

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110218\
 Data File : VU027903.D
 Acq On : 01 Nov 2018 18:02
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 01:50:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 01:48:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	163550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287252	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	107201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.32	65	3186	1.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.36%	
35) Dibromofluoromethane	4.89	113	2178	1.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.24%	
50) Toluene-d8	7.57	98	7279	1.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.00%	
62) 4-Bromofluorobenzene	10.31	95	3074	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	1771	0.768	ug/l	88
3) Chloromethane	1.33	50	2379	0.772	ug/l	90
4) Vinyl Chloride	1.40	62	2354	0.807	ug/l	93
5) Bromomethane	1.63	94	935	0.744	ug/l	98
6) Chloroethane	1.70	64	1353	0.769	ug/l #	81
7) Trichlorofluoromethane	1.89	101	2647	0.873	ug/l #	81
8) Diethyl Ether	2.10	74	1299	0.943	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1504	0.852	ug/l	89
10) Methyl Iodide	2.41	142	324	0.249	ug/l #	40
11) Tert butyl alcohol	2.83	59	3387	5.687	ug/l #	87
12) 1,1-Dichloroethene	2.29	96	1765	1.023	ug/l	91
13) Acrolein	2.20	56	2109	4.859	ug/l	91
14) Allyl chloride	2.59	41	3927	0.959	ug/l	96
15) Acrylonitrile	2.94	53	7055	4.633	ug/l	96
16) Acetone	2.32	43	9112	5.724	ug/l	95
17) Carbon Disulfide	2.48	76	5432	0.881	ug/l	97
18) Methyl Acetate	2.62	43	4757	1.261	ug/l	93
19) Methyl tert-butyl Ether	3.00	73	6679	0.962	ug/l	94
20) Methylene Chloride	2.71	84	2186	0.970	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	2075	1.063	ug/l #	81
22) Diisopropyl ether	3.58	45	8106	0.965	ug/l #	83
23) Vinyl Acetate	3.53	43	32475	4.427	ug/l	98
24) 1,1-Dichloroethane	3.45	63	4353	1.015	ug/l #	85
25) 2-Butanone	4.29	43	11022	4.916	ug/l	97
26) 2,2-Dichloropropane	4.23	77	3619	1.043	ug/l	78
27) cis-1,2-Dichloroethene	4.24	96	1951	0.871	ug/l	89
28) Bromochloromethane	4.55	49	1719	0.845	ug/l #	98
29) Tetrahydrofuran	4.65	42	8128	5.705	ug/l #	84
30) Chloroform	4.68	83	4081	1.067	ug/l	100
31) Cyclohexane	4.99	56	8456	1.691	ug/l #	39
32) 1,1,1-Trichloroethane	4.92	97	2676	0.834	ug/l #	50
36) 1,1-Dichloropropene	5.14	75	2961	0.955	ug/l #	90
37) Ethyl Acetate	4.40	43	4536	1.104	ug/l #	83
38) Carbon Tetrachloride	5.14	117	2606	0.931	ug/l	93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	3390	0.933	ug/l	96
40) Benzene	5.40	78	8362	0.914	ug/l	97
41) Methacrylonitrile	4.56	41	1852	0.800	ug/l #	78
42) 1,2-Dichloroethane	5.42	62	3235	0.964	ug/l #	76
43) Isopropyl Acetate	5.56	43	6604	1.038	ug/l #	87
44) Trichloroethene	6.19	130	1859	0.919	ug/l	79
45) 1,2-Dichloropropane	6.44	63	2466	0.938	ug/l	99
46) Dibromomethane	6.57	93	1355	0.912	ug/l	97
47) Bromodichloromethane	6.76	83	2517	0.823	ug/l #	97
48) Methyl methacrylate	6.64	41	2840	0.897	ug/l #	82
49) 1,4-Dioxane	6.62	88	773	14.317	ug/l #	81
51) 4-Methyl-2-Pentanone	7.47	43	21126	5.080	ug/l	95
52) Toluene	7.64	92	5043	0.936	ug/l	88
53) t-1,3-Dichloropropene	7.89	75	2468	0.689	ug/l	99
54) cis-1,3-Dichloropropene	7.28	75	2943	0.764	ug/l	93
55) 1,1,2-Trichloroethane	8.07	97	2031	0.951	ug/l #	84
56) Ethyl methacrylate	8.03	69	3047	0.850	ug/l	97
57) 1,3-Dichloropropane	8.25	76	3542	0.857	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.13	63	9133	4.651	ug/l	95
59) 2-Hexanone	8.37	43	14921	4.615	ug/l	95
60) Dibromochloromethane	8.48	129	1569	0.731	ug/l	93
61) 1,2-Dibromoethane	8.59	107	1971	0.859	ug/l	89
64) Tetrachloroethene	8.23	164	1757	1.113	ug/l	85
65) Chlorobenzene	9.12	112	5208	0.972	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.21	131	1602	0.868	ug/l #	48
67) Ethyl Benzene	9.25	91	8966	0.943	ug/l	97
68) m/p-Xylenes	9.38	106	6540	1.887	ug/l	97
69) o-Xylene	9.78	106	3513	1.062	ug/l	94
70) Styrene	9.80	104	4800	0.883	ug/l	91
71) Bromoform	9.96	173	1360	0.907	ug/l #	81
73) Isopropylbenzene	10.17	105	8627	1.107	ug/l	98
74) N-amyl acetate	10.02	43	4681	1.028	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	3401	1.094	ug/l #	94
76) 1,2,3-Trichloropropane	10.50	75	2836	1.020	ug/l	88
77) Bromobenzene	10.46	156	1647	0.900	ug/l	85
78) n-propylbenzene	10.59	91	9501	1.013	ug/l	99
79) 2-Chlorotoluene	10.66	91	5916	1.045	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	6391	1.001	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	2836	2.637	ug/l #	100
82) 4-Chlorotoluene	10.78	91	6586	1.028	ug/l	90
83) tert-Butylbenzene	11.10	119	7218	1.169	ug/l	94
84) 1,2,4-Trimethylbenzene	11.15	105	6652	1.023	ug/l	99
85) sec-Butylbenzene	11.33	105	7901	1.017	ug/l	94
86) p-Isopropyltoluene	11.48	119	6429	0.972	ug/l	92
87) 1,3-Dichlorobenzene	11.42	146	3394	0.987	ug/l	92
88) 1,4-Dichlorobenzene	11.42	146	3394	0.966	ug/l	92
89) n-Butylbenzene	11.89	91	5365	0.864	ug/l	95
90) Hexachloroethane	12.15	117	1206	0.969	ug/l	79
91) 1,2-Dichlorobenzene	11.88	146	3211	0.954	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.66	75	535	0.784	ug/l	87

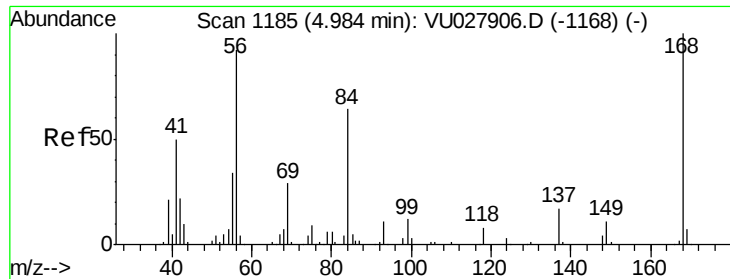
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	1516	0.695	ug/l	87
94) Hexachlorobutadiene	13.69	225	984	0.898	ug/l	80
95) Naphthalene	13.75	128	4843	0.652	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.99	180	1505	0.660	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

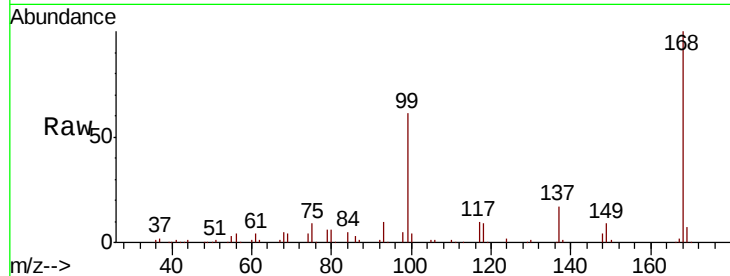
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 168 Resp: 163550

Ion Ratio Lower Upper

168 100

99 60.1 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027903.D (-1092) (-)

4.98

80000

60000

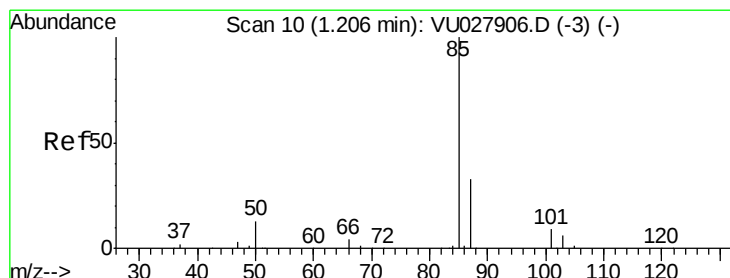
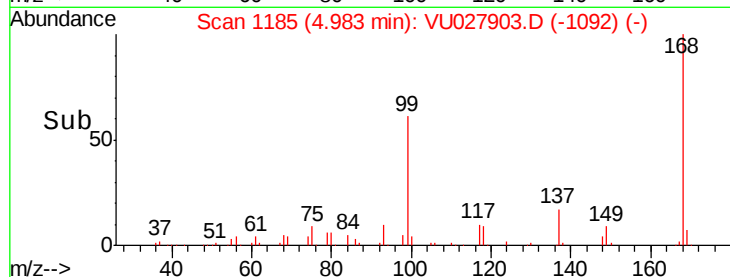
40000

20000

0

Time-->

4.90 4.95 5.00 5.05



#2

Dichlorodifluoromethane

Concen: 0.768 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027903.D

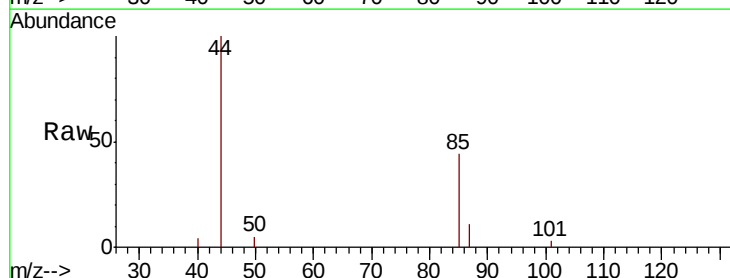
Acq: 01 Nov 2018 18:02

Tgt Ion: 85 Resp: 1771

Ion Ratio Lower Upper

85 100

87 26.1 16.5 49.5



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

Ion 86.90 (86.60 to 87.60): VU027903.D (-1) (-)

1.21

2000

1500

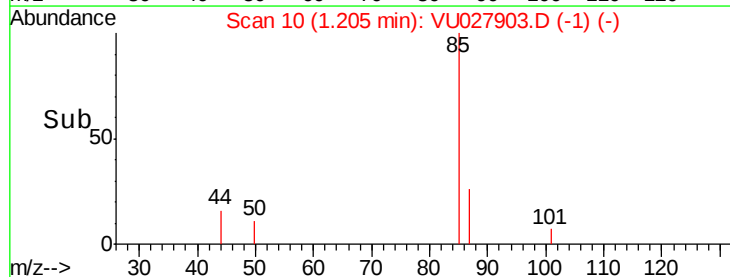
1000

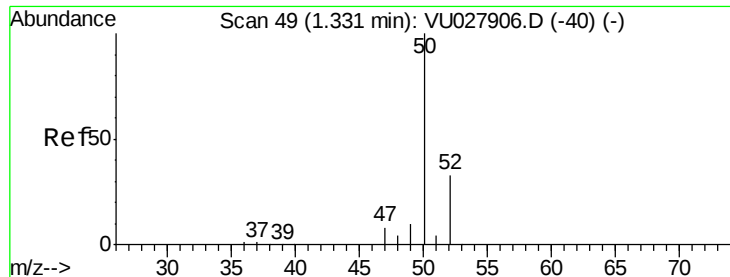
500

0

Time-->

1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: 0.772 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

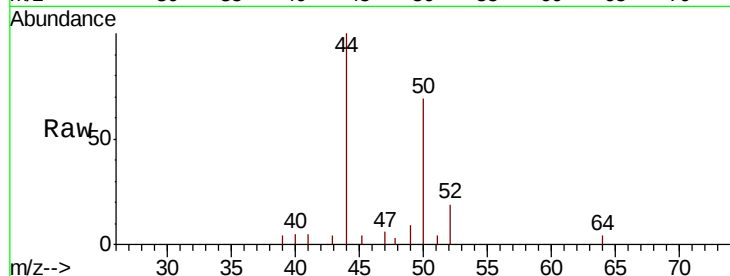
ClientSampled :

Tgt Ion: 50 Resp: 2379

Ion Ratio Lower Upper

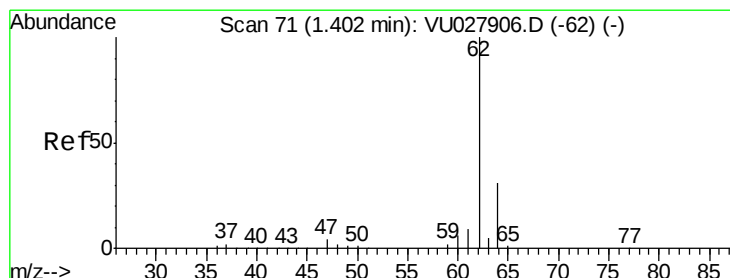
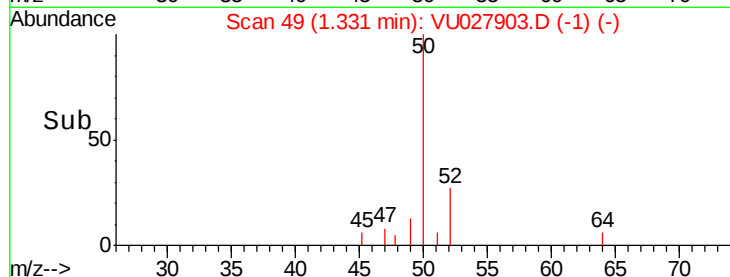
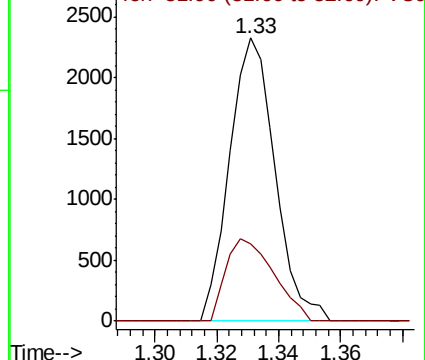
50 100

52 27.4 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU027903.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU027903.D (-1) (-)



#4

Vinyl Chloride

Concen: 0.807 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027903.D

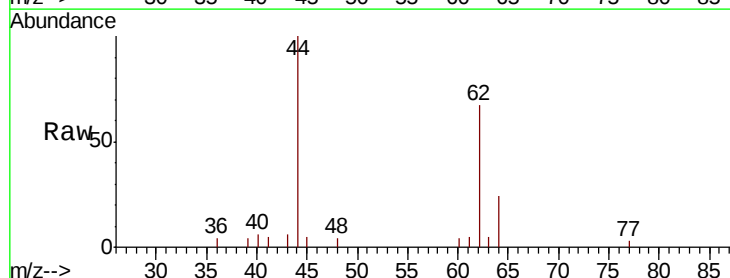
Acq: 01 Nov 2018 18:02

Tgt Ion: 62 Resp: 2354

Ion Ratio Lower Upper

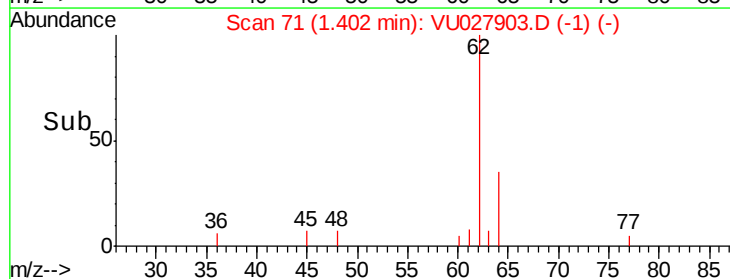
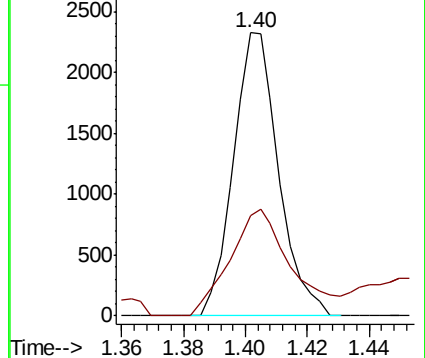
62 100

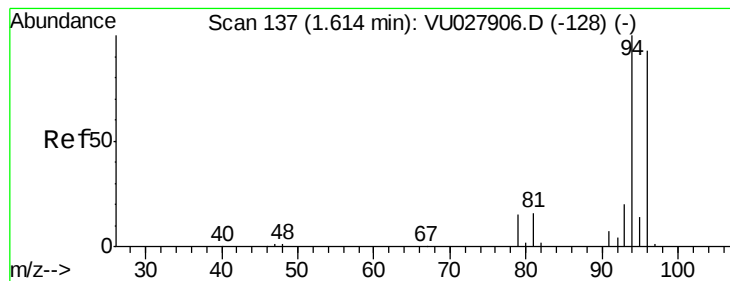
64 35.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027903.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU027903.D (-1) (-)





#5

Bromomethane

Concen: 0.744 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.02 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

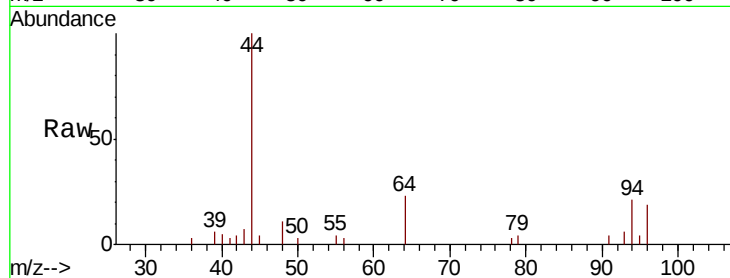
ClientSampleId :

Tgt Ion: 94 Resp: 935

Ion Ratio Lower Upper

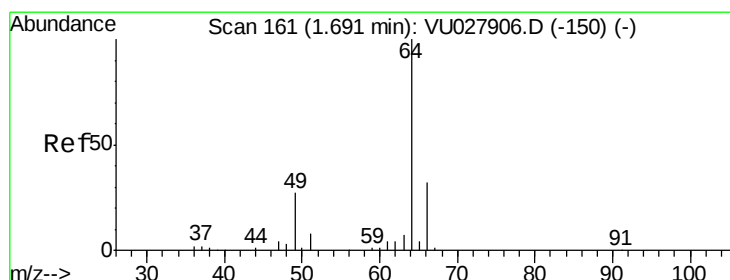
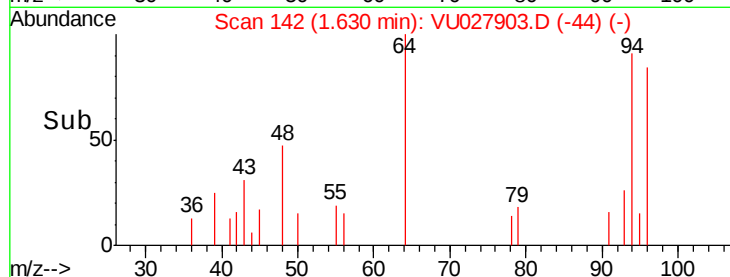
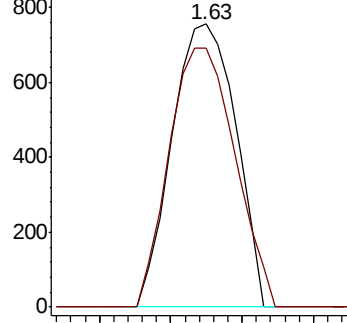
94 100

96 91.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 0.769 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU027903.D

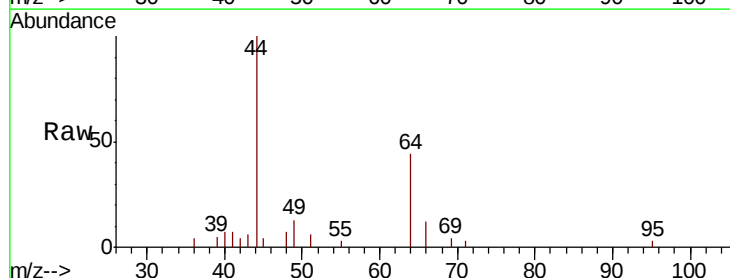
Acq: 01 Nov 2018 18:02

Tgt Ion: 64 Resp: 1353

Ion Ratio Lower Upper

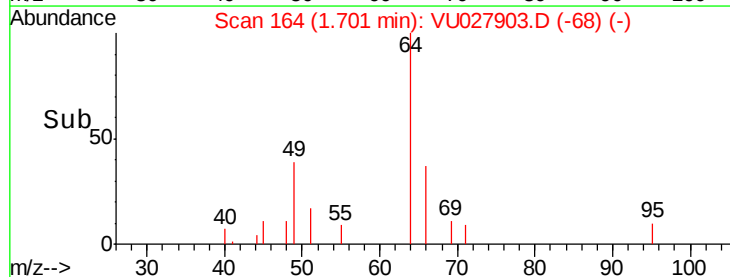
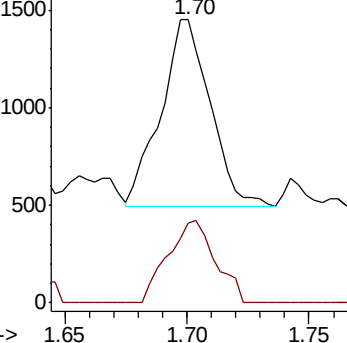
64 100

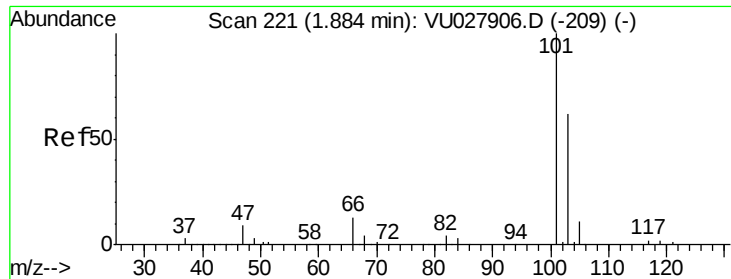
66 43.1 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 0.873 ug/l

RT: 1.89 min Scan# 222

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

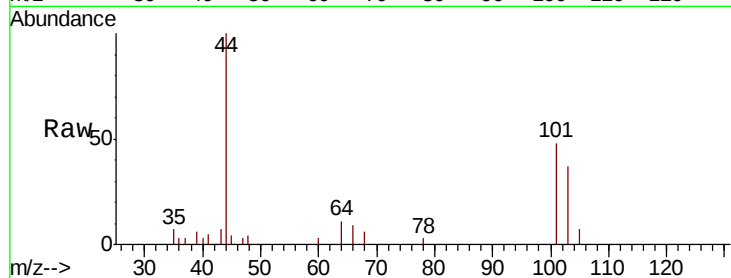
ClientSampleId :

Tgt Ion: 101 Resp: 2647

Ion Ratio Lower Upper

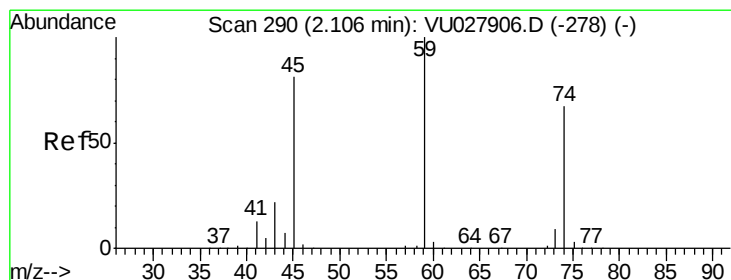
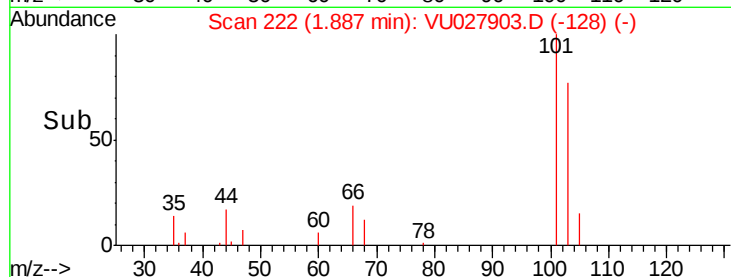
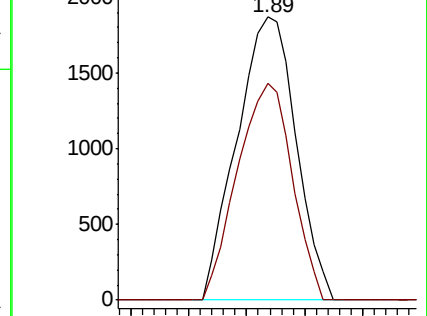
101 100

103 76.7 49.4 74.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.943 ug/l

RT: 2.10 min Scan# 289

Delta R.T. -0.00 min

Lab File: VU027903.D

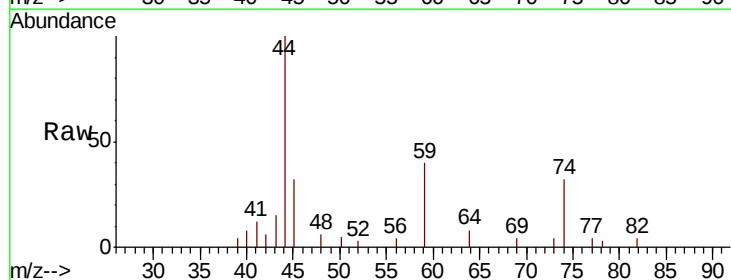
Acq: 01 Nov 2018 18:02

Tgt Ion: 74 Resp: 1299

Ion Ratio Lower Upper

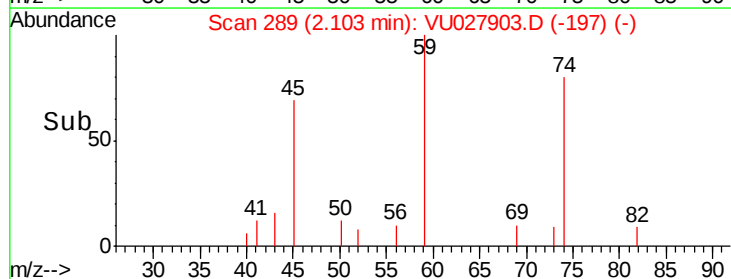
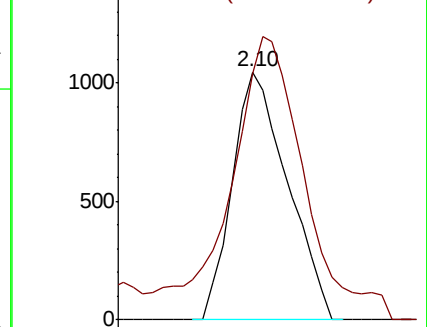
74 100

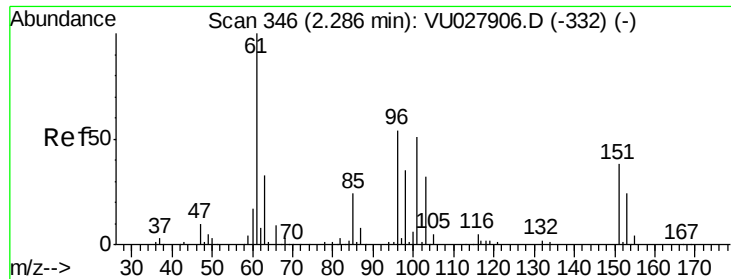
45 153.3 60.5 181.5



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.852 ug/l

RT: 2.29 min Scan# 348

Delta R.T. 0.01 min

Lab File: VU027903.D

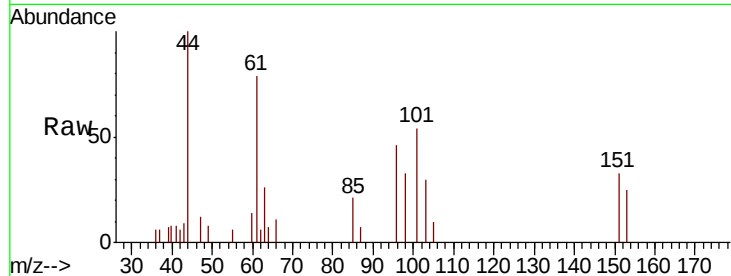
Acq: 01 Nov 2018 18:02

Instrument :

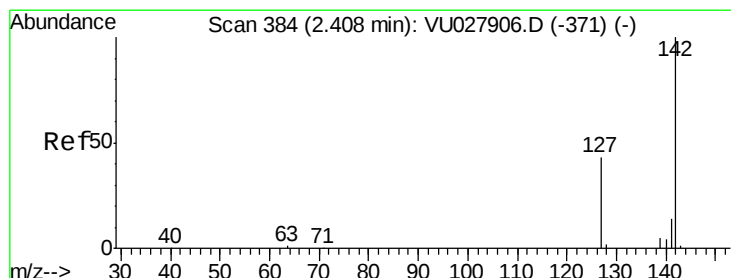
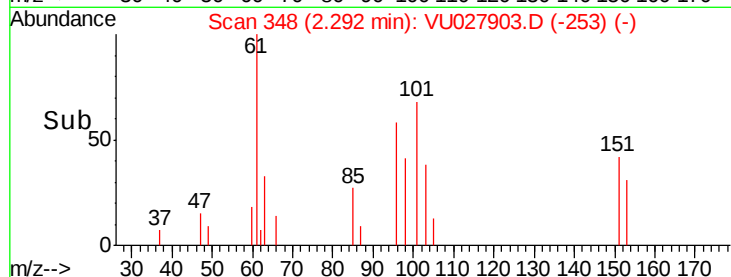
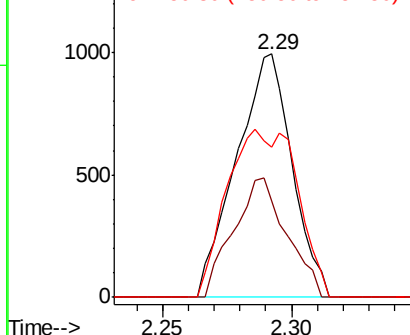
MSVOA_X

ClientSampleId :

Tgt Ion:	101	Resp:	1504
Ion	Ratio	Lower	Upper
101	100		
85	46.5	36.9	55.3
151	86.9	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: 0.249 ug/l

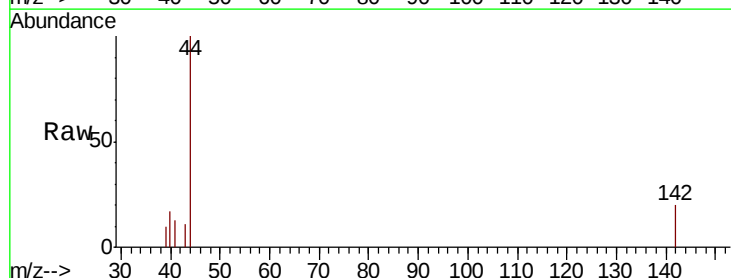
RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

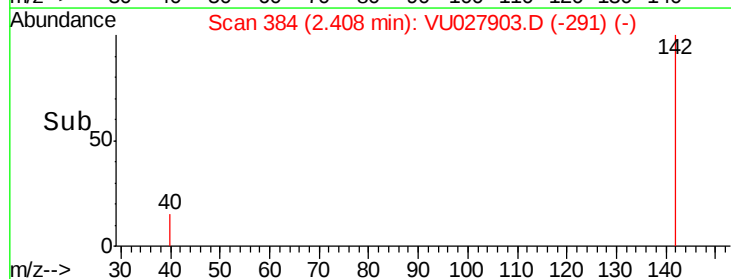
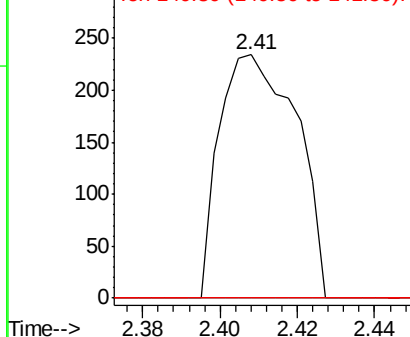
Lab File: VU027903.D

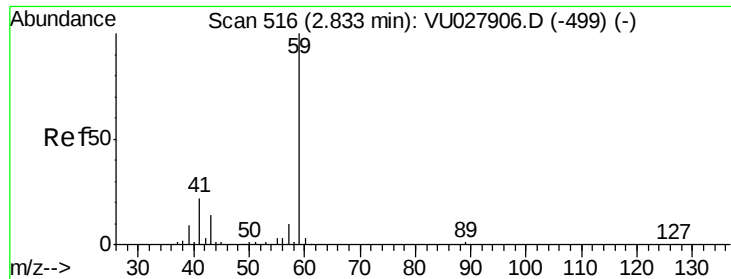
Acq: 01 Nov 2018 18:02

Tgt Ion:	142	Resp:	324
Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.2	52.8#
141	0.0	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

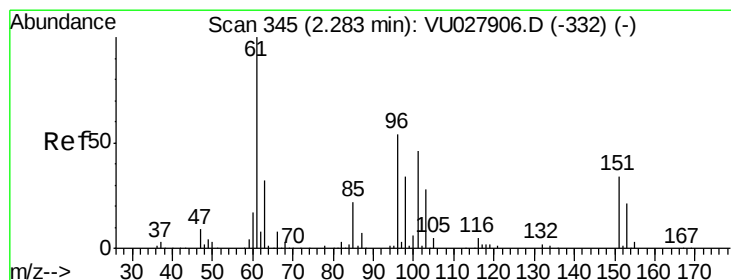
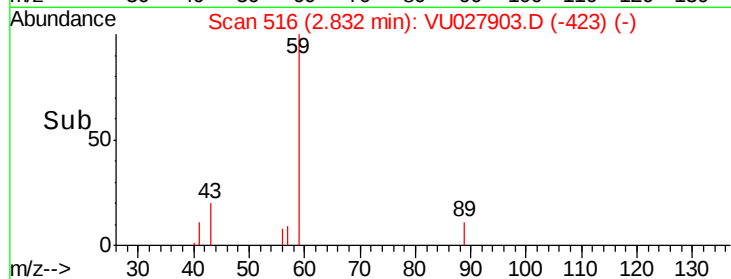
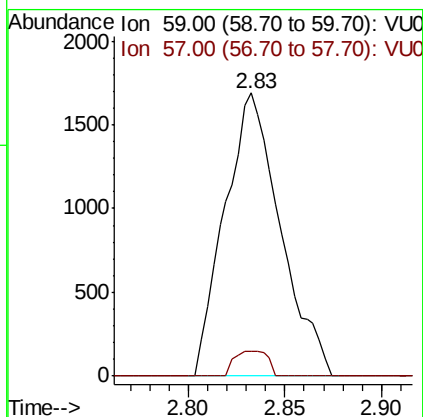
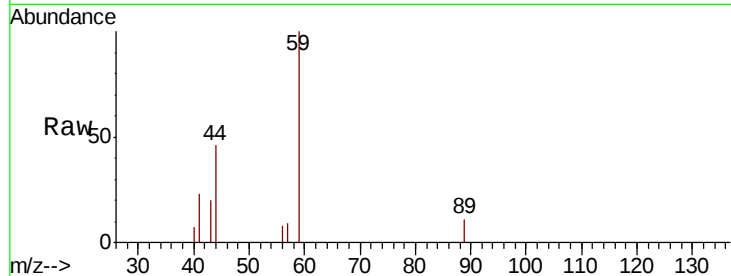




#11
Tert butyl alcohol
Concen: 5.687 ug/l
RT: 2.83 min Scan# 516
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

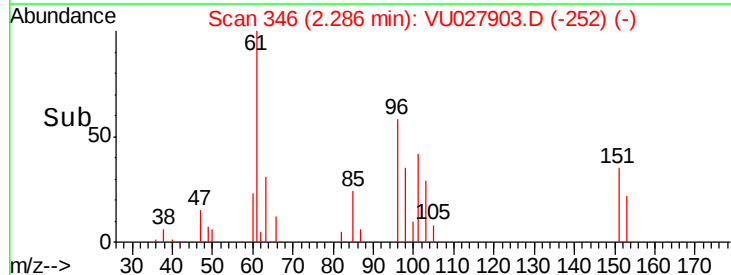
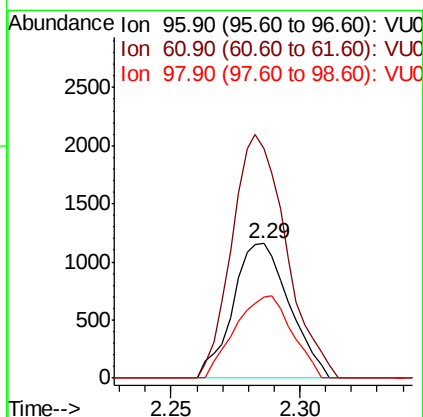
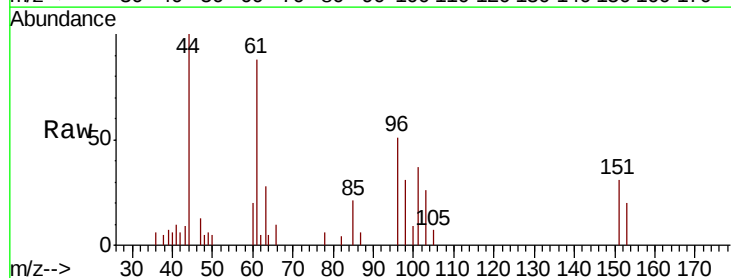
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 3387
Ion Ratio Lower Upper
59 100
57 5.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.023 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 96 Resp: 1765
Ion Ratio Lower Upper
96 100
61 171.0 149.3 223.9
98 60.4 50.6 75.8





#13

Acrolein

Concen: 4.859 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

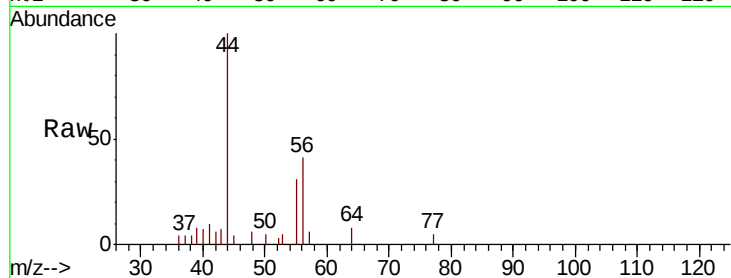
ClientSampled :

Tgt Ion: 56 Resp: 2109

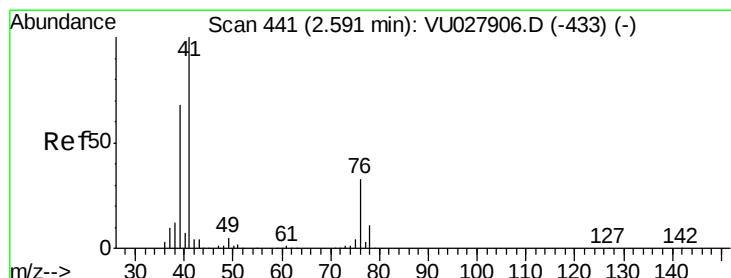
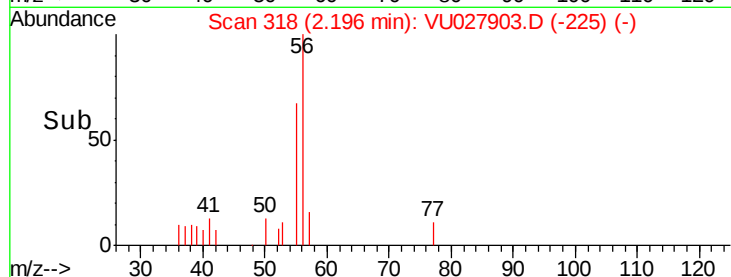
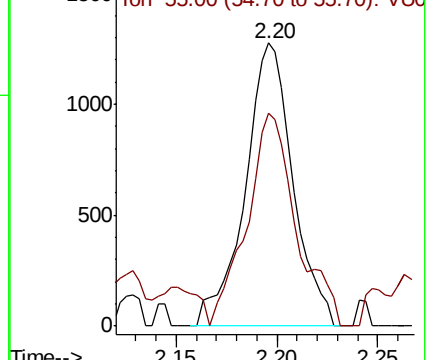
Ion Ratio Lower Upper

56 100

55 77.7 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VU027903.D (-225) (-)



#14

Allyl chloride

Concen: 0.959 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

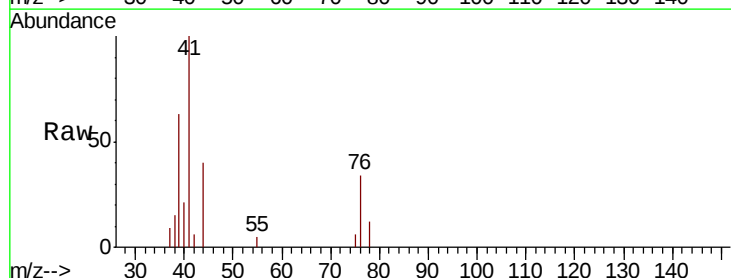
Tgt Ion: 41 Resp: 3927

Ion Ratio Lower Upper

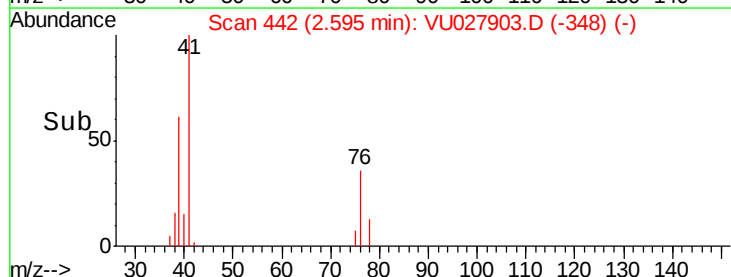
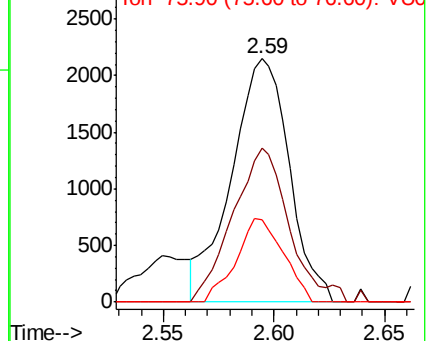
41 100

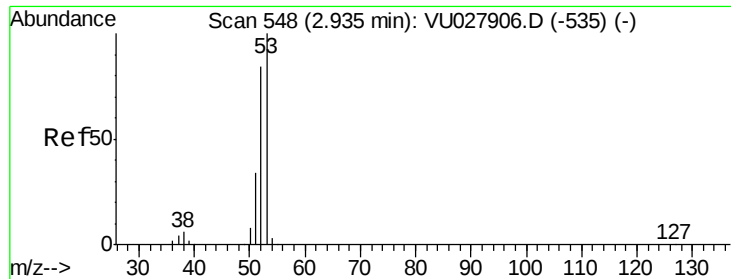
39 61.4 51.9 77.9

76 27.9 23.8 35.6



Abundance Ion 41.00 (40.70 to 41.70): VU027903.D (-348) (-)





#15

Acrylonitrile

Concen: 4.633 ug/l

RT: 2.94 min Scan# 550

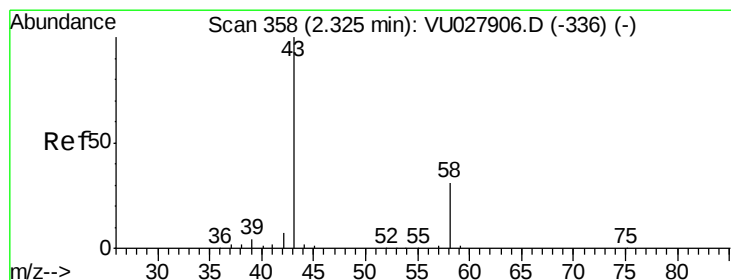
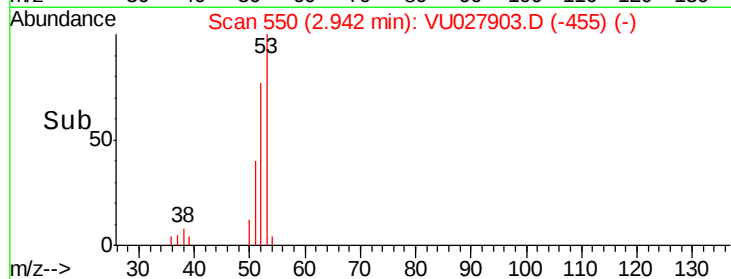
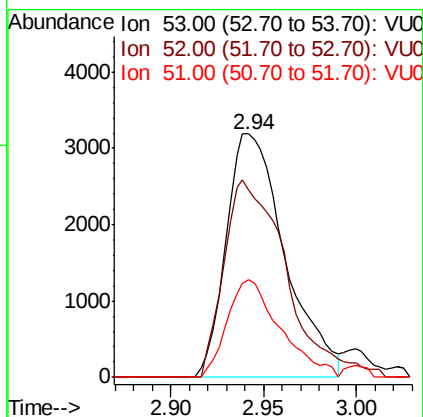
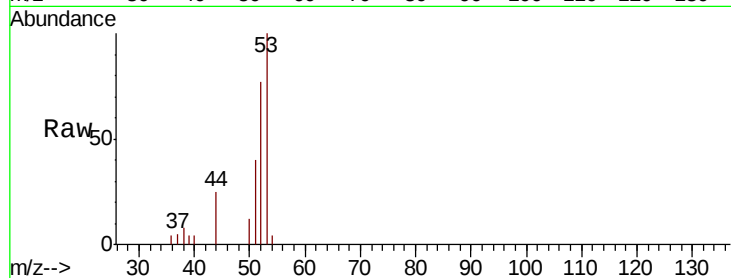
Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:	53	Resp:	7055
Ion	Ratio	Lower	Upper
53	100		
52	86.2	66.2	99.2
51	36.0	27.0	40.4



#16

Acetone

Concen: 5.724 ug/l

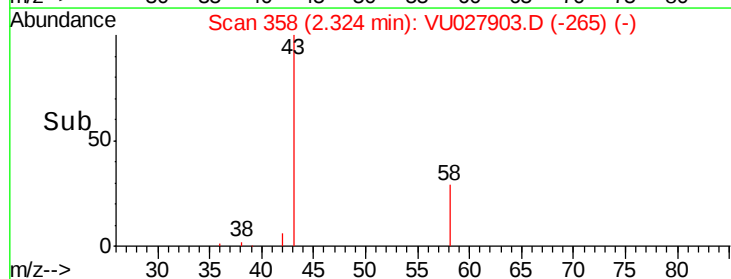
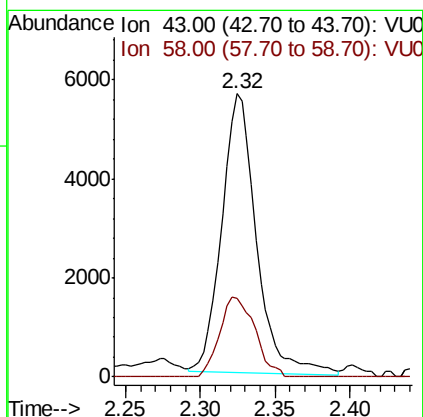
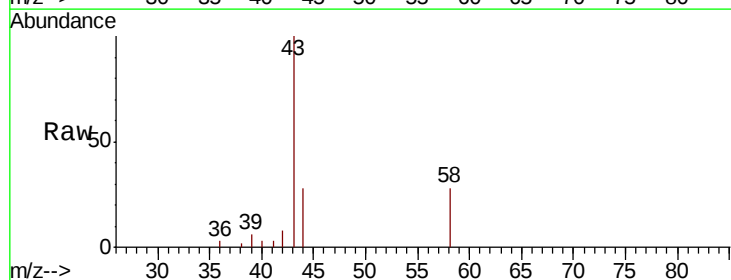
RT: 2.32 min Scan# 358

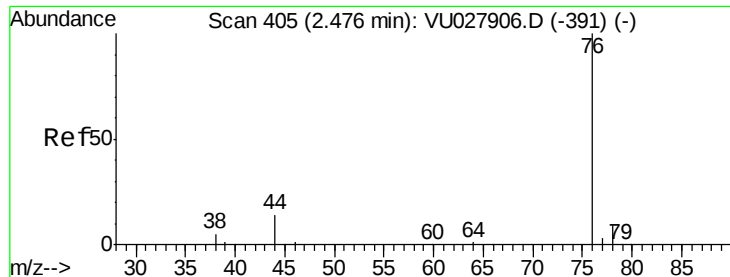
Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion:	43	Resp:	9112
Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.6	37.0

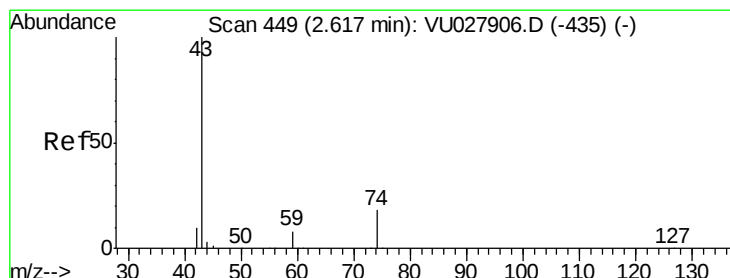
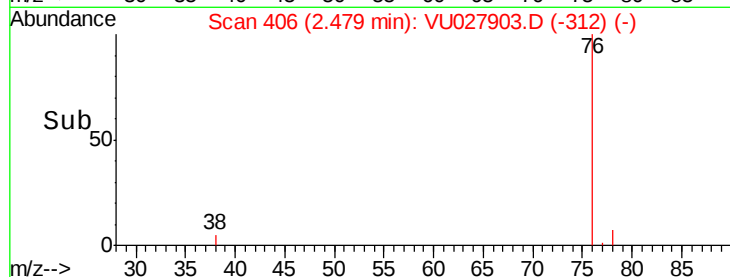
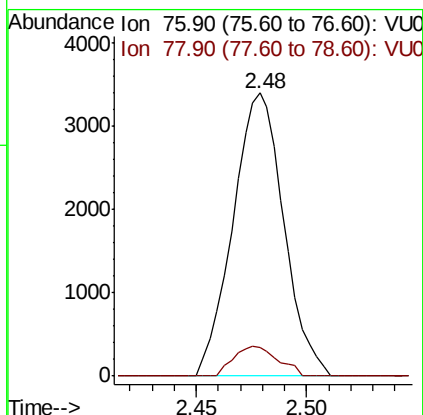
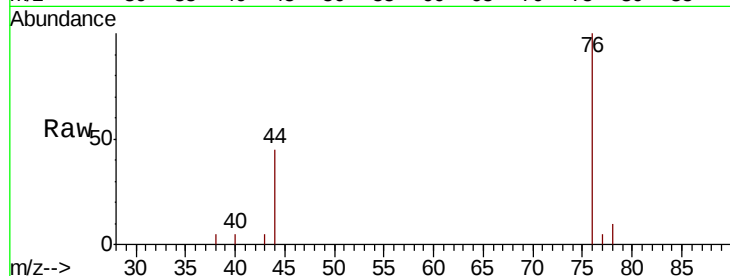




#17
Carbon Disulfide
Concen: 0.881 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

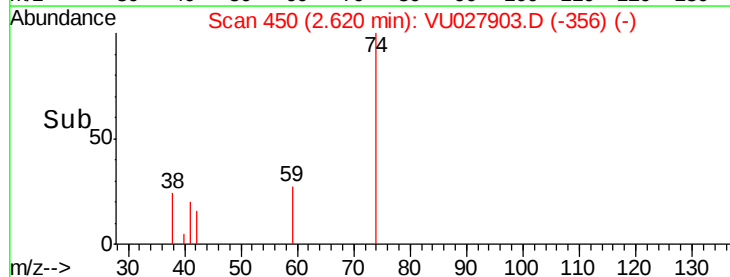
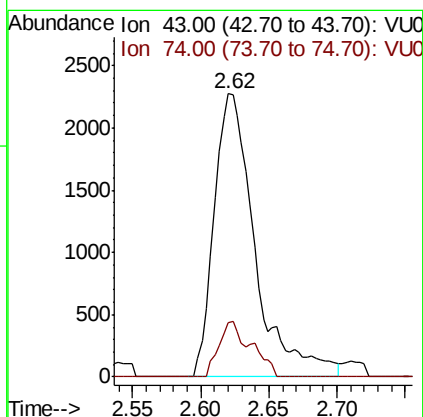
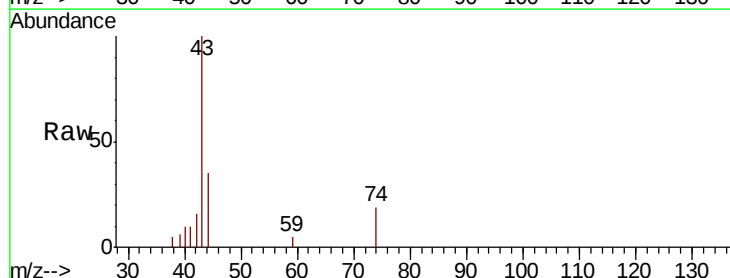
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 5432
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 1.261 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 43 Resp: 4757
Ion Ratio Lower Upper
43 100
74 15.4 14.9 22.3



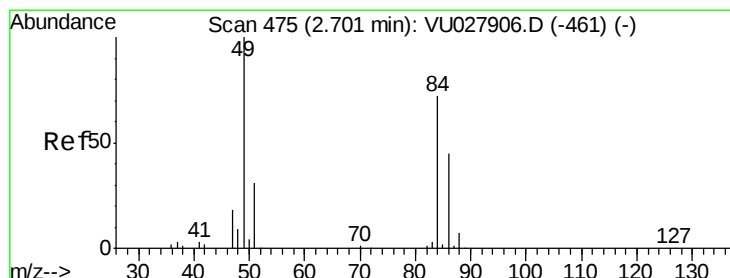
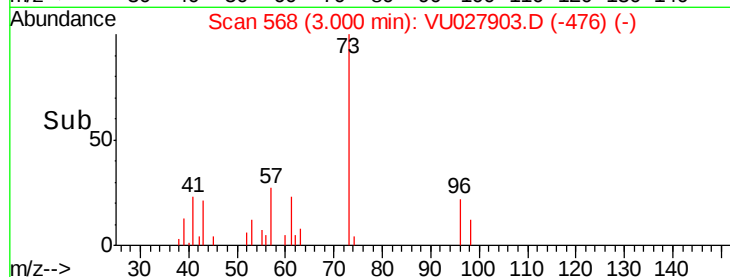
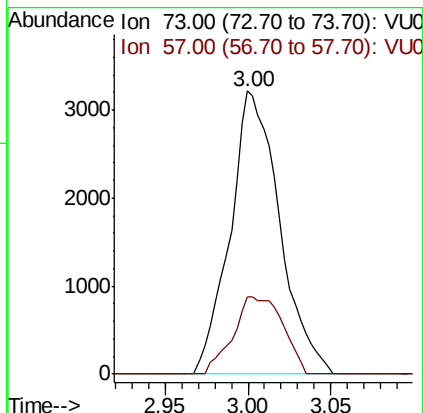
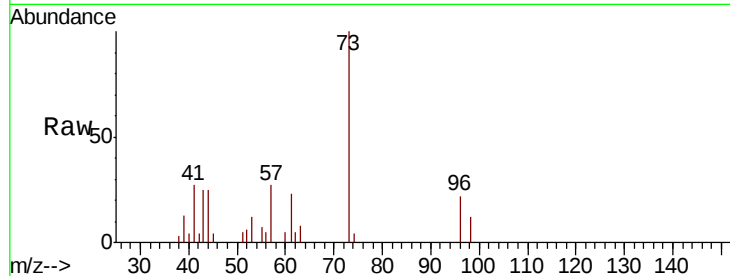


#19

Methyl tert-butyl Ether
Concen: 0.962 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_X
ClientSampled :

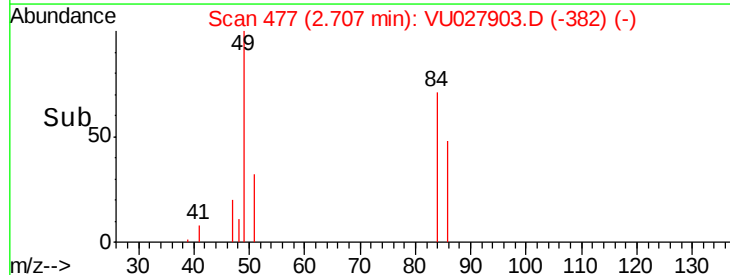
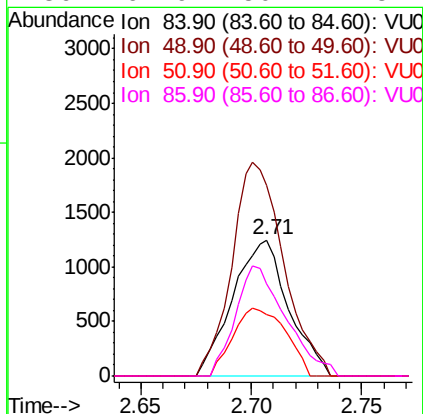
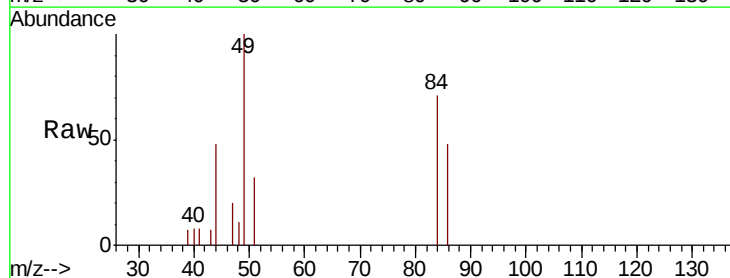
Tgt Ion: 73 Resp: 6679
Ion Ratio Lower Upper
73 100
57 27.2 19.3 28.9

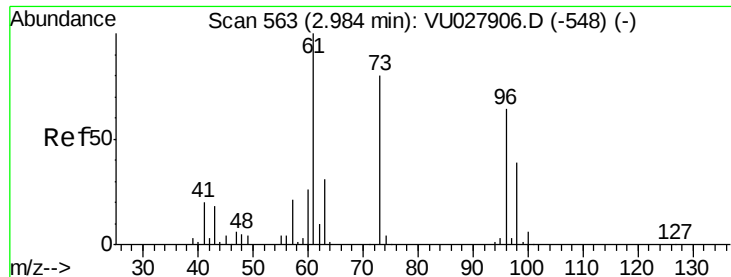


#20

Methylene Chloride
Concen: 0.970 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 84 Resp: 2186
Ion Ratio Lower Upper
84 100
49 140.5 111.6 167.4
51 45.3 34.8 52.2
86 67.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 1.063 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

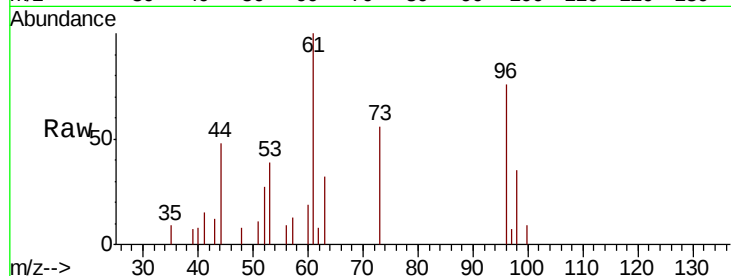
Tgt Ion: 96 Resp: 2075

Ion Ratio Lower Upper

96 100

61 130.9 125.0 187.6

98 45.6 48.2 72.4#

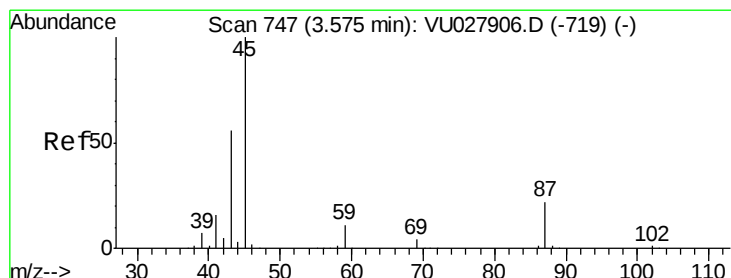
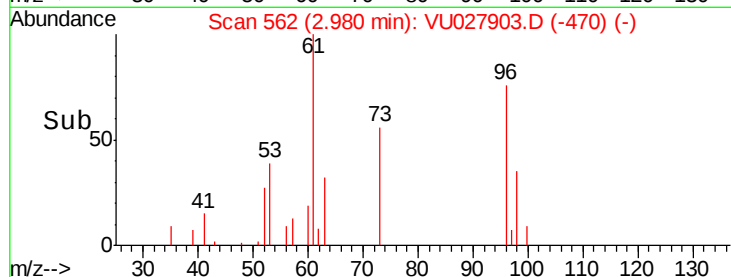
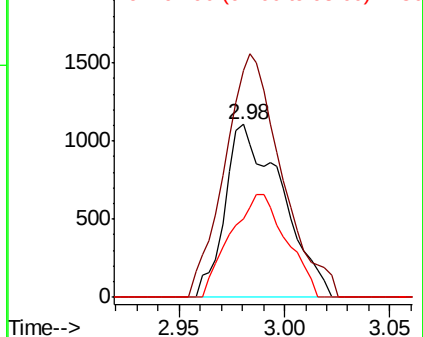


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 0.965 ug/l

RT: 3.58 min Scan# 748

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion: 45 Resp: 8106

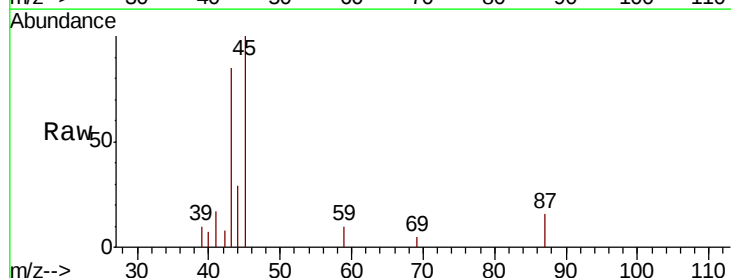
Ion Ratio Lower Upper

45 100

43 71.2 45.0 67.6#

87 15.7 17.9 26.9#

59 9.6 8.6 12.8



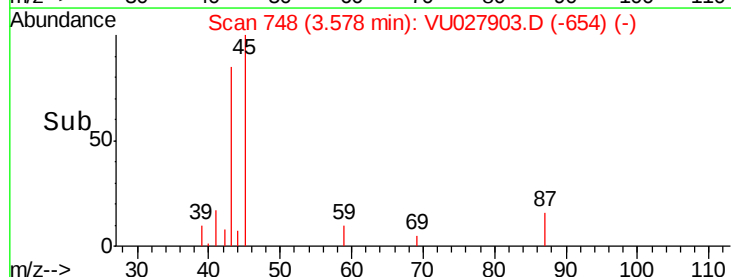
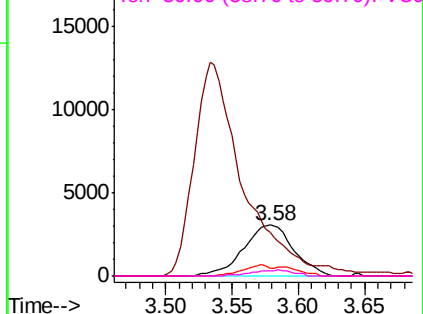
Abundance

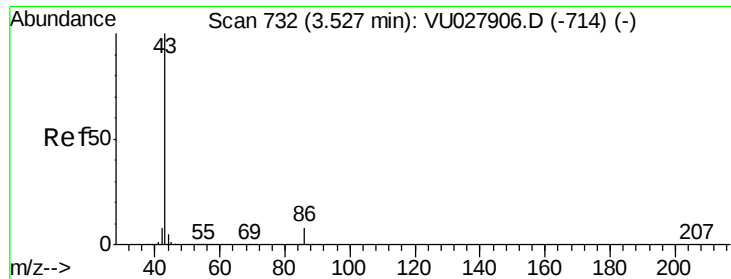
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 4.427 ug/l

RT: 3.53 min Scan# 734

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

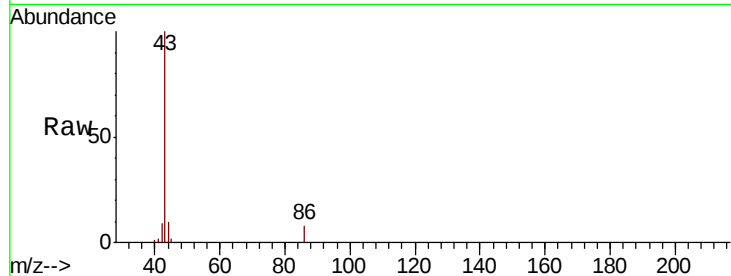
ClientSampleId :

Tgt Ion: 43 Resp: 32475

Ion Ratio Lower Upper

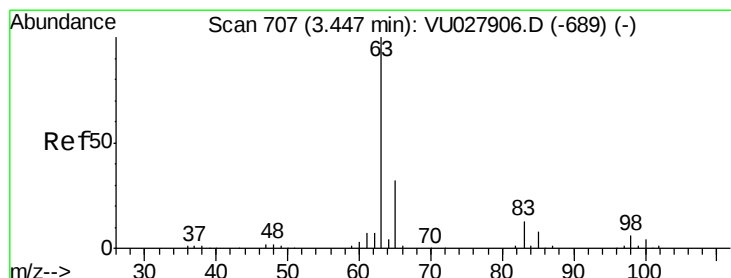
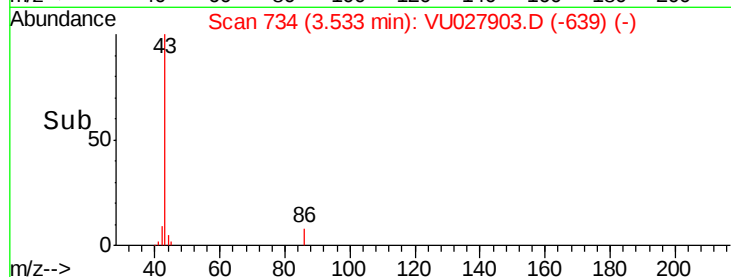
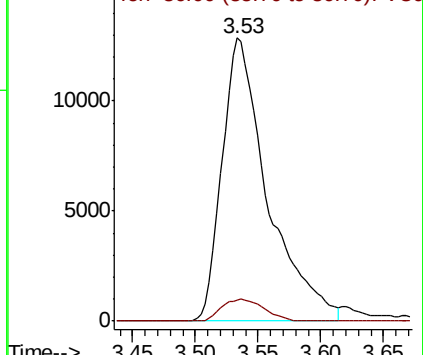
43 100

86 7.6 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU027903.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027903.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 1.015 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

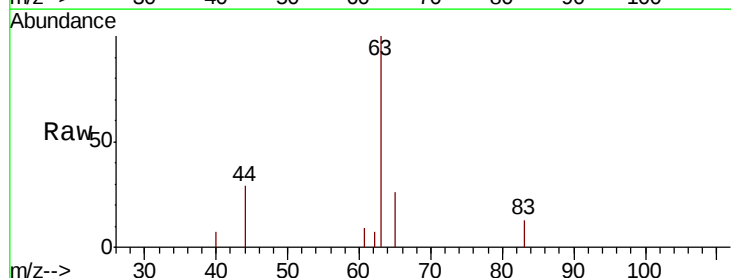
Tgt Ion: 63 Resp: 4353

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.6#

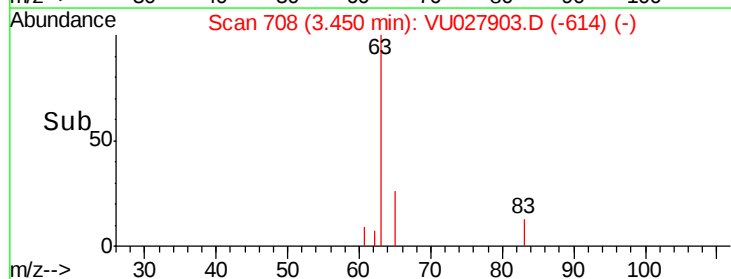
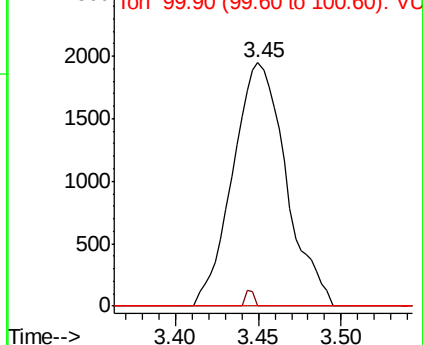
100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VU027903.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU027903.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU027903.D (-614) (-)





#25

2-Butanone

Concen: 4.916 ug/l

RT: 4.29 min Scan# 968

Delta R.T. 0.02 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

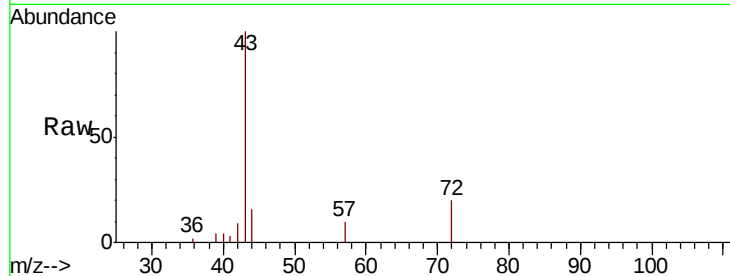
ClientSampled :

Tgt Ion: 43 Resp: 11022

Ion Ratio Lower Upper

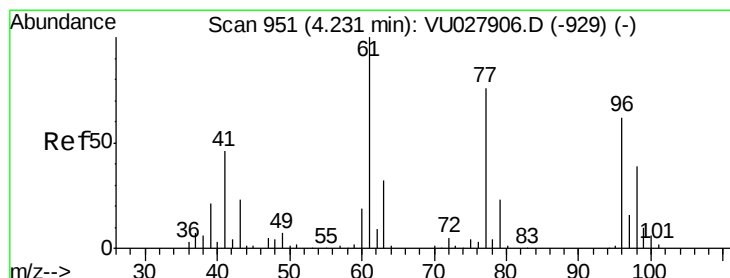
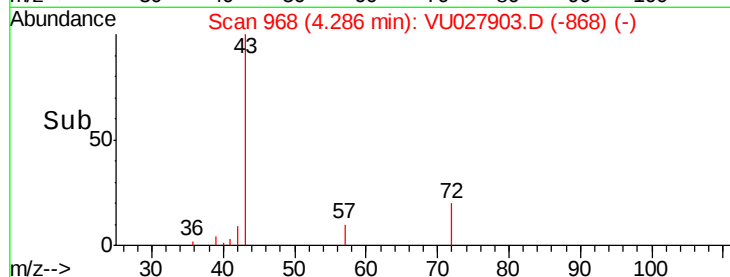
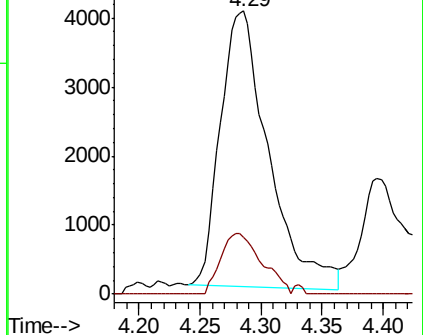
43 100

72 20.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-934) (-)

Ion 72.00 (71.70 to 72.70): VU027906.D (-934) (-)



#26

2,2-Dichloropropane

Concen: 1.043 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027903.D

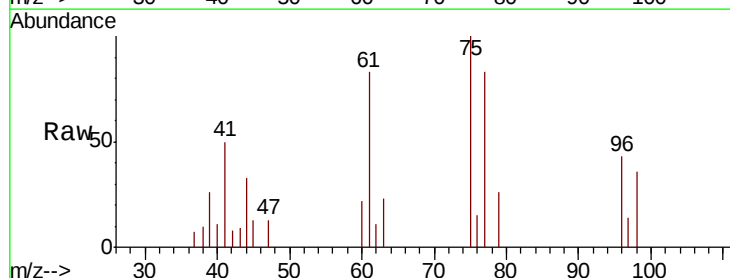
Acq: 01 Nov 2018 18:02

Tgt Ion: 77 Resp: 3619

Ion Ratio Lower Upper

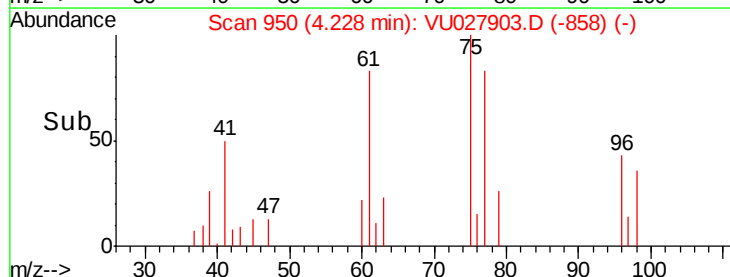
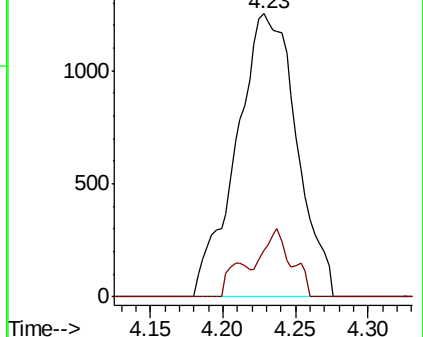
77 100

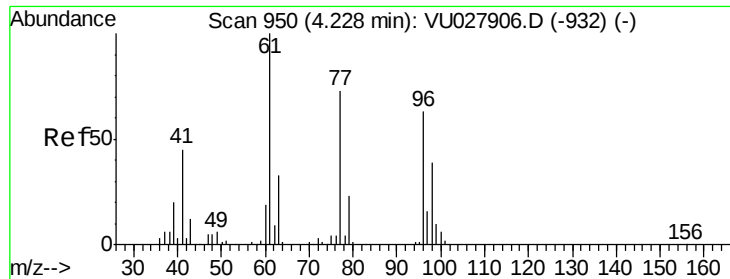
97 11.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU027906.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU027906.D (-929) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.871 ug/l

RT: 4.24 min Scan# 954

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

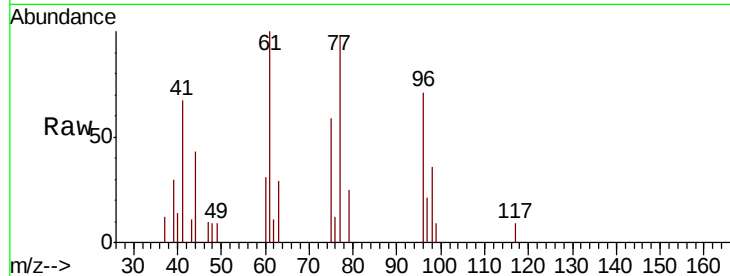
Tgt Ion: 96 Resp: 1951

Ion Ratio Lower Upper

96 100

61 183.8 0.0 329.6

98 60.5 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VU027903.D (-857) (-)

Ion 60.90 (60.60 to 61.60): VU027903.D (-857) (-)

Ion 97.90 (97.60 to 98.60): VU027903.D (-857) (-)

1500

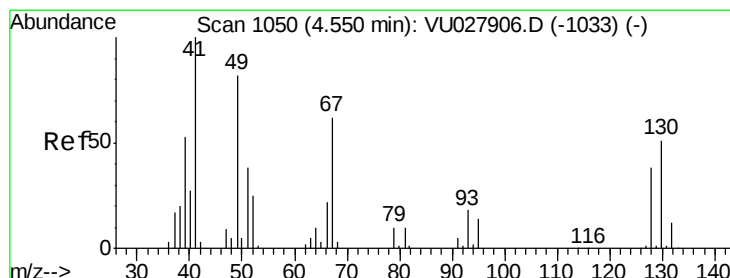
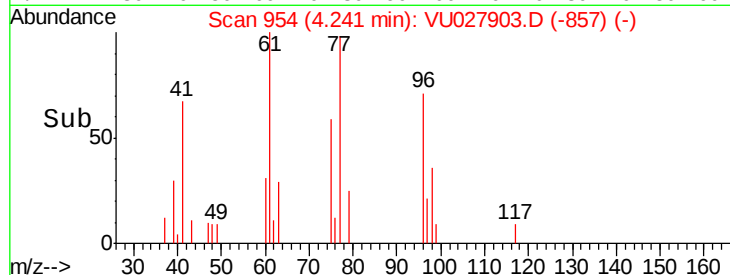
1000

500

0

4.20 4.25

Time-->



#28

Bromochloromethane

Concen: 0.845 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

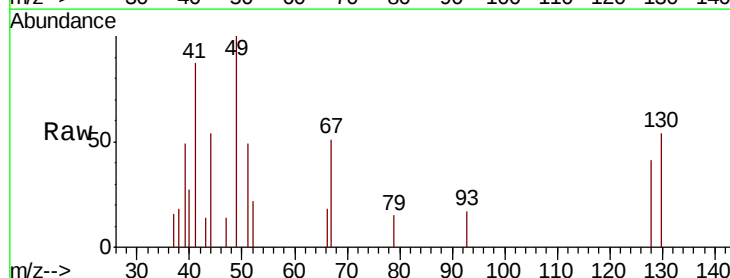
Tgt Ion: 49 Resp: 1719

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

130 60.9 47.8 71.6



Abundance Ion 48.90 (48.60 to 49.60): VU027903.D (-957) (-)

Ion 128.80 (128.50 to 129.50): VU027903.D (-957) (-)

Ion 129.80 (129.50 to 130.50): VU027903.D (-957) (-)

1000

800

600

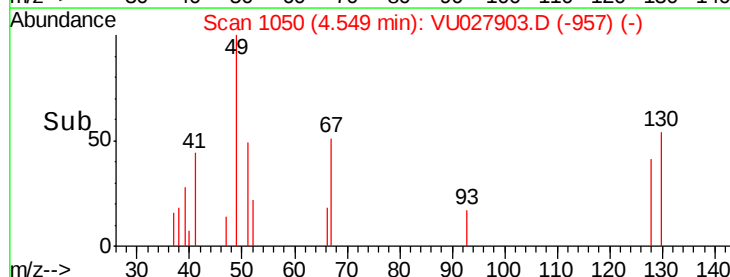
400

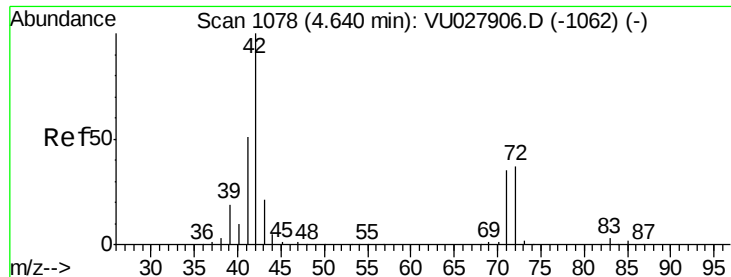
200

0

4.50 4.55 4.60

Time-->

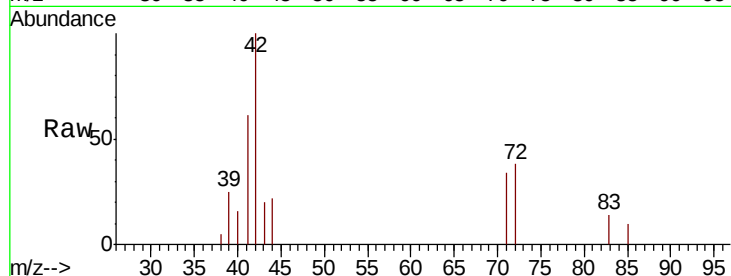




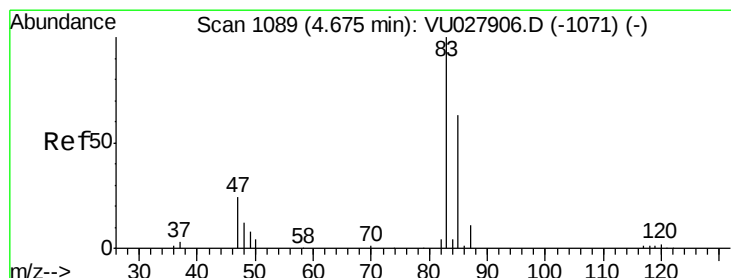
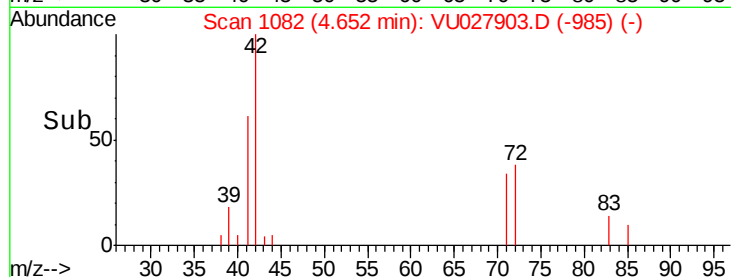
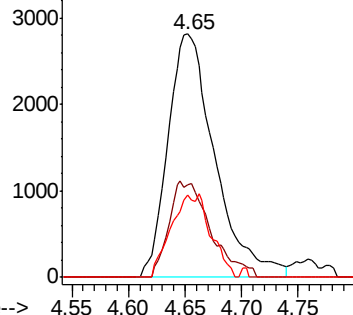
#29
Tetrahydrofuran
Concen: 5.705 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 42 Resp: 8128
Ion Ratio Lower Upper
42 100
72 34.9 29.4 44.0
71 17.7 27.9 41.9#

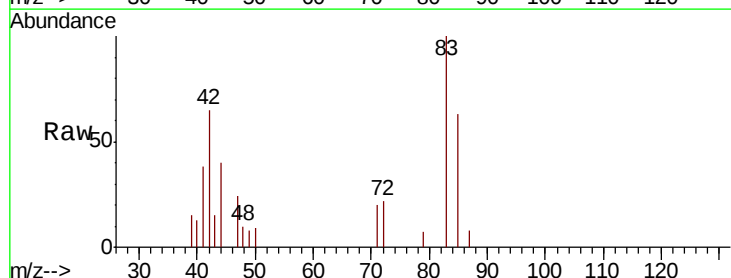


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

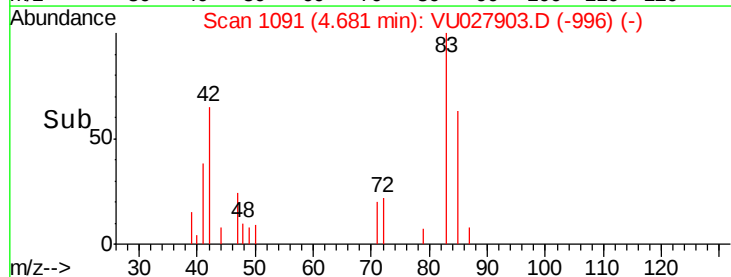
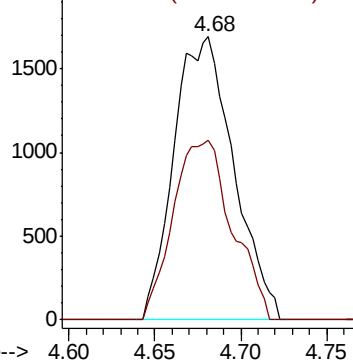


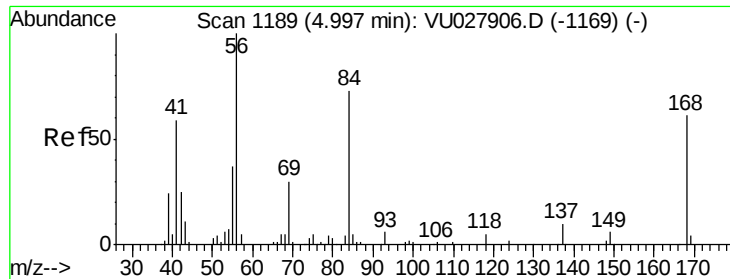
#30
Chloroform
Concen: 1.067 ug/l
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 83 Resp: 4081
Ion Ratio Lower Upper
83 100
85 63.4 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

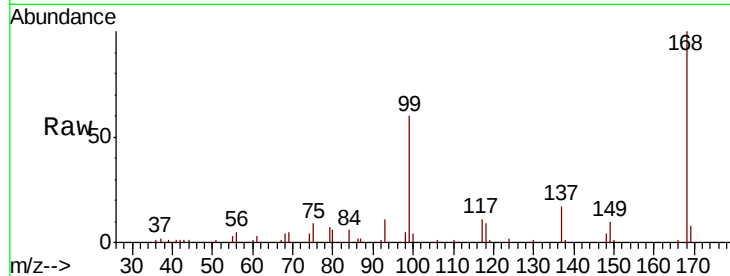




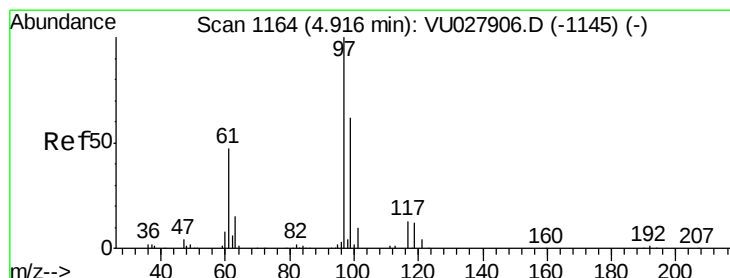
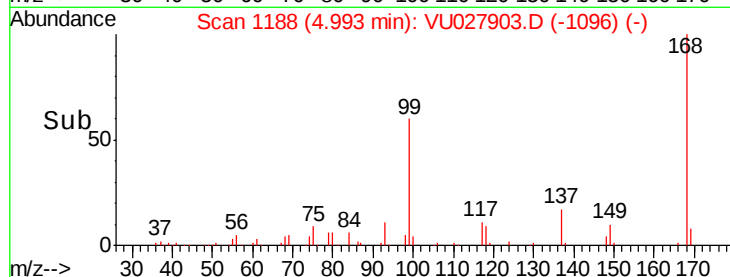
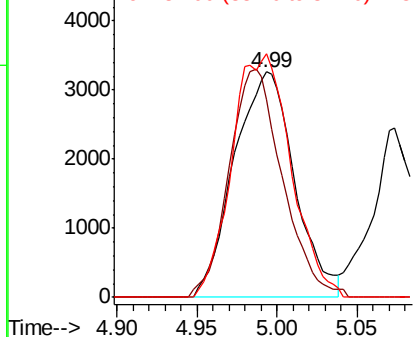
#31
Cyclohexane
Concen: 1.691 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 56 Resp: 8456
Ion Ratio Lower Upper
56 100
69 87.7 23.7 35.5#
84 107.9 58.2 87.4#

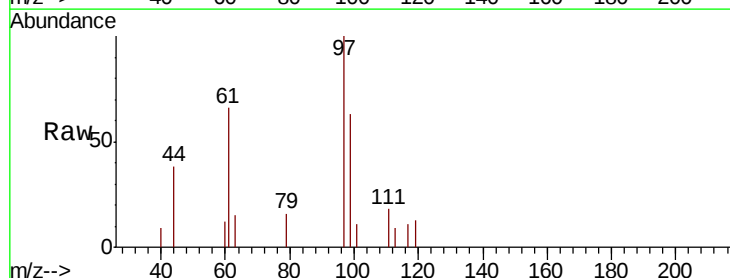


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

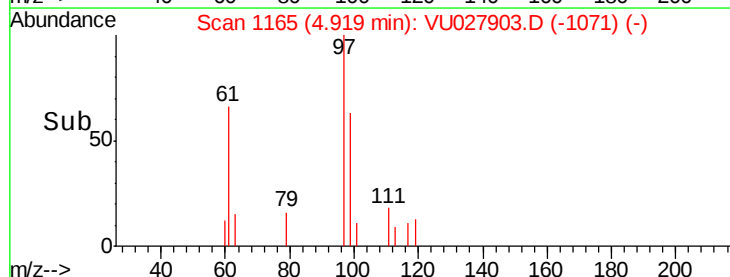
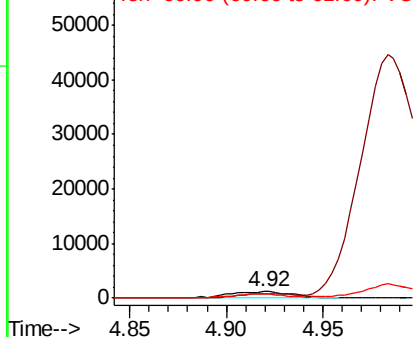


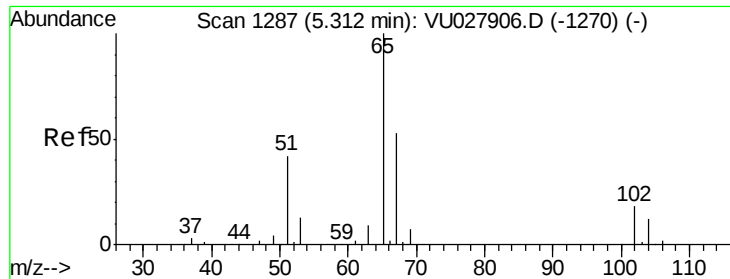
#32
1,1,1-Trichloroethane
Concen: 0.834 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 97 Resp: 2676
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 54.2 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

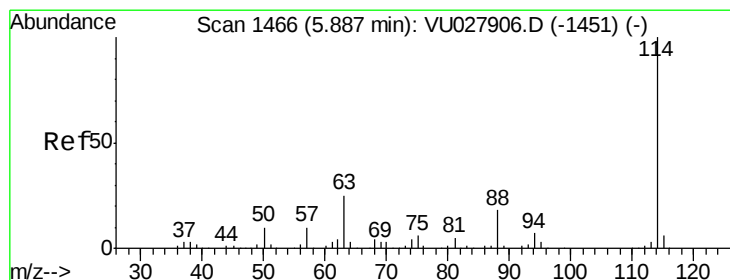
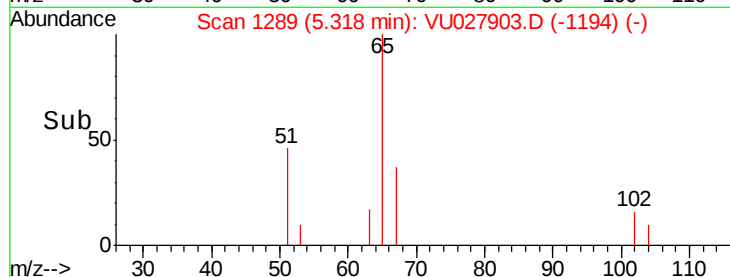
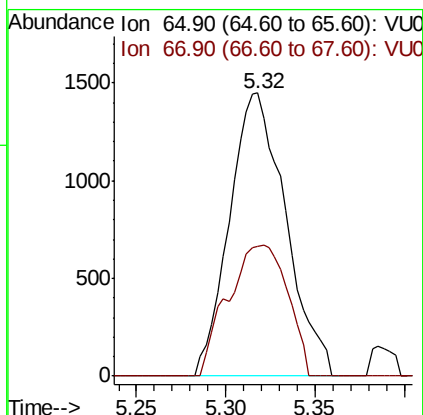
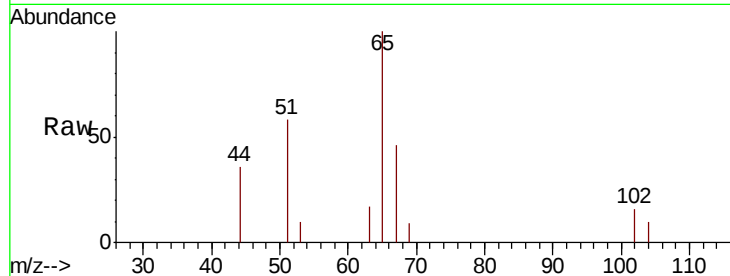




#33
 1,2-Dichloroethane-d4
 Concen: 1.178 ug/l
 RT: 5.32 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

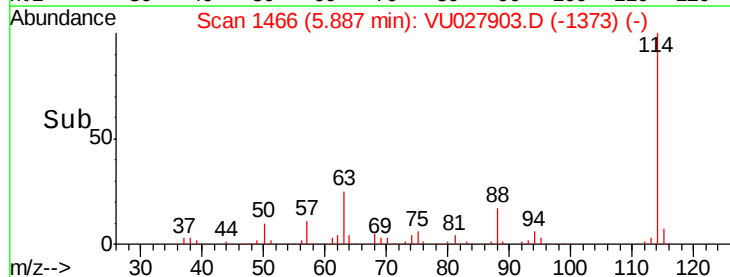
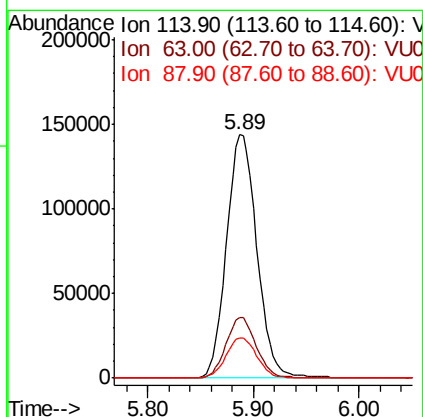
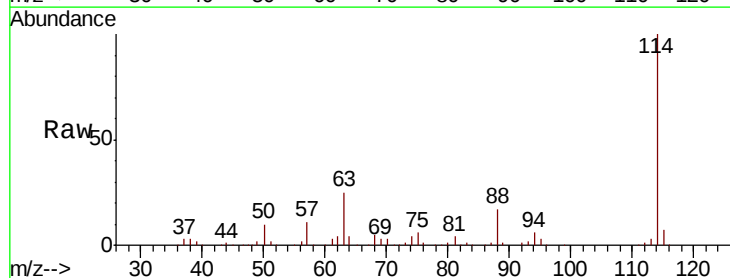
Instrument :
 MSVOA_X
 ClientSampleId :

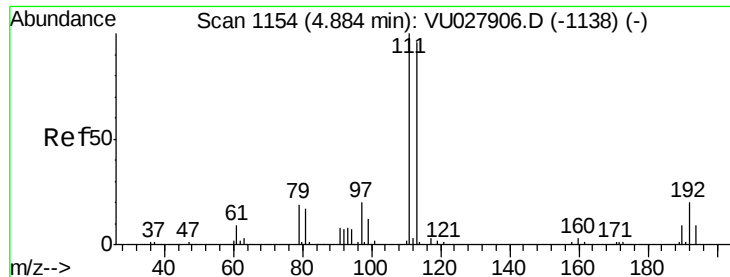
Tgt Ion: 65 Resp: 3186
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion: 114 Resp: 287252
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.8
 88 16.6 0.0 35.8

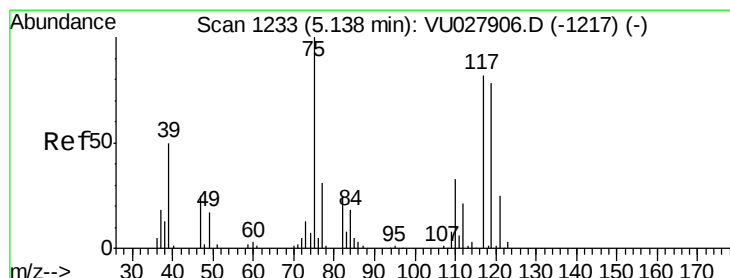
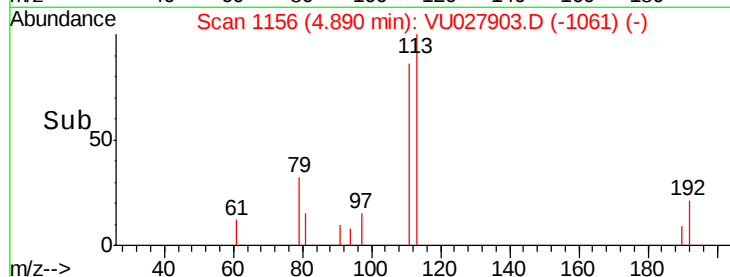
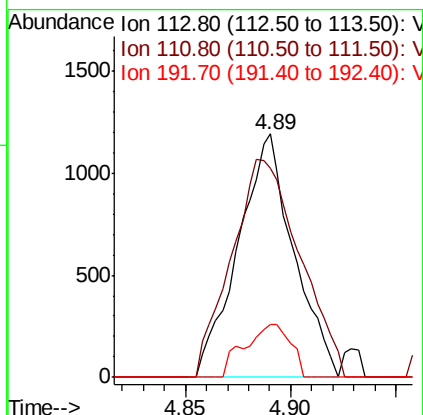
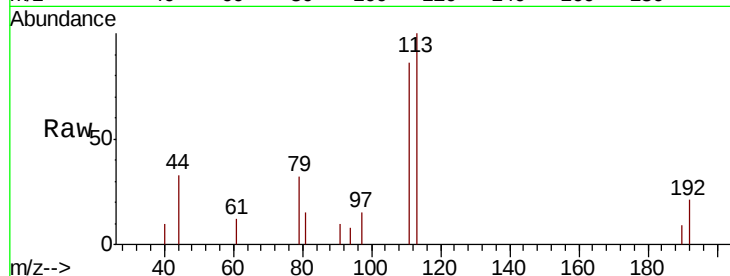




#35
 Dibromofluoromethane
 Concen: 1.115 ug/l
 RT: 4.89 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

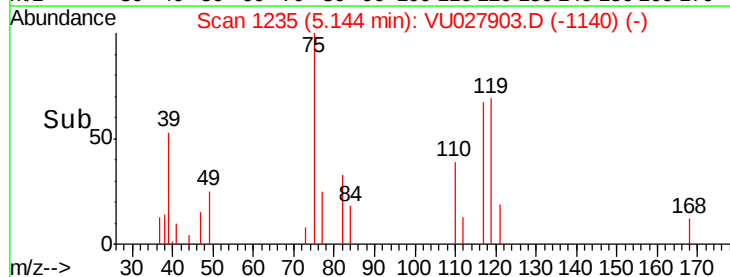
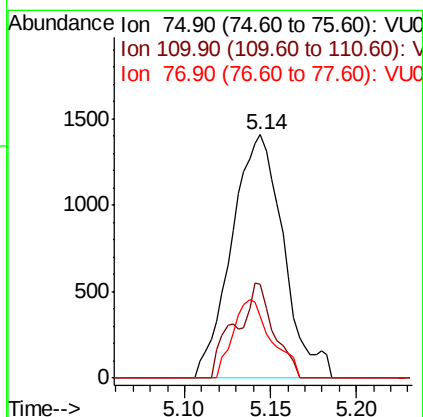
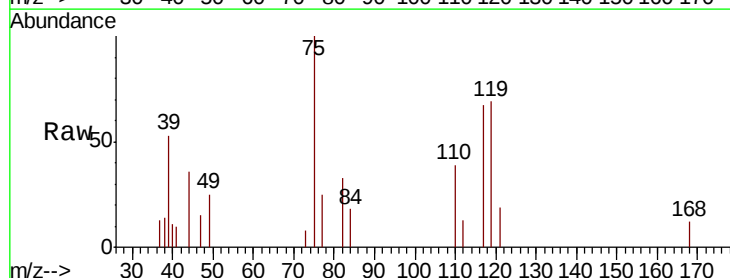
Instrument :
 MSVOA_X
 ClientSampleId :

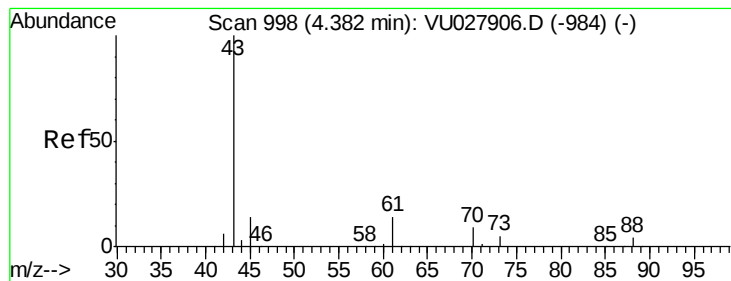
Tgt Ion: 113 Resp: 2178
 Ion Ratio Lower Upper
 113 100
 111 110.3 83.0 124.6
 192 18.1 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 0.955 ug/l
 RT: 5.14 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion: 75 Resp: 2961
 Ion Ratio Lower Upper
 75 100
 110 29.0 16.5 49.5
 77 23.8 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.104 ug/l

RT: 4.40 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

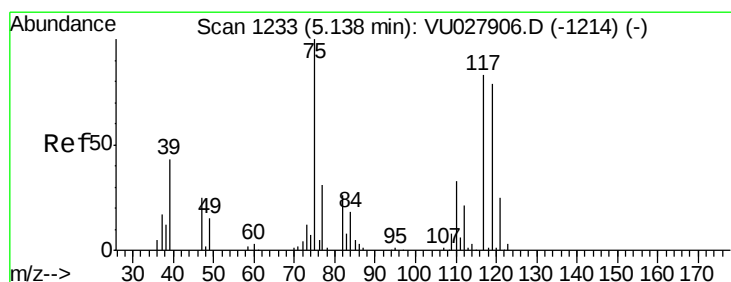
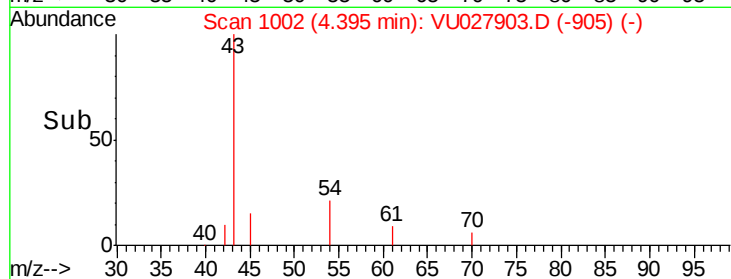
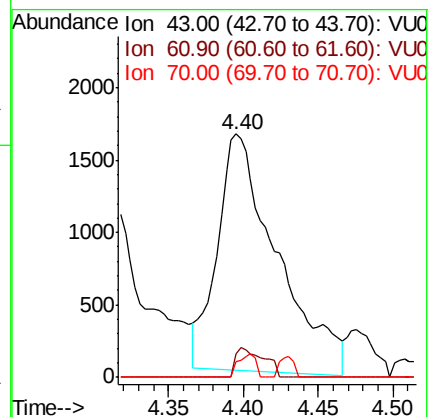
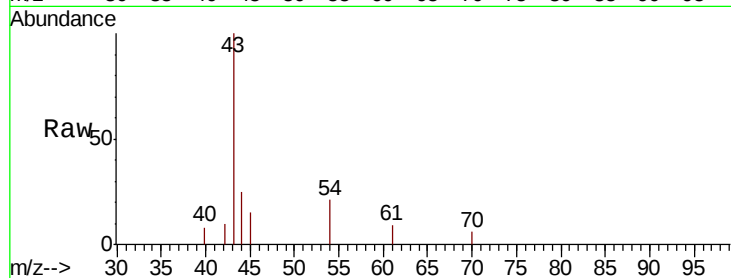
Tgt Ion: 43 Resp: 4536

Ion Ratio Lower Upper

43 100

61 5.8 10.3 15.5#

70 2.8 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 0.931 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

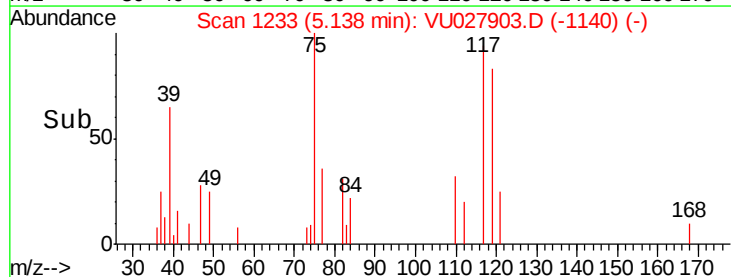
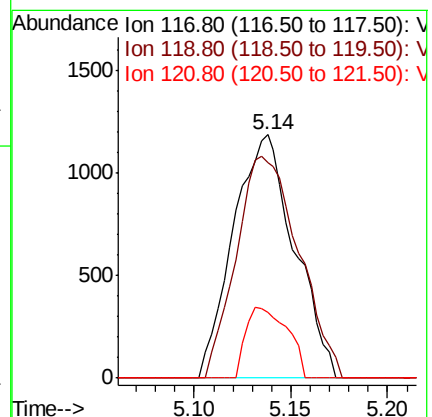
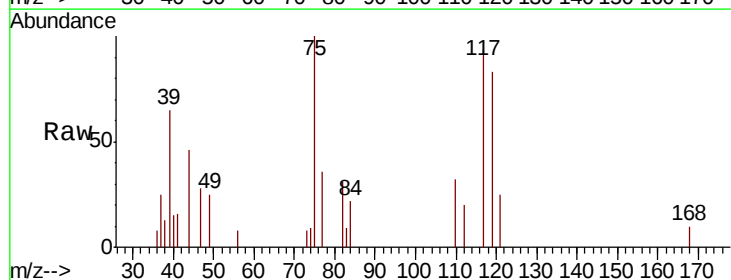
Tgt Ion: 117 Resp: 2606

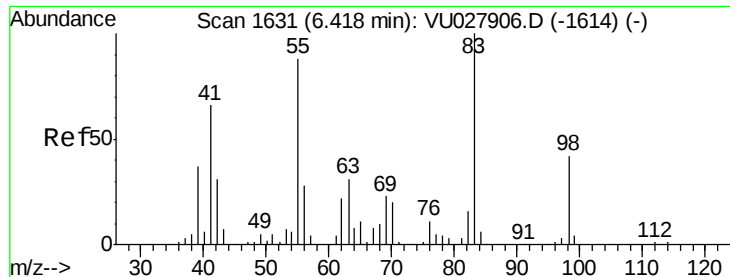
Ion Ratio Lower Upper

117 100

119 88.6 76.0 114.0

121 26.7 24.5 36.7

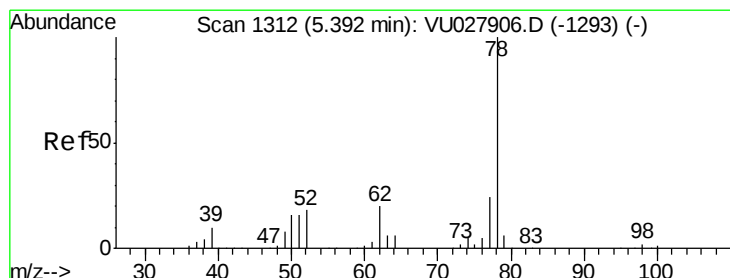
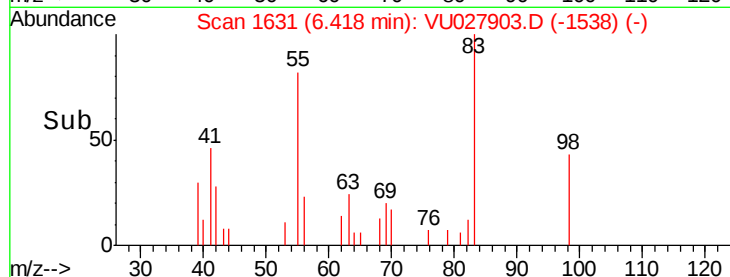
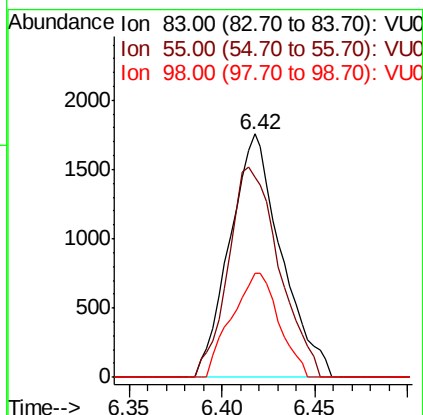
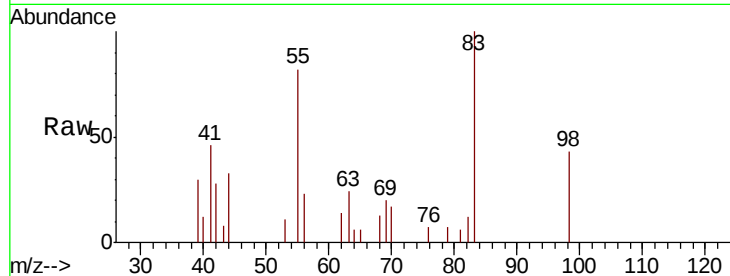




#39
Methylcyclohexane
Concen: 0.933 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

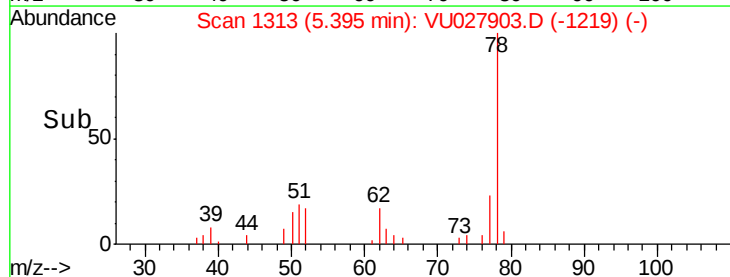
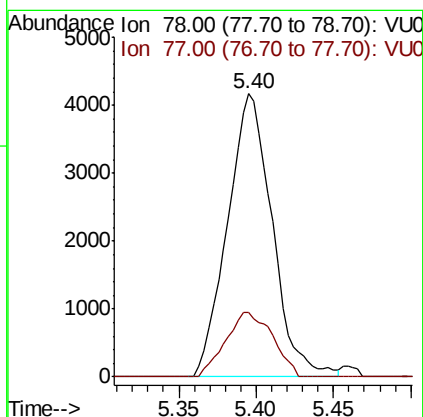
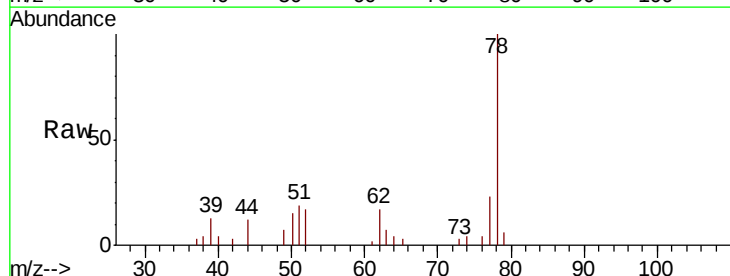
Instrument :
MSVOA_X
ClientSampleId :

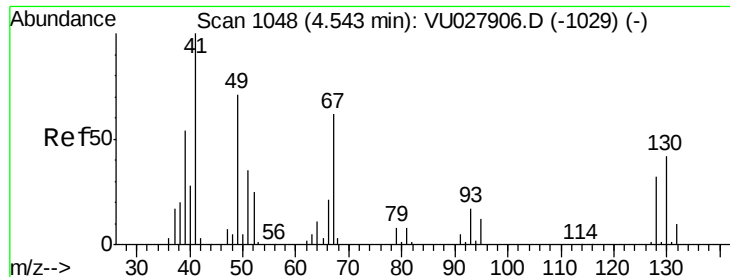
Tgt Ion: 83 Resp: 3390
Ion Ratio Lower Upper
83 100
55 82.3 70.3 105.5
98 42.5 34.0 51.0



#40
Benzene
Concen: 0.914 ug/l
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 78 Resp: 8362
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9

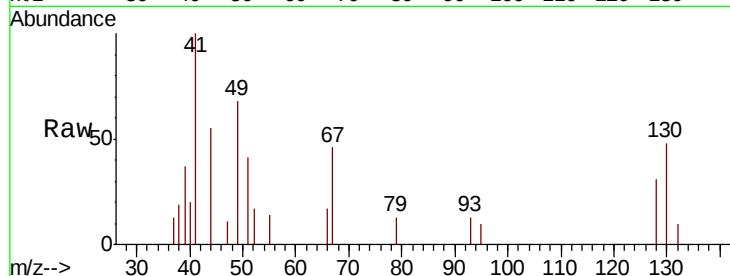




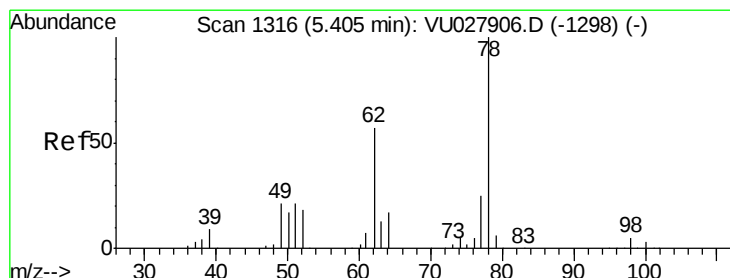
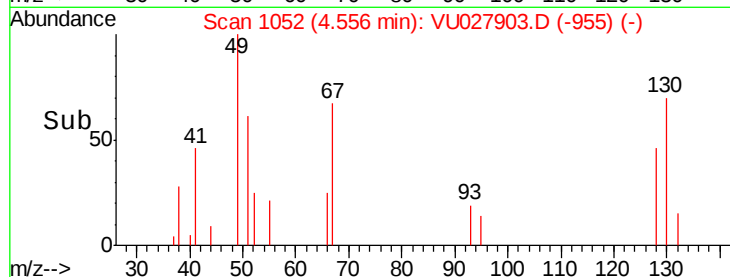
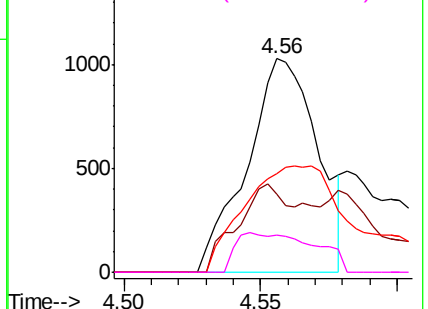
#41
Methacrylonitrile
Concen: 0.800 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 41 Resp: 1852
Ion Ratio Lower Upper
41 100
39 30.3 42.2 63.4#
67 76.7 49.5 74.3#
52 20.6 20.5 30.7

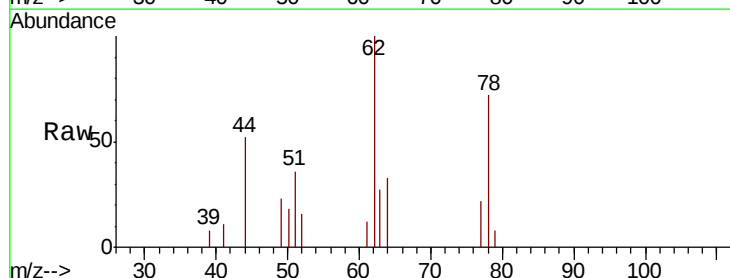


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

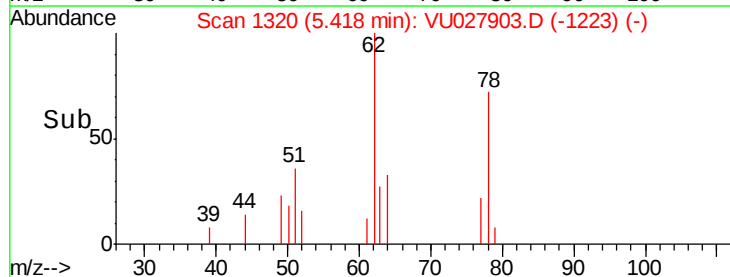
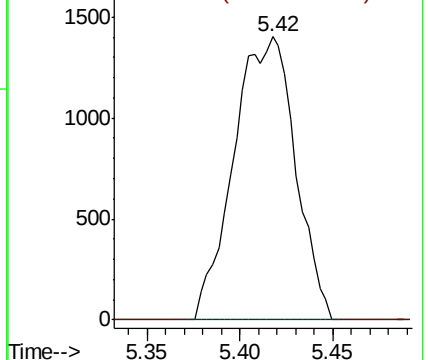


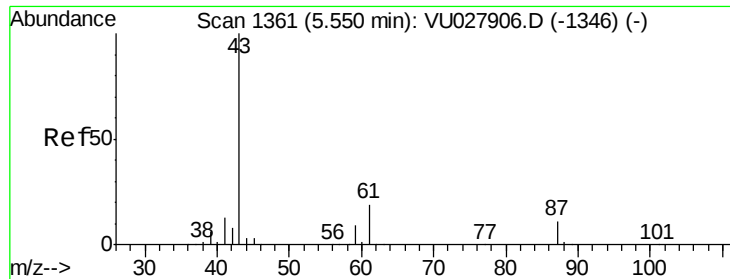
#42
1,2-Dichloroethane
Concen: 0.964 ug/l
RT: 5.42 min Scan# 1320
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 62 Resp: 3235
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.2



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

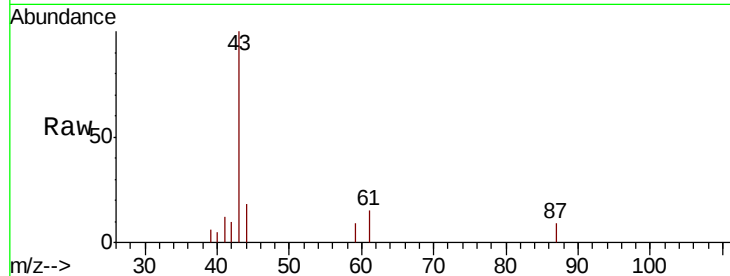




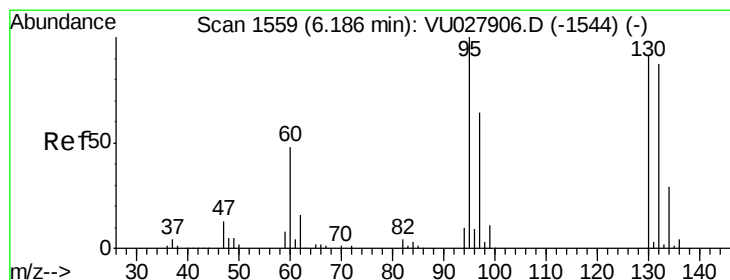
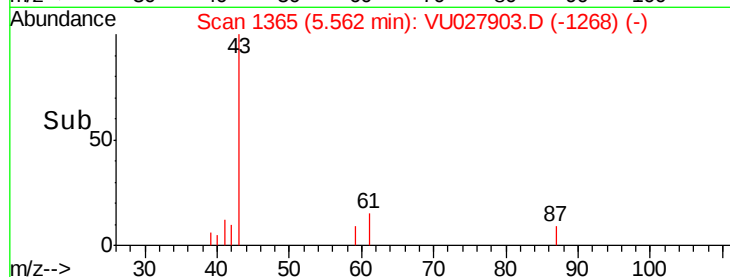
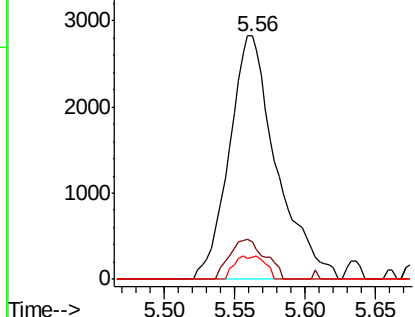
#43
Isopropyl Acetate
Concen: 1.038 ug/l
RT: 5.56 min Scan# 1365
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6604
Ion Ratio Lower Upper
43 100
61 12.4 15.0 22.4#
87 6.2 8.6 12.8#

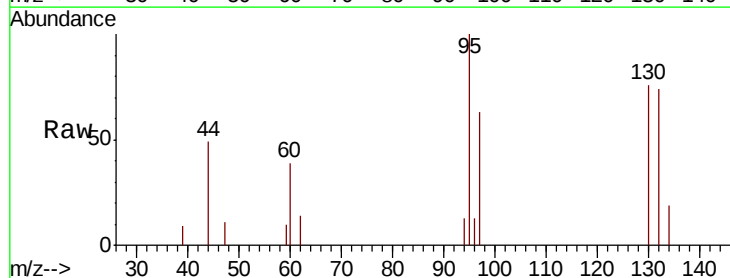


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

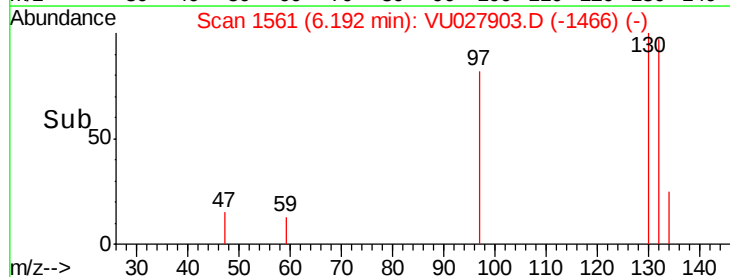
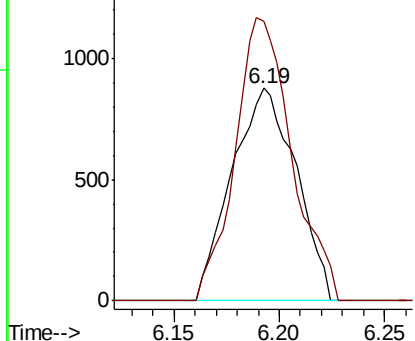


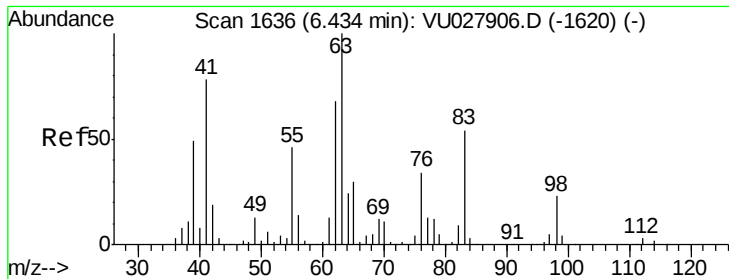
#44
Trichloroethene
Concen: 0.919 ug/l
RT: 6.19 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:130 Resp: 1859
Ion Ratio Lower Upper
130 100
95 131.4 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: 0.938 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

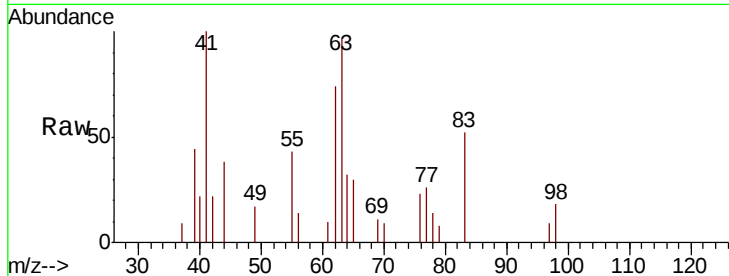
ClientSampleId :

Tgt Ion: 63 Resp: 2466

Ion Ratio Lower Upper

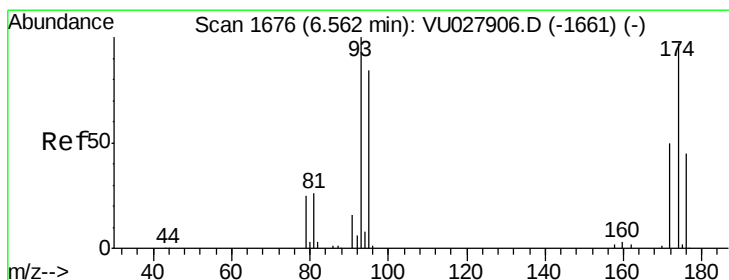
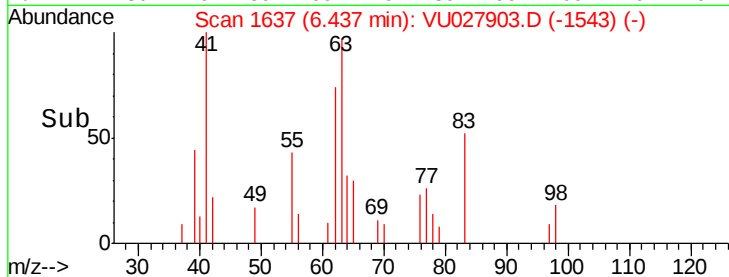
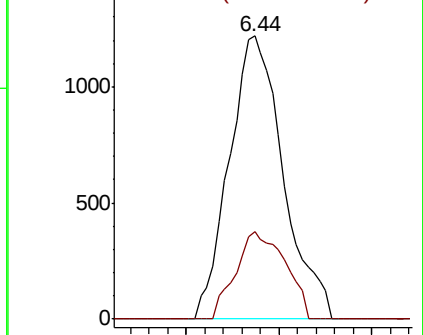
63 100

65 30.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VU027906.D (-1620) (-)

Ion 64.90 (64.60 to 65.60): VU027906.D (-1620) (-)



#46

Dibromomethane

Concen: 0.912 ug/l

RT: 6.57 min Scan# 1678

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

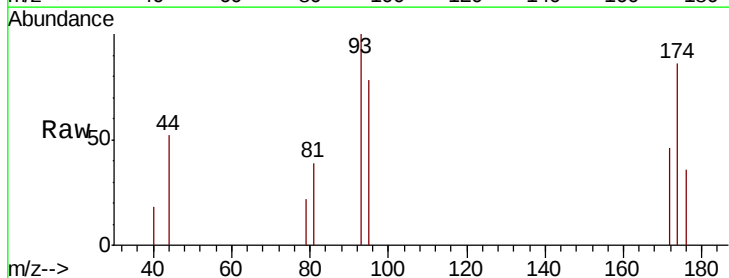
Tgt Ion: 93 Resp: 1355

Ion Ratio Lower Upper

93 100

95 85.4 68.5 102.7

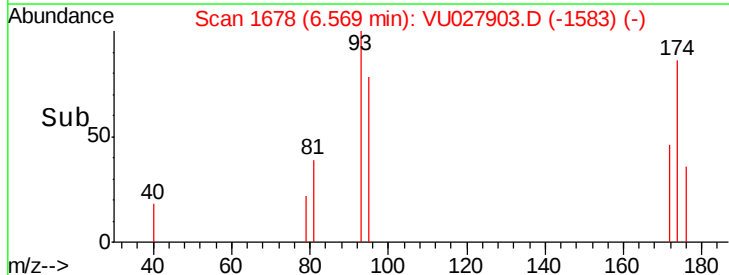
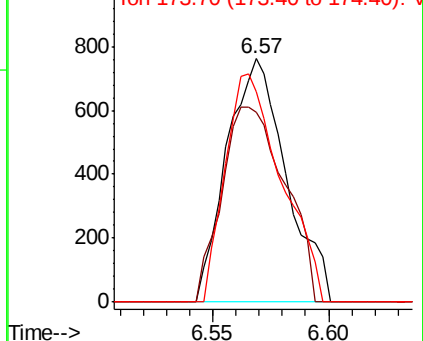
174 88.9 76.1 114.1

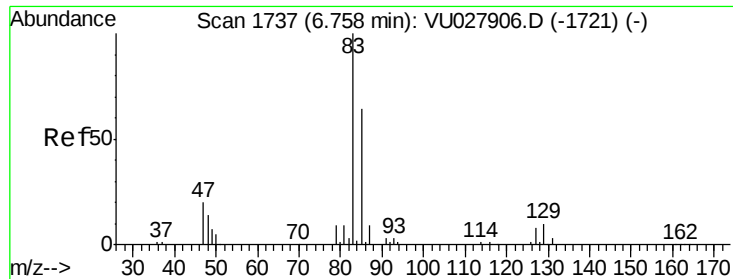


Abundance Ion 92.80 (92.50 to 93.50): VU027906.D (-1661) (-)

Ion 94.80 (94.50 to 95.50): VU027906.D (-1661) (-)

Ion 173.70 (173.40 to 174.40): VU027906.D (-1661) (-)





#47

Bromodichloromethane

Concen: 0.823 ug/l

RT: 6.76 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

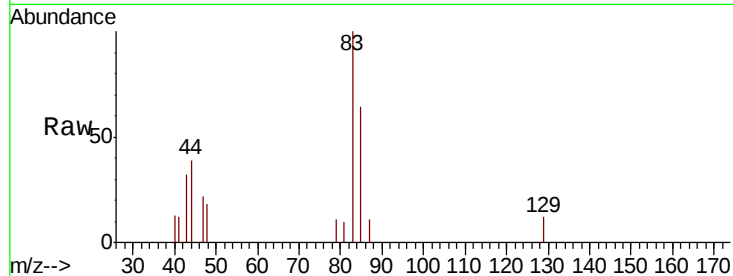
Tgt Ion: 83 Resp: 2517

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6

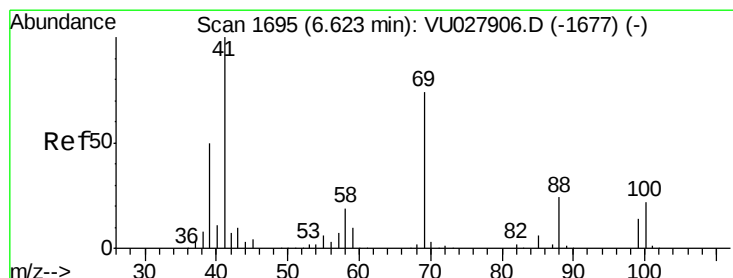
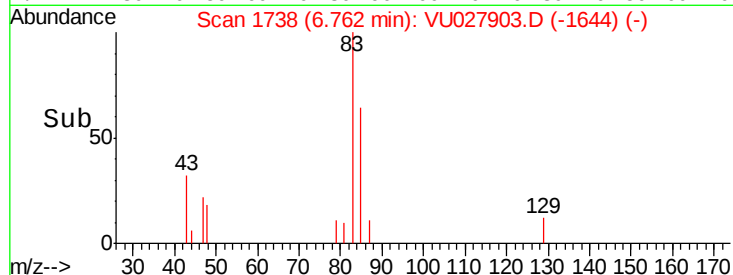
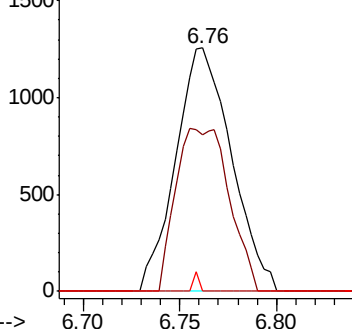
127 0.0 6.2 9.4#



Abundance Ion 82.90 (82.60 to 83.60): VU027903.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027903.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027903.D (-1644) (-)



#48

Methyl methacrylate

Concen: 0.897 ug/l

RT: 6.64 min Scan# 1700

Delta R.T. 0.02 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

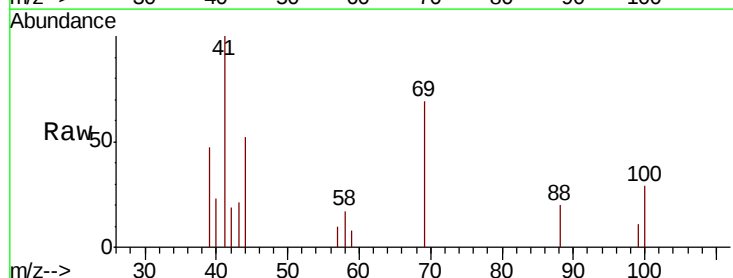
Tgt Ion: 41 Resp: 2840

Ion Ratio Lower Upper

41 100

69 70.9 59.8 89.8

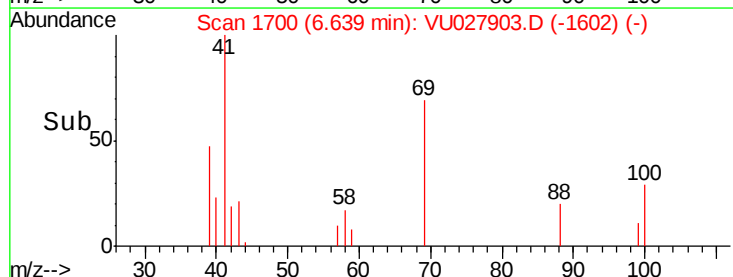
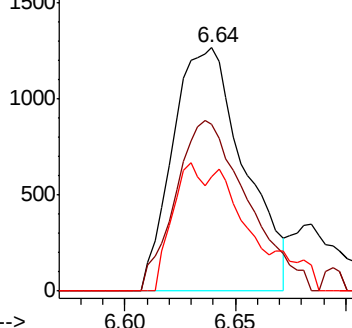
39 23.6 40.0 60.0#



Abundance Ion 41.00 (40.70 to 41.70): VU027903.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027903.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027903.D (-1602) (-)

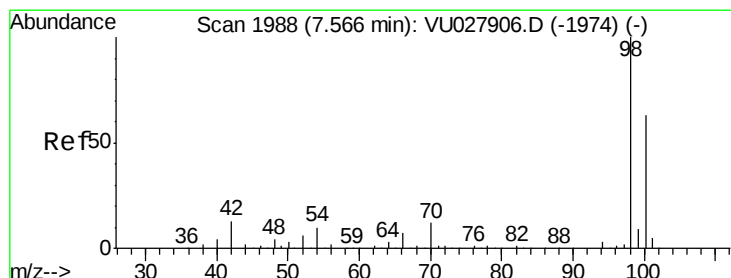
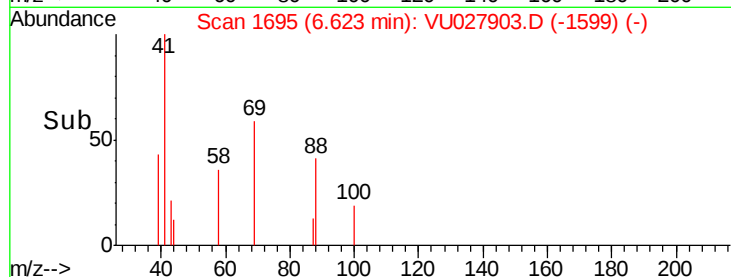
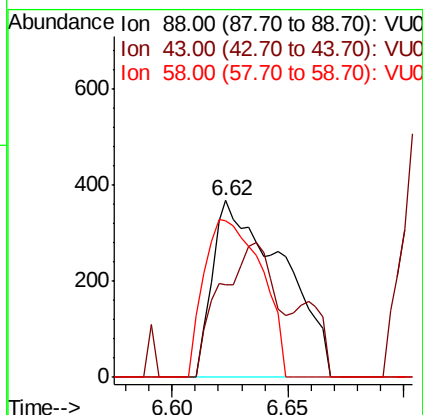
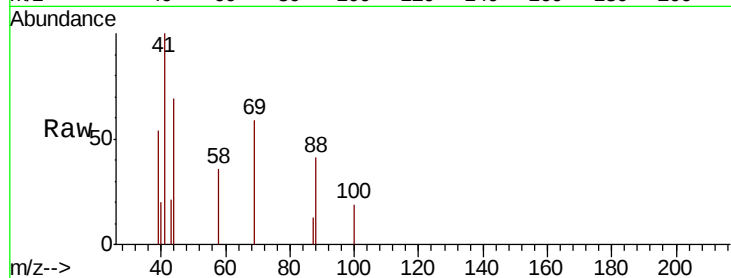




#49
1,4-Dioxane
Concen: 14.317 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

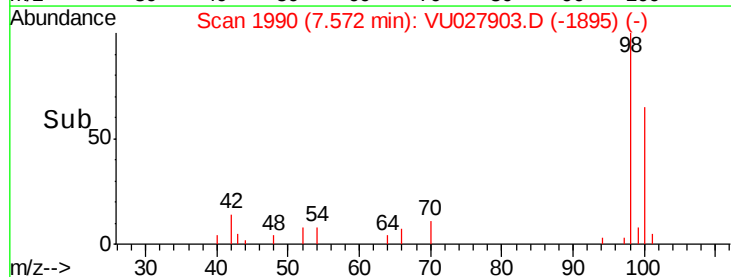
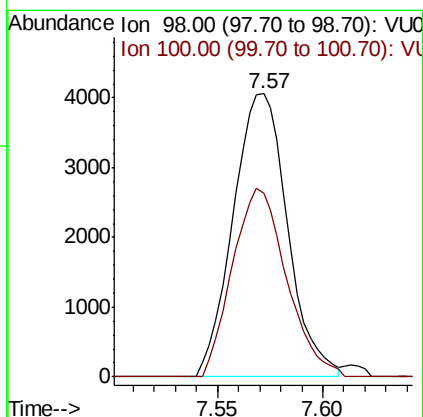
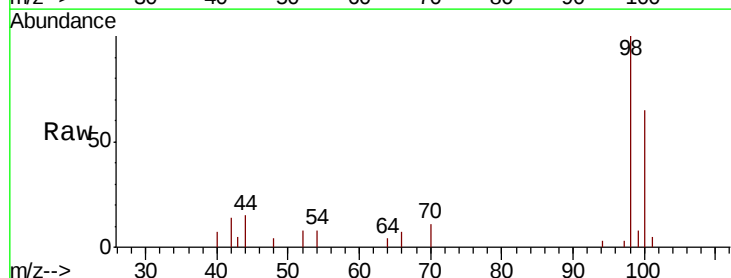
Instrument :
MSVOA_X
ClientSampled :

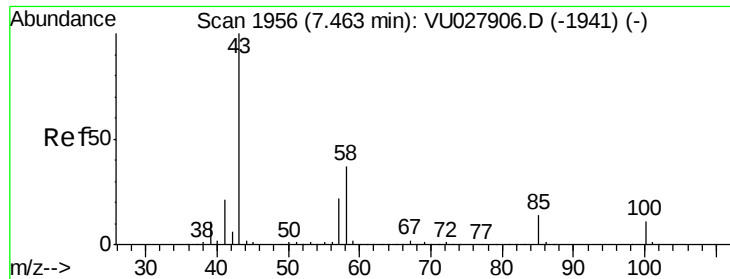
Tgt Ion: 88 Resp: 773
Ion Ratio Lower Upper
88 100
43 59.0 30.5 45.7#
58 73.5 67.1 100.7



#50
Toluene-d8
Concen: 0.999 ug/l
RT: 7.57 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 98 Resp: 7279
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

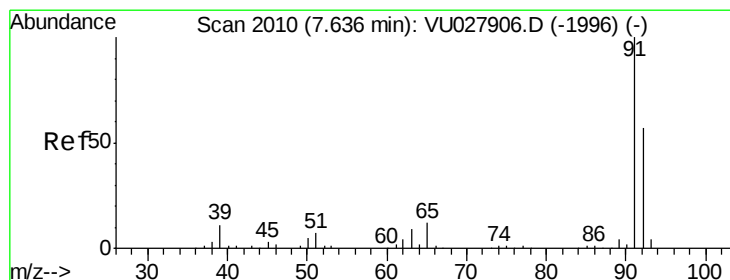
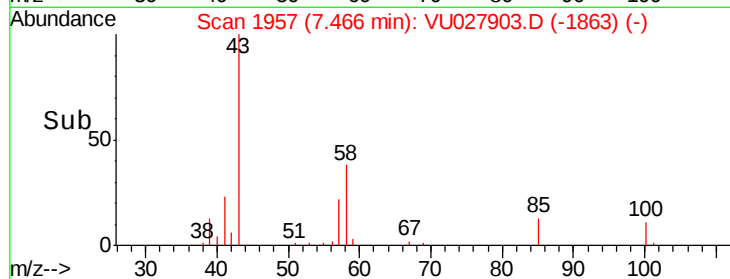
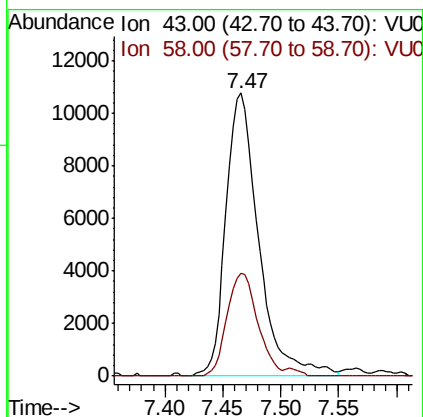
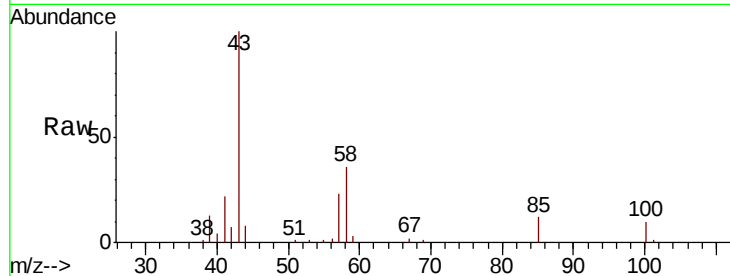




#51
 4-Methyl-2-Pentanone
 Concen: 5.080 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

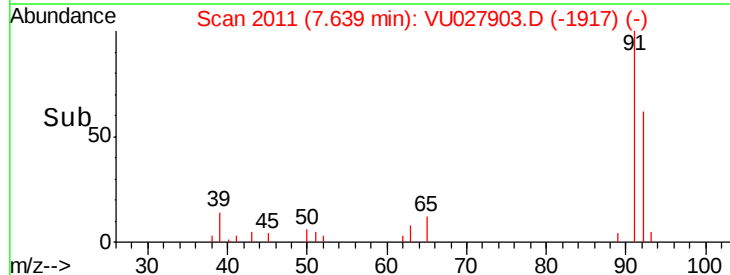
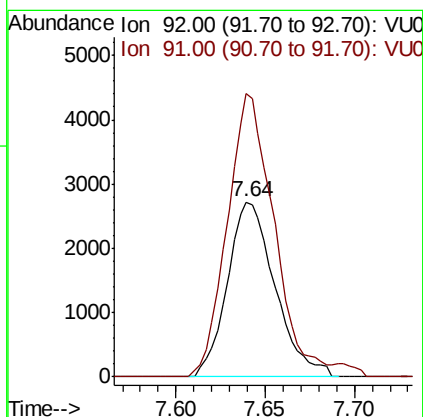
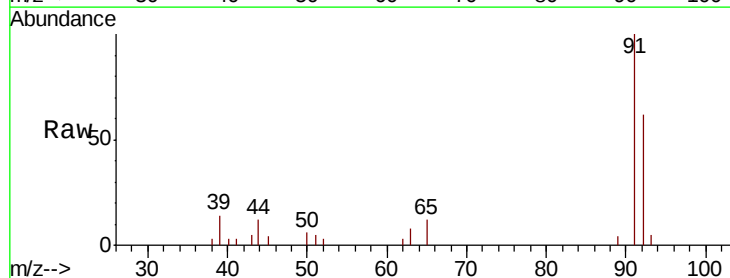
Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 43 Resp: 21126
 Ion Ratio Lower Upper
 43 100
 58 33.8 29.5 44.3



#52
 Toluene
 Concen: 0.936 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion: 92 Resp: 5043
 Ion Ratio Lower Upper
 92 100
 91 159.1 141.2 211.8

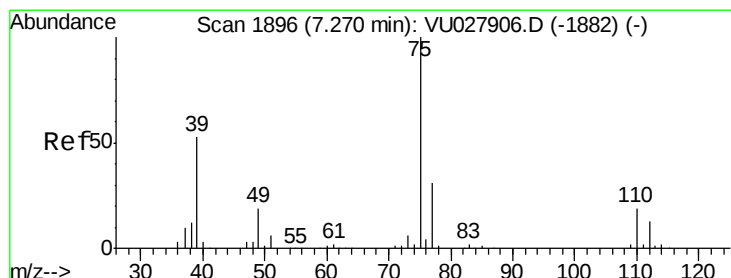
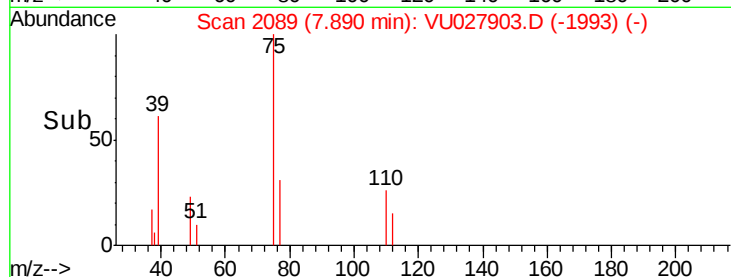
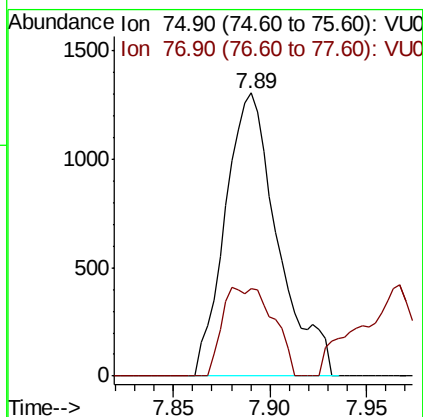
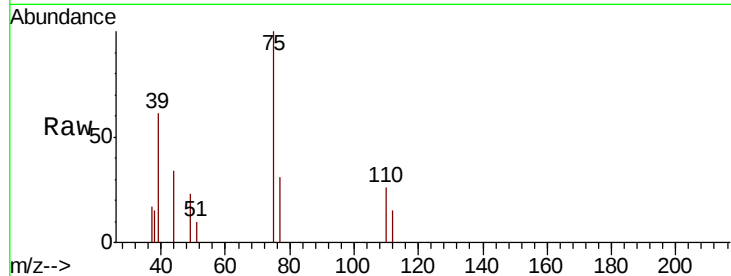




#53
t-1,3-Dichloropropene
Concen: 0.689 ug/l
RT: 7.89 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

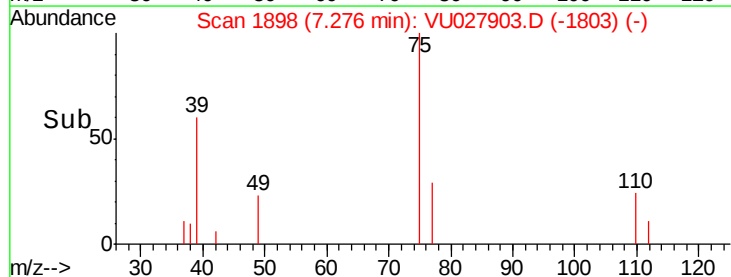
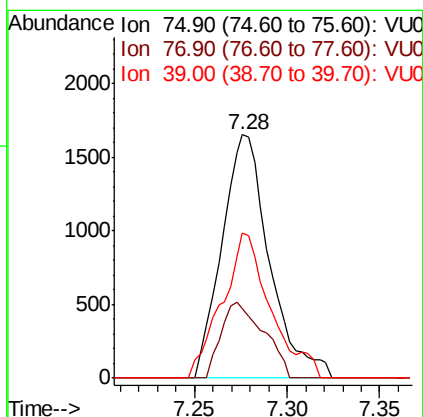
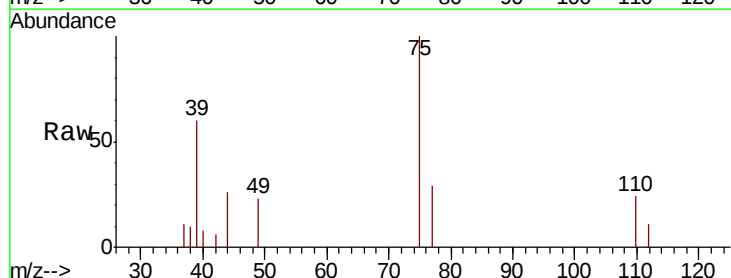
Instrument :
MSVOA_X
ClientSampled :

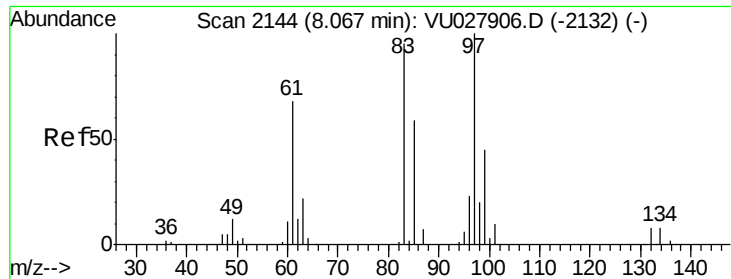
Tgt Ion: 75 Resp: 2468
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 0.764 ug/l
RT: 7.28 min Scan# 1898
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 75 Resp: 2943
Ion Ratio Lower Upper
75 100
77 28.6 24.6 37.0
39 59.8 42.6 64.0

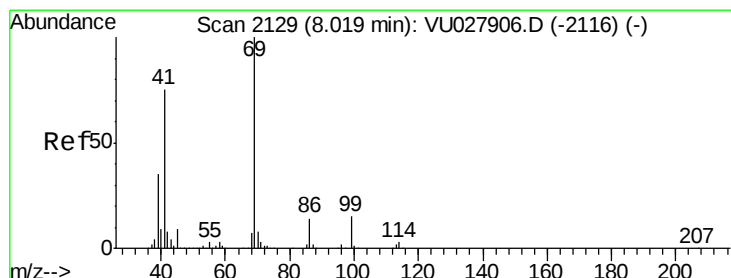
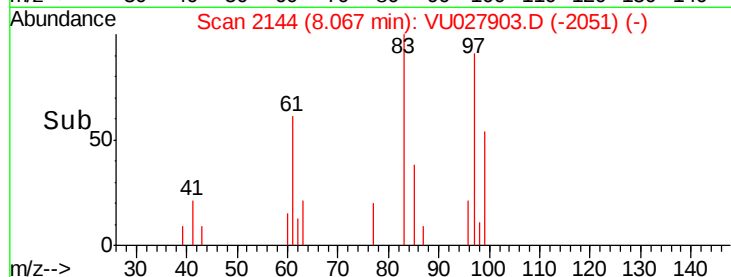
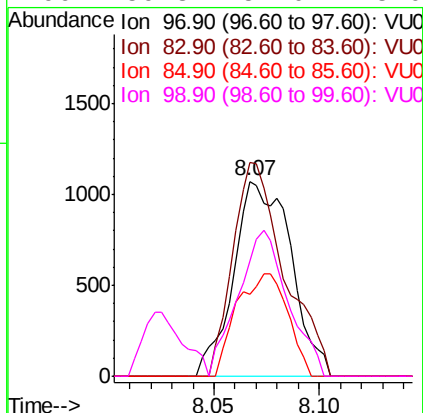
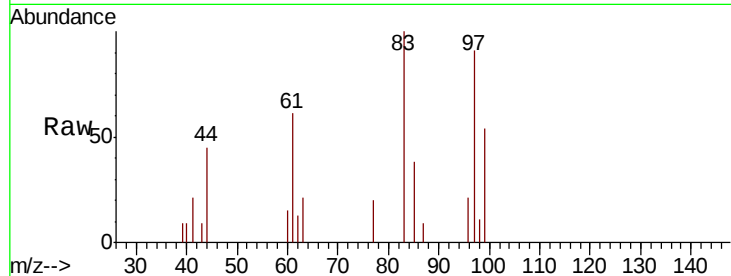




#55
 1,1,2-Trichloroethane
 Concen: 0.951 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

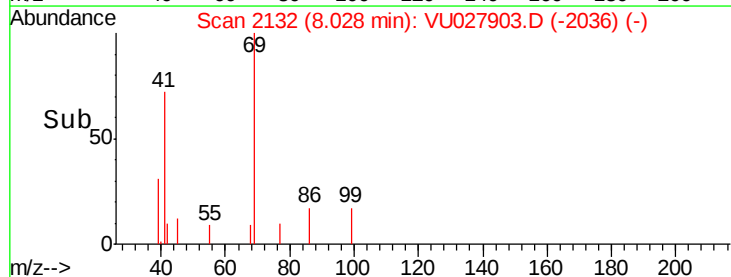
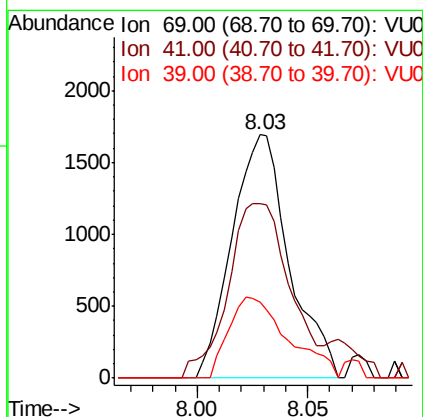
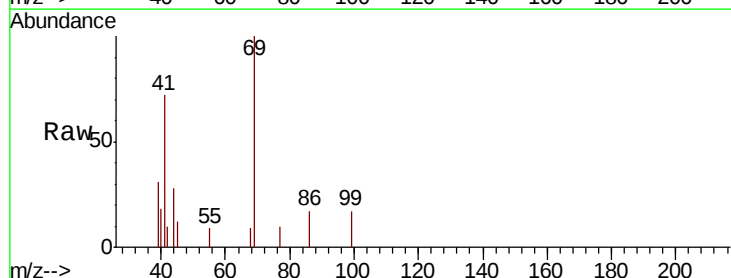
Instrument :
 MSVOA_X
 ClientSampleId :

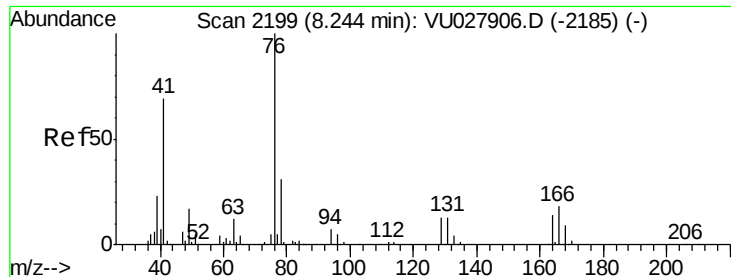
Tgt Ion:	97	Resp:	2031
Ion	Ratio	Lower	Upper
97	100		
83	109.5	76.1	114.1
85	41.8	48.9	73.3#
99	59.3	52.0	78.0



#56
 Ethyl methacrylate
 Concen: 0.850 ug/l
 RT: 8.03 min Scan# 2132
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion:	69	Resp:	3047
Ion	Ratio	Lower	Upper
69	100		
41	78.1	59.8	89.6
39	34.6	28.6	42.8

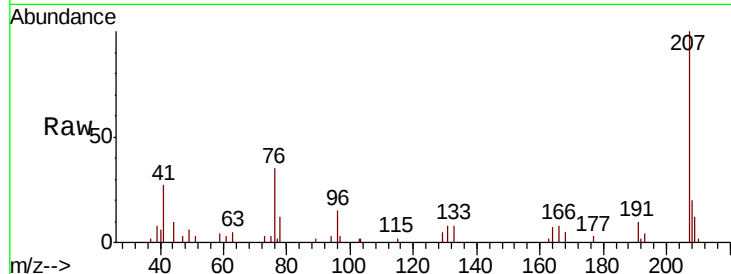




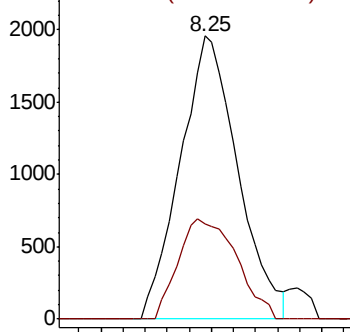
#57
 1,3-Dichloropropane
 Concen: 0.857 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_X
 ClientSampleId :

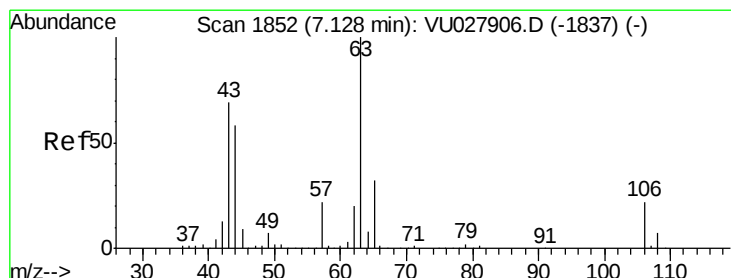
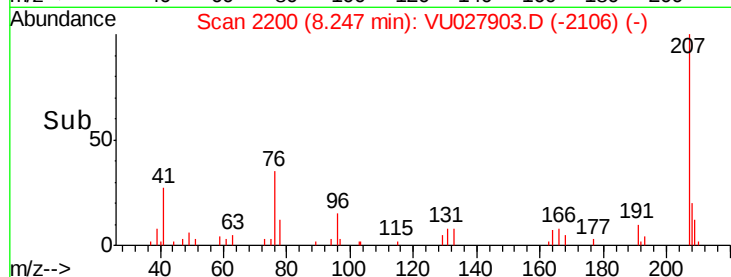
Tgt Ion: 76 Resp: 3542
 Ion Ratio Lower Upper
 76 100
 78 35.9 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VU0
 Ion 77.90 (77.60 to 78.60): VU0

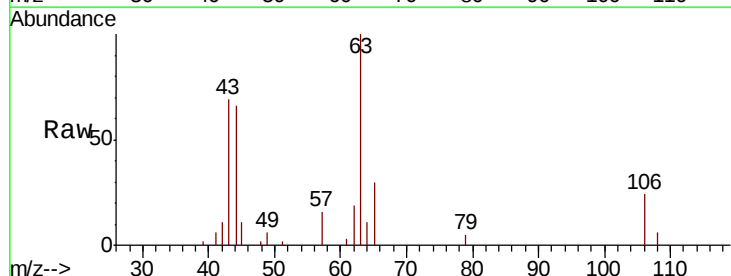


Time-->

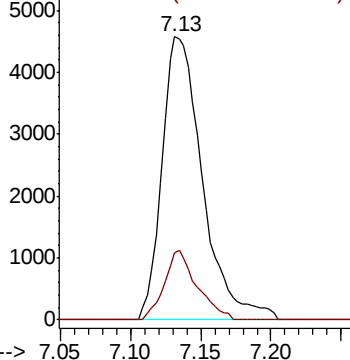


#58
 2-Chloroethyl Vinyl ether
 Concen: 4.651 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

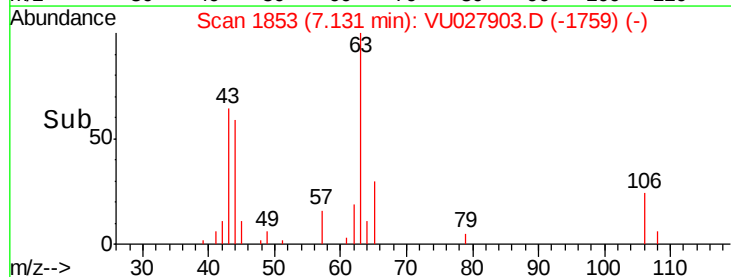
Tgt Ion: 63 Resp: 9133
 Ion Ratio Lower Upper
 63 100
 106 19.9 17.8 26.6

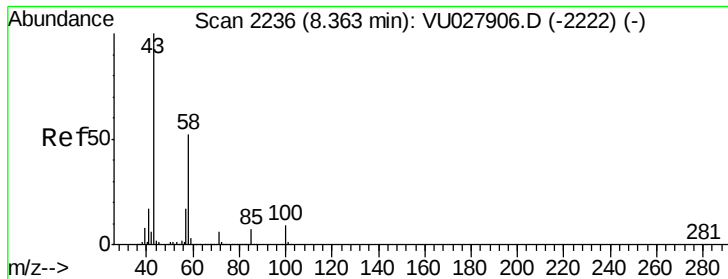


Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 105.90 (105.60 to 106.60): V



Time-->

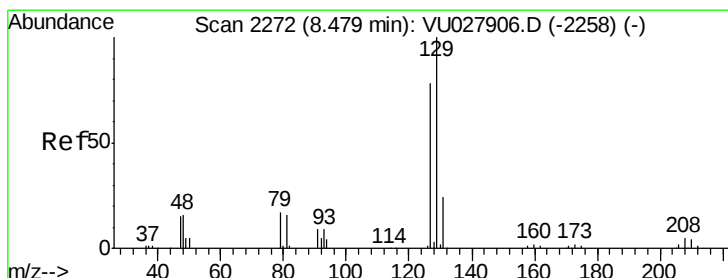
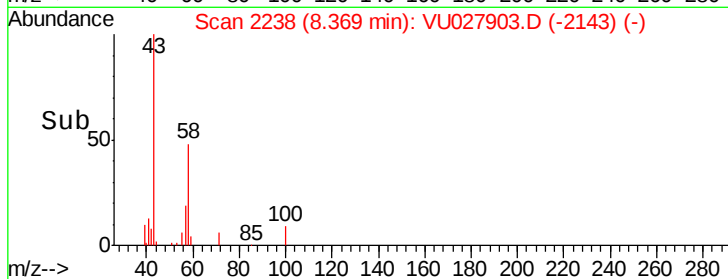
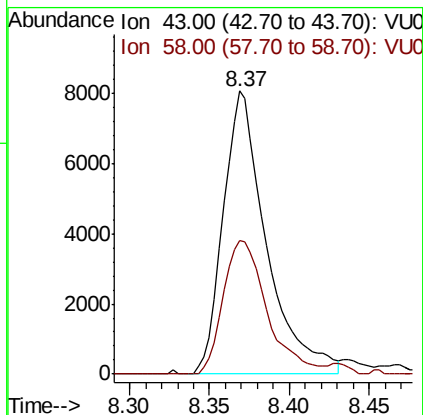
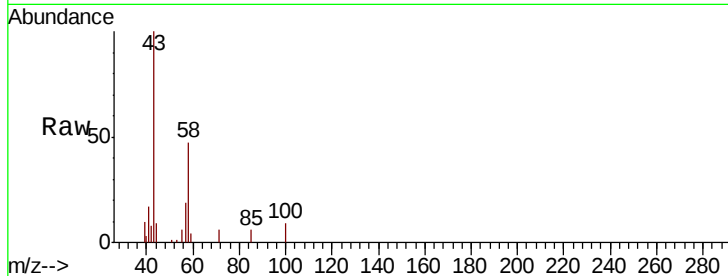




#59
2-Hexanone
Concen: 4.615 ug/l
RT: 8.37 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

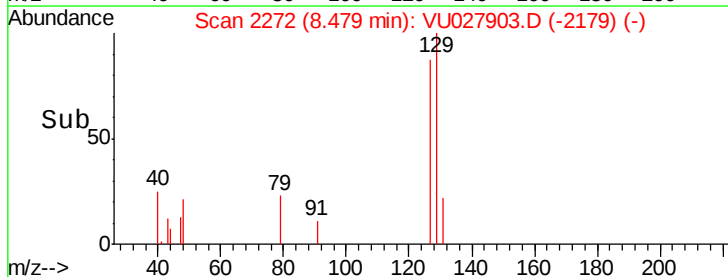
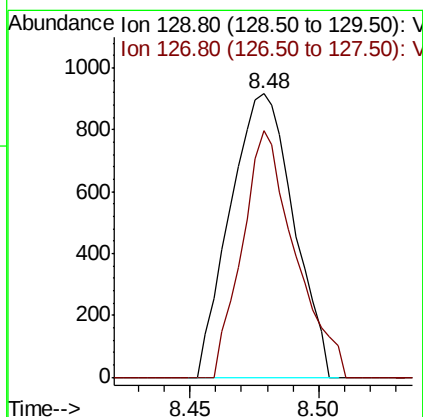
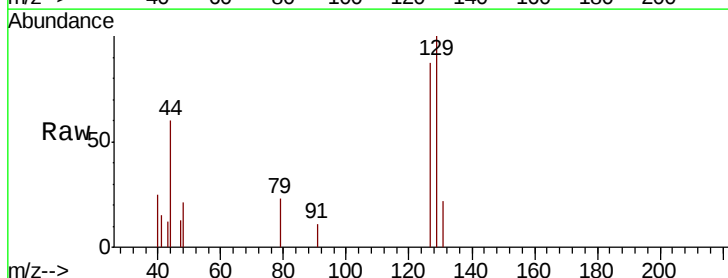
Instrument :
MSVOA_X
ClientSampleId :

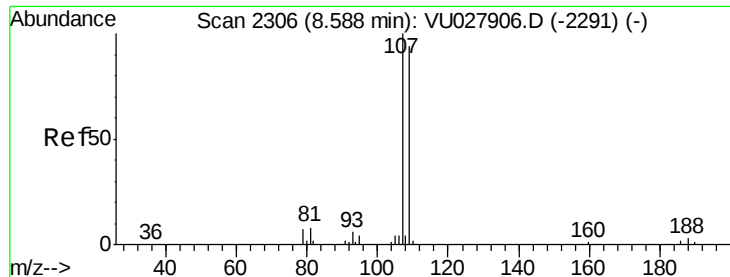
Tgt Ion: 43 Resp: 14921
Ion Ratio Lower Upper
43 100
58 47.7 25.8 77.3



#60
Dibromochloromethane
Concen: 0.731 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 129 Resp: 1569
Ion Ratio Lower Upper
129 100
127 72.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 0.859 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

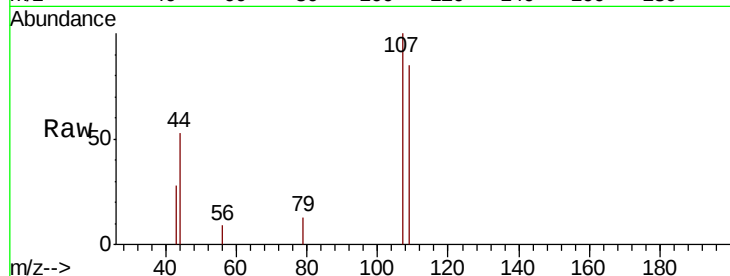
ClientSampleId :

Tgt Ion: 107 Resp: 1971

Ion Ratio Lower Upper

107 100

109 82.0 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

1200

1000

800

600

400

200

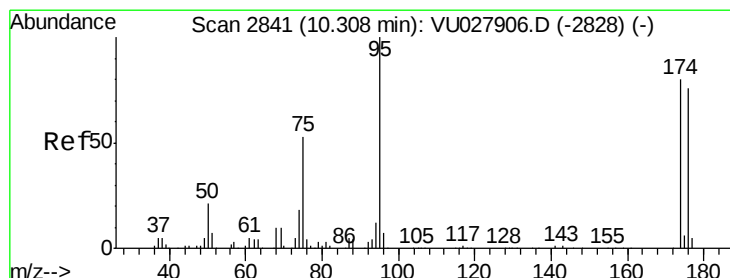
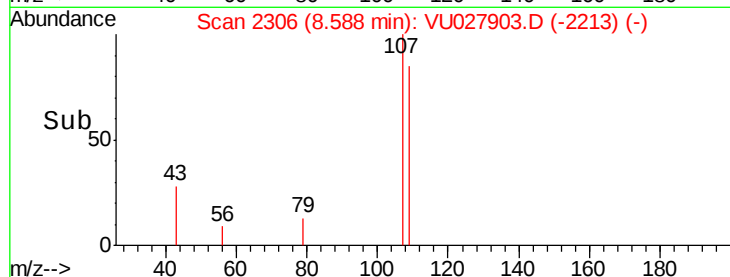
0

Time-->

8.55

8.60

8.65



#62

4-Bromofluorobenzene

Concen: 1.132 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

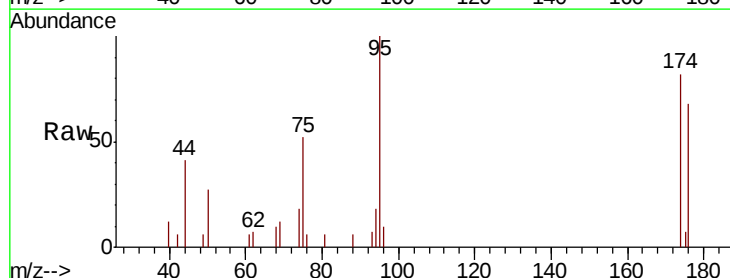
Tgt Ion: 95 Resp: 3074

Ion Ratio Lower Upper

95 100

174 75.7 0.0 156.4

176 67.2 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

2500

2000

1500

1000

500

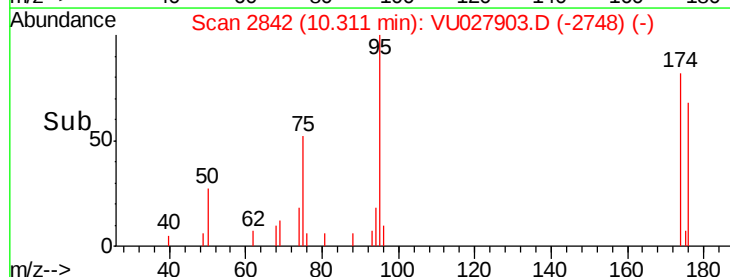
0

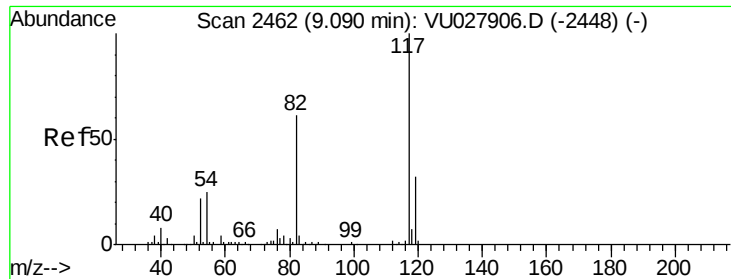
Time-->

10.25

10.30

10.35

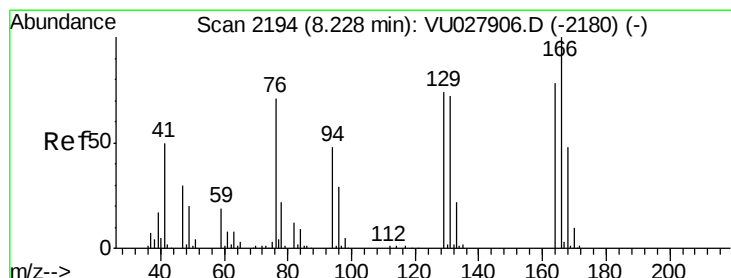
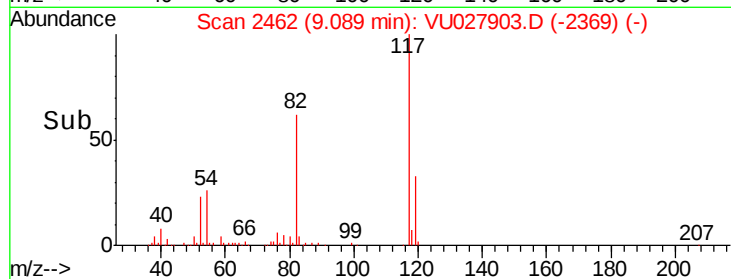
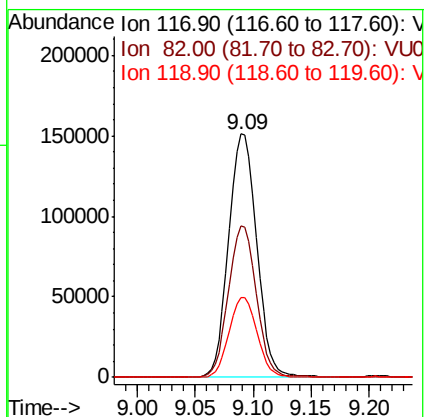
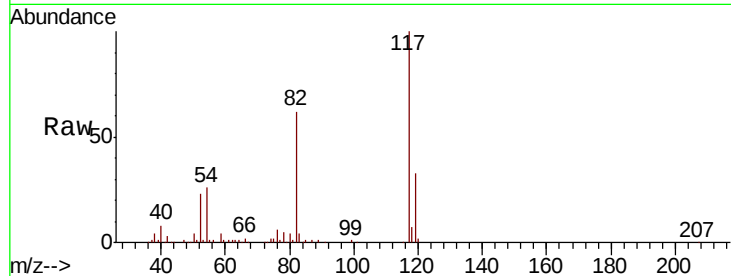




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

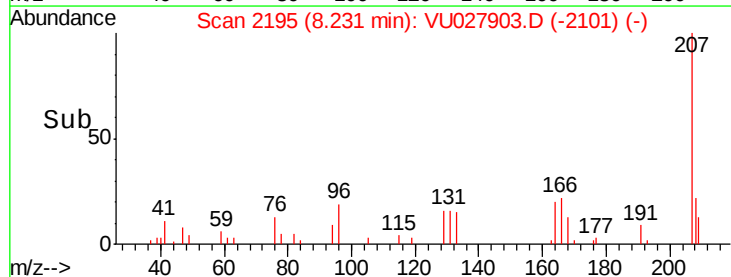
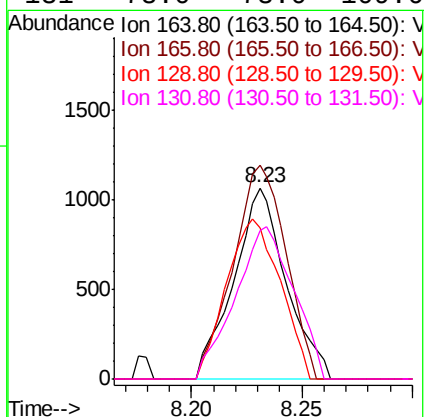
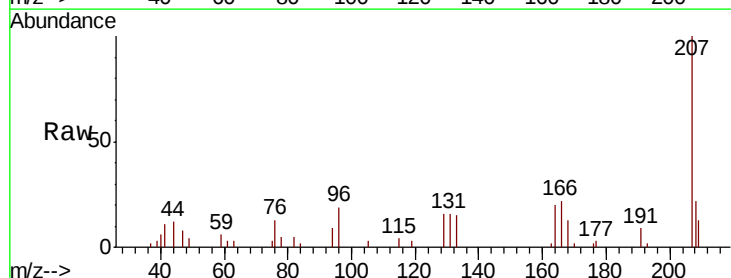
Instrument :
MSVOA_X
ClientSampleId :

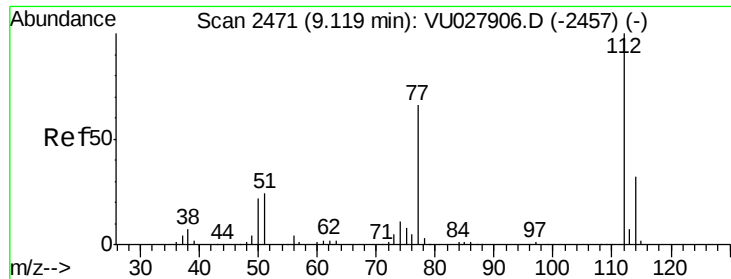
Tgt Ion:117 Resp: 253709
Ion Ratio Lower Upper
117 100
82 62.2 48.6 73.0
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 1.113 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:164 Resp: 1757
Ion Ratio Lower Upper
164 100
166 111.7 102.1 153.1
129 79.1 75.9 113.9
131 78.0 73.0 109.6

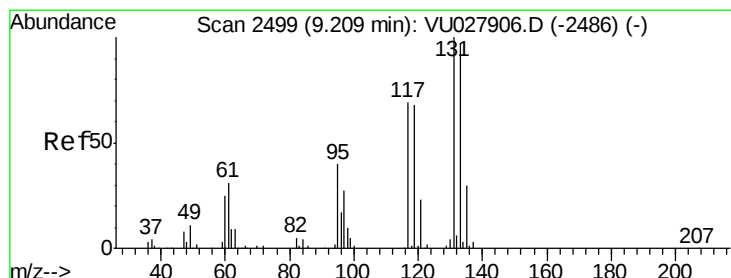
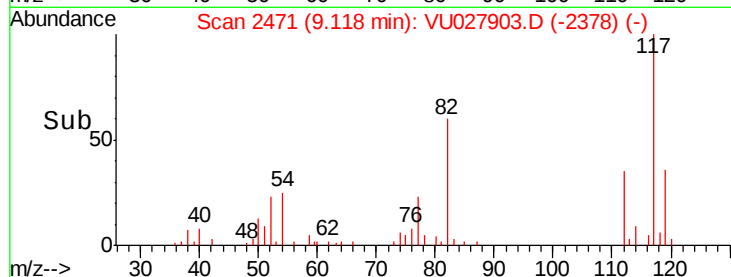
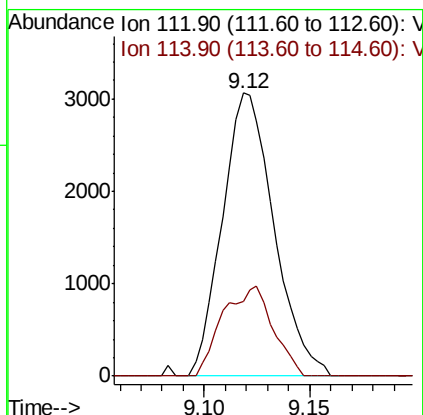
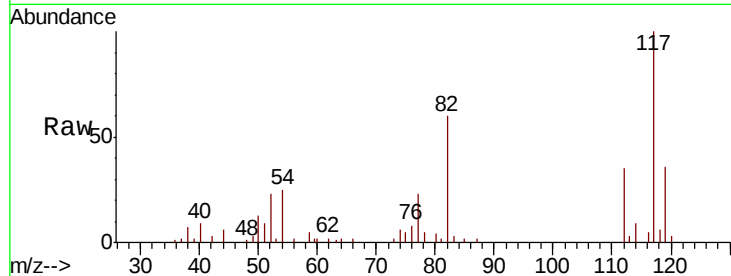




#65
Chlorobenzene
Concen: 0.972 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

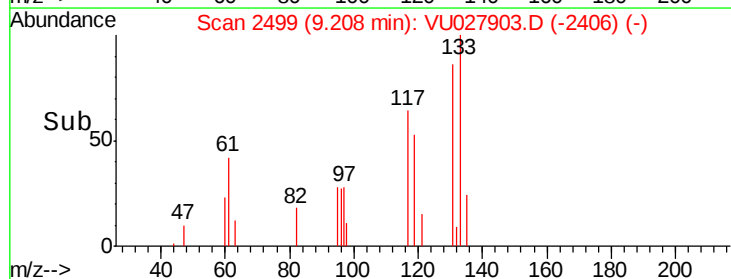
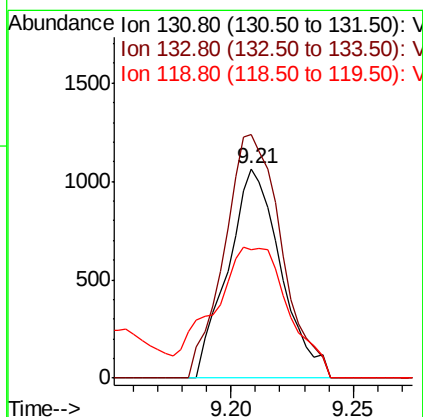
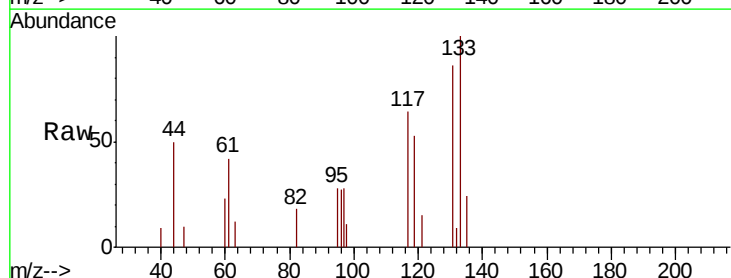
Instrument :
MSVOA_X
ClientSampleId :

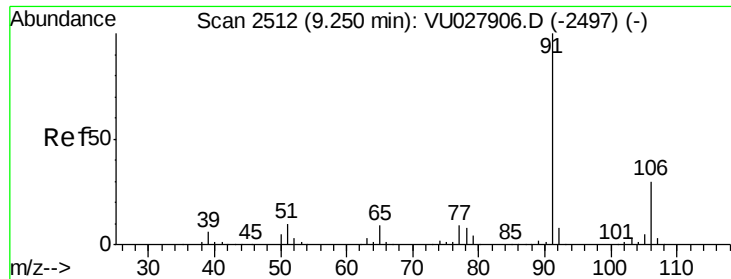
Tgt Ion:112 Resp: 5208
Ion Ratio Lower Upper
112 100
114 26.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.868 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:131 Resp: 1602
Ion Ratio Lower Upper
131 100
133 125.5 48.1 144.4
119 0.0 34.0 101.8#

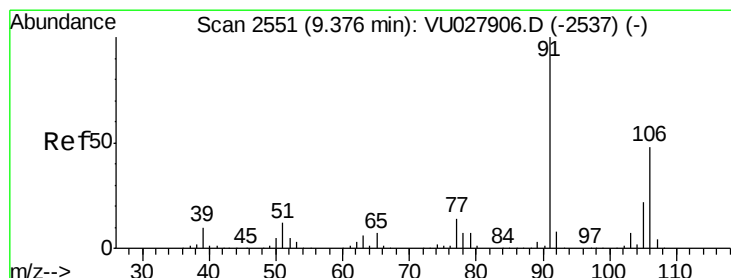
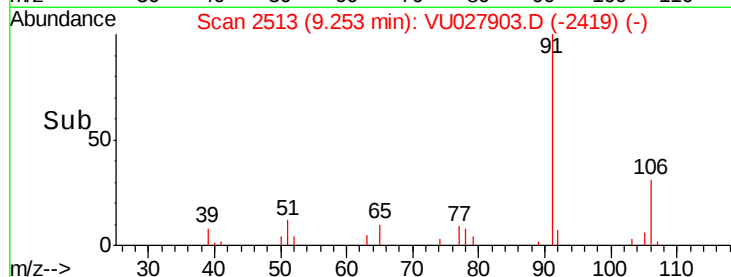
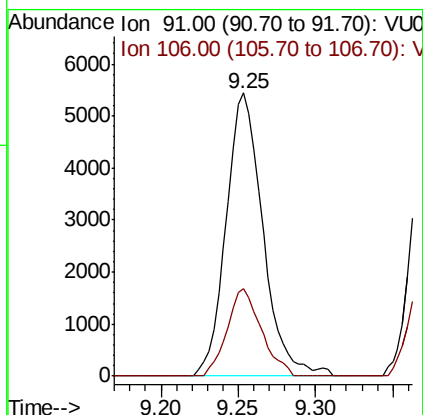
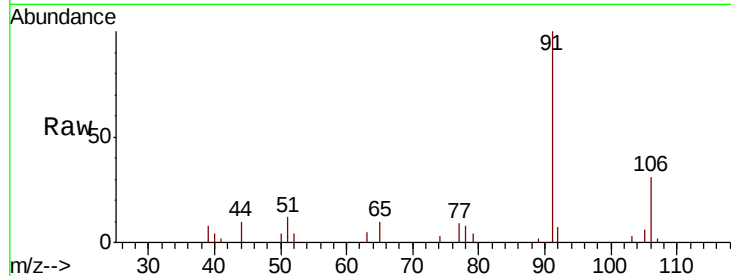




#67
Ethyl Benzene
Concen: 0.943 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

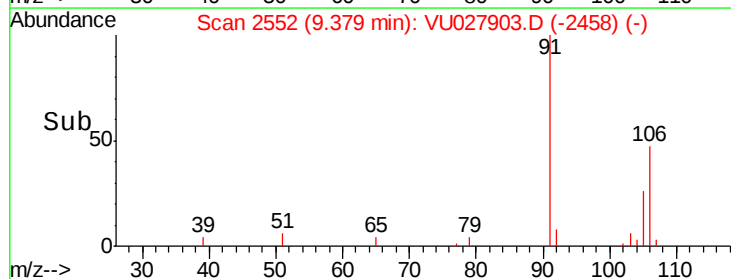
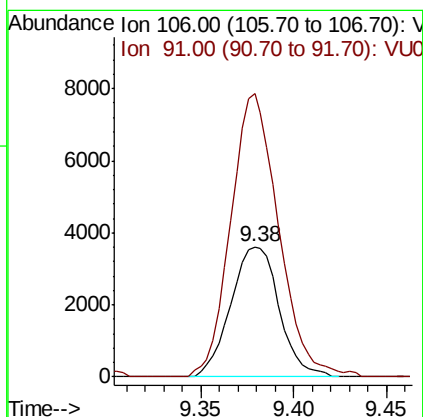
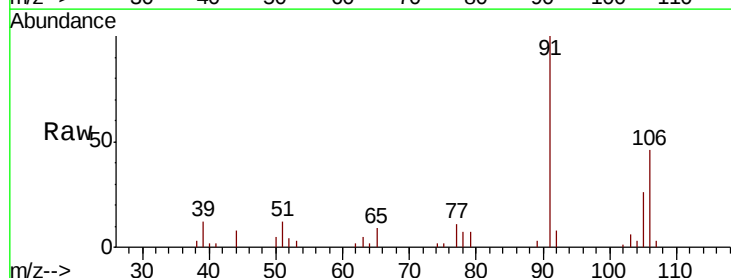
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 91 Resp: 8966
Ion Ratio Lower Upper
91 100
106 30.9 23.6 35.4



#68
m/p-Xylenes
Concen: 1.887 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 106 Resp: 6540
Ion Ratio Lower Upper
106 100
91 214.8 168.2 252.4

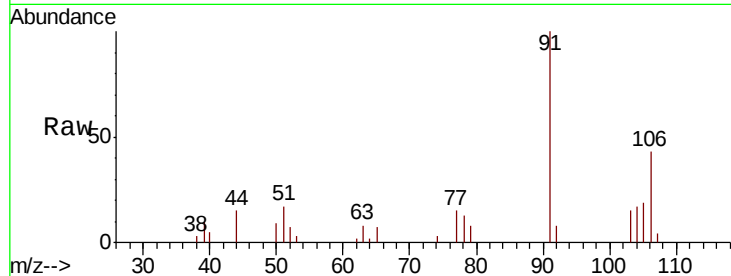




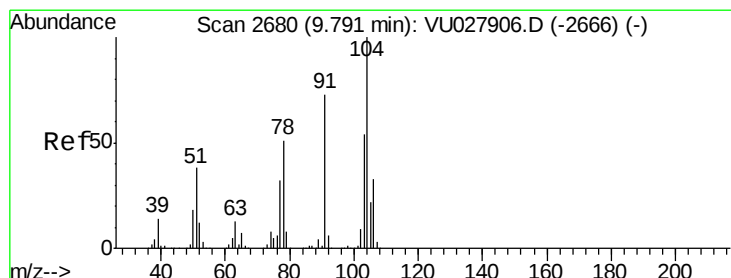
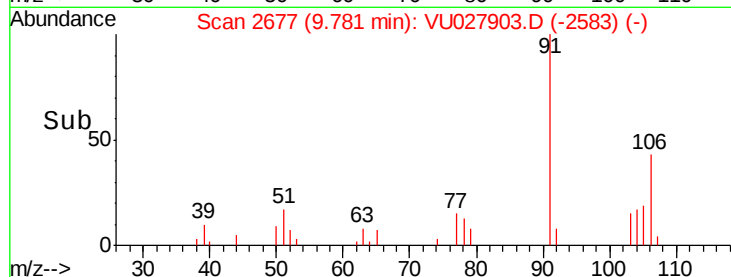
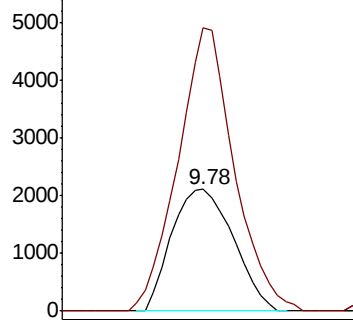
#69
o-Xylene
Concen: 1.062 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 3513
Ion Ratio Lower Upper
106 100
91 212.2 111.1 333.4

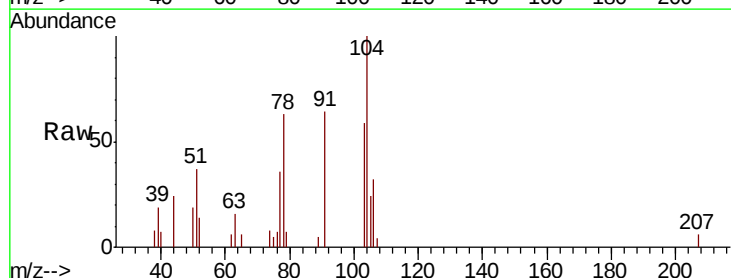


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

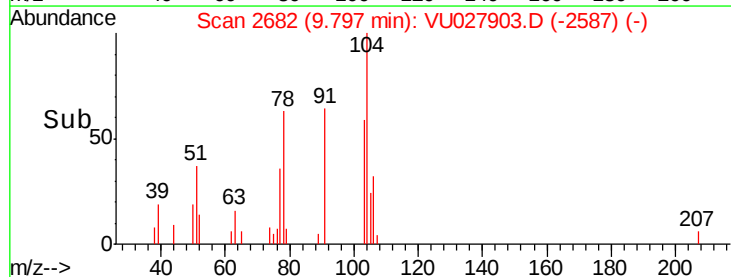
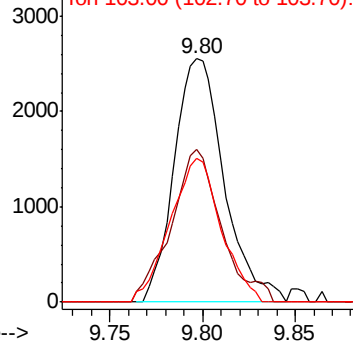


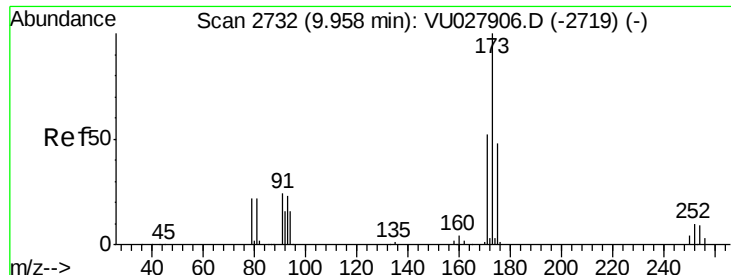
#70
Styrene
Concen: 0.883 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:104 Resp: 4800
Ion Ratio Lower Upper
104 100
78 62.8 43.0 64.4
103 59.9 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

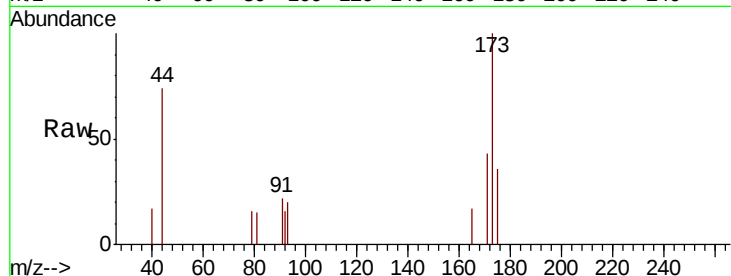




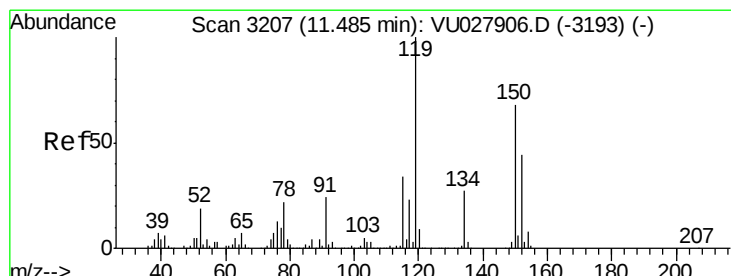
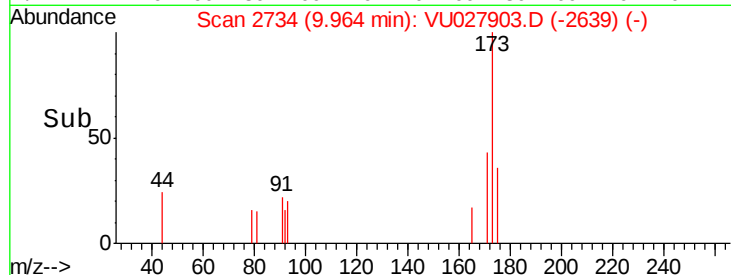
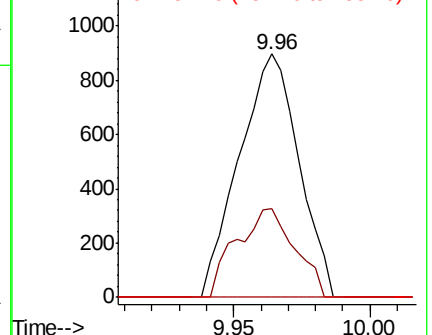
#71
Bromoform
Concen: 0.907 ug/l
RT: 9.96 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:173 Resp: 1360
Ion Ratio Lower Upper
173 100
175 35.7 24.3 72.8
254 0.0 0.0 0.0

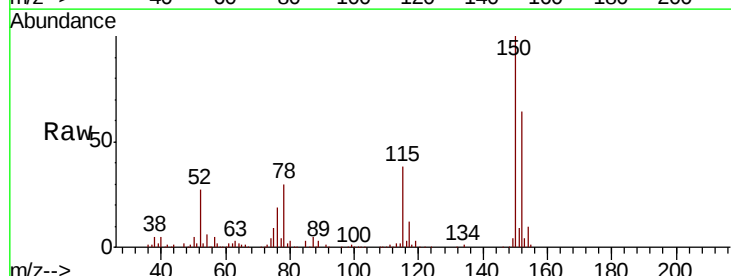


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

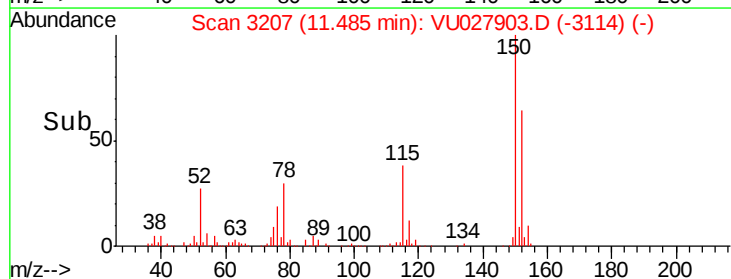
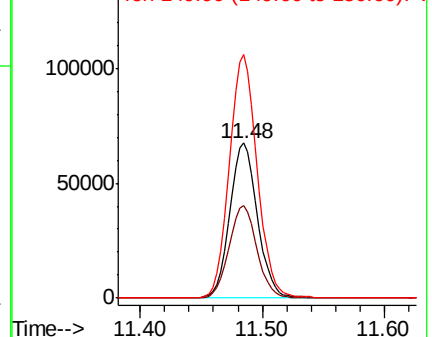


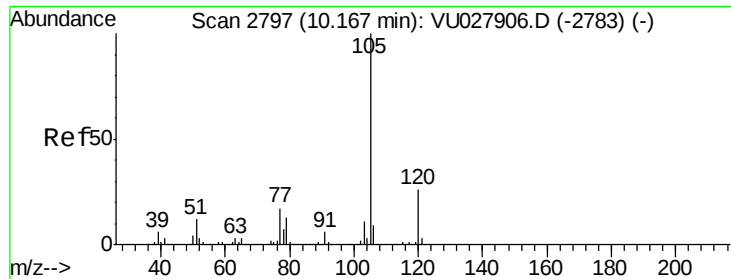
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:152 Resp: 107201
Ion Ratio Lower Upper
152 100
115 60.3 43.0 129.0
150 158.0 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: 1.107 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

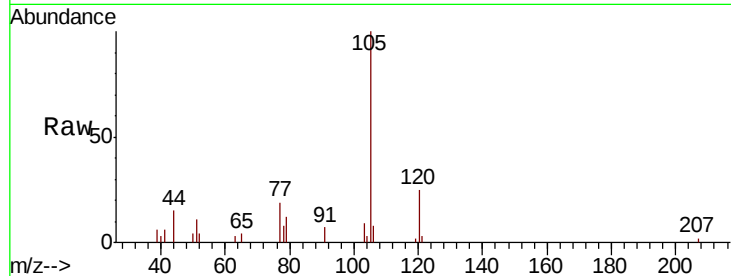
ClientSampleId :

Tgt Ion: 105 Resp: 8627

Ion Ratio Lower Upper

105 100

120 24.4 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

6000

5000

4000

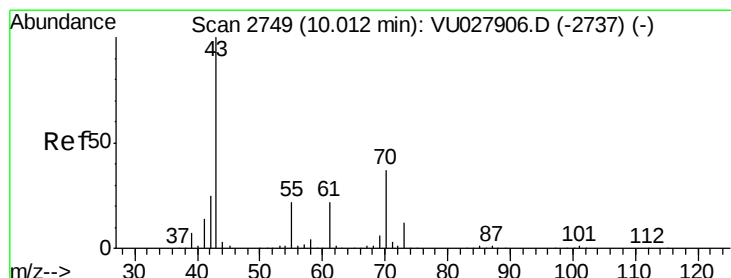
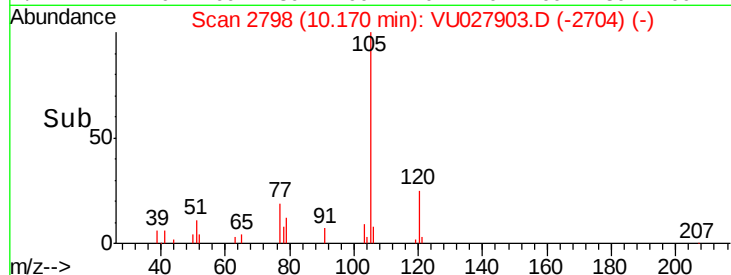
3000

2000

1000

0

Time--> 10.10 10.15 10.20



#74

N-ethyl acetate

Concen: 1.028 ug/l

RT: 10.02 min Scan# 2751

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion: 43 Resp: 4681

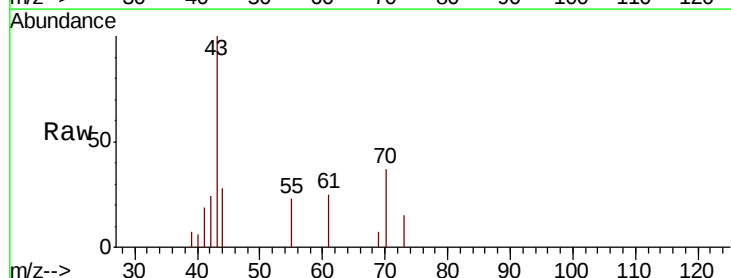
Ion Ratio Lower Upper

43 100

70 35.5 29.2 43.8

55 19.0 17.8 26.6

61 19.7 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

4000

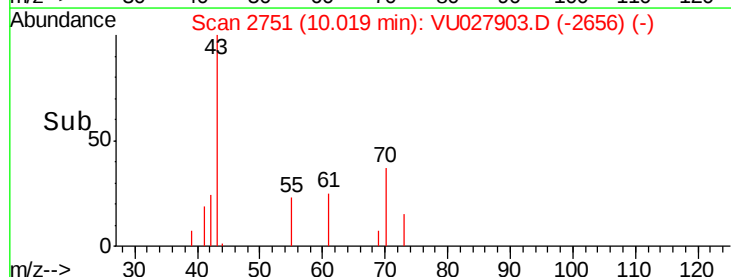
3000

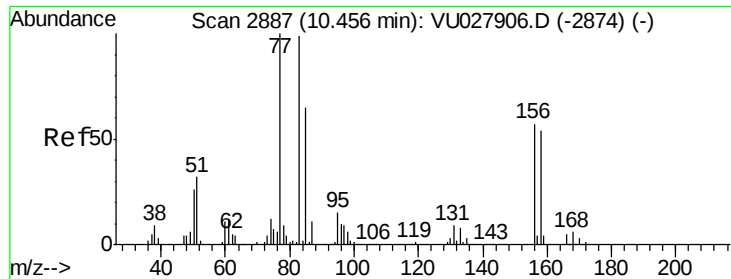
2000

1000

0

Time--> 9.95 10.00 10.05 10.10

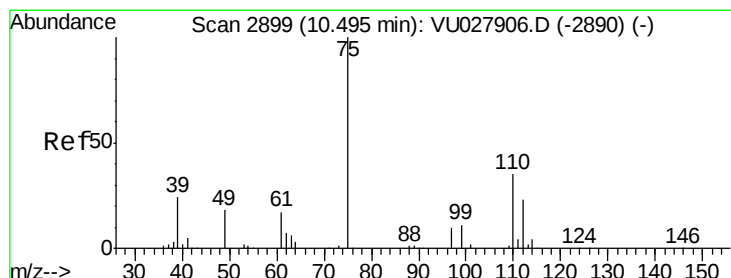
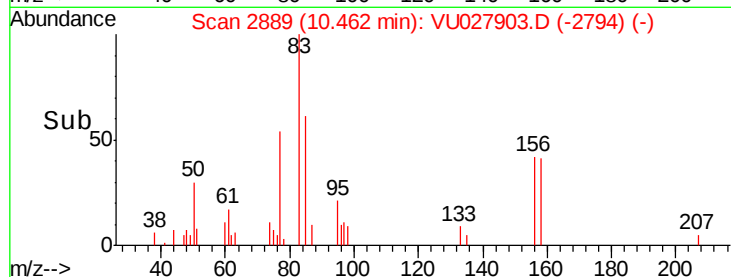
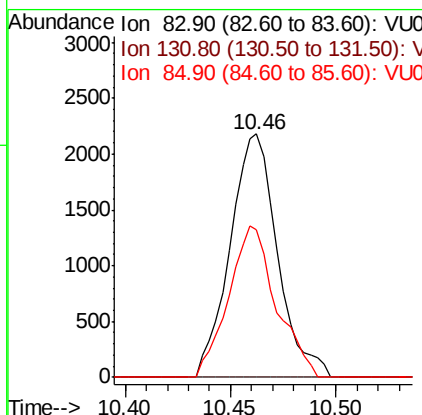
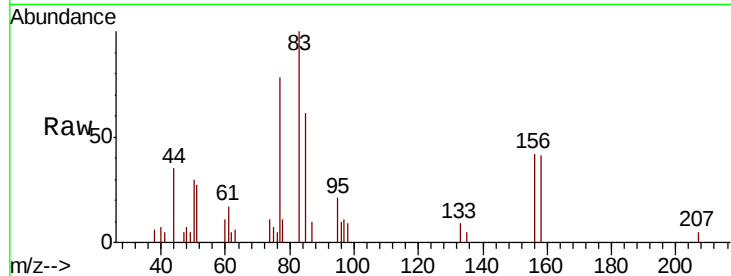




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.094 ug/l
 RT: 10.46 min Scan# 2889
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

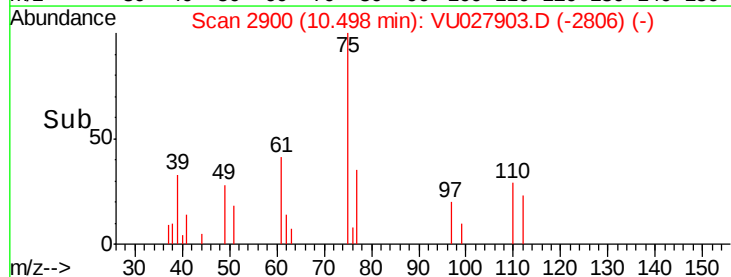
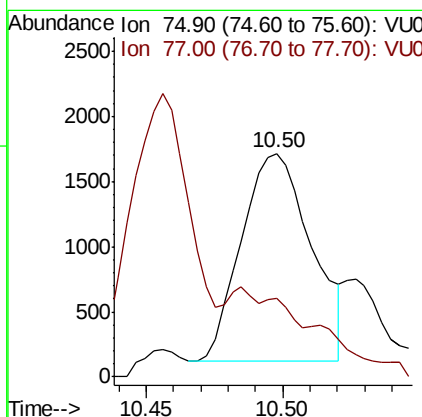
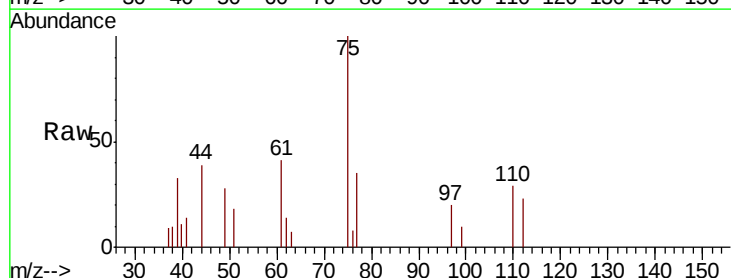
Instrument :
 MSVOA_X
 ClientSampleId :

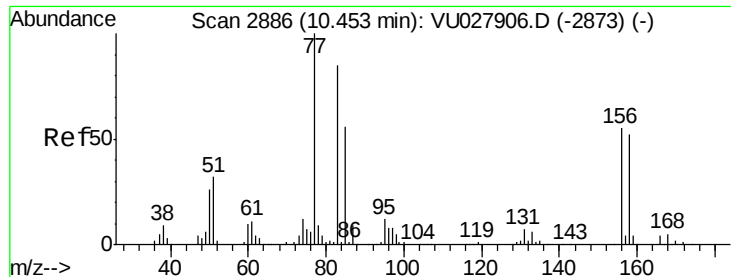
Tgt Ion: 83 Resp: 3401
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.3 13.1#
 85 62.0 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 1.020 ug/l
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion: 75 Resp: 2836
 Ion Ratio Lower Upper
 75 100
 77 50.9 21.6 64.6





#77

Bromobenzene

Concen: 0.900 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

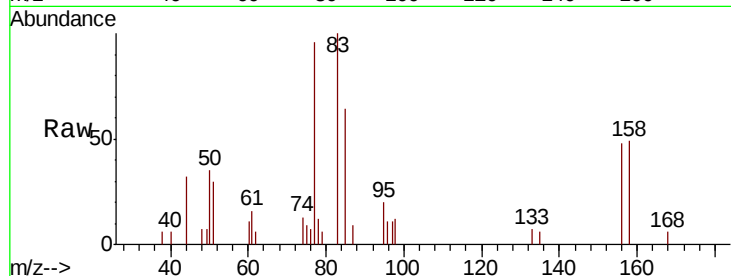
Tgt Ion:156 Resp: 1647

Ion Ratio Lower Upper

156 100

77 208.0 91.8 275.6

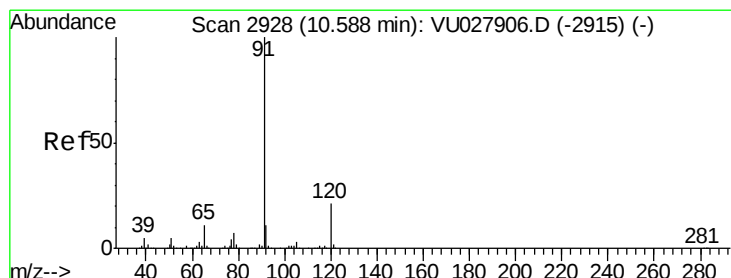
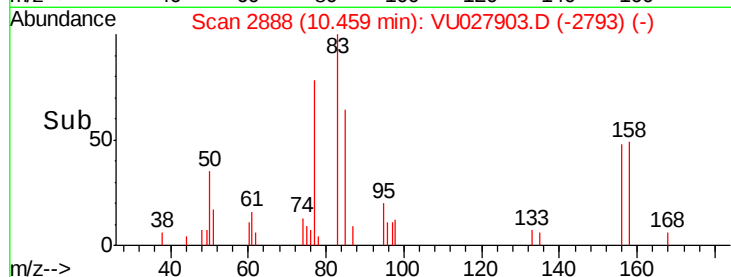
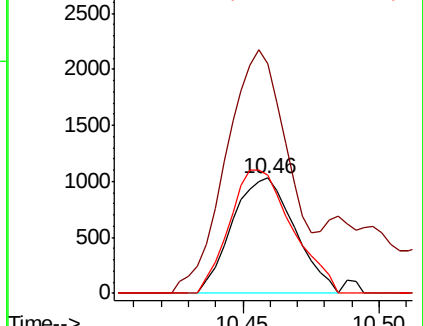
158 106.9 48.4 145.2



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: 1.013 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027903.D

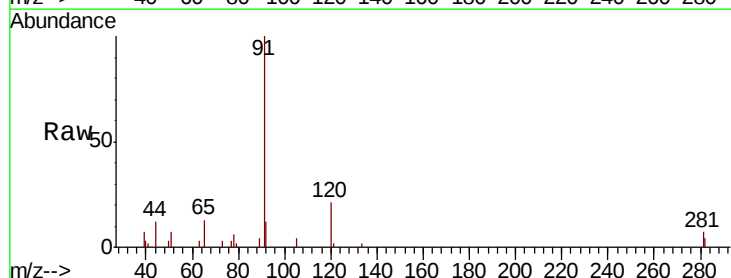
Acq: 01 Nov 2018 18:02

Tgt Ion: 91 Resp: 9501

Ion Ratio Lower Upper

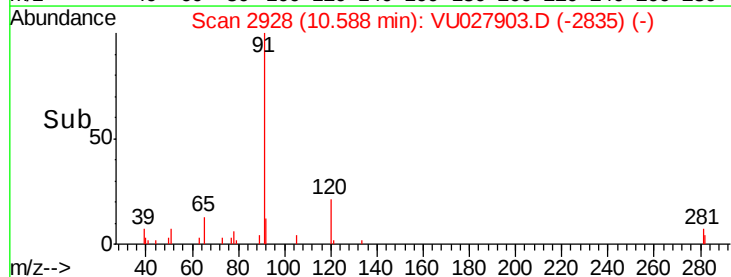
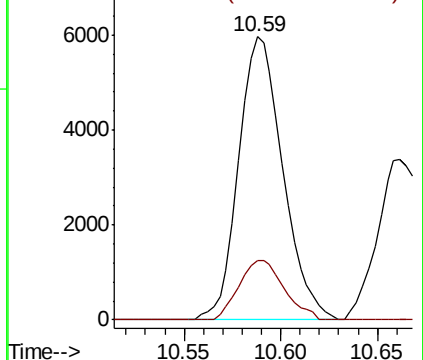
91 100

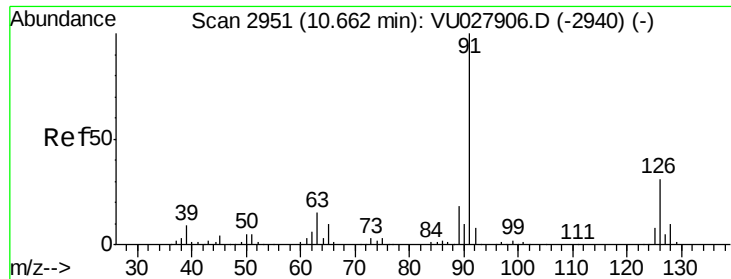
120 21.5 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

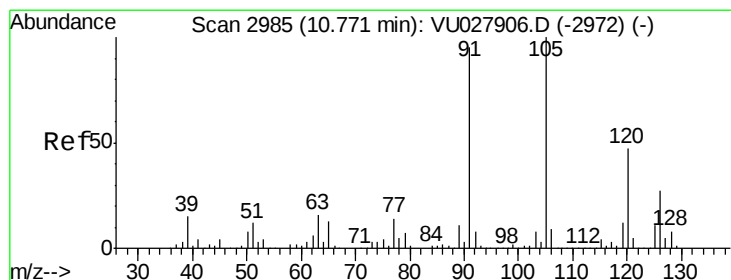
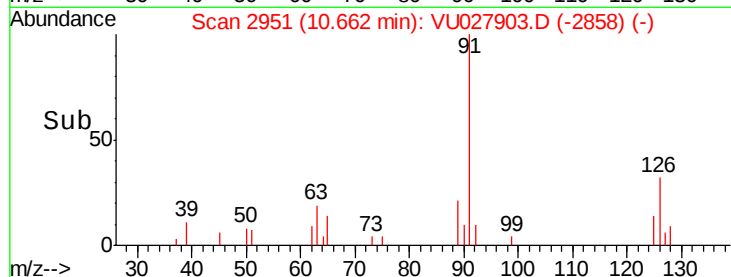
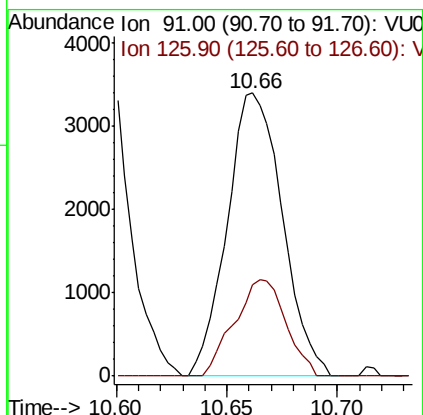
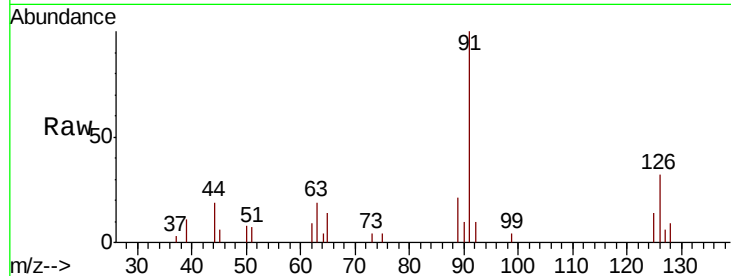




#79
 2-Chlorotoluene
 Concen: 1.045 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

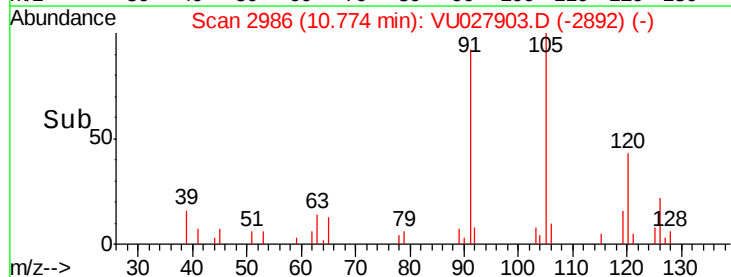
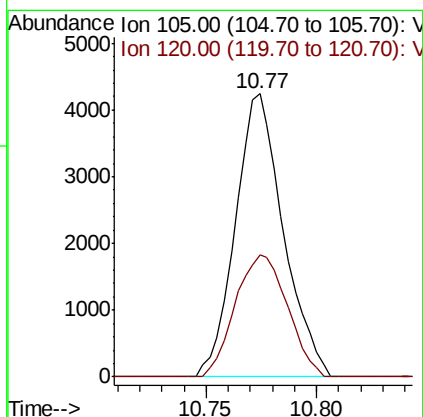
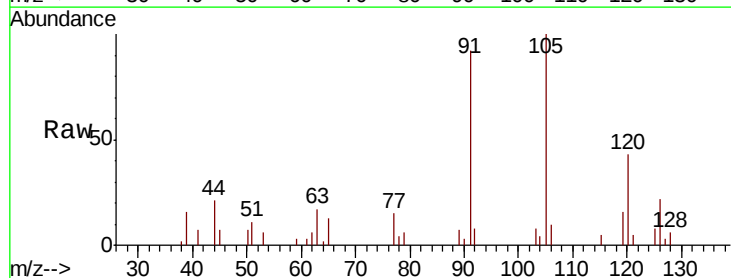
Instrument :
 MSVOA_X
 ClientSampleId :

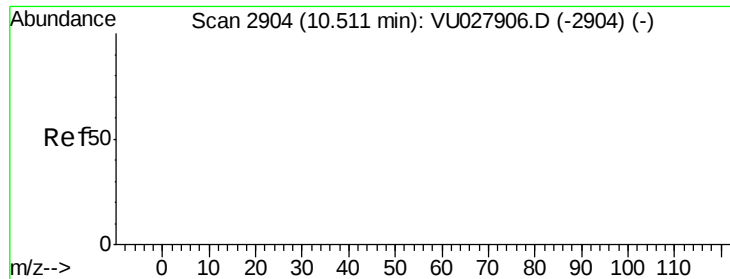
Tgt Ion: 91 Resp: 5916
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 1.001 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion: 105 Resp: 6391
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.3 69.9

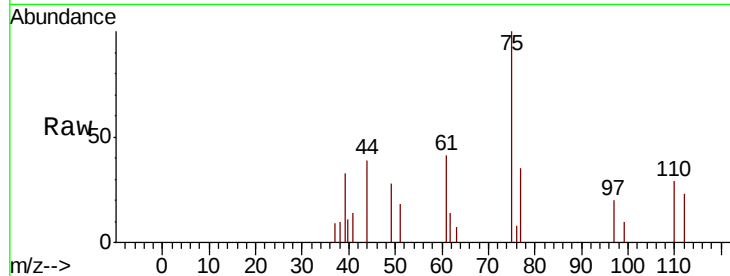




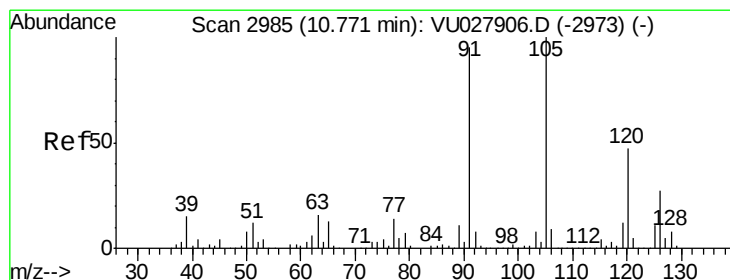
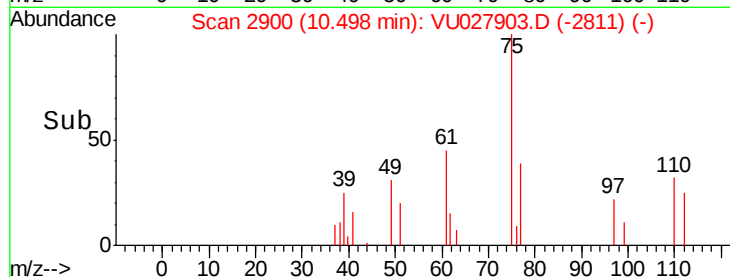
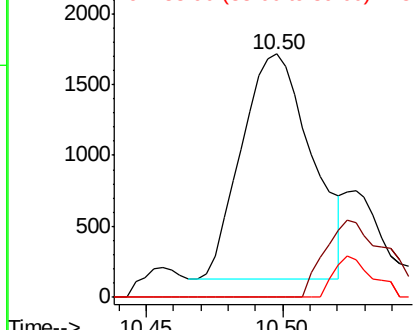
#81
trans-1,4-Dichloro-2-butene
Concen: 2.637 ug/l
RT: 10.50 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 2836
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

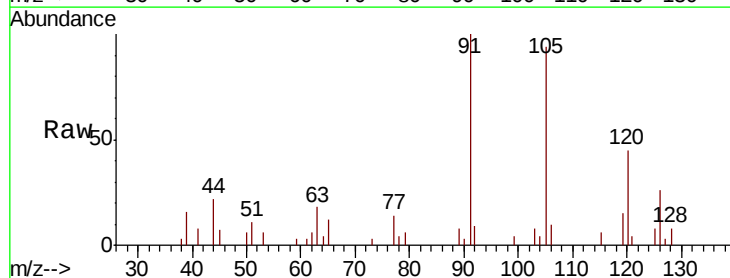


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

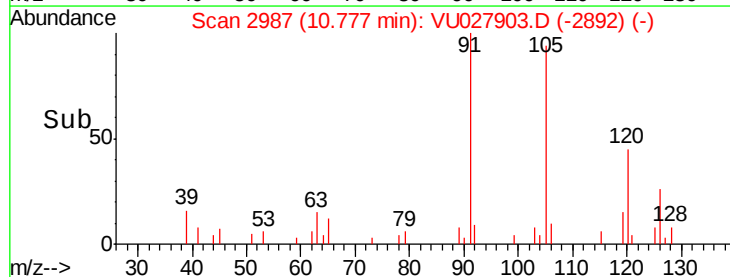
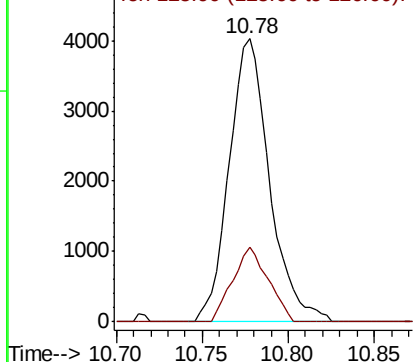


#82
4-Chlorotoluene
Concen: 1.028 ug/l
RT: 10.78 min Scan# 2987
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 91 Resp: 6586
Ion Ratio Lower Upper
91 100
126 23.2 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

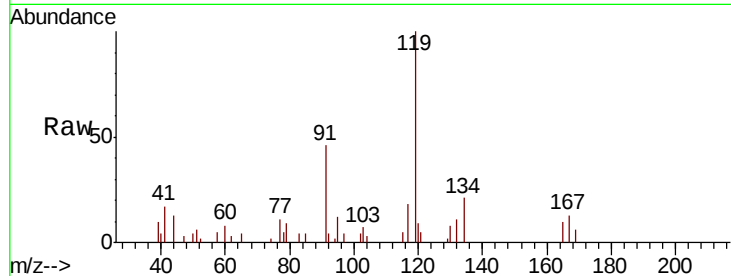




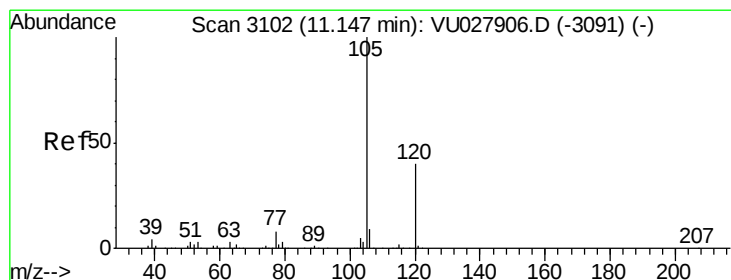
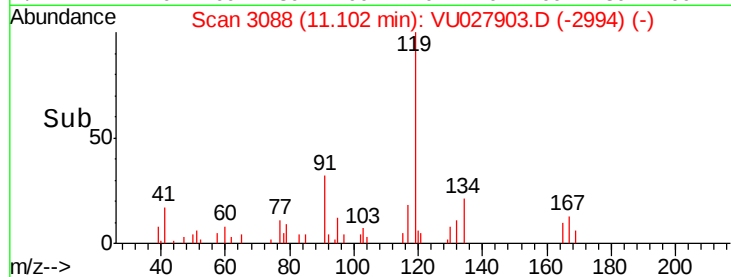
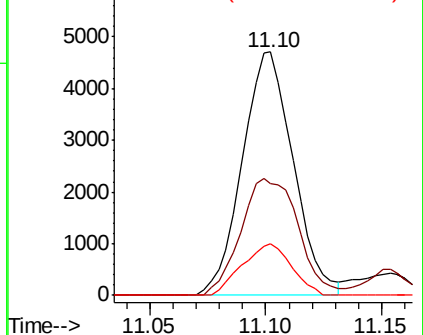
#83
 tert-Butylbenzene
 Concen: 1.169 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:119 Resp: 7218
 Ion Ratio Lower Upper
 119 100
 91 54.2 29.8 89.3
 134 20.5 11.1 33.1

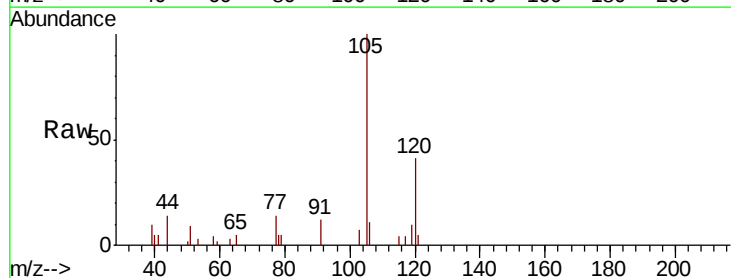


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

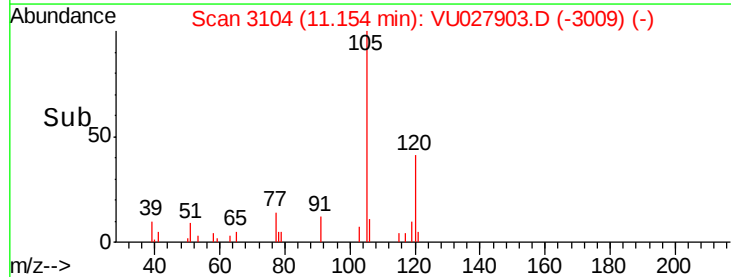
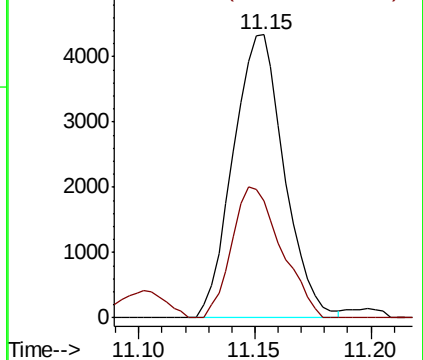


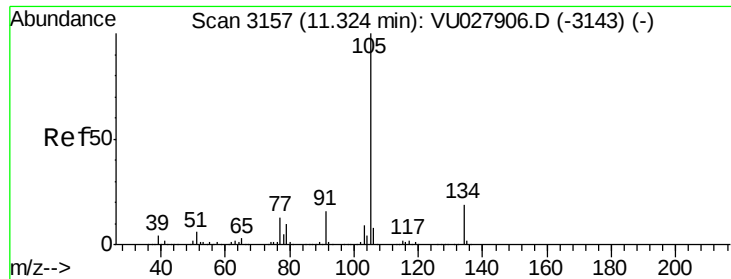
#84
 1,2,4-Trimethylbenzene
 Concen: 1.023 ug/l
 RT: 11.15 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion:105 Resp: 6652
 Ion Ratio Lower Upper
 105 100
 120 44.6 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: 1.017 ug/l

RT: 11.33 min Scan# 3158

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

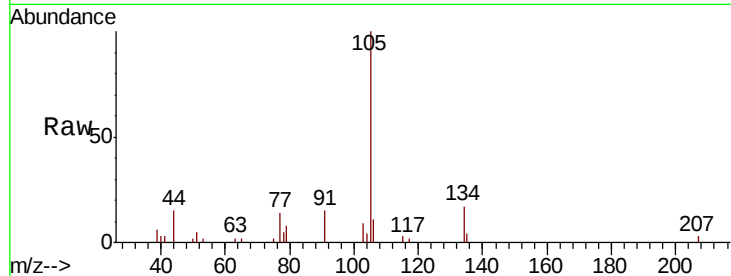
ClientSampleId :

Tgt Ion:105 Resp: 7901

Ion Ratio Lower Upper

105 100

134 15.5 9.2 27.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

6000

5000

4000

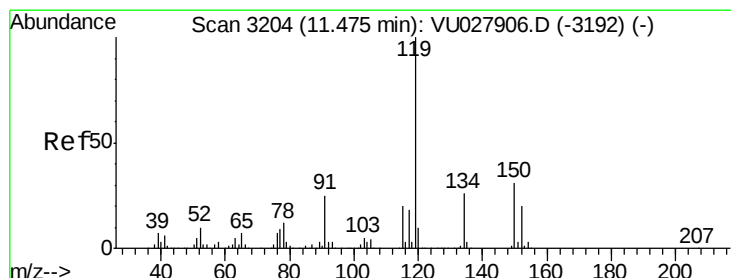
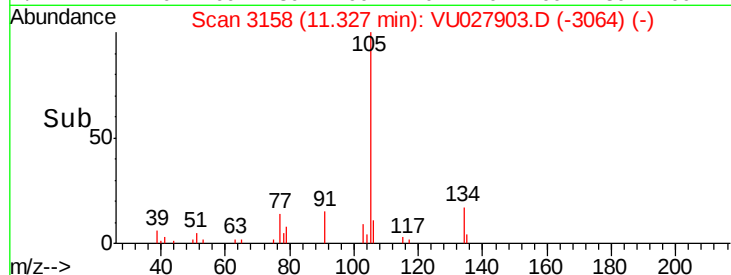
3000

2000

1000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.972 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

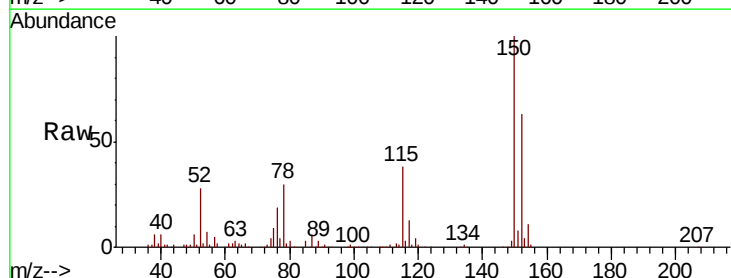
Tgt Ion:119 Resp: 6429

Ion Ratio Lower Upper

119 100

134 29.4 12.9 38.7

91 29.3 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

5000

4000

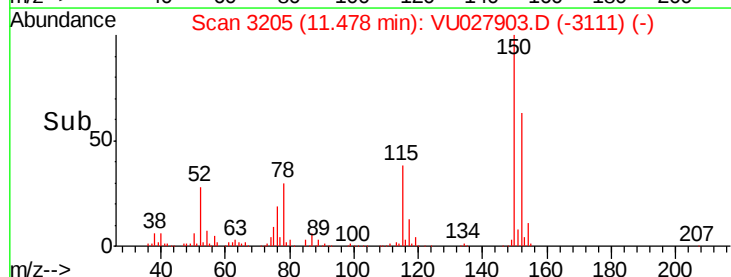
3000

2000

1000

0

Time-->

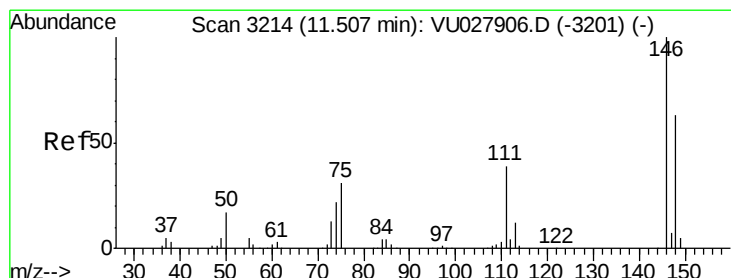
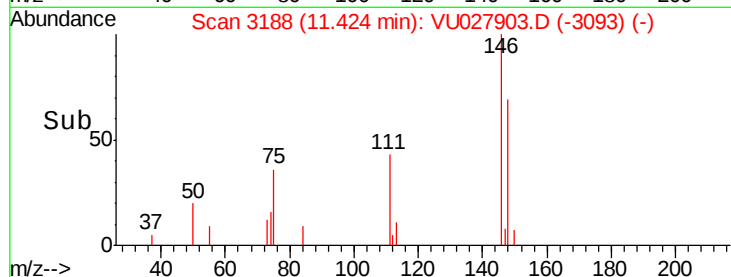
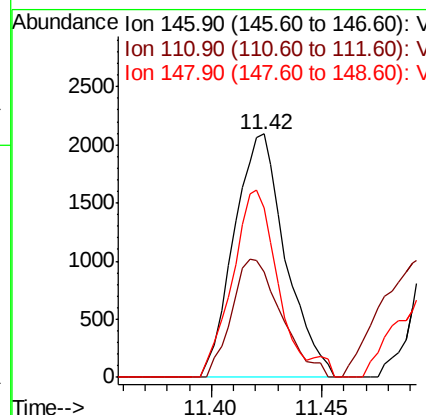
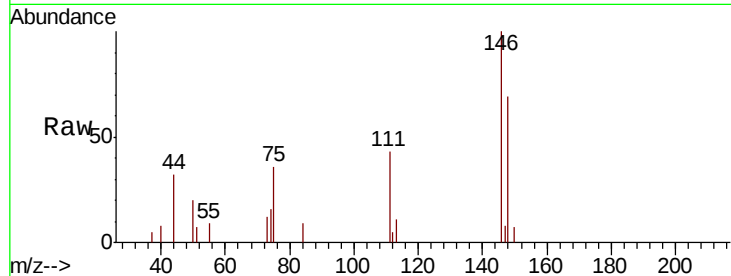




#87
 1,3-Dichlorobenzene
 Concen: 0.987 ug/l
 RT: 11.42 min Scan# 3188
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

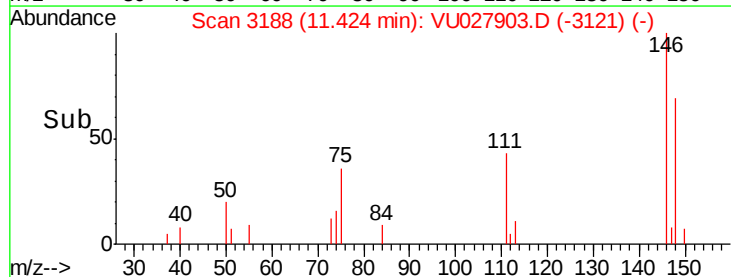
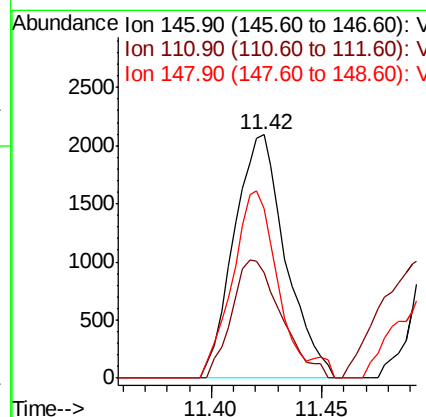
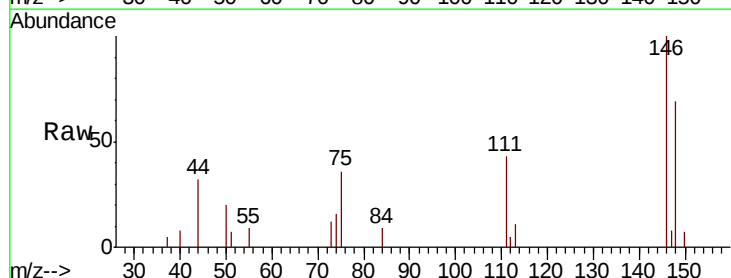
Instrument :
 MSVOA_X
 ClientSampled :

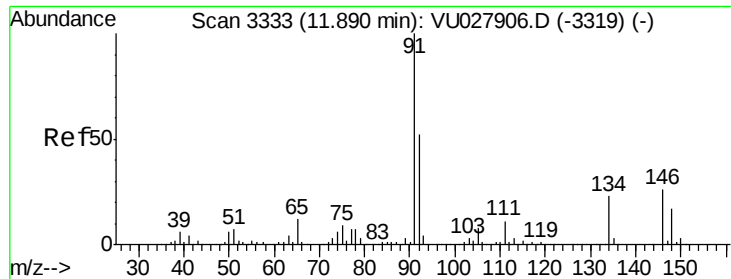
Tgt Ion:146 Resp: 3394
 Ion Ratio Lower Upper
 146 100
 111 46.7 20.3 61.0
 148 69.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 0.966 ug/l
 RT: 11.42 min Scan# 3188
 Delta R.T. -0.08 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion:146 Resp: 3394
 Ion Ratio Lower Upper
 146 100
 111 46.7 20.3 60.9
 148 69.4 32.0 96.2





#89

n-Butylbenzene

Concen: 0.864 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

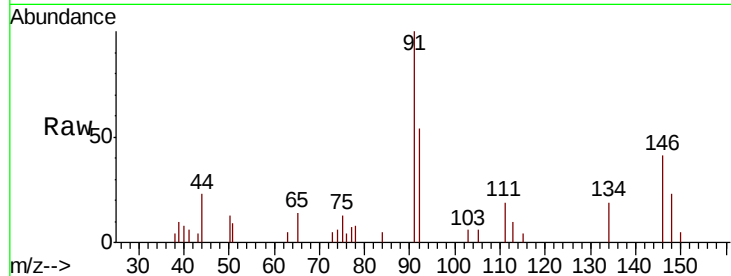
Tgt Ion: 91 Resp: 5365

Ion Ratio Lower Upper

91 100

92 49.3 26.2 78.5

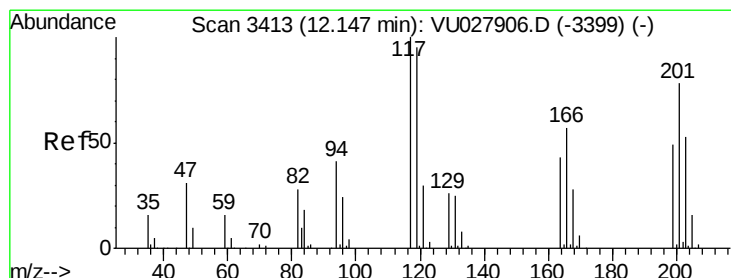
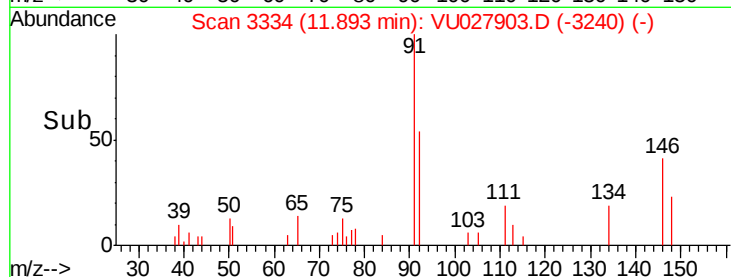
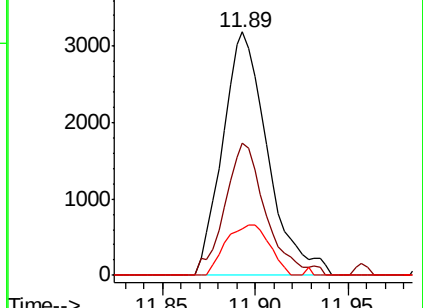
134 20.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-3319) (-)

Ion 92.00 (91.70 to 92.70): VU027906.D (-3319) (-)

Ion 134.00 (133.70 to 134.70): VU027906.D (-3319) (-)



#90

Hexachloroethane

Concen: 0.969 ug/l

RT: 12.15 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VU027903.D

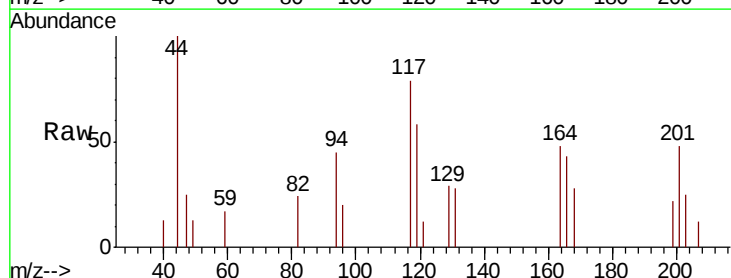
Acq: 01 Nov 2018 18:02

Tgt Ion: 117 Resp: 1206

Ion Ratio Lower Upper

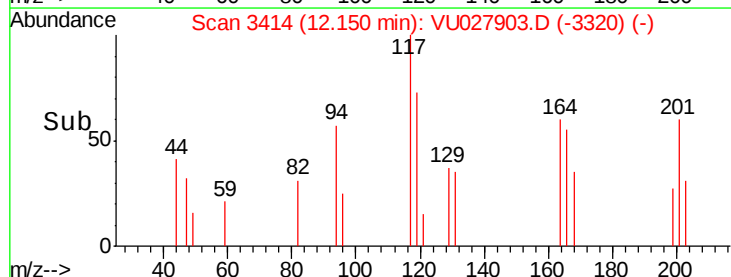
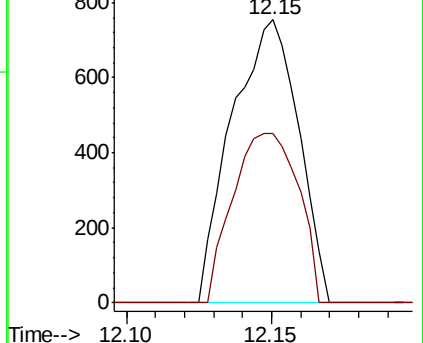
117 100

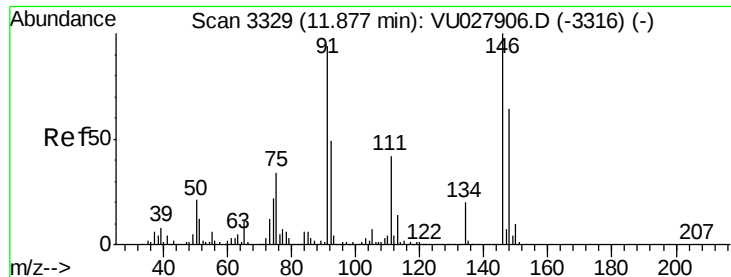
201 58.8 38.5 115.5



Abundance Ion 116.80 (116.50 to 117.50): VU027906.D (-3399) (-)

Ion 200.70 (200.40 to 201.40): VU027906.D (-3399) (-)





#91

1,2-Dichlorobenzene

Concen: 0.954 ug/l

RT: 11.88 min Scan# 3331

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

ClientSampled :

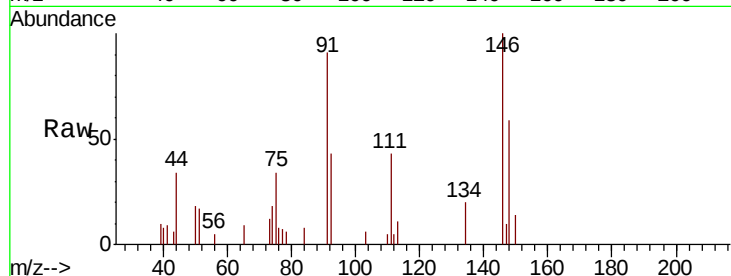
Tgt Ion:146 Resp: 3211

Ion Ratio Lower Upper

146 100

111 45.4 21.3 64.0

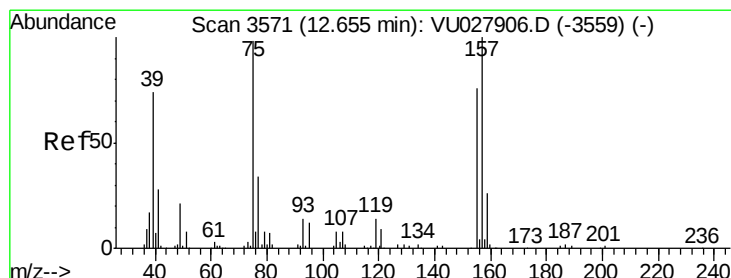
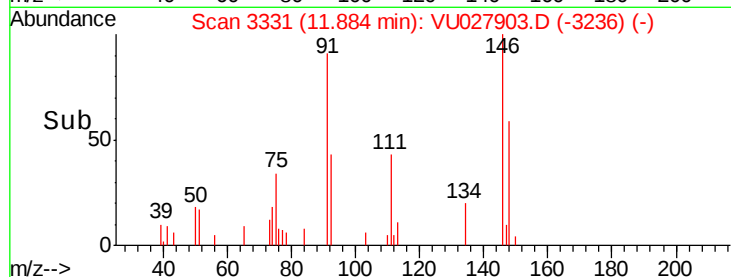
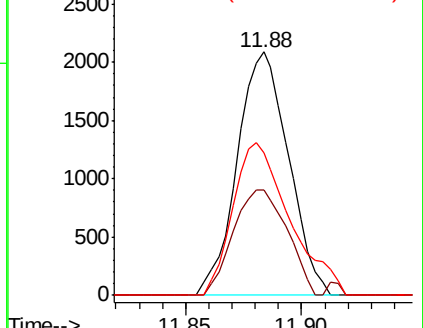
148 69.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.784 ug/l

RT: 12.66 min Scan# 3574

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

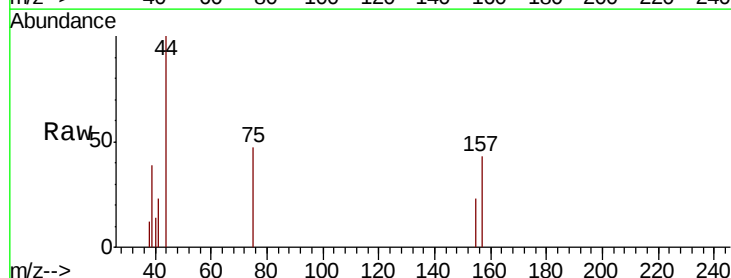
Tgt Ion: 75 Resp: 535

Ion Ratio Lower Upper

75 100

155 62.1 39.8 119.3

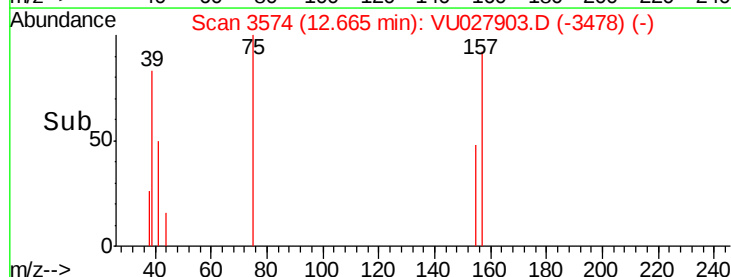
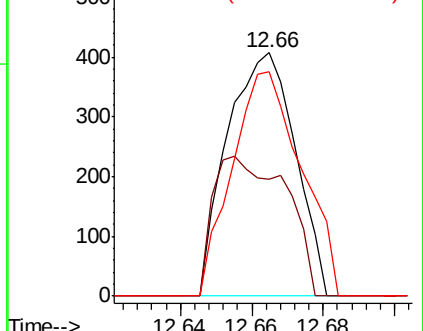
157 94.2 50.6 151.9



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

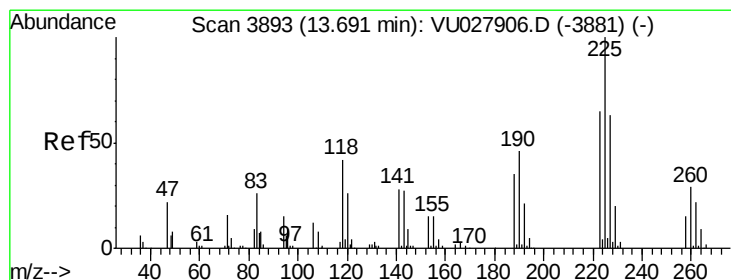
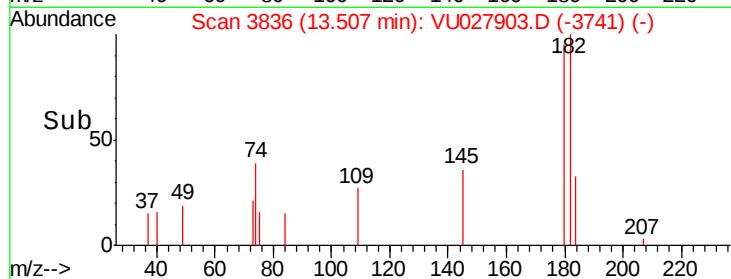
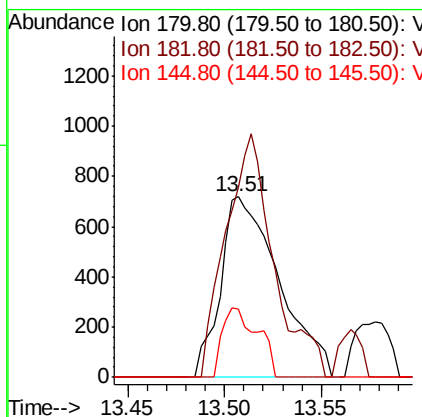
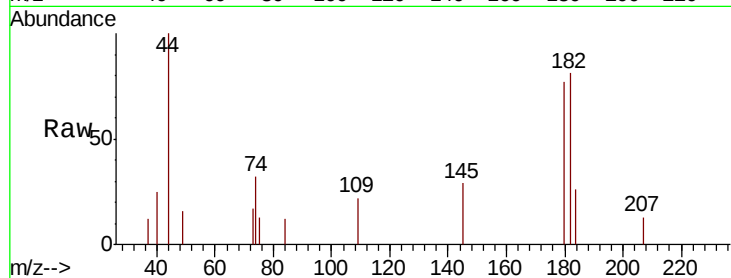




#93
 1,2,4-Trichlorobenzene
 Concen: 0.695 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

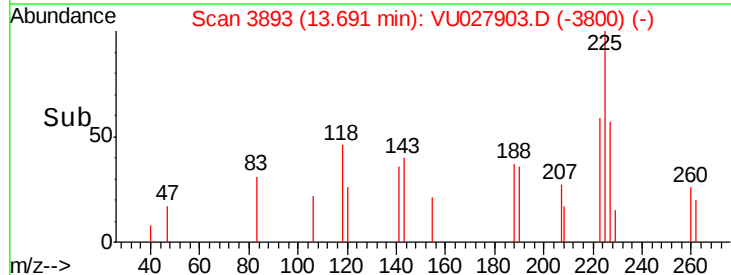
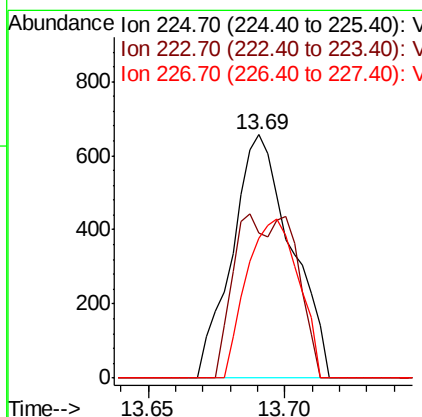
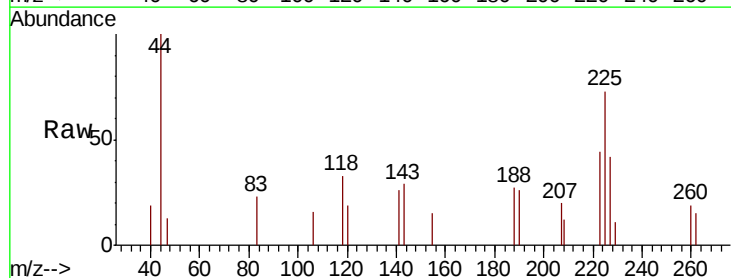
Instrument :
 MSVOA_X
 ClientSampled :

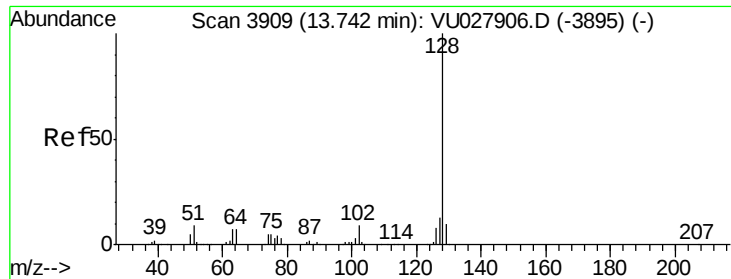
Tgt Ion:180 Resp: 1516
 Ion Ratio Lower Upper
 180 100
 182 110.4 48.4 145.2
 145 23.3 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 0.898 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion:225 Resp: 984
 Ion Ratio Lower Upper
 225 100
 223 40.5 32.2 96.6
 227 57.7 32.5 97.4





#95

Naphthalene

Concen: 0.652 ug/l

RT: 13.75 min Scan# 3913

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

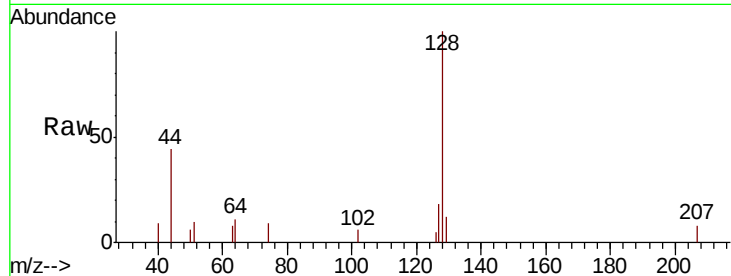
Tgt Ion:128 Resp: 4843

Ion Ratio Lower Upper

128 100

127 11.1 10.4 15.6

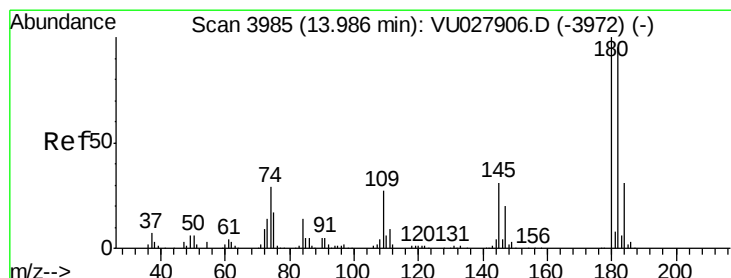
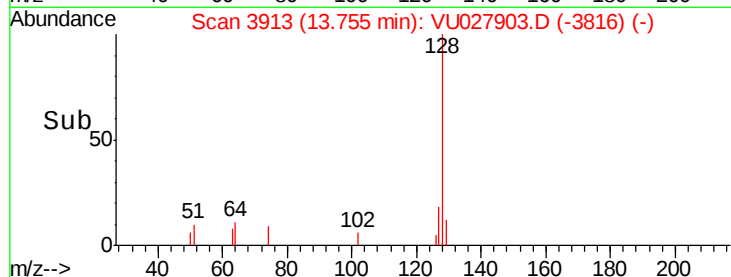
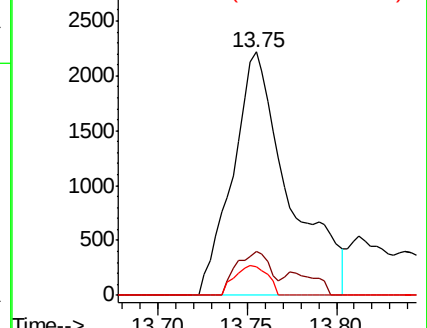
129 7.2 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.660 ug/l

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

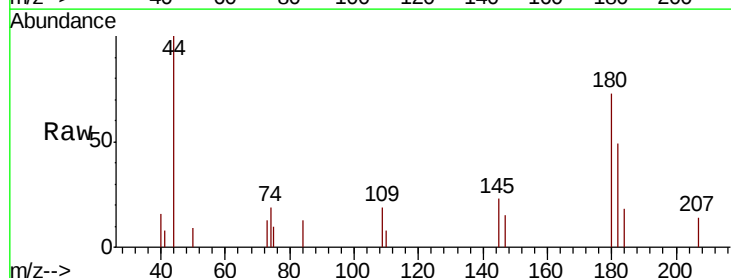
Tgt Ion:180 Resp: 1505

Ion Ratio Lower Upper

180 100

182 87.1 47.4 142.3

145 37.4 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

