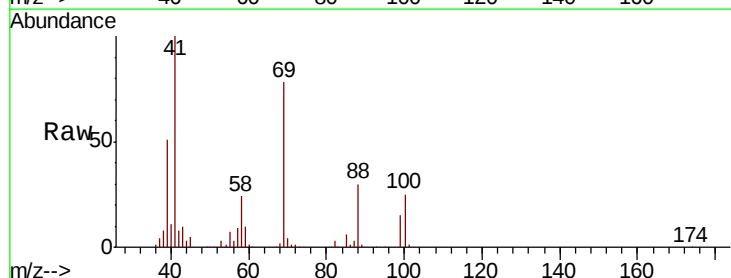
Instrument :
MSVOA_U
ClientSampled :

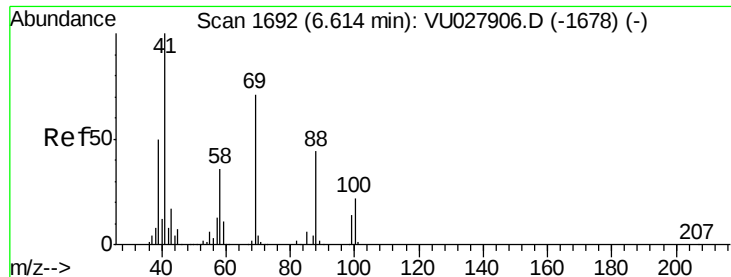
Tot Ion: 83 Resp: 82525
Ion Ratio Lower Upper
83 100
85 61.5 51.0 76.6
127 7.6 6.2 9.4



#48
Methyl methacrylate
Concen: 18.535 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 41 Resp: 89431
Ion Ratio Lower Upper
41 100
69 78.7 59.8 89.8
39 52.2 40.0 60.0

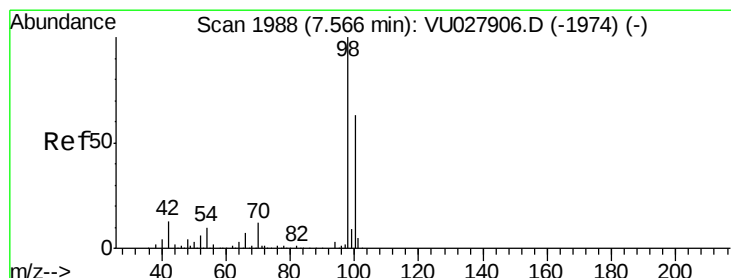
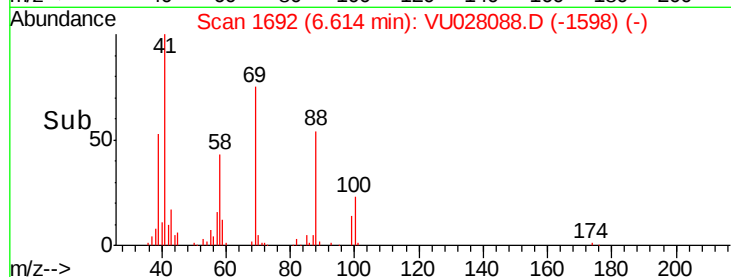
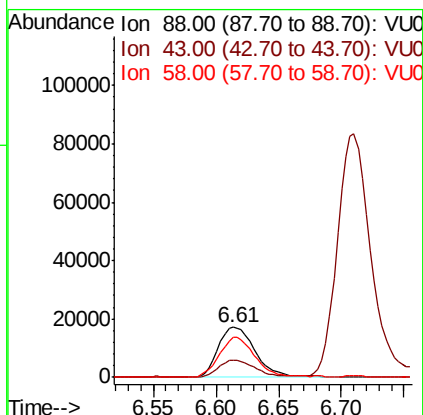
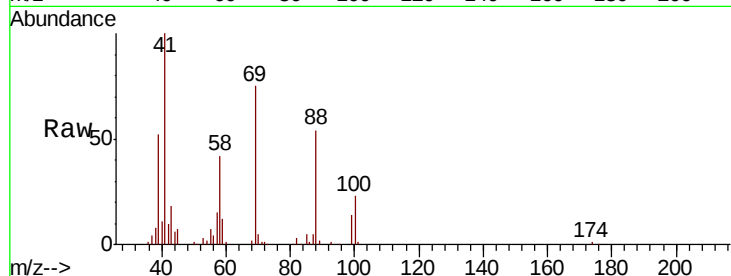




#49
1,4-Dioxane
Concen: 449.638 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

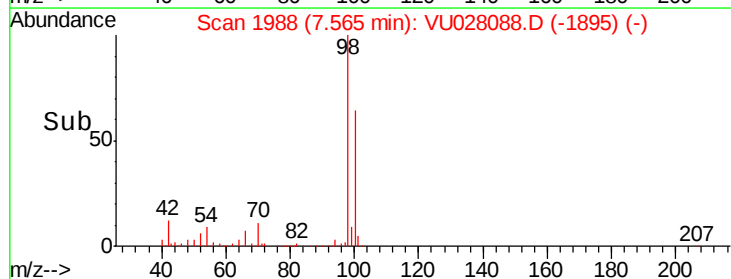
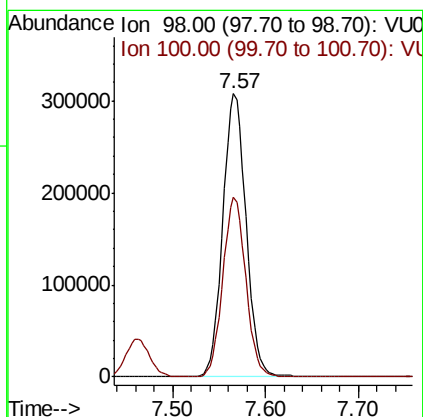
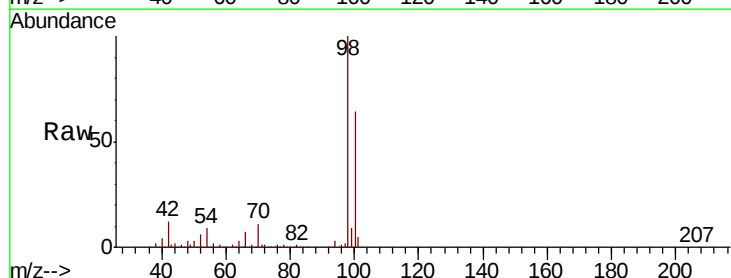
Instrument :
MSVOA_U
ClientSampleId :

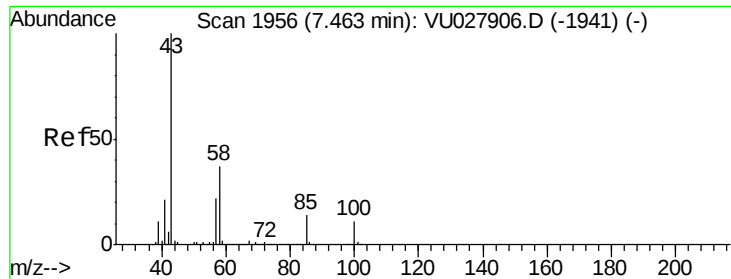
Tot Ion: 88 Resp: 35396
Ion Ratio Lower Upper
88 100
43 31.8 30.5 45.7
58 76.7 67.1 100.7



#50
Toluene-d8
Concen: 53.786 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 98 Resp: 536509
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 90.137 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

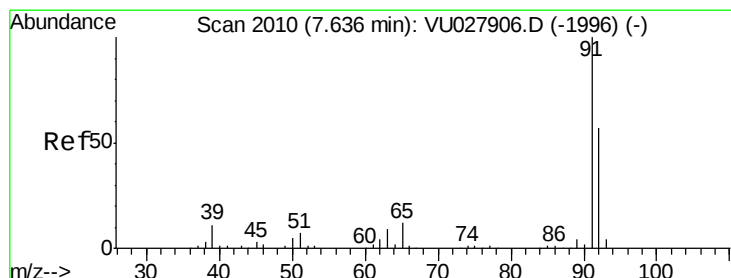
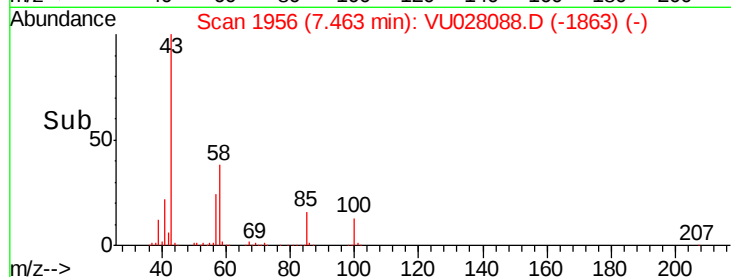
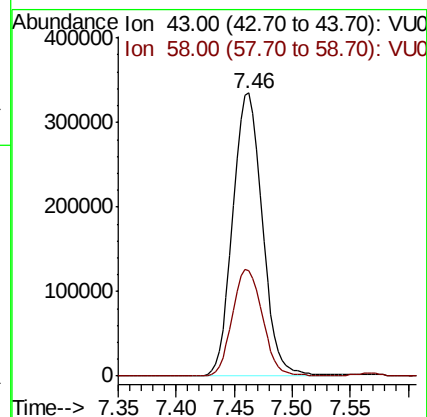
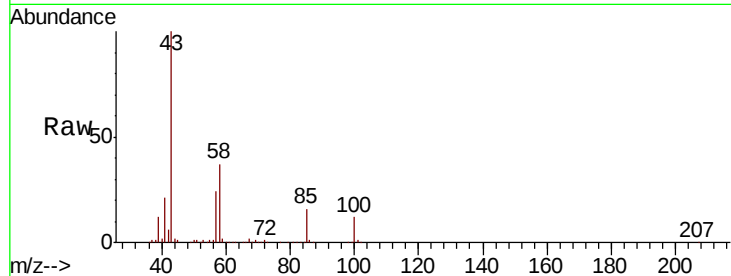
ClientSampleId :

Tot Ion: 43 Resp: 592709

Ion Ratio Lower Upper

43 100

58 38.3 29.5 44.3



#52

Toluene

Concen: 19.911 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028088.D

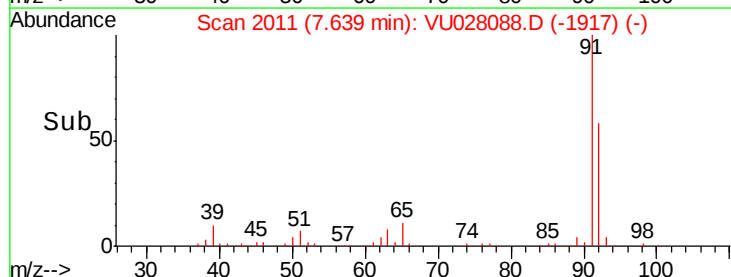
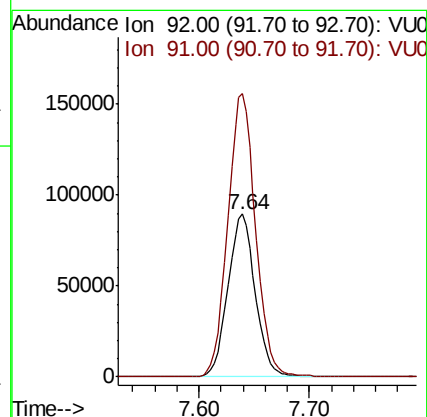
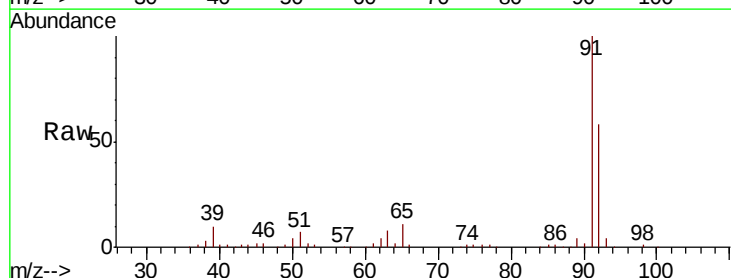
Acq: 13 Nov 2018 13:41

Tgt Ion: 92 Resp: 153506

Ion Ratio Lower Upper

92 100

91 176.9 141.2 211.8

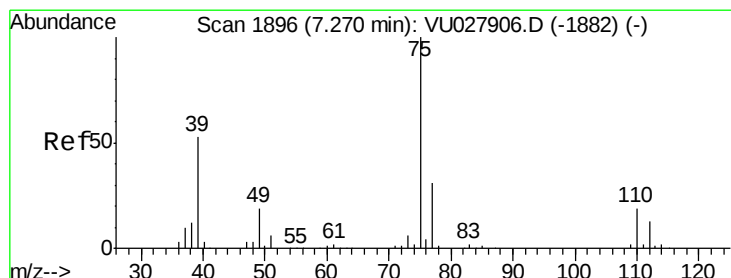
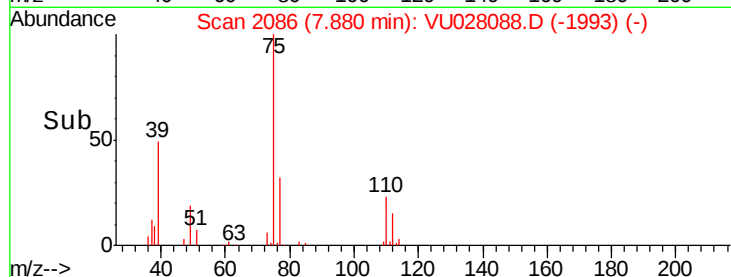
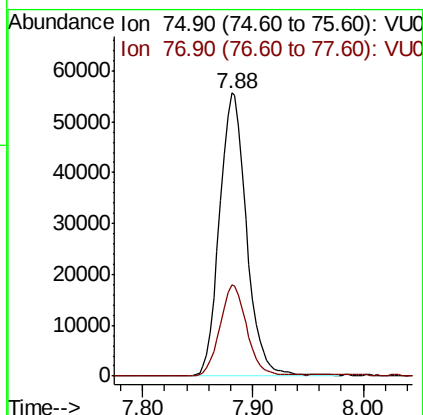
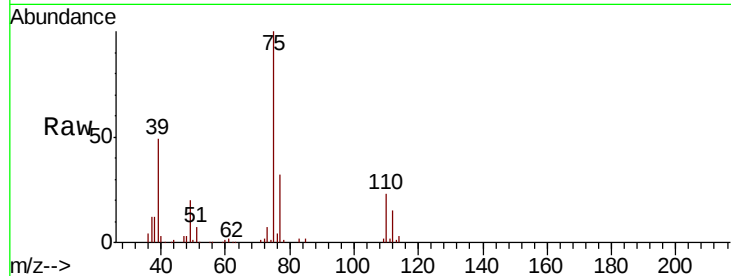




#53
t-1,3-Dichloropropene
Concen: 18.904 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

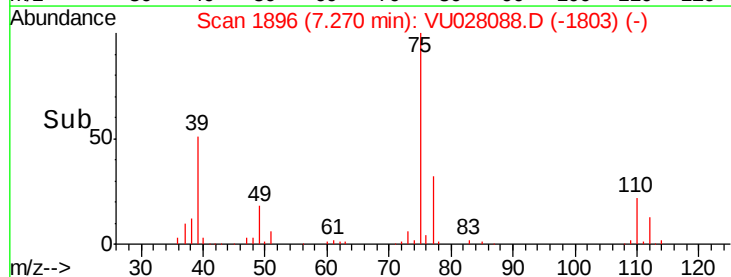
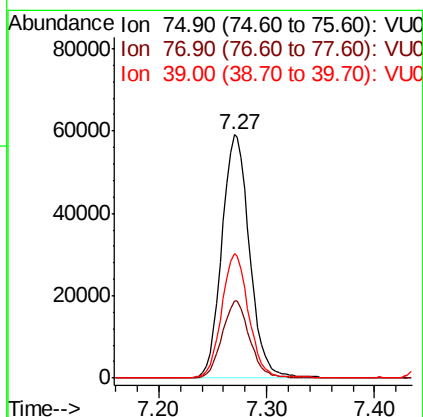
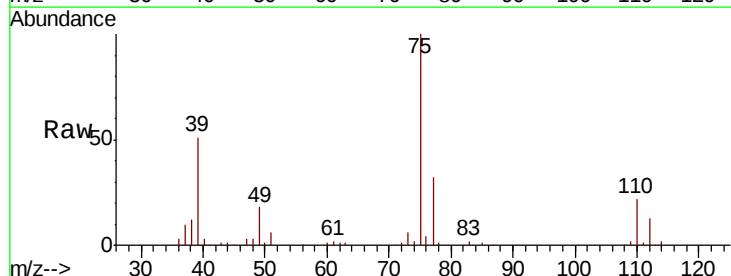
Instrument :
MSVOA_U
ClientSampleId :

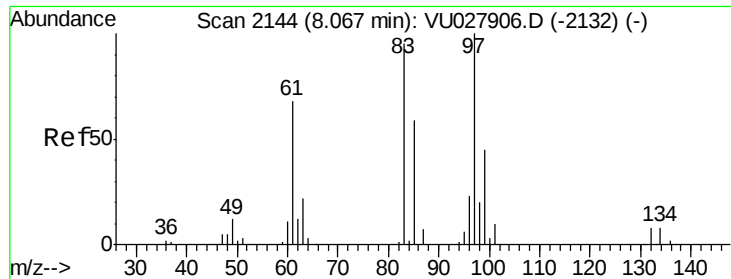
Tot Ion: 75 Resp: 94516
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.499 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 75 Resp: 105868
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0
39 51.1 42.6 64.0

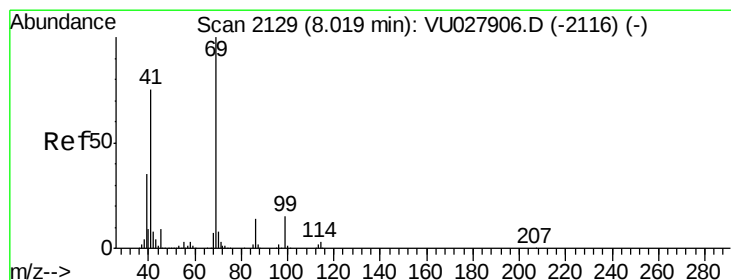
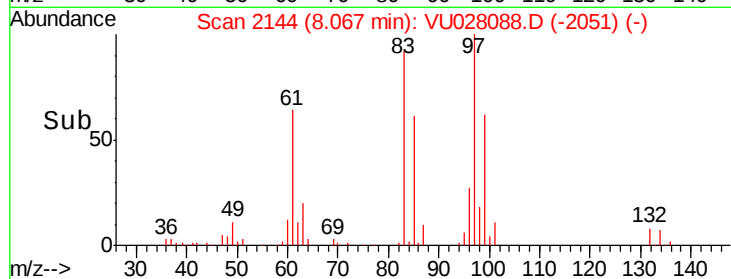
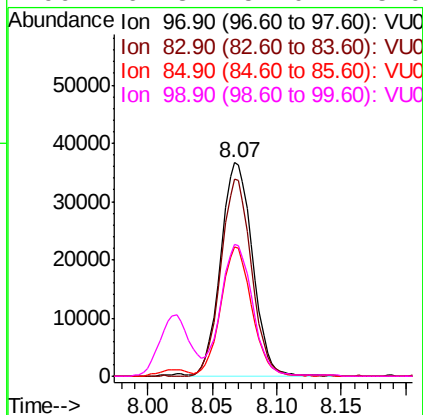
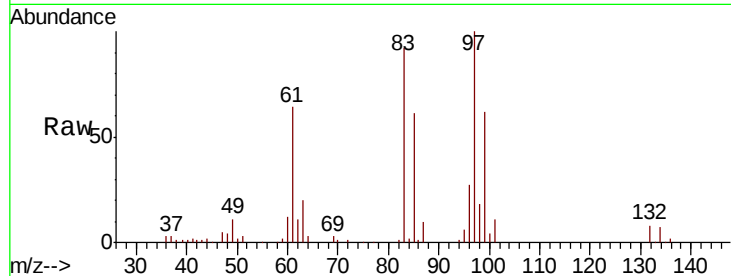




#55
 1,1,2-Trichloroethane
 Concen: 20.100 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

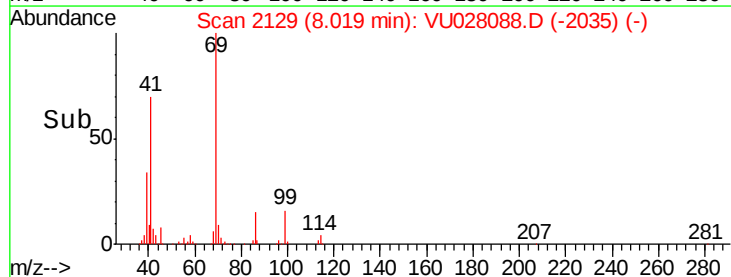
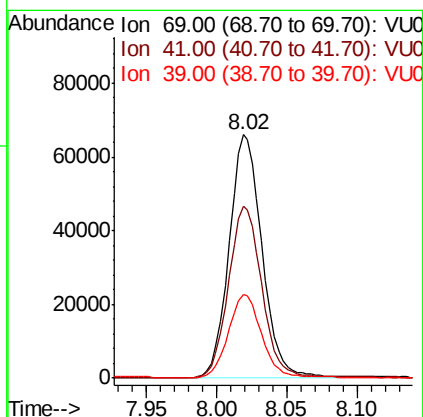
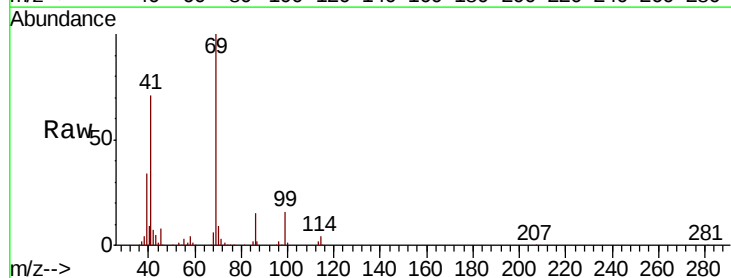
Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	97	Resp:	63045
Ion	Ratio	Lower	Upper
97	100		
83	92.4	76.1	114.1
85	60.8	48.9	73.3
99	61.3	52.0	78.0



#56
 Ethyl methacrylate
 Concen: 19.525 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

Tgt Ion:	69	Resp:	107997
Ion	Ratio	Lower	Upper
69	100		
41	71.0	59.8	89.6
39	35.5	28.6	42.8





#57

1,3-Dichloropropane

Concen: 19.563 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

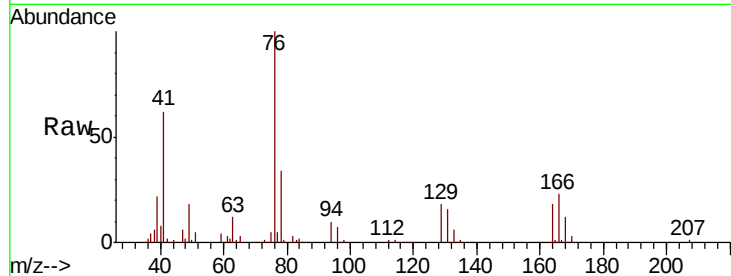
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 76 Resp: 111773

Ion Ratio Lower Upper

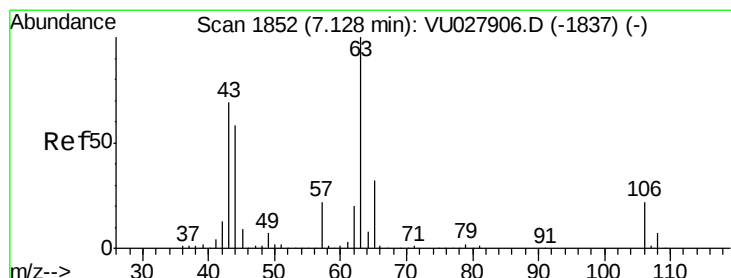
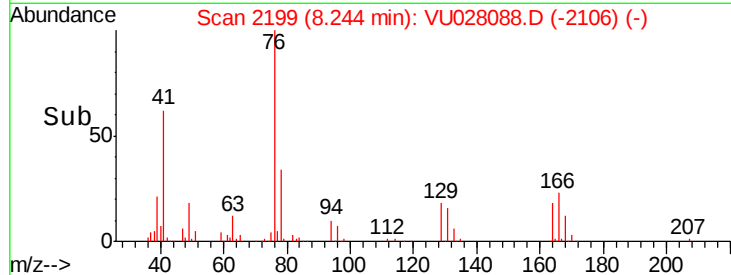
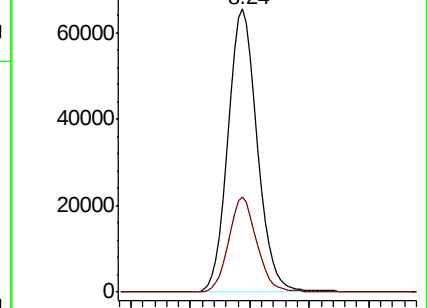
76 100

78 32.1 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VU027906.D (-2185) (-)

Ion 77.90 (77.60 to 78.60): VU028088.D (-2106) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 98.473 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU028088.D

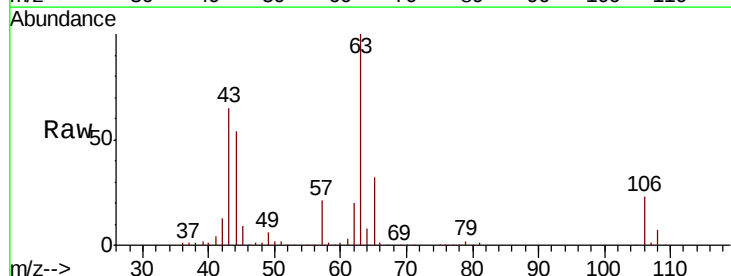
Acq: 13 Nov 2018 13:41

Tgt Ion: 63 Resp: 291720

Ion Ratio Lower Upper

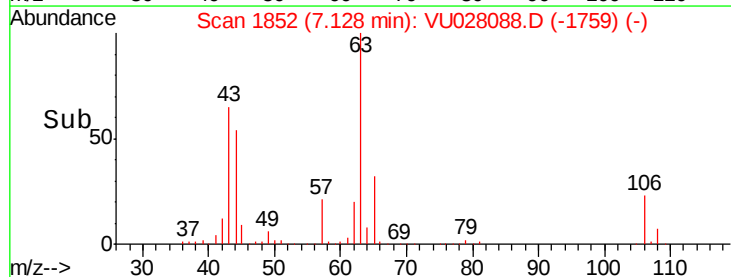
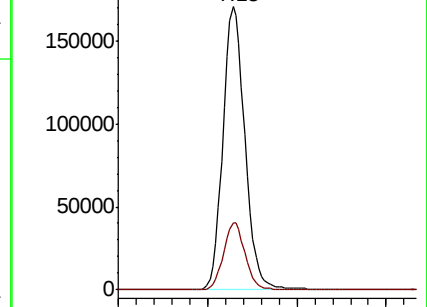
63 100

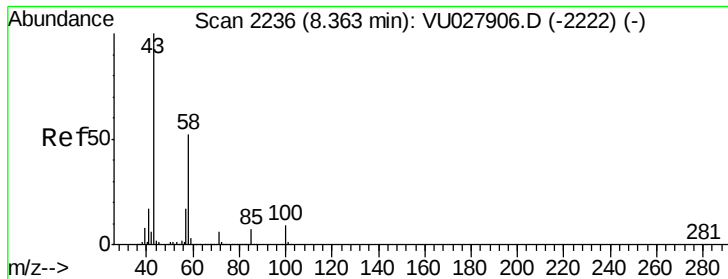
106 23.3 17.8 26.6



Abundance Ion 62.90 (62.60 to 63.60): VU027906.D (-1837) (-)

Ion 105.90 (105.60 to 106.60): VU028088.D (-1759) (-)

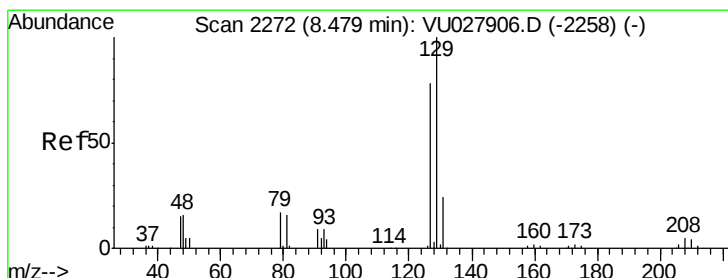
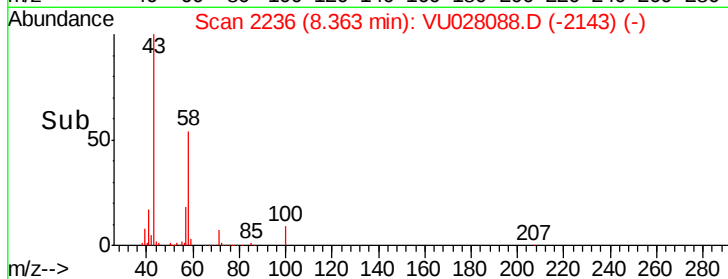
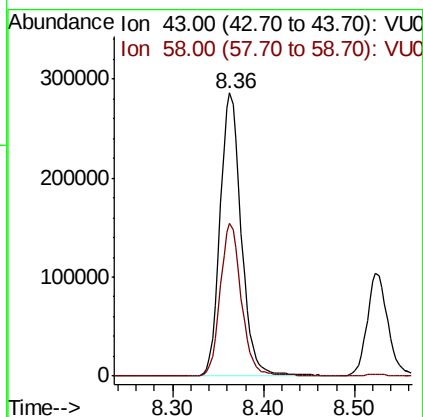
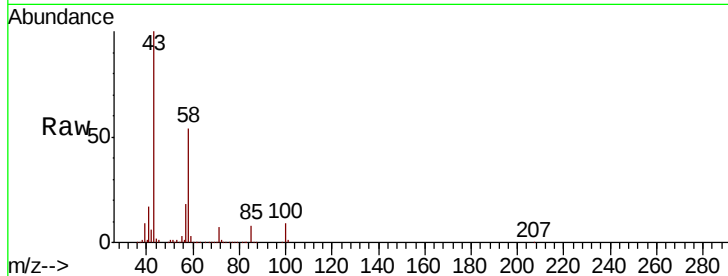




#59
2-Hexanone
Concen: 90.921 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

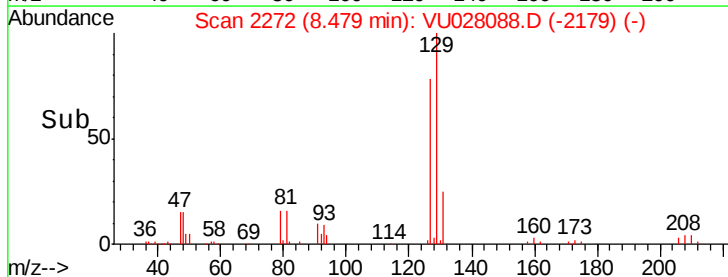
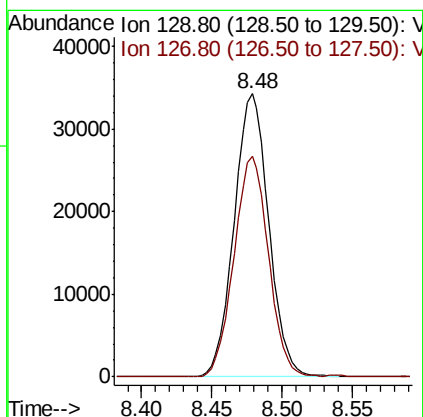
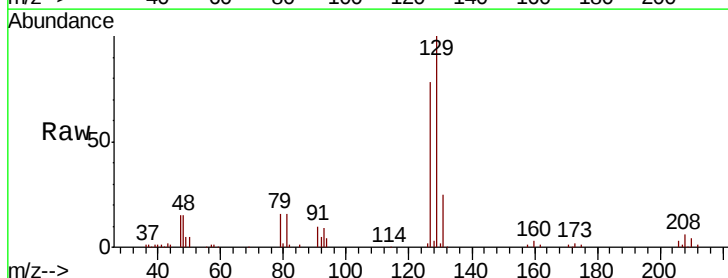
Instrument :
MSVOA_U
ClientSampleId :

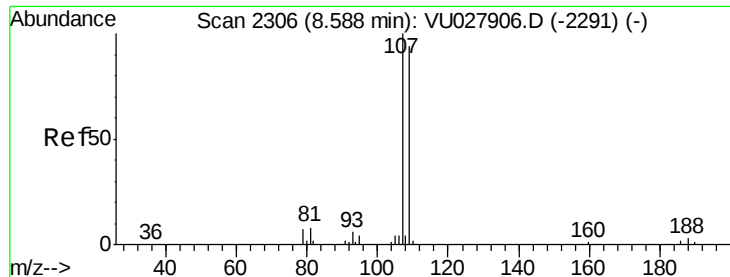
Tot Ion: 43 Resp: 462404
Ion Ratio Lower Upper
43 100
58 54.0 25.8 77.3



#60
Dibromochloromethane
Concen: 19.871 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 129 Resp: 58977
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

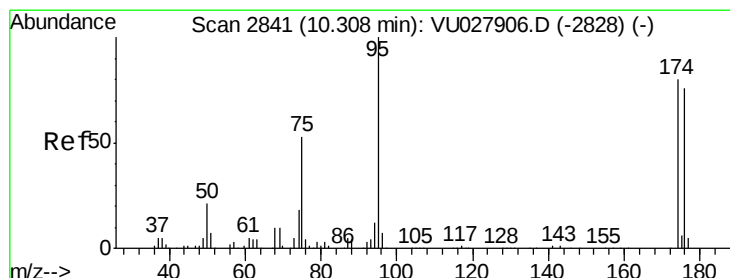
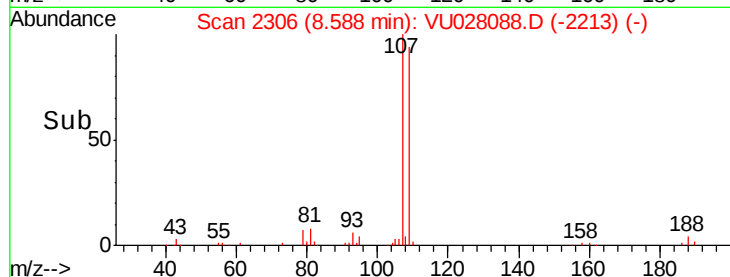
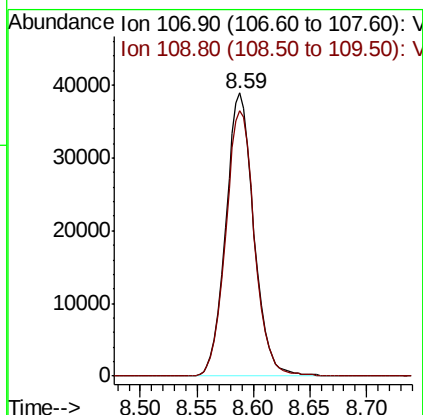
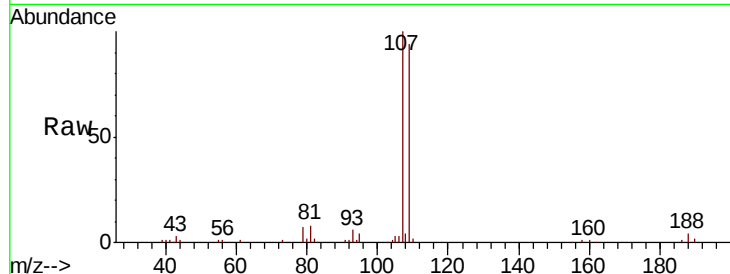




#61
 1,2-Dibromoethane
 Concen: 20.140 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

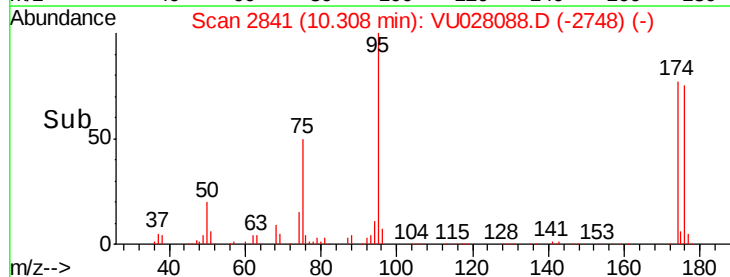
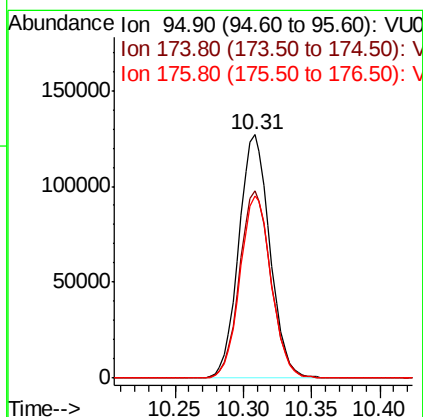
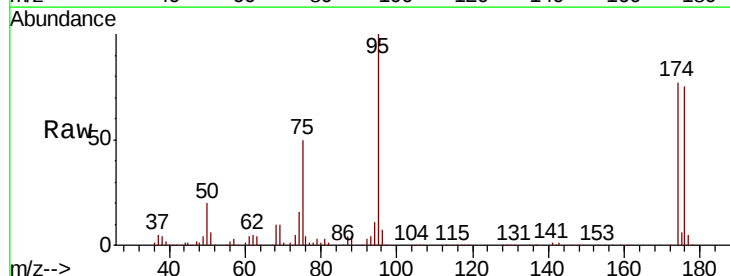
Instrument :
 MSVOA_U
 ClientSampleId :

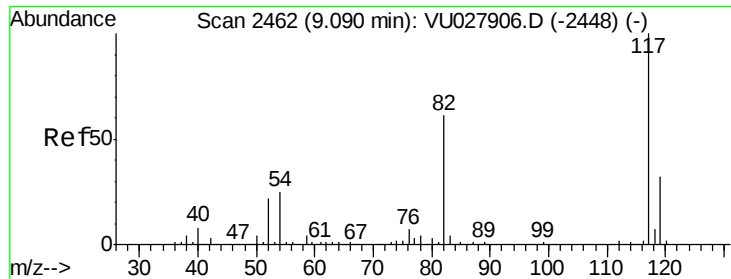
Tot Ion:107 Resp: 67124
 Ion Ratio Lower Upper
 107 100
 109 95.9 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 54.677 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

Tgt Ion: 95 Resp: 201164
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 156.4
 176 75.0 0.0 150.8

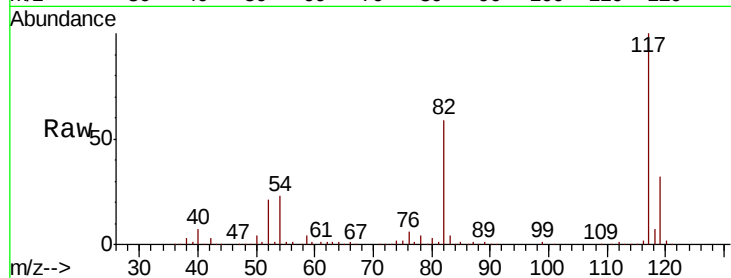




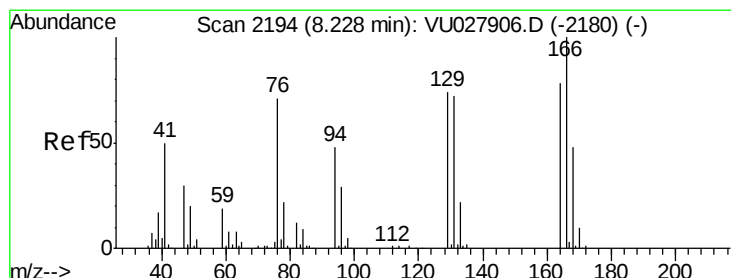
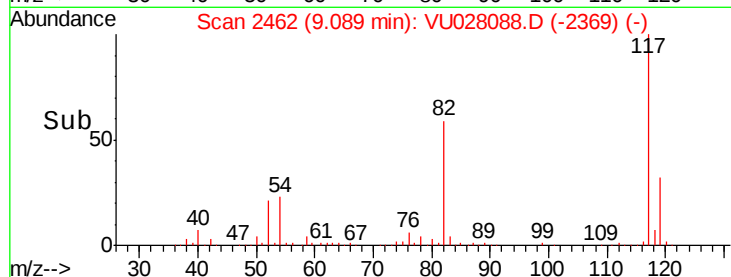
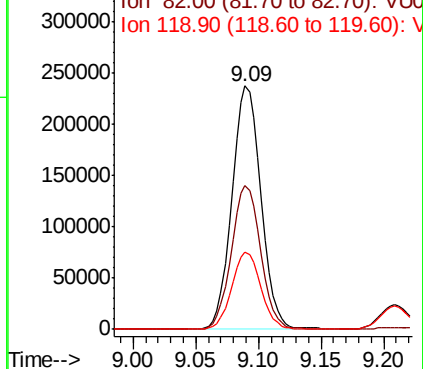
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 381825
Ion Ratio Lower Upper
117 100
82 58.9 48.6 73.0
119 31.7 25.8 38.8



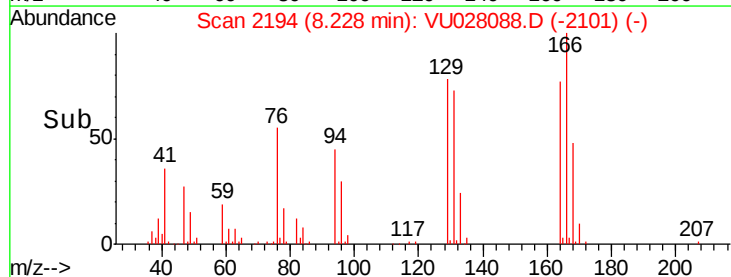
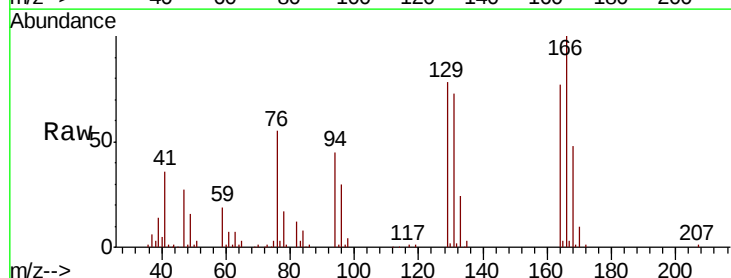
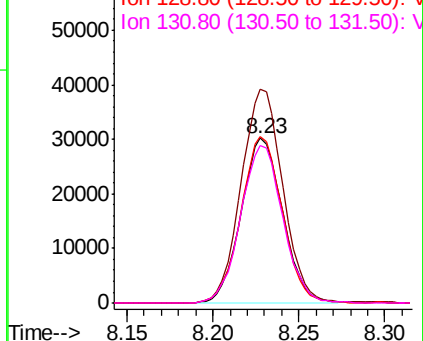
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU028088.D (-2369) (-)
Ion 118.90 (118.60 to 119.60): V

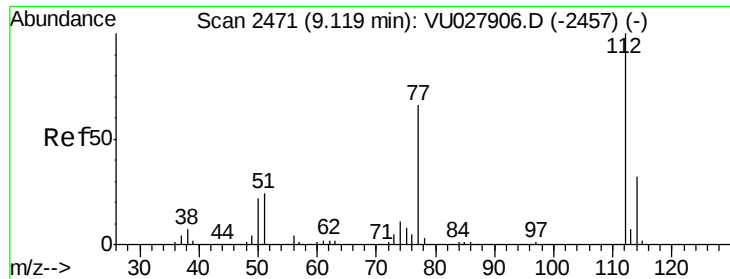


#64
Tetrachloroethene
Concen: 20.489 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion:164 Resp: 50729
Ion Ratio Lower Upper
164 100
166 129.6 102.1 153.1
129 101.2 75.9 113.9
131 95.3 73.0 109.6

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

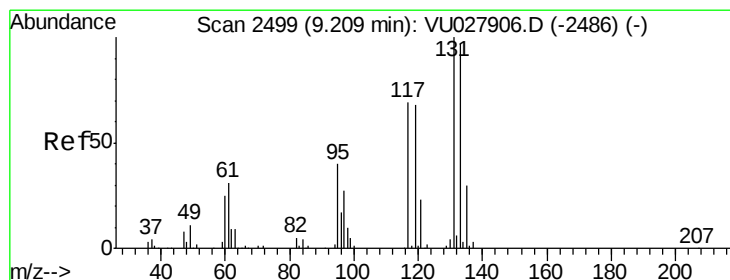
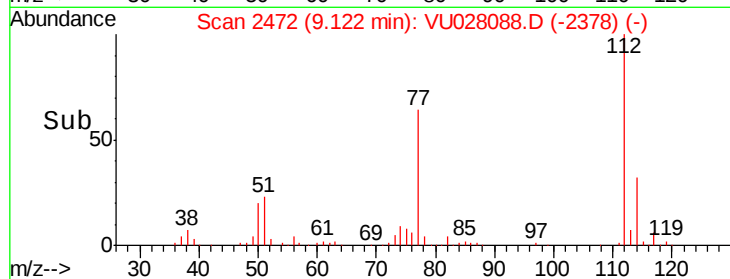
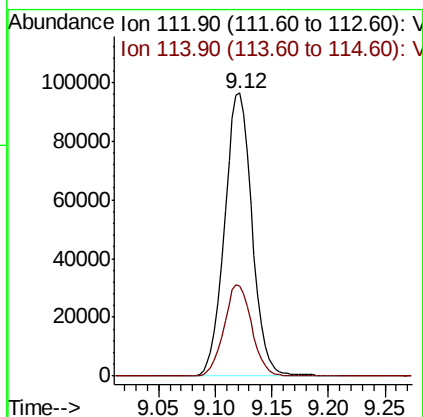
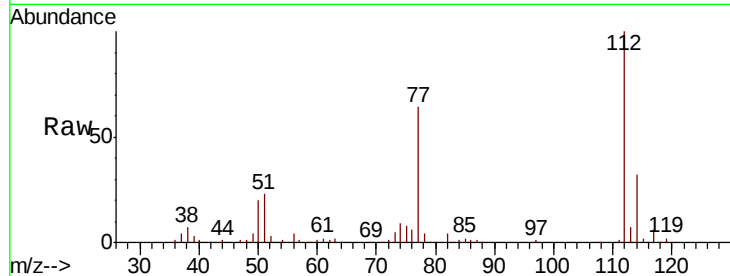




#65
Chlorobenzene
Concen: 20.167 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

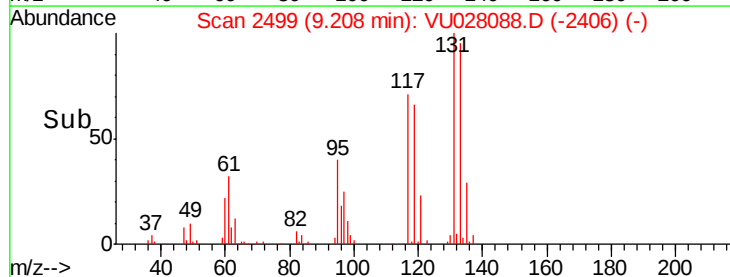
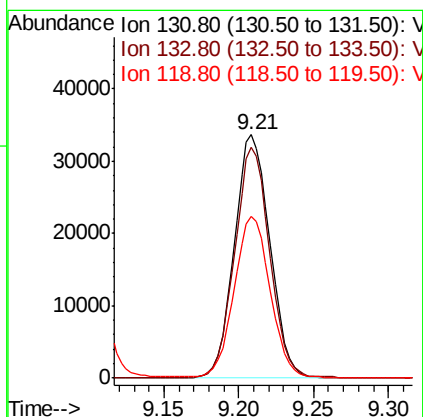
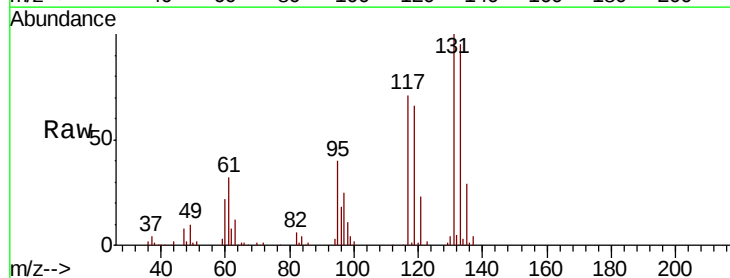
Instrument :
MSVOA_U
ClientSampleId :

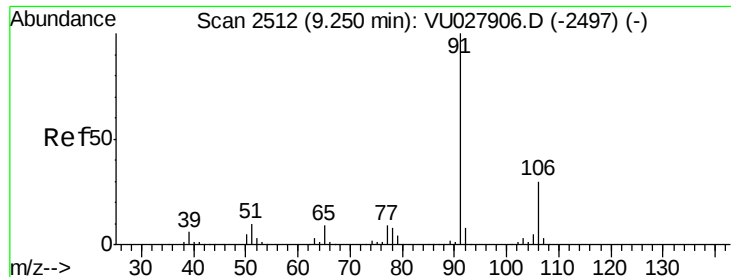
Tot Ion:112 Resp: 162685
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.173 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion:131 Resp: 55584
Ion Ratio Lower Upper
131 100
133 93.7 48.1 144.4
119 67.6 34.0 101.8

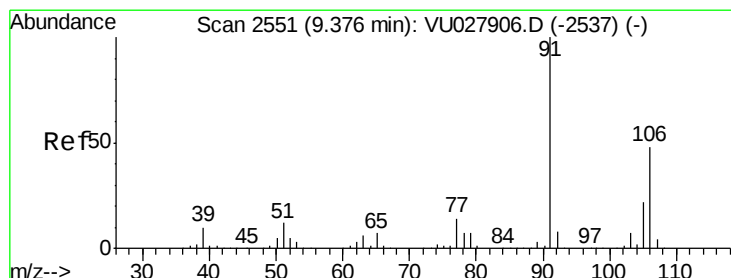
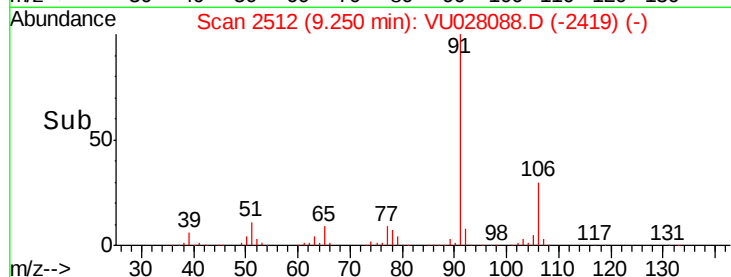
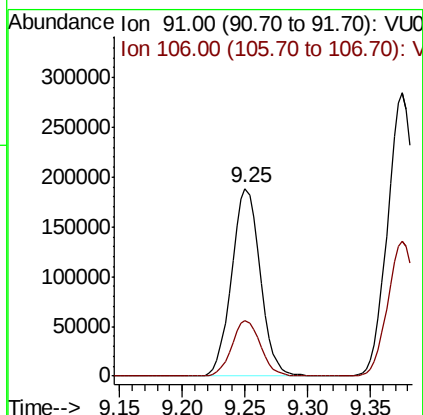
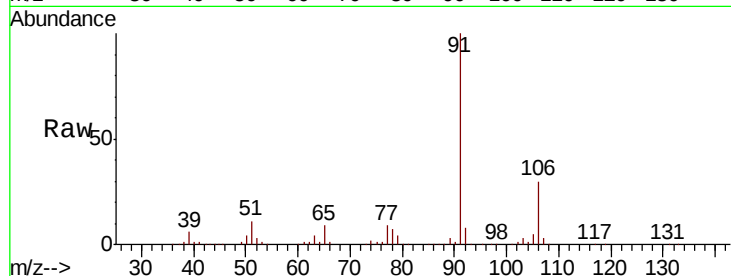




#67
Ethyl Benzene
Concen: 20.172 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

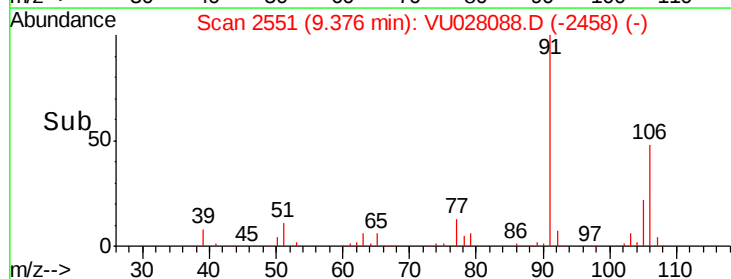
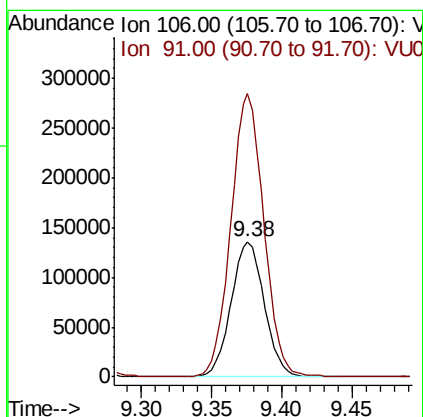
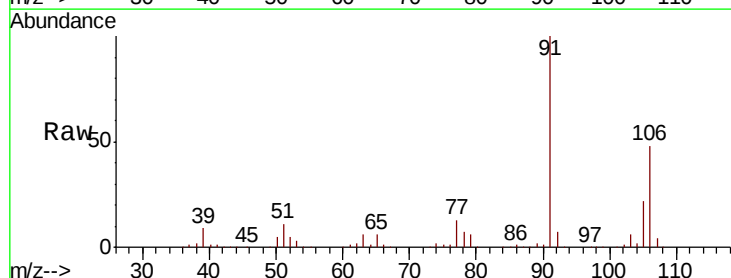
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 299520
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 41.555 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 106 Resp: 223885
Ion Ratio Lower Upper
106 100
91 207.8 168.2 252.4

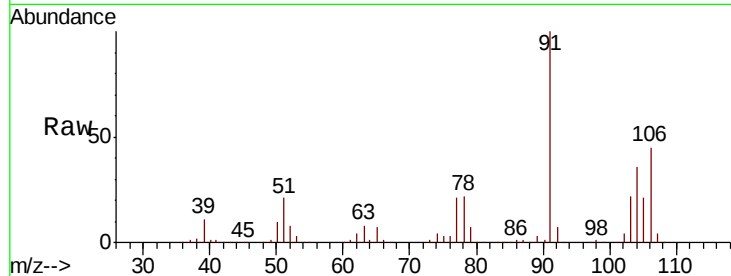




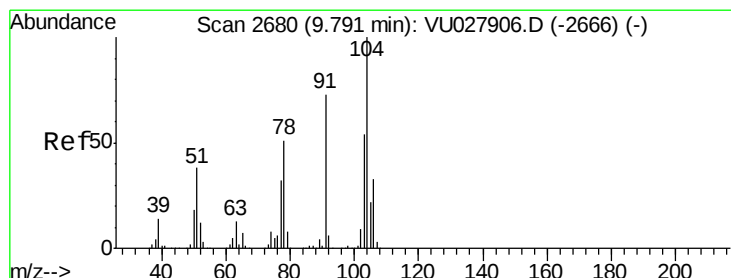
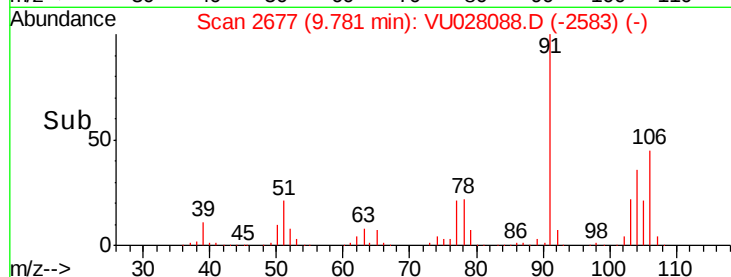
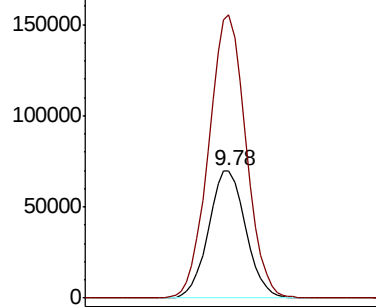
#69
o-Xylene
Concen: 19.978 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 108686
Ion Ratio Lower Upper
106 100
91 222.9 111.1 333.4

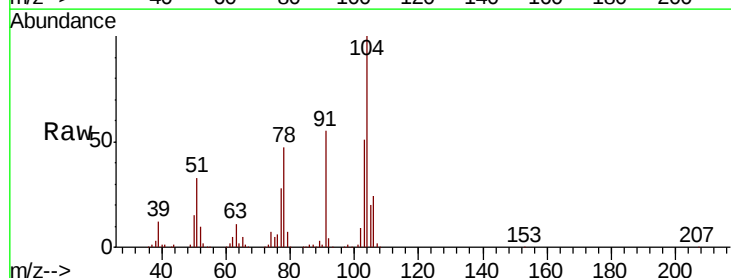


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

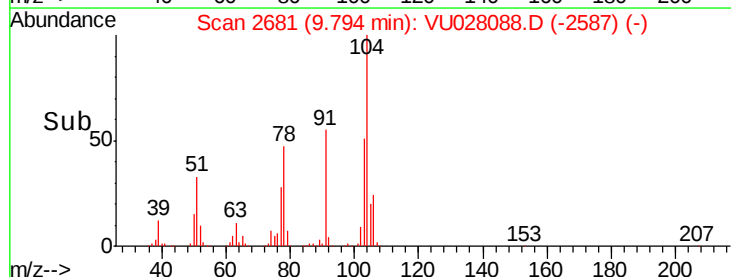
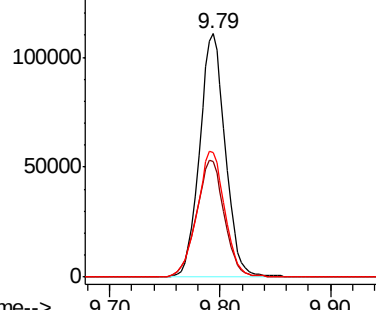


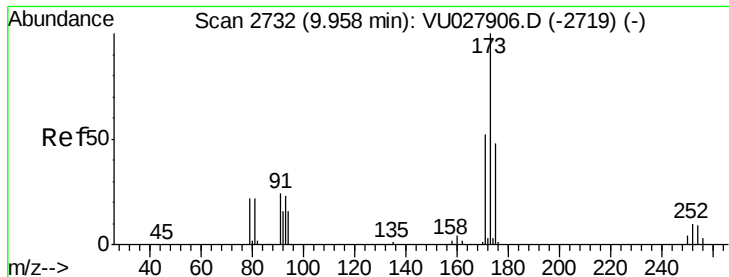
#70
Styrene
Concen: 20.543 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion:104 Resp: 178577
Ion Ratio Lower Upper
104 100
78 52.0 43.0 64.4
103 55.7 45.1 67.7



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: 19.848 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampleId :

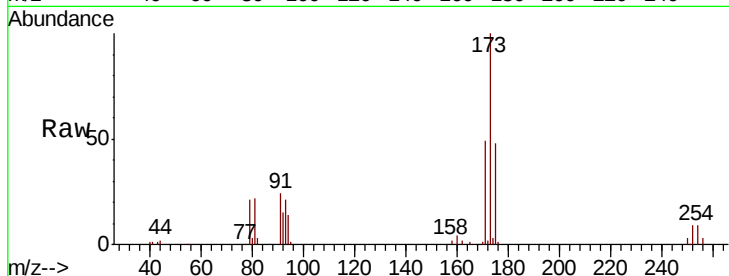
Tot Ion:173 Resp: 45834

Ion Ratio Lower Upper

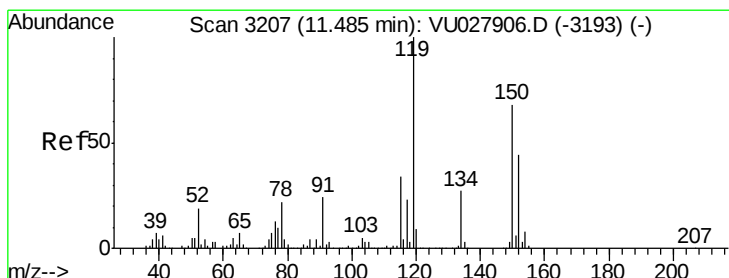
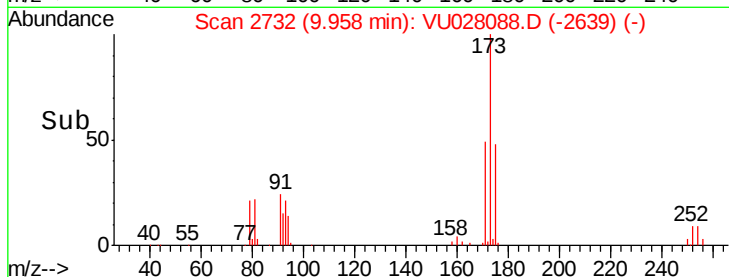
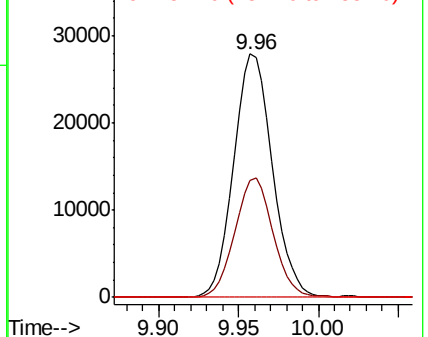
173 100

175 48.5 24.3 72.8

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# 3207

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

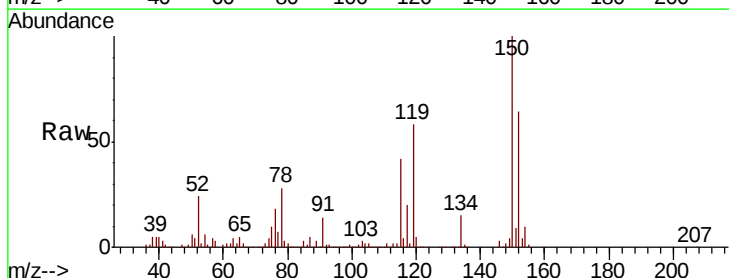
Tgt Ion:152 Resp: 192060

Ion Ratio Lower Upper

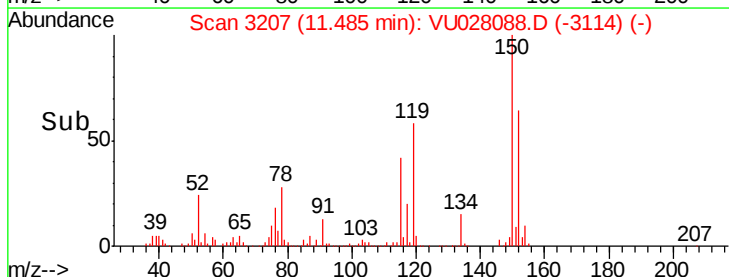
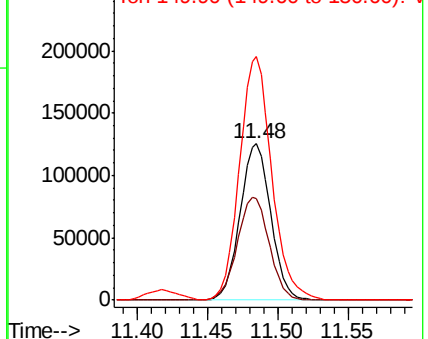
152 100

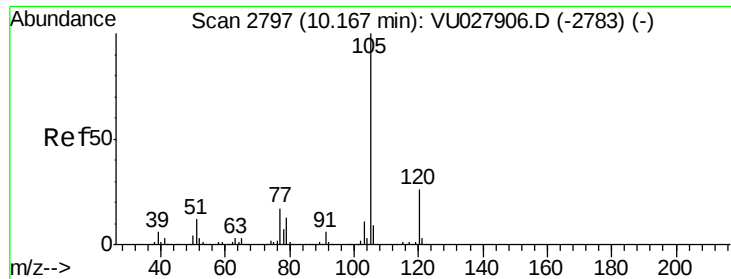
115 68.4 43.0 129.0

150 162.0 0.0 349.4



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





#73

Isopropylbenzene

Concen: 19.728 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

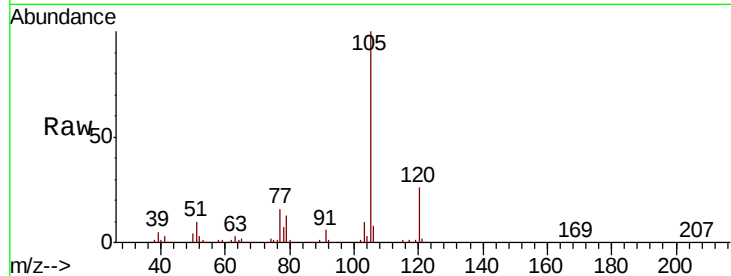
ClientSampleId :

Tot Ion:105 Resp: 293521

Ion Ratio Lower Upper

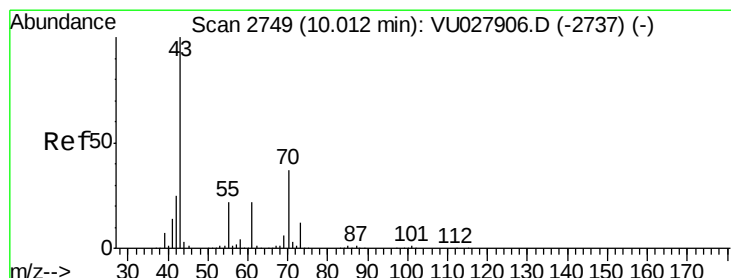
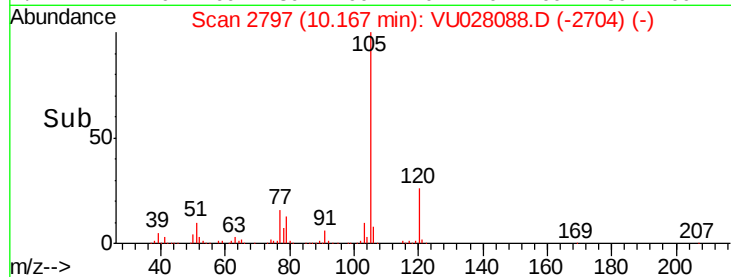
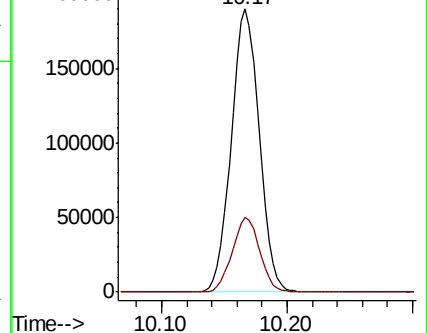
105 100

120 25.9 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.618 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Tgt Ion: 43 Resp: 167504

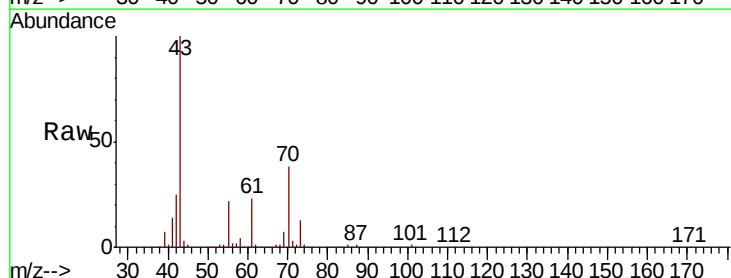
Ion Ratio Lower Upper

43 100

70 37.9 29.2 43.8

55 22.1 17.8 26.6

61 22.7 17.8 26.8

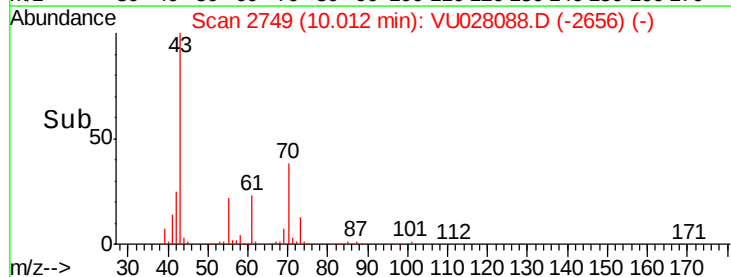
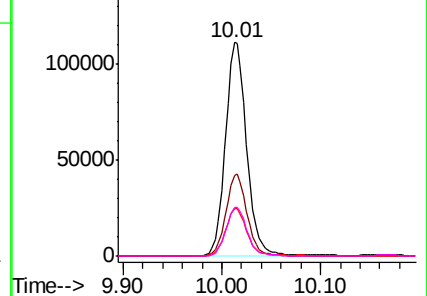


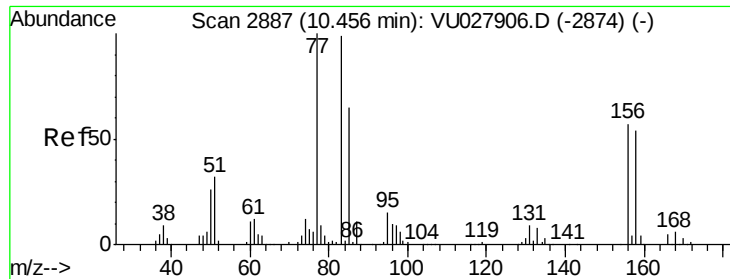
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.838 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampled :

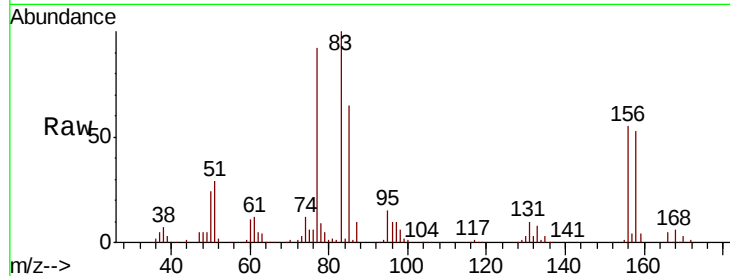
Tot Ion: 83 Resp: 113060

Ion Ratio Lower Upper

83 100

131 8.9 4.3 13.1

85 64.6 32.4 97.2

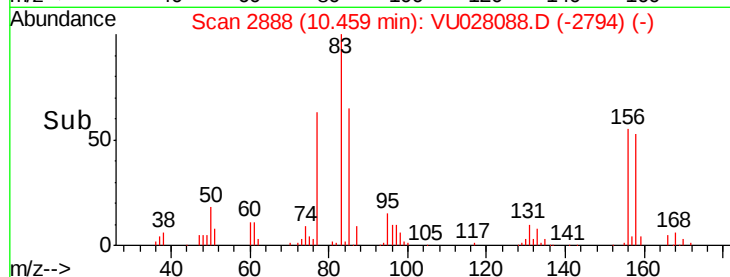


Abundance Ion 82.90 (82.60 to 83.60): VU027906.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027906.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027906.D (-2874) (-)

Time-->

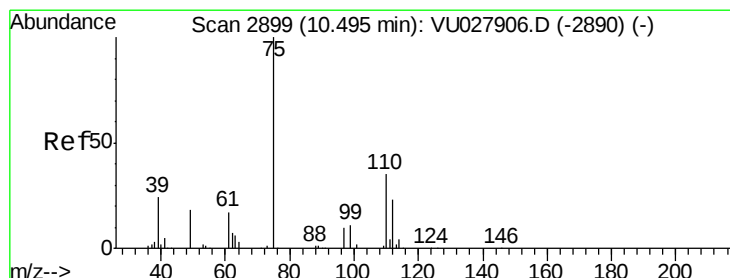


Abundance Ion 82.90 (82.60 to 83.60): VU028088.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU028088.D (-2794) (-)

Ion 84.90 (84.60 to 85.60): VU028088.D (-2794) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.962 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU028088.D

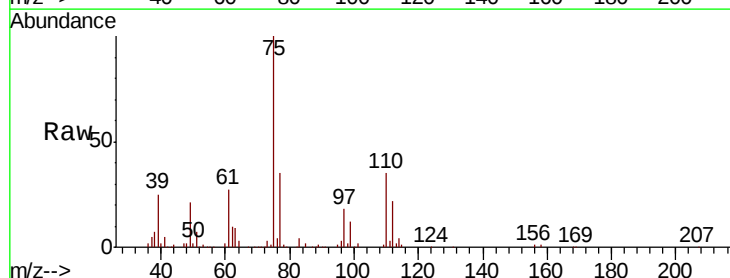
Acq: 13 Nov 2018 13:41

Tgt Ion: 75 Resp: 131134

Ion Ratio Lower Upper

75 100

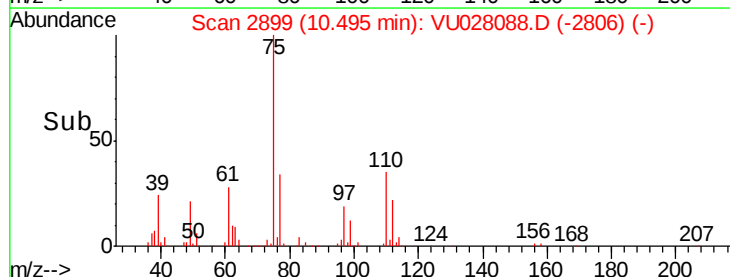
77 32.0 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027906.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027906.D (-2890) (-)

Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU028088.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU028088.D (-2806) (-)

Time-->



#77

Bromobenzene

Concen: 20.721 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampled :

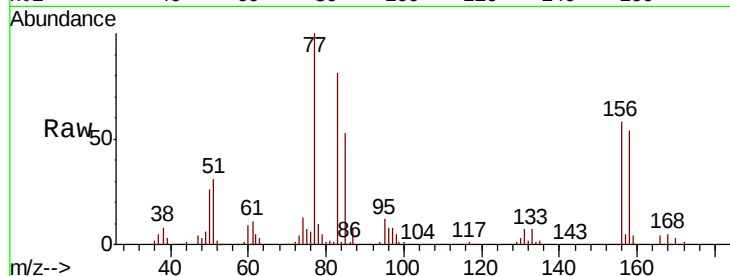
Tot Ion:156 Resp: 70695

Ion Ratio Lower Upper

156 100

77 174.6 91.8 275.6

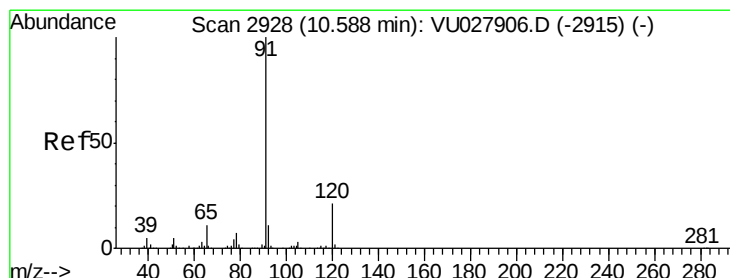
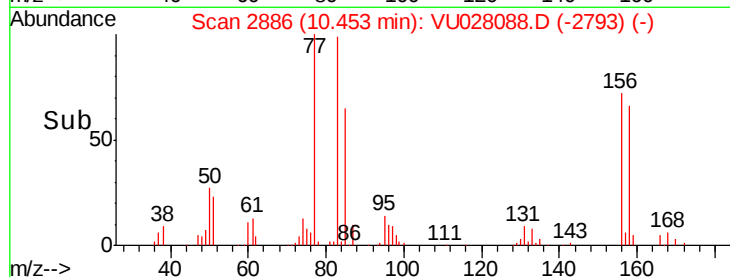
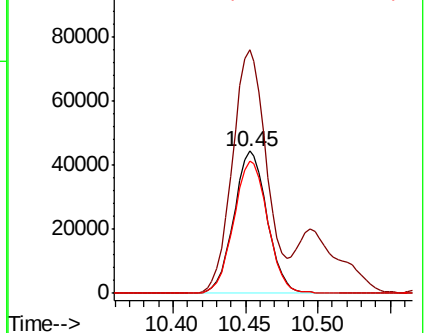
158 94.8 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.891 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU028088.D

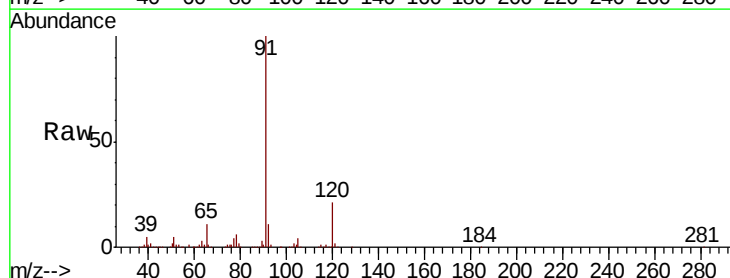
Acq: 13 Nov 2018 13:41

Tgt Ion: 91 Resp: 354258

Ion Ratio Lower Upper

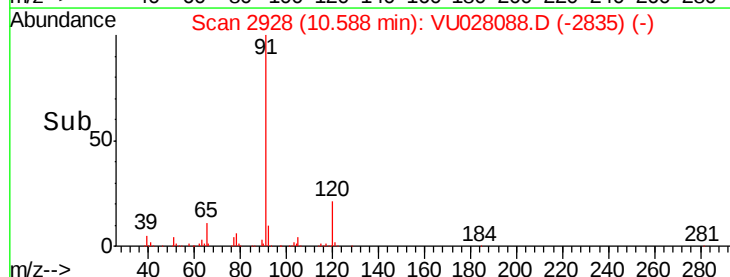
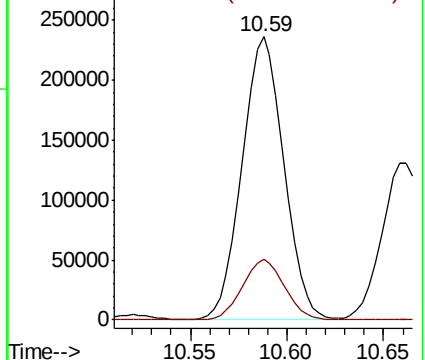
91 100

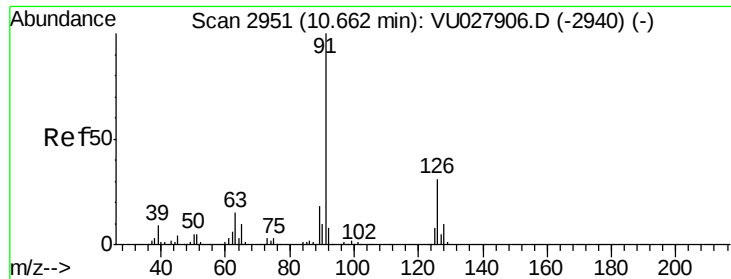
120 21.5 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.385 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

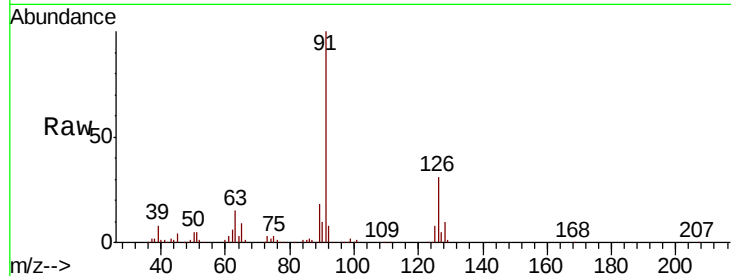
ClientSampled :

Tot Ion: 91 Resp: 206939

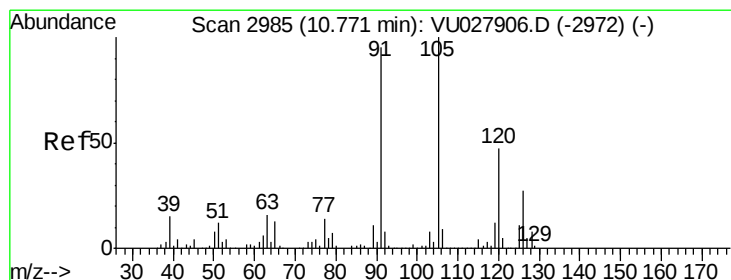
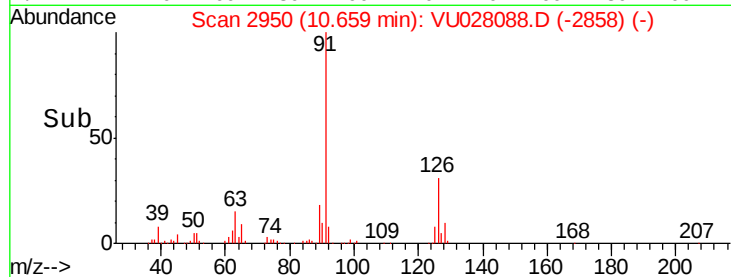
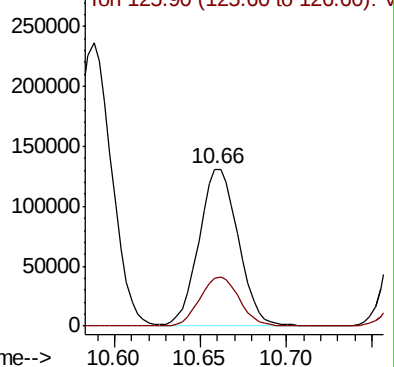
Ion Ratio Lower Upper

91 100

126 31.7 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.404 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028088.D

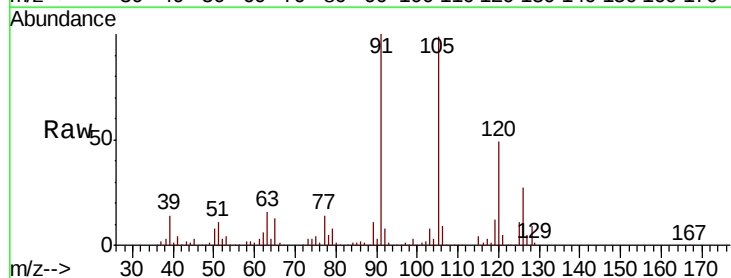
Acq: 13 Nov 2018 13:41

Tgt Ion:105 Resp: 239163

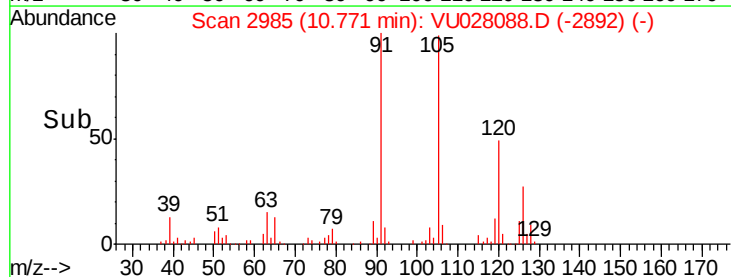
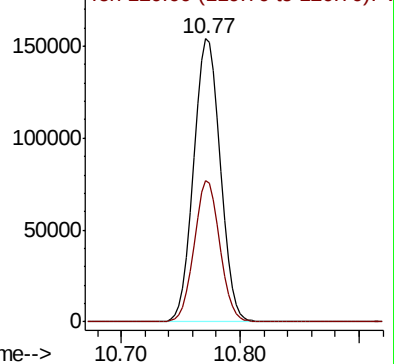
Ion Ratio Lower Upper

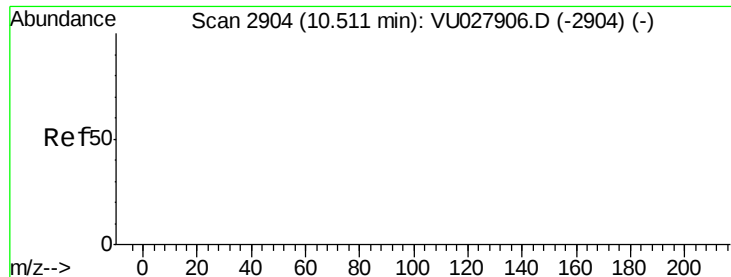
105 100

120 48.0 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VU027906.D (-2972) (-)

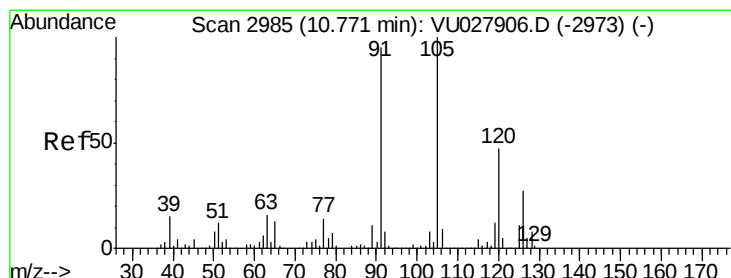
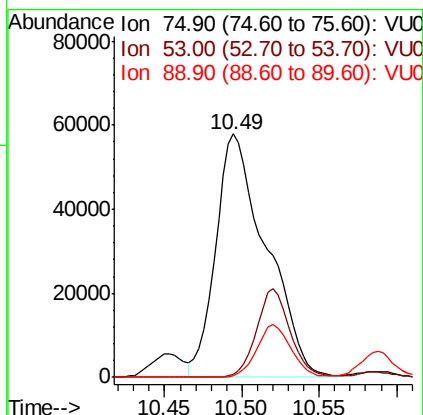
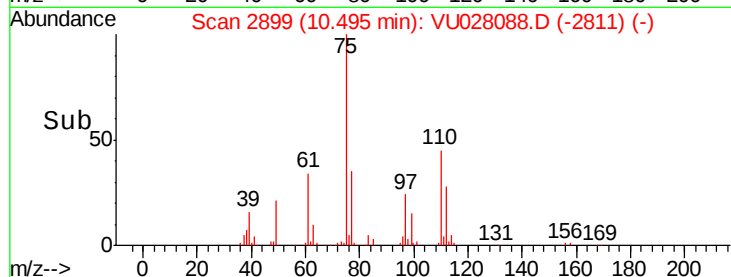
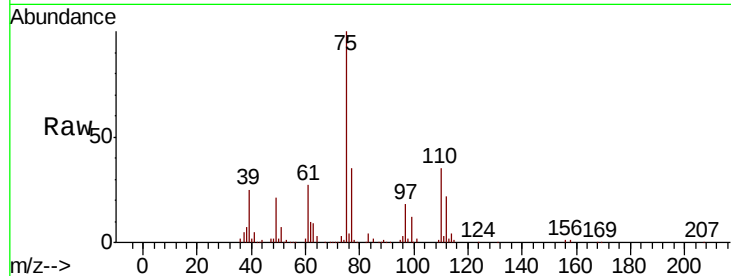




#81
trans-1,4-Dichloro-2-butene
Concen: 62.259 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

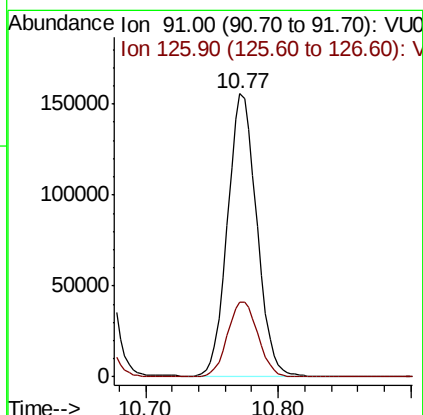
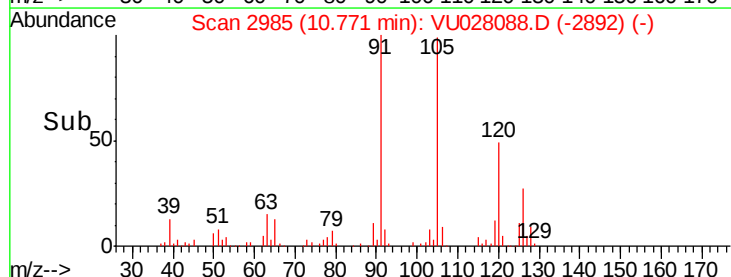
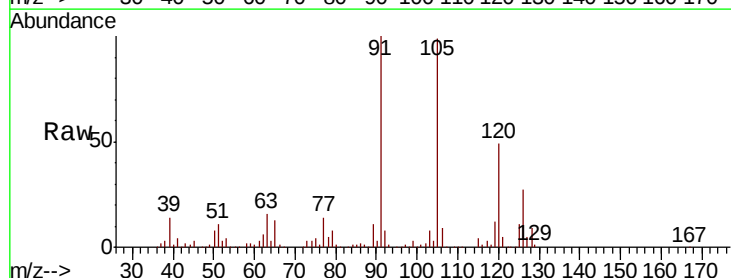
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 131134
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 19.580 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 91 Resp: 237298
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6

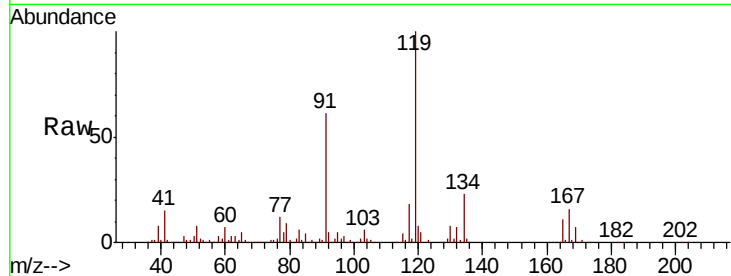




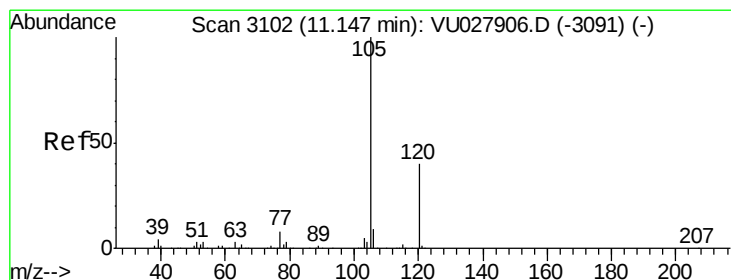
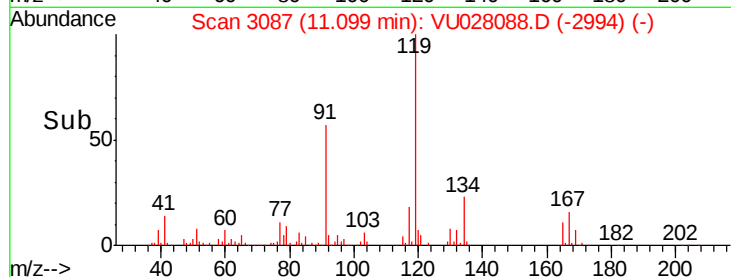
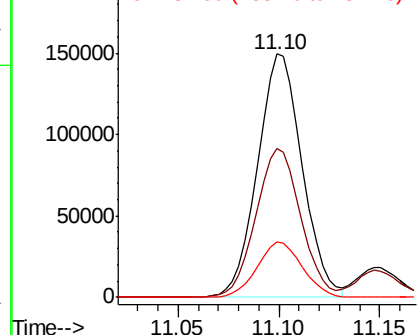
#83
 tert-Butylbenzene
 Concen: 18.810 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	29.8	89.3
134	22.9	11.1	33.1

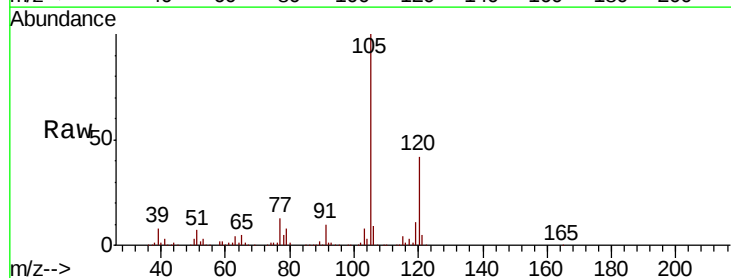


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

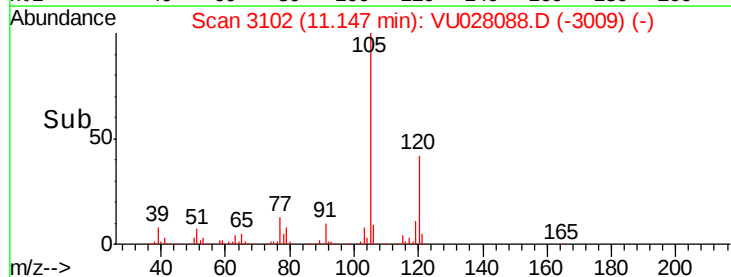
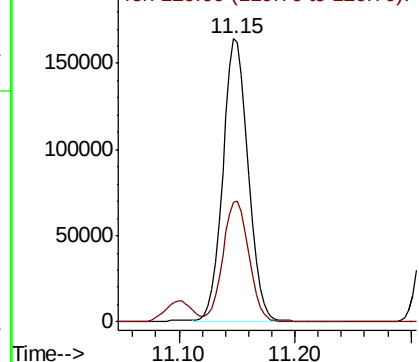


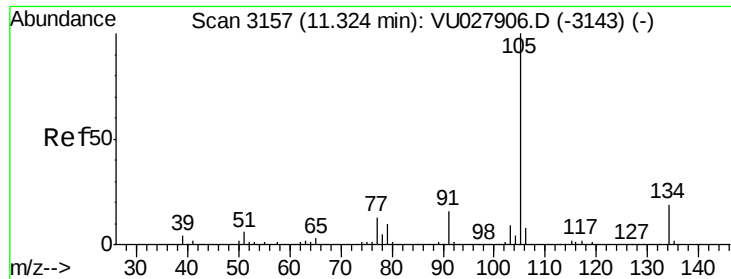
#84
 1,2,4-Trimethylbenzene
 Concen: 20.026 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.1



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





#85

sec-Butylbenzene

Concen: 20.221 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

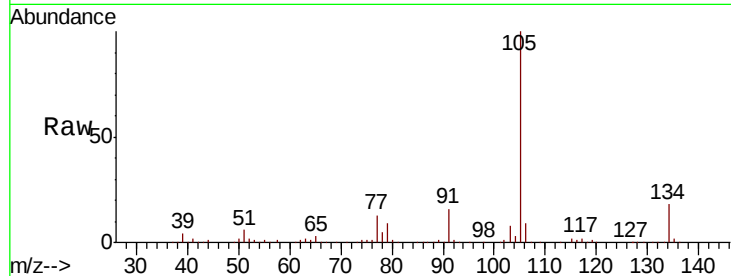
ClientSampleId :

Tot Ion:105 Resp: 303017

Ion Ratio Lower Upper

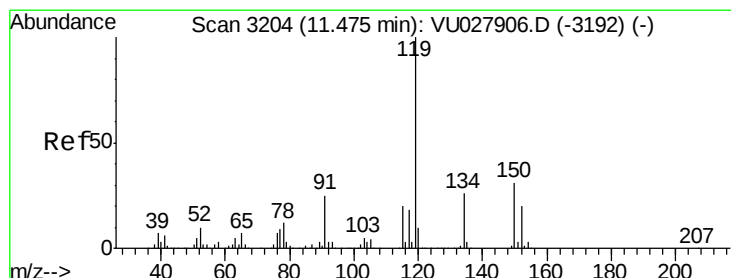
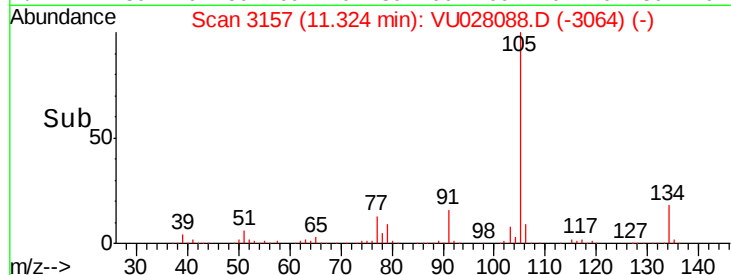
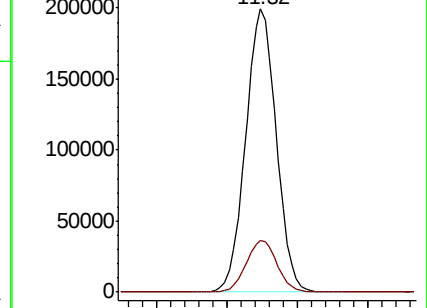
105 100

134 18.4 9.2 27.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.265 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

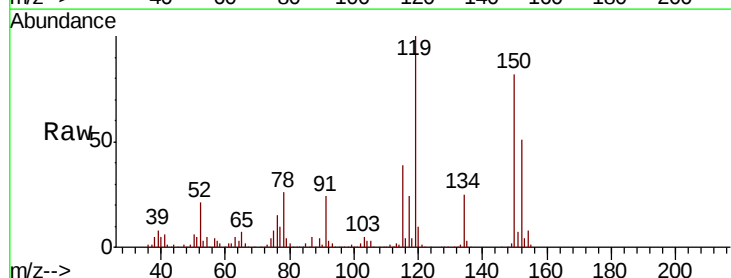
Tgt Ion:119 Resp: 253866

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

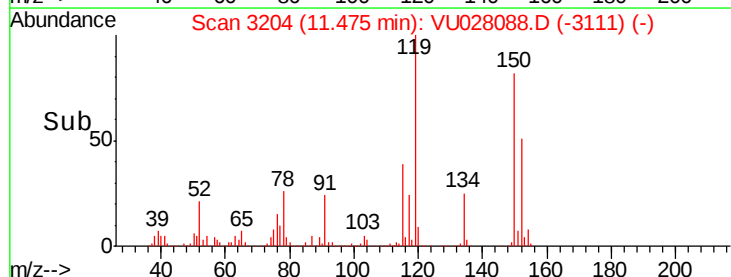
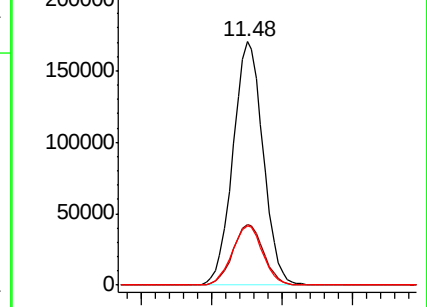
91 24.8 12.4 37.2

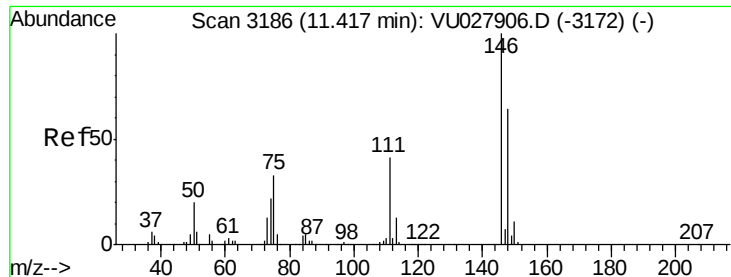


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 20.212 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampled :

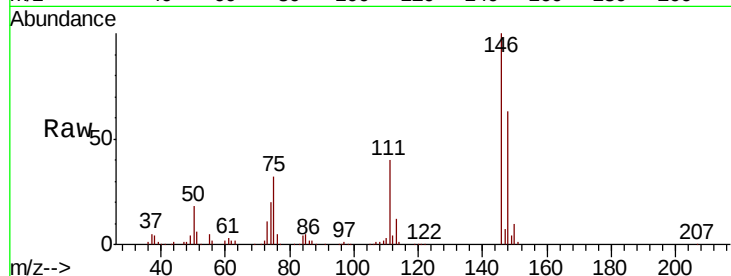
Tot Ion:146 Resp: 127385

Ion Ratio Lower Upper

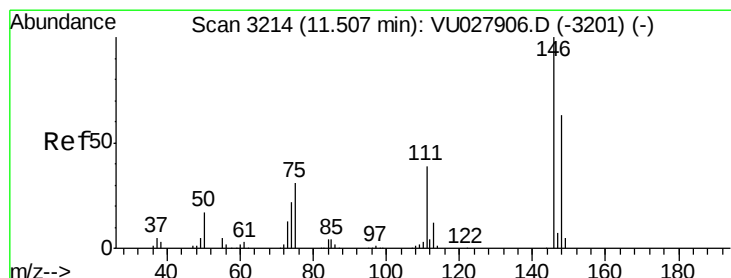
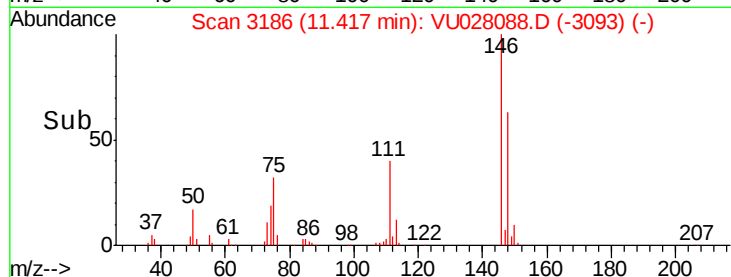
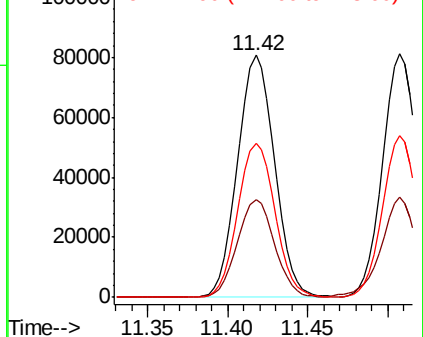
146 100

111 40.7 20.3 61.0

148 64.0 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 19.590 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

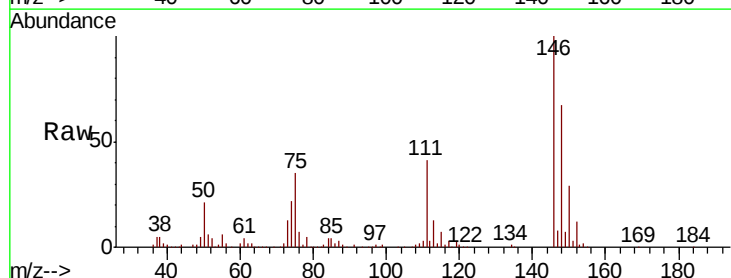
Tgt Ion:146 Resp: 126548

Ion Ratio Lower Upper

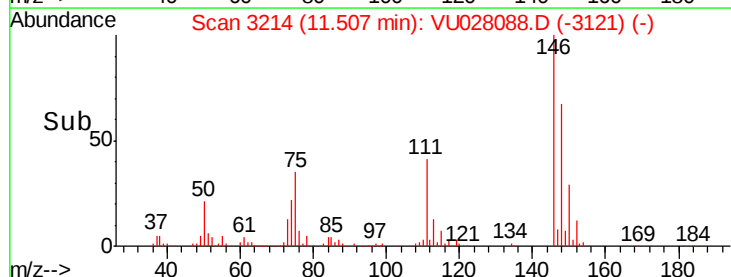
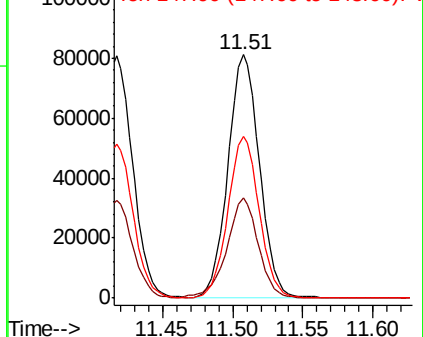
146 100

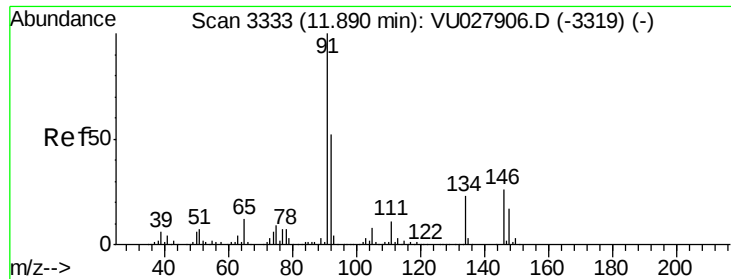
111 40.8 20.3 60.9

148 66.4 32.0 96.2



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

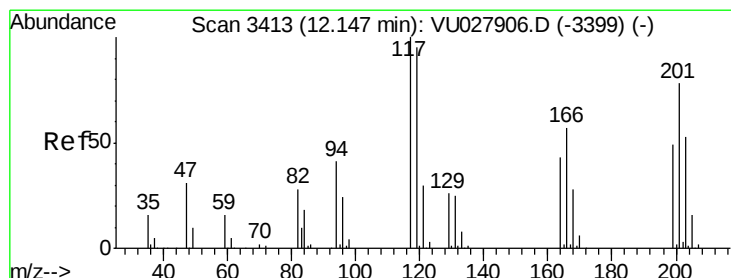
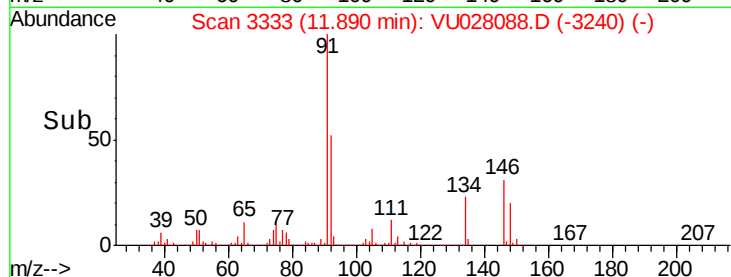
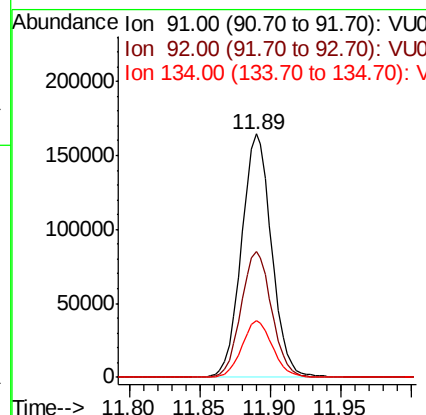
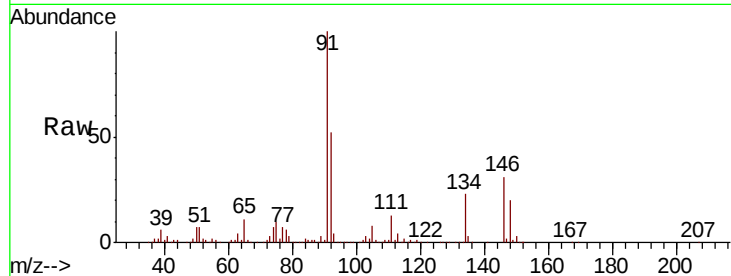




#89
n-Butylbenzene
Concen: 20.634 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

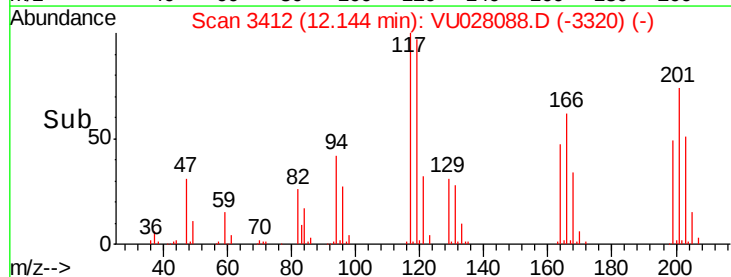
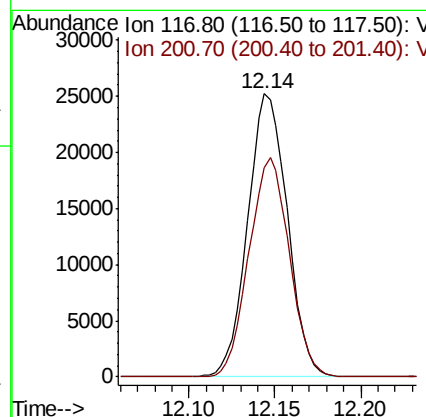
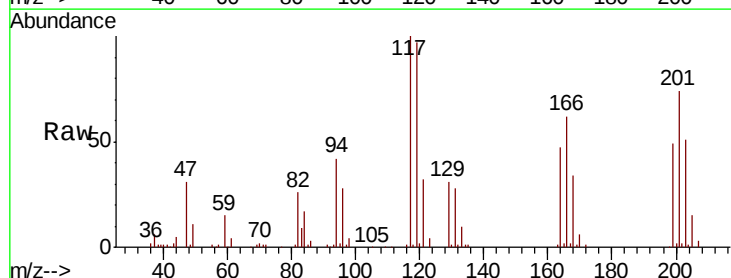
Instrument :
MSVOA_U
ClientSampled :

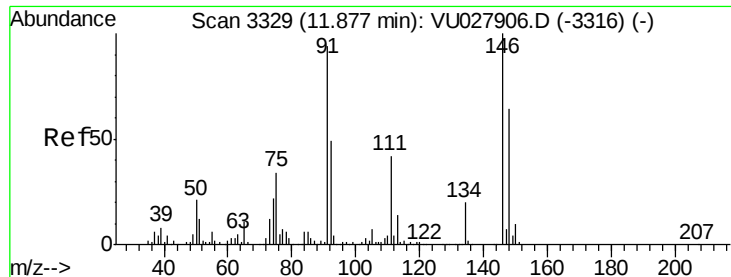
Tot Ion: 91 Resp: 245660
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 23.6 11.5 34.5



#90
Hexachloroethane
Concen: 18.130 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 117 Resp: 40436
Ion Ratio Lower Upper
117 100
201 78.8 38.5 115.5

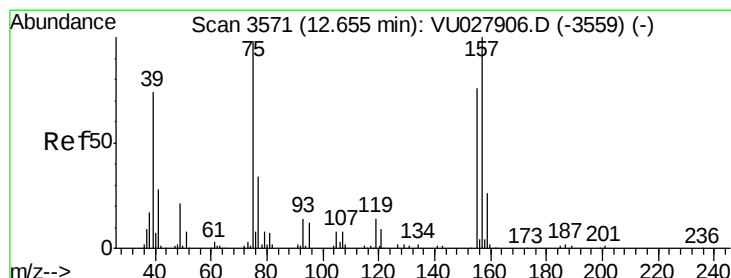
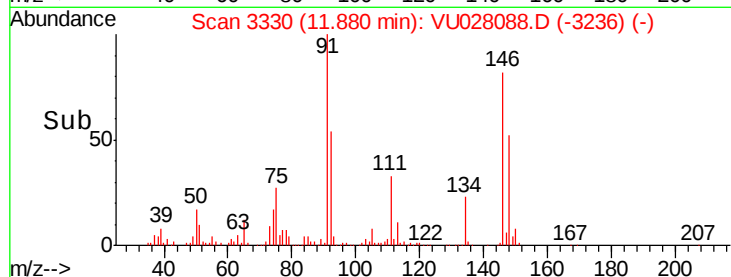
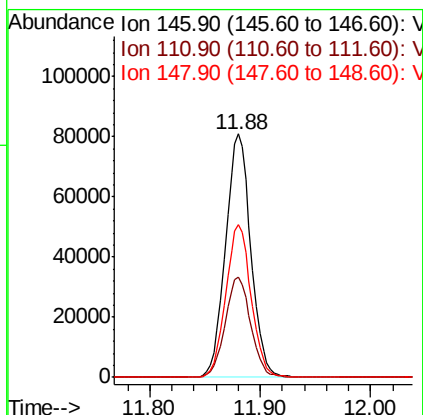
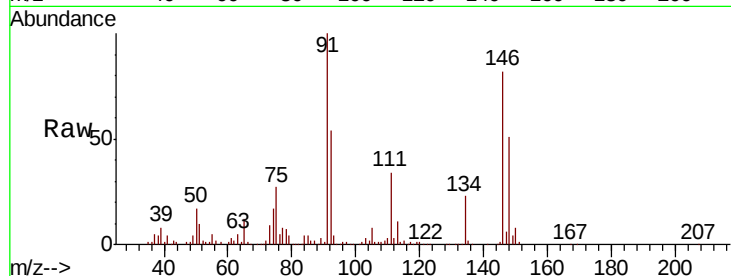




#91
 1,2-Dichlorobenzene
 Concen: 20.277 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

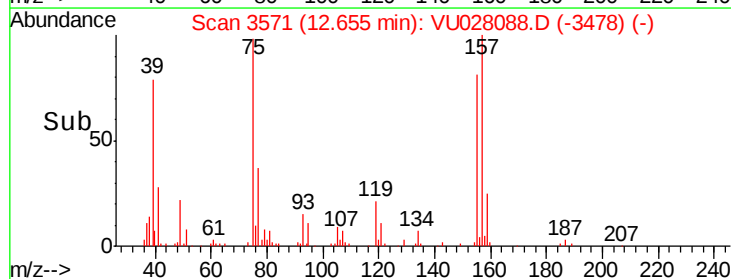
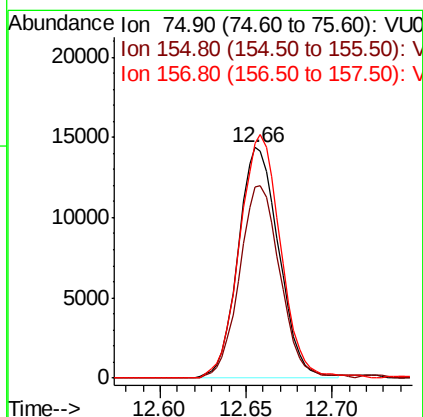
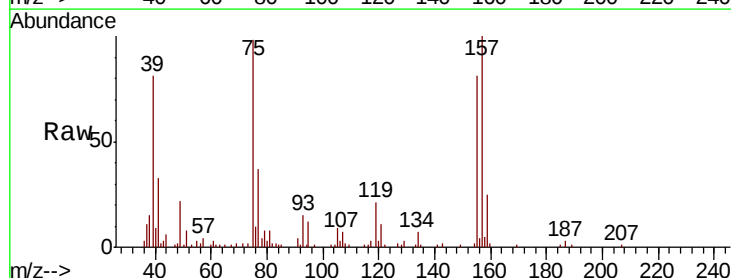
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 128513
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.3 64.0
 148 62.9 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.662 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU028088.D
 Acq: 13 Nov 2018 13:41

Tgt Ion: 75 Resp: 23600
 Ion Ratio Lower Upper
 75 100
 155 82.7 39.8 119.3
 157 106.2 50.6 151.9





#93

1,2,4-Trichlorobenzene

Concen: 20.781 ug/l

RT: 13.50 min Scan# 3835

Delta R.T. 0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampleId :

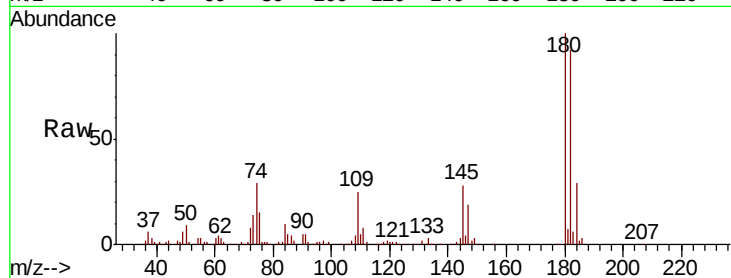
Tot Ion:180 Resp: 90568

Ion Ratio Lower Upper

180 100

182 93.8 48.4 145.2

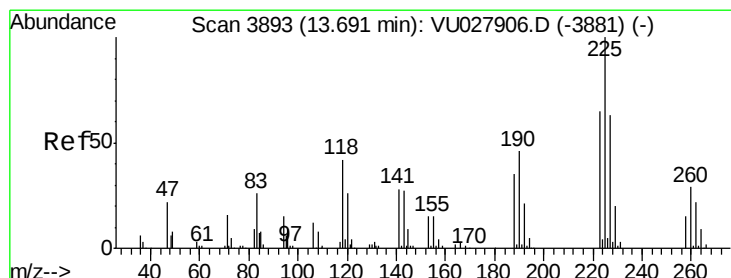
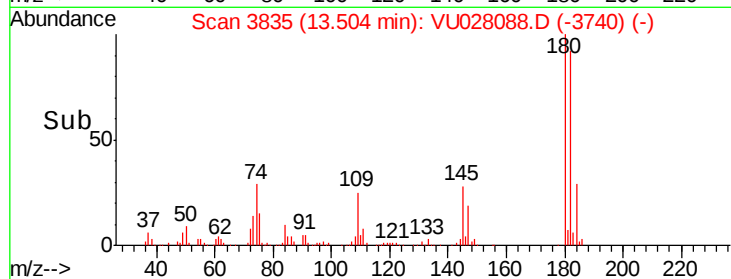
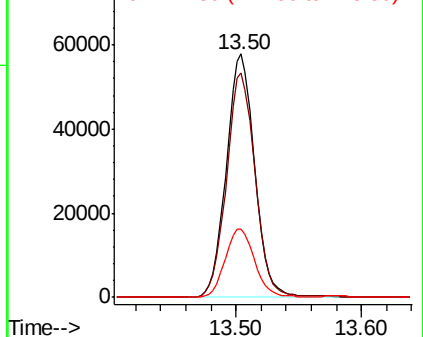
145 29.3 14.9 44.5



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: 20.349 ug/l

RT: 13.69 min Scan# 3894

Delta R.T. 0.00 min

Lab File: VU028088.D

Acq: 13 Nov 2018 13:41

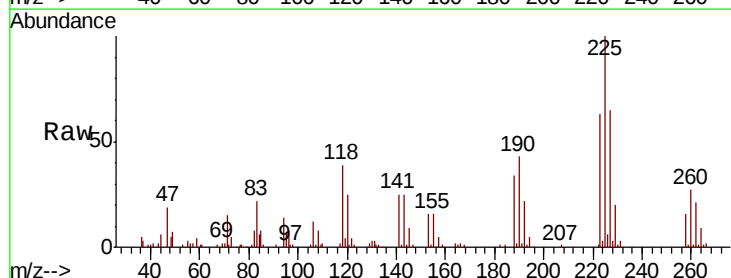
Tgt Ion:225 Resp: 40989

Ion Ratio Lower Upper

225 100

223 62.0 32.2 96.6

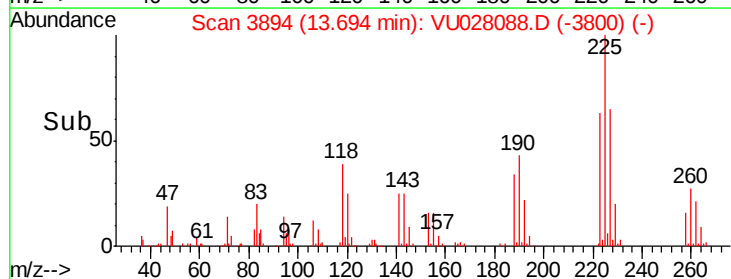
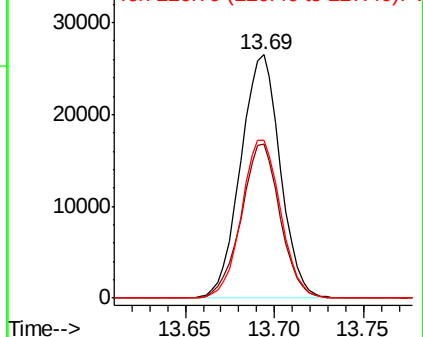
227 64.0 32.5 97.4

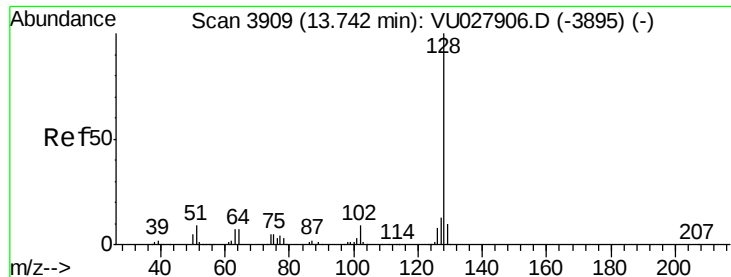


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

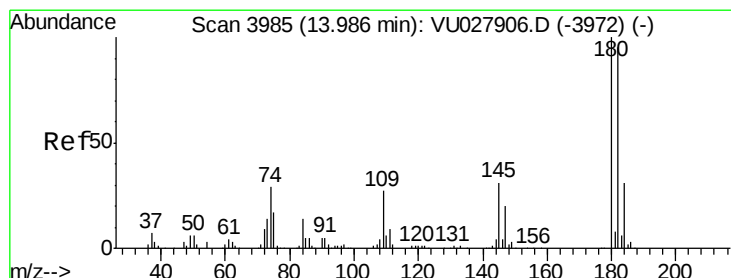
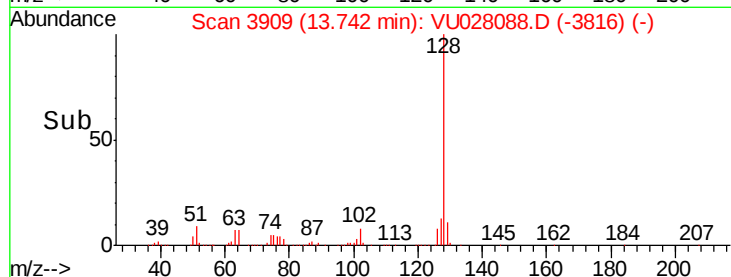
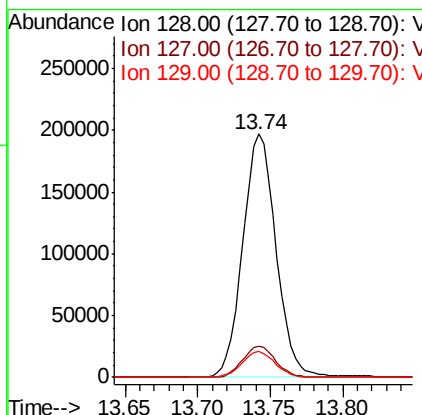
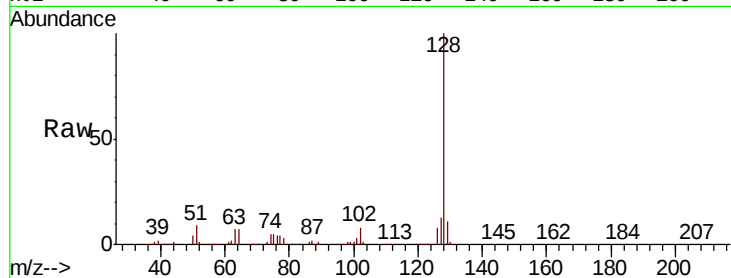




#95
Naphthalene
Concen: 19.822 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 314005
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 21.478 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028088.D
Acq: 13 Nov 2018 13:41

Tgt Ion:180 Resp: 91343
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.3
145 32.0 16.0 47.9

