

Data File : VU029240.D
Acq On : 21 Jan 2019 11:44
Operator : JC/SP
Sample : VU0121WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

Quant Time: Jan 22 01:05:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	181593	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	169184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	70453	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	4.88	113	59844	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	7.56	98	229174	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	10.31	95	81239	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	19999	18.322	ug/l	97
3) Chloromethane	1.33	50	29768	16.620	ug/l	99
4) Vinyl Chloride	1.41	62	31264	19.436	ug/l	96
5) Bromomethane	1.62	94	16853	18.462	ug/l	98
6) Chloroethane	1.70	64	18493	19.301	ug/l	98
7) Trichlorofluoromethane	1.89	101	34158	19.488	ug/l	99
8) Diethyl Ether	2.10	74	16510	19.606	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.29	101	21864	18.643	ug/l	97
10) Methyl Iodide	2.41	142	23925	21.696	ug/l	99
11) Tert butyl alcohol	2.82	59	38829	112.269	ug/l	99
12) 1,1-Dichloroethene	2.29	96	21021	18.414	ug/l	98
13) Acrolein	2.19	56	19158	73.770	ug/l	98
14) Allyl chloride	2.59	41	39615	18.913	ug/l	94
15) Acrylonitrile	2.94	53	97199	114.554	ug/l	99
16) Acetone	2.32	43	94750	110.540	ug/l	97
17) Carbon Disulfide	2.48	76	65820	17.045	ug/l	99
18) Methyl Acetate	2.61	43	49833	25.004	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	82494	20.555	ug/l	98
20) Methylene Chloride	2.70	84	28391	19.509	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	24728	18.645	ug/l	93
22) Diisopropyl ether	3.57	45	87764	21.201	ug/l	97
23) Vinyl Acetate	3.52	43	359605	106.261	ug/l	99
24) 1,1-Dichloroethane	3.45	63	49840	20.856	ug/l	99
25) 2-Butanone	4.26	43	135025	116.631	ug/l	98
26) 2,2-Dichloropropane	4.23	77	40257	20.849	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	29105	20.064	ug/l	97
28) Bromochloromethane	4.55	49	28289	27.646	ug/l	95
29) Tetrahydrofuran	4.63	42	81643	116.273	ug/l	98
30) Chloroform	4.67	83	48630	21.365	ug/l	98
31) Cyclohexane	5.00	56	45677	19.565	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	38478	20.459	ug/l	97
36) 1,1-Dichloropropene	5.13	75	35129	19.354	ug/l	99
37) Ethyl Acetate	4.38	43	44587	22.379	ug/l	99
38) Carbon Tetrachloride	5.13	117	31092	20.538	ug/l	93

Data File : VU029240.D
Acq On : 21 Jan 2019 11:44
Operator : JC/SP
Sample : VU0121WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

Quant Time: Jan 22 01:05:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	40938	18.346	ug/l	100
40) Benzene	5.39	78	113129	19.981	ug/l	99
41) Methacrylonitrile	4.54	41	24793	23.247	ug/l	97
42) 1,2-Dichloroethane	5.40	62	36546	21.481	ug/l	99
43) Isopropyl Acetate	5.55	43	67405	22.055	ug/l	98
44) Trichloroethene	6.19	130	27155	19.357	ug/l	99
45) 1,2-Dichloropropane	6.43	63	31707	21.206	ug/l	98
46) Dibromomethane	6.56	93	19681	20.591	ug/l	99
47) Bromodichloromethane	6.76	83	37331	21.213	ug/l	100
48) Methyl methacrylate	6.62	41	33320	22.390	ug/l	98
49) 1,4-Dioxane	6.61	88	17261	489.429	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	234809	112.890	ug/l	98
52) Toluene	7.64	92	68589	19.900	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	42819	20.255	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	46305	20.271	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	29347	21.253	ug/l	98
56) Ethyl methacrylate	8.02	69	43231	20.322	ug/l	97
57) 1,3-Dichloropropane	8.24	76	49446	20.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	94242	100.735	ug/l	99
59) 2-Hexanone	8.36	43	185343	113.519	ug/l	98
60) Dibromochloromethane	8.48	129	28320	20.702	ug/l	97
61) 1,2-Dibromoethane	8.58	107	30440	20.326	ug/l	98
64) Tetrachloroethene	8.22	164	23607	19.370	ug/l	96
65) Chlorobenzene	9.12	112	75069	19.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	26634	21.641	ug/l	98
67) Ethyl Benzene	9.25	91	125515	19.824	ug/l	99
68) m/p-Xylenes	9.37	106	97102	39.471	ug/l	99
69) o-Xylene	9.78	106	48086	20.286	ug/l	98
70) Styrene	9.79	104	76273	19.628	ug/l	98
71) Bromoform	9.95	173	23448	21.398	ug/l #	99
73) Isopropylbenzene	10.16	105	124471	20.480	ug/l	99
74) N-amyl acetate	10.01	43	55107	21.042	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.45	83	51674	21.214	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	61738	30.687	ug/l	82
77) Bromobenzene	10.45	156	33089	20.892	ug/l	96
78) n-propylbenzene	10.58	91	148940	20.795	ug/l	99
79) 2-Chlorotoluene	10.66	91	87479	20.134	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	102423	20.181	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	61738	79.144	ug/l #	100
82) 4-Chlorotoluene	10.77	91	97660	19.602	ug/l	99
83) tert-Butylbenzene	11.10	119	101874	20.365	ug/l	100
84) 1,2,4-Trimethylbenzene	11.14	105	105687	20.857	ug/l	100
85) sec-Butylbenzene	11.32	105	126190	20.858	ug/l	100
86) p-Isopropyltoluene	11.47	119	106608	20.680	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	56536	19.461	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	57742	19.256	ug/l	98
89) n-Butylbenzene	11.89	91	95850	20.832	ug/l	99
90) Hexachloroethane	12.14	117	18514	21.348	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	56631	19.354	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10554	22.527	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\
Quantitation Report (Not Reviewed)

Data File : VU029240.D
Acq On : 21 Jan 2019 11:44
Operator : JC/SP
Sample : VU0121WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

Quant Time: Jan 22 01:05:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	35484	18.997	ug/l	99
94) Hexachlorobutadiene	13.69	225	18063	21.142	ug/l	99
95) Naphthalene	13.74	128	113223	17.819	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	36395	19.409	ug/l	99

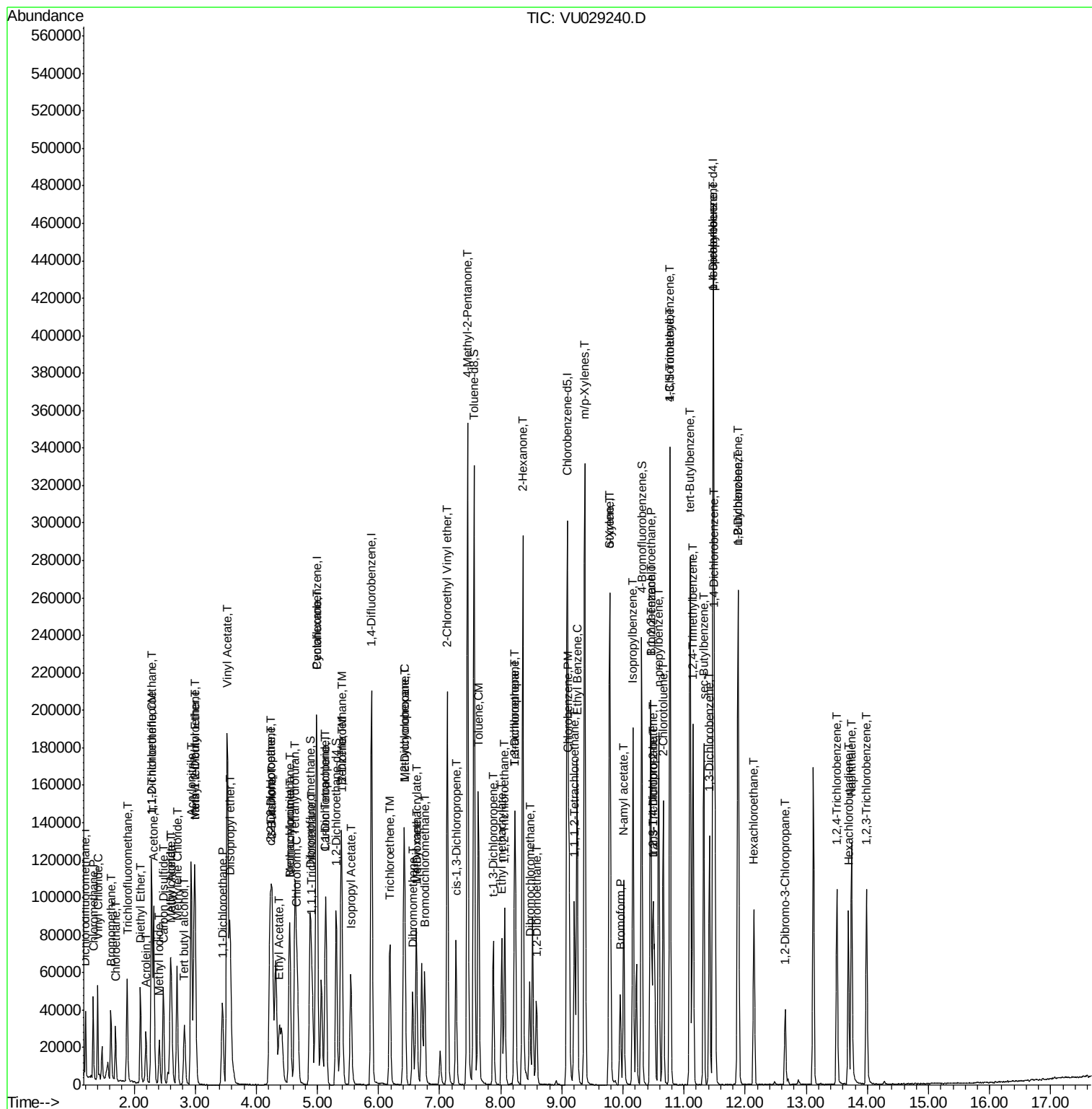
(#) = qualifier out of range (m) = manual integration (+) = signals summed

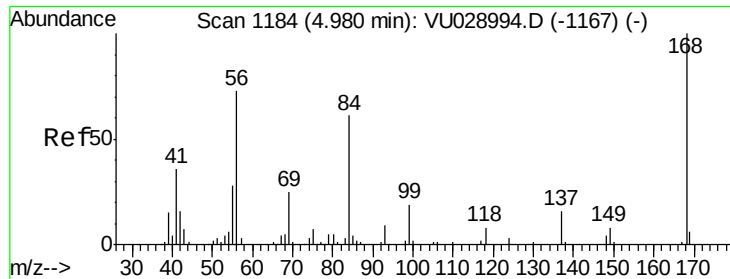
Data File : VU029240.D

```
Acq On       : 21 Jan 2019   11:44
Operator    : JC/SP
Sample      : VU0121WBSD01
Misc        : 5.0mL/MSVOA_U/WATER
ALS Vial    : 7      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

Quant Time: Jan 22 01:05:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

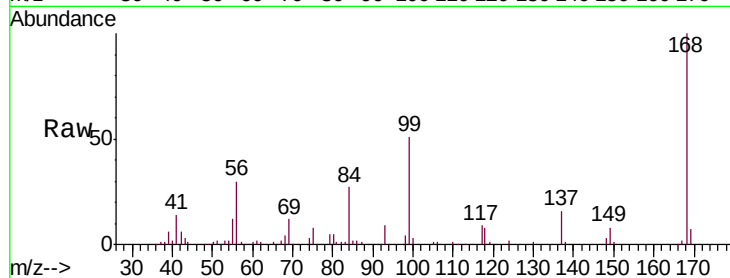
VU0121WBSD01

Tgt Ion:168 Resp: 110067

Ion Ratio Lower Upper

168 100

99 50.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

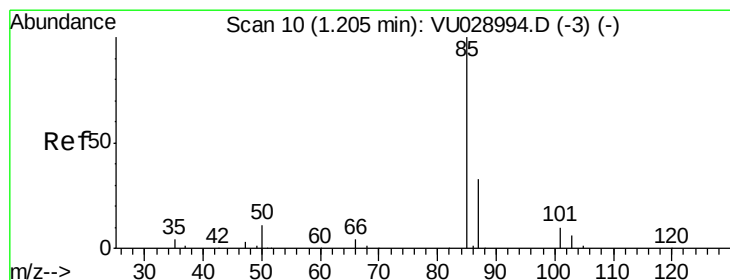
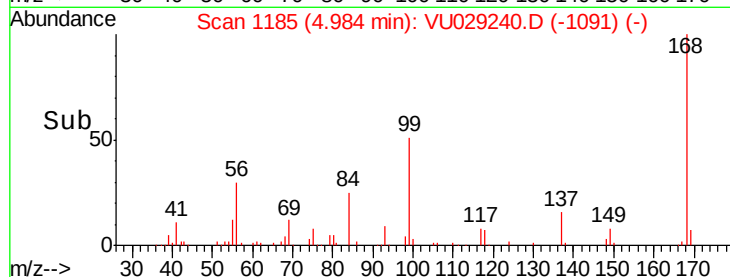
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.322 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029240.D

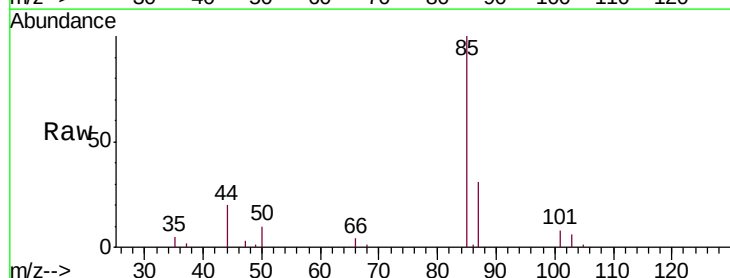
Acq: 21 Jan 2019 11:44

Tgt Ion: 85 Resp: 19999

Ion Ratio Lower Upper

85 100

87 31.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028994.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028994.D (-3) (-)

1.21

20000

15000

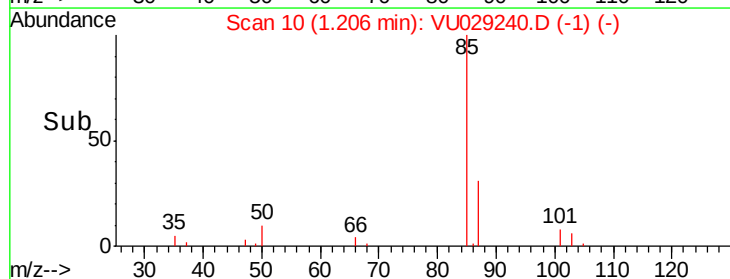
10000

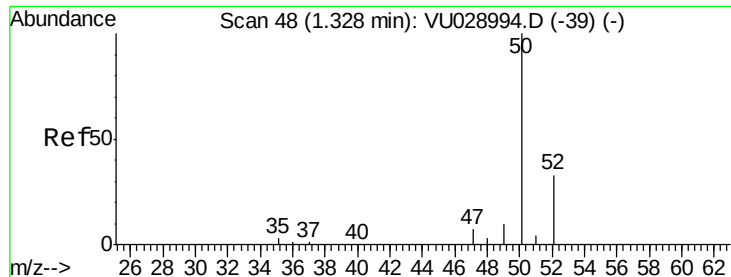
5000

0

1.20 1.25

Time-->

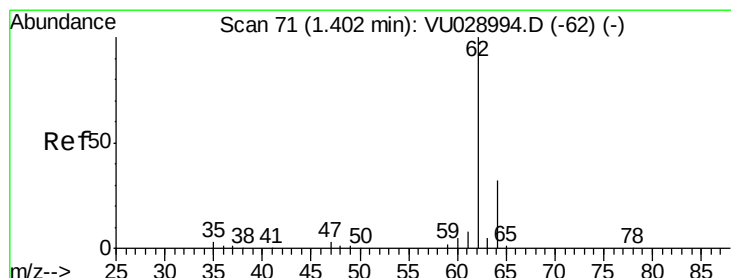
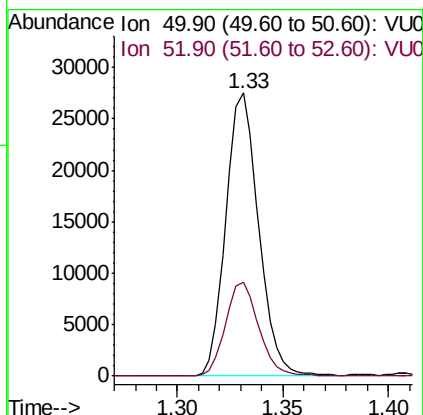
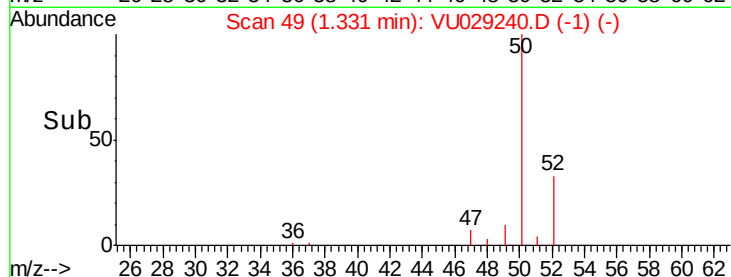
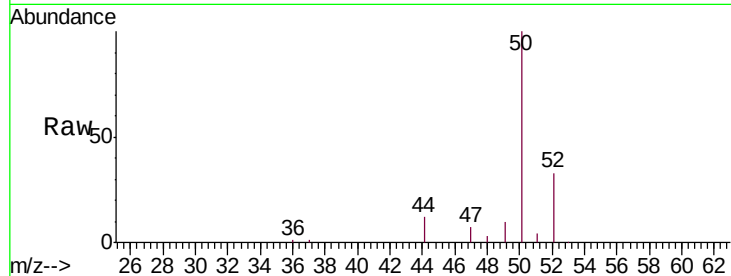




#3
Chloromethane
Concen: 16.620 ug/l
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

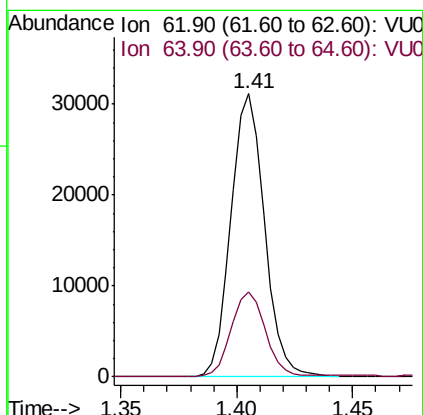
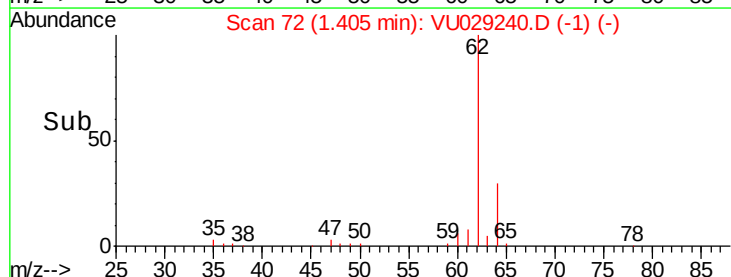
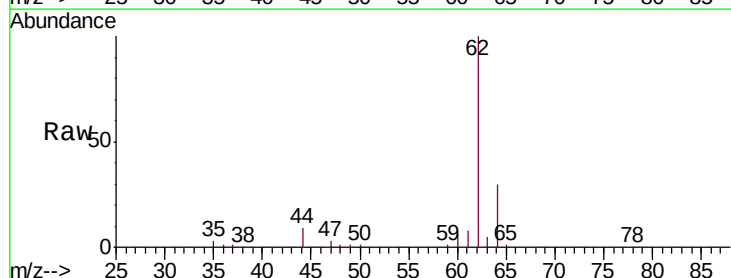
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

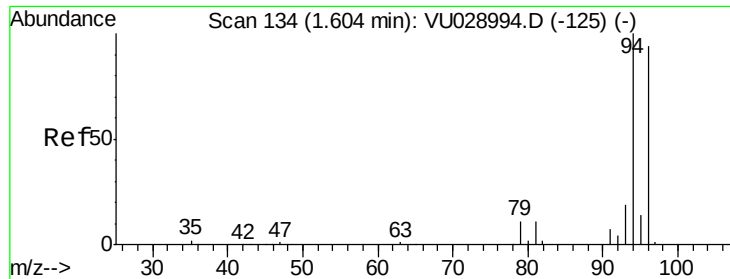
Tgt Ion: 50 Resp: 29768
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 19.436 ug/l
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 62 Resp: 31264
Ion Ratio Lower Upper
62 100
64 30.1 25.9 38.9





#5

Bromomethane

Concen: 18.462 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.02 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

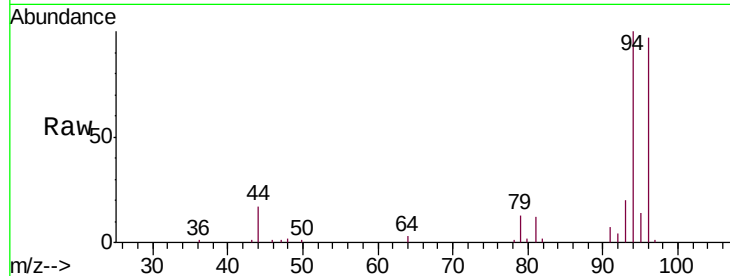
VU0121WBSD01

Tgt Ion: 94 Resp: 16853

Ion Ratio Lower Upper

94 100

96 96.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VU028994.D (-125) (-)

Ion 95.90 (95.60 to 96.60): VU028994.D (-125) (-)

1.62

15000

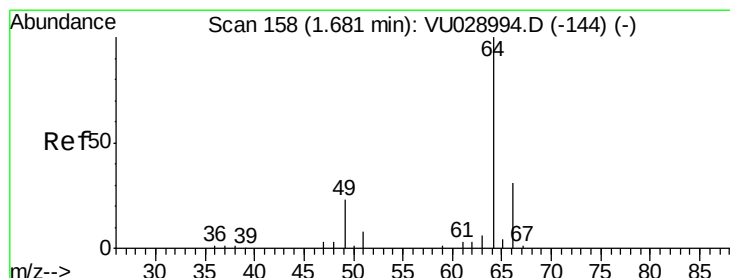
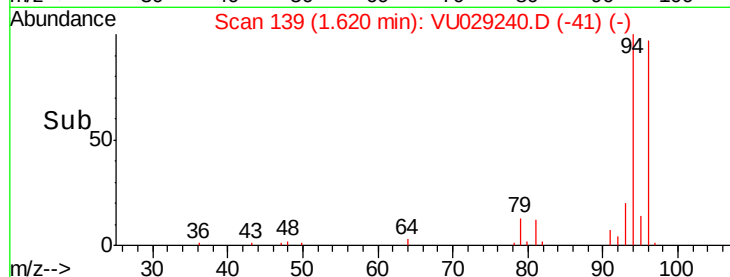
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 19.301 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.02 min

Lab File: VU029240.D

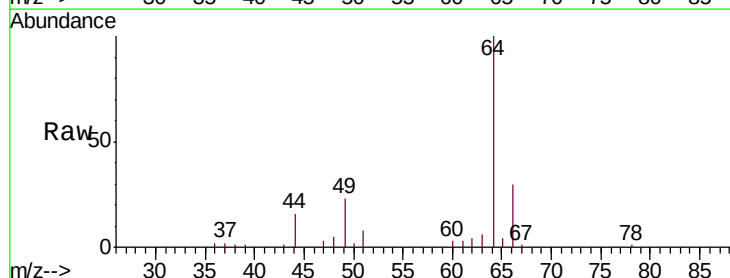
Acq: 21 Jan 2019 11:44

Tgt Ion: 64 Resp: 18493

Ion Ratio Lower Upper

64 100

66 30.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU028994.D (-144) (-)

Ion 65.90 (65.60 to 66.60): VU028994.D (-144) (-)

1.70

15000

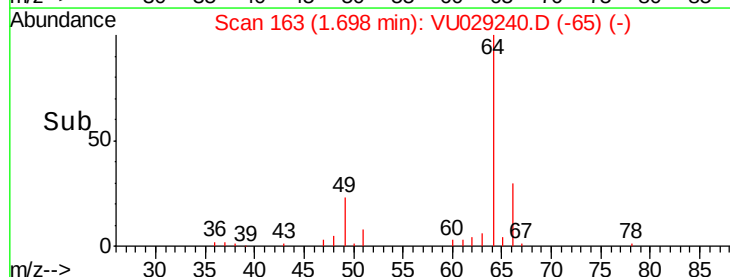
10000

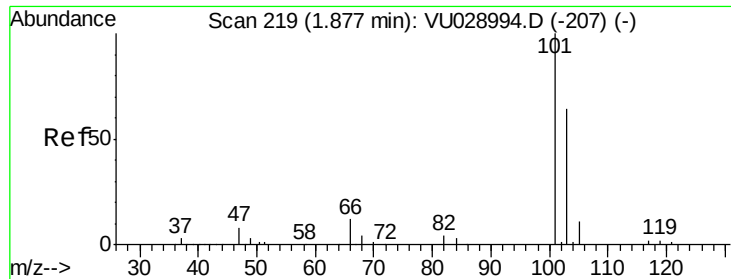
5000

0

Time-->

1.65 1.70 1.75



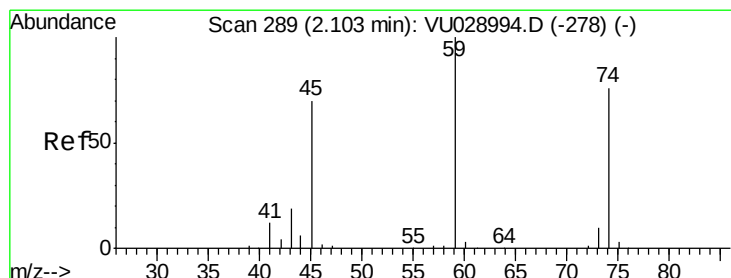
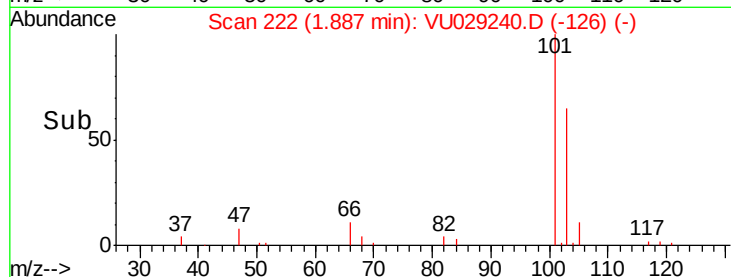
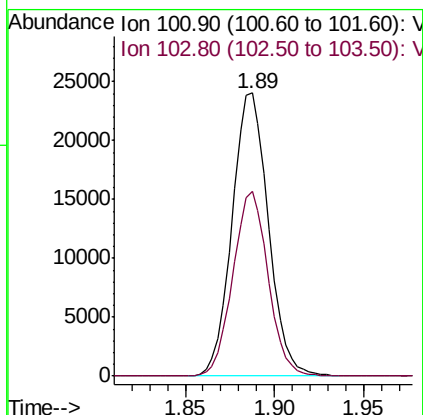
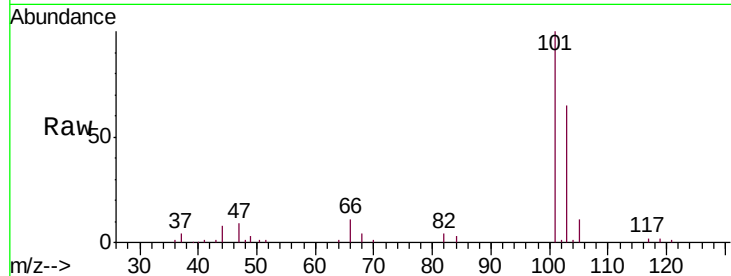


#7

Trichlorofluoromethane
 Concen: 19.488 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

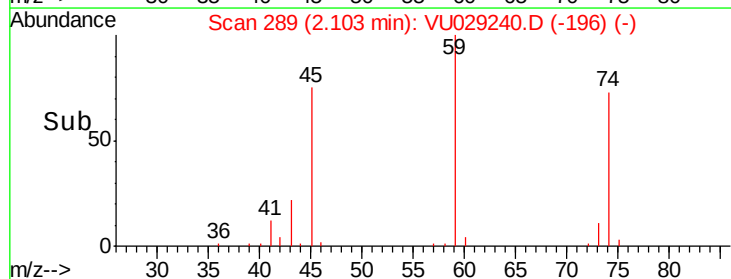
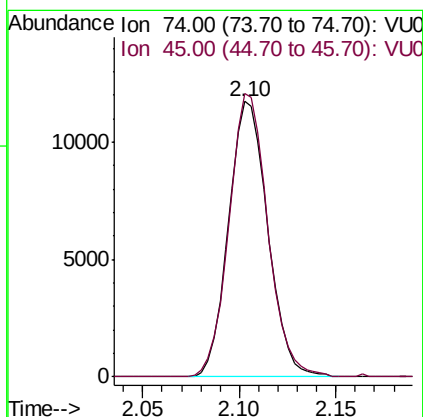
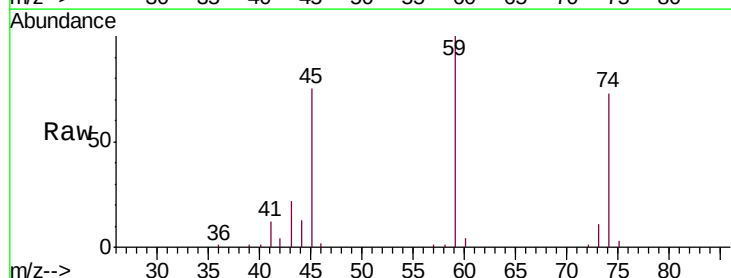
Tgt Ion:101 Resp: 34158
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3

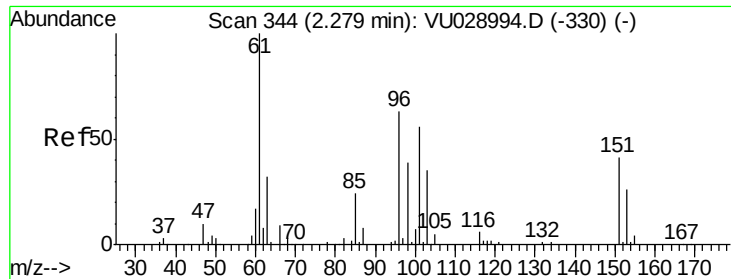


#8

Diethyl Ether
 Concen: 19.606 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 74 Resp: 16510
 Ion Ratio Lower Upper
 74 100
 45 101.8 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.643 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBSD01

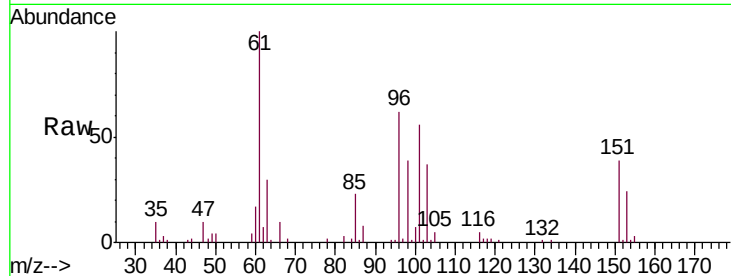
Tgt Ion:101 Resp: 21864

Ion Ratio Lower Upper

101 100

85 42.7 35.1 52.7

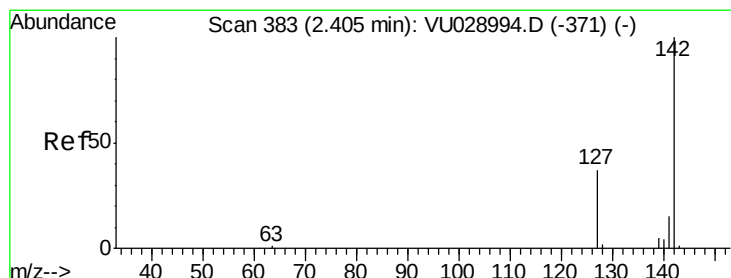
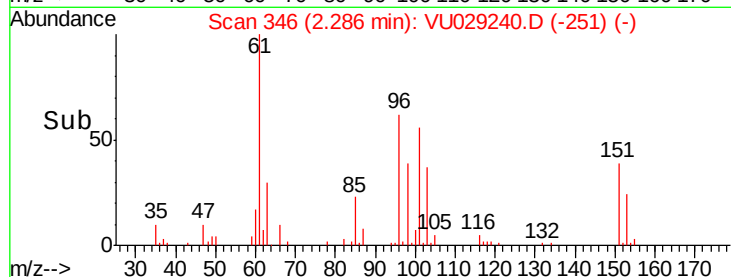
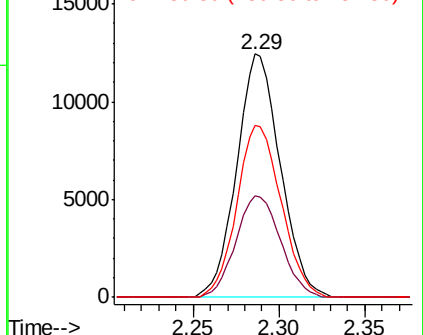
151 71.7 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.696 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.01 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

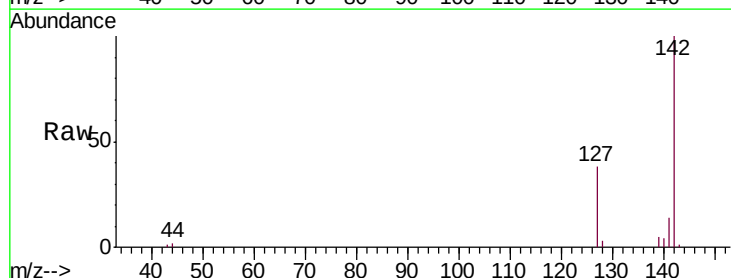
Tgt Ion:142 Resp: 23925

Ion Ratio Lower Upper

142 100

127 36.2 29.8 44.6

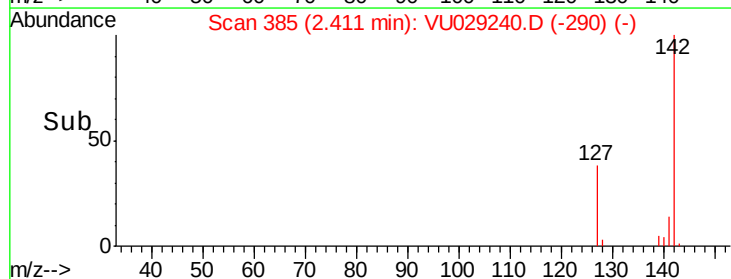
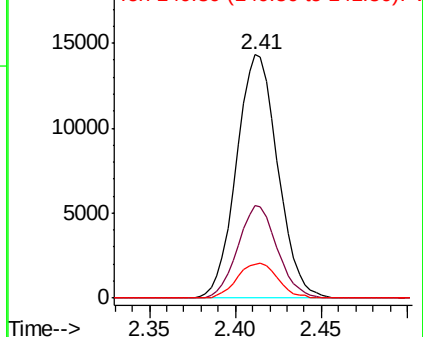
141 14.1 11.5 17.3

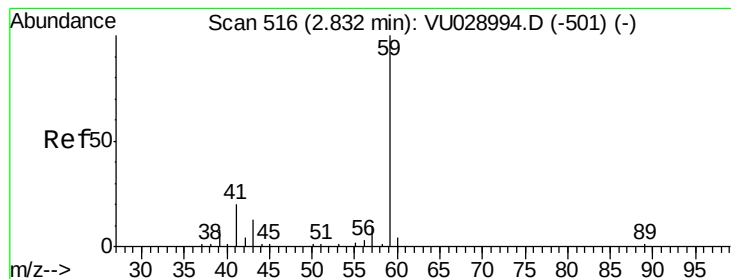


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



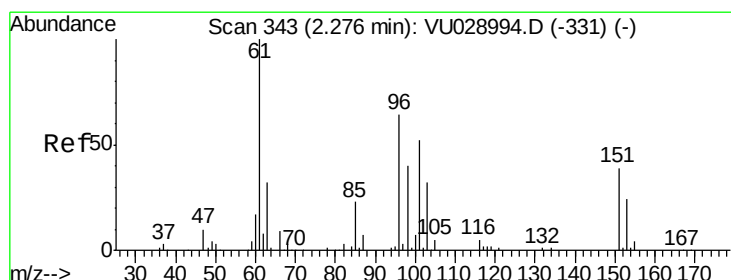
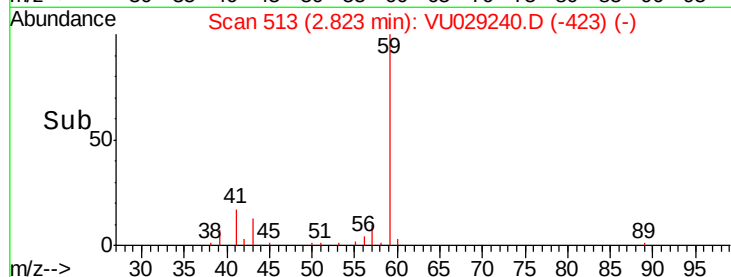
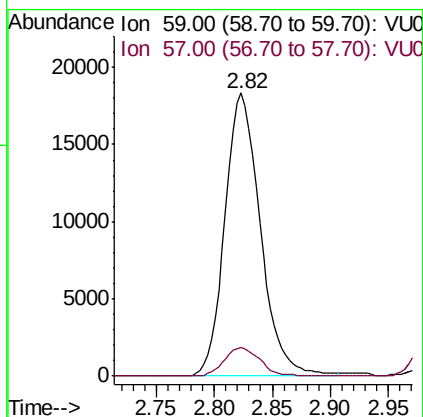
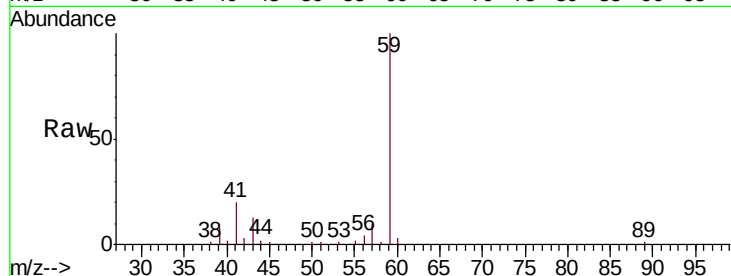


#11

Tert butyl alcohol
 Concen: 112.269 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

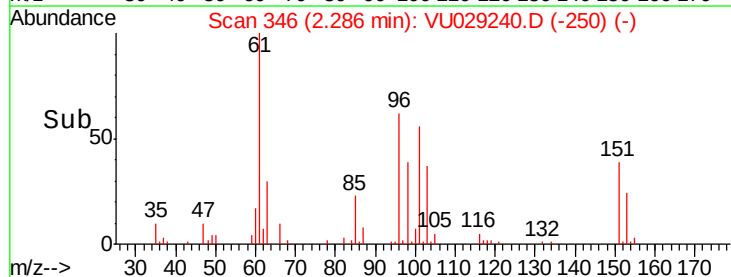
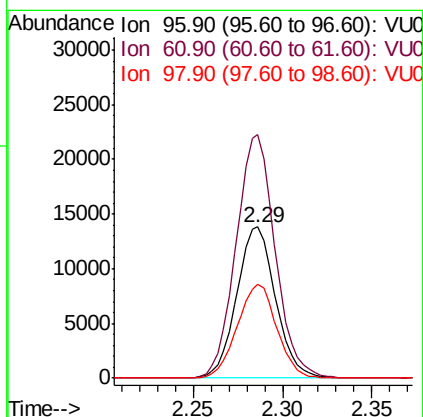
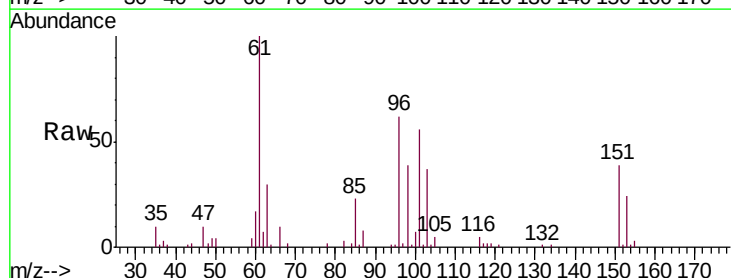
Tgt Ion: 59 Resp: 38829
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.9 11.9

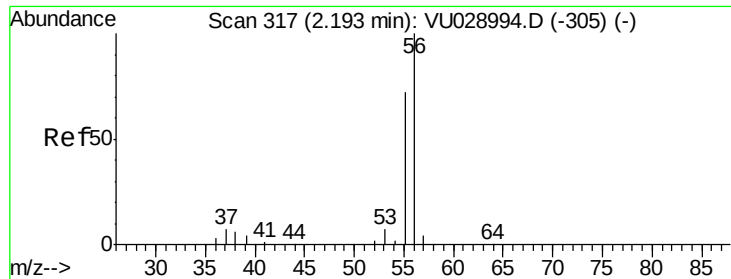


#12

1,1-Dichloroethene
 Concen: 18.414 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.01 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 96 Resp: 21021
 Ion Ratio Lower Upper
 96 100
 61 161.0 125.4 188.0
 98 62.3 49.7 74.5





#13

Acrolein

Concen: 73.770 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

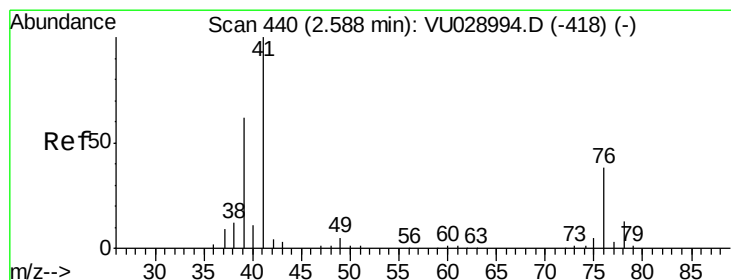
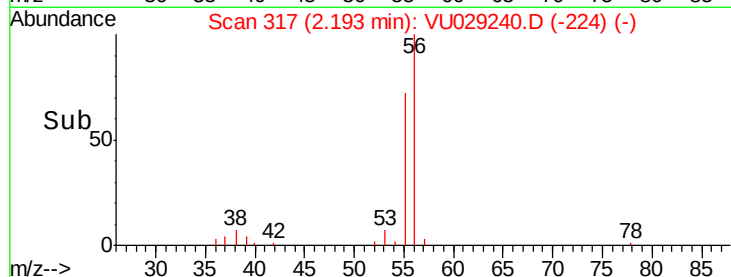
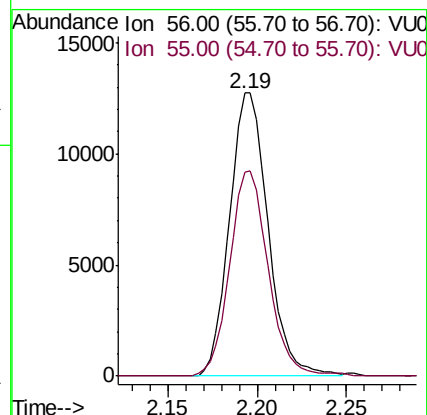
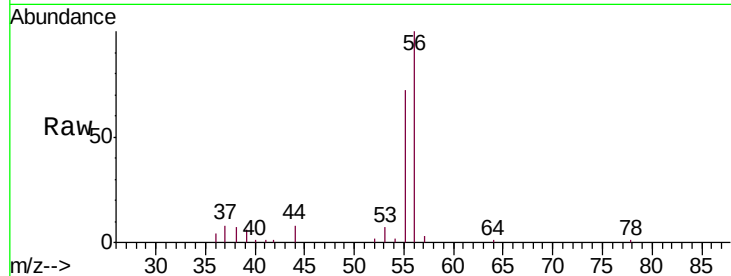
VU0121WBSD01

Tgt Ion: 56 Resp: 19158

Ion Ratio Lower Upper

56 100

55 72.5 56.5 84.7



#14

Allyl chloride

Concen: 18.913 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.01 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

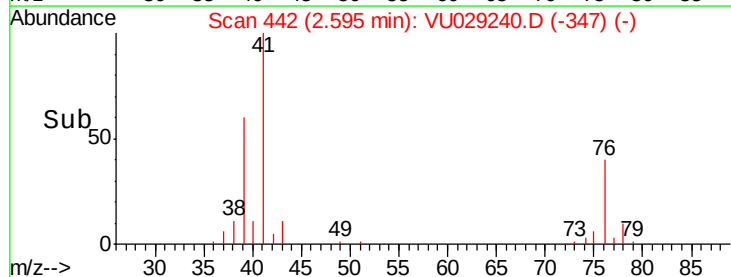
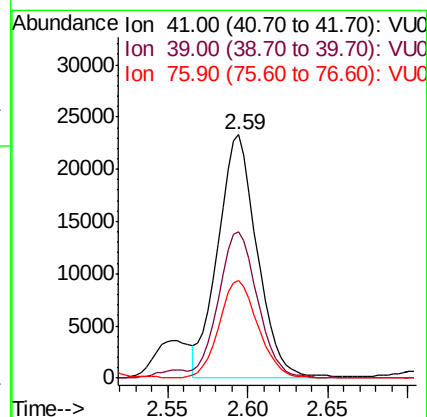
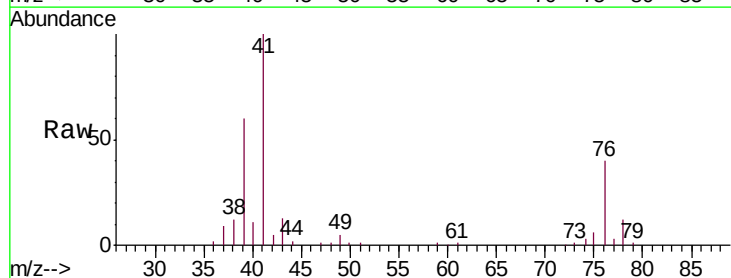
Tgt Ion: 41 Resp: 39615

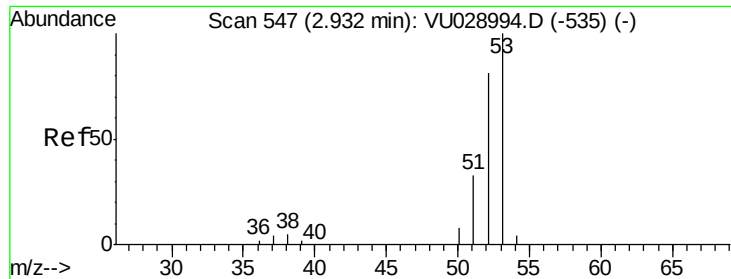
Ion Ratio Lower Upper

41 100

39 59.7 45.0 67.6

76 39.4 28.1 42.1





#15

Acrylonitrile

Concen: 114.554 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBSD01

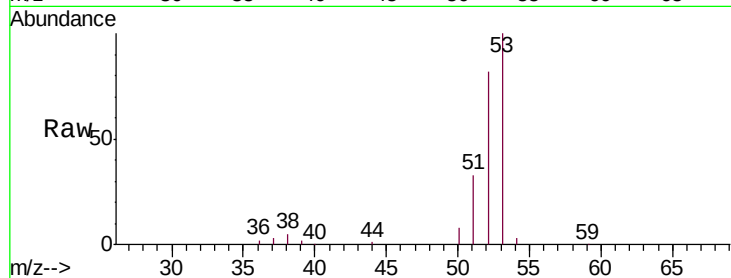
Tgt Ion: 53 Resp: 97199

Ion Ratio Lower Upper

53 100

52 82.0 64.8 97.2

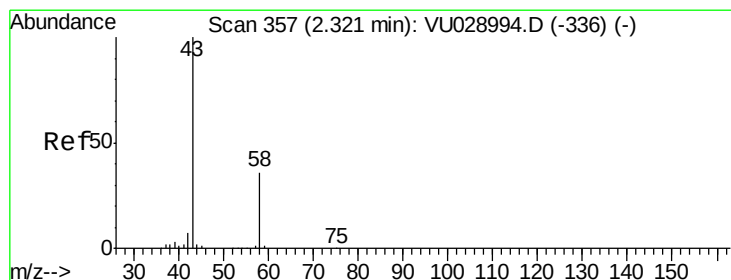
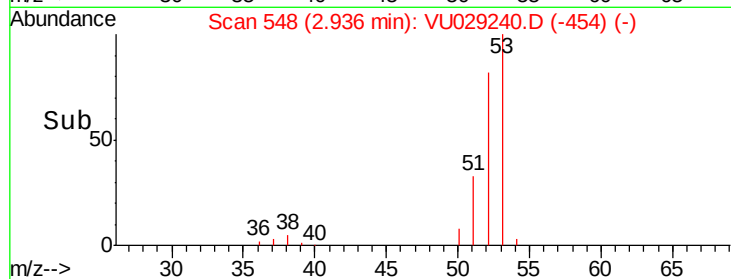
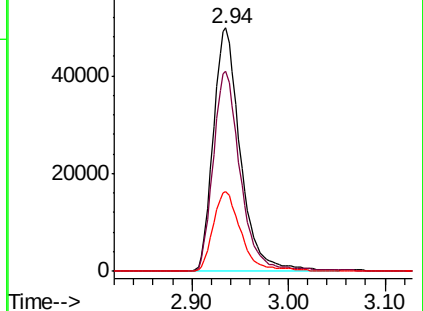
51 33.9 27.3 40.9



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 110.540 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029240.D

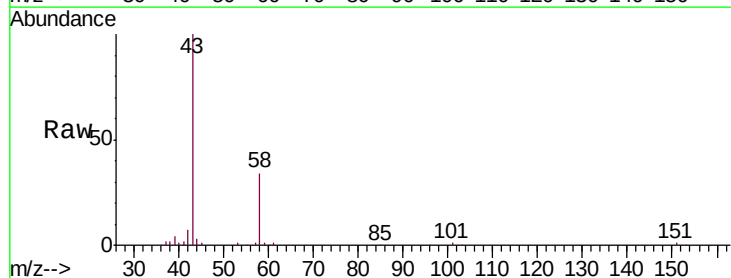
Acq: 21 Jan 2019 11:44

Tgt Ion: 43 Resp: 94750

Ion Ratio Lower Upper

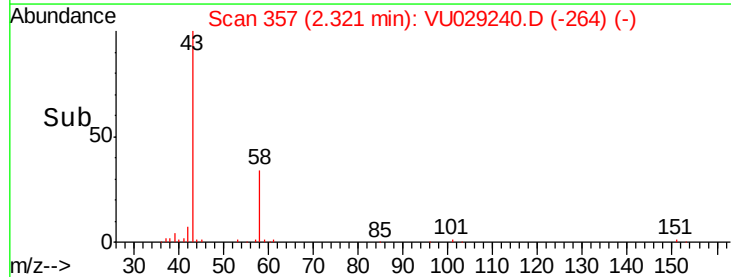
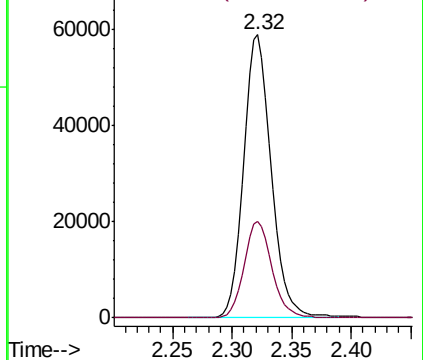
43 100

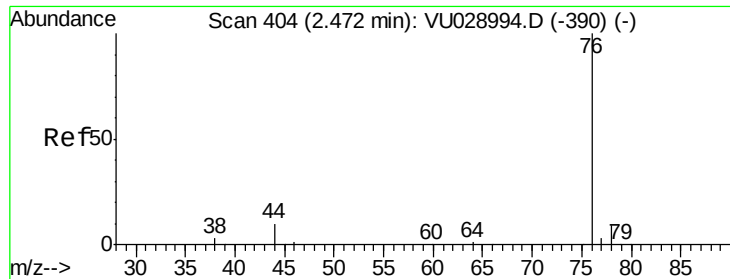
58 34.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

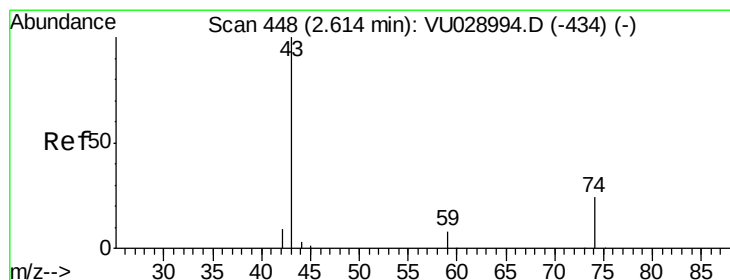
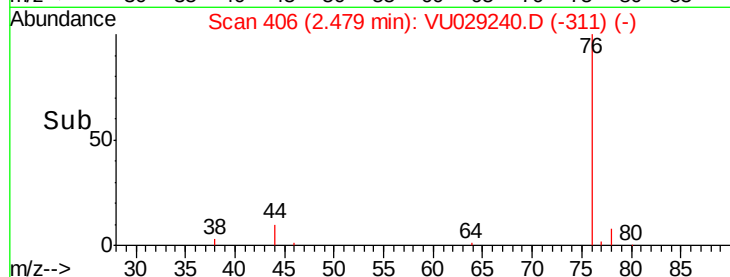
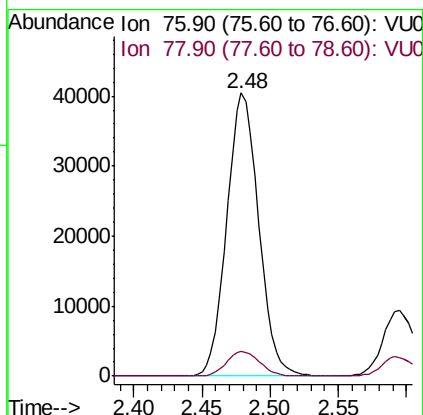
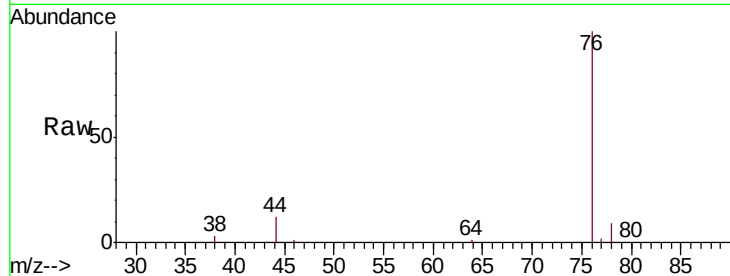




#17
Carbon Disulfide
Concen: 17.045 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

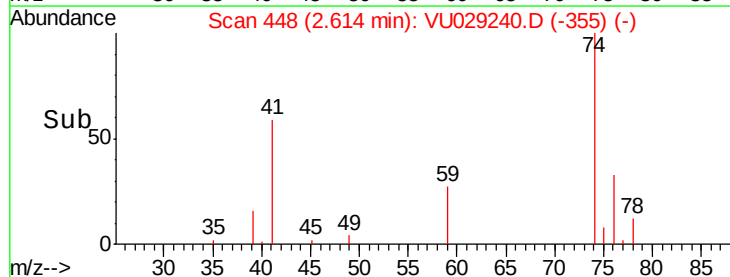
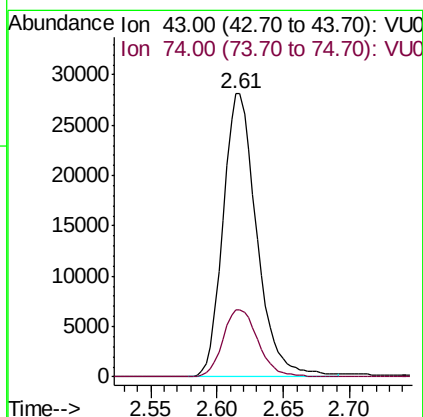
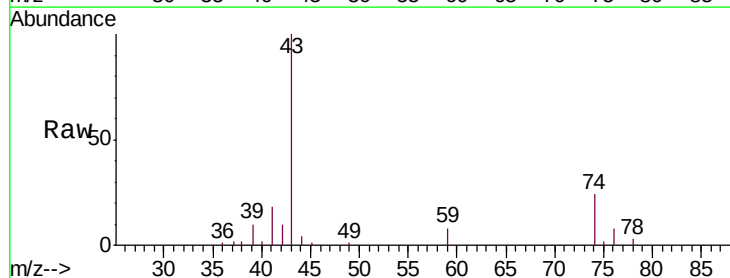
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

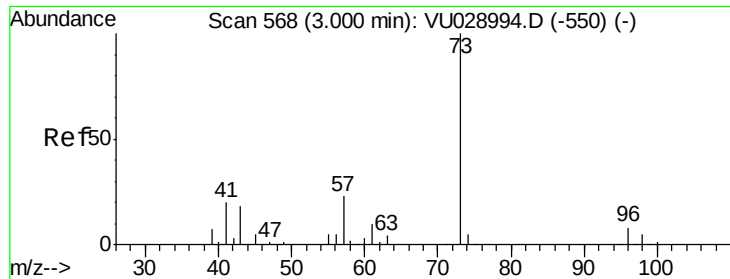
Tgt Ion: 76 Resp: 65820
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 25.004 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 43 Resp: 49833
Ion Ratio Lower Upper
43 100
74 24.7 19.5 29.3

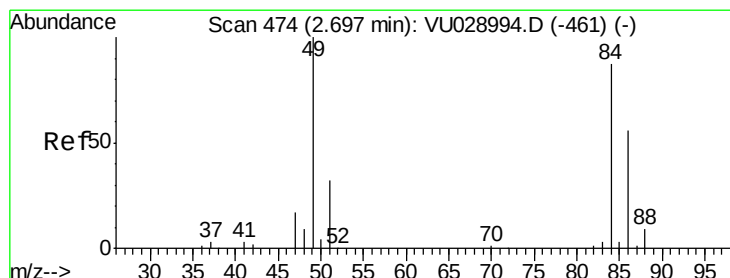
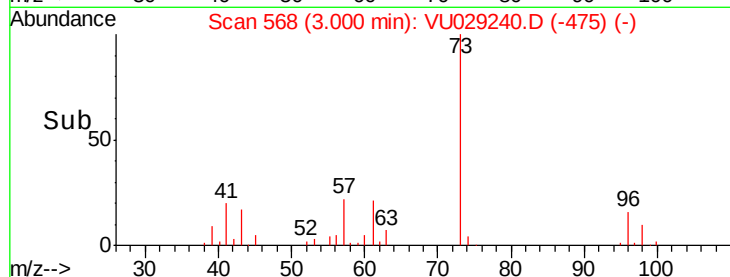
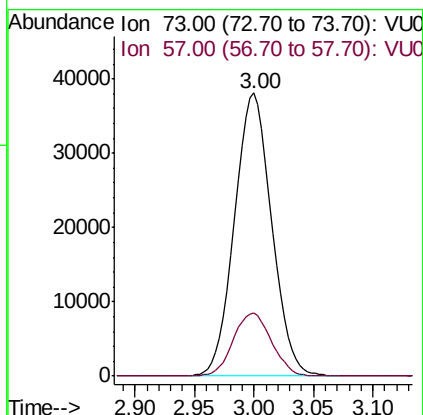
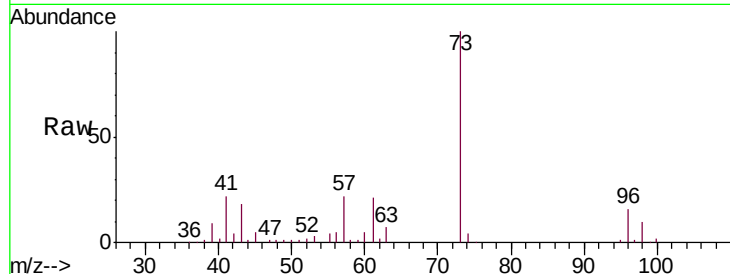




#19
Methyl tert-butyl Ether
Concen: 20.555 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

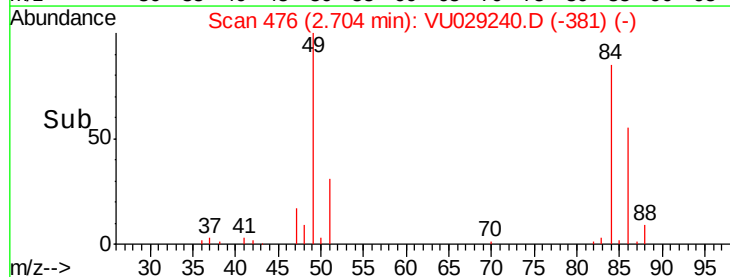
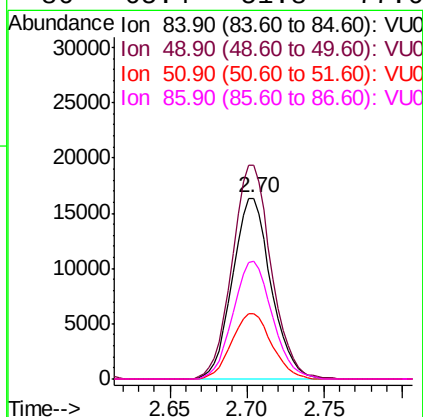
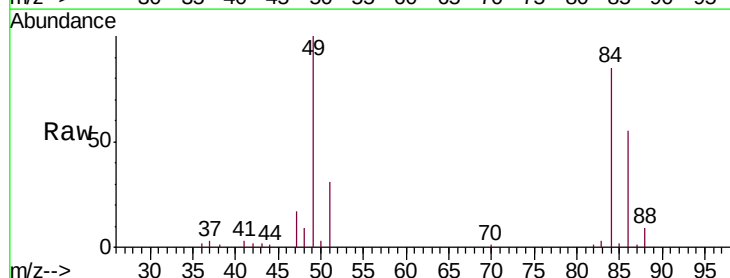
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

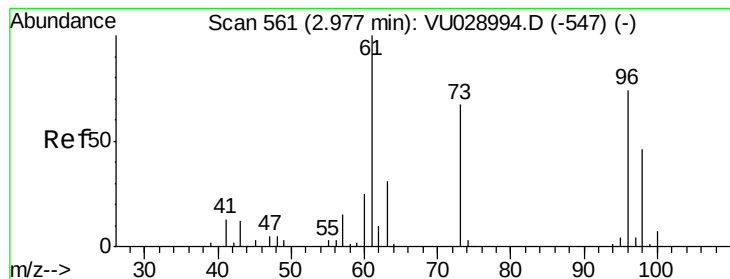
Tgt Ion: 73 Resp: 82494
Ion Ratio Lower Upper
73 100
57 22.5 18.6 28.0



#20
Methylene Chloride
Concen: 19.509 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 84 Resp: 28391
Ion Ratio Lower Upper
84 100
49 118.1 91.9 137.9
51 36.2 29.2 43.8
86 65.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.645 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.01 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBSD01

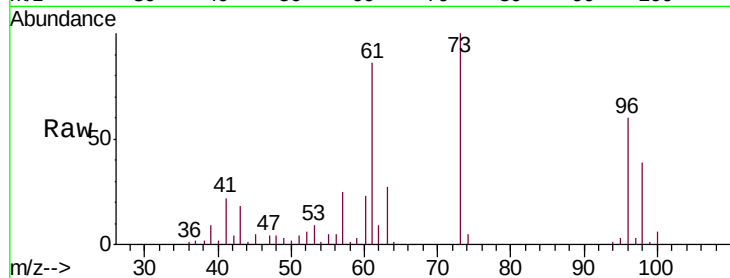
Tgt Ion: 96 Resp: 24728

Ion Ratio Lower Upper

96 100

61 144.2 107.7 161.5

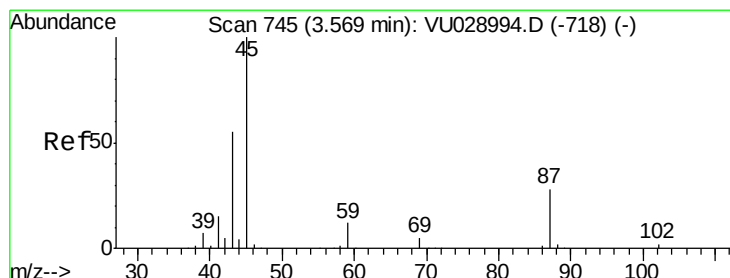
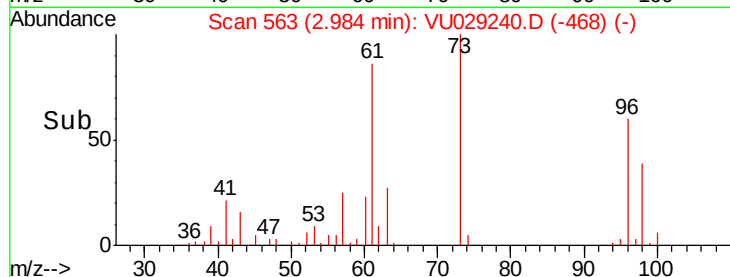
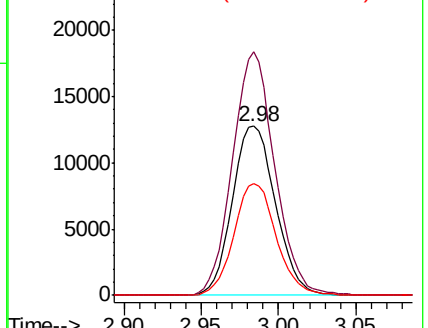
98 66.2 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VU028994.D (-547) (-)

Ion 60.90 (60.60 to 61.60): VU028994.D (-547) (-)

Ion 97.90 (97.60 to 98.60): VU028994.D (-547) (-)



#22

Diisopropyl ether

Concen: 21.201 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Tgt Ion: 45 Resp: 87764

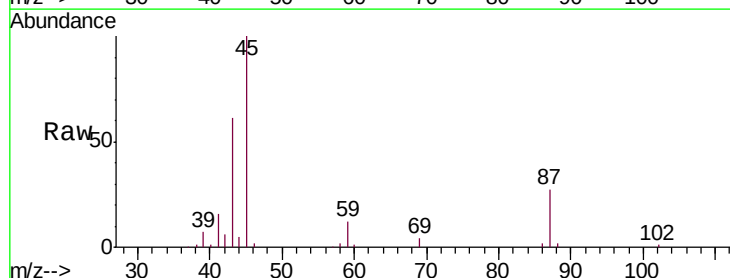
Ion Ratio Lower Upper

45 100

43 59.3 44.7 67.1

87 27.3 22.2 33.2

59 11.9 9.8 14.8

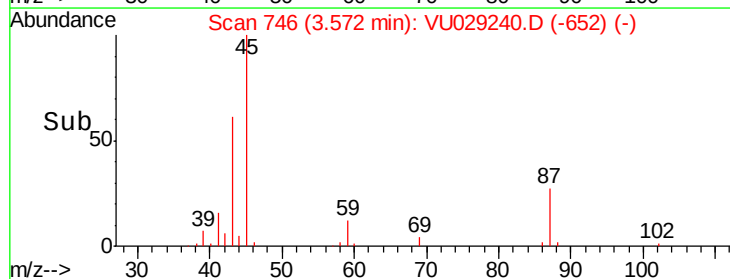
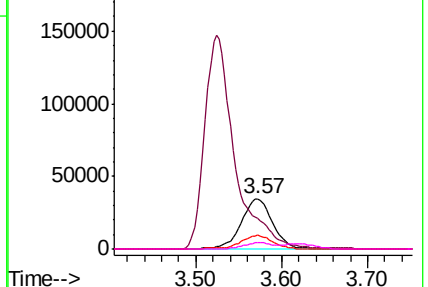


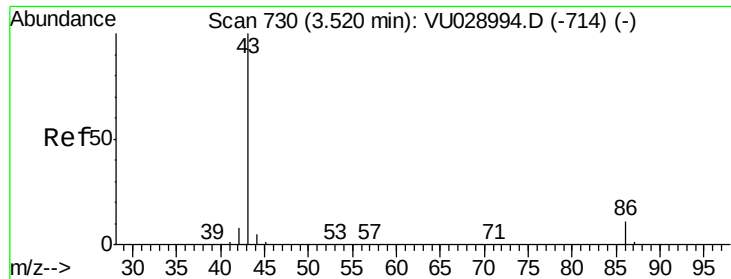
Abundance Ion 45.00 (44.70 to 45.70): VU028994.D (-718) (-)

Ion 43.00 (42.70 to 43.70): VU028994.D (-718) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-718) (-)

Ion 59.00 (58.70 to 59.70): VU028994.D (-718) (-)





#23

Vinyl Acetate

Concen: 106.261 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

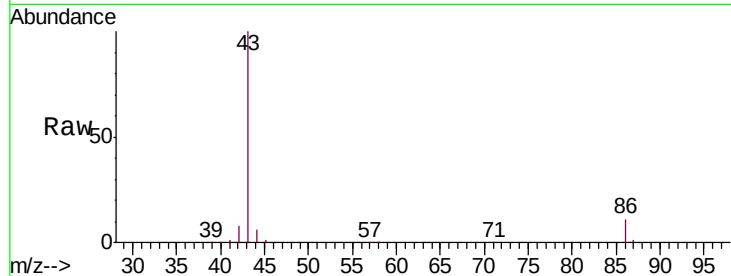
VU0121WBSD01

Tgt Ion: 43 Resp: 359605

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-714) (-)

Ion 86.00 (85.70 to 86.70): VU028994.D (-714) (-)

3.52

150000

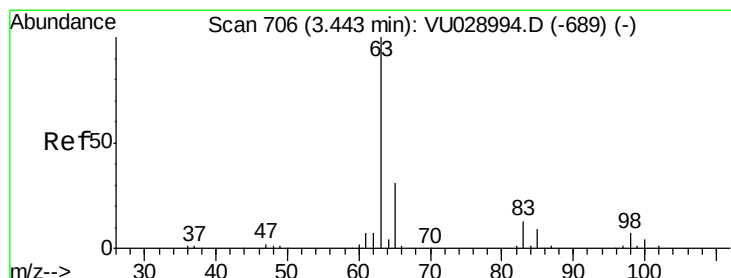
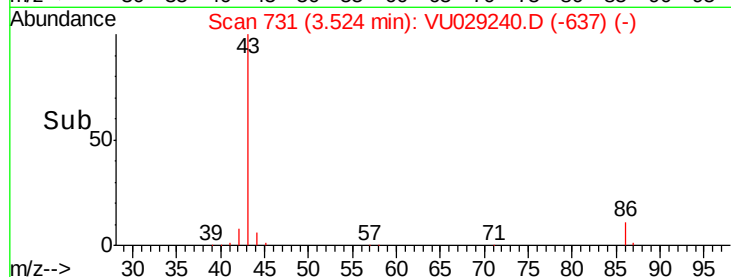
100000

50000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 20.856 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

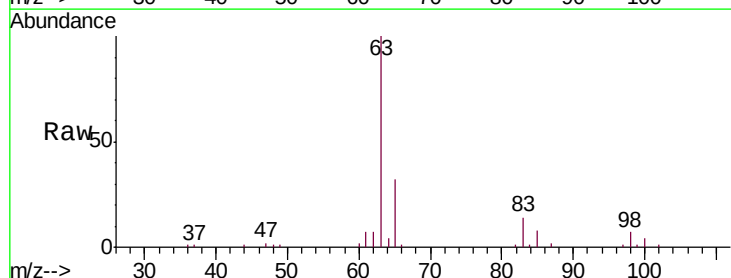
Tgt Ion: 63 Resp: 49840

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU028994.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU028994.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU028994.D (-689) (-)

3.45

30000

25000

20000

15000

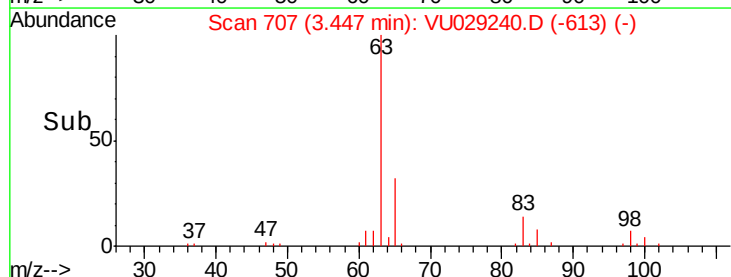
10000

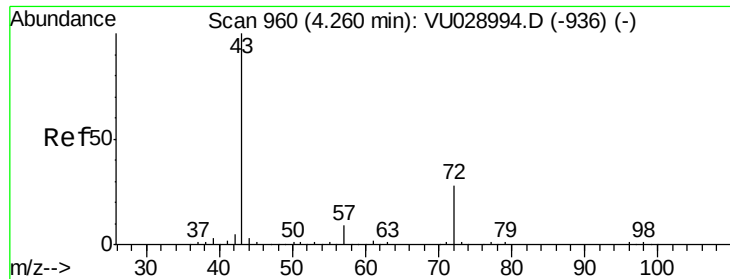
5000

0

3.35 3.40 3.45 3.50 3.55

Time-->





#25

2-Butanone

Concen: 116.631 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

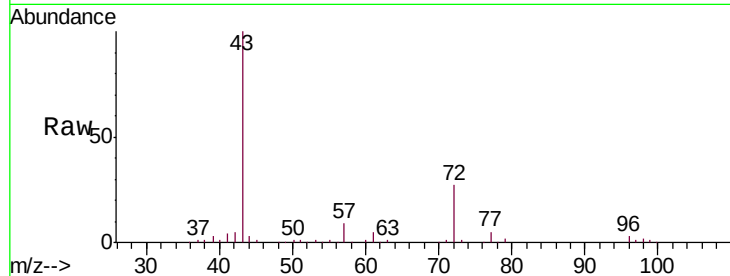
VU0121WBSD01

Tgt Ion: 43 Resp: 135025

Ion Ratio Lower Upper

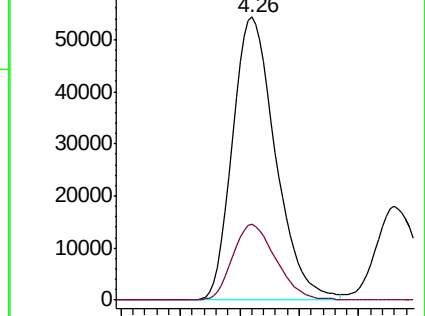
43 100

72 26.9 22.6 33.8

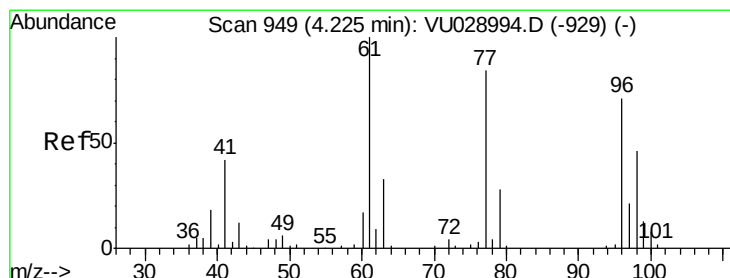
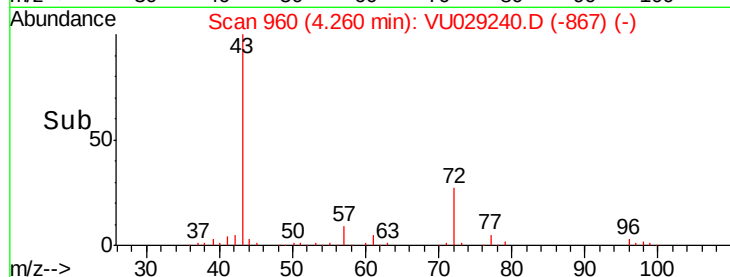


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->



#26

2,2-Dichloropropane

Concen: 20.849 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU029240.D

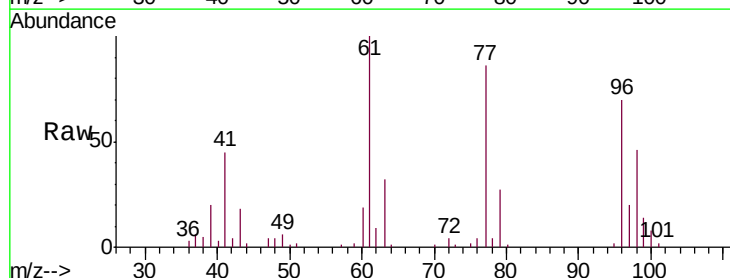
Acq: 21 Jan 2019 11:44

Tgt Ion: 77 Resp: 40257

Ion Ratio Lower Upper

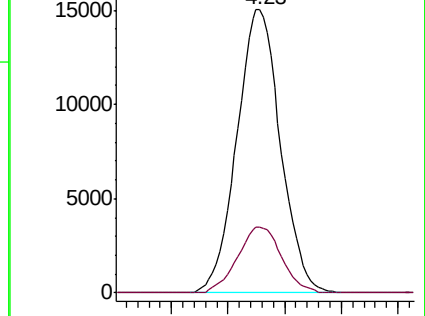
77 100

97 23.5 12.0 36.1

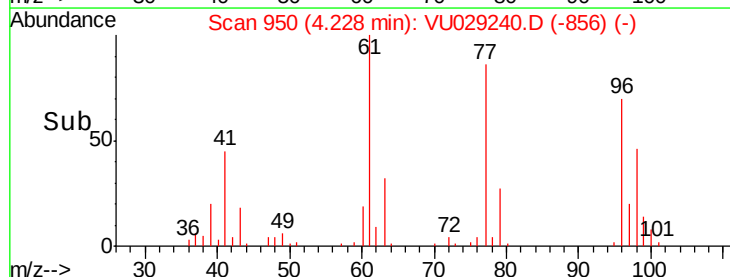


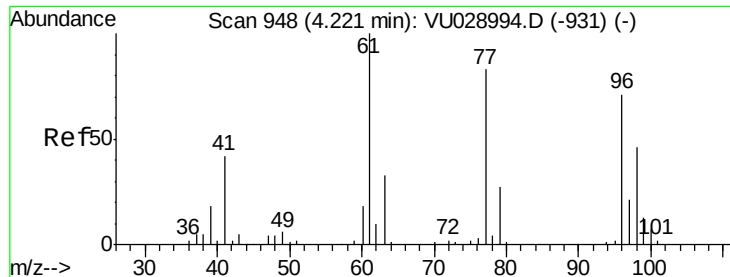
Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



Time-->



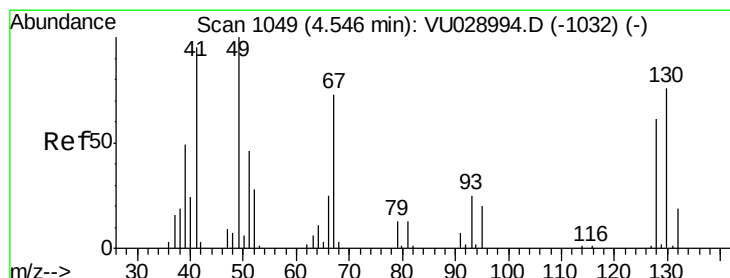
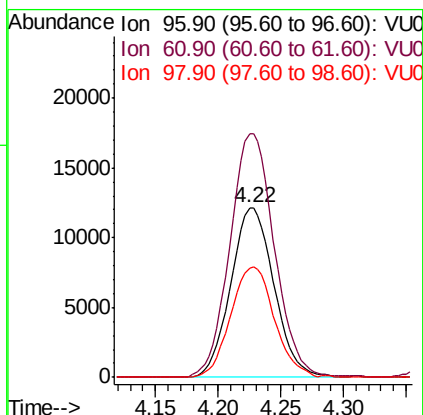
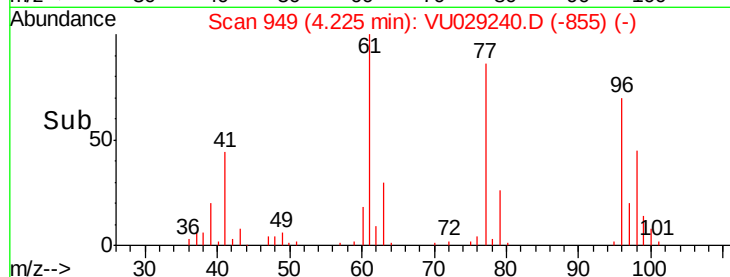
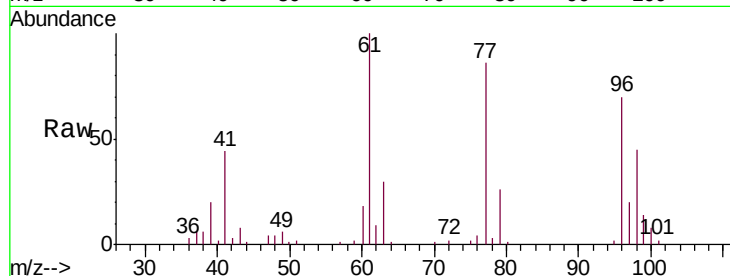


#27

cis-1,2-Dichloroethene
Concen: 20.064 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

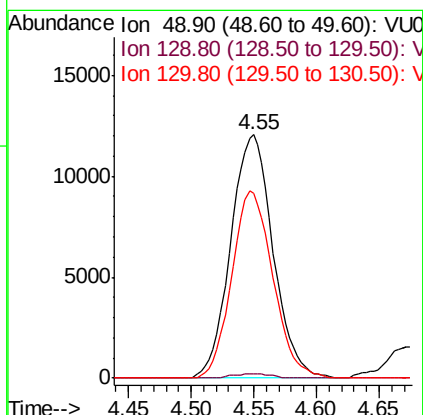
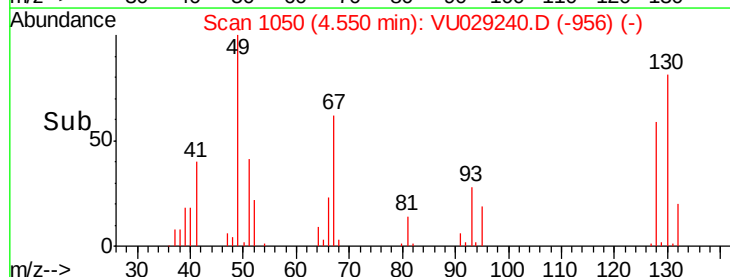
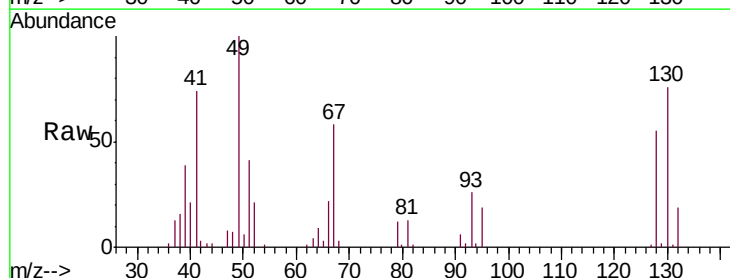
Tgt Ion: 96 Resp: 29105
Ion Ratio Lower Upper
96 100
61 147.6 0.0 285.6
98 65.8 0.0 130.2

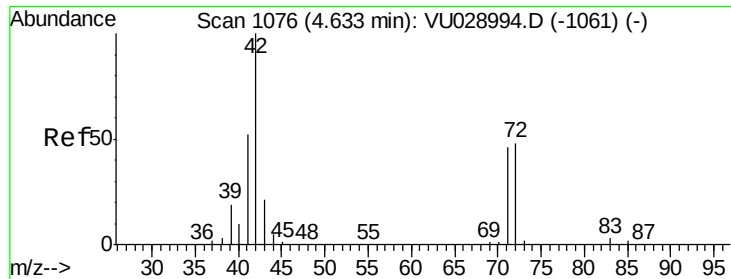


#28

Bromochloromethane
Concen: 27.646 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 49 Resp: 28289
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.4
130 74.6 62.9 94.3

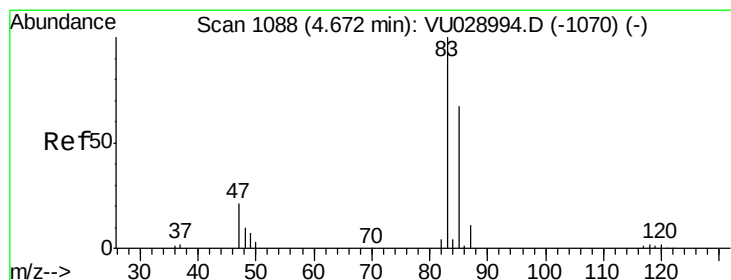
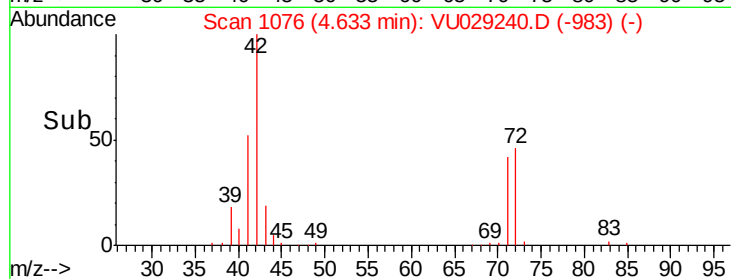
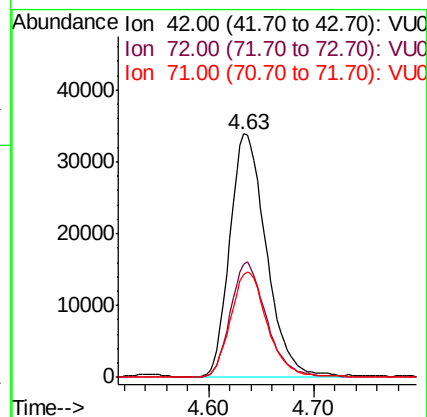
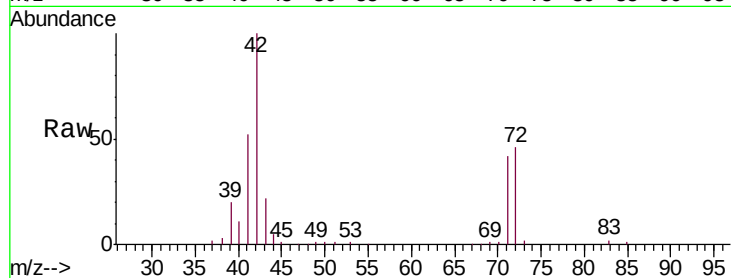




#29
Tetrahydrofuran
Concen: 116.273 ug/l
RT: 4.63 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

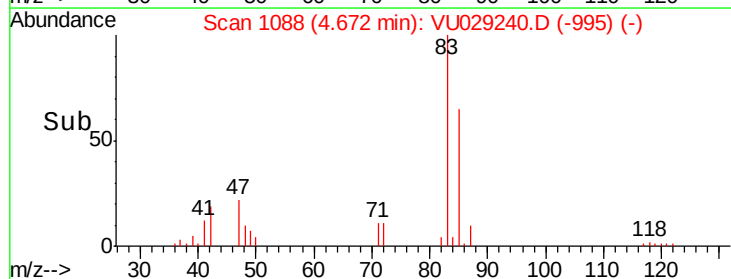
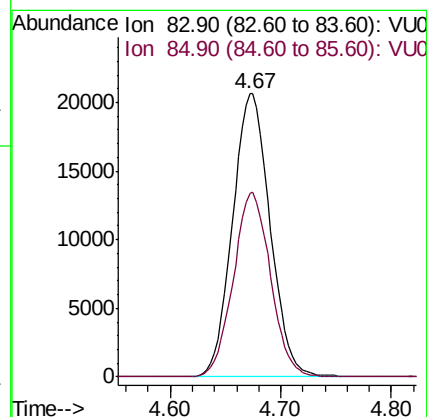
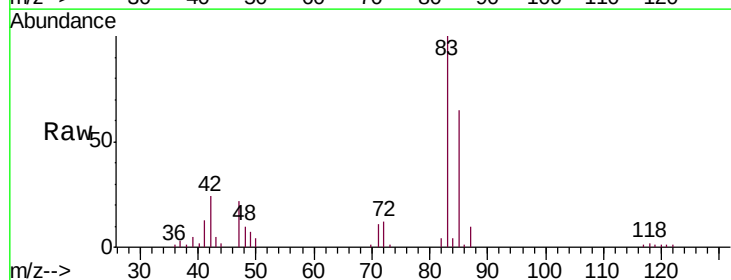
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

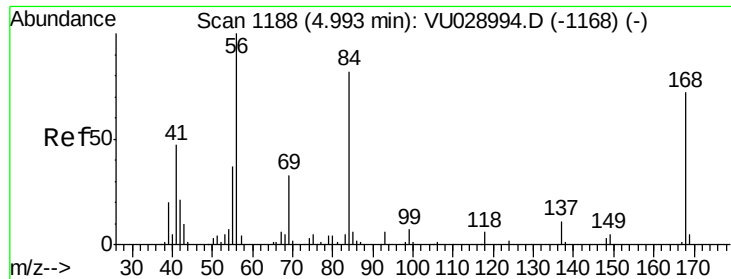
Tgt Ion: 42 Resp: 81643
Ion Ratio Lower Upper
42 100
72 46.5 38.3 57.5
71 43.4 36.1 54.1



#30
Chloroform
Concen: 21.365 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 83 Resp: 48630
Ion Ratio Lower Upper
83 100
85 64.9 53.4 80.0

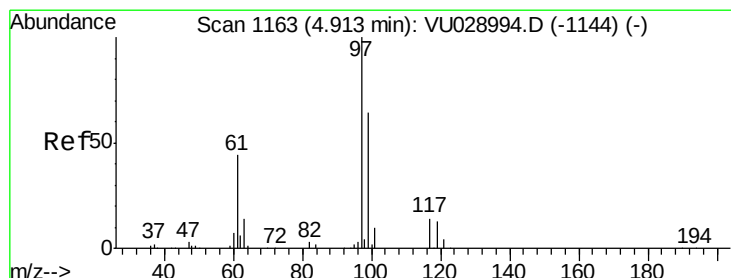
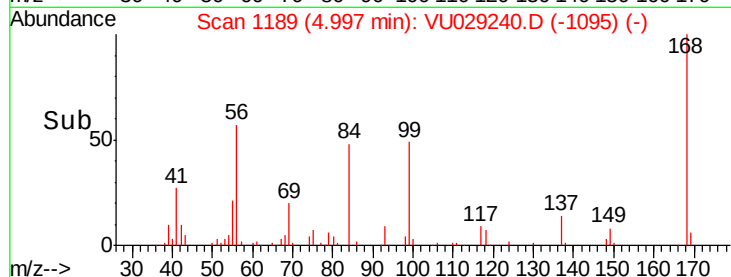
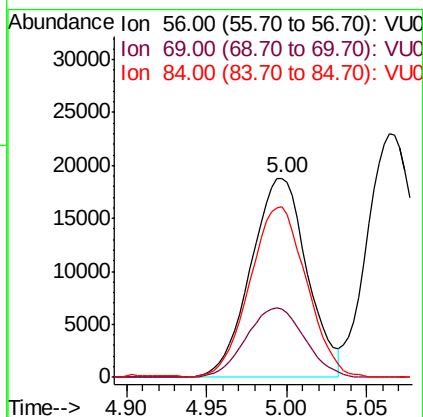
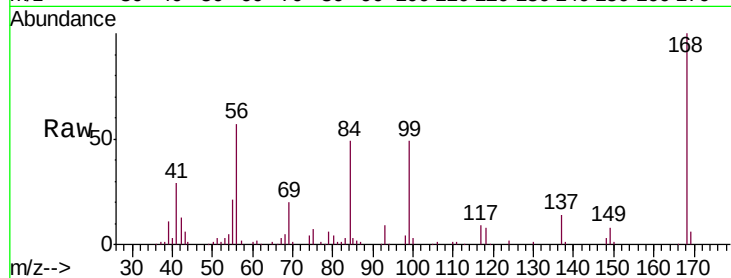




#31
Cyclohexane
Concen: 19.565 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

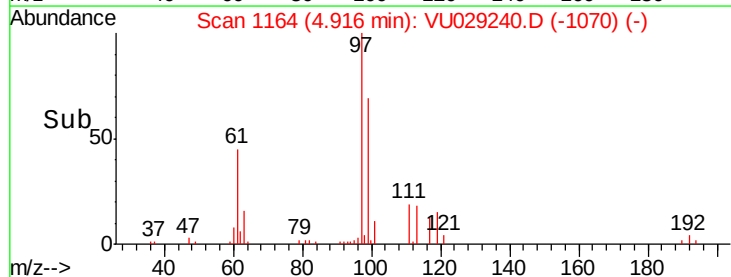
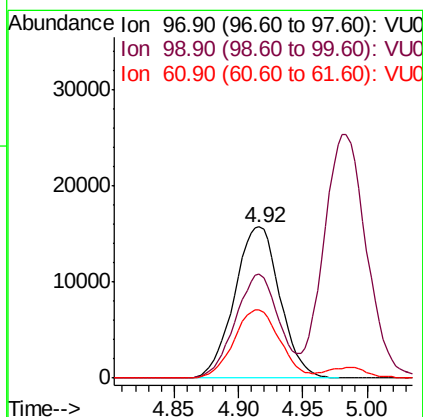
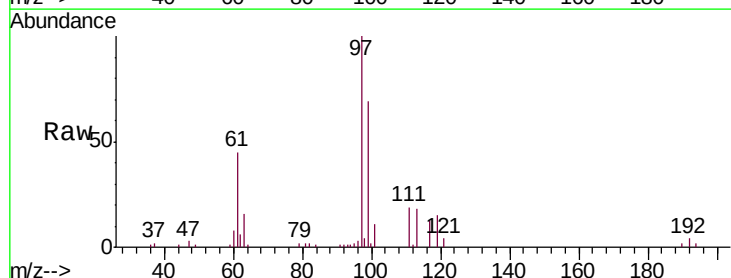
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

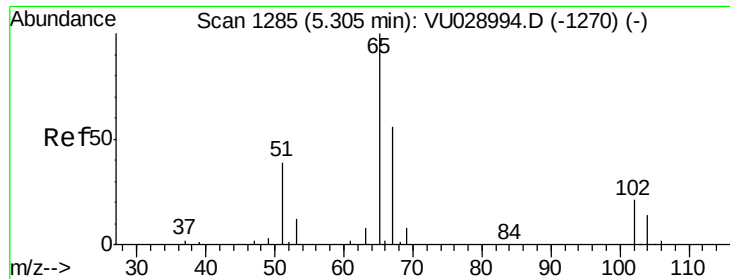
Tgt Ion: 56 Resp: 45677
Ion Ratio Lower Upper
56 100
69 34.6 26.7 40.1
84 85.7 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 20.459 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 97 Resp: 38478
Ion Ratio Lower Upper
97 100
99 65.9 51.0 76.4
61 45.8 34.4 51.6

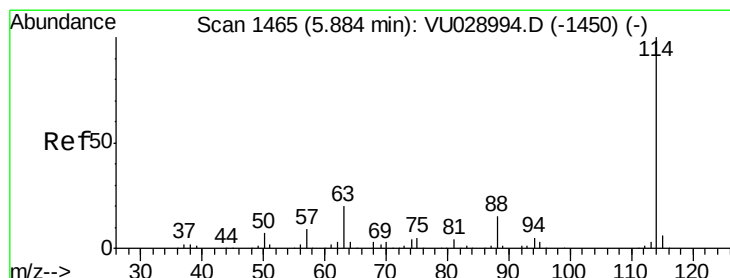
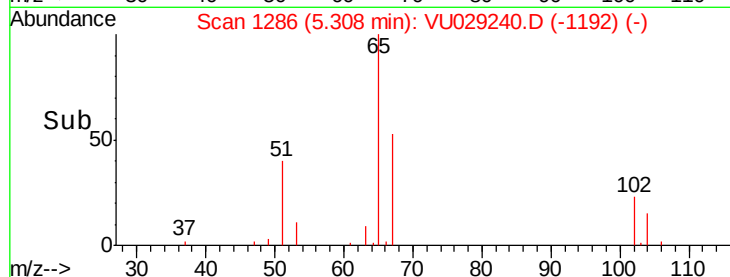
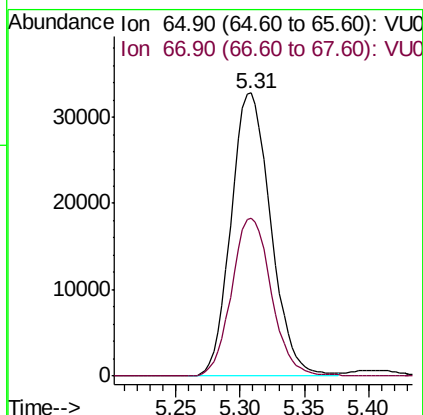
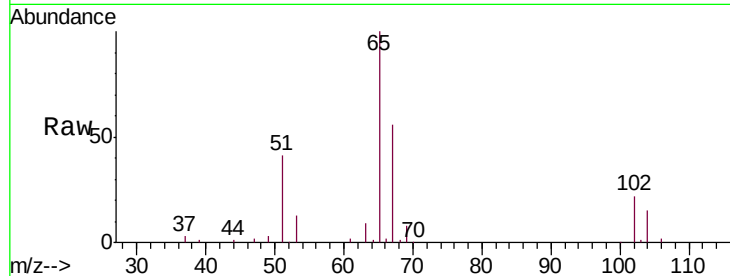




#33
 1,2-Dichloroethane-d4
 Concen: 51.779 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

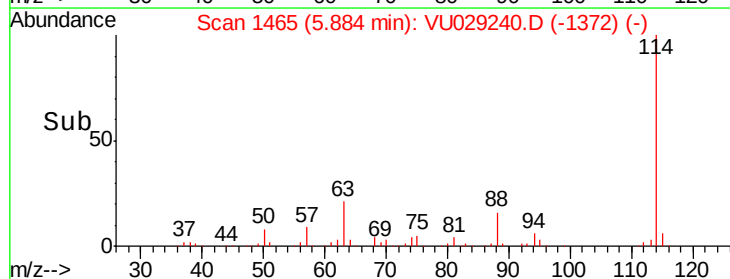
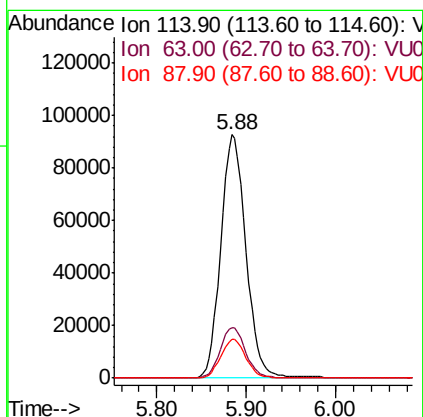
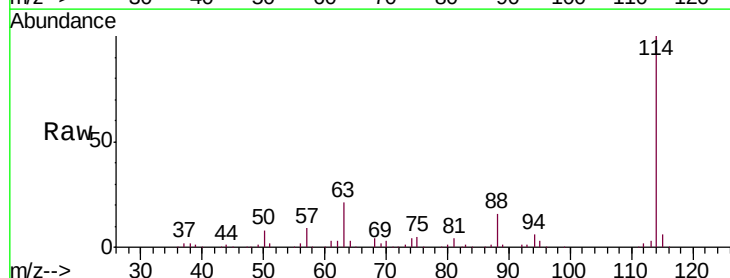
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

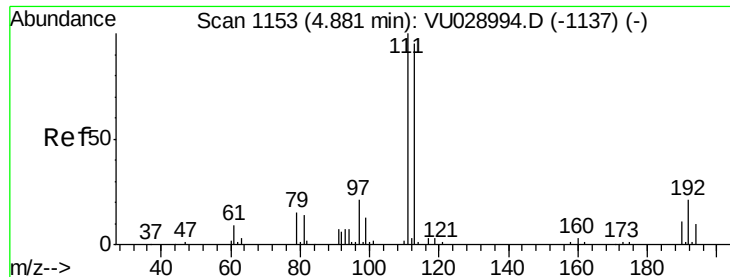
Tgt Ion: 65 Resp: 70453
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 114 Resp: 181593
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.2
 88 16.0 0.0 30.4

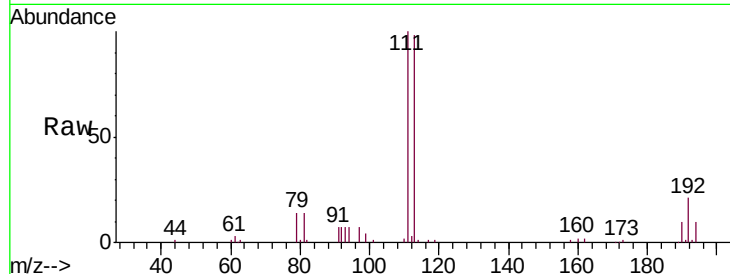




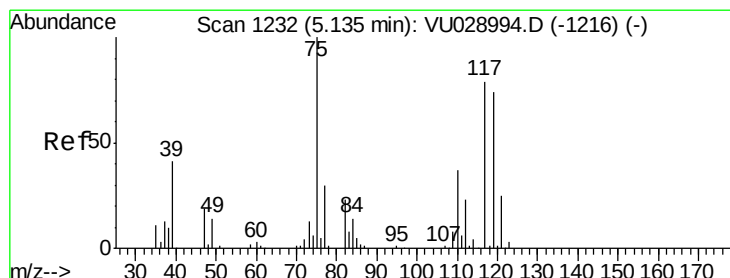
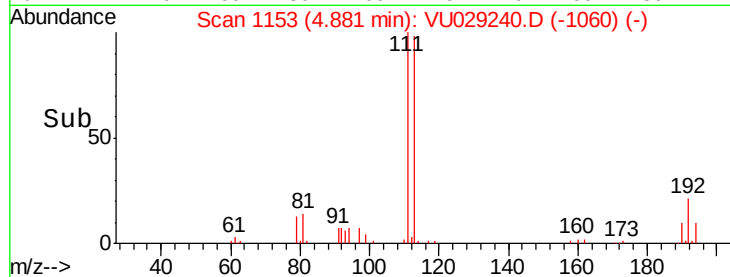
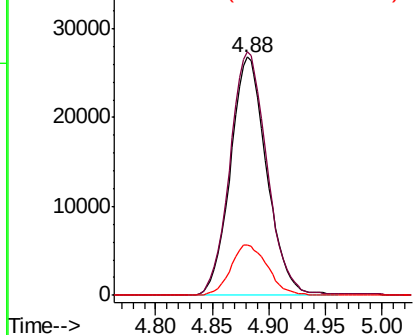
#35
 Dibromofluoromethane
 Concen: 50.839 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

Tgt Ion:113 Resp: 59844
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.4 122.2
 192 21.5 16.8 25.2

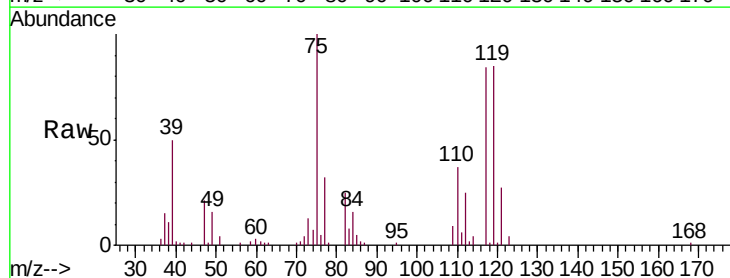


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

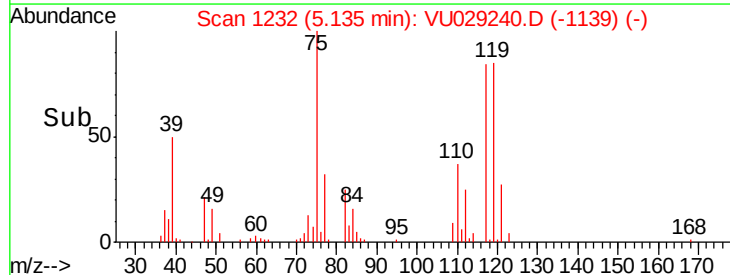
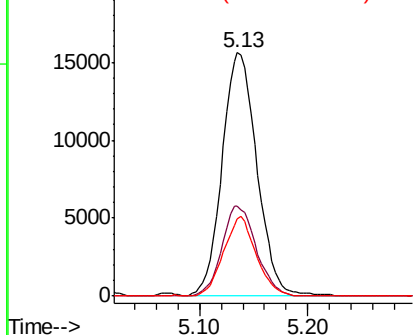


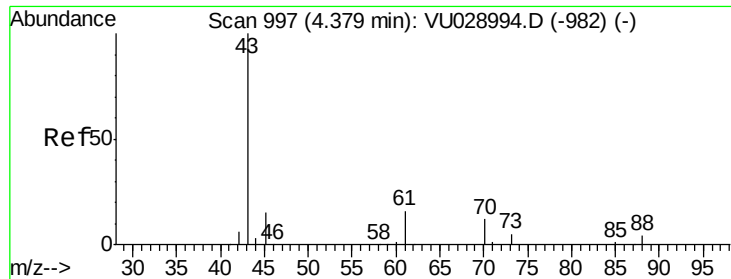
#36
 1,1-Dichloropropene
 Concen: 19.354 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 75 Resp: 35129
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.4 55.4
 77 30.6 25.1 37.7



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

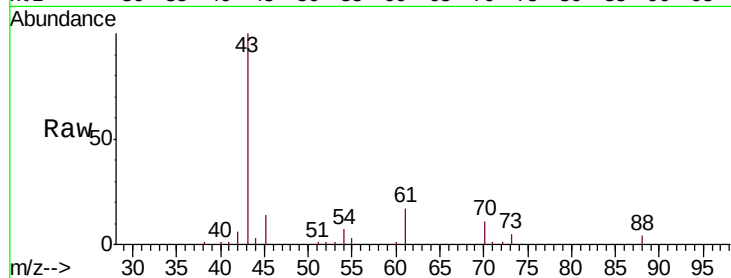




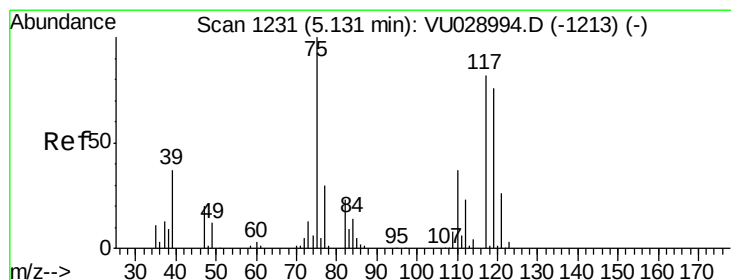
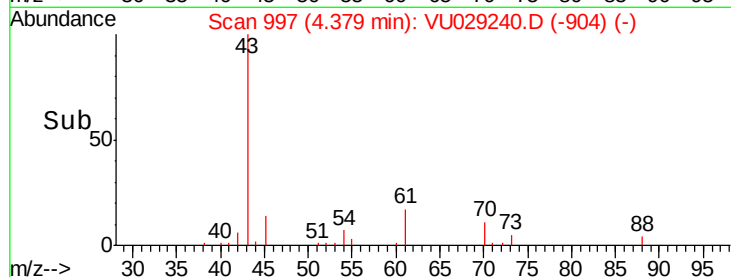
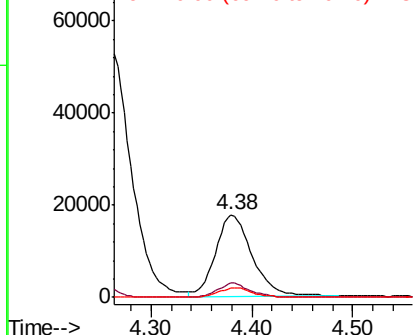
#37
Ethyl Acetate
Concen: 22.379 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

Tgt Ion: 43 Resp: 44587
Ion Ratio Lower Upper
43 100
61 15.5 12.6 18.8
70 10.7 9.3 13.9

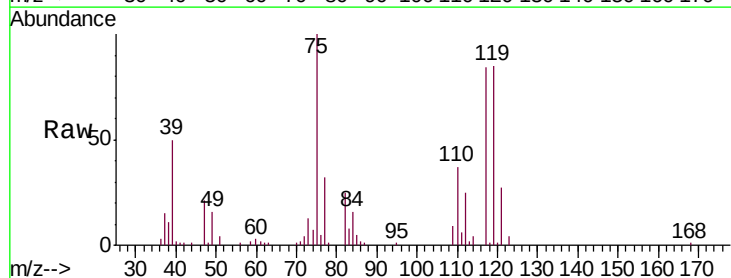


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

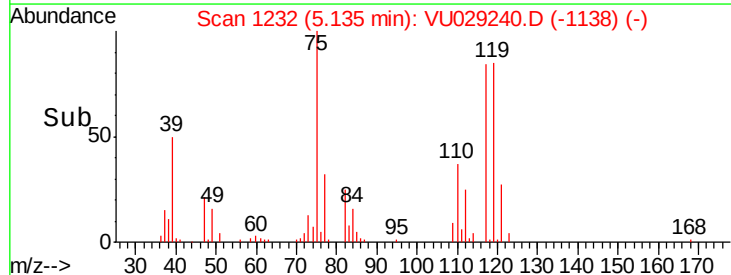
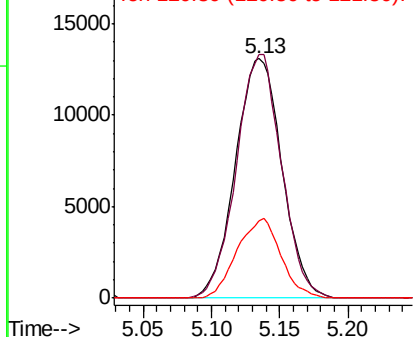


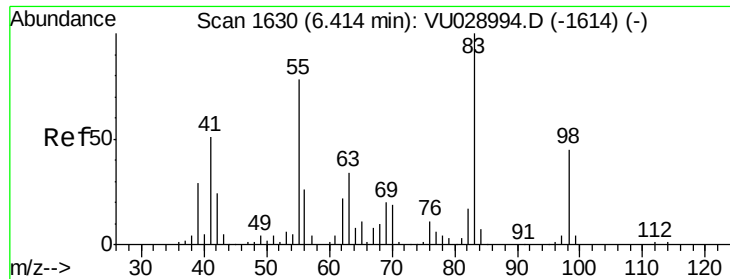
#38
Carbon Tetrachloride
Concen: 20.538 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 117 Resp: 31092
Ion Ratio Lower Upper
117 100
119 101.6 74.6 111.8
121 32.2 25.0 37.6



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

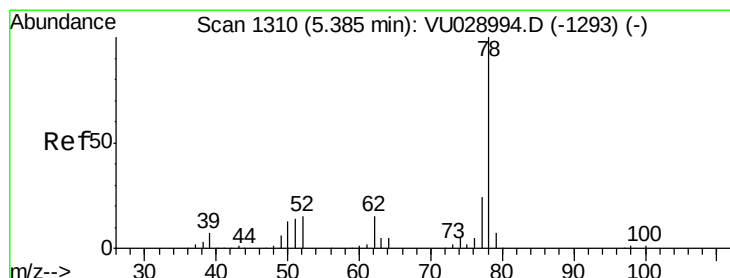
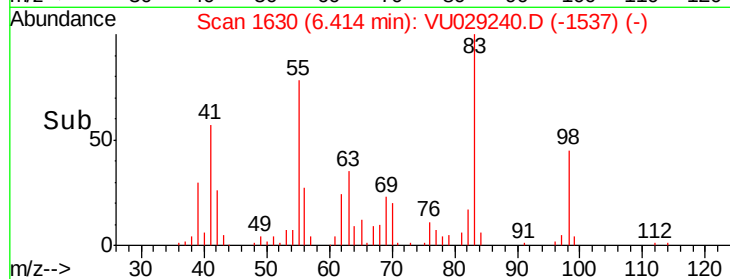
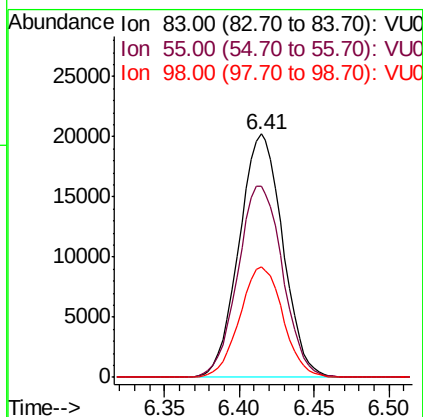
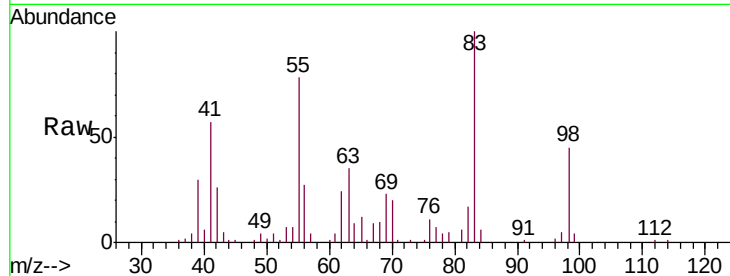




#39
Methylcyclohexane
Concen: 18.346 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

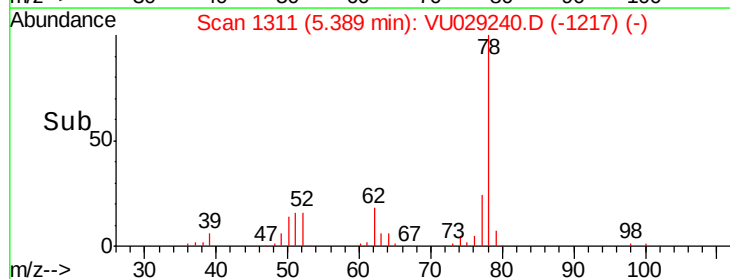
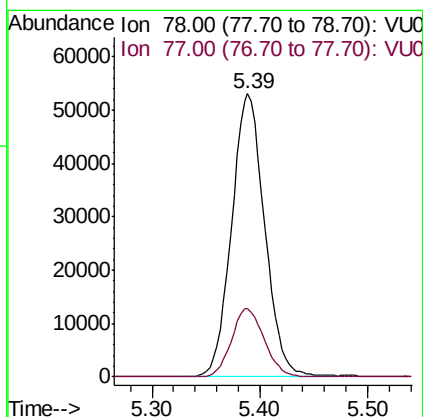
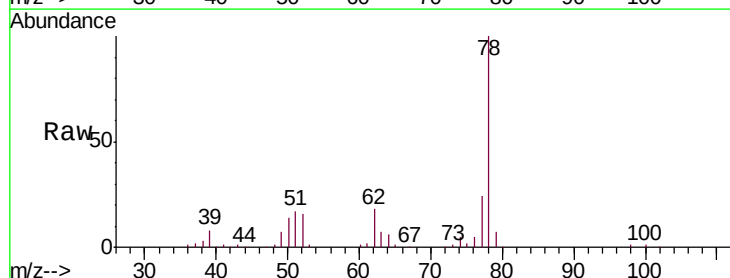
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

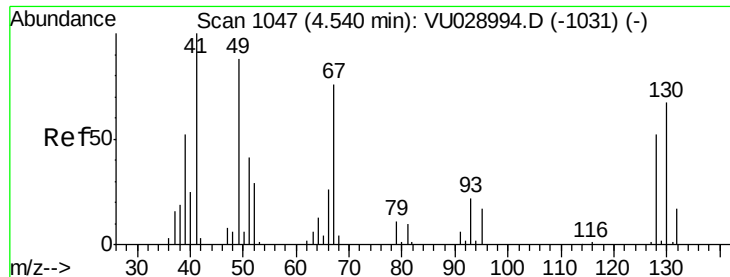
Tgt Ion: 83 Resp: 40938
Ion Ratio Lower Upper
83 100
55 78.3 62.4 93.6
98 45.2 36.2 54.2



#40
Benzene
Concen: 19.981 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 78 Resp: 113129
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3

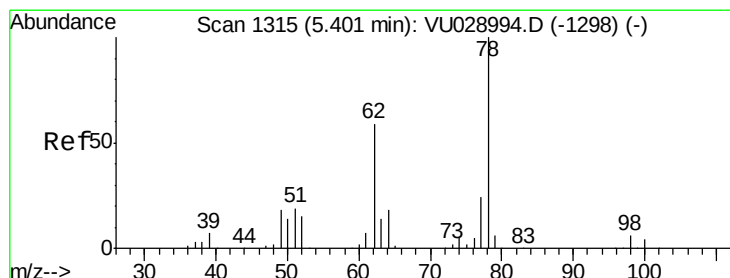
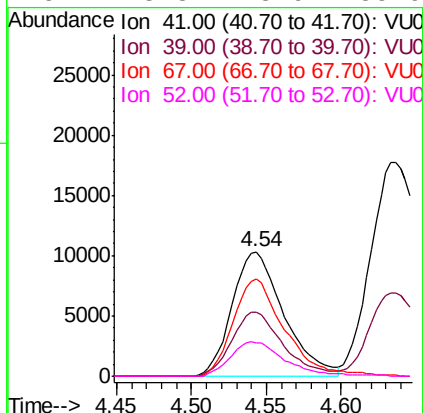
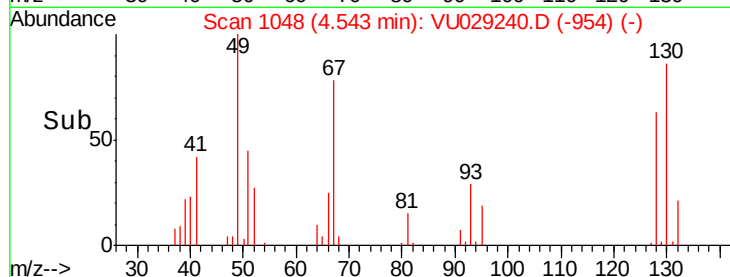
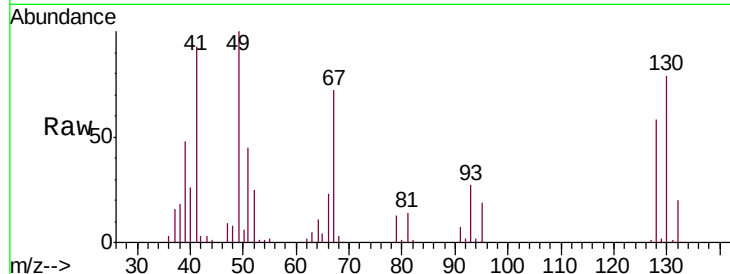




#41
Methacrylonitrile
Concen: 23.247 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

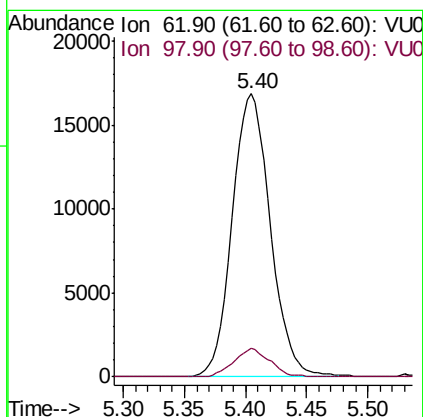
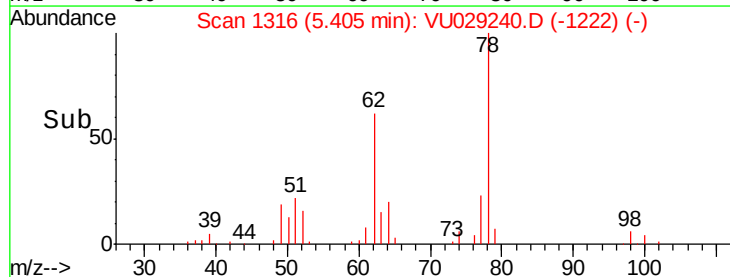
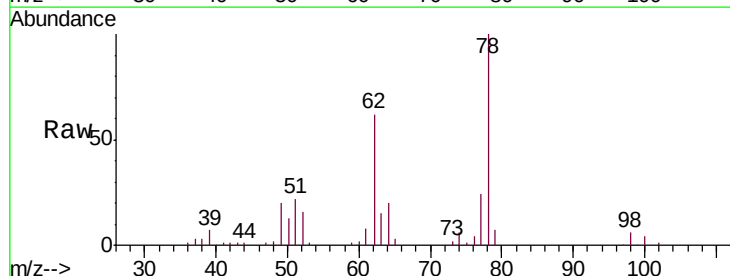
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

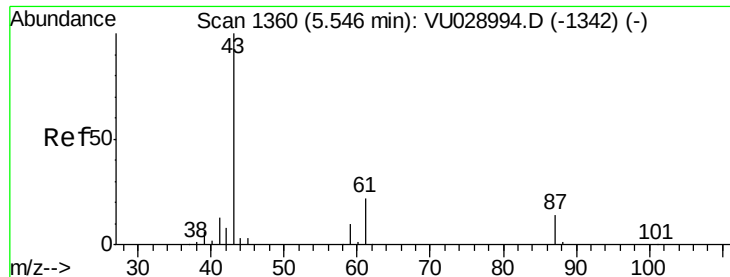
Tgt Ion: 41 Resp: 24793
Ion Ratio Lower Upper
41 100
39 50.9 42.3 63.5
67 78.0 64.4 96.6
52 28.8 23.9 35.9



#42
1,2-Dichloroethane
Concen: 21.481 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 62 Resp: 36546
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6





#43

Isopropyl Acetate

Concen: 22.055 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBSD01

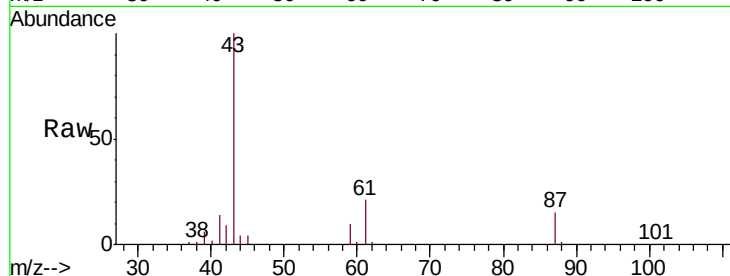
Tgt Ion: 43 Resp: 67405

Ion Ratio Lower Upper

43 100

61 21.1 17.8 26.6

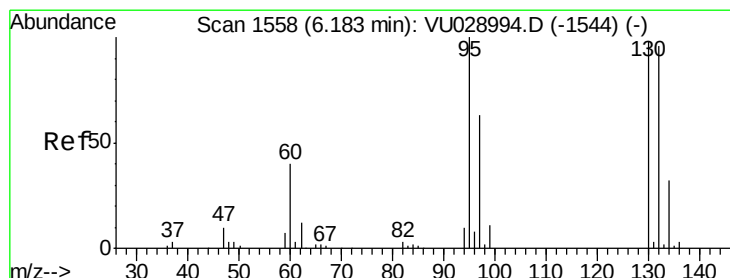
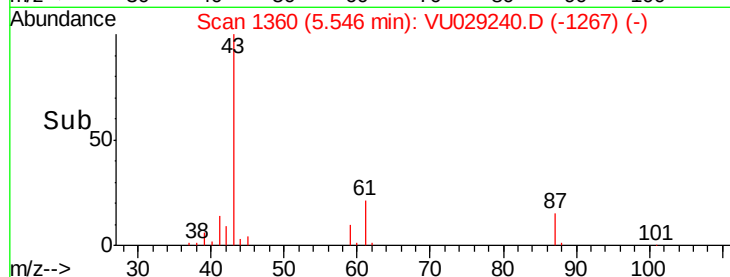
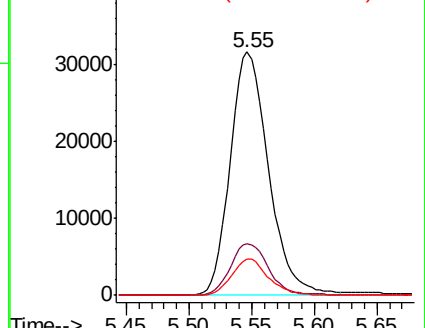
87 14.0 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#44

Trichloroethene

Concen: 19.357 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU029240.D

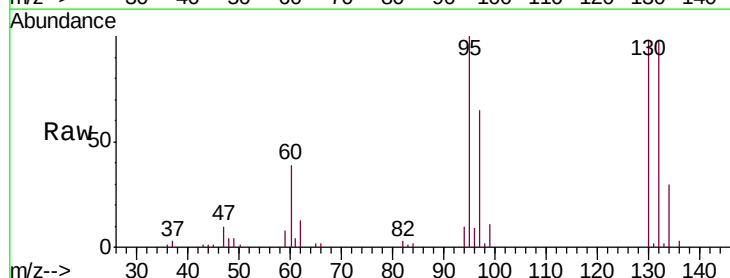
Acq: 21 Jan 2019 11:44

Tgt Ion: 130 Resp: 27155

Ion Ratio Lower Upper

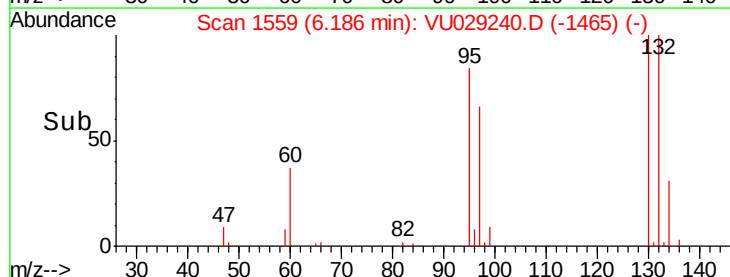
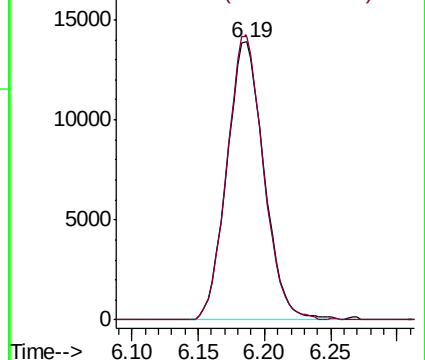
130 100

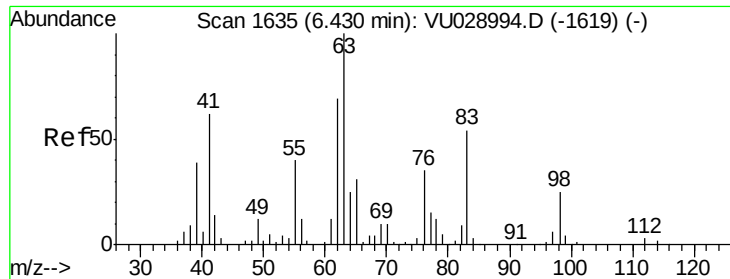
95 101.9 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028994.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028994.D (-1544) (-)

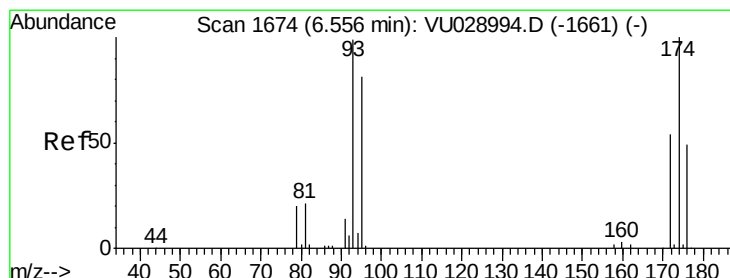
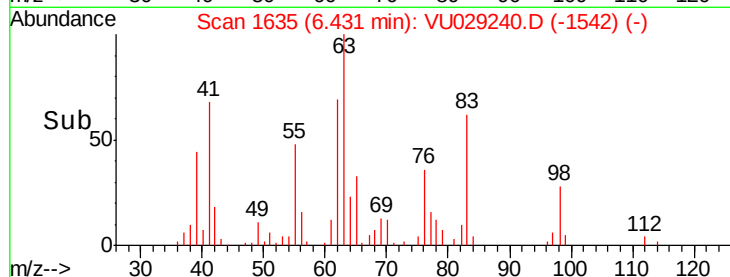
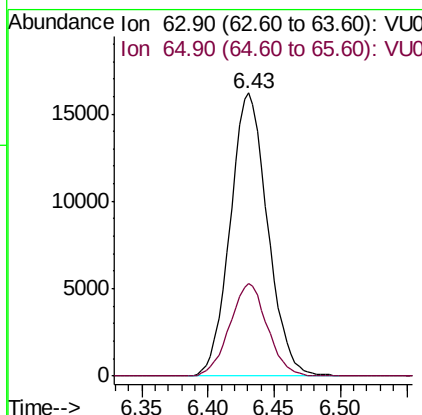
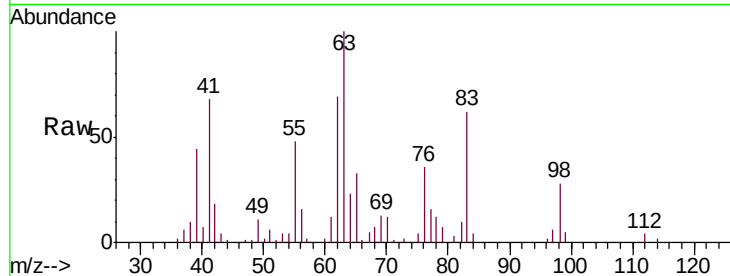




#45
 1,2-Dichloropropane
 Concen: 21.206 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

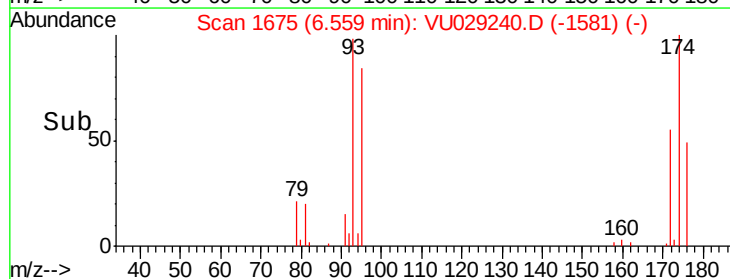
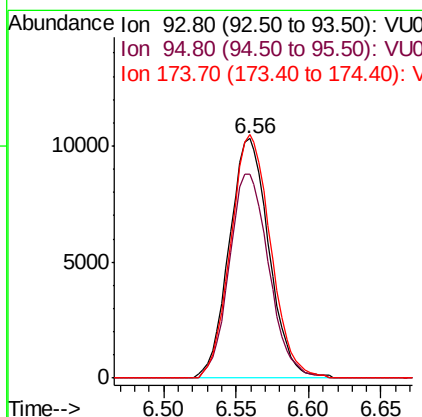
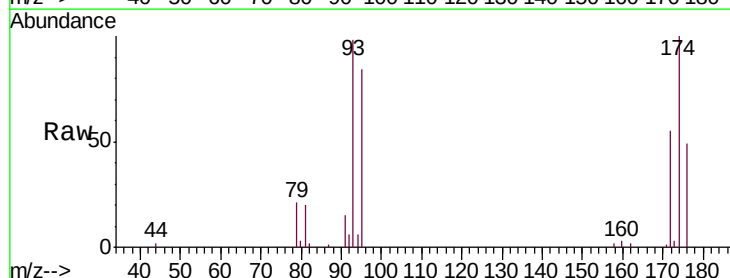
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

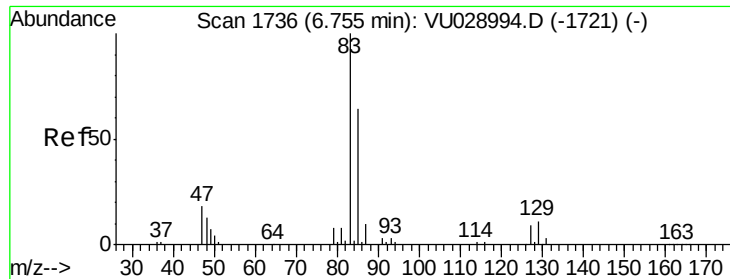
Tgt Ion: 63 Resp: 31707
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.1 37.7



#46
 Dibromomethane
 Concen: 20.591 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 93 Resp: 19681
 Ion Ratio Lower Upper
 93 100
 95 85.0 67.2 100.8
 174 102.2 82.6 123.8





#47

Bromodichloromethane

Concen: 21.213 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBSD01

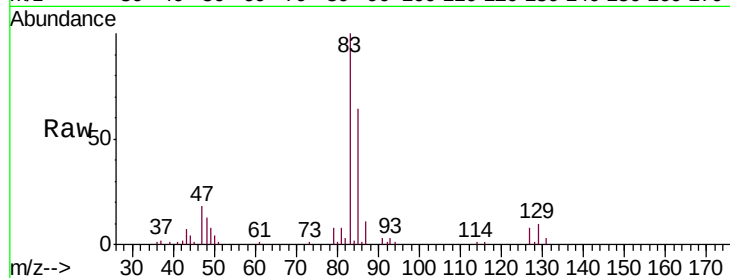
Tgt Ion: 83 Resp: 37331

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2

127 8.2 7.0 10.4

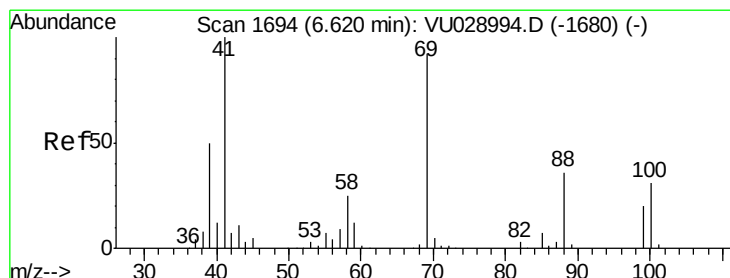
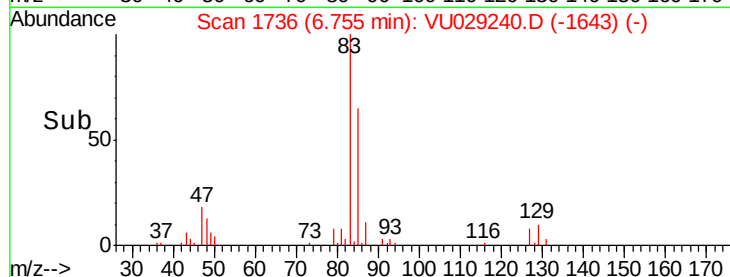


Abundance Ion 82.90 (82.60 to 83.60): VU029240.D (-1643) (-)

Ion 84.90 (84.60 to 85.60): VU029240.D (-1643) (-)

Ion 126.80 (126.50 to 127.50): VU029240.D (-1643) (-)

Time-->



#48

Methyl methacrylate

Concen: 22.390 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

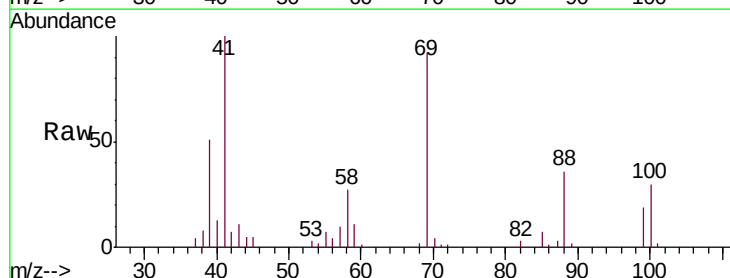
Tgt Ion: 41 Resp: 33320

Ion Ratio Lower Upper

41 100

69 93.2 73.6 110.4

39 50.8 39.6 59.4

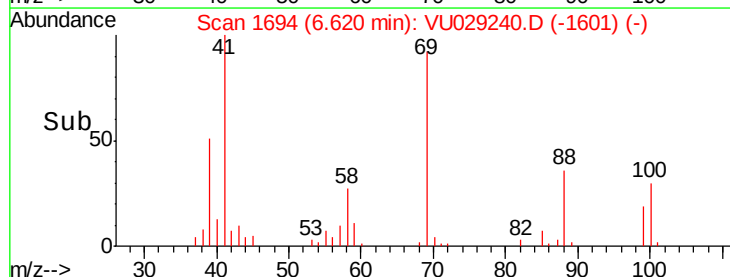


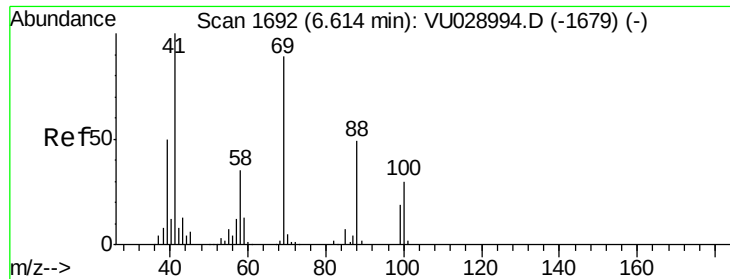
Abundance Ion 41.00 (40.70 to 41.70): VU029240.D (-1601) (-)

Ion 69.00 (68.70 to 69.70): VU029240.D (-1601) (-)

Ion 39.00 (38.70 to 39.70): VU029240.D (-1601) (-)

Time-->

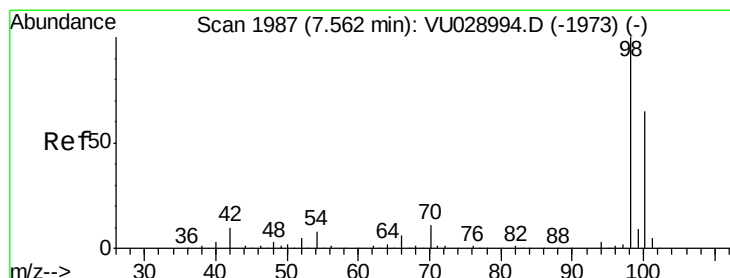
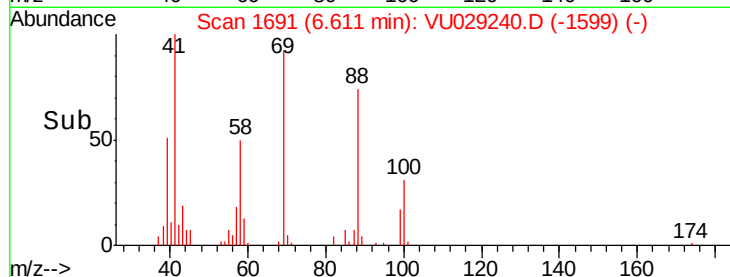
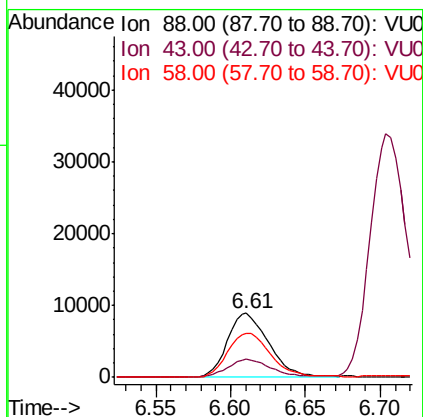
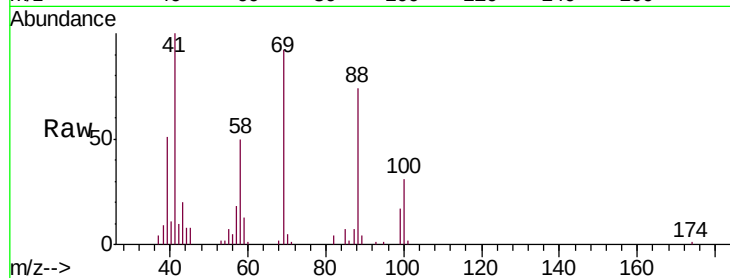




#49
1,4-Dioxane
Concen: 489.429 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

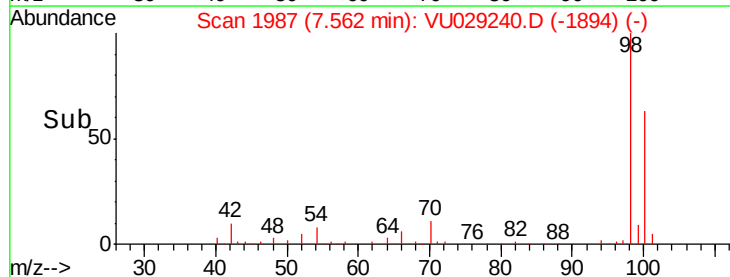
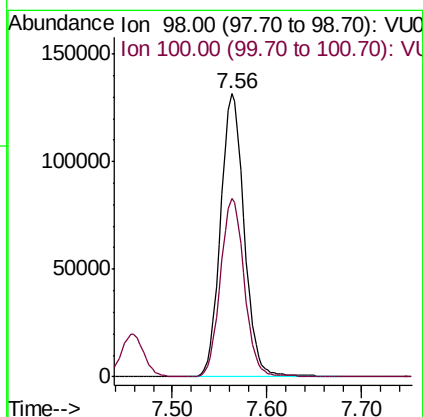
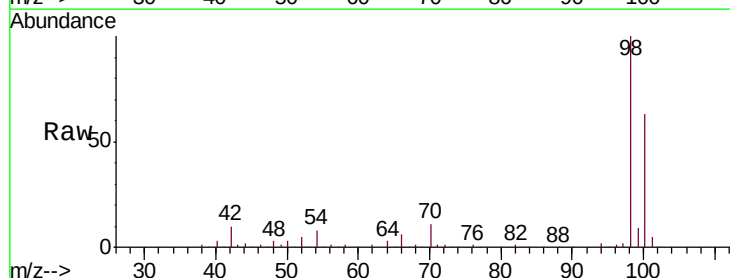
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

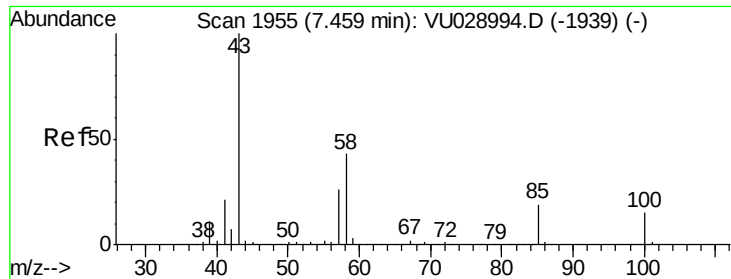
Tgt Ion: 88 Resp: 17261
Ion Ratio Lower Upper
88 100
43 29.9 23.0 34.4
58 72.0 57.9 86.9



#50
Toluene-d8
Concen: 49.314 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 98 Resp: 229174
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 112.890 ug/l

RT: 7.46 min Scan# 1954

Delta R.T. -0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

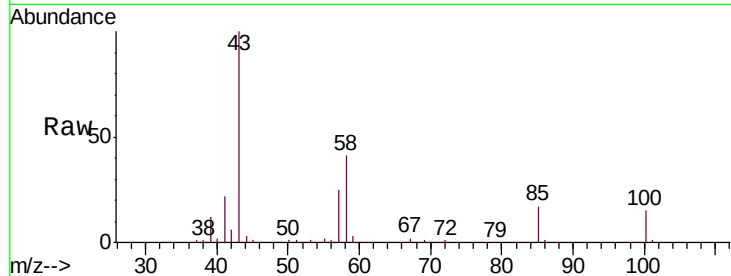
VU0121WBSD01

Tgt Ion: 43 Resp: 234809

Ion Ratio Lower Upper

43 100

58 41.2 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

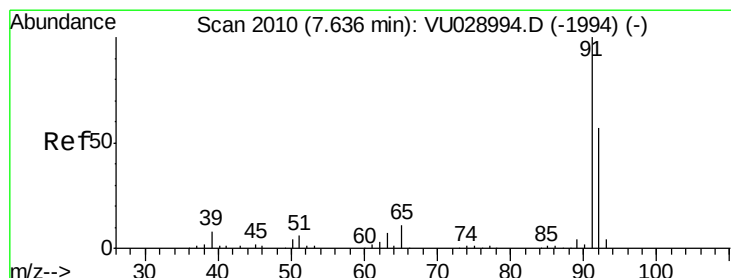
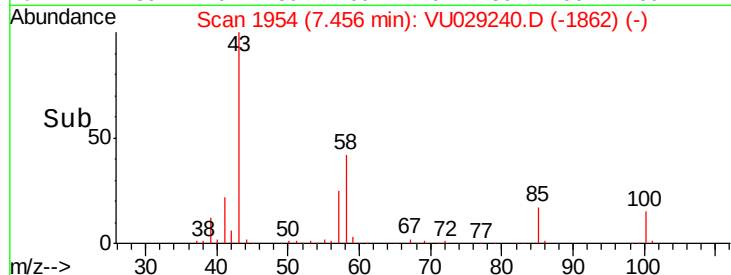
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.900 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029240.D

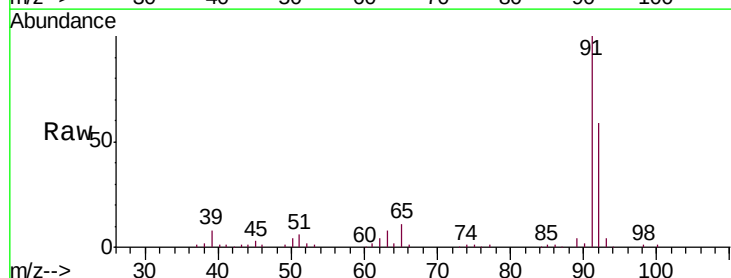
Acq: 21 Jan 2019 11:44

Tgt Ion: 92 Resp: 68589

Ion Ratio Lower Upper

92 100

91 172.6 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

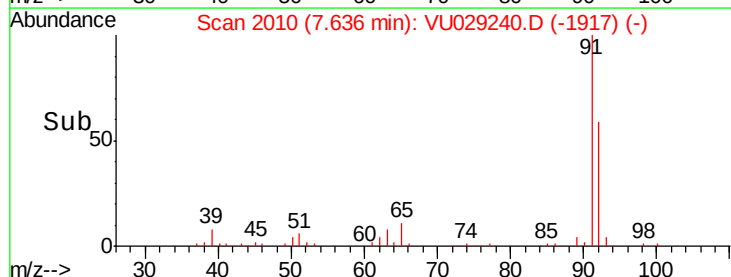
60000

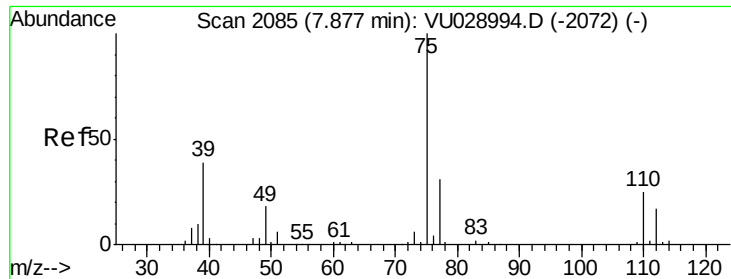
40000

20000

0

Time-->

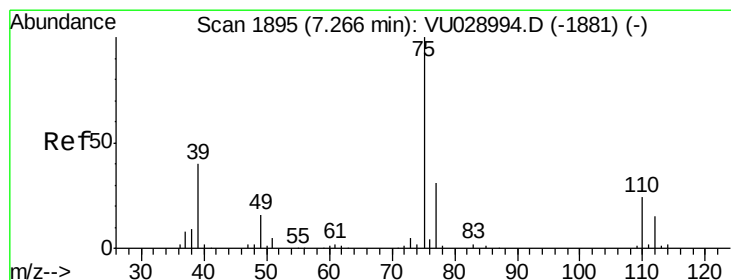
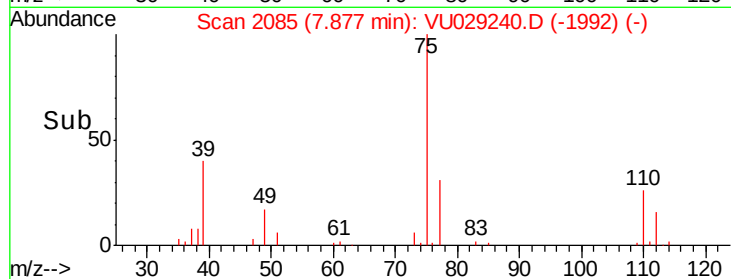
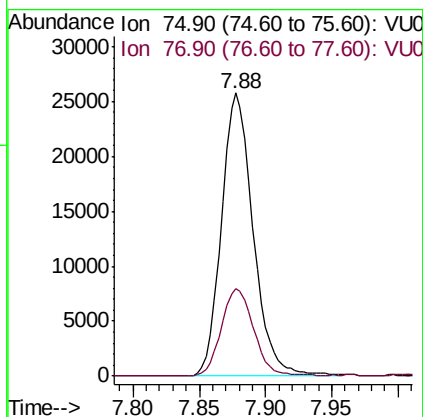
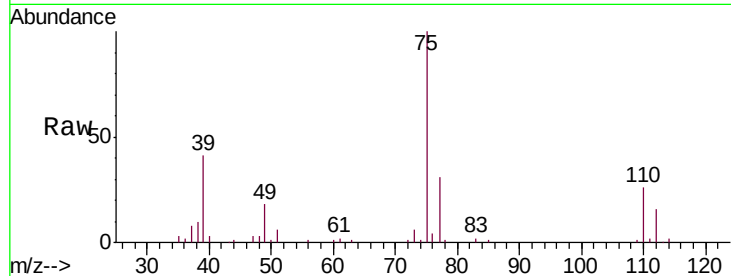




#53
 t-1,3-Dichloropropene
 Concen: 20.255 ug/l
 RT: 7.88 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

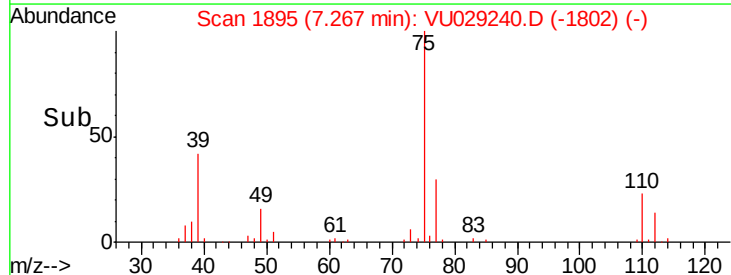
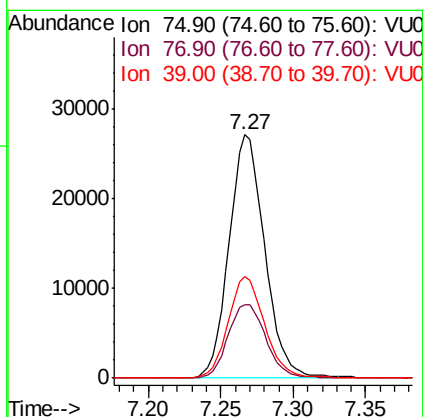
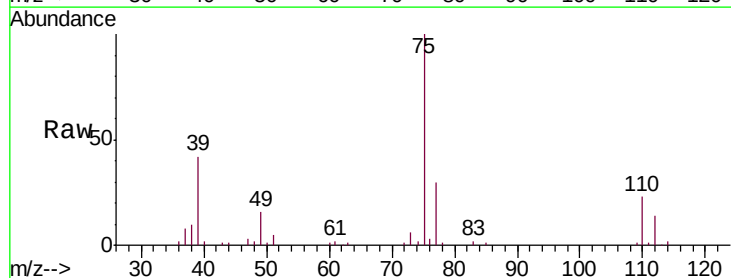
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

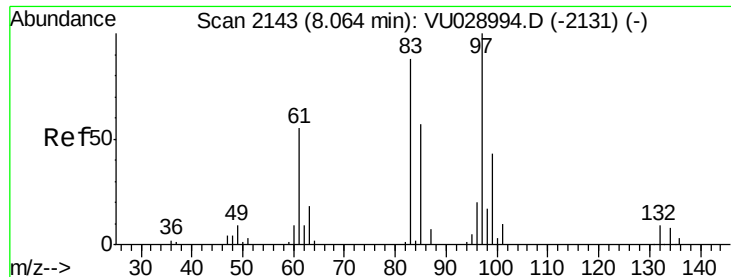
Tgt Ion: 75 Resp: 42819
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.271 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 75 Resp: 46305
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.6
 39 41.6 32.2 48.4

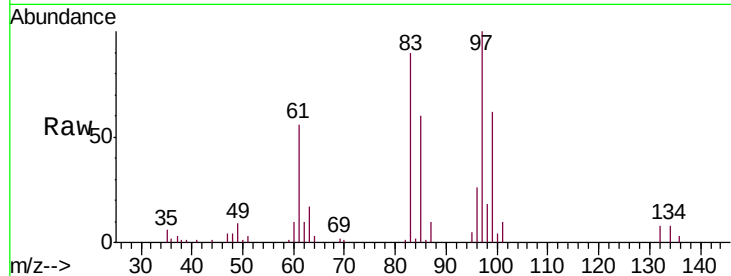




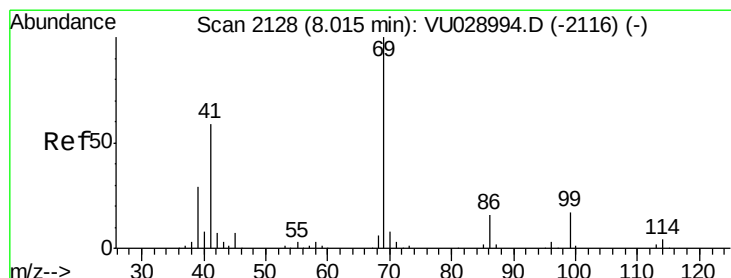
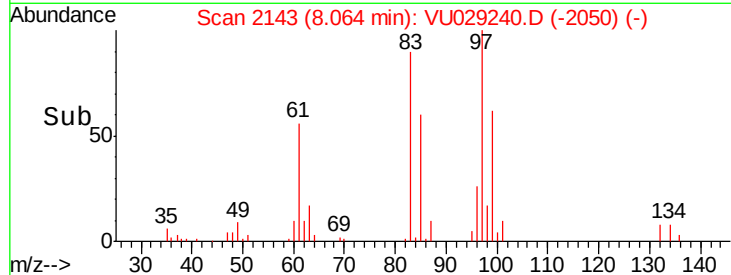
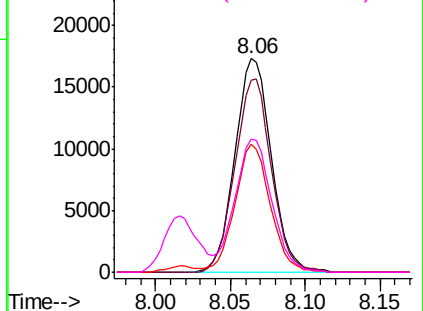
#55
 1,1,2-Trichloroethane
 Concen: 21.253 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

Tgt Ion:	97	Resp:	29347
Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.8	104.8
85	59.8	47.3	70.9
99	62.3	49.7	74.5

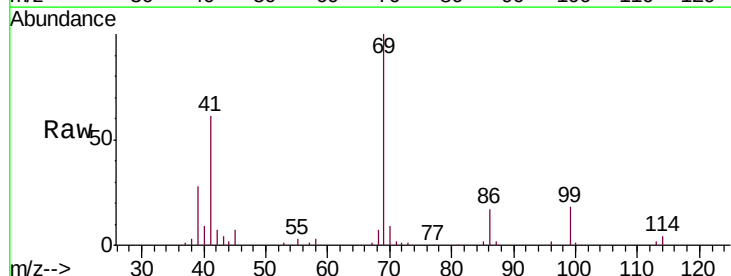


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

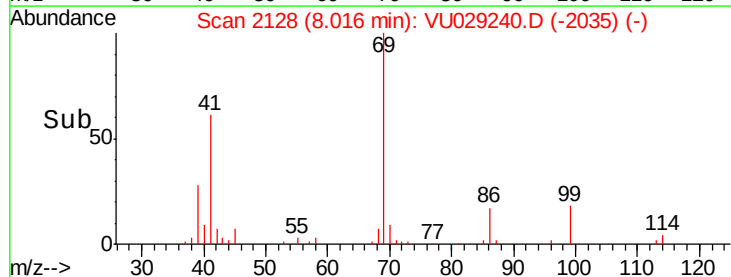
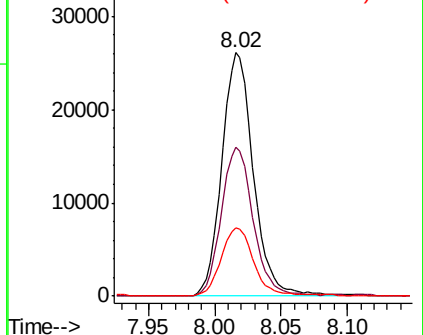


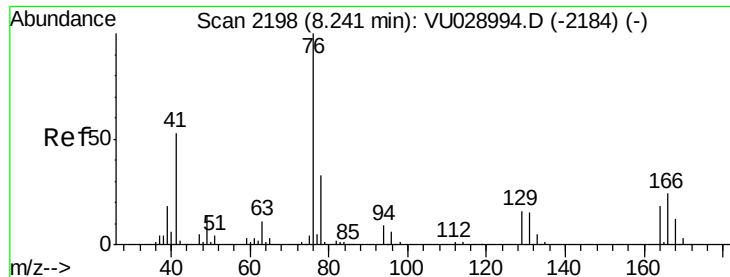
#56
 Ethyl methacrylate
 Concen: 20.322 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion:	69	Resp:	43231
Ion	Ratio	Lower	Upper
69	100		
41	61.8	47.5	71.3
39	29.3	22.5	33.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

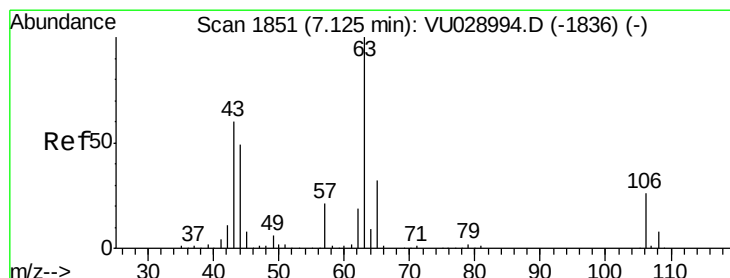
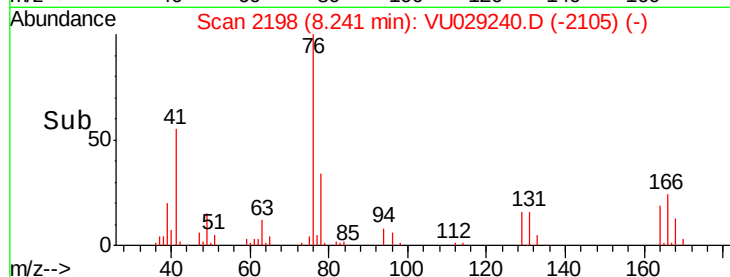
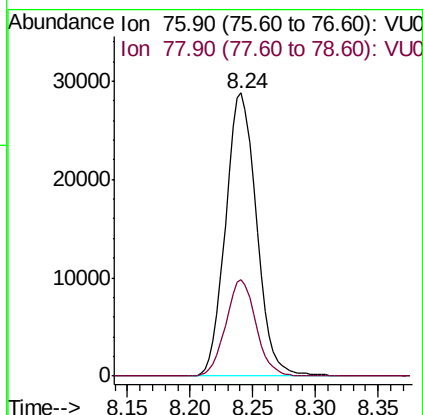
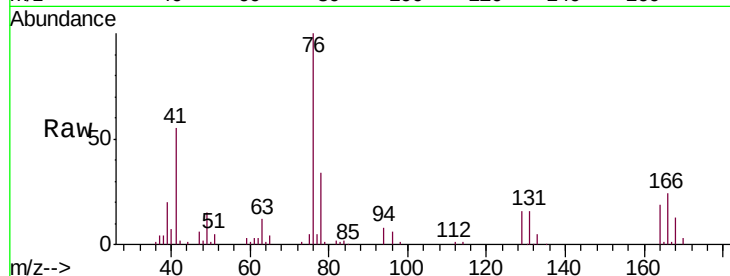




#57
 1,3-Dichloropropane
 Concen: 20.927 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

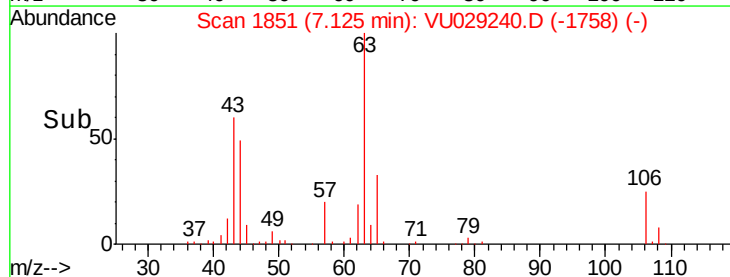
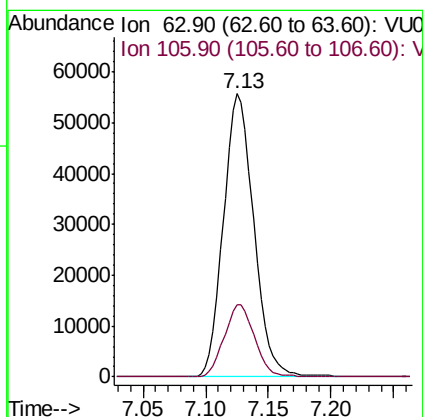
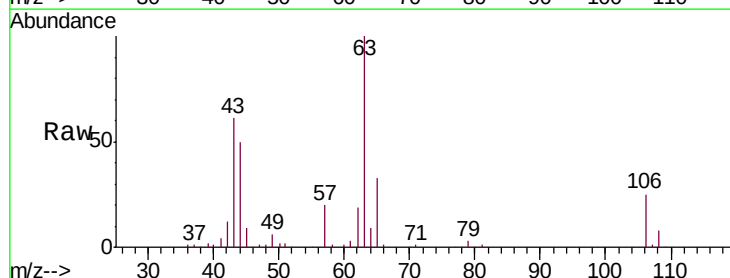
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

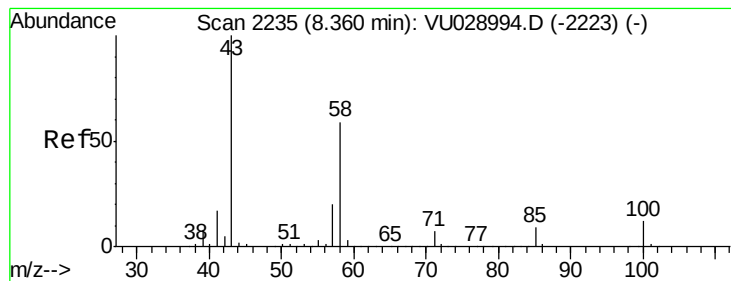
Tgt Ion: 76 Resp: 49446
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.735 ug/l
 RT: 7.13 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 63 Resp: 94242
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.6 31.0





#59

2-Hexanone

Concen: 113.519 ug/l

RT: 8.36 min Scan# 2235

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

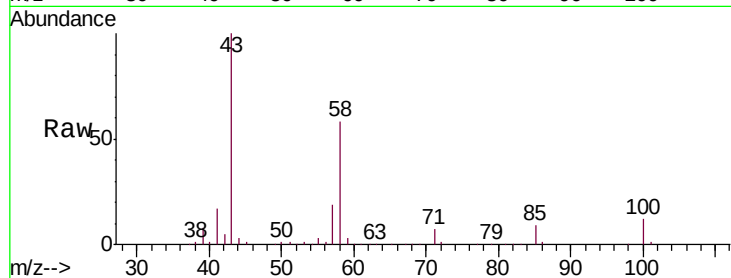
VU0121WBSD01

Tgt Ion: 43 Resp: 185343

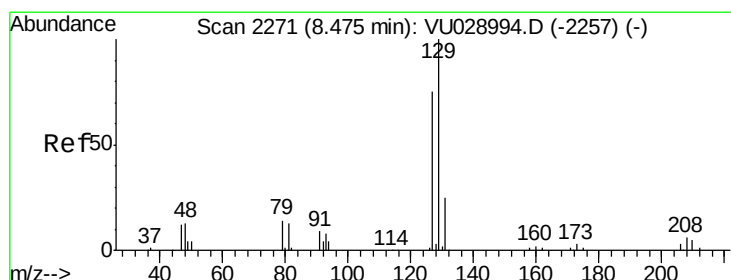
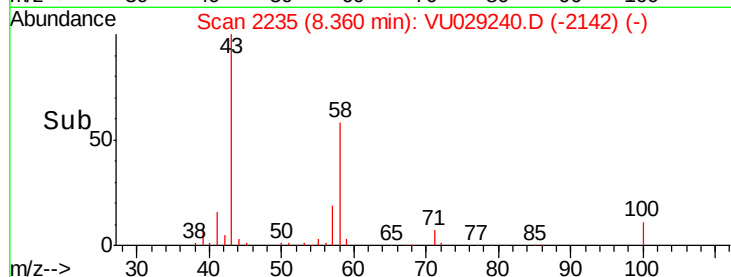
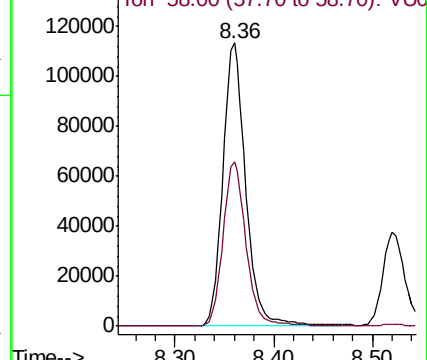
Ion Ratio Lower Upper

43 100

58 58.3 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VU029240.D (-2142) (-)



#60

Dibromochloromethane

Concen: 20.702 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU029240.D

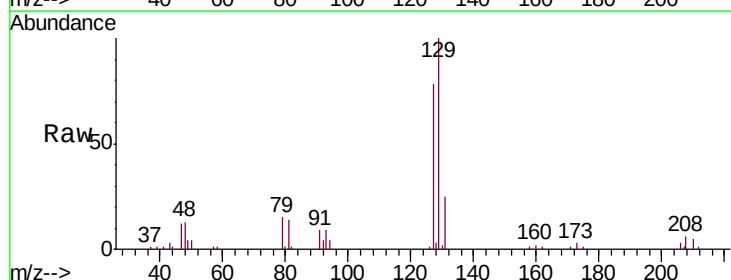
Acq: 21 Jan 2019 11:44

Tgt Ion: 129 Resp: 28320

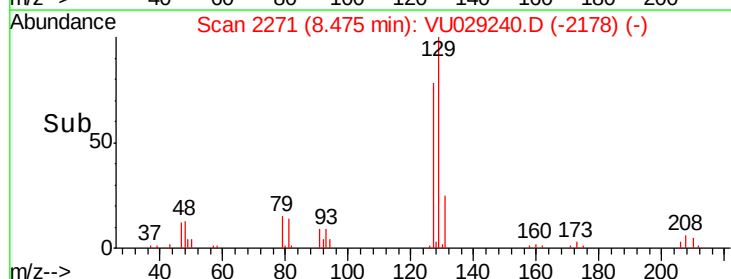
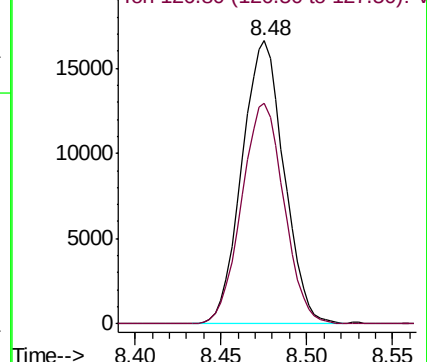
Ion Ratio Lower Upper

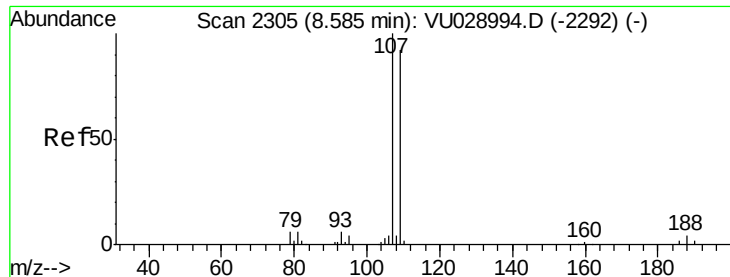
129 100

127 78.4 38.0 114.0



Abundance Ion 128.80 (128.50 to 129.50): VU029240.D (-2178) (-)

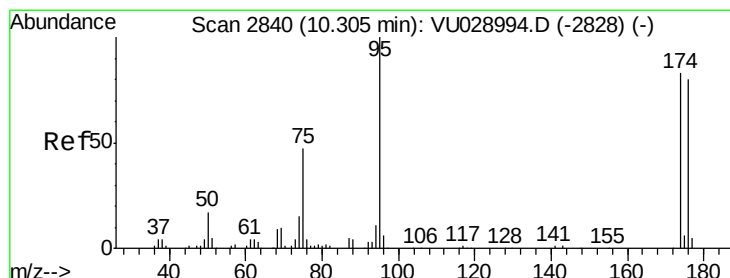
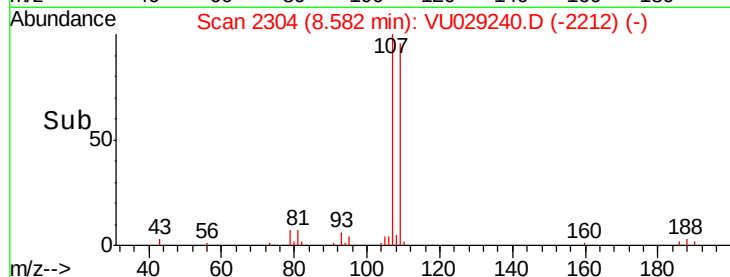
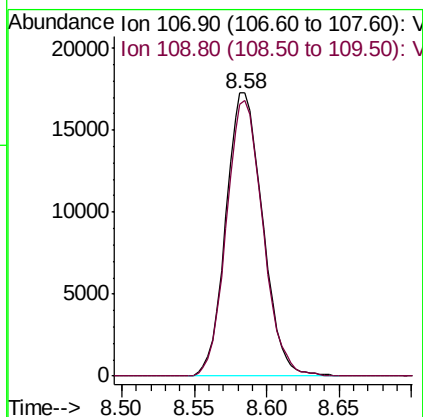
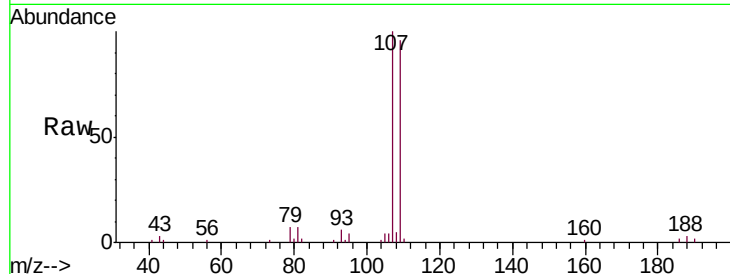




#61
 1,2-Dibromoethane
 Concen: 20.326 ug/l
 RT: 8.58 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

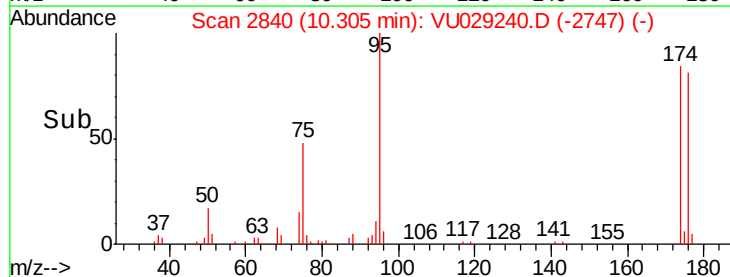
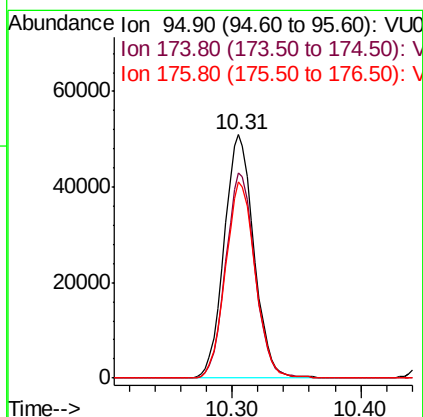
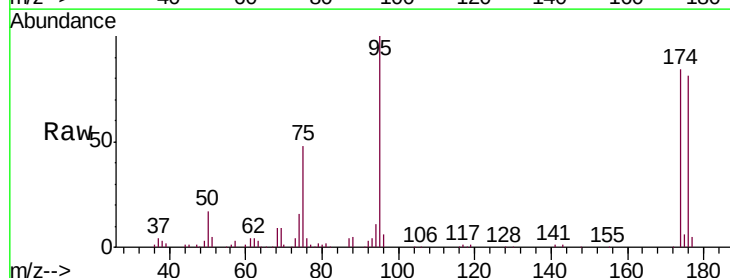
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

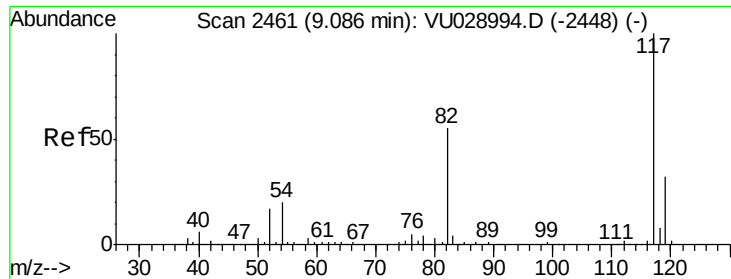
Tgt Ion: 107 Resp: 30440
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 48.643 ug/l
 RT: 10.31 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 95 Resp: 81239
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 170.6
 176 81.0 0.0 165.0

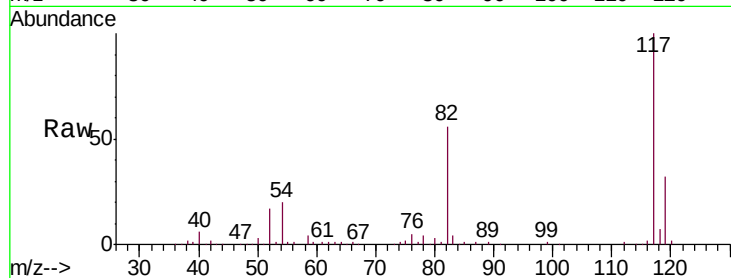




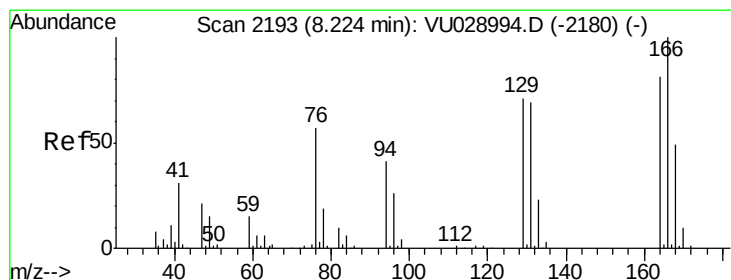
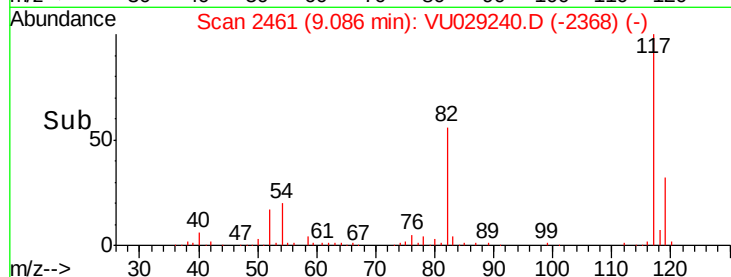
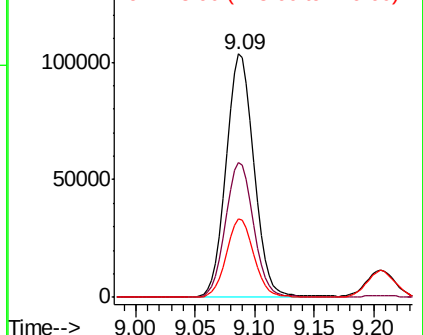
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

Tgt Ion:117 Resp: 169184
Ion Ratio Lower Upper
117 100
82 55.6 43.9 65.9
119 32.1 26.0 39.0

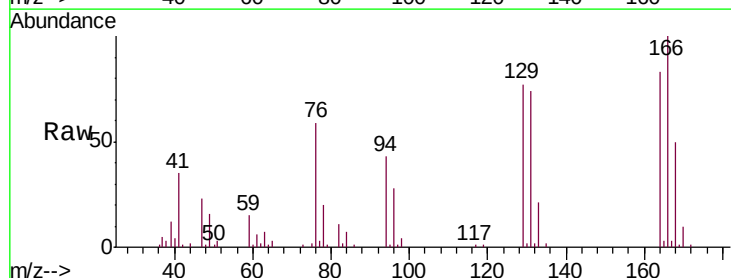


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

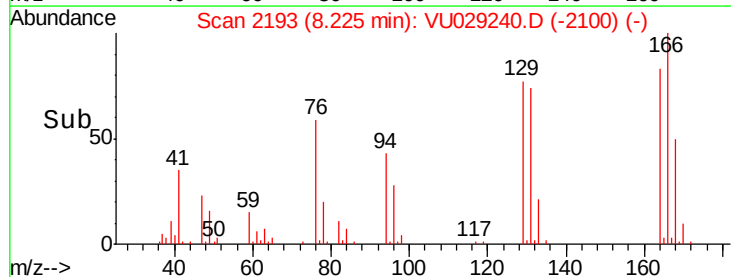
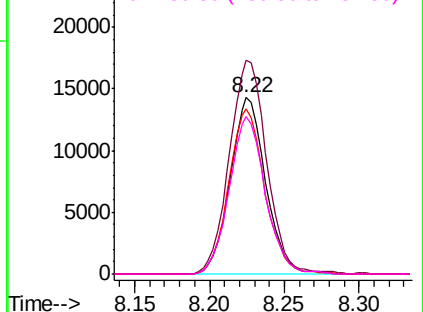


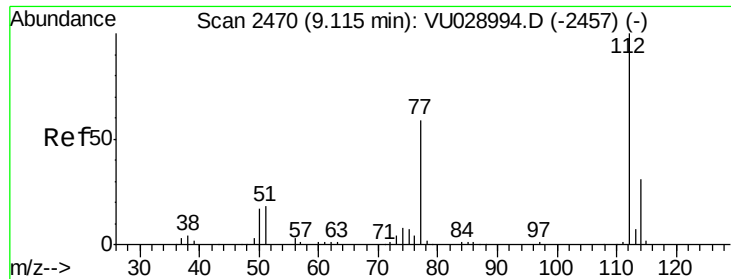
#64
Tetrachloroethene
Concen: 19.370 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion:164 Resp: 23607
Ion Ratio Lower Upper
164 100
166 121.0 99.4 149.0
129 93.3 70.5 105.7
131 89.0 69.0 103.6



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

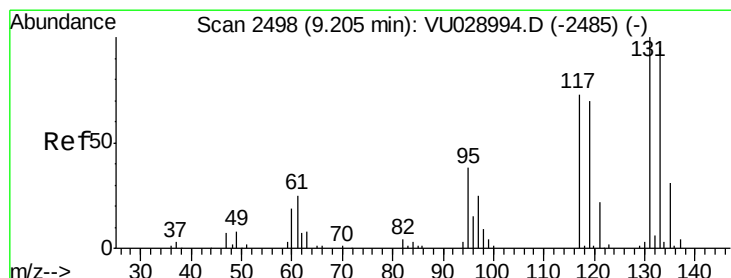
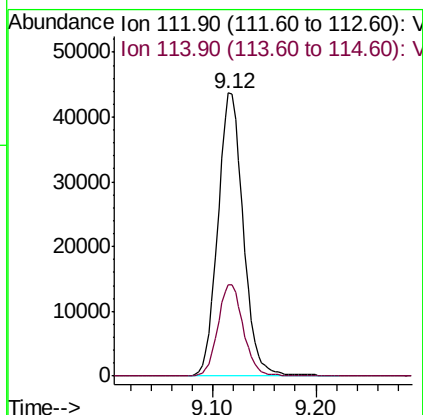
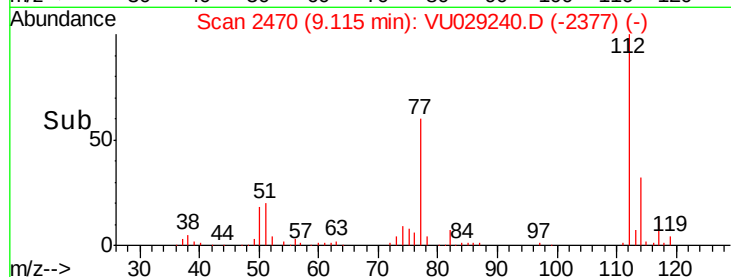
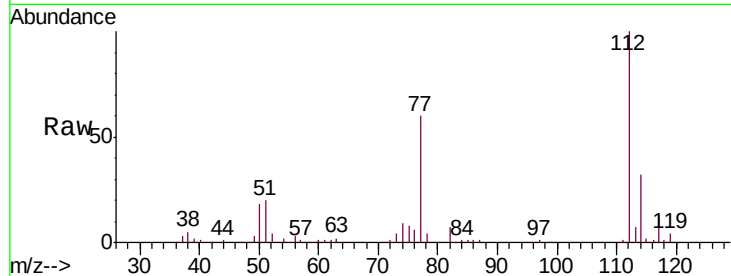




#65
Chlorobenzene
Concen: 19.795 ug/l
RT: 9.12 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

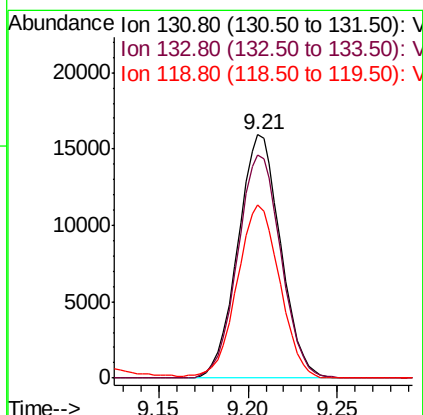
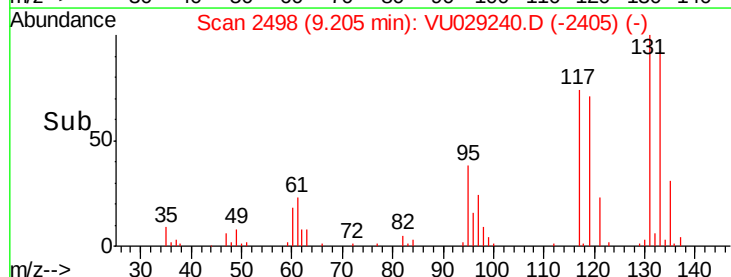
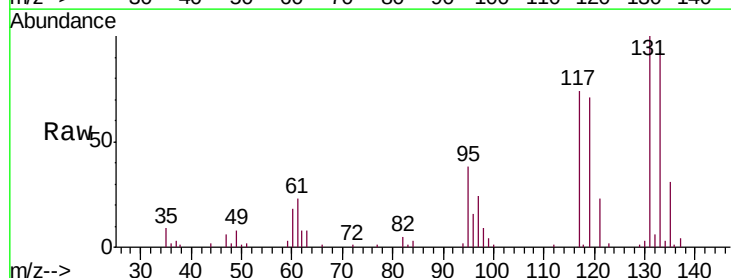
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

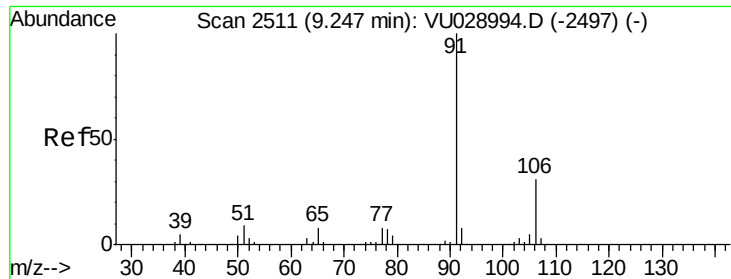
Tgt Ion:112 Resp: 75069
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.641 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion:131 Resp: 26634
Ion Ratio Lower Upper
131 100
133 93.0 48.2 144.6
119 71.3 35.4 106.3

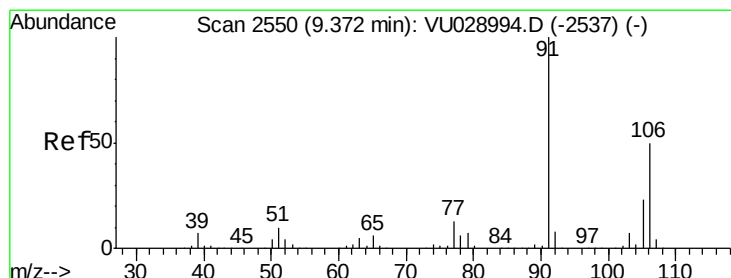
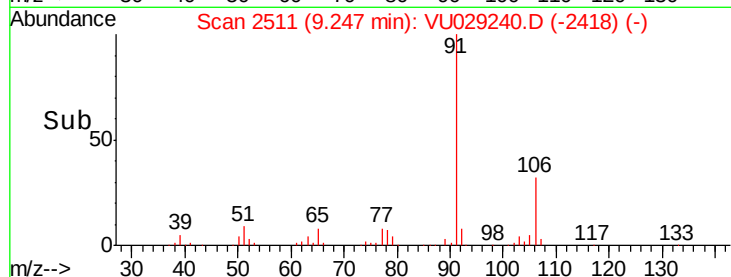
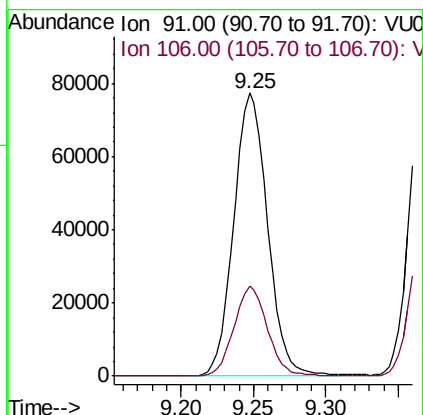
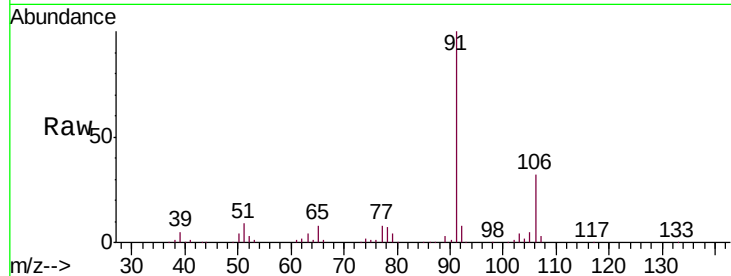




#67
Ethyl Benzene
Concen: 19.824 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

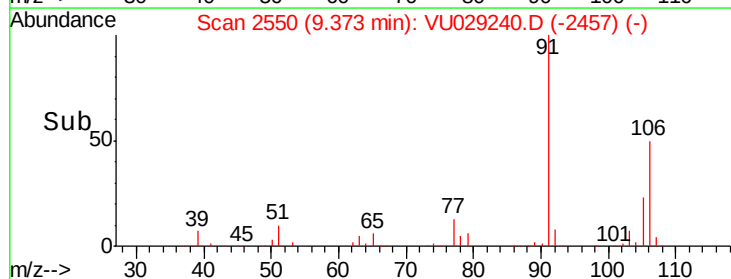
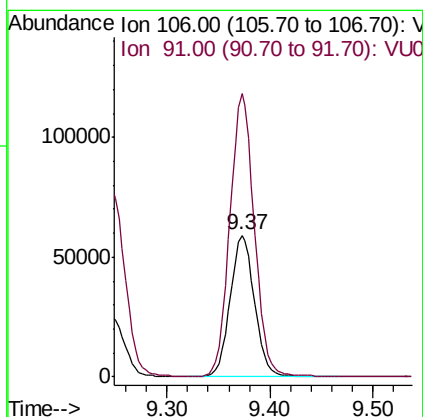
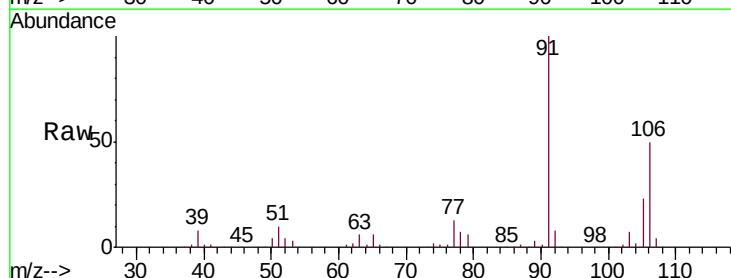
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

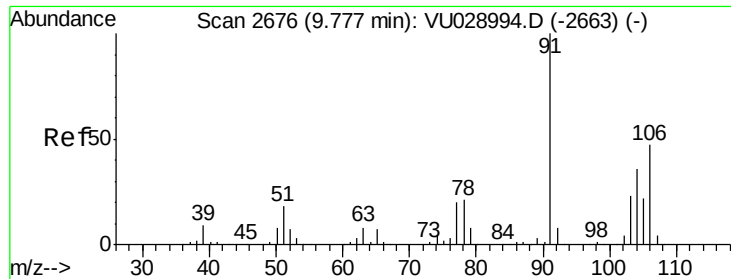
Tgt Ion: 91 Resp: 125515
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4



#68
m/p-Xylenes
Concen: 39.471 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 106 Resp: 97102
Ion Ratio Lower Upper
106 100
91 200.7 161.7 242.5

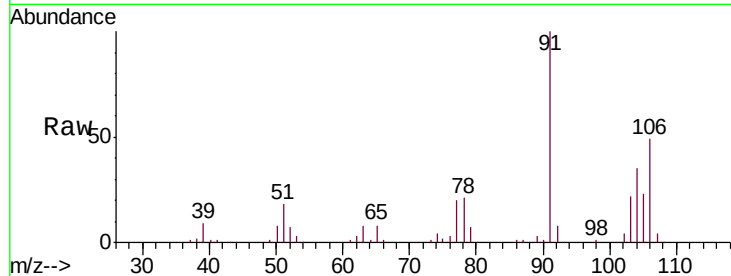




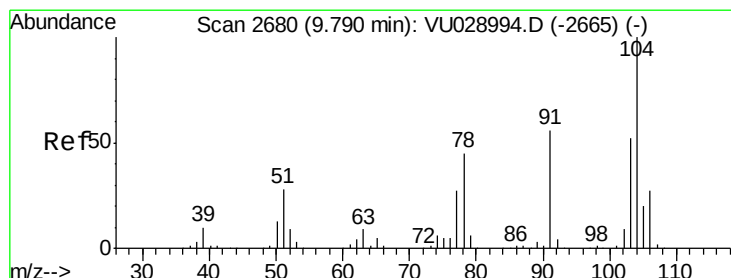
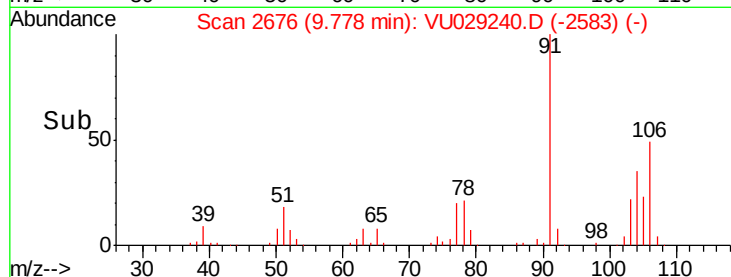
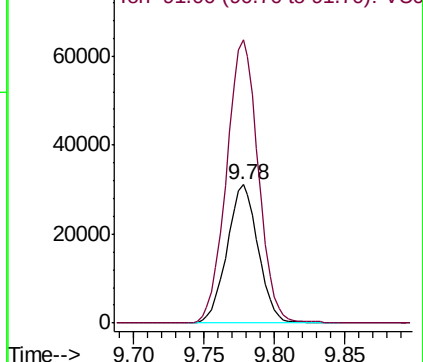
#69
o-Xylene
Concen: 20.286 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

Tgt Ion:106 Resp: 48086
Ion Ratio Lower Upper
106 100
91 208.5 106.1 318.3

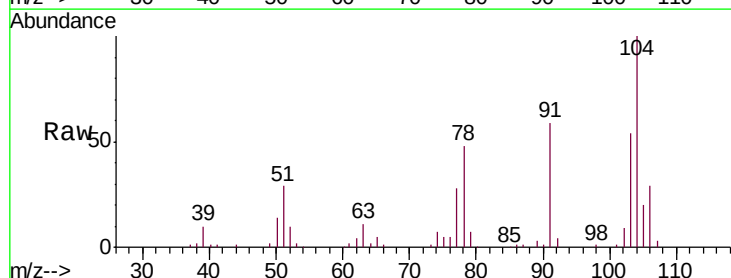


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

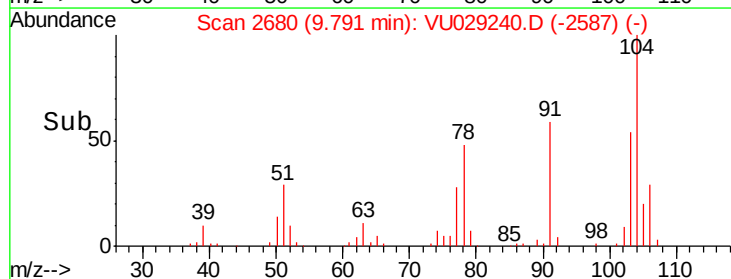
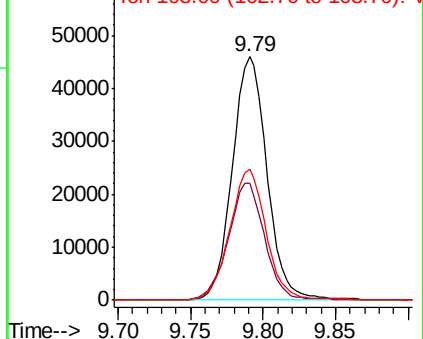


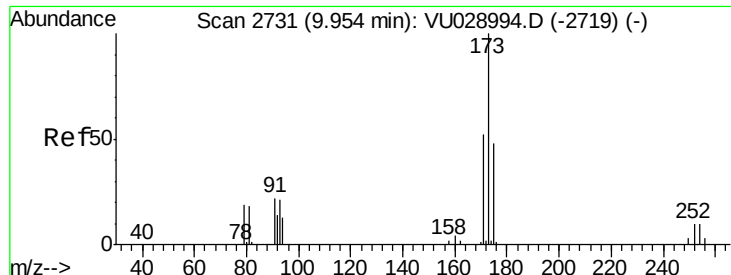
#70
Styrene
Concen: 19.628 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion:104 Resp: 76273
Ion Ratio Lower Upper
104 100
78 50.3 38.6 58.0
103 56.0 44.5 66.7



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





#71

Bromoform

Concen: 21.398 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBSD01

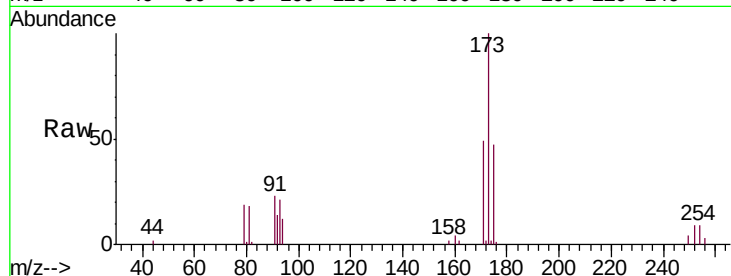
Tgt Ion:173 Resp: 23448

Ion Ratio Lower Upper

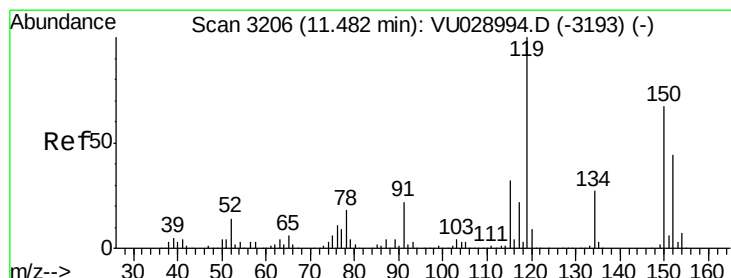
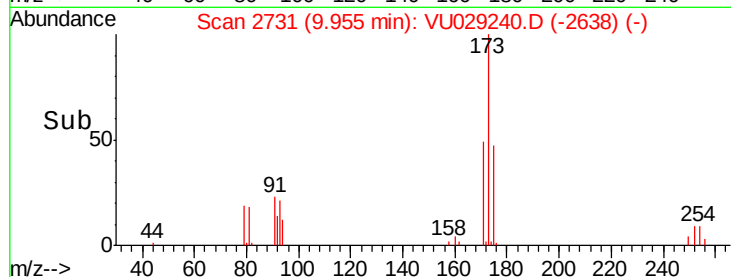
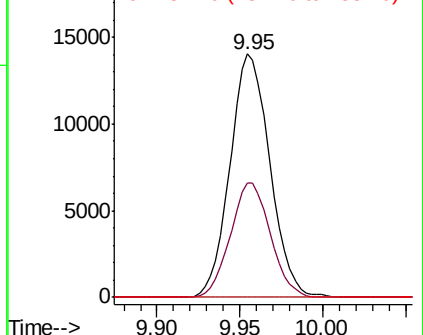
173 100

175 47.0 23.8 71.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

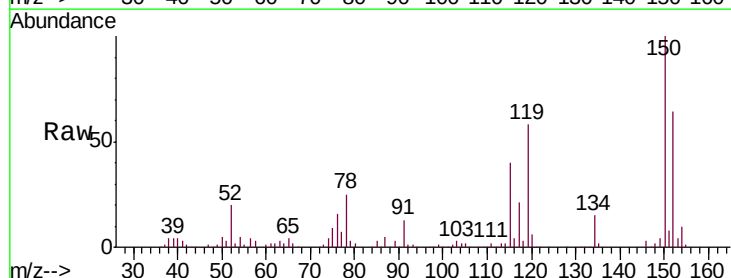
Tgt Ion:152 Resp: 82111

Ion Ratio Lower Upper

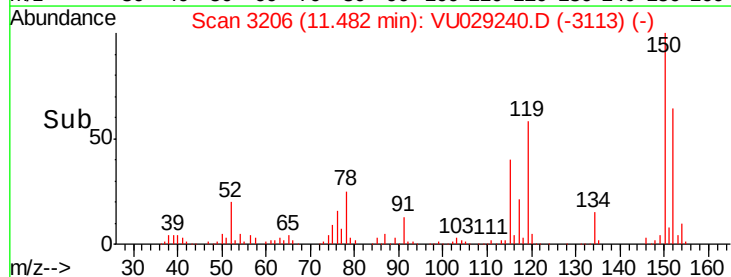
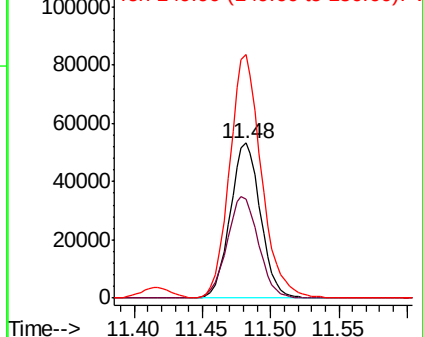
152 100

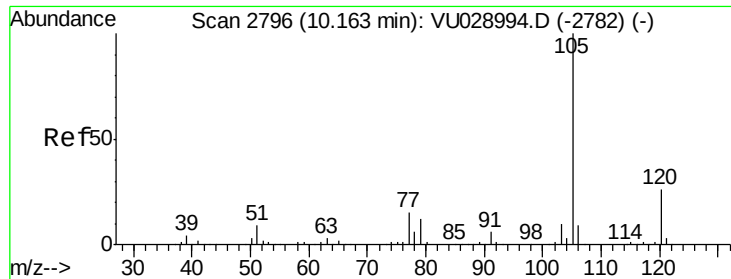
115 67.8 40.1 120.3

150 164.9 0.0 345.2



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





#73

Isopropylbenzene

Concen: 20.480 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

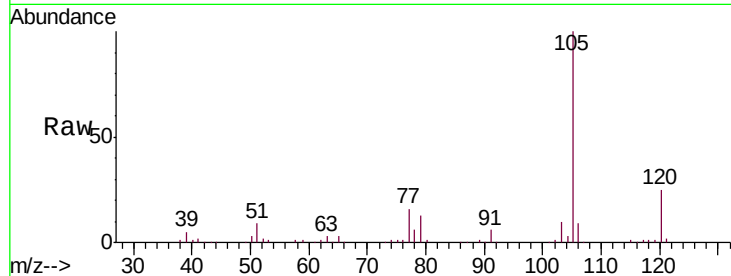
VU0121WBSD01

Tgt Ion: 105 Resp: 124471

Ion Ratio Lower Upper

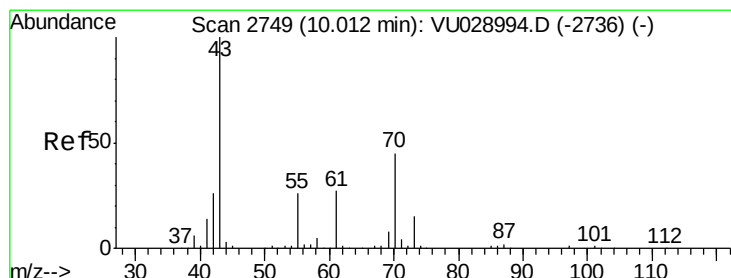
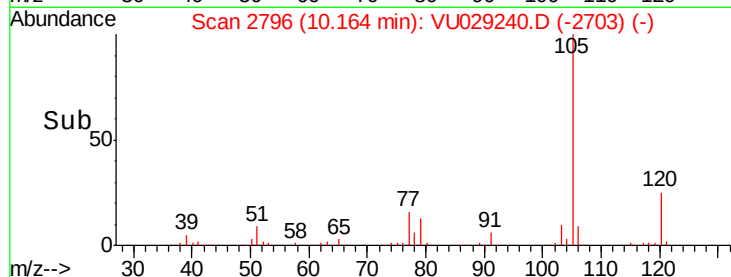
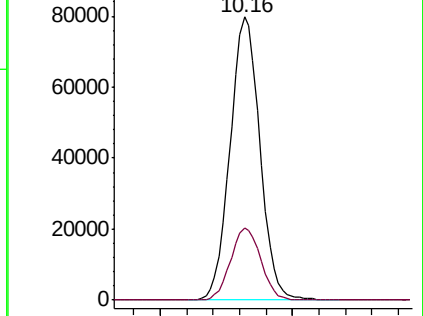
105 100

120 25.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.042 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Tgt Ion: 43 Resp: 55107

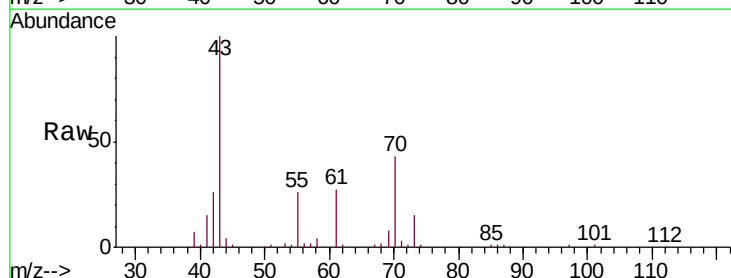
Ion Ratio Lower Upper

43 100

70 43.7 36.3 54.5

55 26.1 20.5 30.7

61 25.7 21.8 32.8

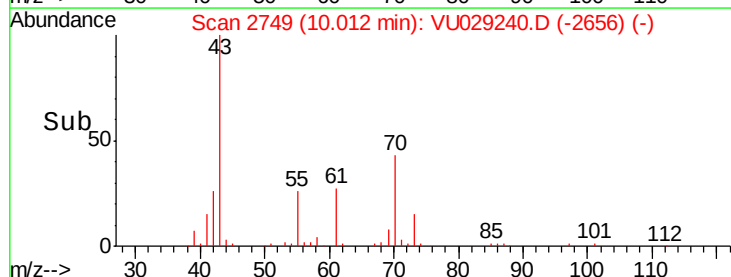
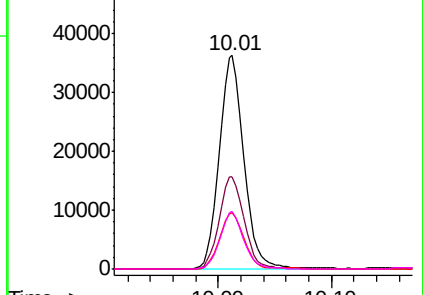


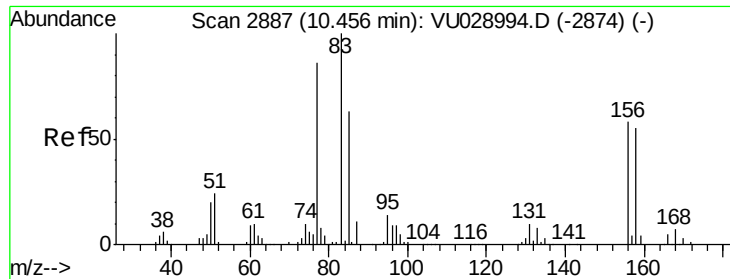
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.214 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBSD01

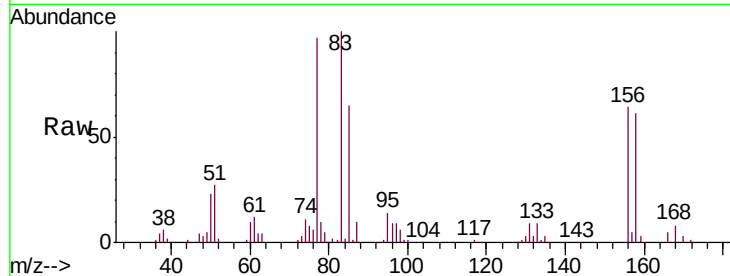
Tgt Ion: 83 Resp: 51674

Ion Ratio Lower Upper

83 100

131 8.4 4.7 14.1

85 64.9 32.0 96.2

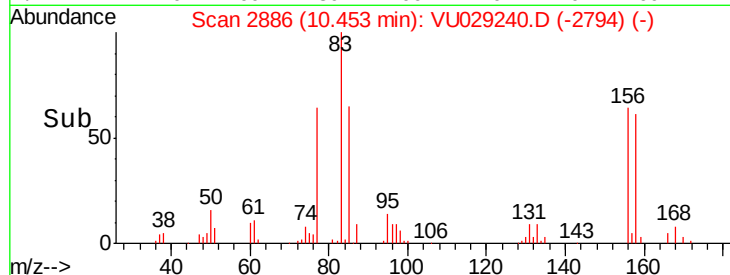


Abundance Ion 82.90 (82.60 to 83.60): VU028994.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU028994.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU028994.D (-2874) (-)

Time-->

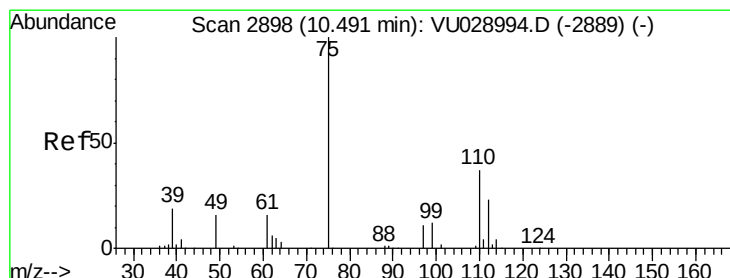


Abundance Ion 82.90 (82.60 to 83.60): VU029240.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU029240.D (-2794) (-)

Ion 84.90 (84.60 to 85.60): VU029240.D (-2794) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 30.687 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.00 min

Lab File: VU029240.D

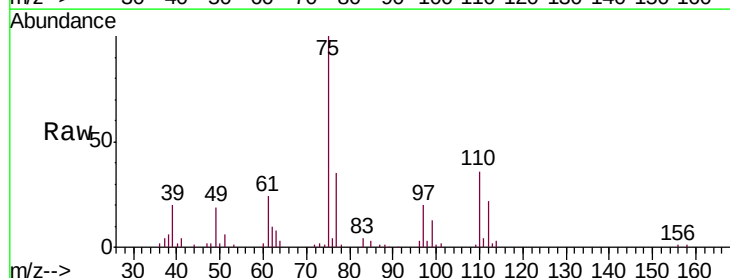
Acq: 21 Jan 2019 11:44

Tgt Ion: 75 Resp: 61738

Ion Ratio Lower Upper

75 100

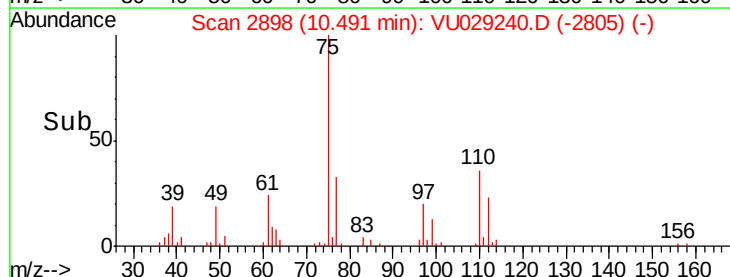
77 30.2 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU028994.D (-2889) (-)

Ion 77.00 (76.70 to 77.70): VU028994.D (-2889) (-)

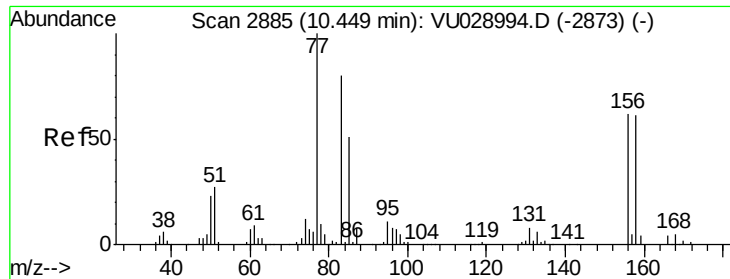
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU029240.D (-2805) (-)

Ion 77.00 (76.70 to 77.70): VU029240.D (-2805) (-)

Time-->



#77

Bromobenzene

Concen: 20.892 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBSD01

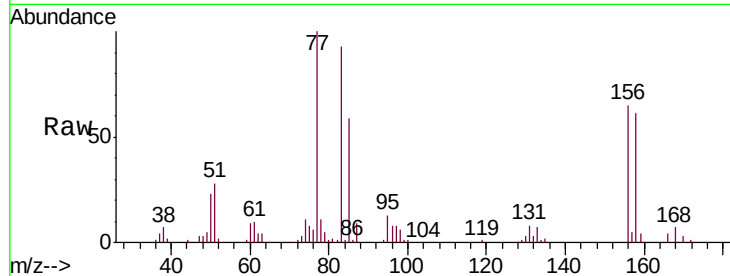
Tgt Ion:156 Resp: 33089

Ion Ratio Lower Upper

156 100

77 153.9 79.0 237.2

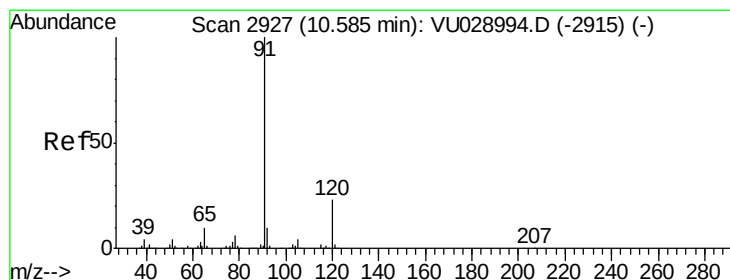
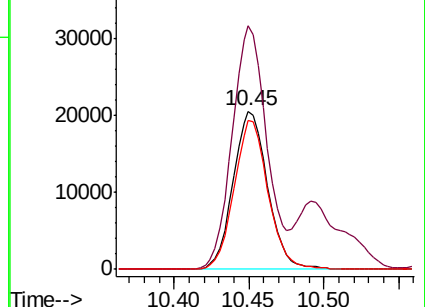
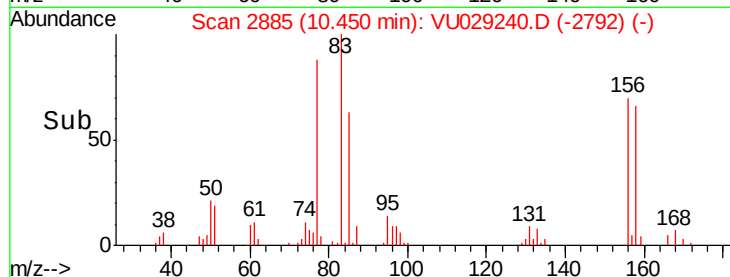
158 92.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.795 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029240.D

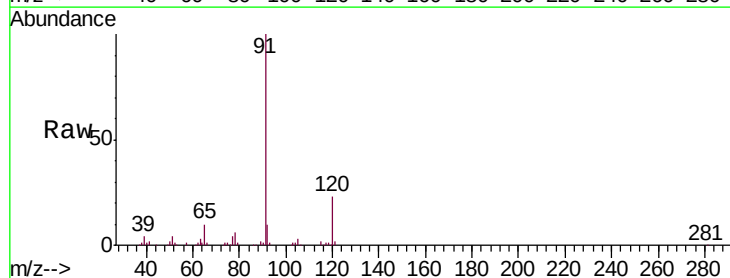
Acq: 21 Jan 2019 11:44

Tgt Ion: 91 Resp: 148940

Ion Ratio Lower Upper

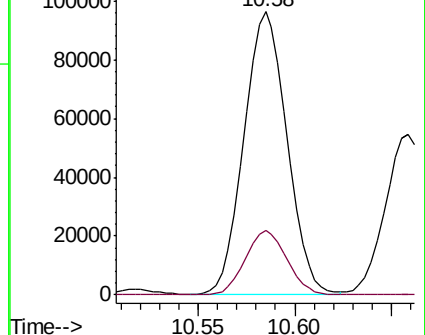
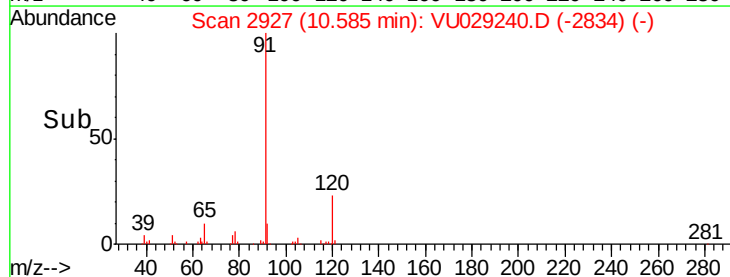
91 100

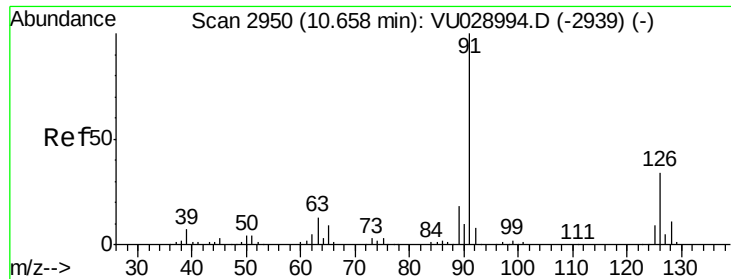
120 22.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

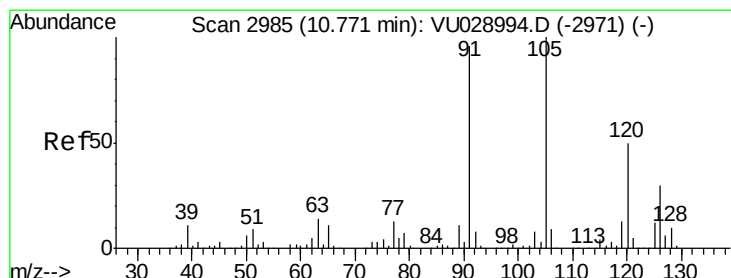
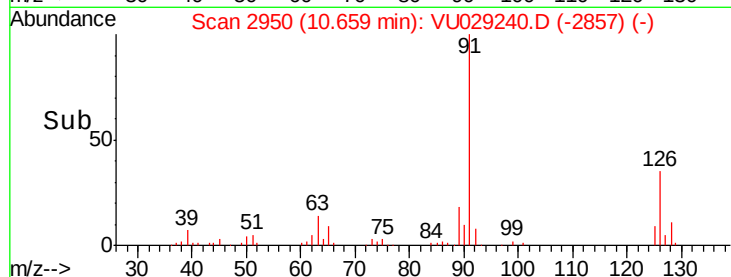
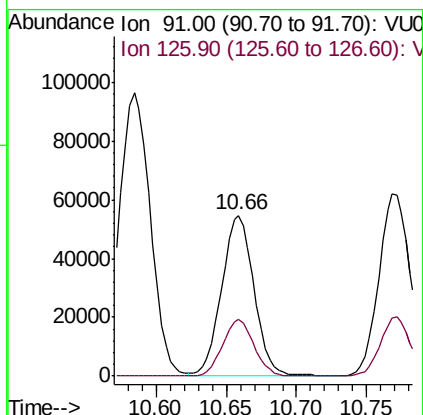
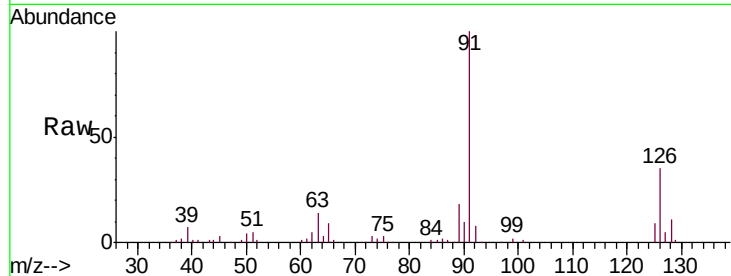




#79
 2-Chlorotoluene
 Concen: 20.134 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

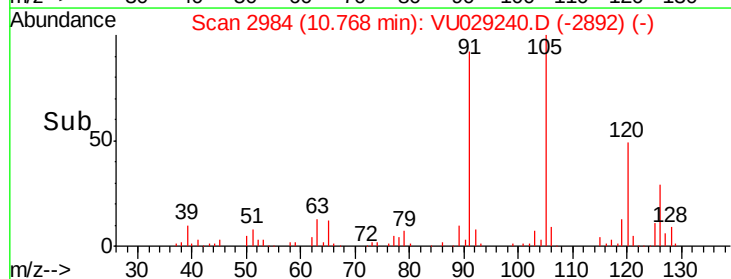
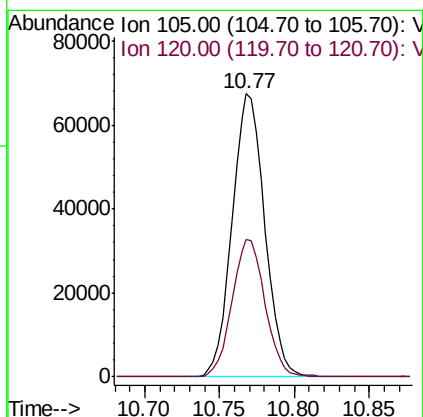
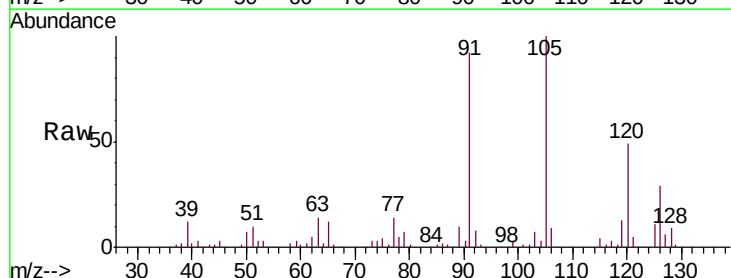
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

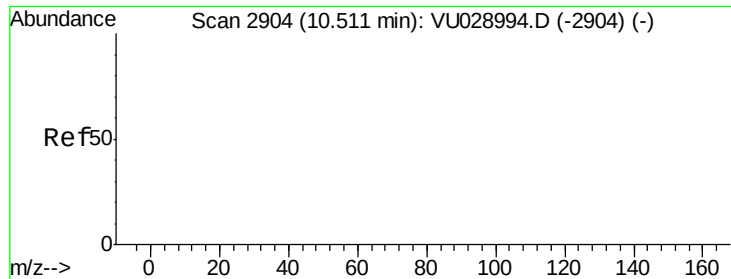
Tgt Ion: 91 Resp: 87479
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.181 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 105 Resp: 102423
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.8 74.4

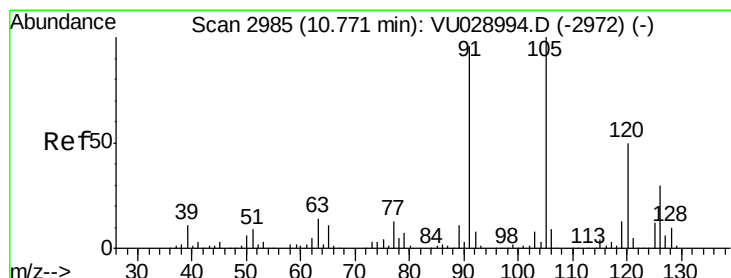
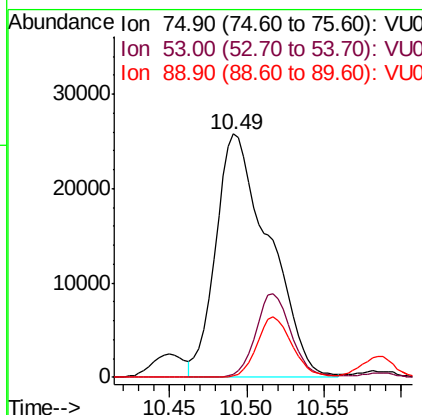
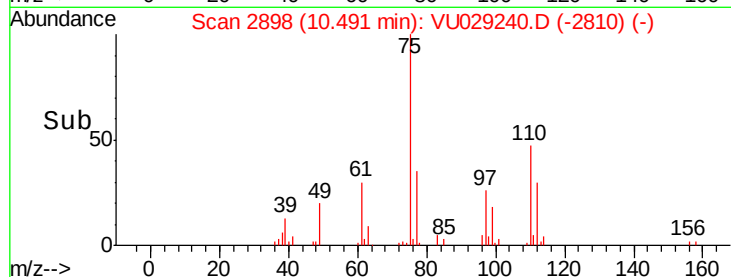
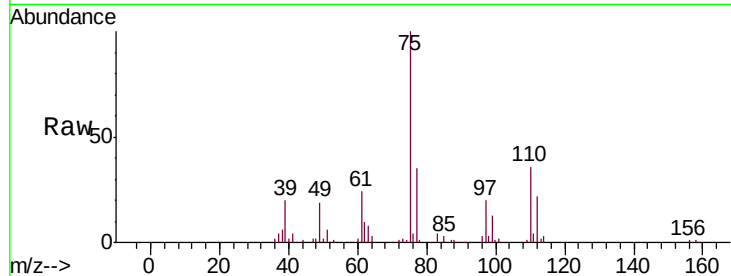




#81
trans-1,4-Dichloro-2-butene
Concen: 79.144 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

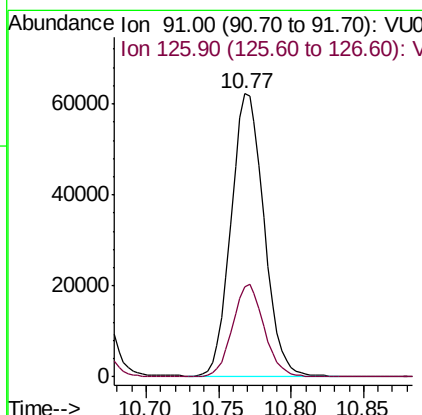
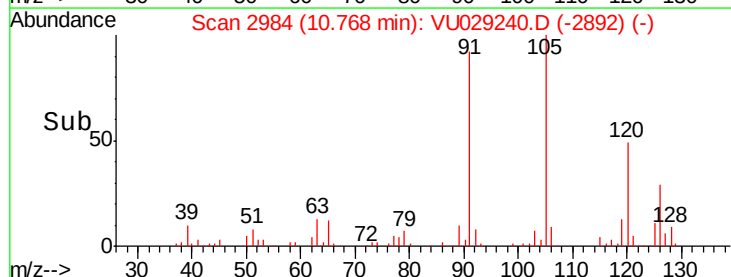
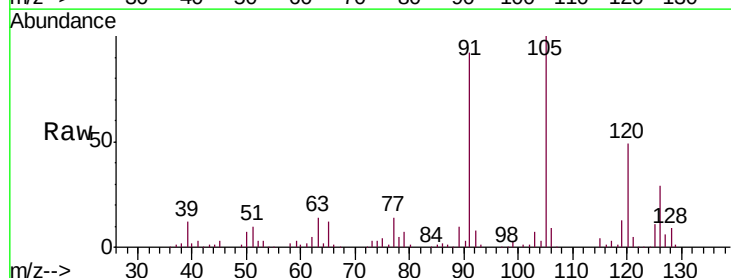
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

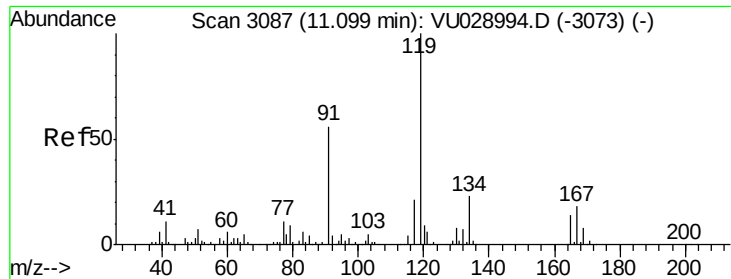
Tgt Ion: 75 Resp: 61738
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 19.602 ug/l
RT: 10.77 min Scan# 2984
Delta R.T. -0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 91 Resp: 97660
Ion Ratio Lower Upper
91 100
126 31.4 15.5 46.5

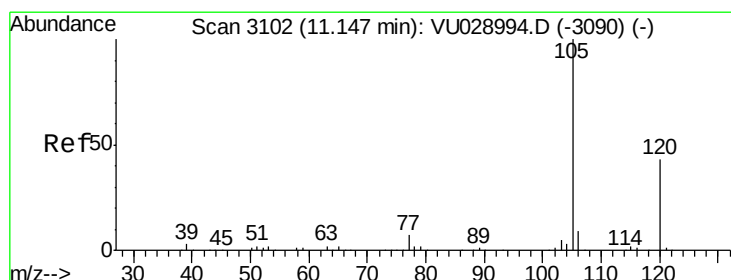
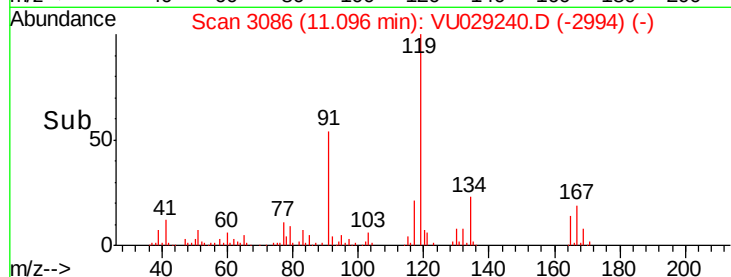
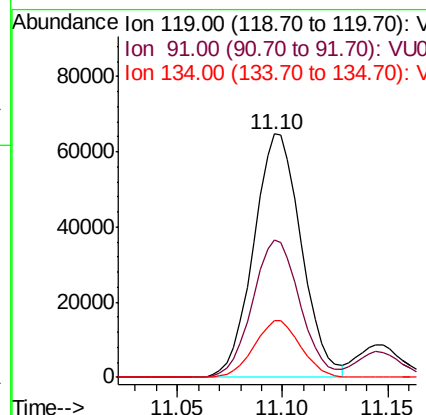
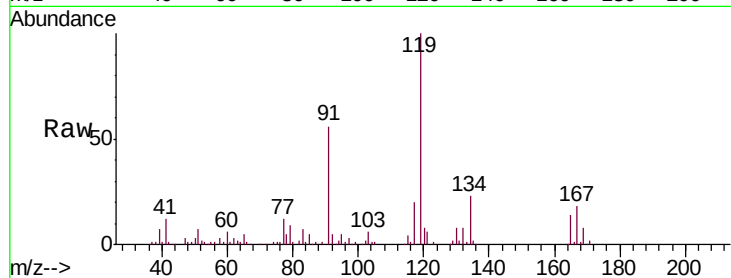




#83
 tert-Butylbenzene
 Concen: 20.365 ug/l
 RT: 11.10 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

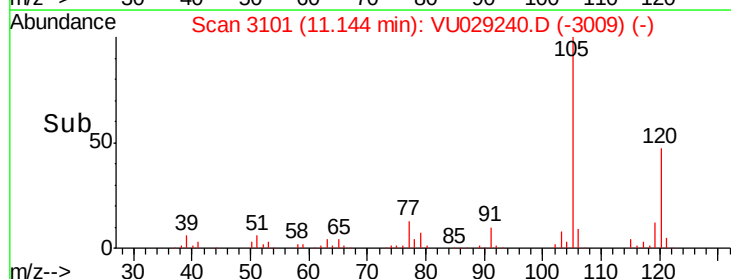
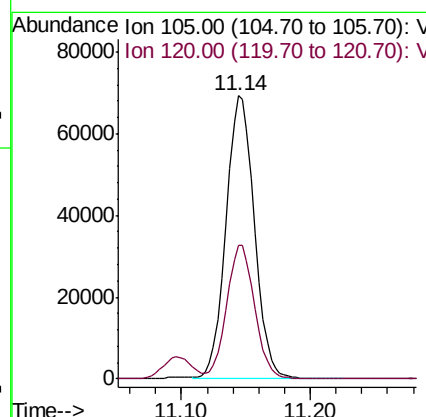
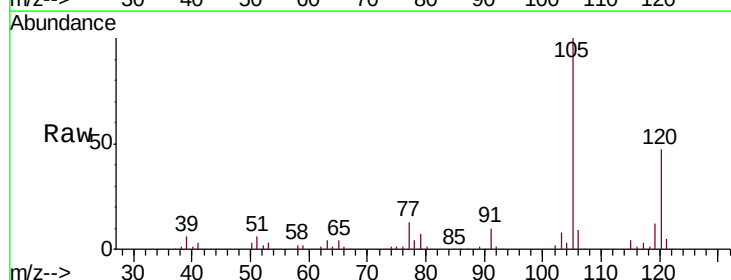
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

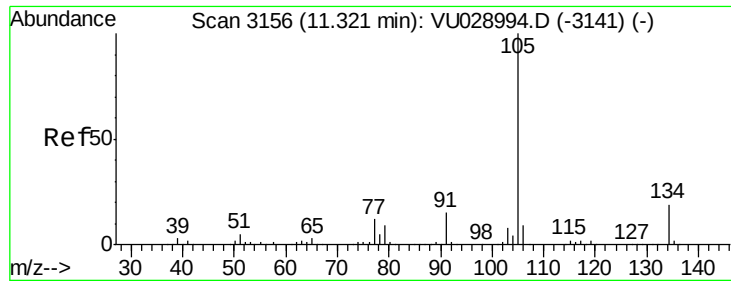
Tgt Ion:119 Resp: 101874
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.2 84.6
 134 22.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.857 ug/l
 RT: 11.14 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion:105 Resp: 105687
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.858 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

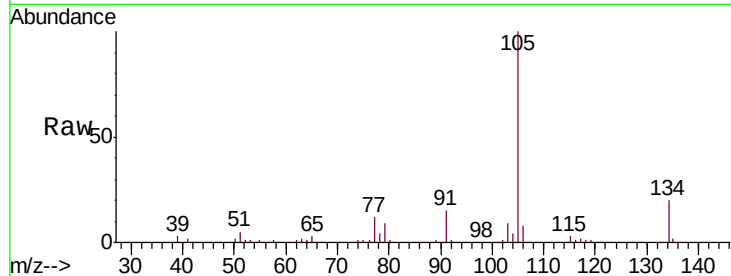
VU0121WBSD01

Tgt Ion:105 Resp: 126190

Ion Ratio Lower Upper

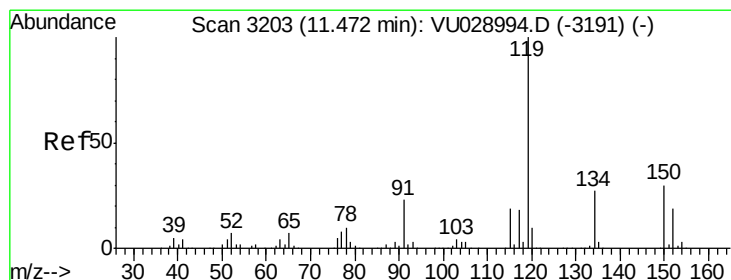
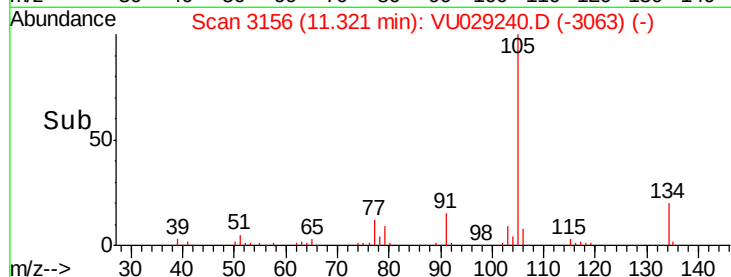
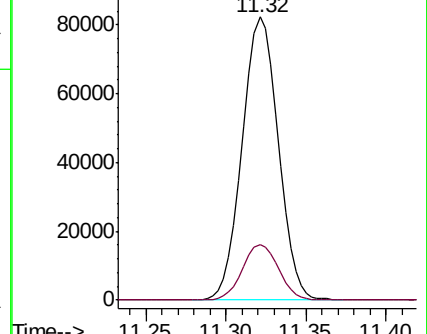
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.680 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VU029240.D

Acq: 21 Jan 2019 11:44

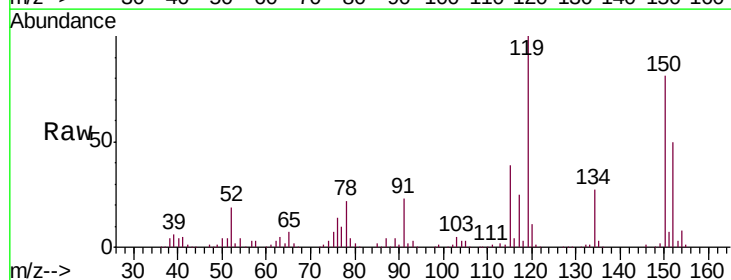
Tgt Ion:119 Resp: 106608

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

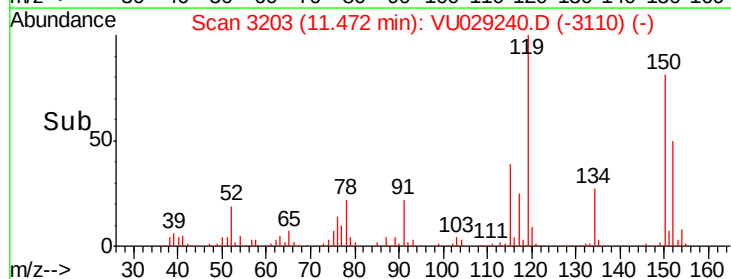
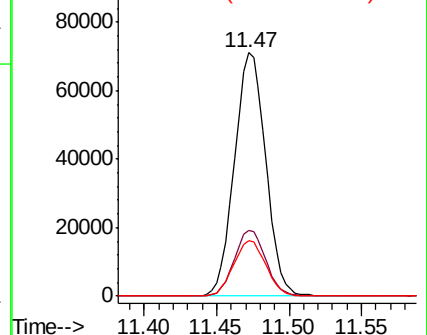
91 23.4 11.3 33.8

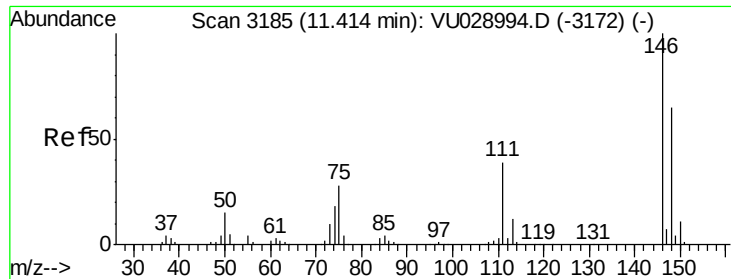


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

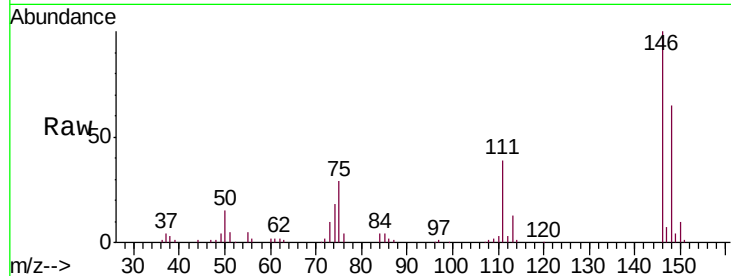




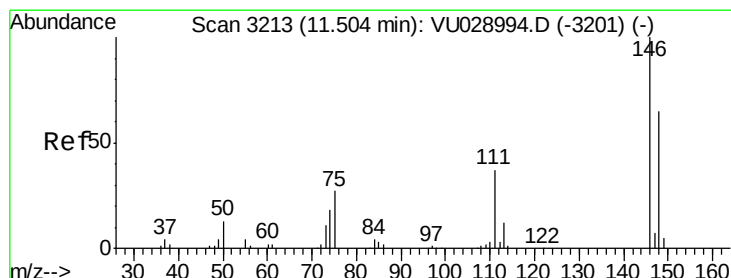
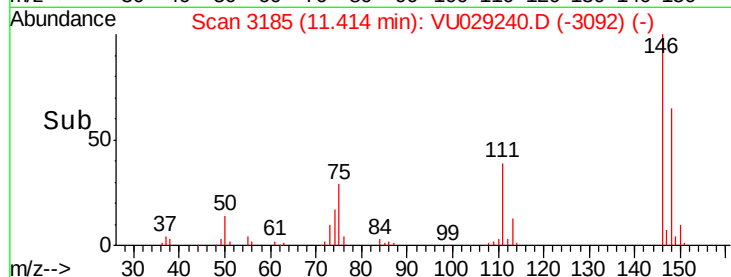
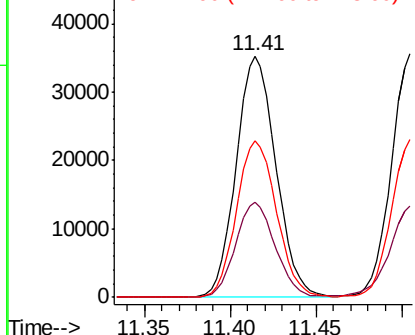
#87
 1,3-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

Tgt Ion:146 Resp: 56536
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.8
 148 65.4 32.5 97.5

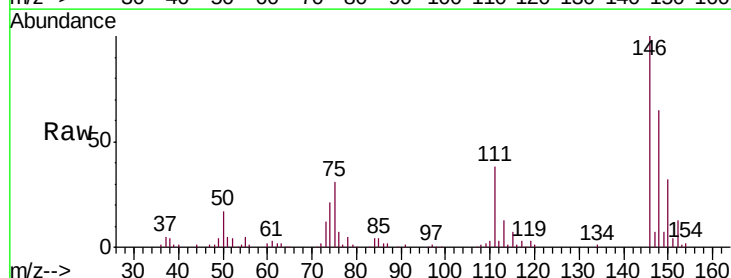


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

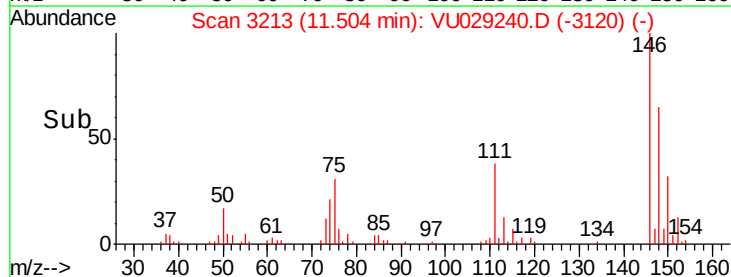
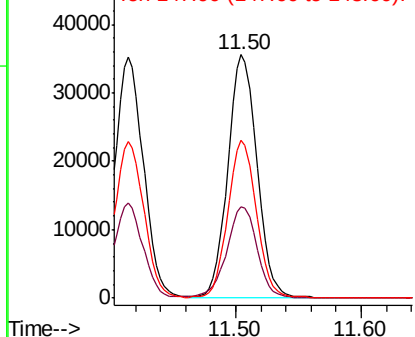


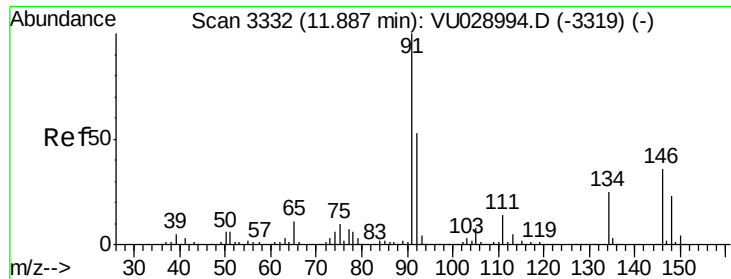
#88
 1,4-Dichlorobenzene
 Concen: 19.256 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion:146 Resp: 57742
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.3
 148 63.6 32.6 98.0



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

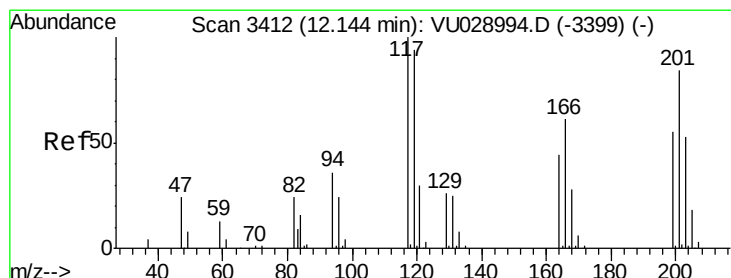
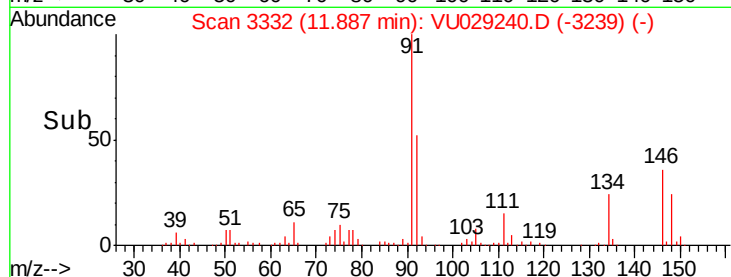
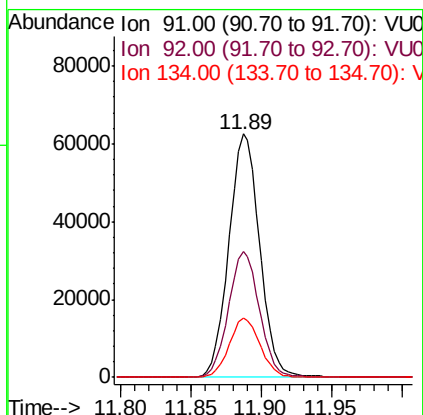
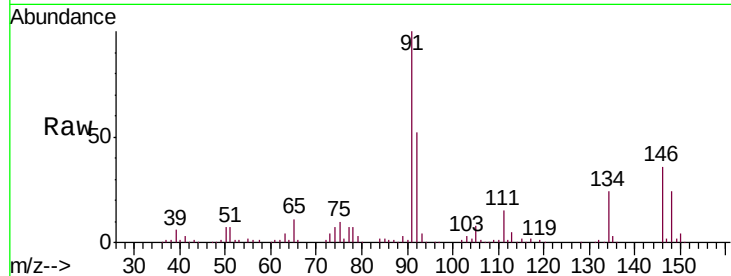




#89
n-Butylbenzene
Concen: 20.832 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

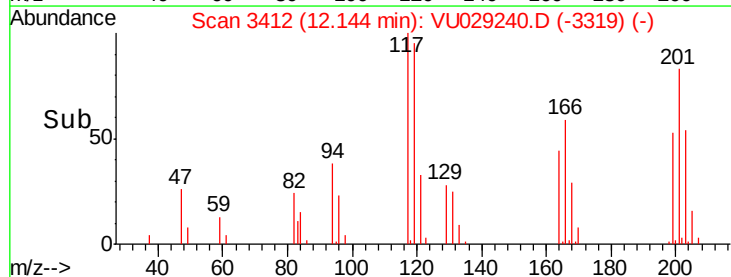
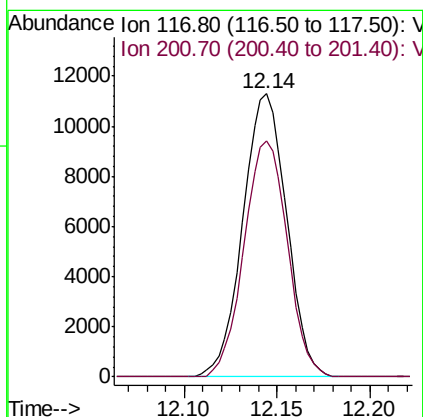
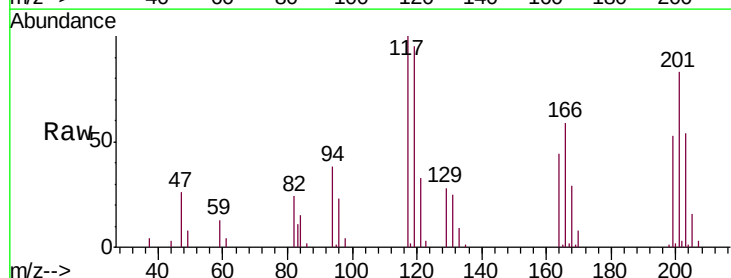
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

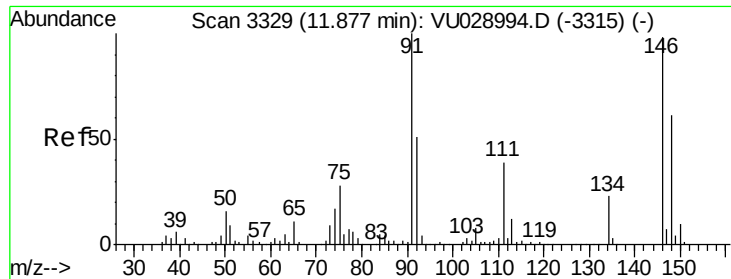
Tgt Ion: 91 Resp: 95850
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 24.3 12.6 37.6



#90
Hexachloroethane
Concen: 21.348 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion: 117 Resp: 18514
Ion Ratio Lower Upper
117 100
201 82.5 42.4 127.3

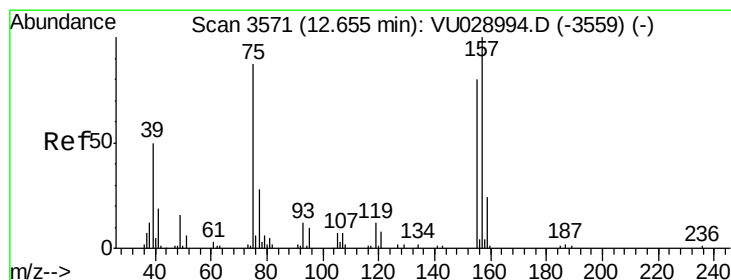
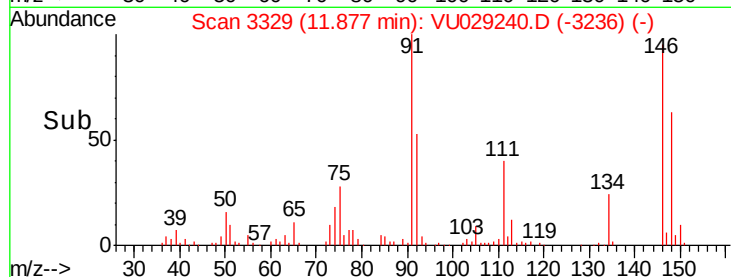
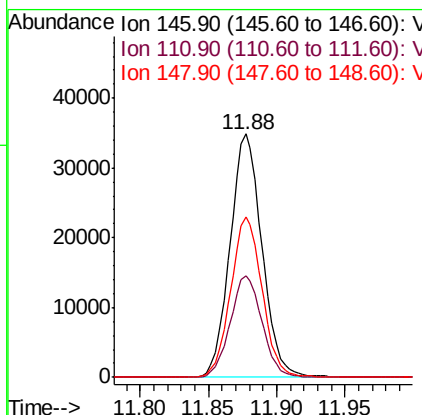
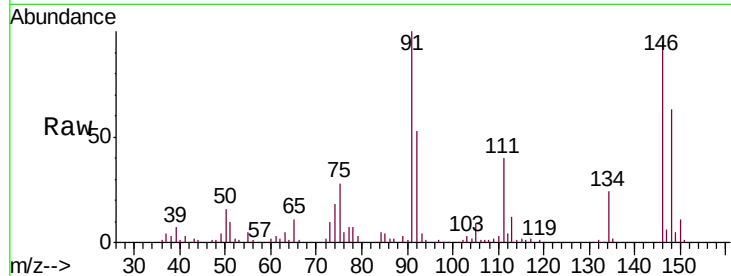




#91
 1,2-Dichlorobenzene
 Concen: 19.354 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

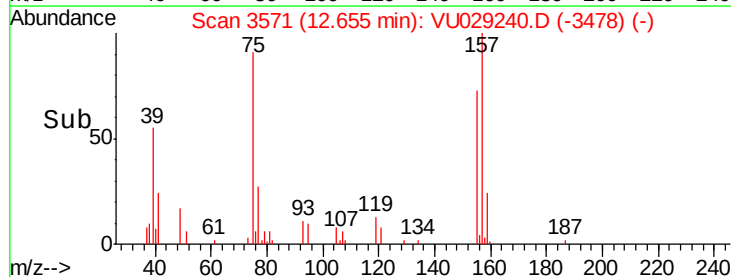
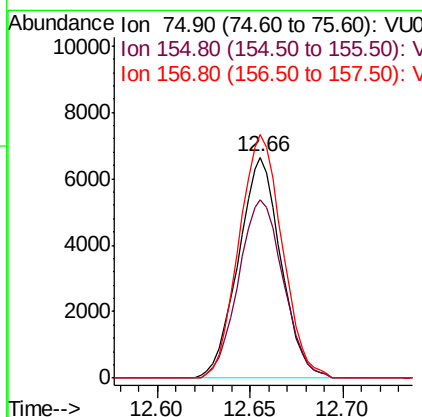
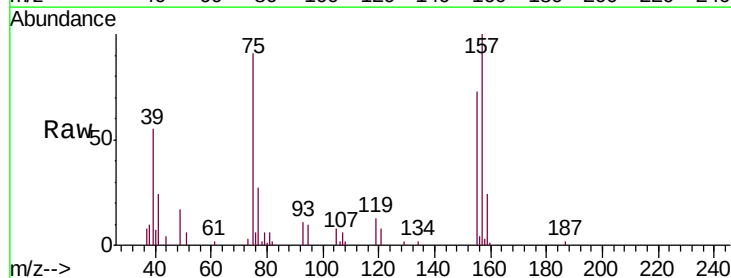
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

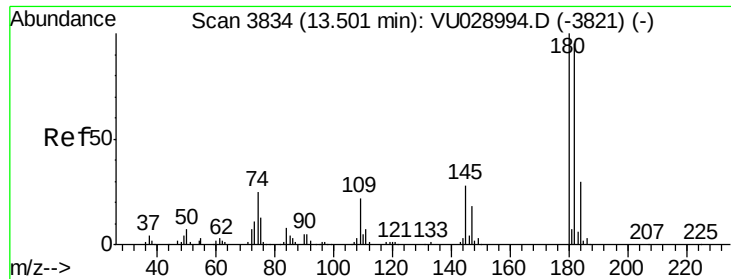
Tgt Ion: 146 Resp: 56631
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.0 59.9
 148 64.9 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.527 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion: 75 Resp: 10554
 Ion Ratio Lower Upper
 75 100
 155 85.1 46.3 138.8
 157 112.4 57.4 172.0

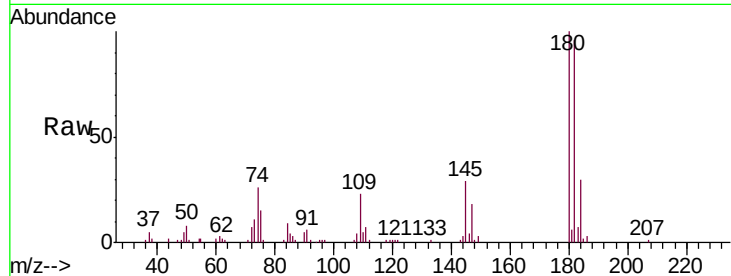




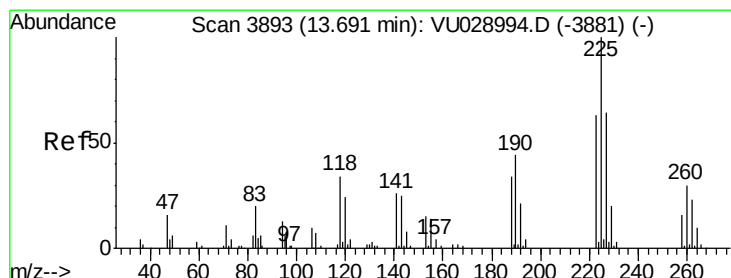
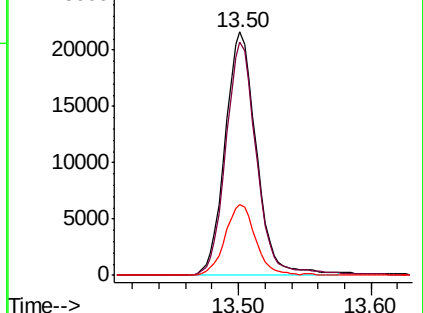
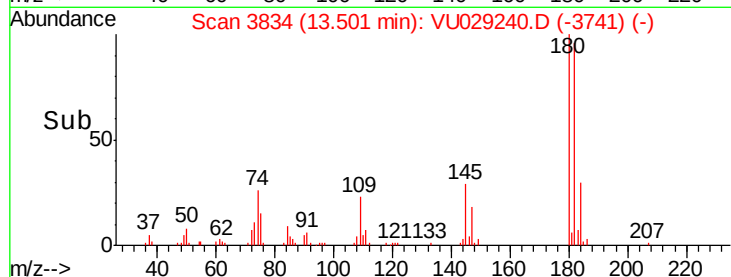
#93
 1,2,4-Trichlorobenzene
 Concen: 18.997 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBSD01

Tgt Ion:180 Resp: 35484
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.5 142.6
 145 28.1 14.0 42.0

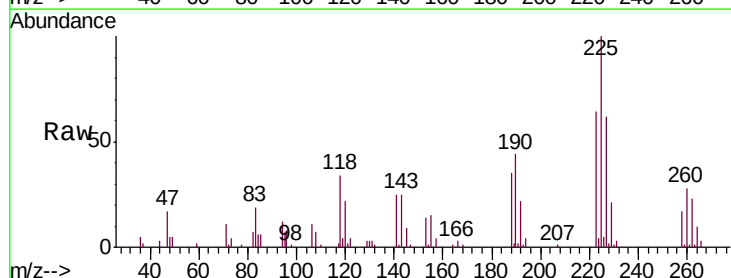


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

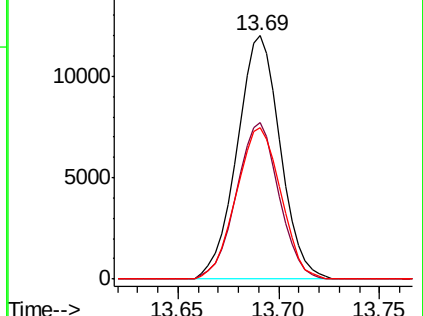
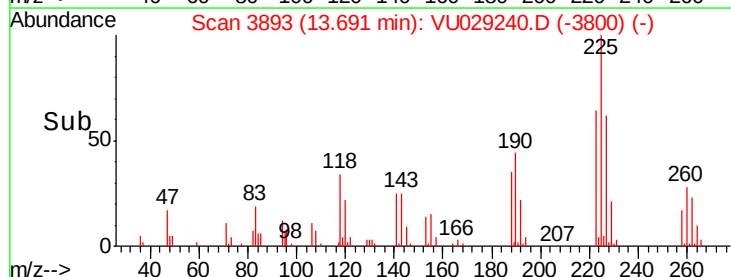


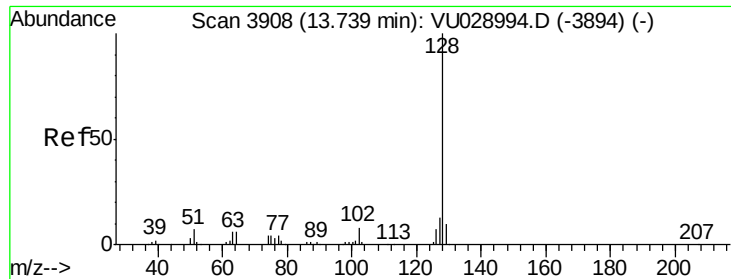
#94
 Hexachlorobutadiene
 Concen: 21.142 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU029240.D
 Acq: 21 Jan 2019 11:44

Tgt Ion:225 Resp: 18063
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.4 94.0
 227 64.1 31.9 95.5



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

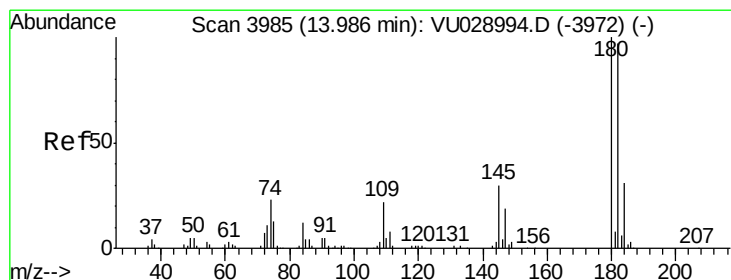
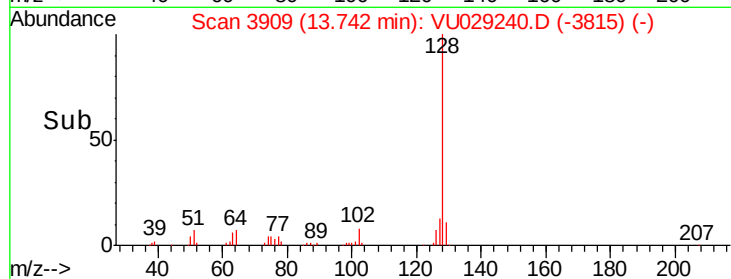
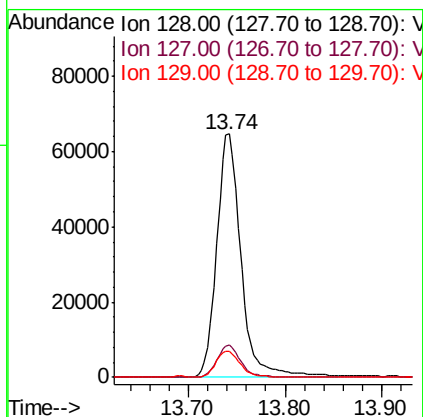
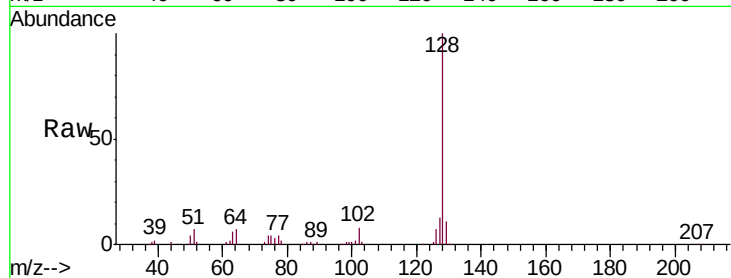




#95
Naphthalene
Concen: 17.819 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBSD01

Tgt Ion:128 Resp: 113223
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.409 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029240.D
Acq: 21 Jan 2019 11:44

Tgt Ion:180 Resp: 36395
Ion Ratio Lower Upper
180 100
182 97.7 48.1 144.3
145 29.7 14.8 44.4

