

Data File : VU029243.D
Acq On : 21 Jan 2019 12:56
Operator : JC/SP
Sample : VU0121WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Quant Time: Jan 22 01:08:05 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	115274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	184311	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	72235	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	4.88	113	61727	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	7.56	98	234403	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	10.30	95	83140	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	20165	17.639	ug/l	98
3) Chloromethane	1.33	50	29792	15.851	ug/l	98
4) Vinyl Chloride	1.40	62	28994	17.210	ug/l	98
5) Bromomethane	1.62	94	16287	16.787	ug/l	99
6) Chloroethane	1.69	64	17678	17.617	ug/l	100
7) Trichlorofluoromethane	1.88	101	32952	17.950	ug/l	100
8) Diethyl Ether	2.10	74	16512	18.723	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22624	18.419	ug/l	98
10) Methyl Iodide	2.41	142	23952	20.739	ug/l	99
11) Tert butyl alcohol	2.82	59	37095	102.411	ug/l	97
12) 1,1-Dichloroethene	2.28	96	21412	17.910	ug/l	97
13) Acrolein	2.19	56	18236	67.048	ug/l	100
14) Allyl chloride	2.59	41	39187	17.864	ug/l	93
15) Acrylonitrile	2.93	53	93689	105.429	ug/l	99
16) Acetone	2.32	43	100243	111.666	ug/l	99
17) Carbon Disulfide	2.48	76	63840	15.744	ug/l	99
18) Methyl Acetate	2.61	43	49848	23.881	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	80844	19.234	ug/l	99
20) Methylene Chloride	2.70	84	27462	18.018	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	24626	17.729	ug/l	98
22) Diisopropyl ether	3.57	45	88132	20.328	ug/l	94
23) Vinyl Acetate	3.52	43	349087	98.494	ug/l	99
24) 1,1-Dichloroethane	3.45	63	49198	19.658	ug/l	99
25) 2-Butanone	4.26	43	133463	110.075	ug/l	98
26) 2,2-Dichloropropane	4.22	77	39697	19.630	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	29294	19.283	ug/l	99
28) Bromochloromethane	4.55	49	22290	20.799	ug/l	94
29) Tetrahydrofuran	4.63	42	78484	106.725	ug/l	97
30) Chloroform	4.67	83	47199	19.800	ug/l	95
31) Cyclohexane	4.99	56	44570	18.150	ug/l	97
32) 1,1,1-Trichloroethane	4.91	97	38049	19.317	ug/l	98
36) 1,1-Dichloropropene	5.13	75	34528	18.742	ug/l	97
37) Ethyl Acetate	4.38	43	42203	20.870	ug/l	99
38) Carbon Tetrachloride	5.13	117	30658	19.953	ug/l	96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	40363	17.822	ug/l	98
40) Benzene	5.39	78	111105	19.334	ug/l	99
41) Methacrylonitrile	4.54	41	23844	22.028	ug/l	98
42) 1,2-Dichloroethane	5.40	62	35759	20.708	ug/l	100
43) Isopropyl Acetate	5.55	43	67080	21.625	ug/l	98
44) Trichloroethene	6.19	130	26426	18.560	ug/l	98
45) 1,2-Dichloropropane	6.43	63	30821	20.310	ug/l	99
46) Dibromomethane	6.56	93	19444	20.043	ug/l	98
47) Bromodichloromethane	6.76	83	36257	20.299	ug/l	99
48) Methyl methacrylate	6.62	41	32376	21.434	ug/l	98
49) 1,4-Dioxane	6.61	88	16244	453.800	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	230279	109.079	ug/l	98
52) Toluene	7.63	92	66947	19.137	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	42234	19.684	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	45693	19.708	ug/l	100
55) 1,1,2-Trichloroethane	8.06	97	28230	20.143	ug/l	97
56) Ethyl methacrylate	8.02	69	42495	19.681	ug/l	96
57) 1,3-Dichloropropane	8.24	76	47978	20.007	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	94088	99.087	ug/l	99
59) 2-Hexanone	8.36	43	179369	108.240	ug/l	100
60) Dibromochloromethane	8.48	129	27954	20.133	ug/l	99
61) 1,2-Dibromoethane	8.58	107	29625	19.490	ug/l	100
64) Tetrachloroethene	8.22	164	22966	18.697	ug/l	95
65) Chlorobenzene	9.12	112	72822	19.052	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	26097	21.039	ug/l	97
67) Ethyl Benzene	9.25	91	124316	19.481	ug/l	99
68) m/p-Xylenes	9.37	106	92666	37.372	ug/l	97
69) o-Xylene	9.78	106	46436	19.436	ug/l	99
70) Styrene	9.79	104	75048	19.162	ug/l	99
71) Bromoform	9.96	173	22852	20.690	ug/l #	99
73) Isopropylbenzene	10.16	105	122502	20.312	ug/l	99
74) N-amyl acetate	10.01	43	54771	21.075	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	51209	21.185	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	58881	29.493	ug/l	82
77) Bromobenzene	10.45	156	31365	19.956	ug/l	98
78) n-propylbenzene	10.58	91	146837	20.659	ug/l	98
79) 2-Chlorotoluene	10.66	91	85947	19.934	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	102233	20.299	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	58881	76.064	ug/l #	100
82) 4-Chlorotoluene	10.77	91	97330	19.687	ug/l	100
83) tert-Butylbenzene	11.10	119	91329	18.398	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	97593	19.408	ug/l	96
85) sec-Butylbenzene	11.32	105	120295	20.037	ug/l	99
86) p-Isopropyltoluene	11.47	119	102348	20.007	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	52394	18.174	ug/l	98
88) 1,4-Dichlorobenzene	11.50	146	53955	18.132	ug/l	98
89) n-Butylbenzene	11.89	91	89363	19.572	ug/l	99
90) Hexachloroethane	12.14	117	17763	20.640	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	51238	17.646	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10412	22.396	ug/l	92

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	30441	16.423	ug/l	100
94) Hexachlorobutadiene	13.69	225	15988	18.858	ug/l	99
95) Naphthalene	13.74	128	95881	15.206	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	31376	16.963	ug/l	98

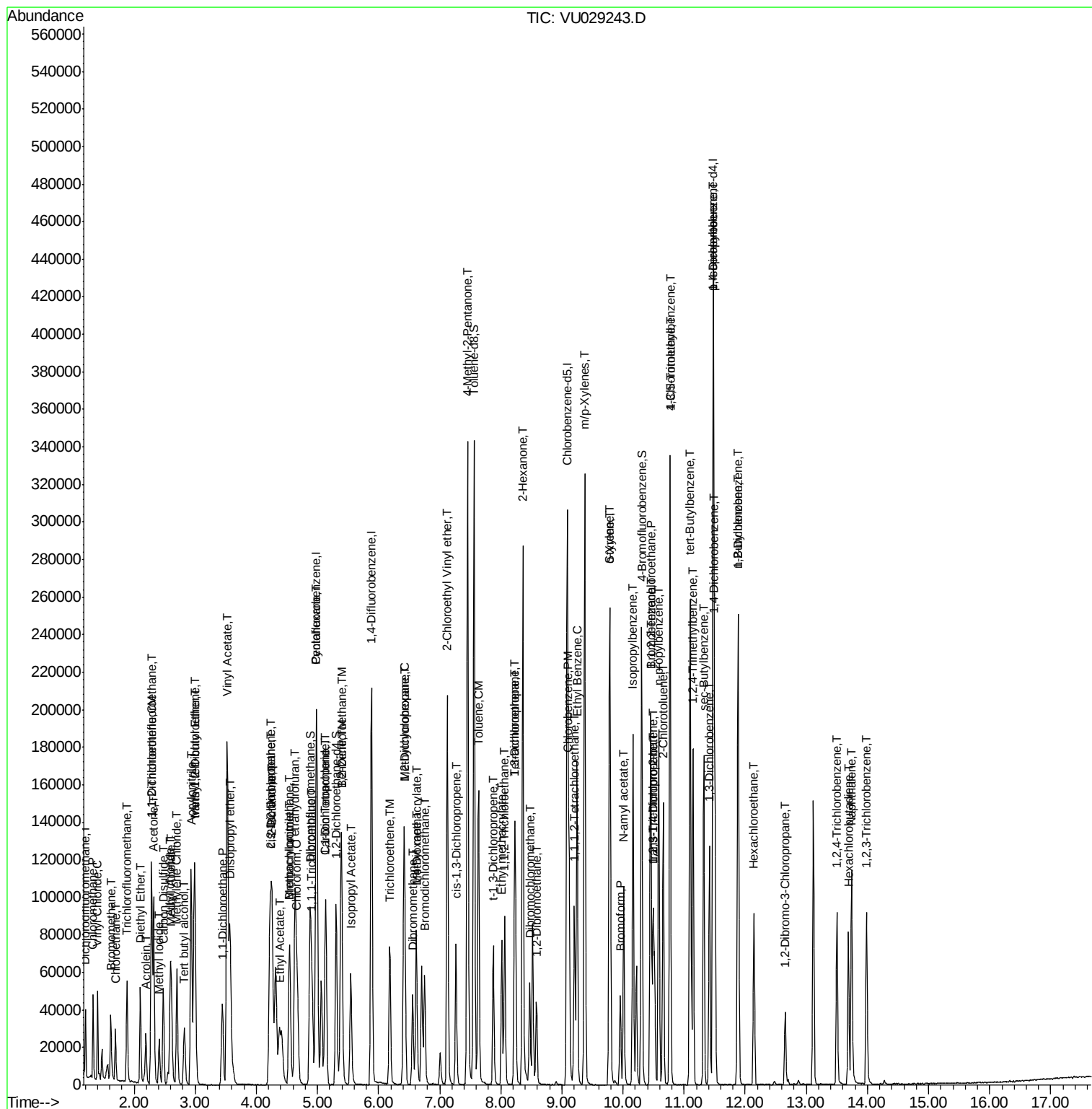
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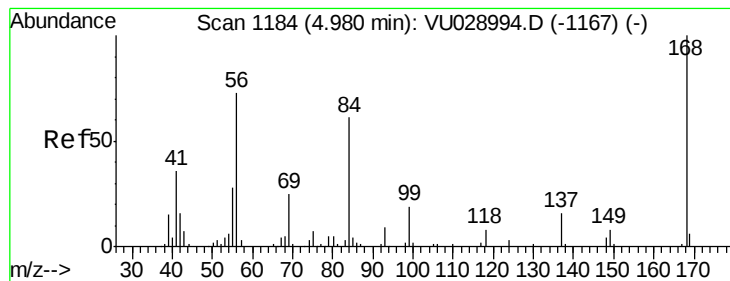
Data File : VU029243.D

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Acq On       : 21 Jan 2019   12:56
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Sample       : VU0121WBS01
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Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

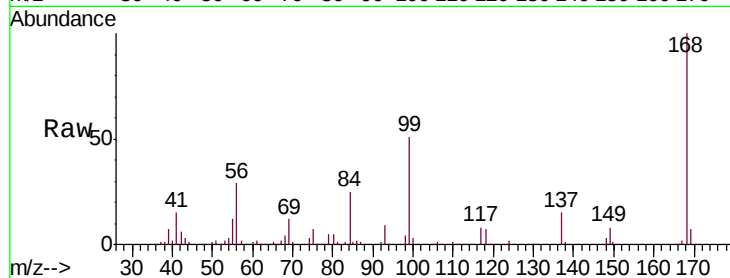
VU0121WBS01

Tgt Ion:168 Resp: 115274

Ion Ratio Lower Upper

168 100

99 51.0 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

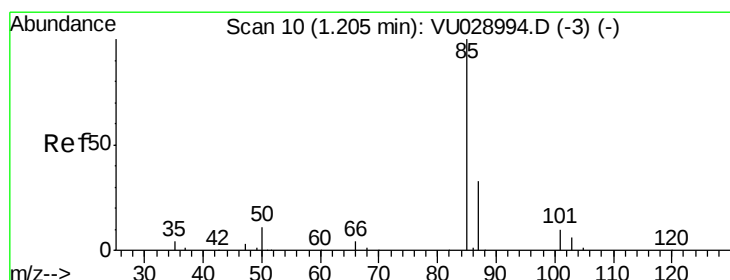
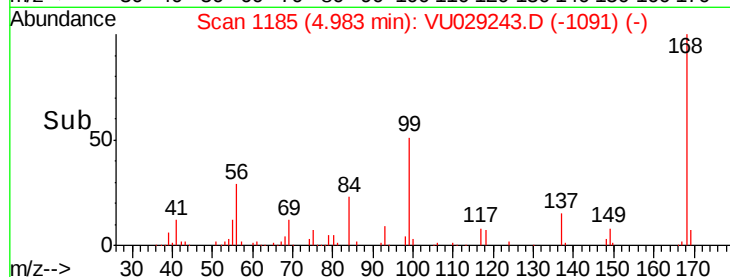
0

4.90

5.00

5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.639 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU029243.D

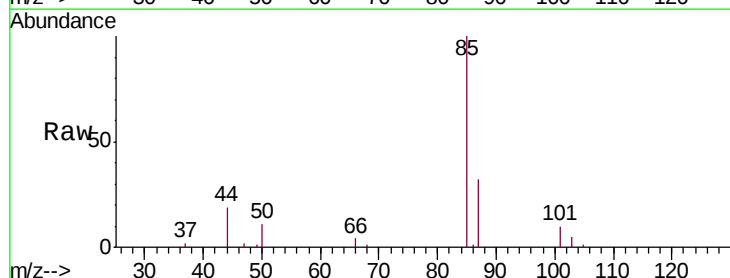
Acq: 21 Jan 2019 12:56

Tgt Ion: 85 Resp: 20165

Ion Ratio Lower Upper

85 100

87 31.7 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

25000

20000

15000

10000

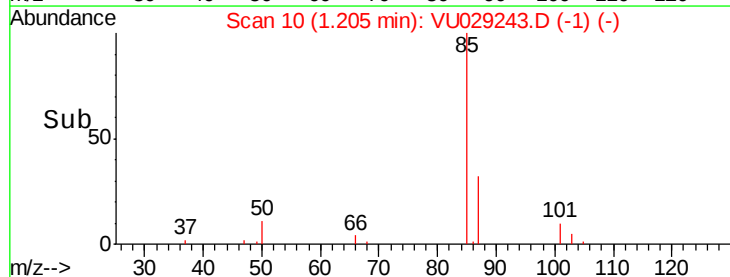
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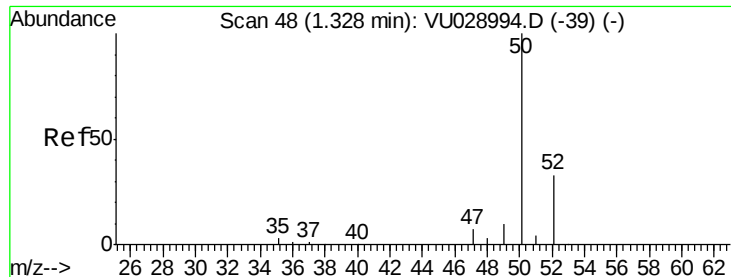
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1.20

1.25

Time-->





#3

Chloromethane

Concen: 15.851 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

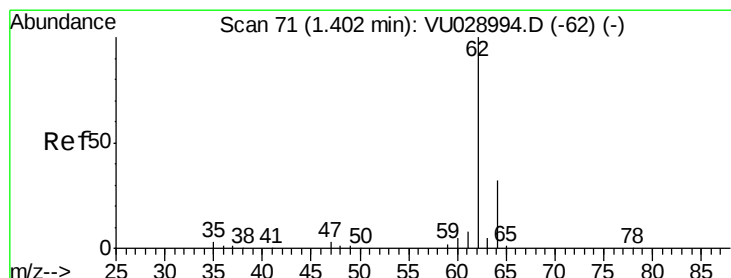
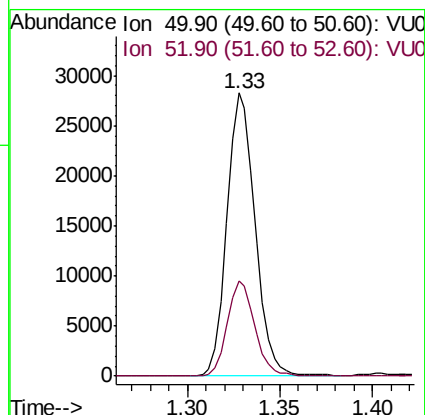
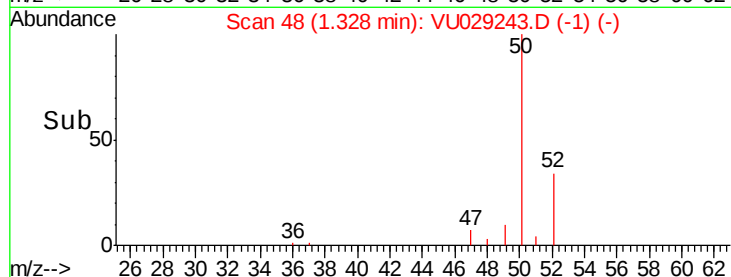
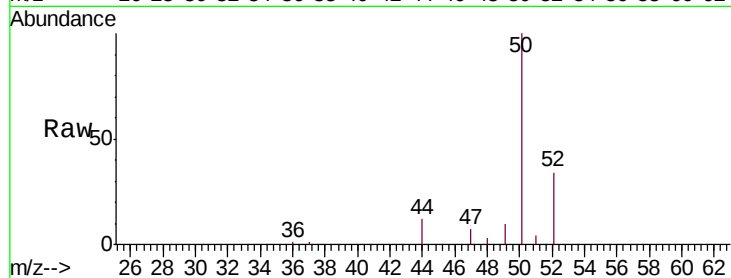
VU0121WBS01

Tgt Ion: 50 Resp: 29792

Ion Ratio Lower Upper

50 100

52 33.5 26.1 39.1



#4

Vinyl Chloride

Concen: 17.210 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU029243.D

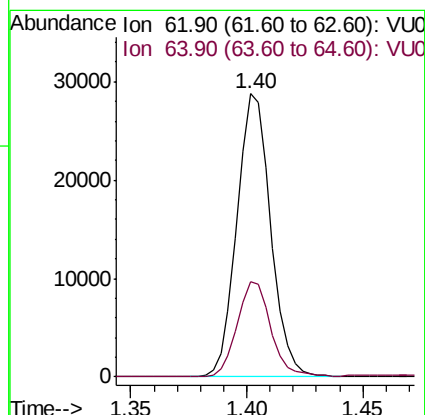
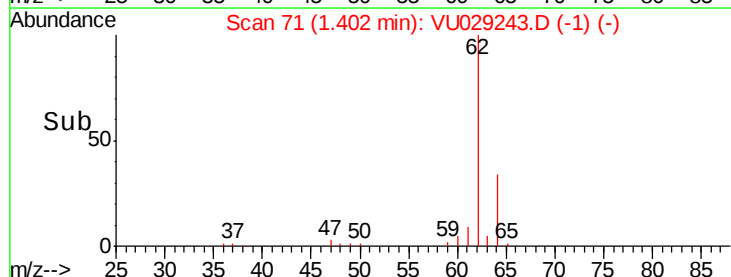
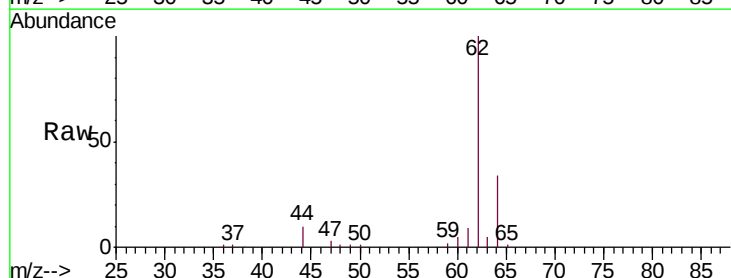
Acq: 21 Jan 2019 12:56

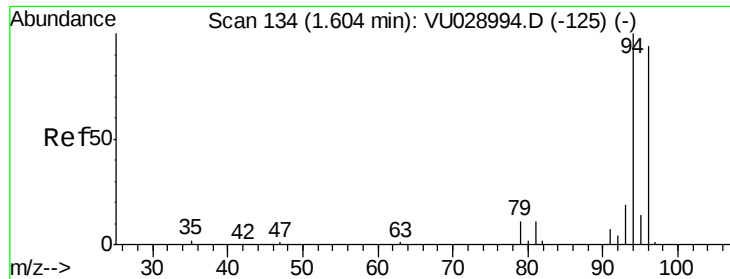
Tgt Ion: 62 Resp: 28994

Ion Ratio Lower Upper

62 100

64 33.7 25.9 38.9

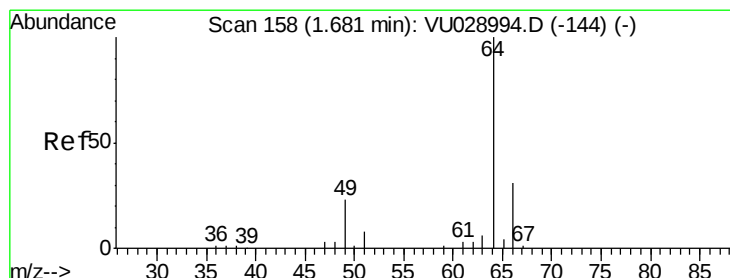
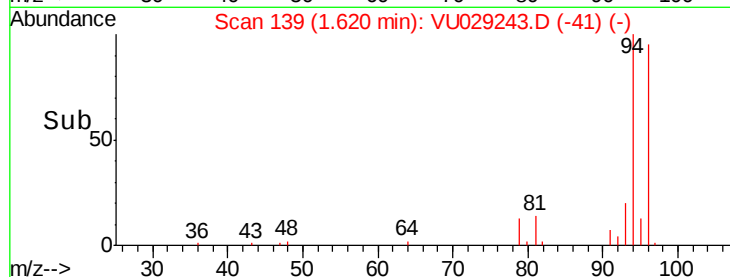
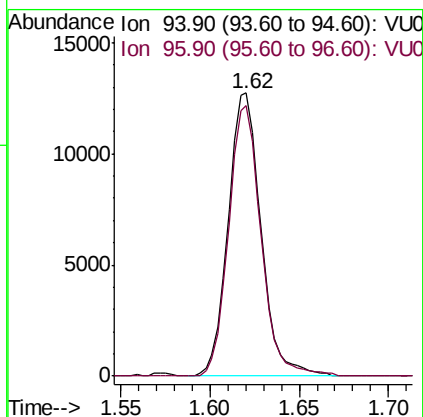
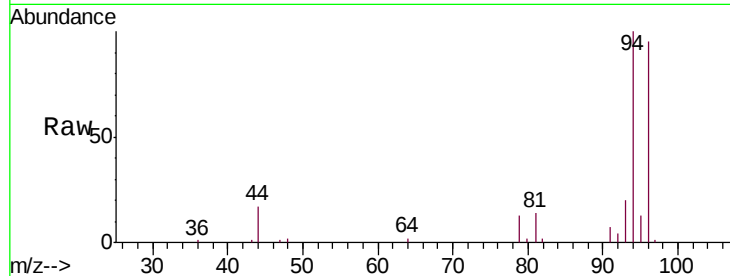




#5
Bromomethane
Concen: 16.787 ug/l
RT: 1.62 min Scan# 139
Delta R.T. 0.02 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

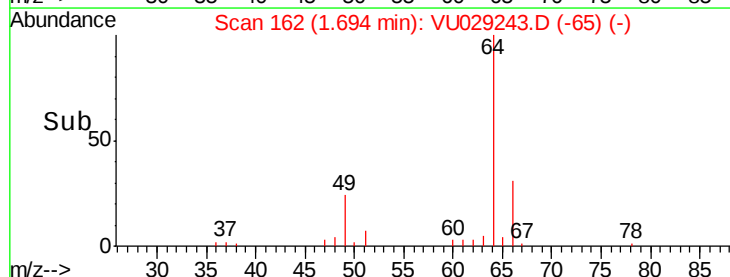
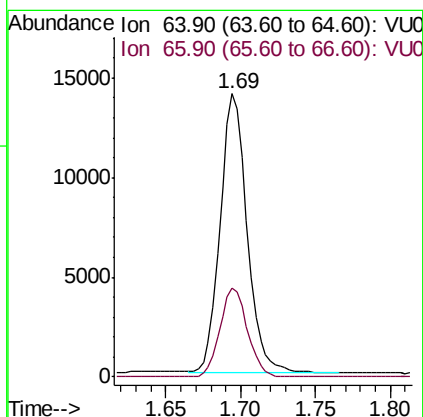
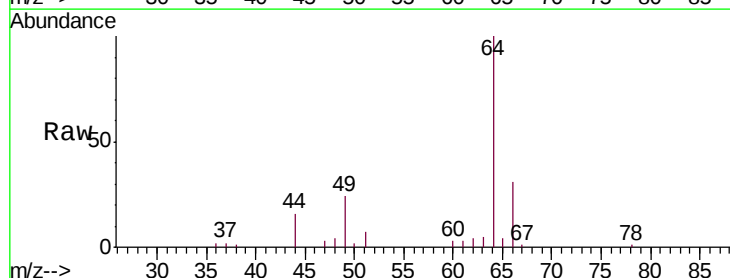
Instrument :
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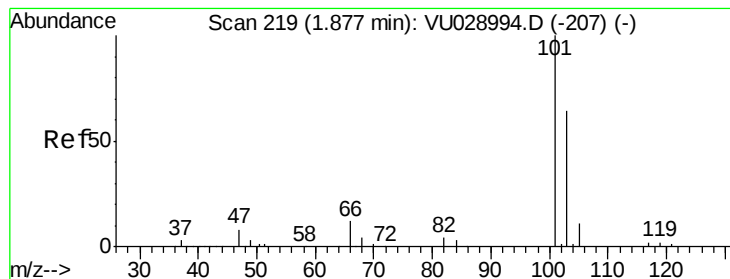
Tgt Ion: 94 Resp: 16287
Ion Ratio Lower Upper
94 100
96 95.4 75.5 113.3



#6
Chloroethane
Concen: 17.617 ug/l
RT: 1.69 min Scan# 162
Delta R.T. 0.01 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 64 Resp: 17678
Ion Ratio Lower Upper
64 100
66 31.6 25.2 37.8



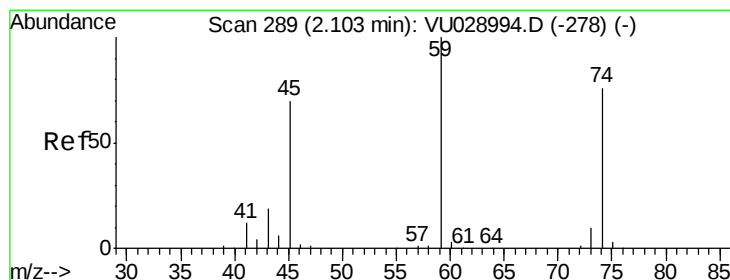
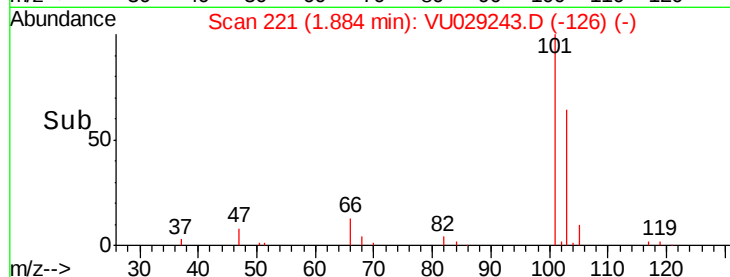
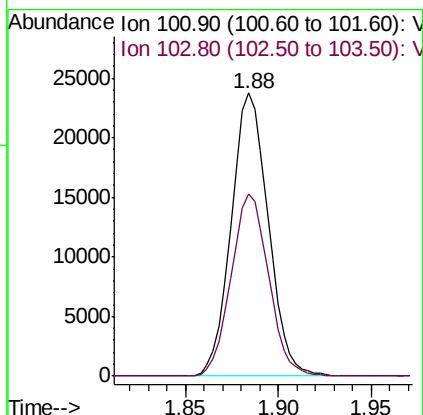
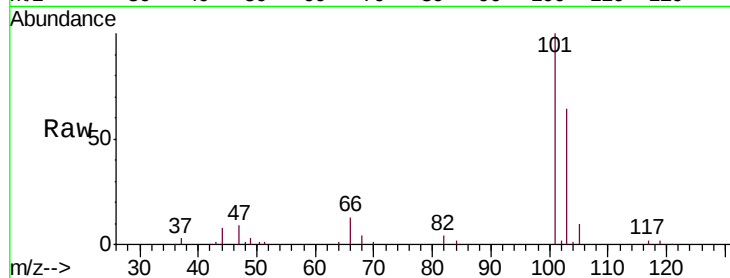


#7

Trichlorofluoromethane
 Concen: 17.950 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Instrument :
 MSVOA_U
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 VU0121WBS01

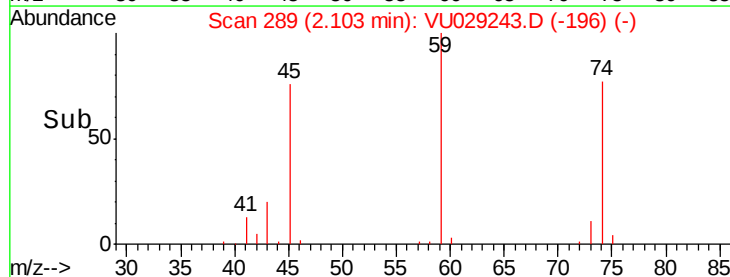
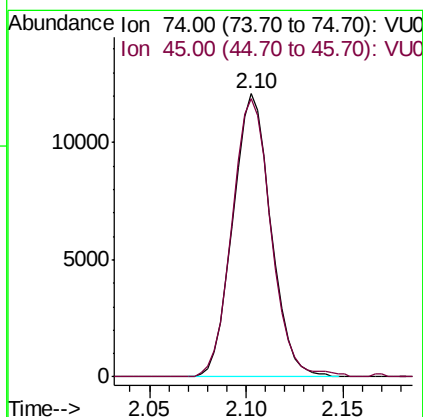
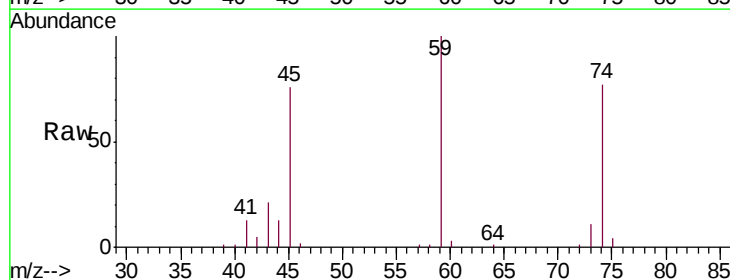
Tgt Ion:101 Resp: 32952
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.5 77.3

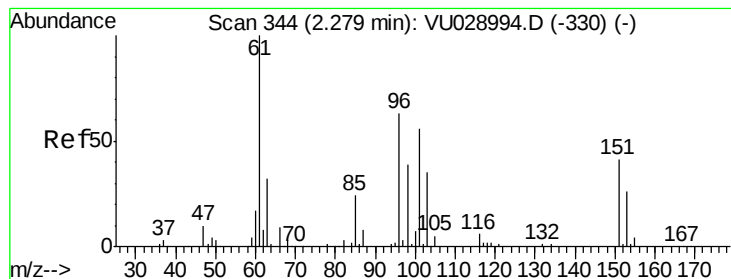


#8

Diethyl Ether
 Concen: 18.723 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 74 Resp: 16512
 Ion Ratio Lower Upper
 74 100
 45 100.7 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.419 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

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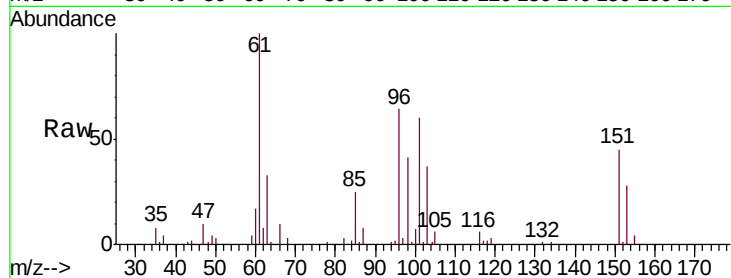
Tgt Ion:101 Resp: 22624

Ion Ratio Lower Upper

101 100

85 41.5 35.1 52.7

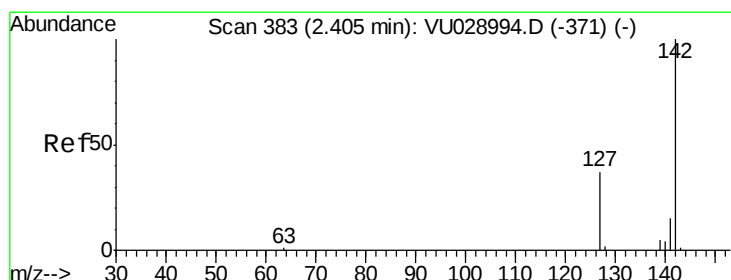
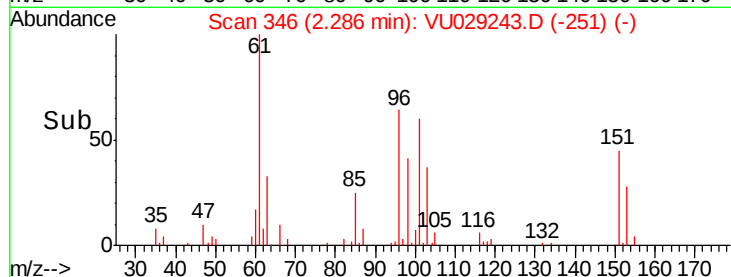
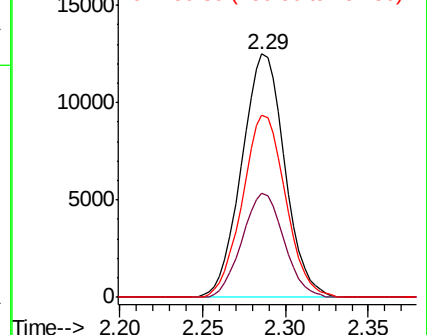
151 74.9 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.739 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.01 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

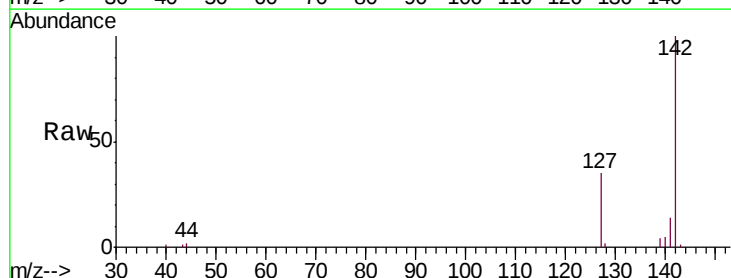
Tgt Ion:142 Resp: 23952

Ion Ratio Lower Upper

142 100

127 36.4 29.8 44.6

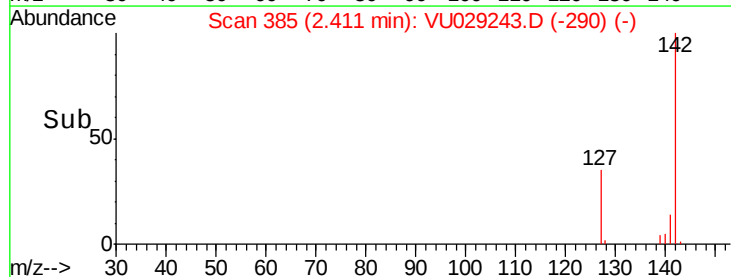
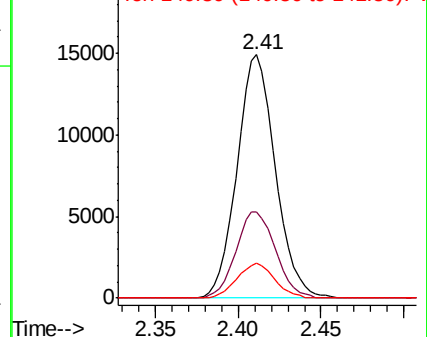
141 13.9 11.5 17.3

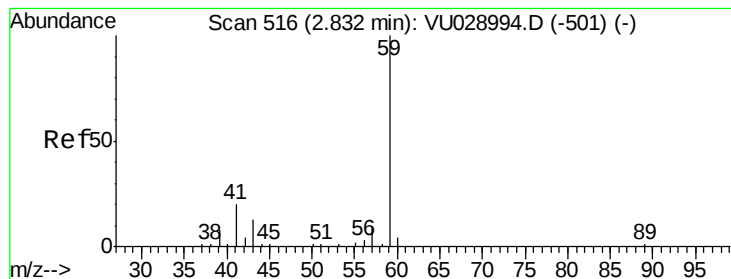


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



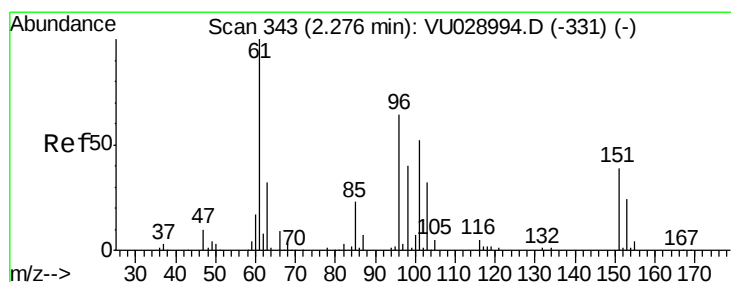
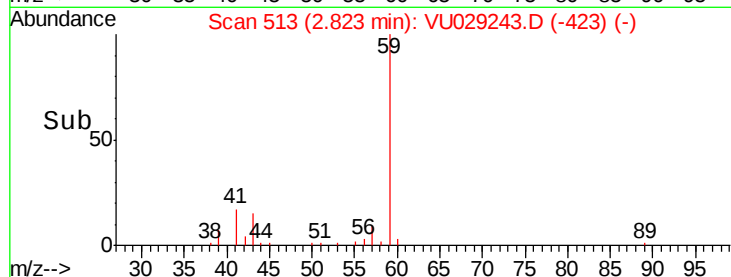
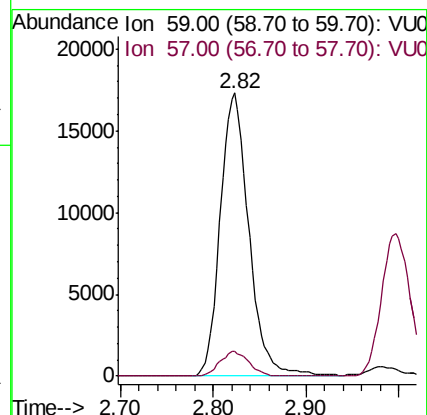
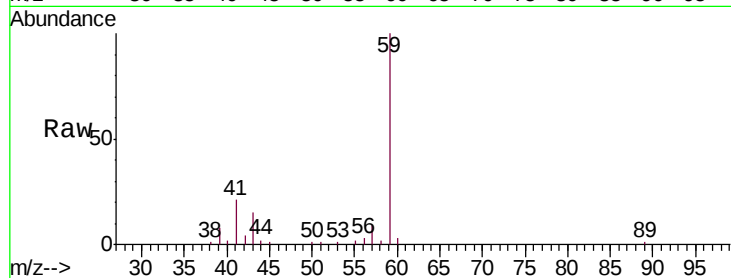


#11

Tert butyl alcohol
 Concen: 102.411 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

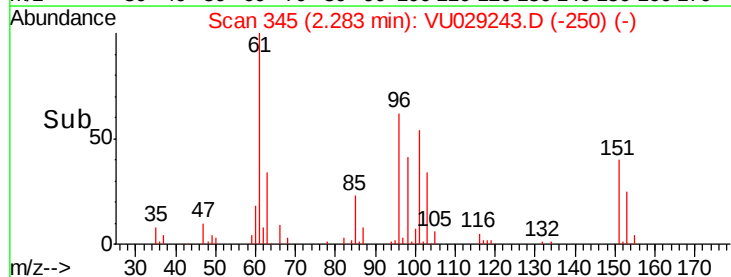
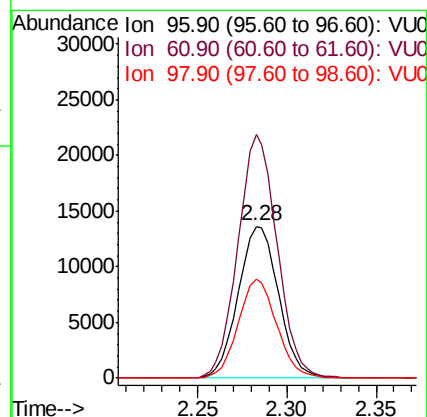
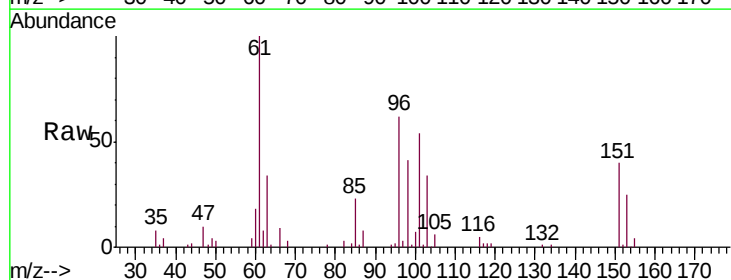
Tgt Ion: 59 Resp: 37095
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.9 11.9

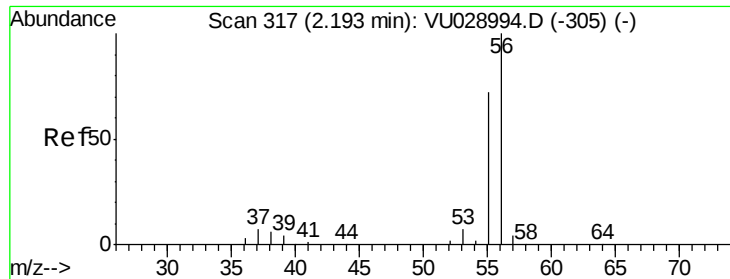


#12

1,1-Dichloroethene
 Concen: 17.910 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.01 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 96 Resp: 21412
 Ion Ratio Lower Upper
 96 100
 61 160.8 125.4 188.0
 98 65.4 49.7 74.5





#13

Acrolein

Concen: 67.048 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampled :

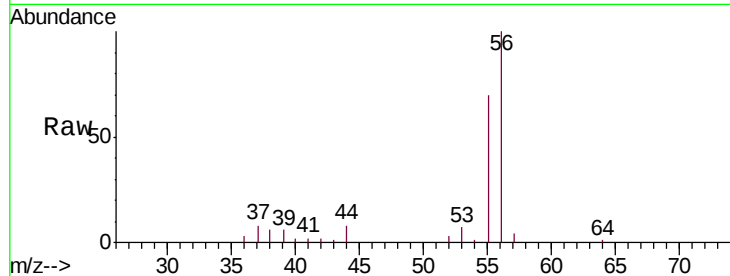
VU0121WBS01

Tgt Ion: 56 Resp: 18236

Ion Ratio Lower Upper

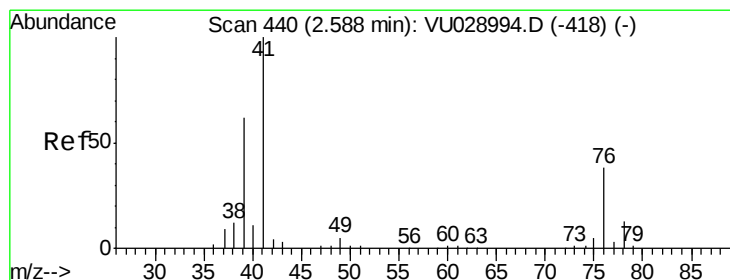
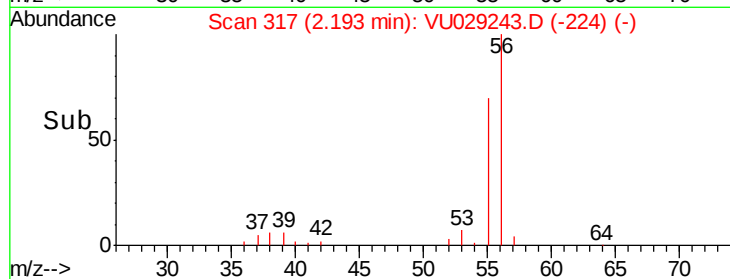
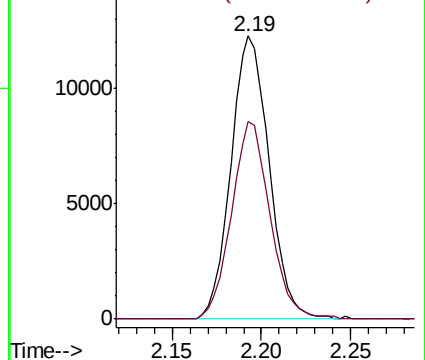
56 100

55 70.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 17.864 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

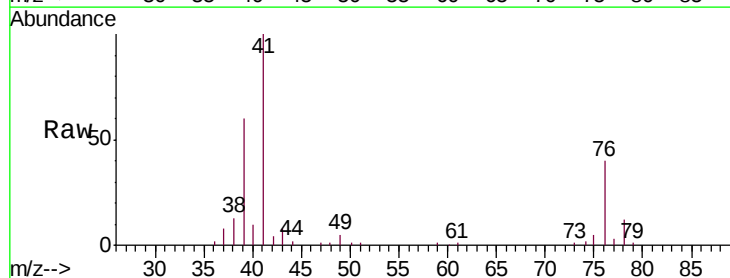
Tgt Ion: 41 Resp: 39187

Ion Ratio Lower Upper

41 100

39 62.3 45.0 67.6

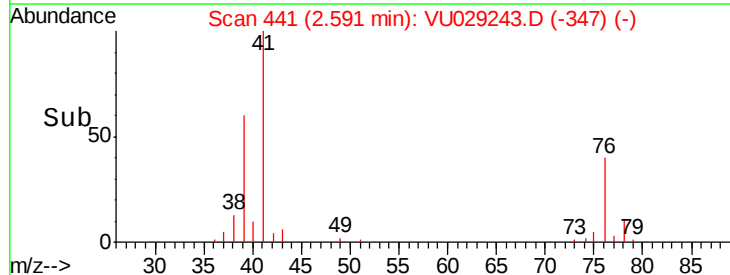
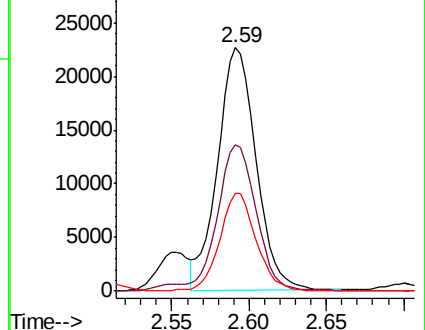
76 37.9 28.1 42.1

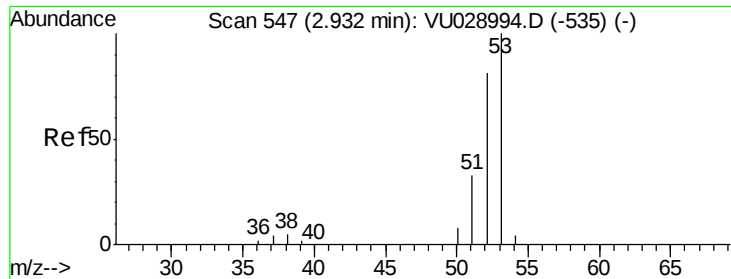


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 105.429 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

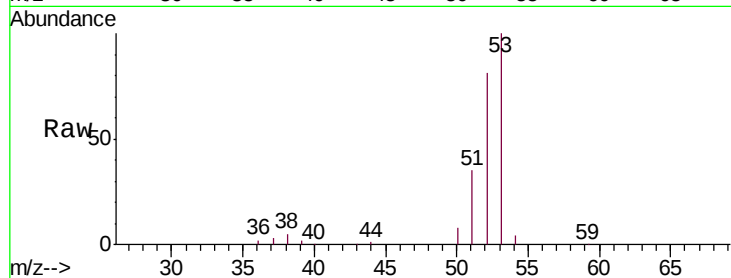
Tgt Ion: 53 Resp: 93689

Ion Ratio Lower Upper

53 100

52 80.3 64.8 97.2

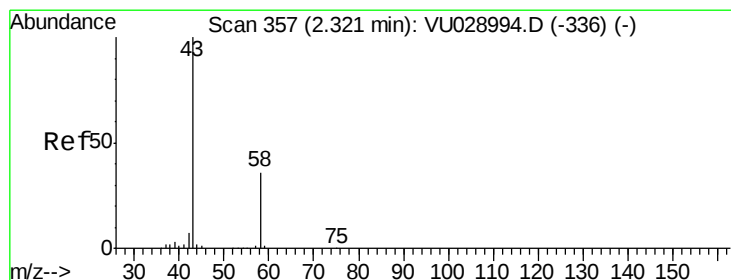
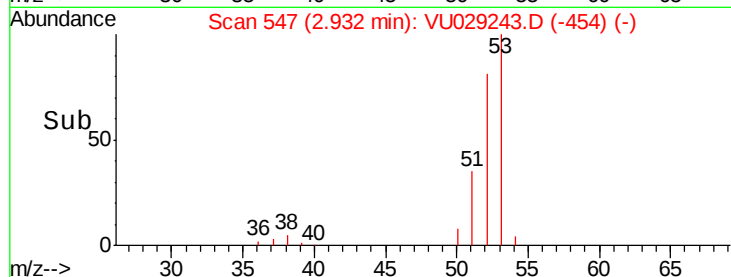
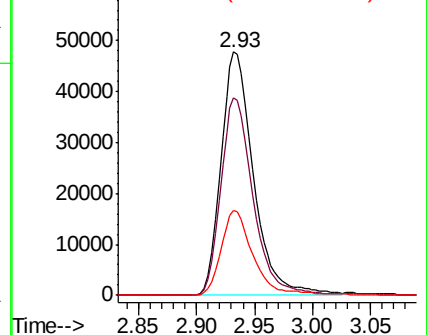
51 34.1 27.3 40.9



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 111.666 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU029243.D

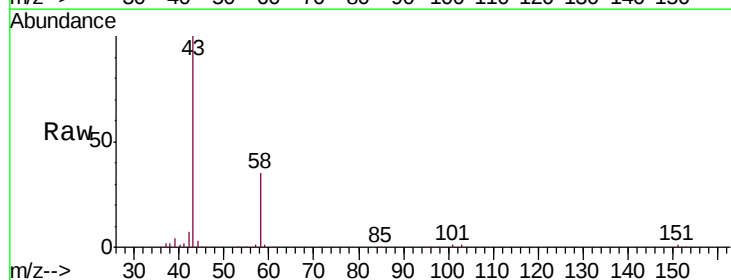
Acq: 21 Jan 2019 12:56

Tgt Ion: 43 Resp: 100243

Ion Ratio Lower Upper

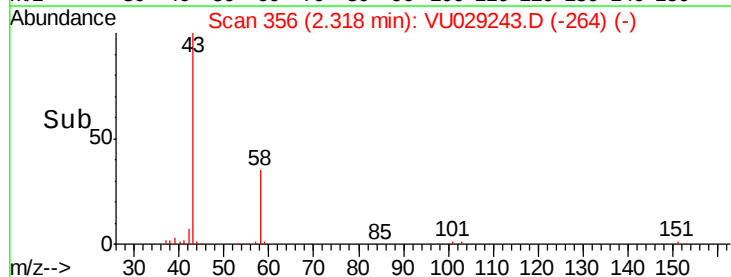
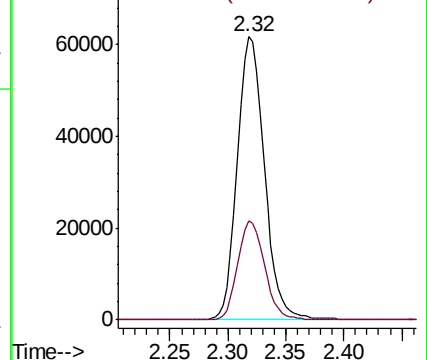
43 100

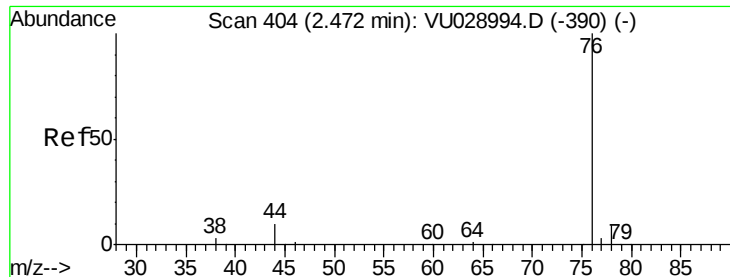
58 35.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

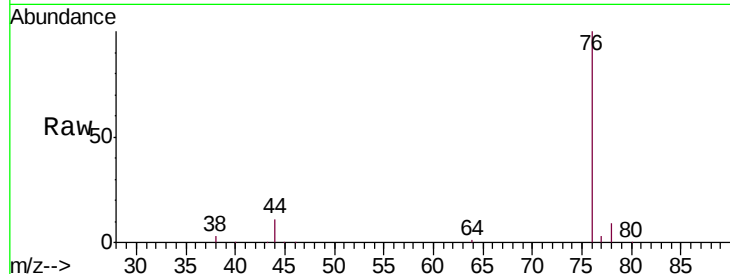




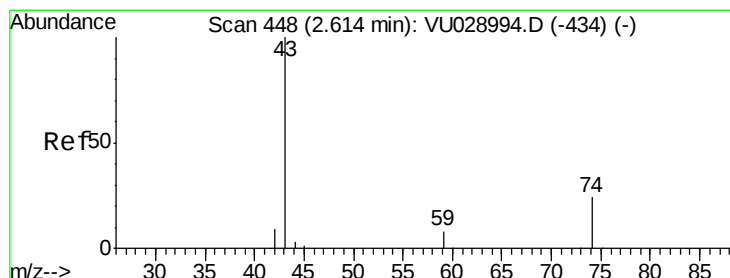
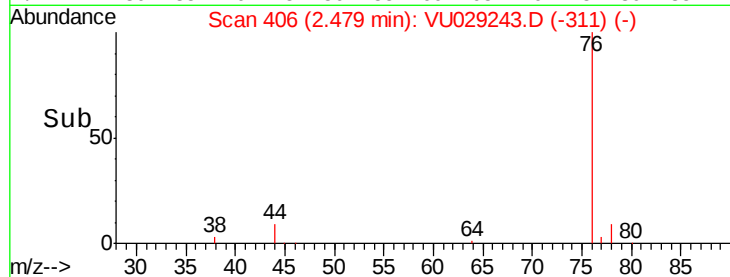
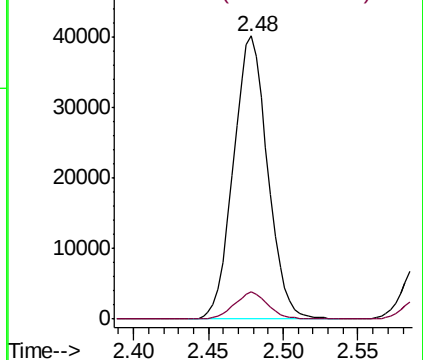
#17
Carbon Disulfide
Concen: 15.744 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion: 76 Resp: 63840
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

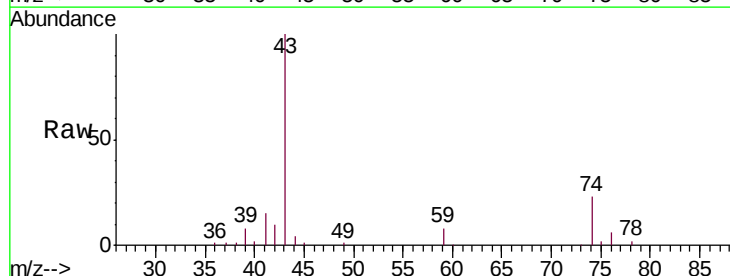


Abundance Ion 75.90 (75.60 to 76.60): VU0
Ion 77.90 (77.60 to 78.60): VU0

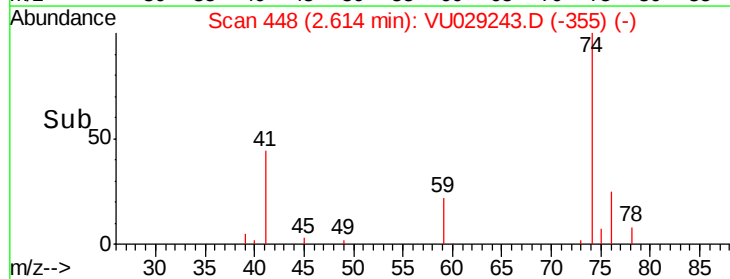
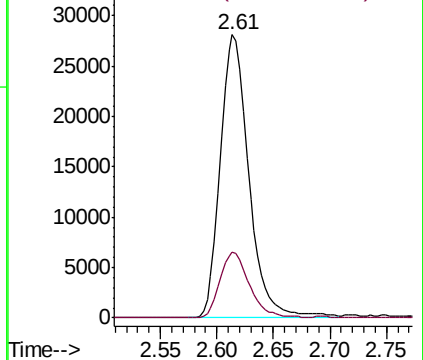


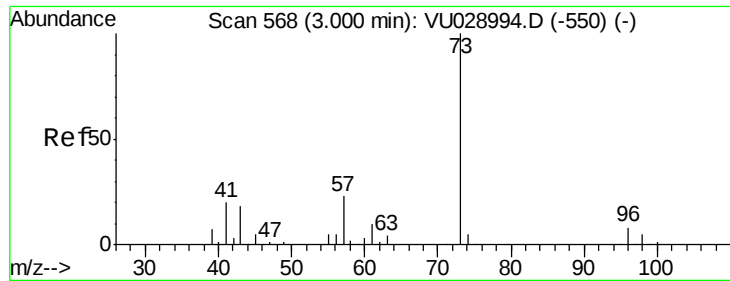
#18
Methyl Acetate
Concen: 23.881 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 43 Resp: 49848
Ion Ratio Lower Upper
43 100
74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 74.00 (73.70 to 74.70): VU0



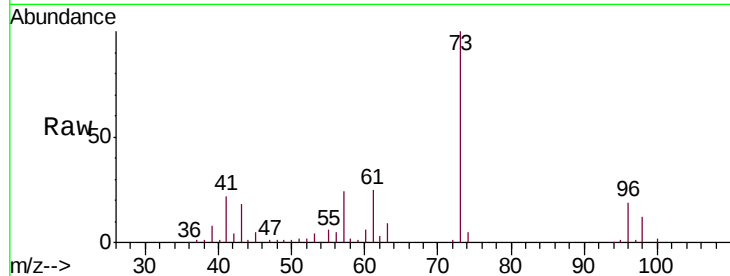


#19

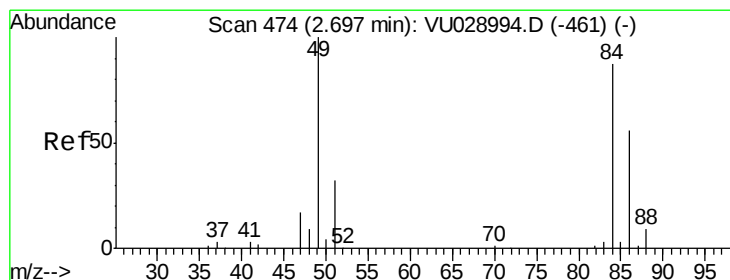
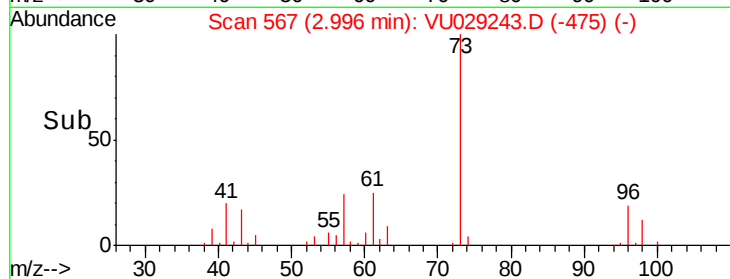
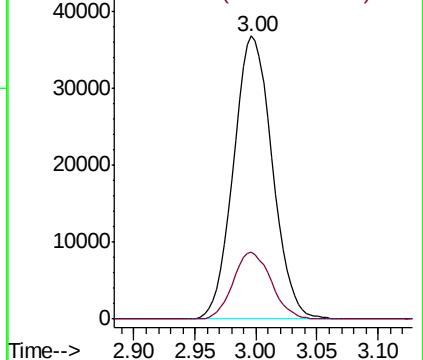
Methyl tert-butyl Ether
 Concen: 19.234 ug/l
 RT: 3.00 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

Tgt Ion: 73 Resp: 80844
 Ion Ratio Lower Upper
 73 100
 57 23.7 18.6 28.0



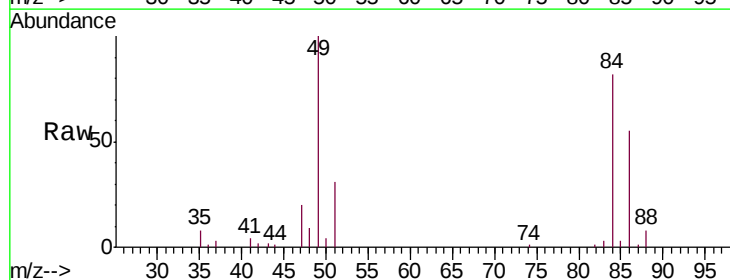
Abundance Ion 73.00 (72.70 to 73.70): VU028994.D (-550) (-)
 Ion 57.00 (56.70 to 57.70): VU028994.D (-550) (-)



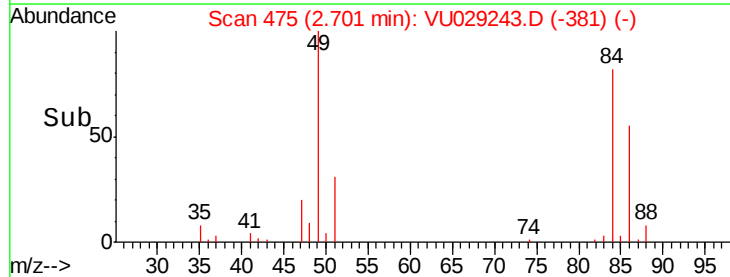
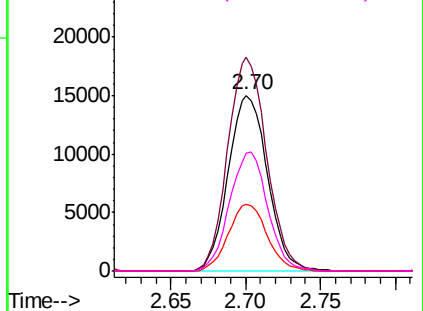
#20

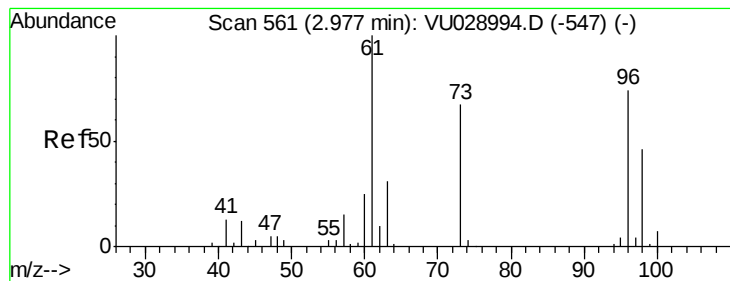
Methylene Chloride
 Concen: 18.018 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 84 Resp: 27462
 Ion Ratio Lower Upper
 84 100
 49 121.8 91.9 137.9
 51 38.3 29.2 43.8
 86 66.8 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VU028994.D (-461) (-)
 Ion 48.90 (48.60 to 49.60): VU028994.D (-461) (-)
 Ion 50.90 (50.60 to 51.60): VU028994.D (-461) (-)
 Ion 85.90 (85.60 to 86.60): VU028994.D (-461) (-)





#21

trans-1,2-Dichloroethene

Concen: 17.729 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.01 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

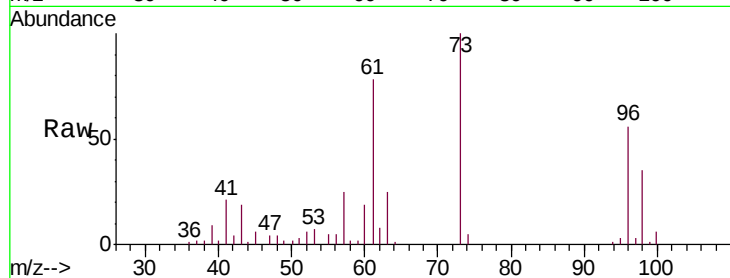
Tgt Ion: 96 Resp: 24626

Ion Ratio Lower Upper

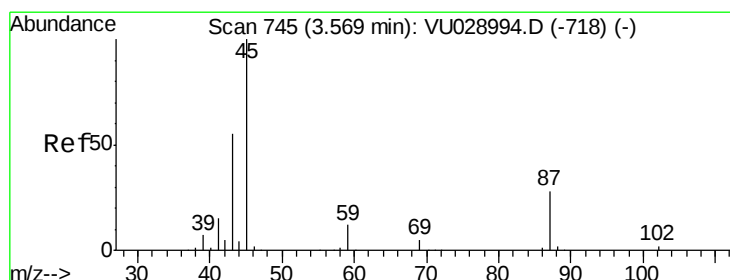
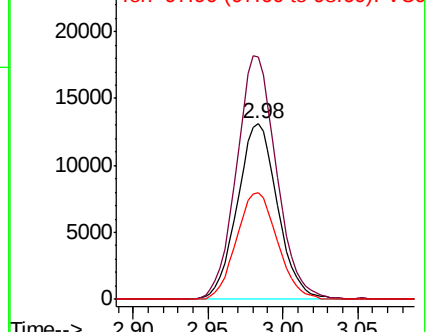
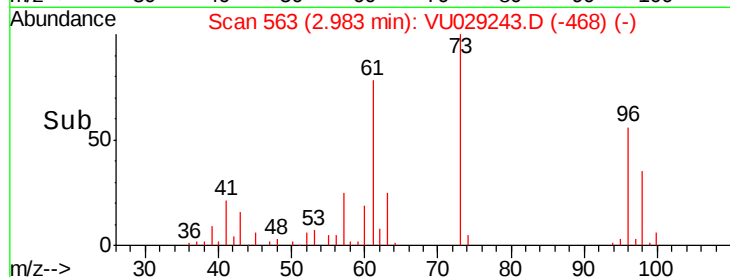
96 100

61 138.2 107.7 161.5

98 61.2 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VU029243.D (-468) (-)



#22

Diisopropyl ether

Concen: 20.328 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Tgt Ion: 45 Resp: 88132

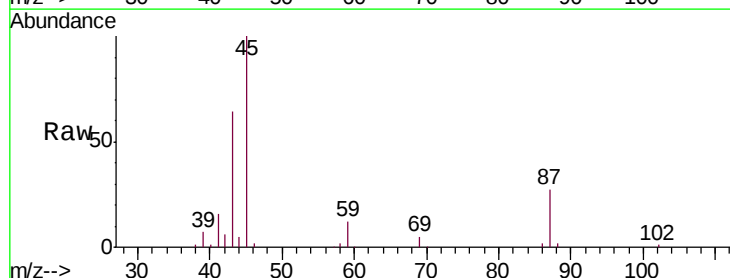
Ion Ratio Lower Upper

45 100

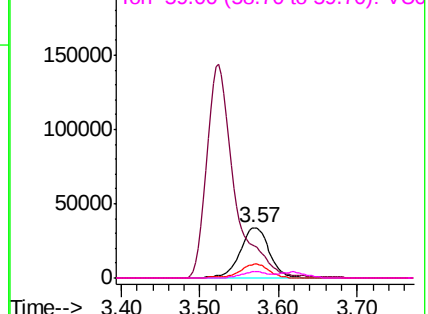
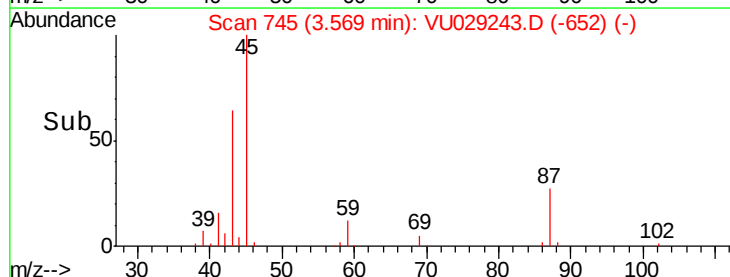
43 62.5 44.7 67.1

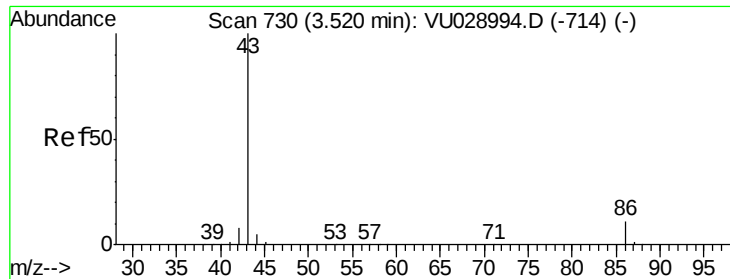
87 27.1 22.2 33.2

59 12.4 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VU029243.D (-652) (-)





#23

Vinyl Acetate

Concen: 98.494 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

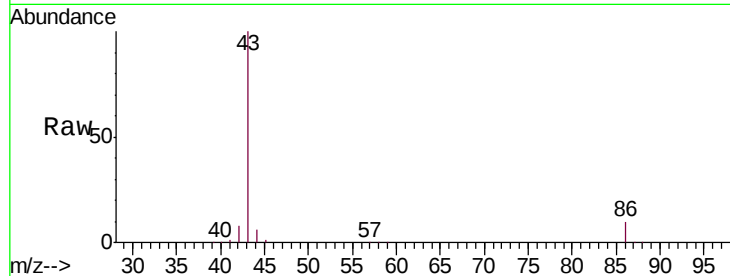
VU0121WBS01

Tgt Ion: 43 Resp: 349087

Ion Ratio Lower Upper

43 100

86 10.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU029243.D (-637) (-)

Ion 86.00 (85.70 to 86.70): VU029243.D (-637) (-)

3.52

150000

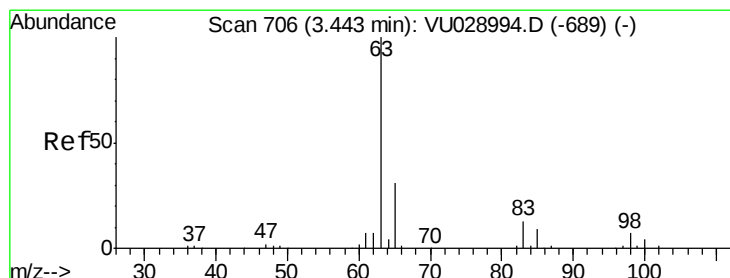
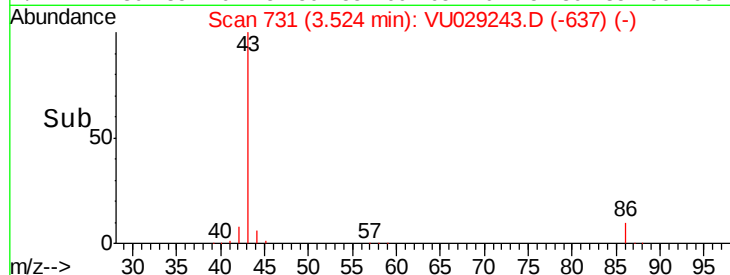
100000

50000

0

Time-->

3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 19.658 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

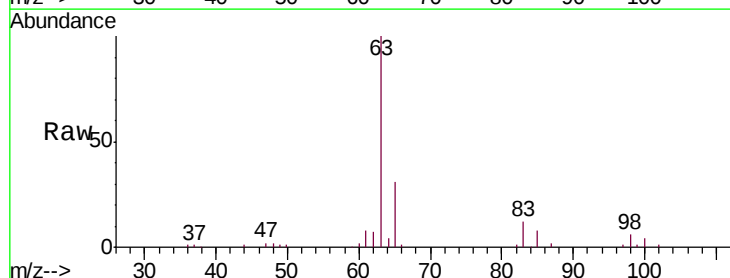
Tgt Ion: 63 Resp: 49198

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU029243.D (-613) (-)

Ion 97.90 (97.60 to 98.60): VU029243.D (-613) (-)

Ion 99.90 (99.60 to 100.60): VU029243.D (-613) (-)

3.45

30000

25000

20000

15000

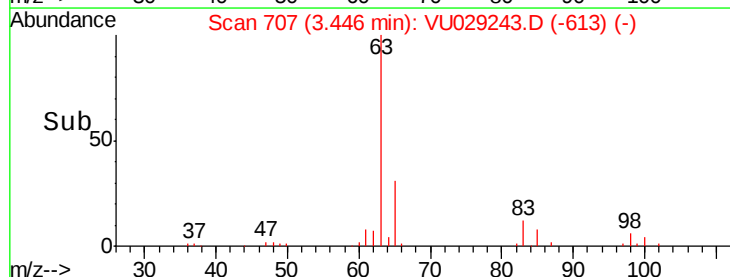
10000

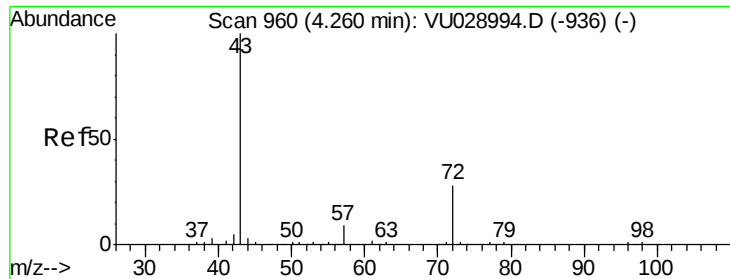
5000

0

Time-->

3.35 3.40 3.45 3.50 3.55





#25

2-Butanone

Concen: 110.075 ug/l

RT: 4.26 min Scan# 959

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

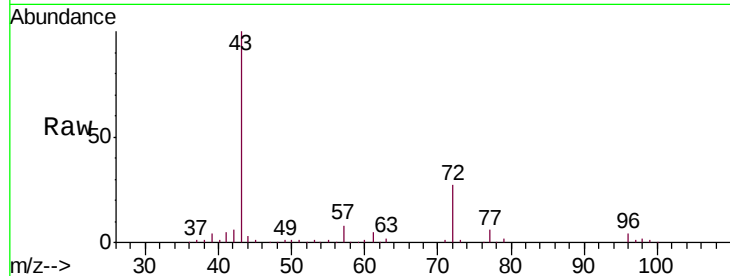
VU0121WBS01

Tgt Ion: 43 Resp: 133463

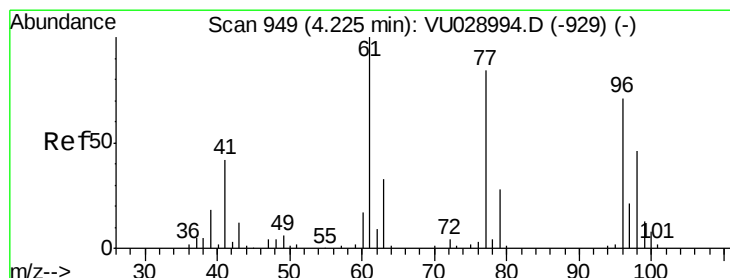
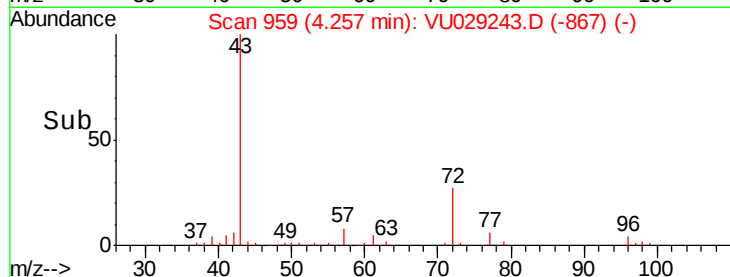
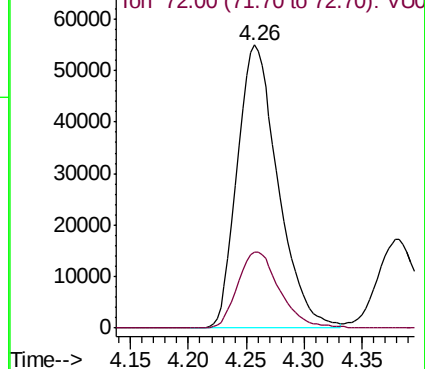
Ion Ratio Lower Upper

43 100

72 27.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-936) (-)



#26

2,2-Dichloropropane

Concen: 19.630 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU029243.D

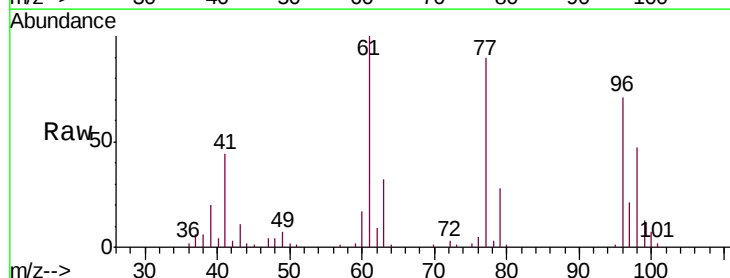
Acq: 21 Jan 2019 12:56

Tgt Ion: 77 Resp: 39697

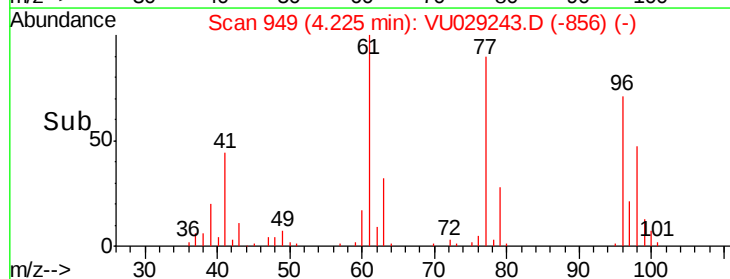
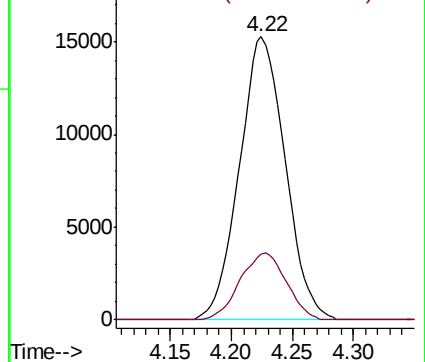
Ion Ratio Lower Upper

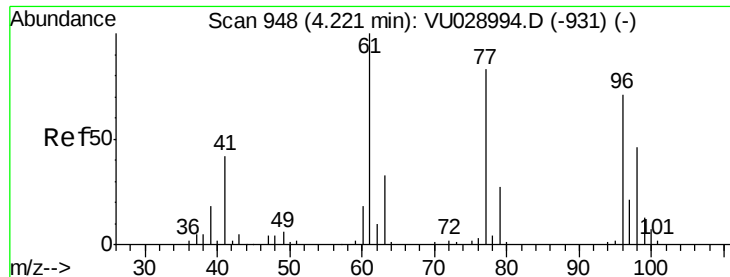
77 100

97 24.0 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU028994.D (-929) (-)



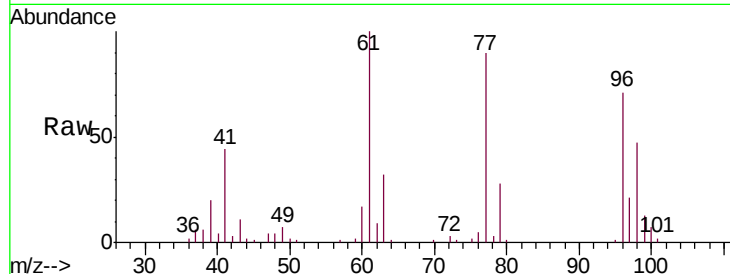


#27

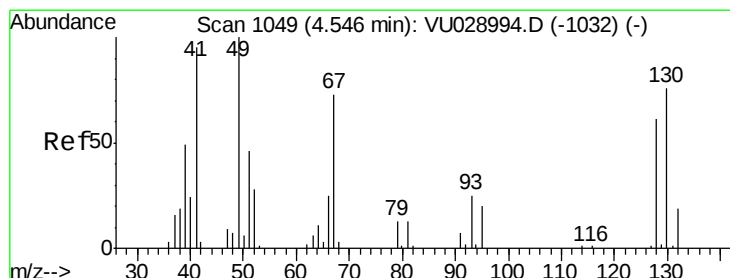
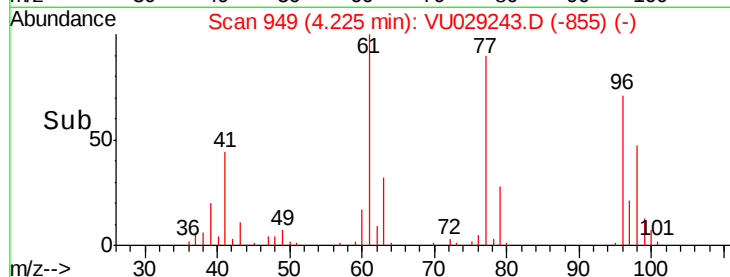
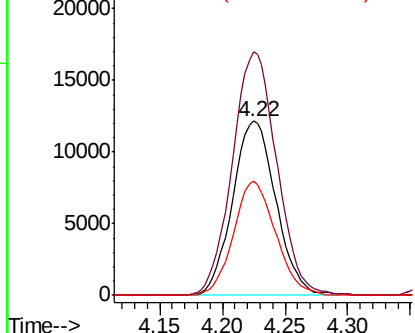
cis-1,2-Dichloroethene
 Concen: 19.283 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

Tgt Ion: 96 Resp: 29294
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 285.6
 98 63.3 0.0 130.2



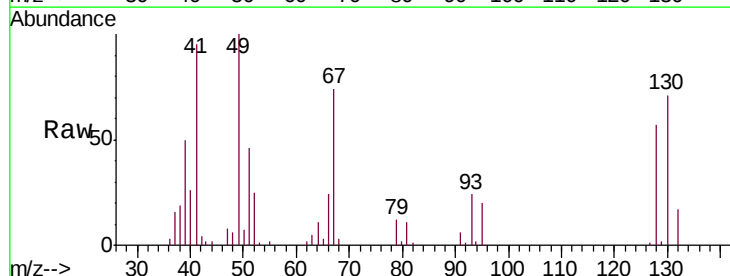
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



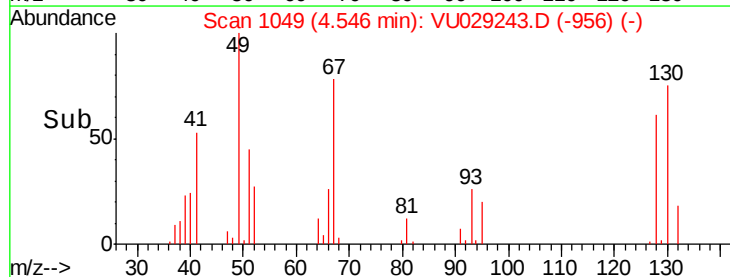
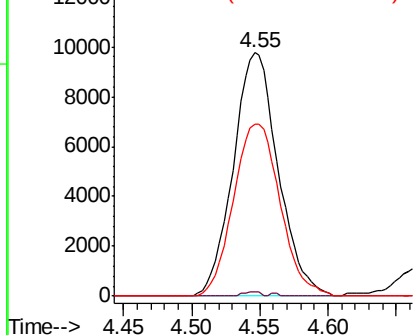
#28

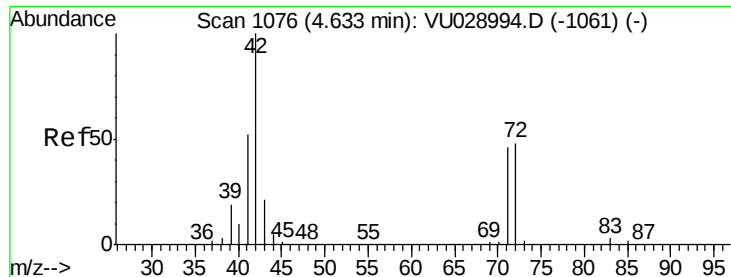
Bromochloromethane
 Concen: 20.799 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 49 Resp: 22290
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.4
 130 73.7 62.9 94.3



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

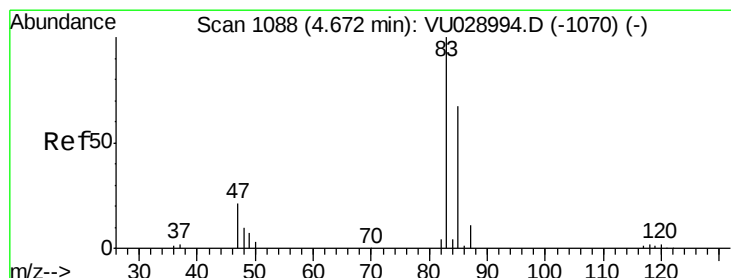
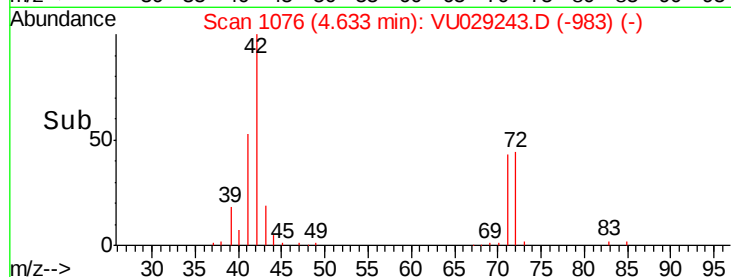
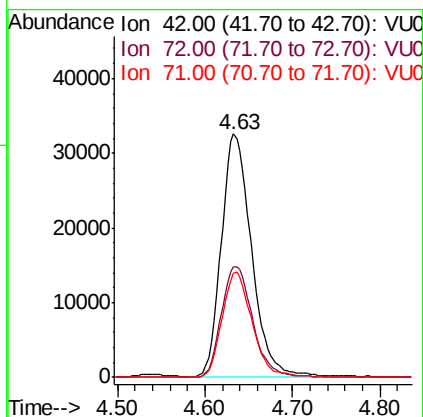
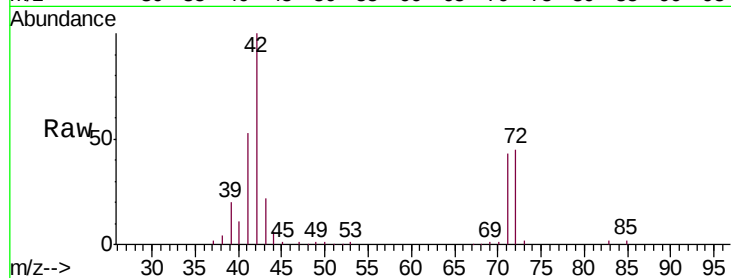




#29
Tetrahydrofuran
Concen: 106.725 ug/l
RT: 4.63 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

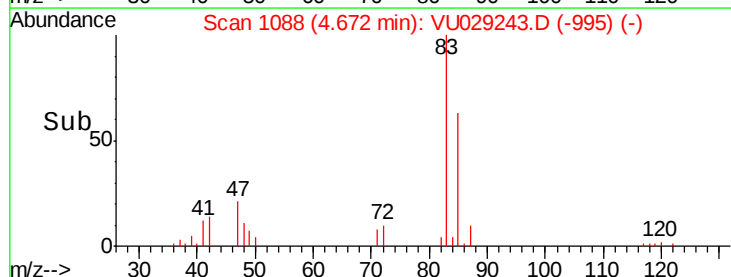
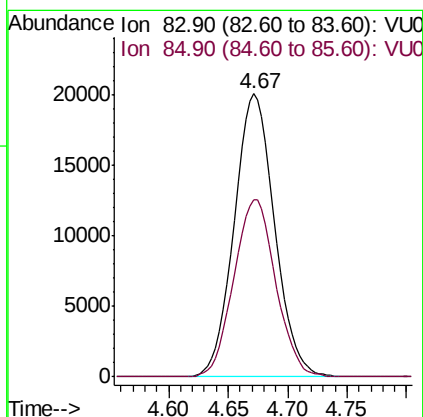
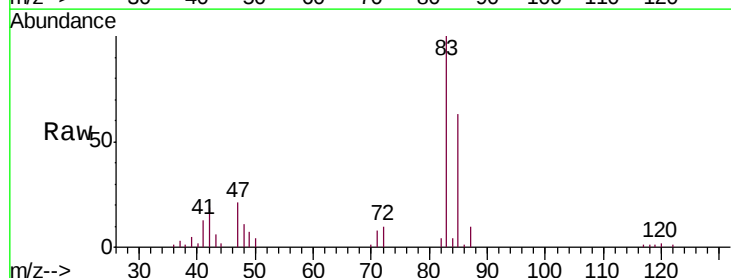
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

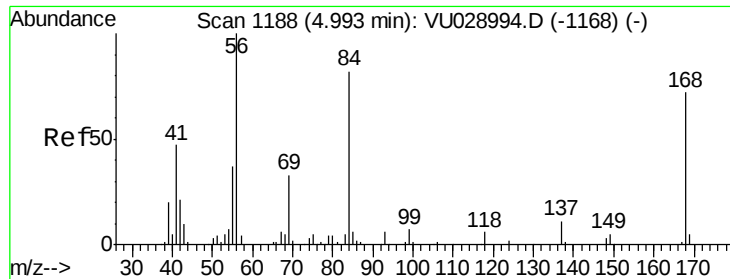
Tgt Ion: 42 Resp: 78484
Ion Ratio Lower Upper
42 100
72 46.8 38.3 57.5
71 42.8 36.1 54.1



#30
Chloroform
Concen: 19.800 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 83 Resp: 47199
Ion Ratio Lower Upper
83 100
85 62.7 53.4 80.0

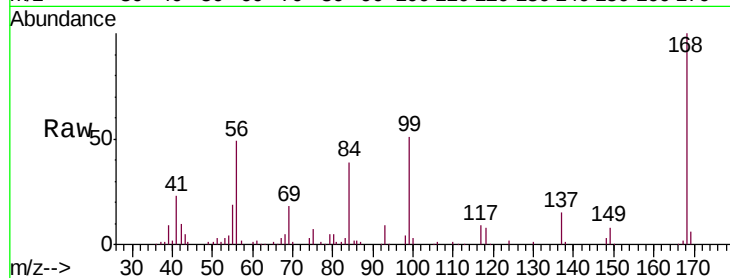




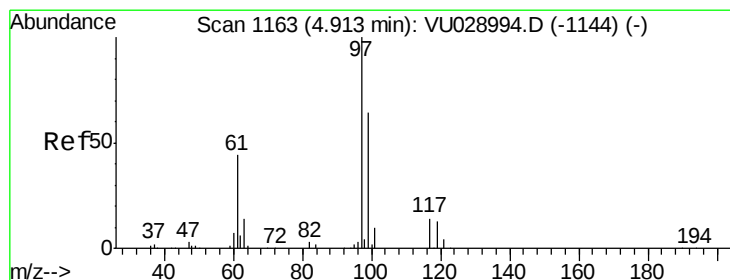
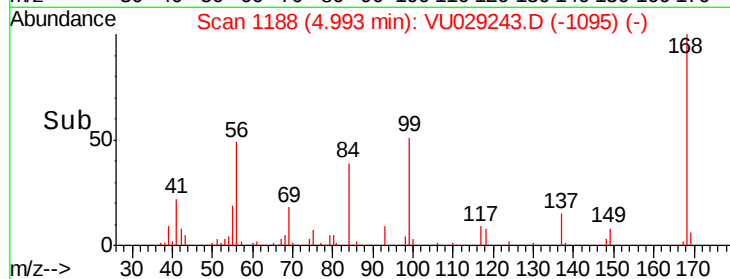
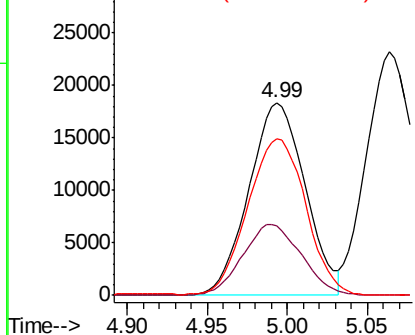
#31
Cyclohexane
Concen: 18.150 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion: 56 Resp: 44570
Ion Ratio Lower Upper
56 100
69 36.2 26.7 40.1
84 80.4 65.7 98.5

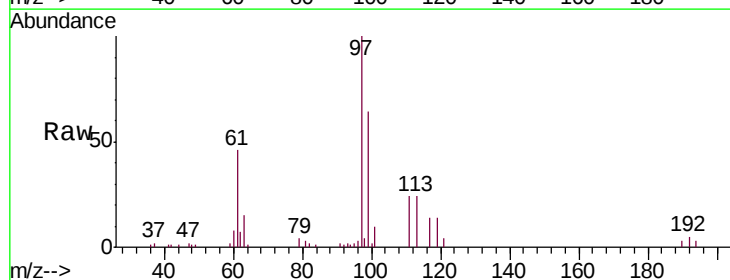


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

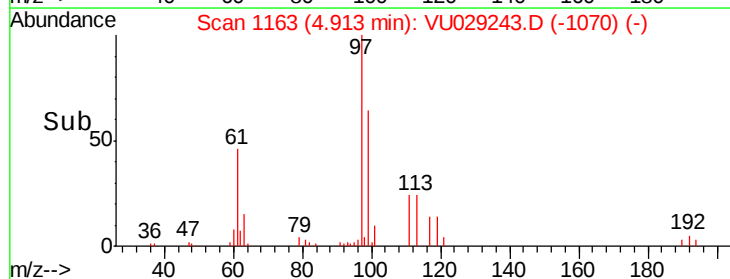
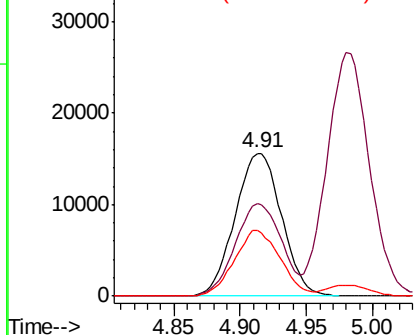


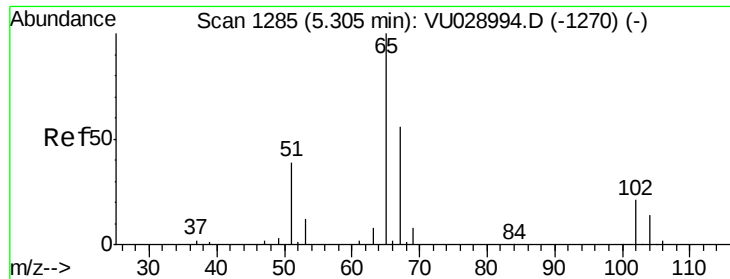
#32
1,1,1-Trichloroethane
Concen: 19.317 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 97 Resp: 38049
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 45.8 34.4 51.6



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

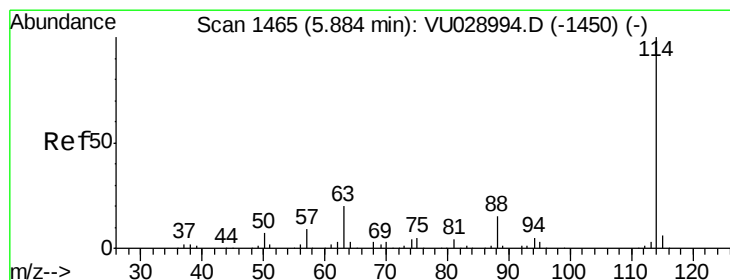
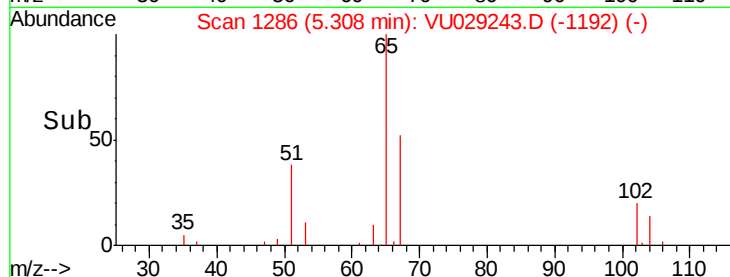
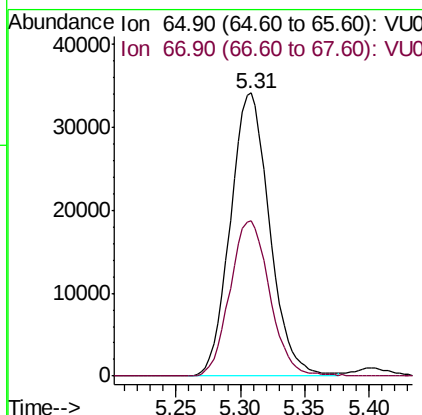
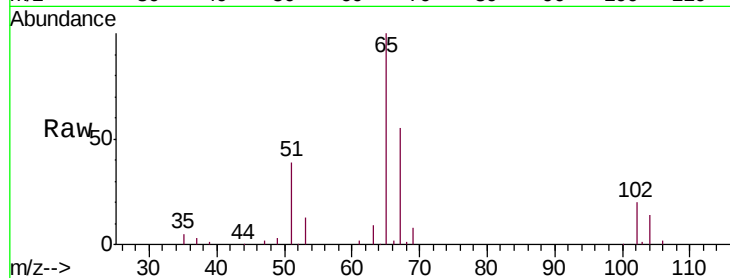




#33
 1,2-Dichloroethane-d4
 Concen: 50.691 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

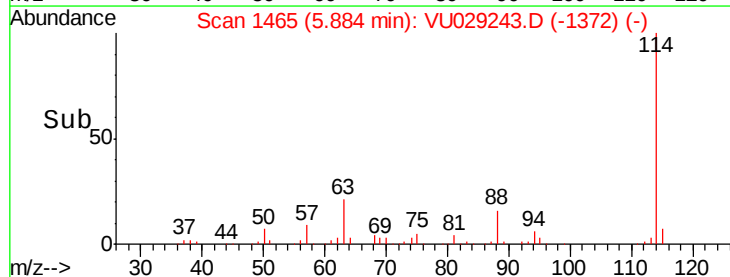
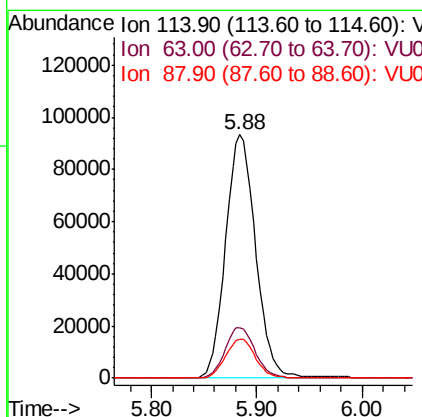
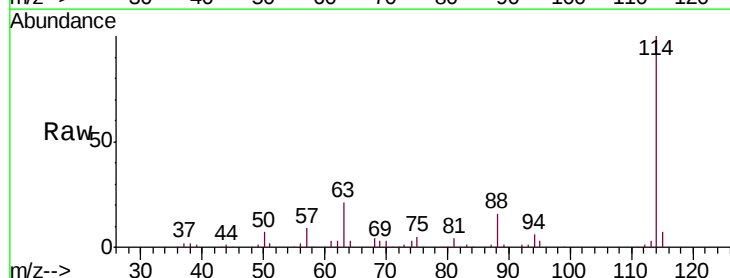
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

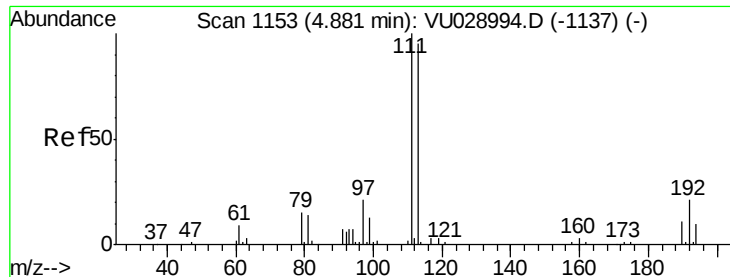
Tgt Ion: 65 Resp: 72235
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 114 Resp: 184311
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.2
 88 16.0 0.0 30.4

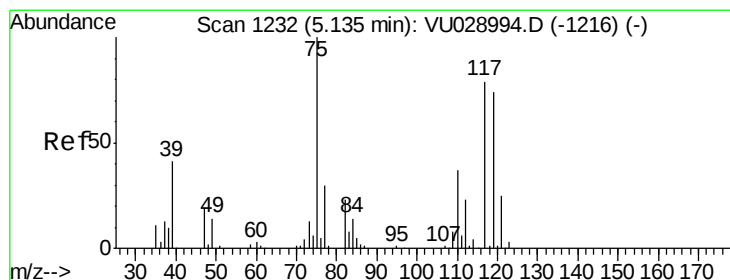
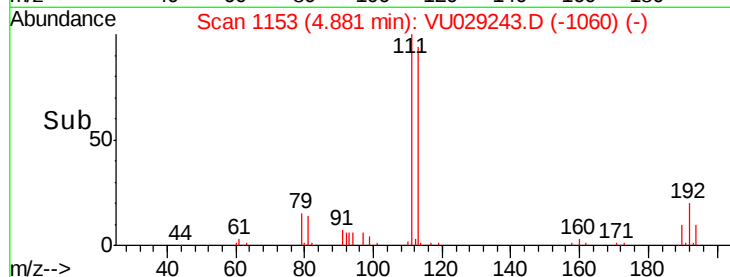
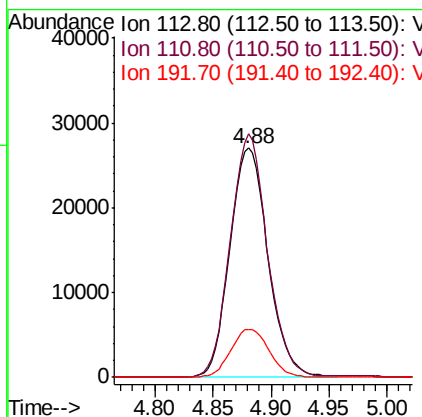
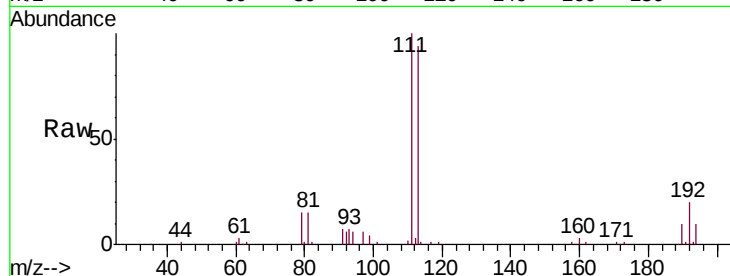




#35
 Dibromofluoromethane
 Concen: 51.665 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

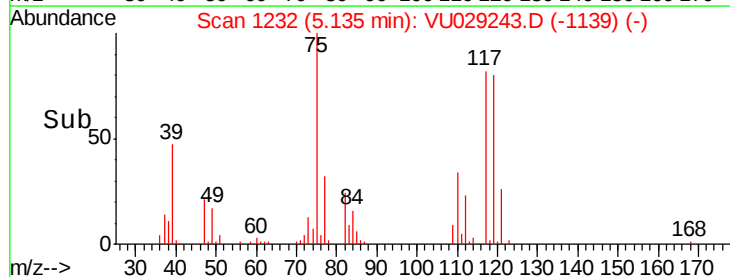
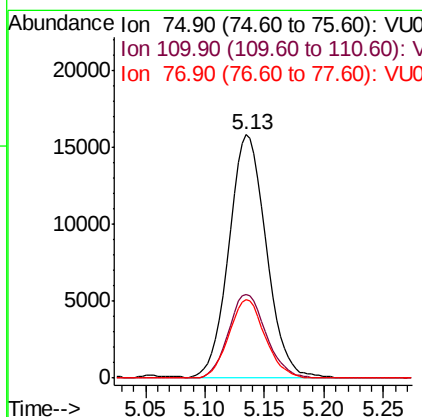
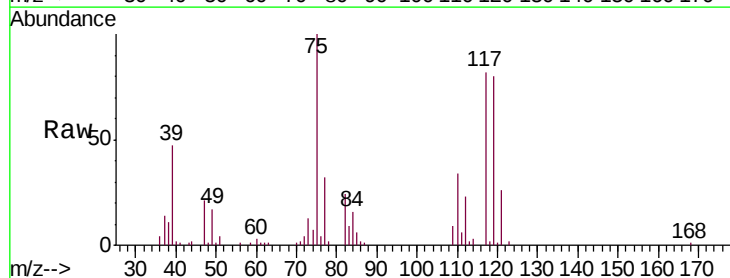
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

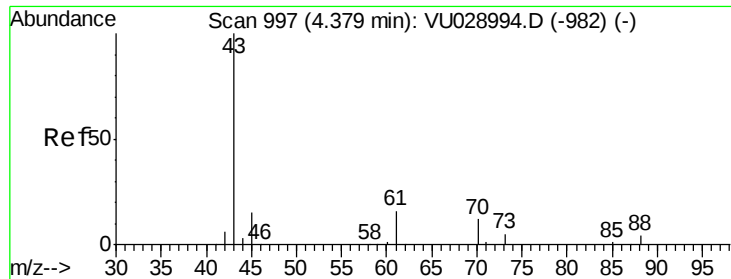
Tgt Ion: 113 Resp: 61727
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.2
 192 21.0 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 18.742 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 75 Resp: 34528
 Ion Ratio Lower Upper
 75 100
 110 34.3 18.4 55.4
 77 31.1 25.1 37.7

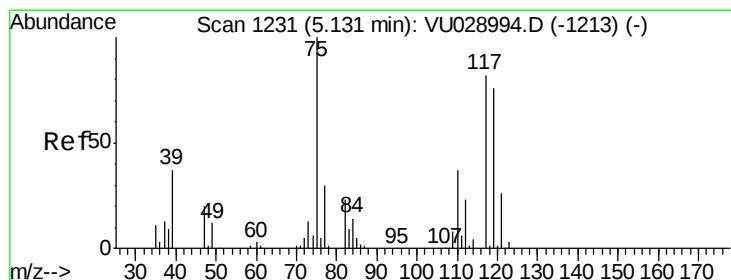
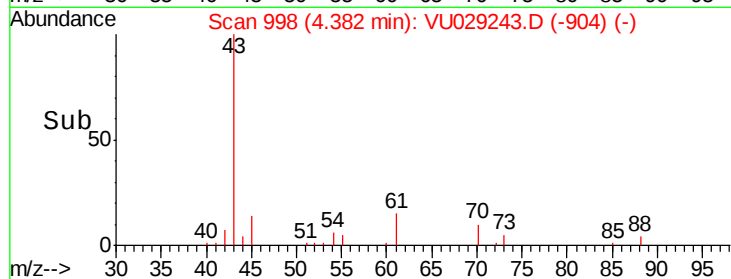
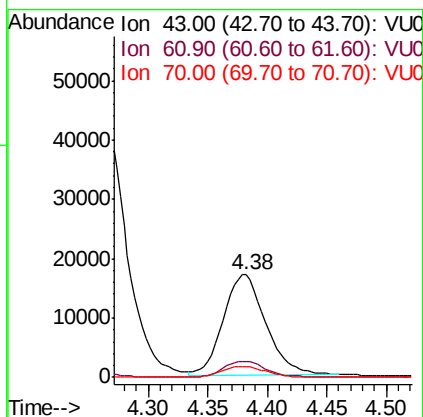
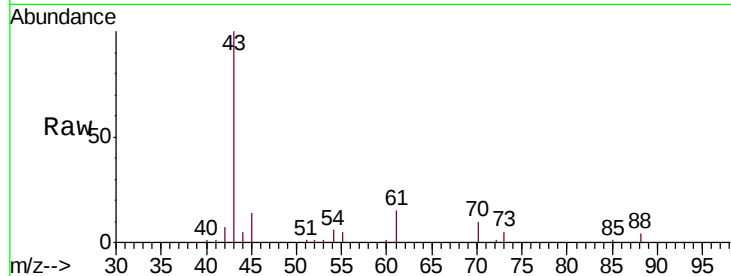




#37
Ethyl Acetate
Concen: 20.870 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

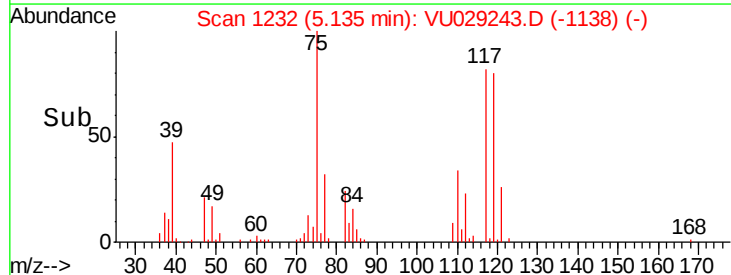
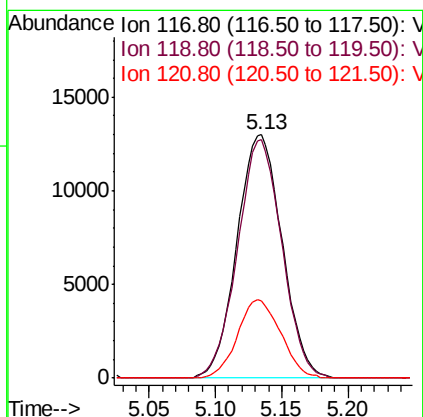
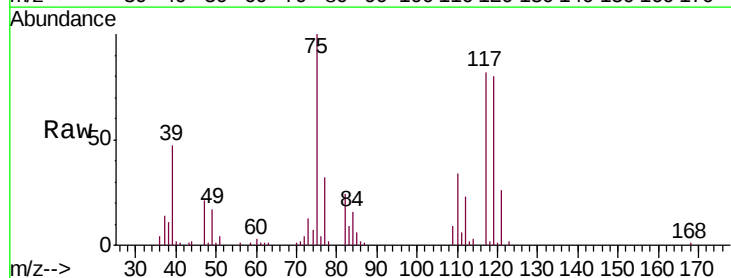
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

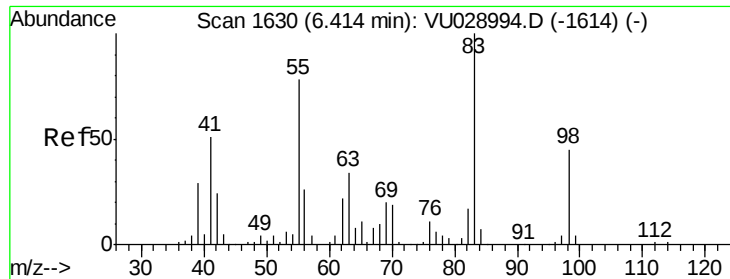
Tgt Ion: 43 Resp: 42203
Ion Ratio Lower Upper
43 100
61 15.7 12.6 18.8
70 11.1 9.3 13.9



#38
Carbon Tetrachloride
Concen: 19.953 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 117 Resp: 30658
Ion Ratio Lower Upper
117 100
119 97.8 74.6 111.8
121 31.7 25.0 37.6

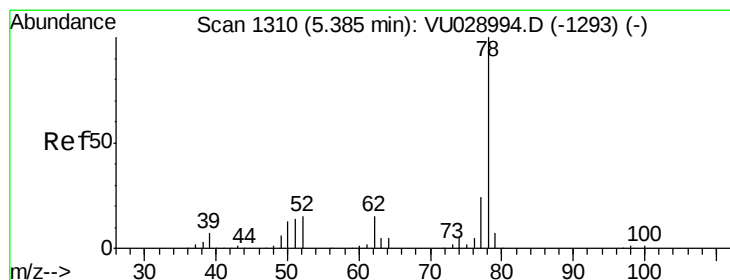
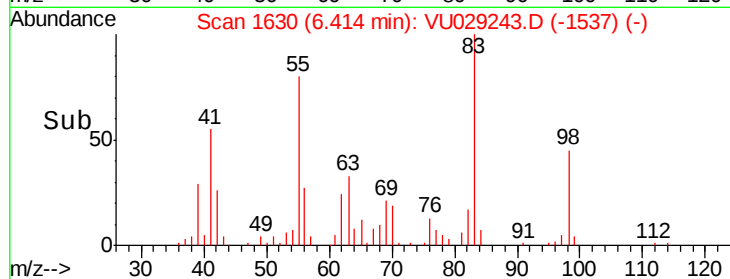
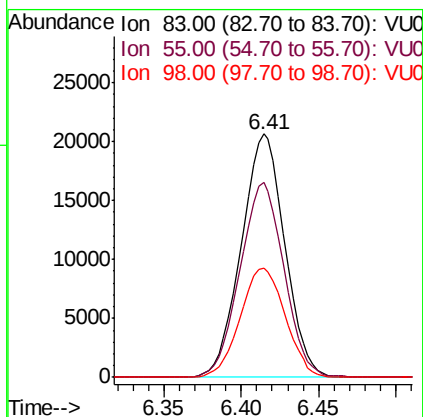
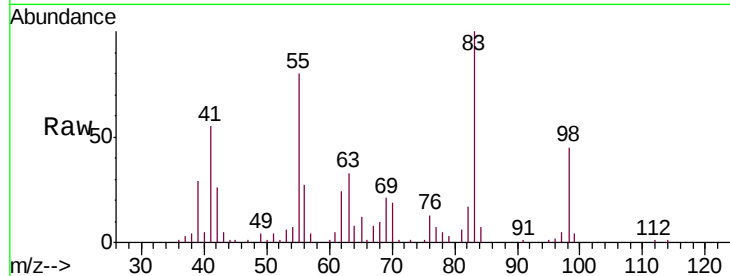




#39
Methylcyclohexane
Concen: 17.822 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

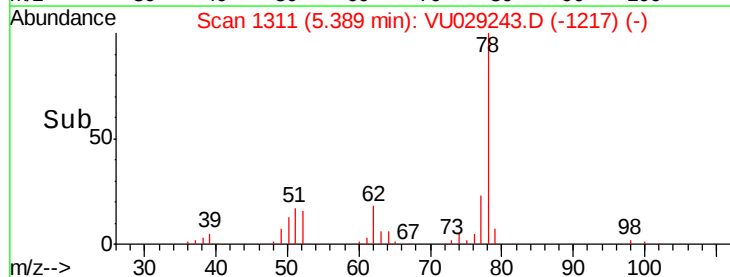
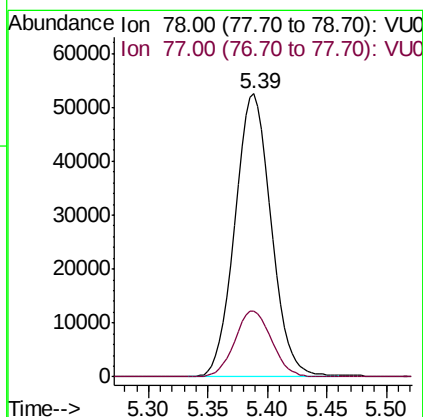
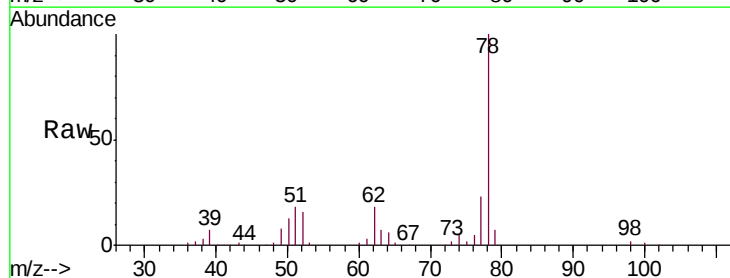
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

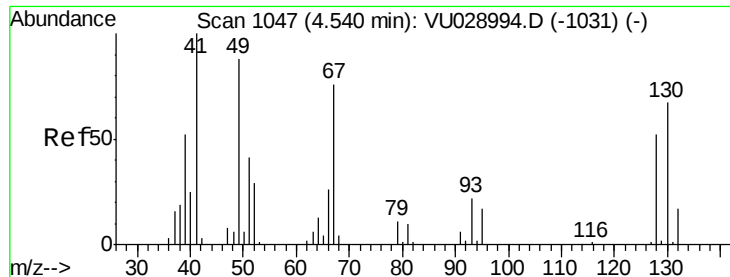
Tgt Ion: 83 Resp: 40363
Ion Ratio Lower Upper
83 100
55 80.3 62.4 93.6
98 44.8 36.2 54.2



#40
Benzene
Concen: 19.334 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 78 Resp: 111105
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

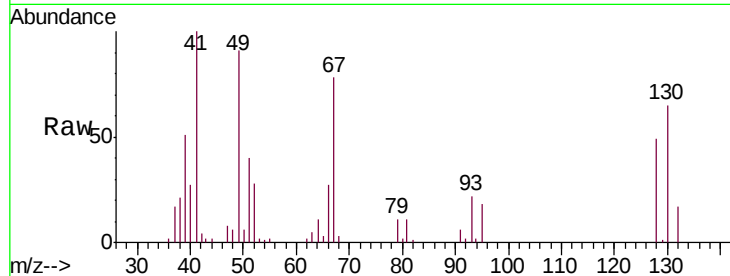




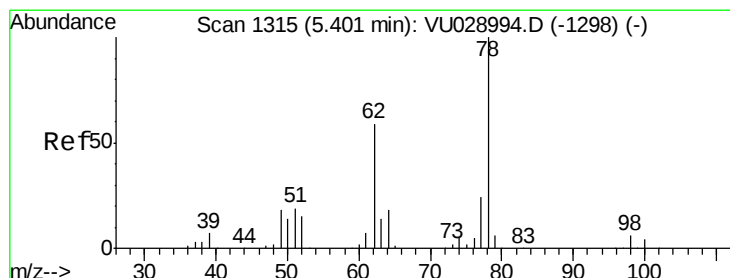
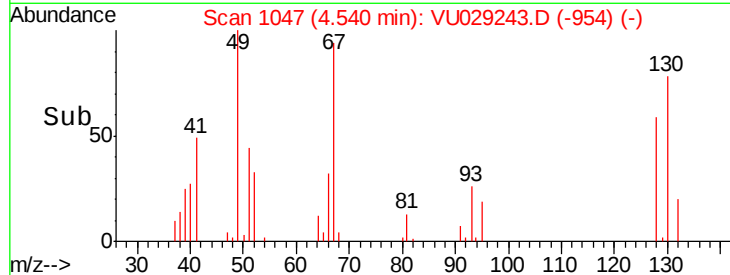
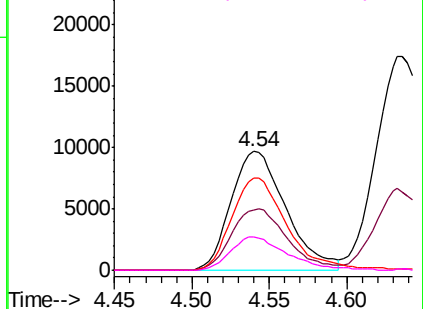
#41
Methacrylonitrile
Concen: 22.028 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion: 41 Resp: 23844
Ion Ratio Lower Upper
41 100
39 52.4 42.3 63.5
67 78.1 64.4 96.6
52 28.9 23.9 35.9

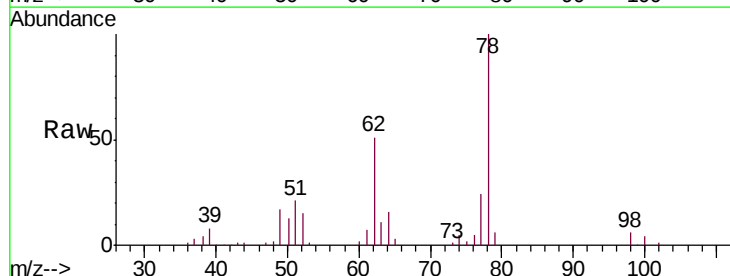


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

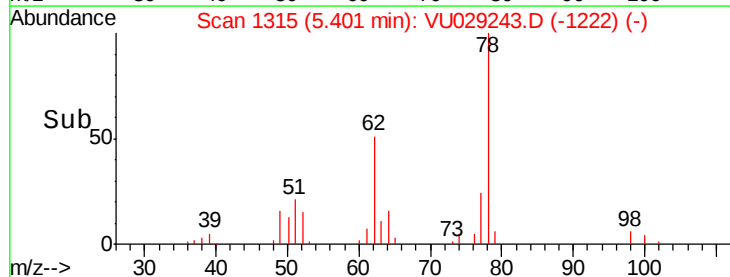
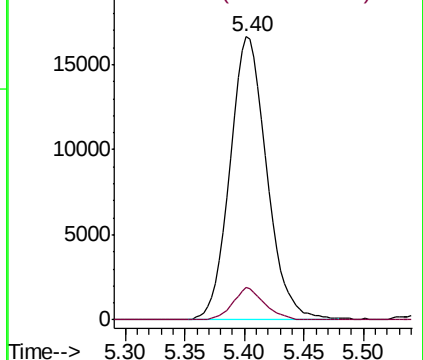


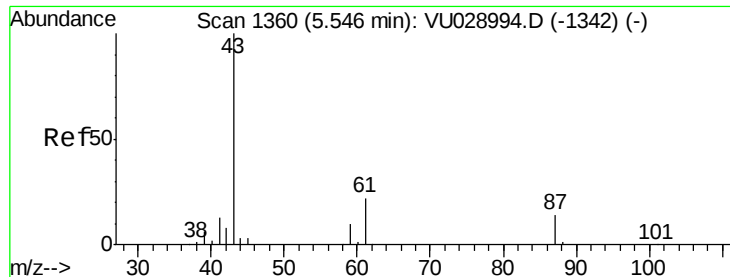
#42
1,2-Dichloroethane
Concen: 20.708 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 62 Resp: 35759
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 21.625 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

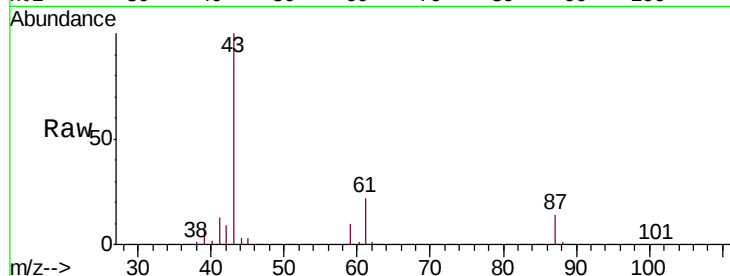
Tgt Ion: 43 Resp: 67080

Ion Ratio Lower Upper

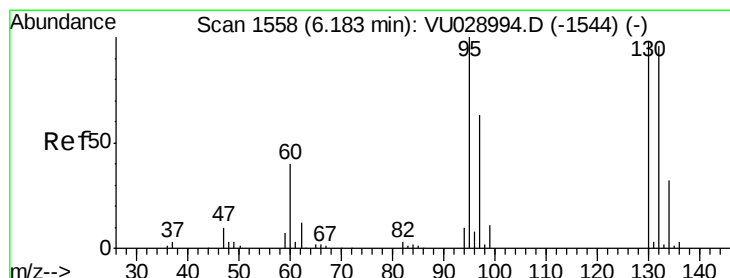
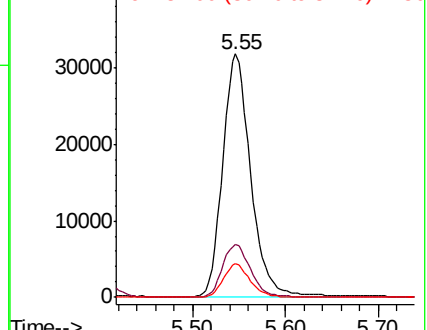
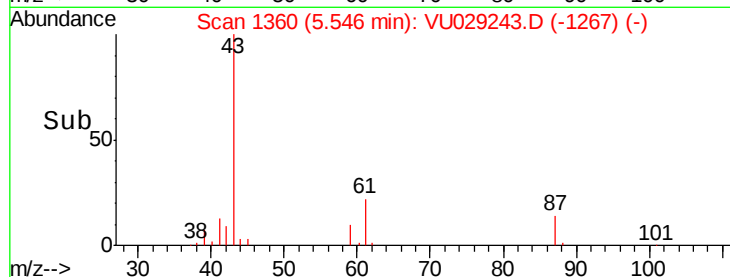
43 100

61 21.6 17.8 26.6

87 12.9 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029243.D (-1267) (-)



#44

Trichloroethene

Concen: 18.560 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU029243.D

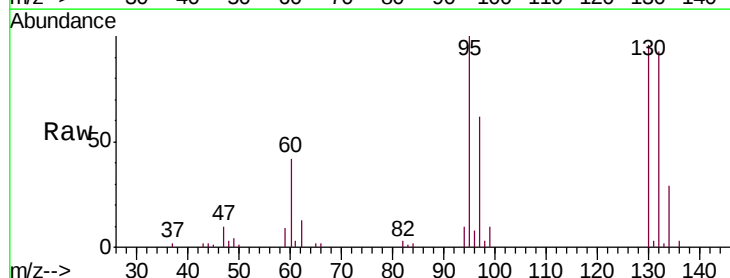
Acq: 21 Jan 2019 12:56

Tgt Ion:130 Resp: 26426

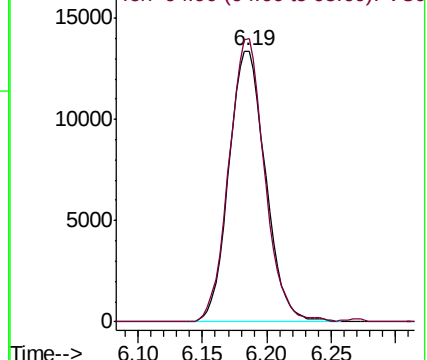
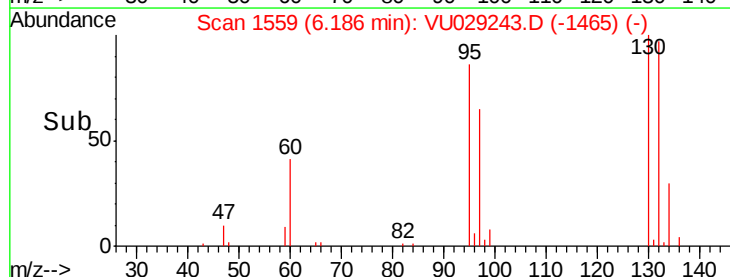
Ion Ratio Lower Upper

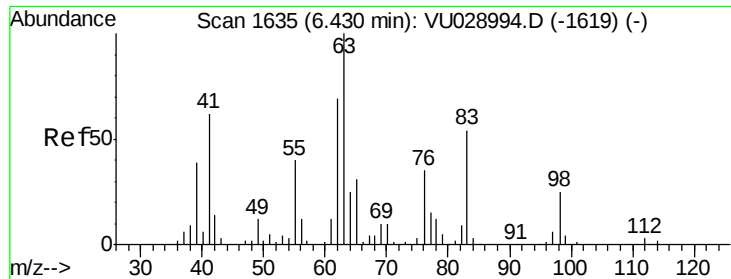
130 100

95 104.4 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU029243.D (-1465) (-)

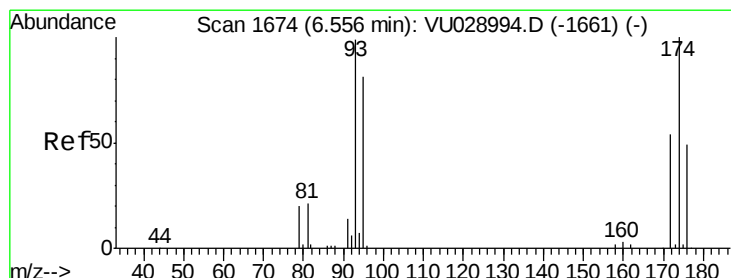
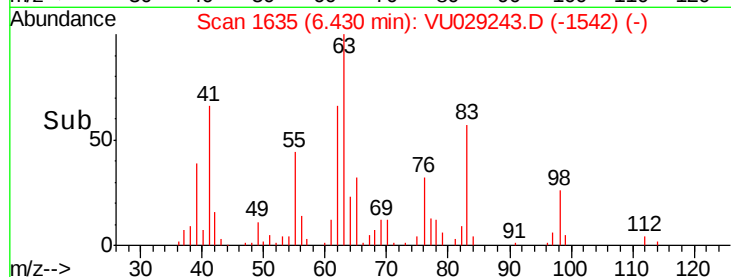
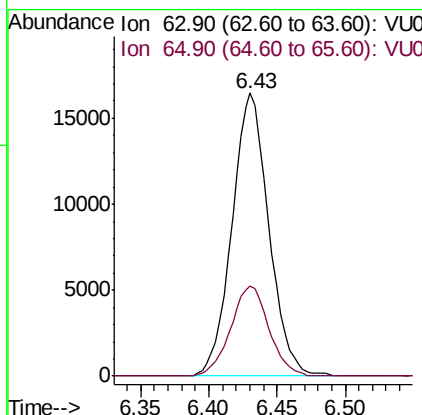
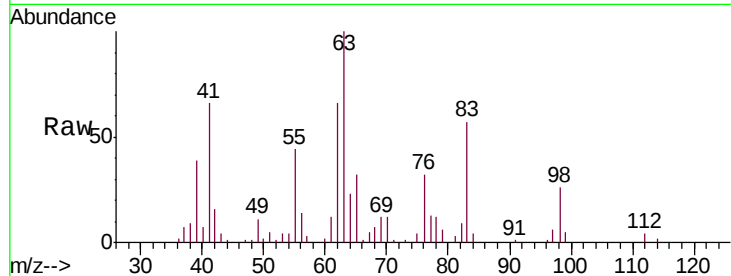




#45
 1,2-Dichloropropane
 Concen: 20.310 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

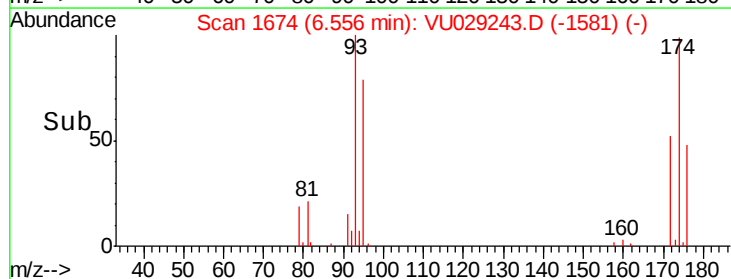
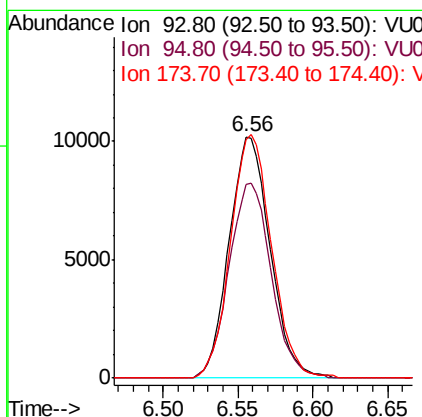
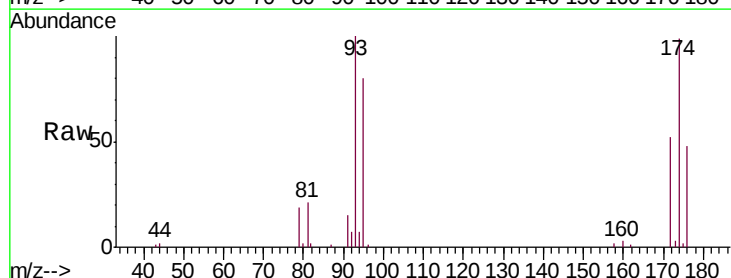
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

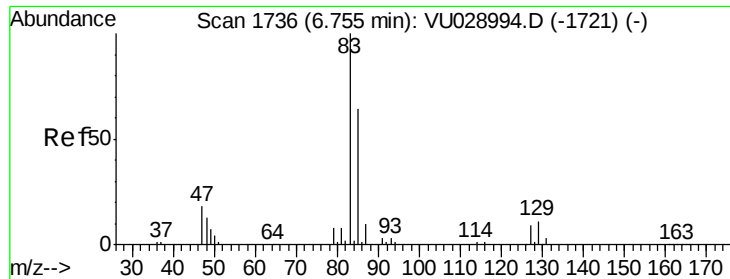
Tgt Ion: 63 Resp: 30821
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.1 37.7



#46
 Dibromomethane
 Concen: 20.043 ug/l
 RT: 6.56 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 93 Resp: 19444
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.2 100.8
 174 101.1 82.6 123.8





#47

Bromodichloromethane

Concen: 20.299 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

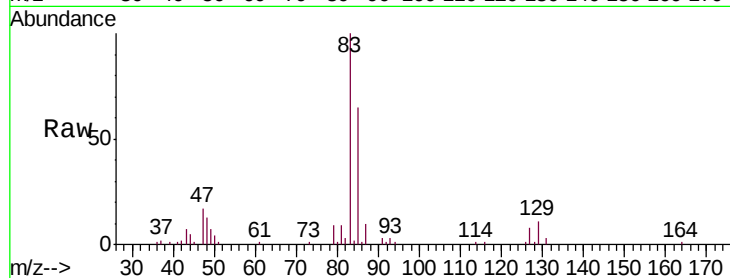
Tgt Ion: 83 Resp: 36257

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.2

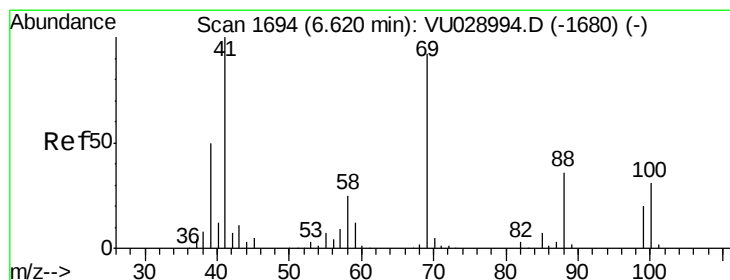
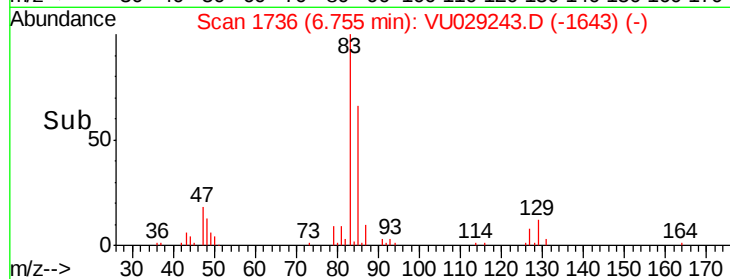
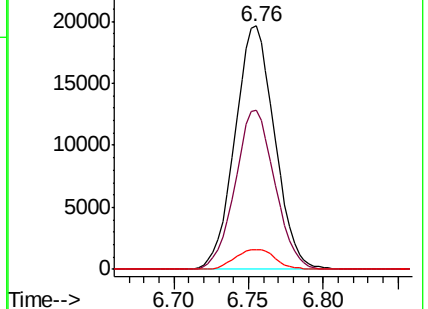
127 8.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): VU0



#48

Methyl methacrylate

Concen: 21.434 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

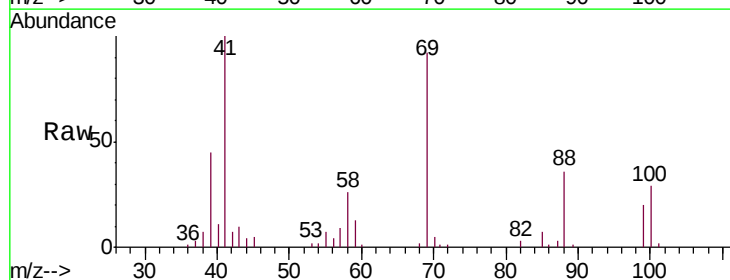
Tgt Ion: 41 Resp: 32376

Ion Ratio Lower Upper

41 100

69 91.0 73.6 110.4

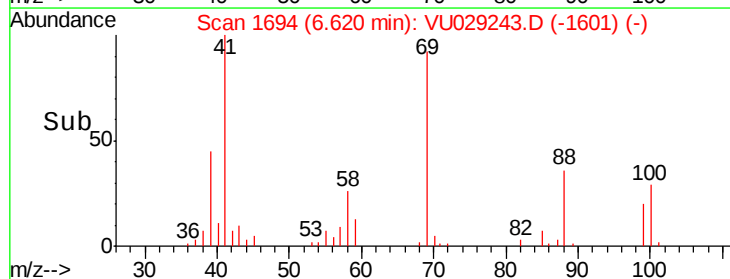
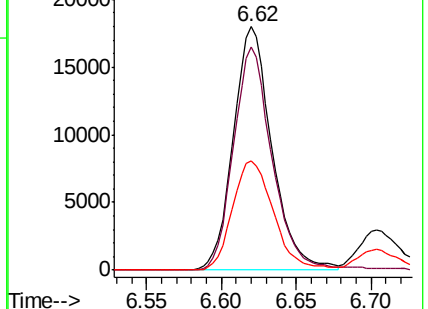
39 47.4 39.6 59.4

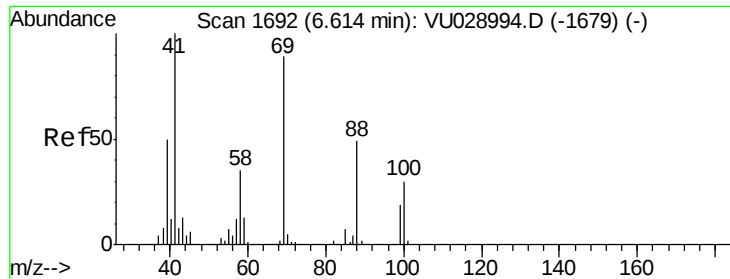


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

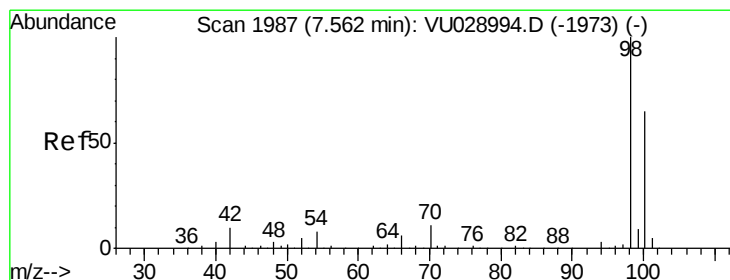
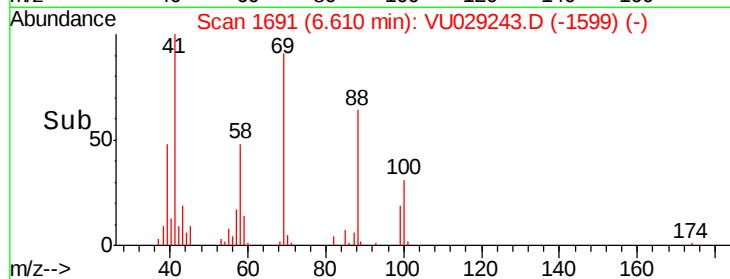
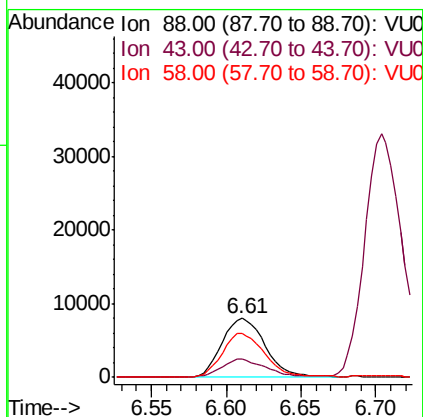
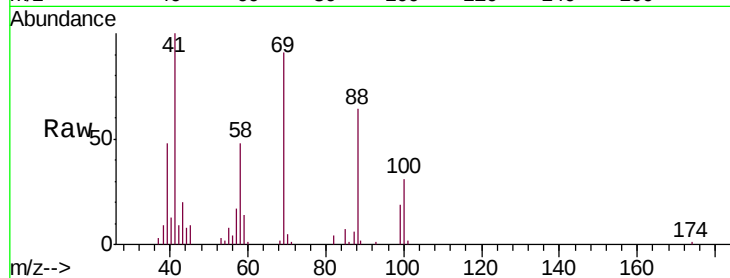




#49
1,4-Dioxane
Concen: 453.800 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

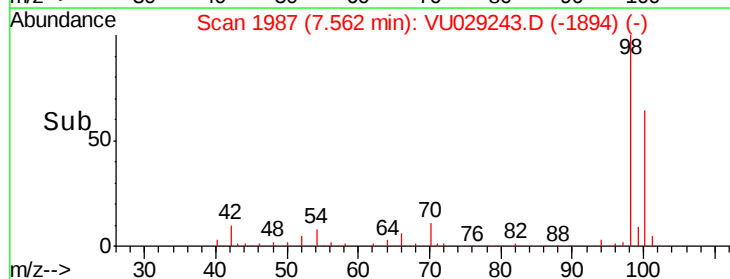
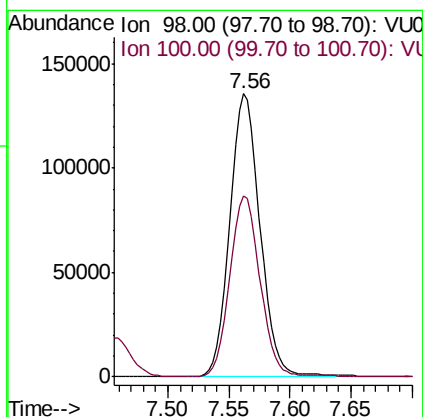
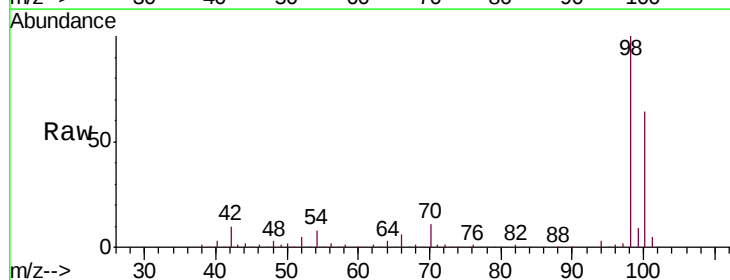
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

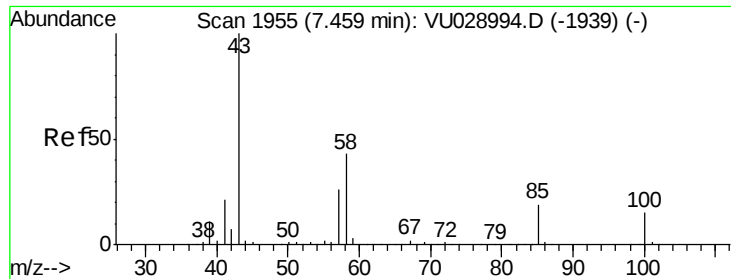
Tgt Ion: 88 Resp: 16244
Ion Ratio Lower Upper
88 100
43 32.2 23.0 34.4
58 72.3 57.9 86.9



#50
Toluene-d8
Concen: 49.696 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 98 Resp: 234403
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

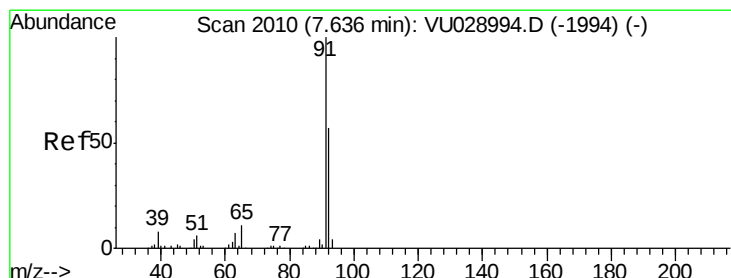
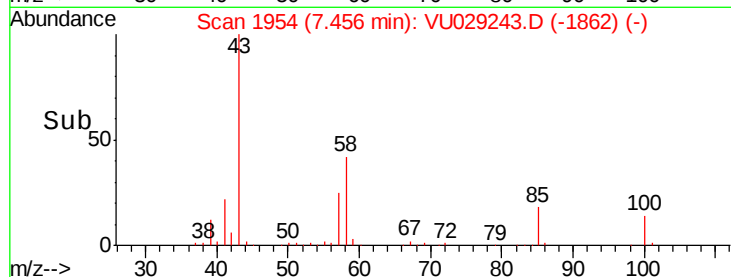
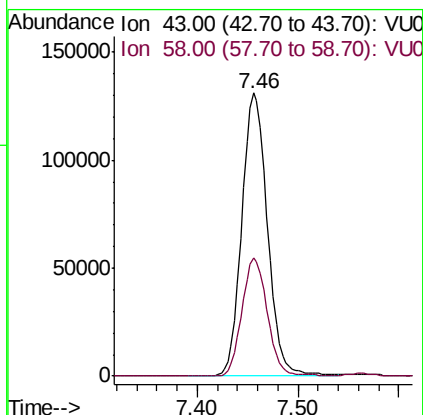
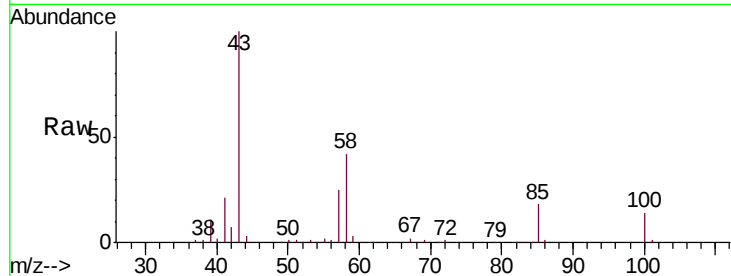




#51
 4-Methyl-2-Pentanone
 Concen: 109.079 ug/l
 RT: 7.46 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

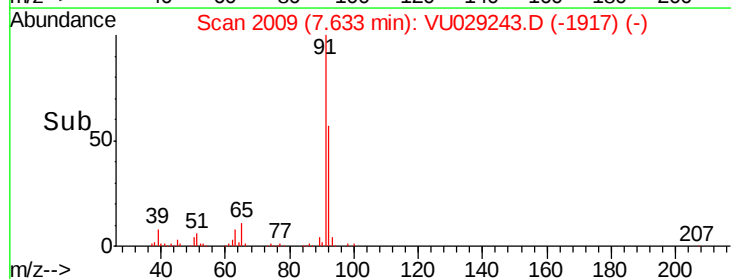
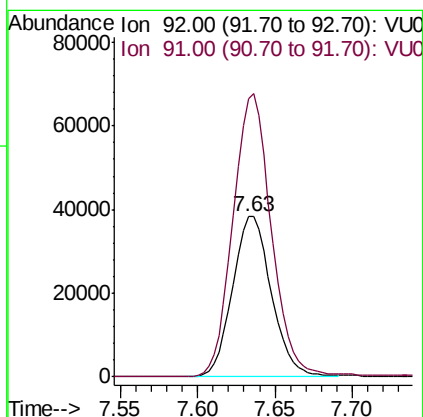
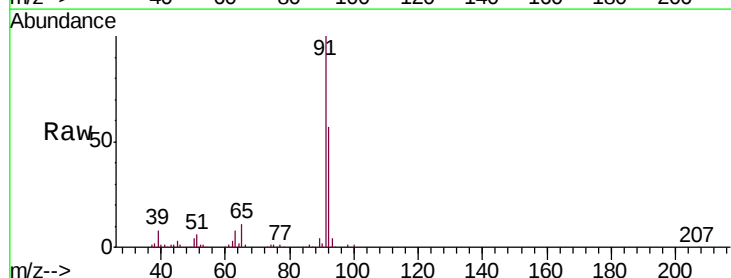
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

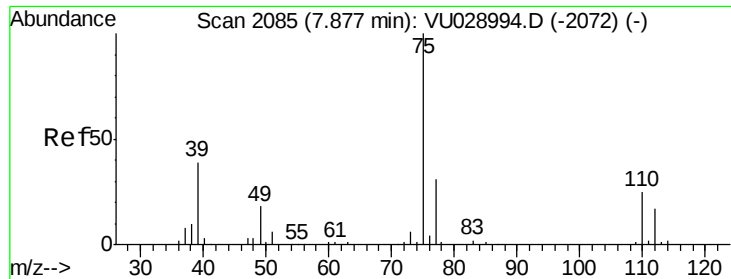
Tgt Ion: 43 Resp: 230279
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.9 50.9



#52
 Toluene
 Concen: 19.137 ug/l
 RT: 7.63 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 92 Resp: 66947
 Ion Ratio Lower Upper
 92 100
 91 175.4 139.8 209.8





#53

t-1,3-Dichloropropene

Concen: 19.684 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

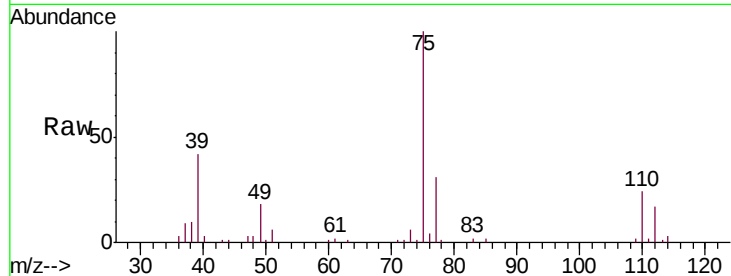
VU0121WBS01

Tgt Ion: 75 Resp: 42234

Ion Ratio Lower Upper

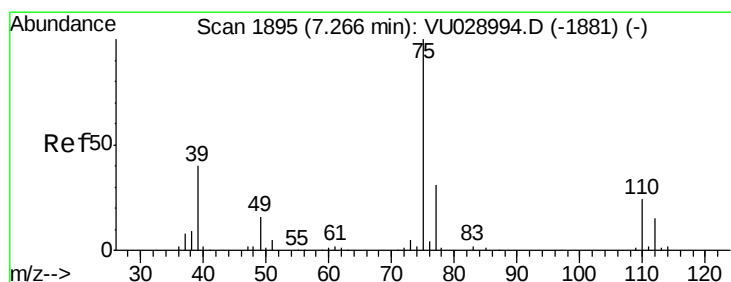
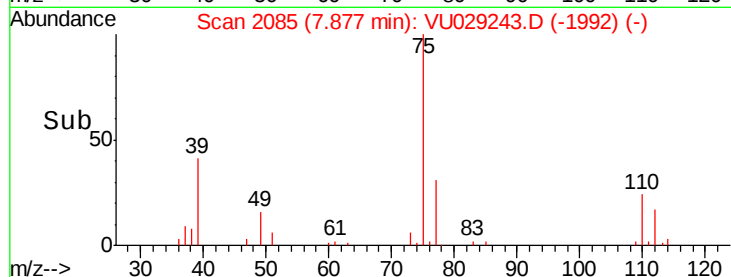
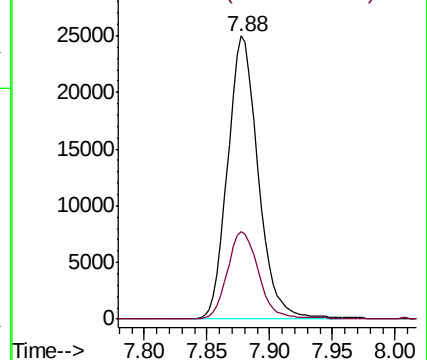
75 100

77 31.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.708 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

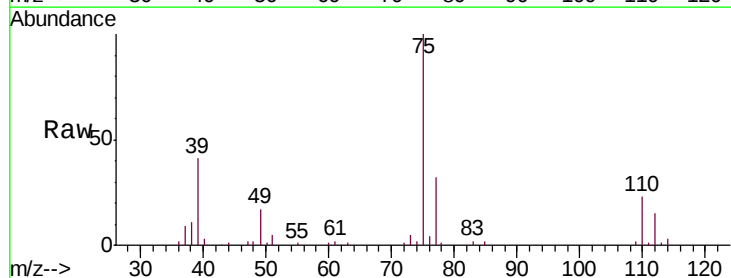
Tgt Ion: 75 Resp: 45693

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

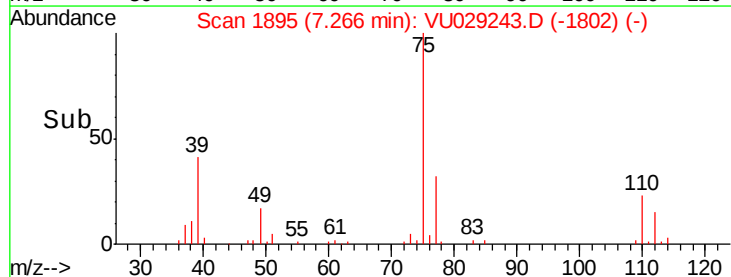
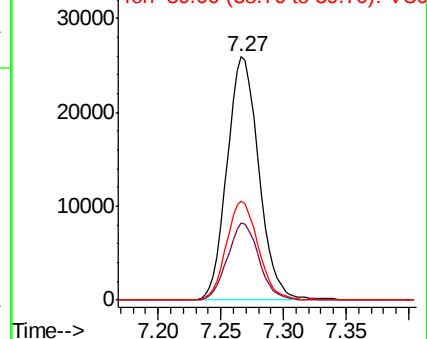
39 40.6 32.2 48.4

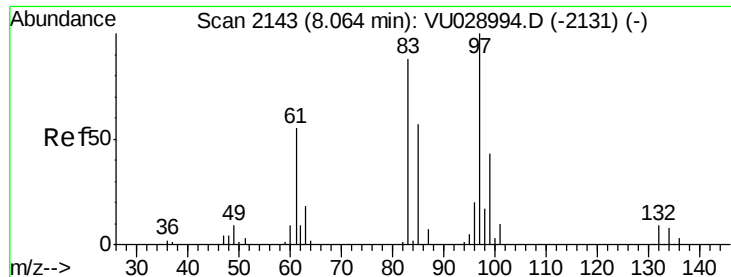


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

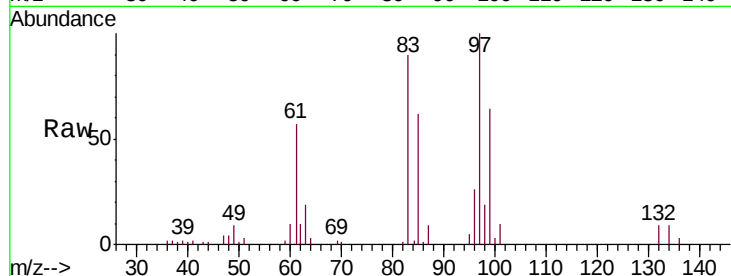




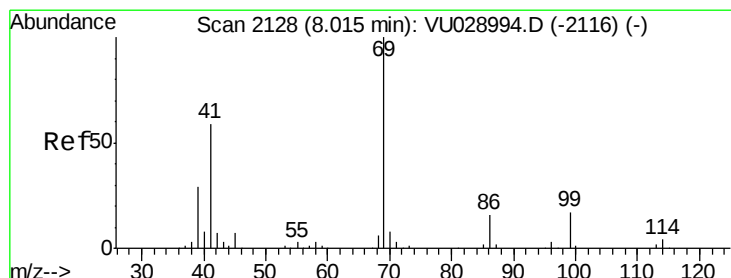
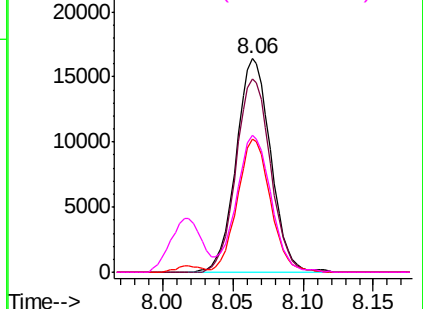
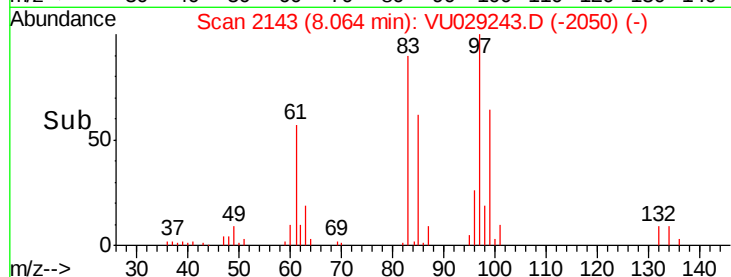
#55
 1,1,2-Trichloroethane
 Concen: 20.143 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

Tgt Ion: 97 Resp: 28230
 Ion Ratio Lower Upper
 97 100
 83 90.5 69.8 104.8
 85 62.1 47.3 70.9
 99 63.9 49.7 74.5

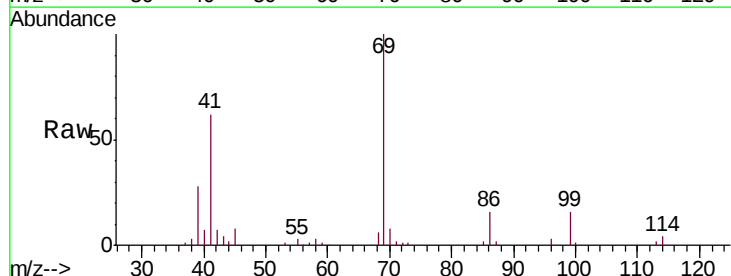


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

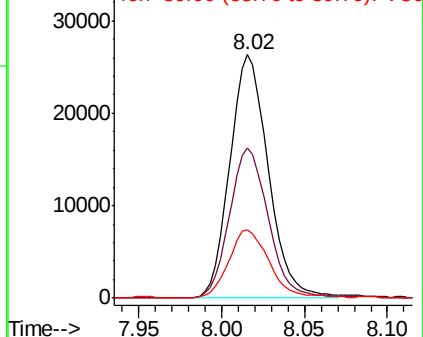
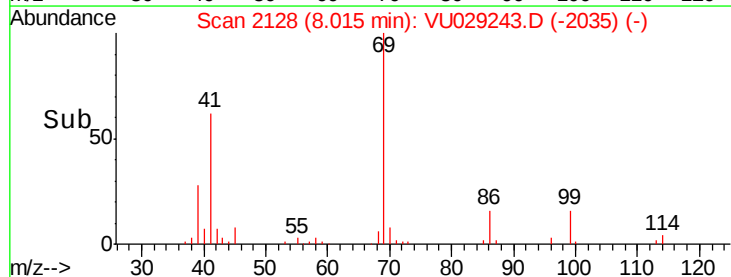


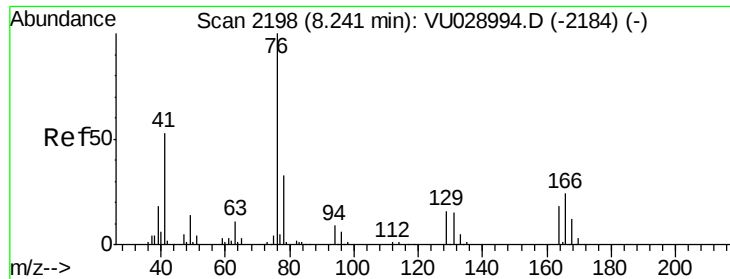
#56
 Ethyl methacrylate
 Concen: 19.681 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 69 Resp: 42495
 Ion Ratio Lower Upper
 69 100
 41 62.6 47.5 71.3
 39 29.9 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: 20.007 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

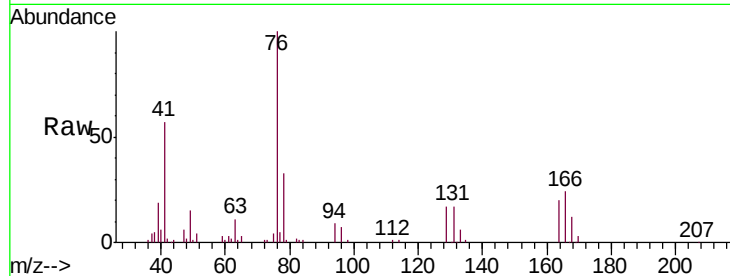
VU0121WBS01

Tgt Ion: 76 Resp: 47978

Ion Ratio Lower Upper

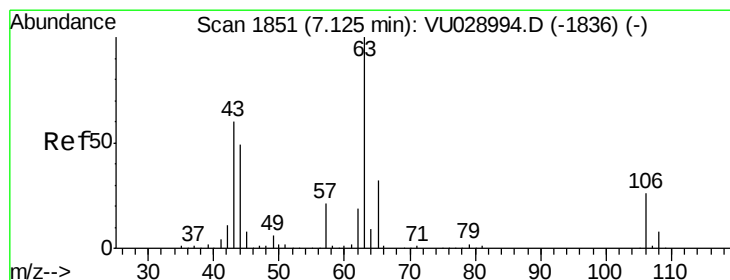
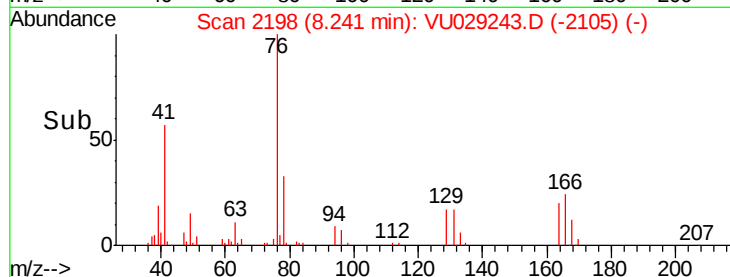
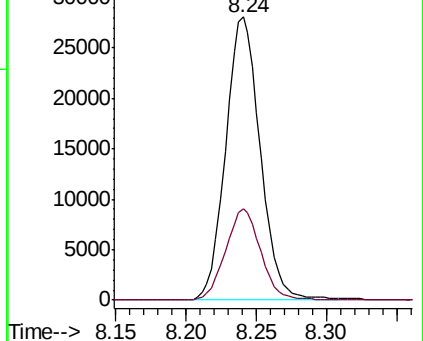
76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 99.087 ug/l

RT: 7.12 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VU029243.D

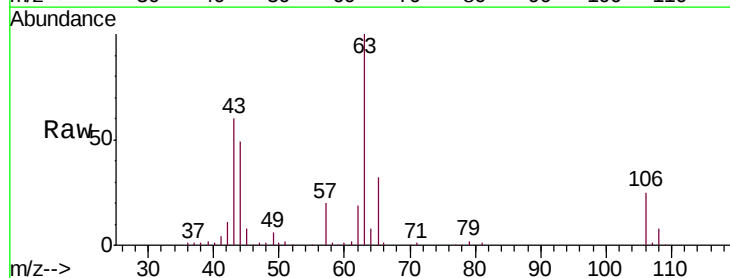
Acq: 21 Jan 2019 12:56

Tgt Ion: 63 Resp: 94088

Ion Ratio Lower Upper

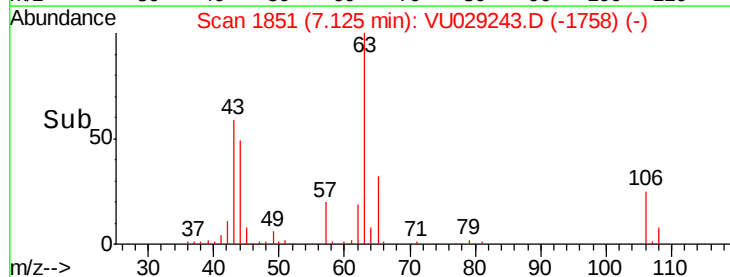
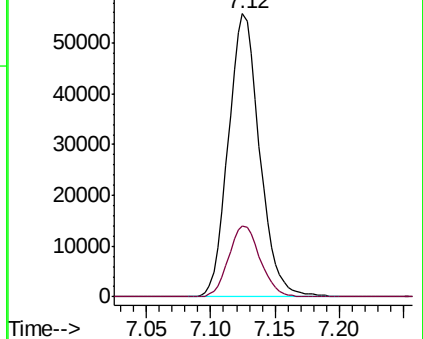
63 100

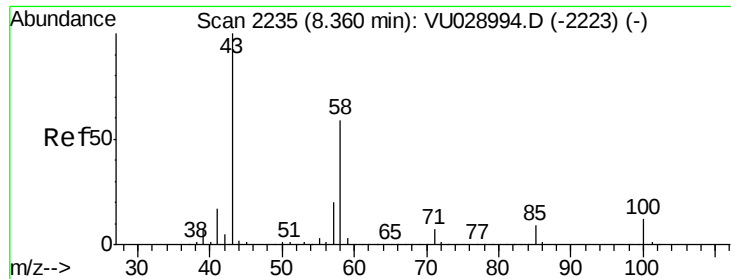
106 25.3 20.6 31.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

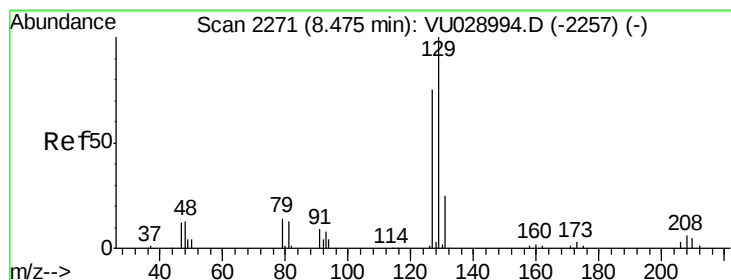
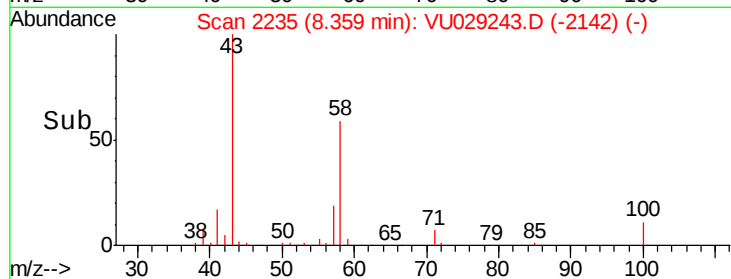
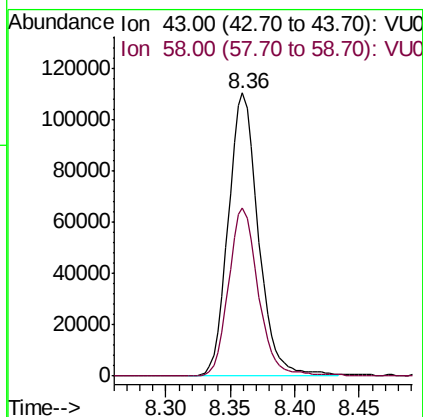
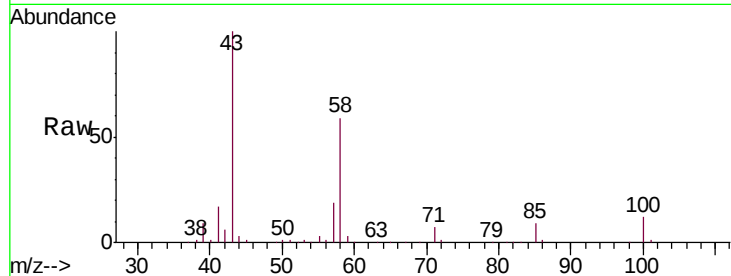




#59
2-Hexanone
Concen: 108.240 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

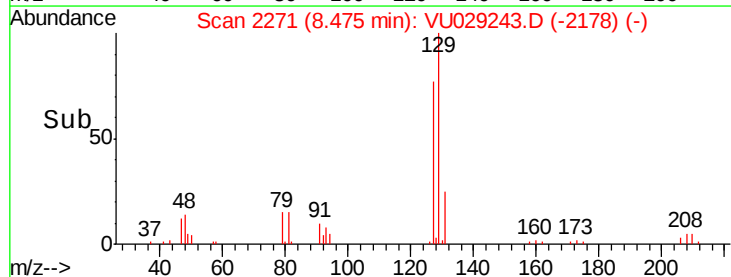
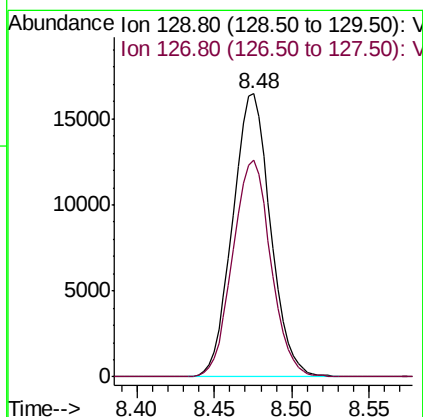
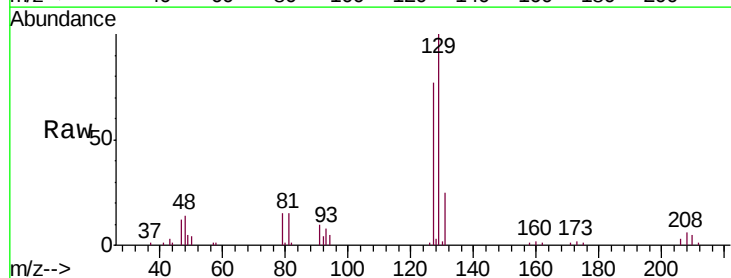
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

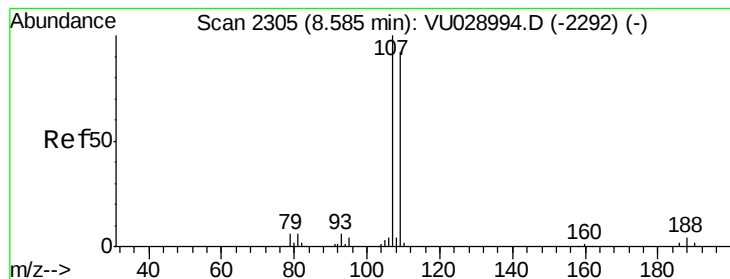
Tgt Ion: 43 Resp: 179369
Ion Ratio Lower Upper
43 100
58 59.3 29.8 89.4



#60
Dibromochloromethane
Concen: 20.133 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 129 Resp: 27954
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.0





#61

1,2-Dibromoethane

Concen: 19.490 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

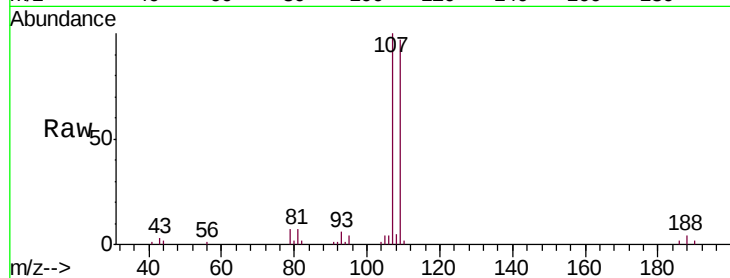
VU0121WBS01

Tgt Ion: 107 Resp: 29625

Ion Ratio Lower Upper

107 100

109 94.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

20000

15000

10000

5000

0

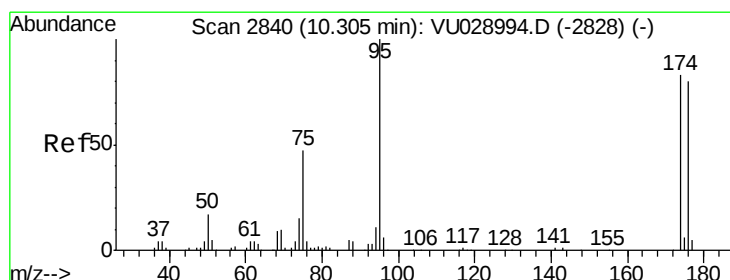
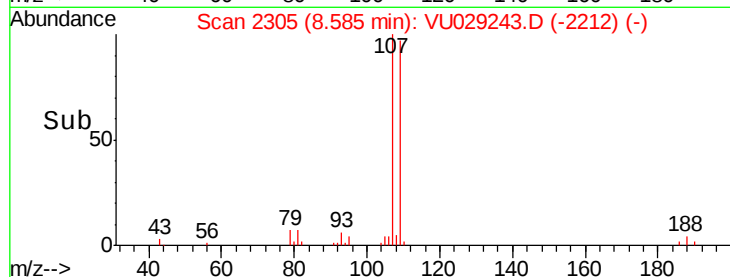
8.50

8.55

8.60

8.65

Time-->



#62

4-Bromofluorobenzene

Concen: 49.047 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

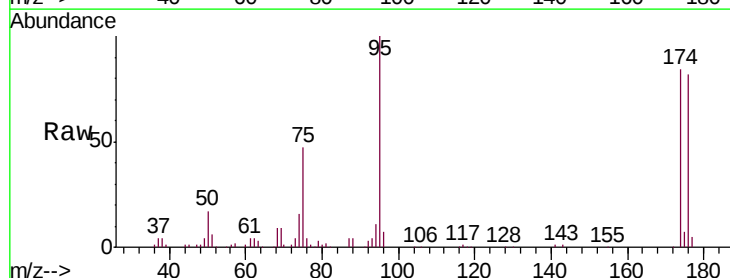
Tgt Ion: 95 Resp: 83140

Ion Ratio Lower Upper

95 100

174 84.1 0.0 170.6

176 81.2 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

40000

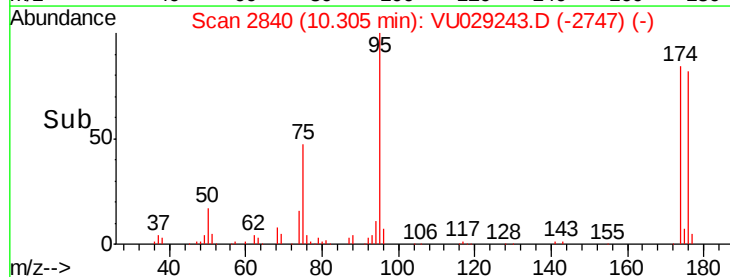
20000

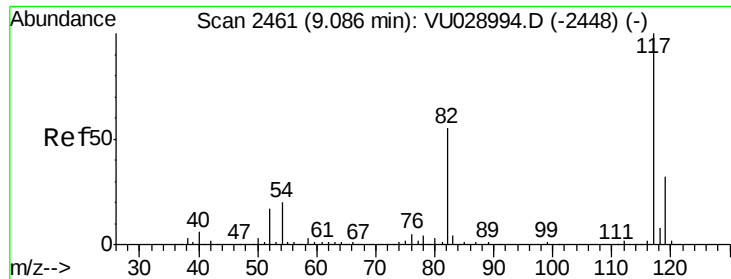
0

10.30

10.40

Time-->

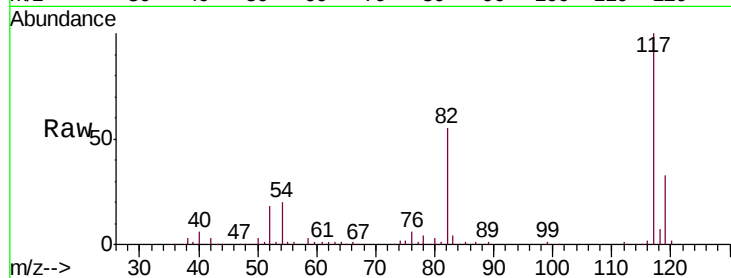




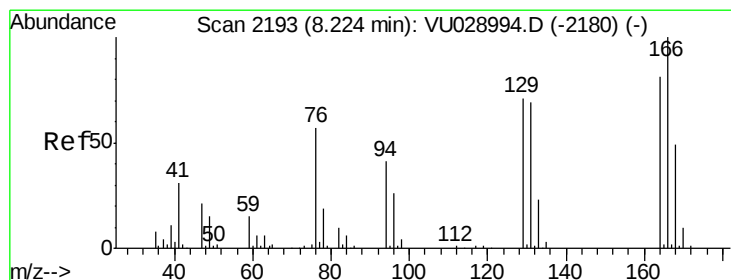
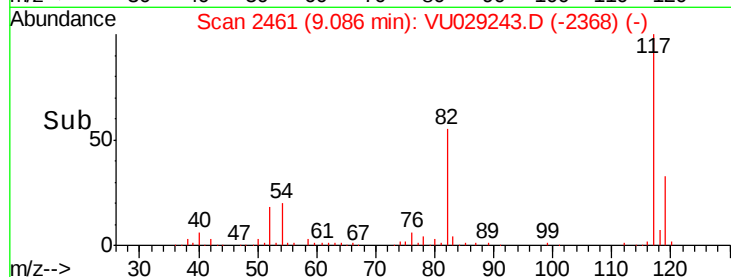
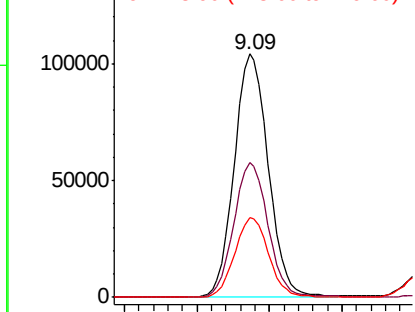
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion:117 Resp: 170521
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 32.5 26.0 39.0

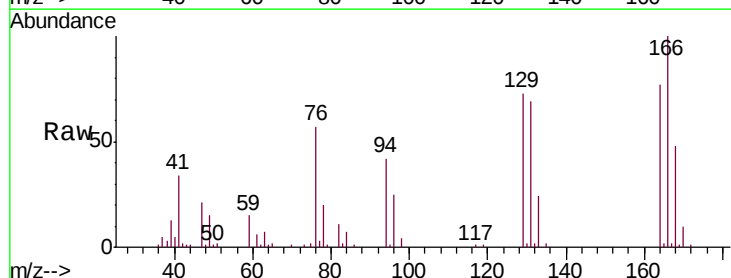


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

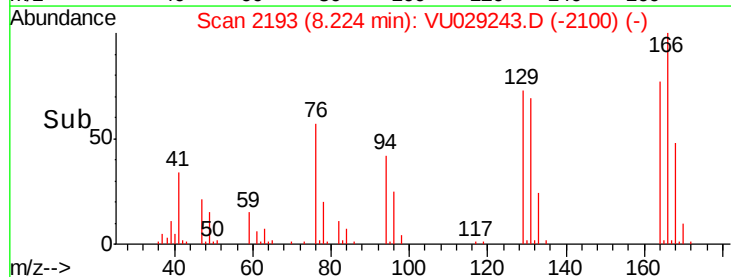
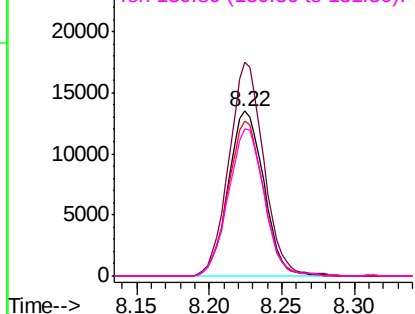


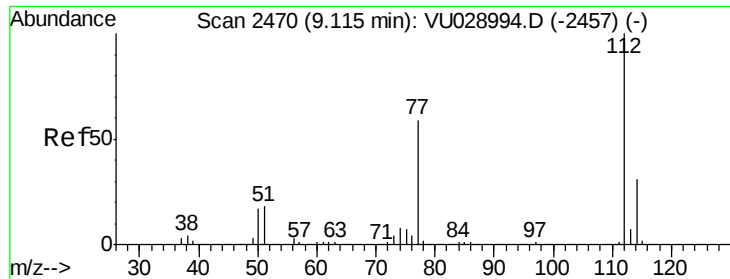
#64
Tetrachloroethene
Concen: 18.697 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion:164 Resp: 22966
Ion Ratio Lower Upper
164 100
166 129.8 99.4 149.0
129 94.1 70.5 105.7
131 89.1 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

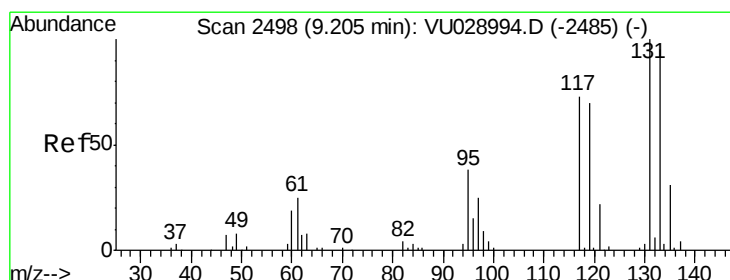
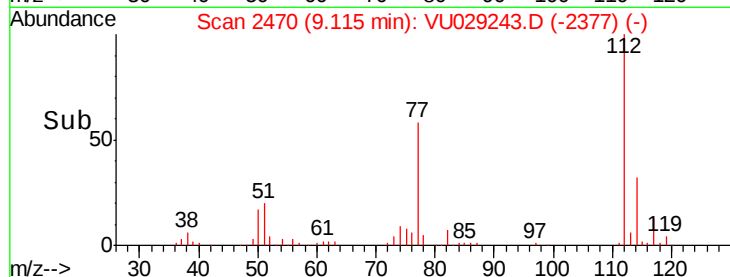
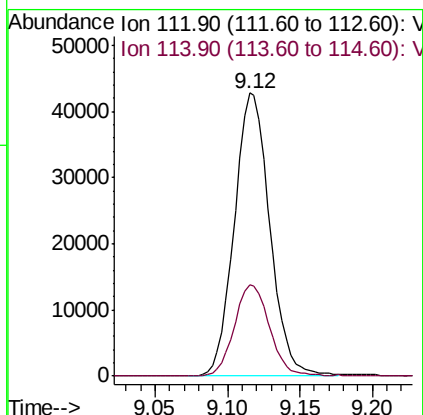
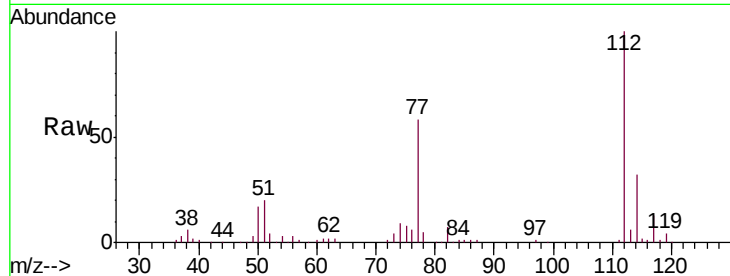




#65
Chlorobenzene
Concen: 19.052 ug/l
RT: 9.12 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

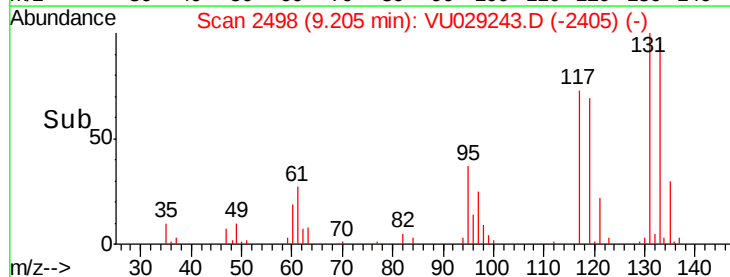
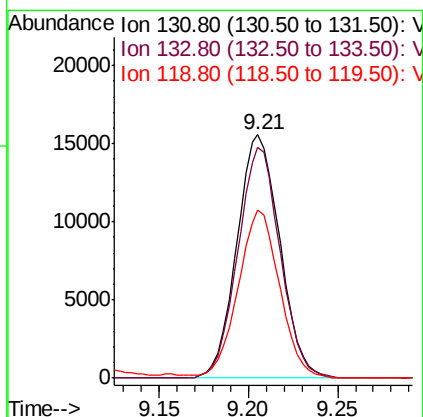
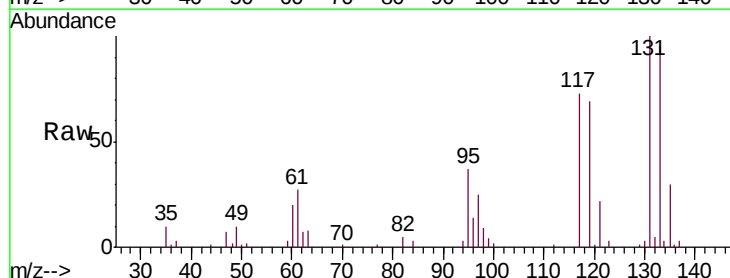
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

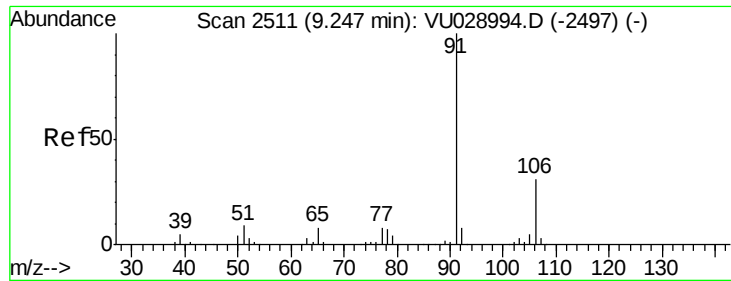
Tgt Ion:112 Resp: 72822
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.039 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion:131 Resp: 26097
Ion Ratio Lower Upper
131 100
133 93.9 48.2 144.6
119 67.2 35.4 106.3





#67

Ethyl Benzene

Concen: 19.481 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

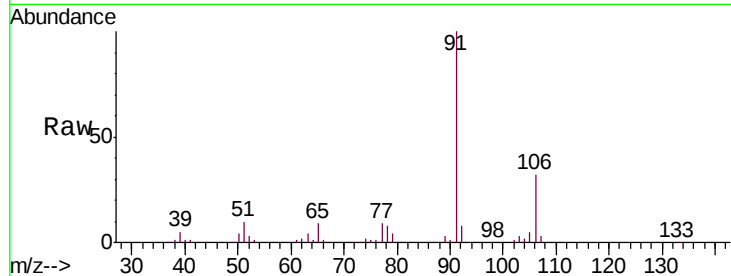
VU0121WBS01

Tgt Ion: 91 Resp: 124316

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2497) (-)

Ion 106.00 (105.70 to 106.70): VU028994.D (-2497) (-)

100000

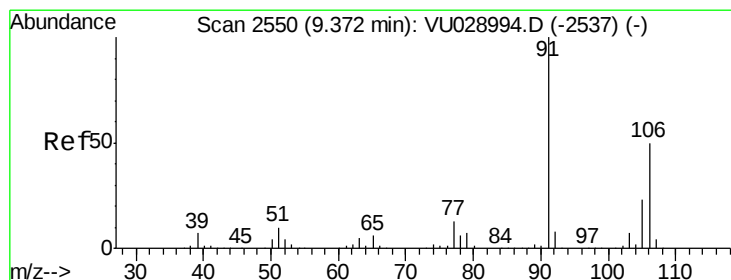
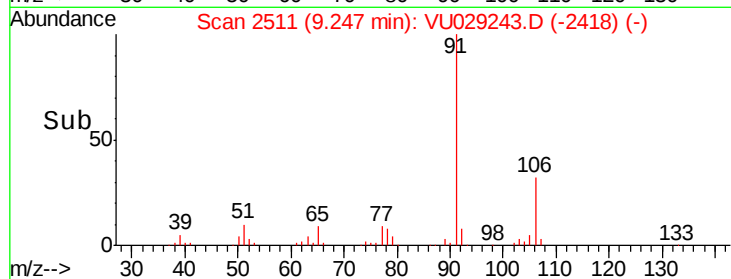
50000

0

9.25

9.35

Time-->



#68

m/p-Xylenes

Concen: 37.372 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU029243.D

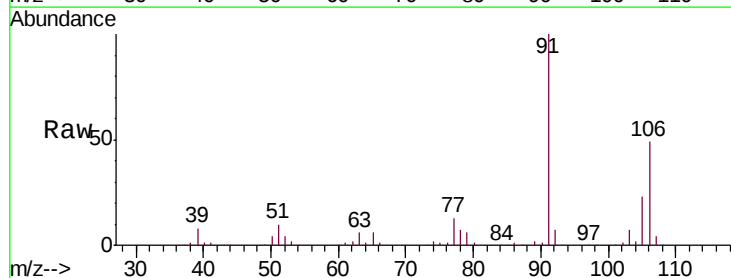
Acq: 21 Jan 2019 12:56

Tgt Ion: 106 Resp: 92666

Ion Ratio Lower Upper

106 100

91 207.0 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VU028994.D (-2537) (-)

Ion 91.00 (90.70 to 91.70): VU028994.D (-2537) (-)

100000

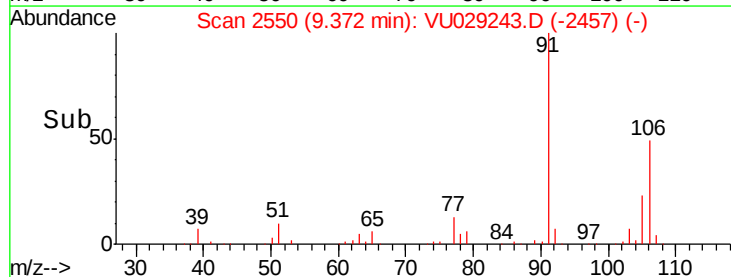
50000

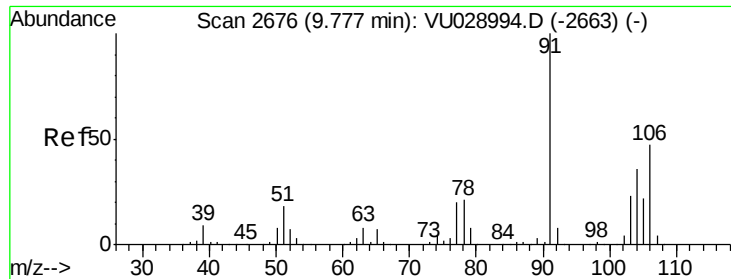
0

9.37

9.45

Time-->

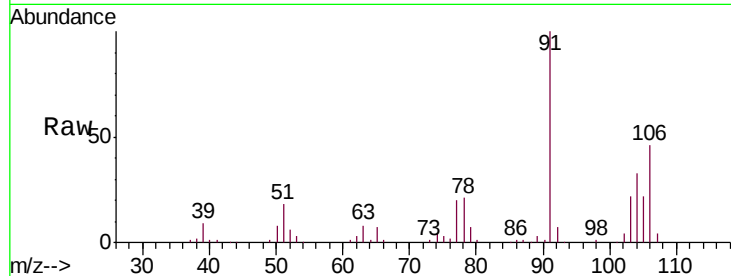




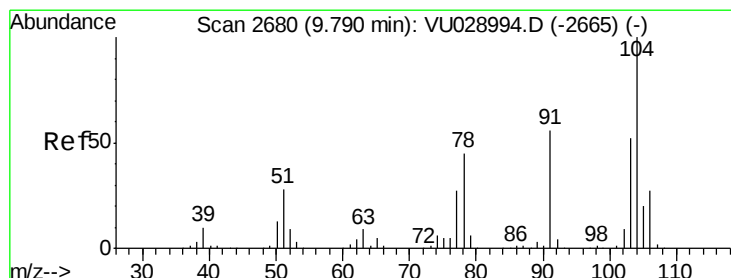
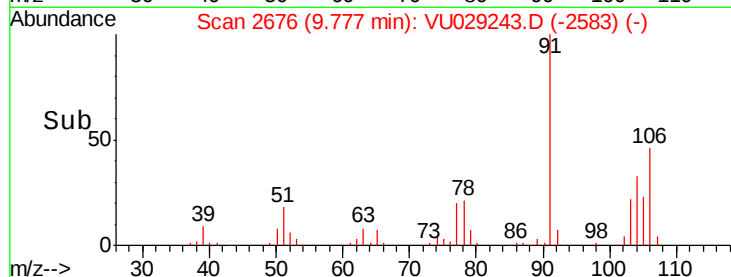
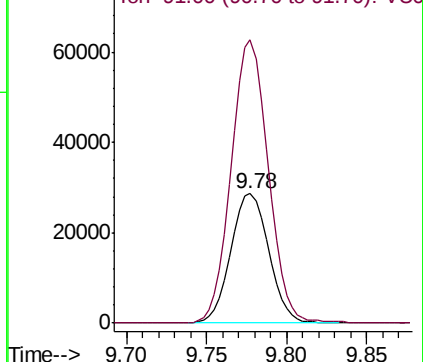
#69
o-Xylene
Concen: 19.436 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion:106 Resp: 46436
Ion Ratio Lower Upper
106 100
91 213.2 106.1 318.3

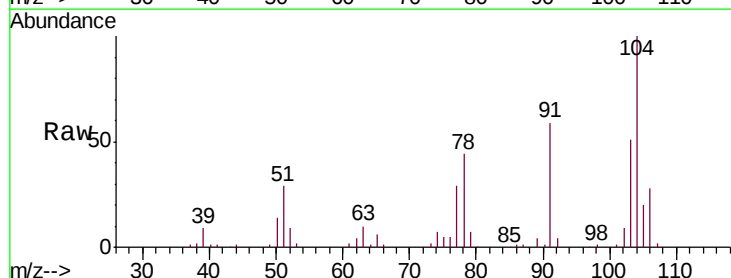


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

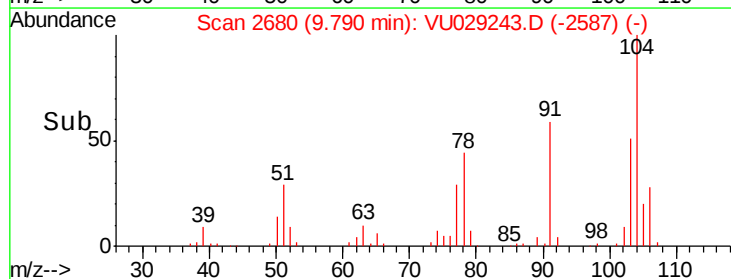
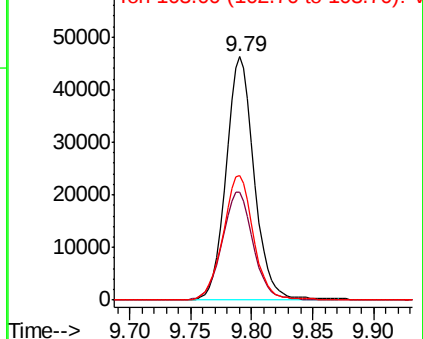


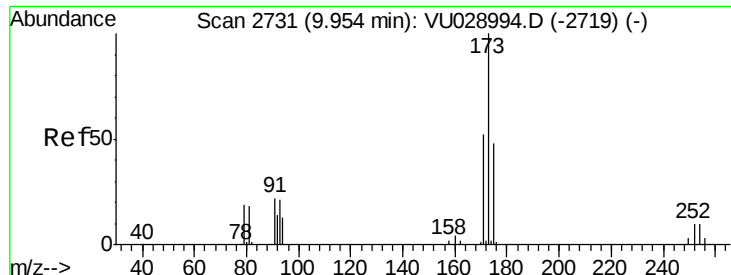
#70
Styrene
Concen: 19.162 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion:104 Resp: 75048
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 55.0 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

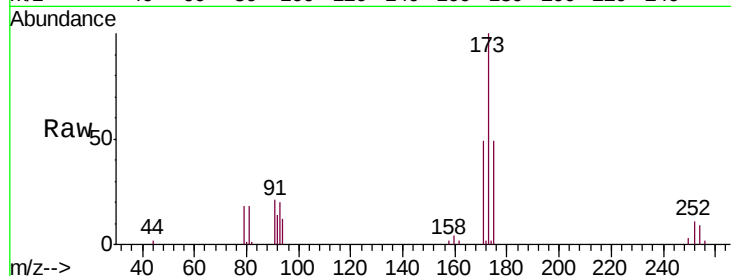




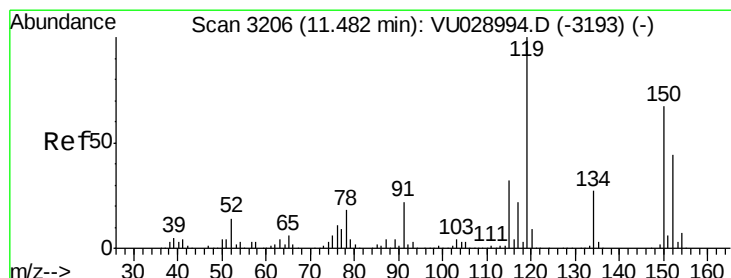
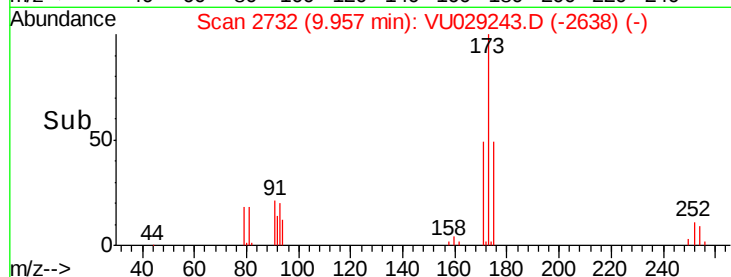
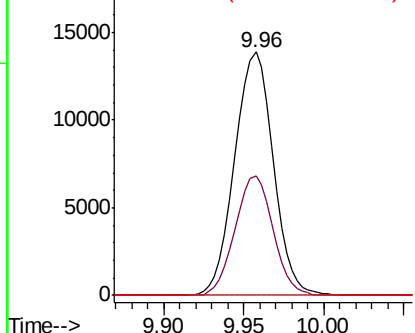
#71
Bromoform
Concen: 20.690 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion:173 Resp: 22852
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.2
254 0.0 0.0 0.0

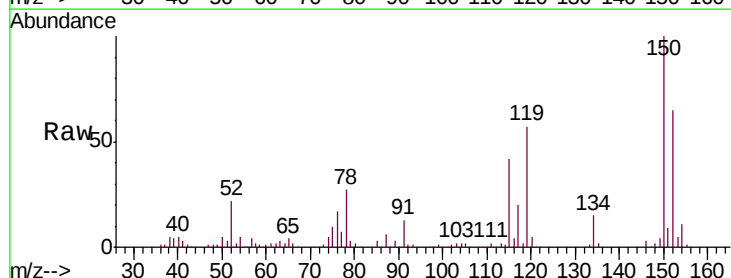


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

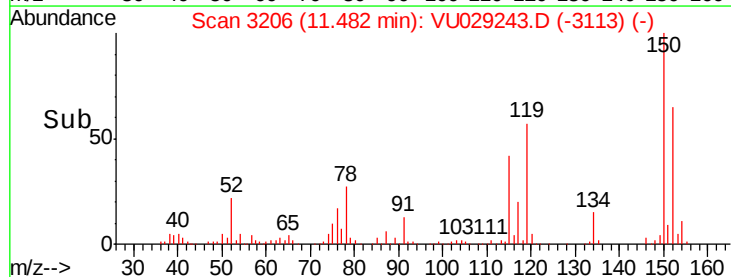
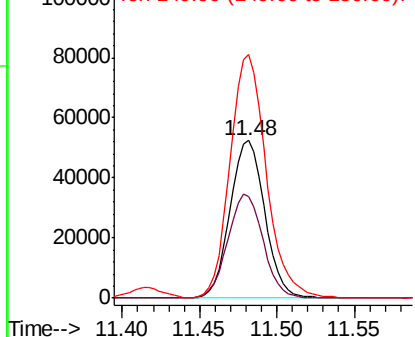


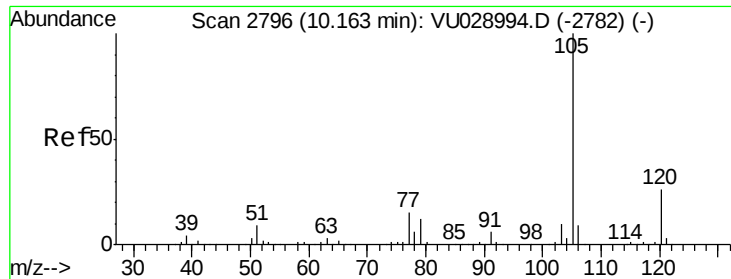
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion:152 Resp: 81482
Ion Ratio Lower Upper
152 100
115 66.9 40.1 120.3
150 162.1 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: 20.312 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

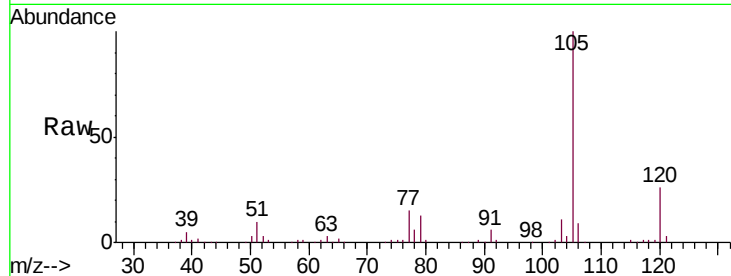
VU0121WBS01

Tgt Ion: 105 Resp: 122502

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

80000

60000

40000

20000

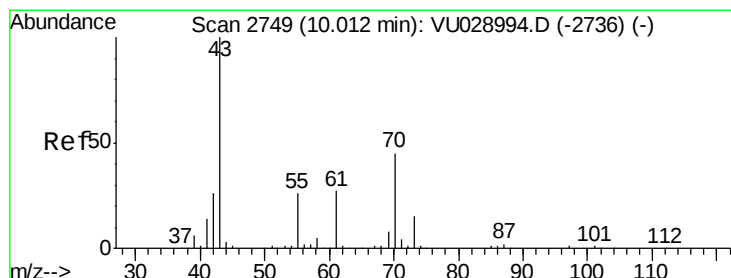
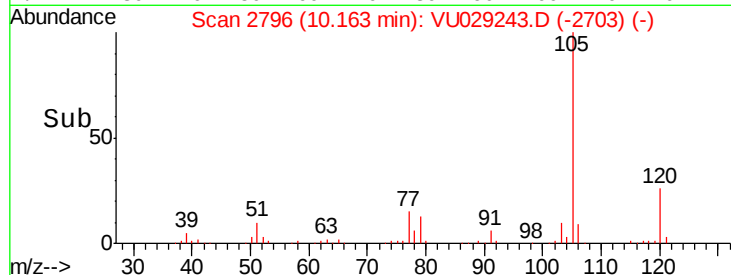
0

10.10

10.16

10.20

Time-->



#74

N-ethyl acetate

Concen: 21.075 ug/l

RT: 10.01 min Scan# 2748

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Tgt Ion: 43 Resp: 54771

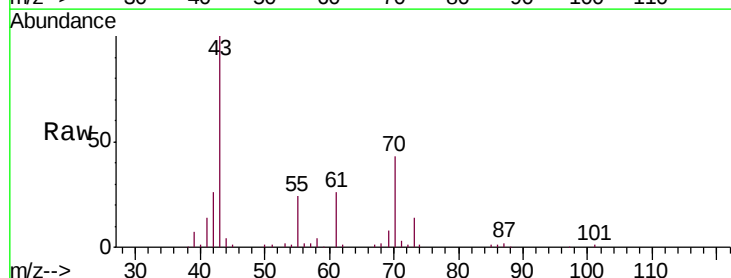
Ion Ratio Lower Upper

43 100

70 43.6 36.3 54.5

55 25.0 20.5 30.7

61 26.2 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

50000

40000

30000

20000

10000

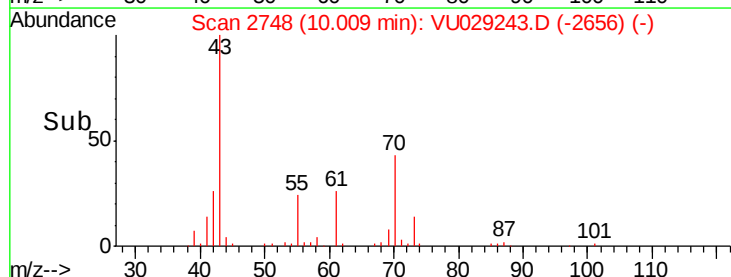
0

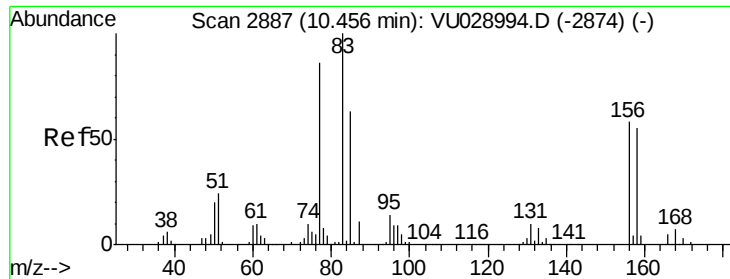
10.00

10.01

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.185 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

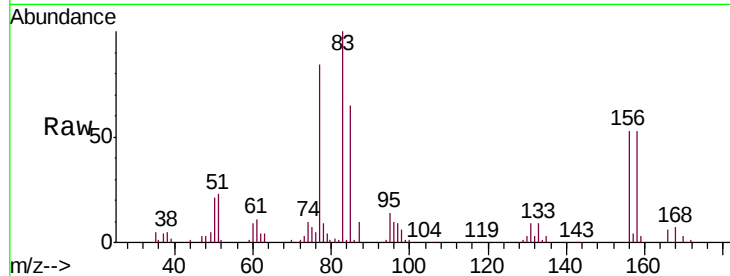
Tgt Ion: 83 Resp: 51209

Ion Ratio Lower Upper

83 100

131 8.6 4.7 14.1

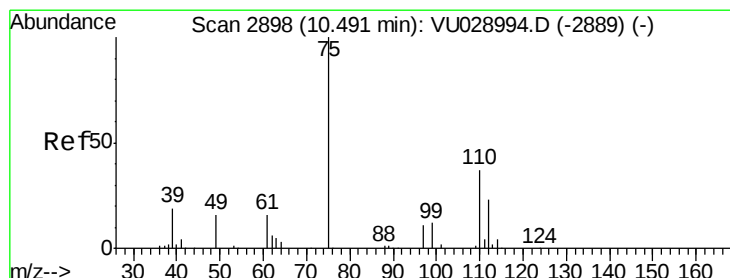
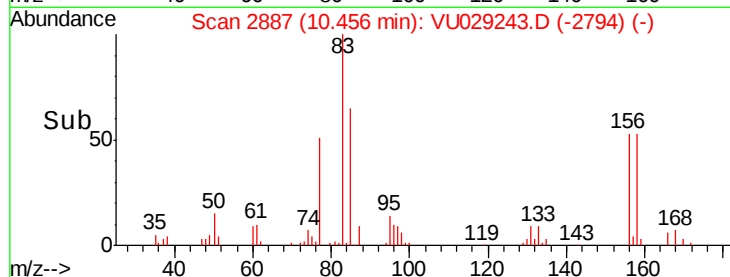
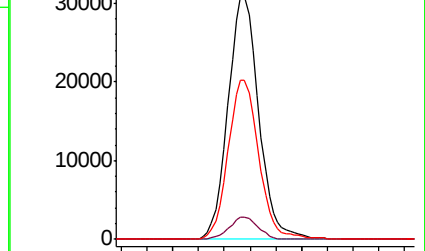
85 65.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 29.493 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU029243.D

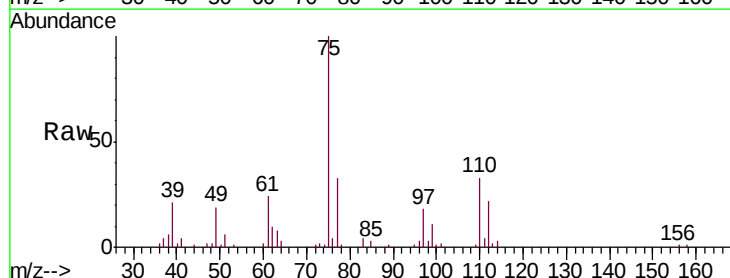
Acq: 21 Jan 2019 12:56

Tgt Ion: 75 Resp: 58881

Ion Ratio Lower Upper

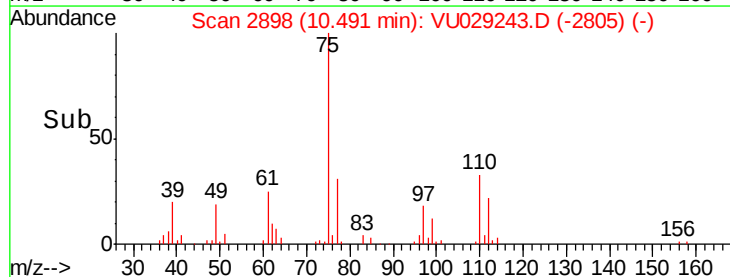
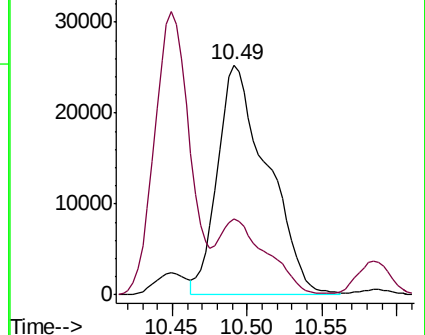
75 100

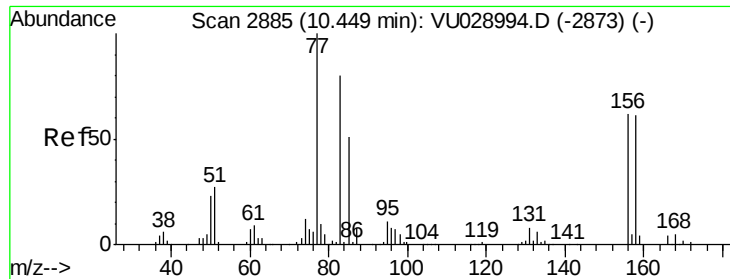
77 30.2 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 19.956 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

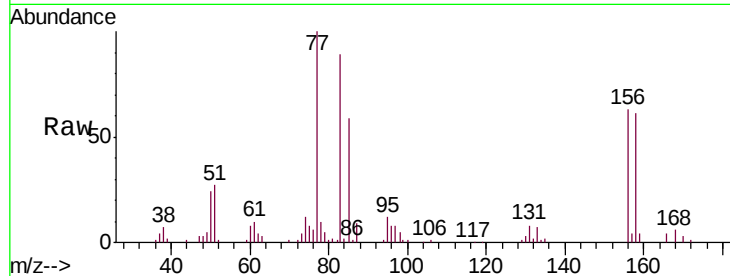
Tgt Ion:156 Resp: 31365

Ion Ratio Lower Upper

156 100

77 162.0 79.0 237.2

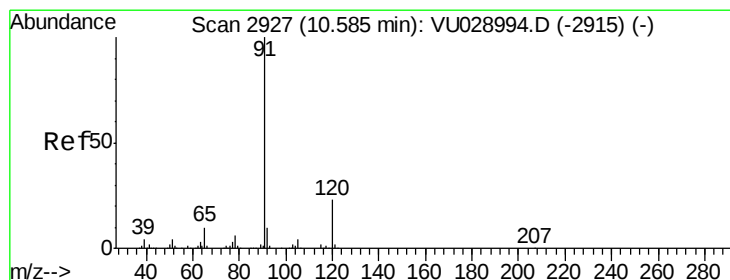
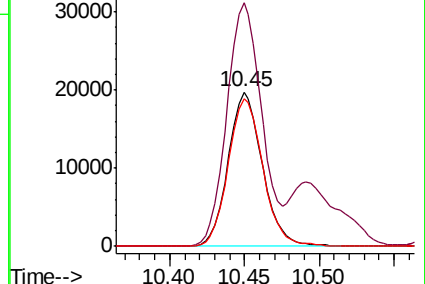
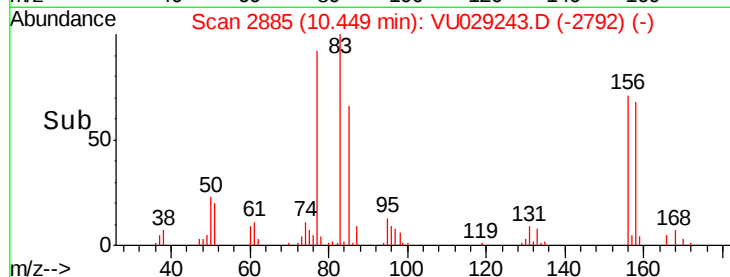
158 97.3 48.9 146.6



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: 20.659 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU029243.D

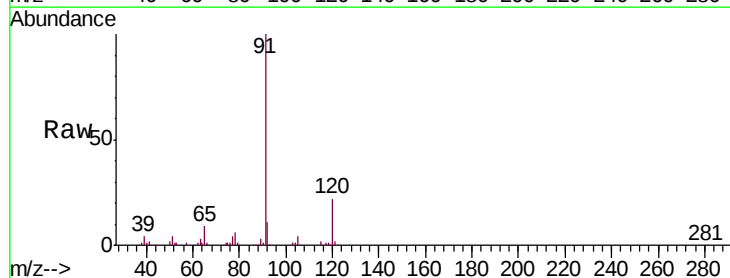
Acq: 21 Jan 2019 12:56

Tgt Ion: 91 Resp: 146837

Ion Ratio Lower Upper

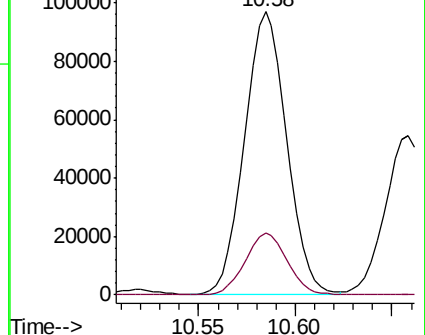
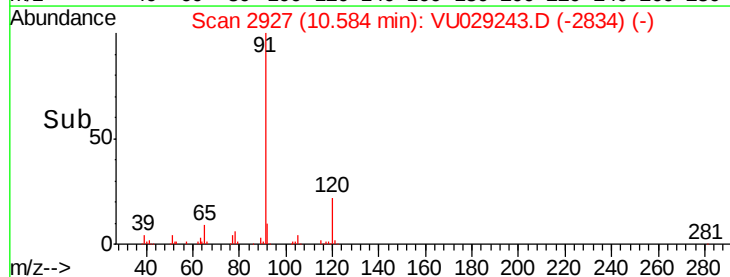
91 100

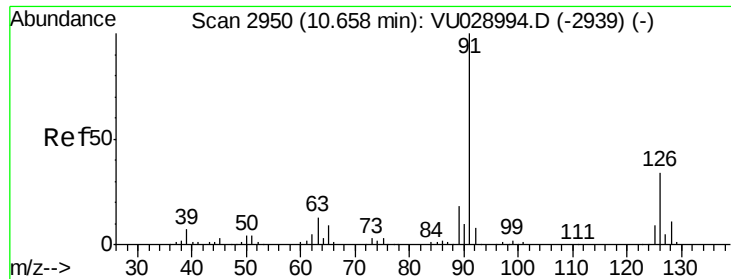
120 21.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

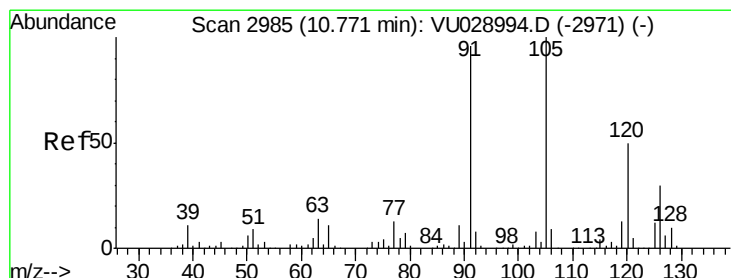
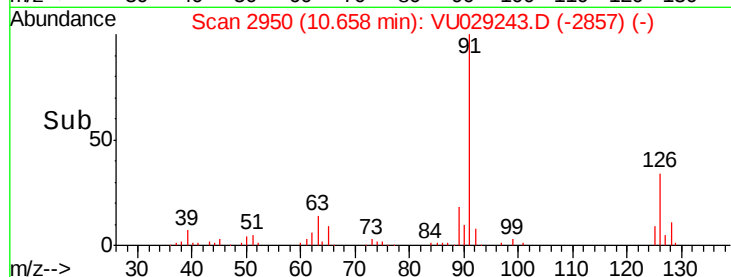
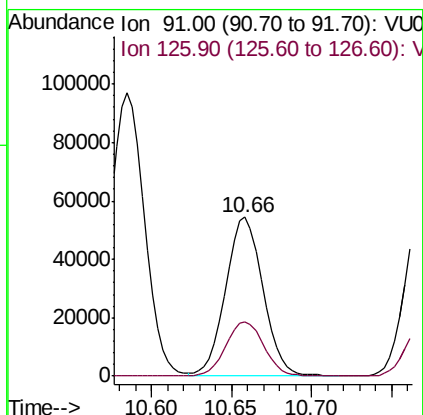
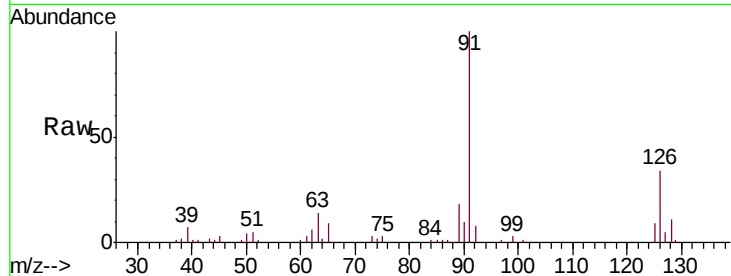




#79
 2-Chlorotoluene
 Concen: 19.934 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

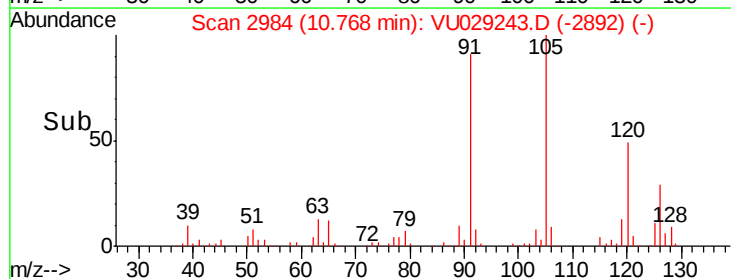
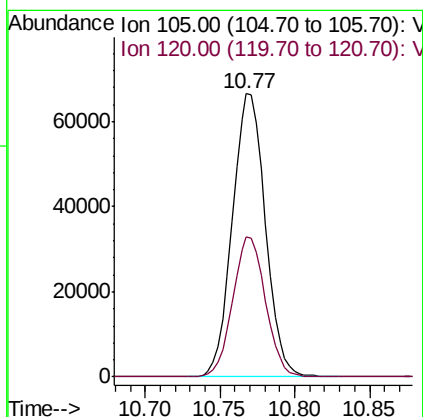
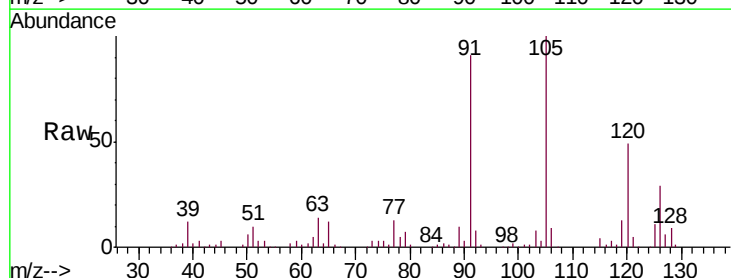
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

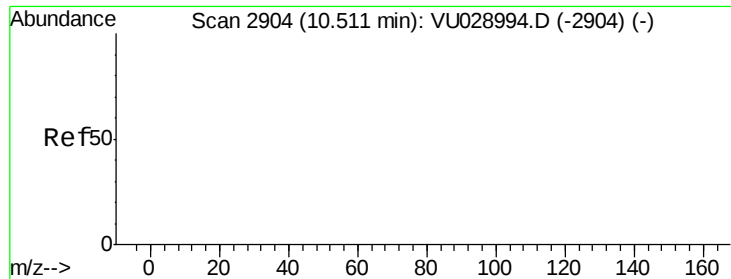
Tgt Ion: 91 Resp: 85947
 Ion Ratio Lower Upper
 91 100
 126 35.2 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.299 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 105 Resp: 102233
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 76.064 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029243.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

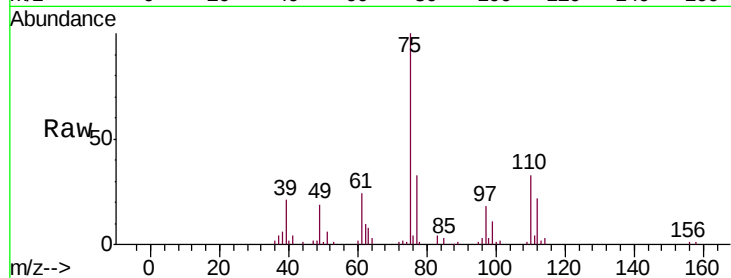
Tgt Ion: 75 Resp: 58881

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

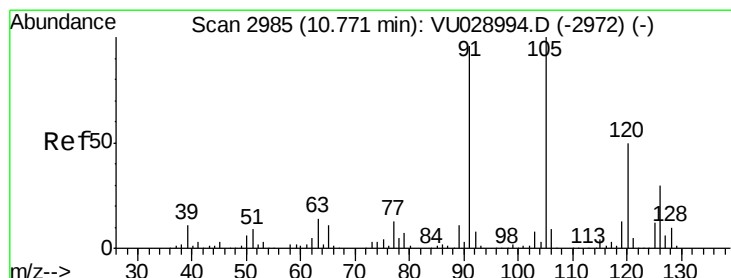
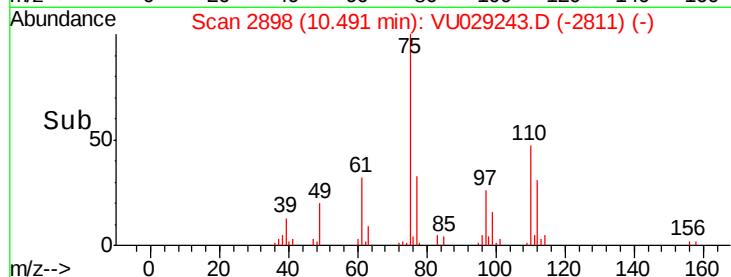
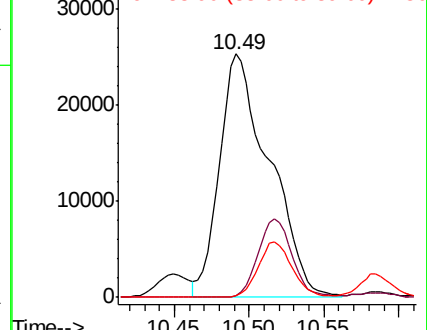
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 19.687 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU029243.D

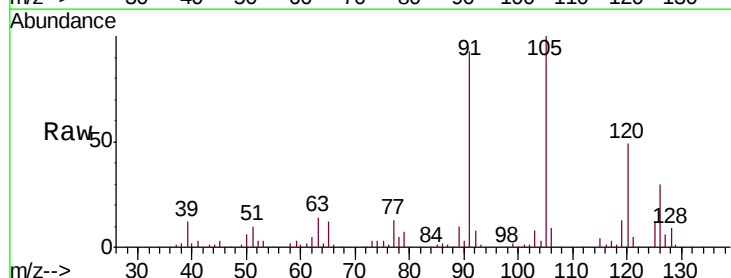
Acq: 21 Jan 2019 12:56

Tgt Ion: 91 Resp: 97330

Ion Ratio Lower Upper

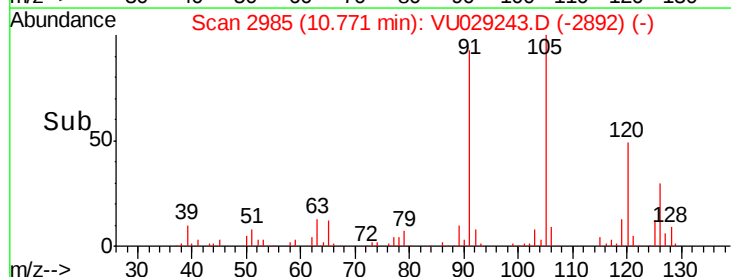
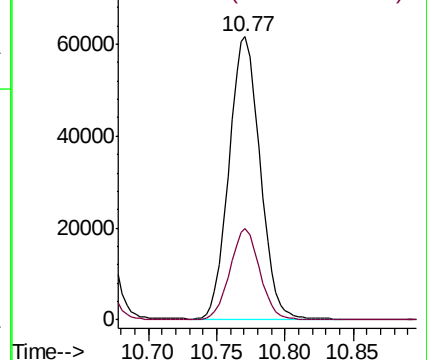
91 100

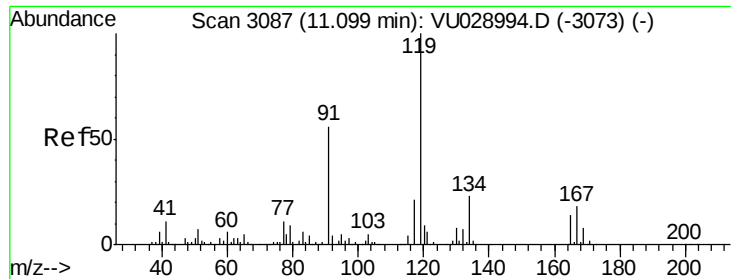
126 31.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

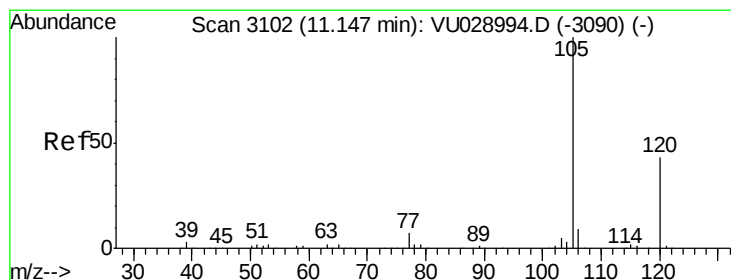
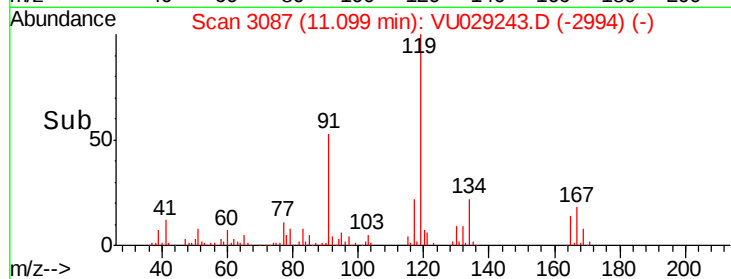
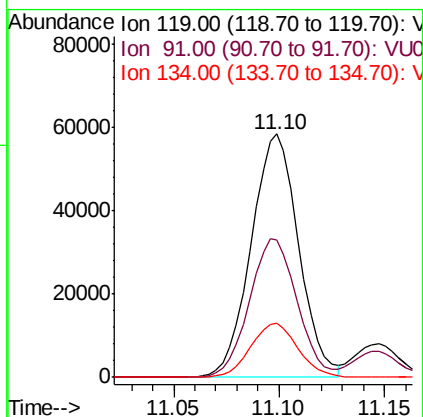
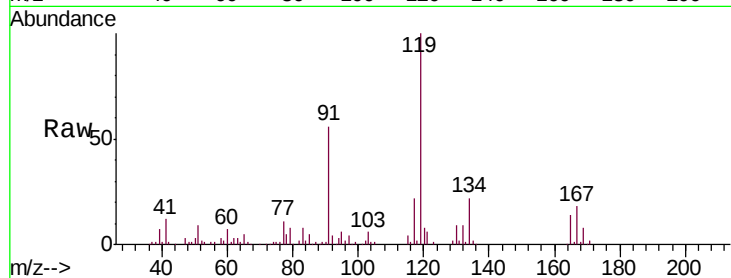




#83
 tert-Butylbenzene
 Concen: 18.398 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

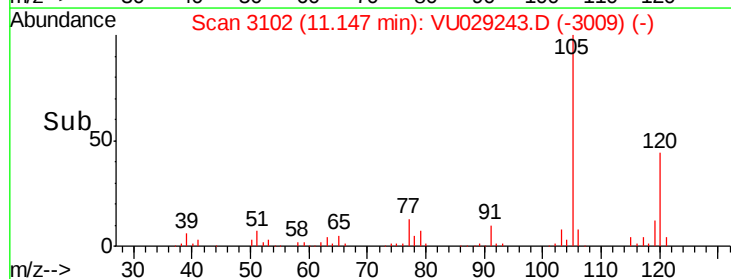
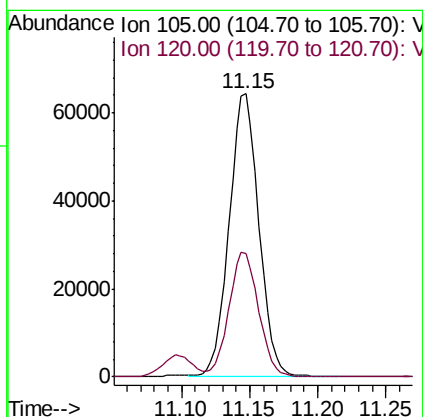
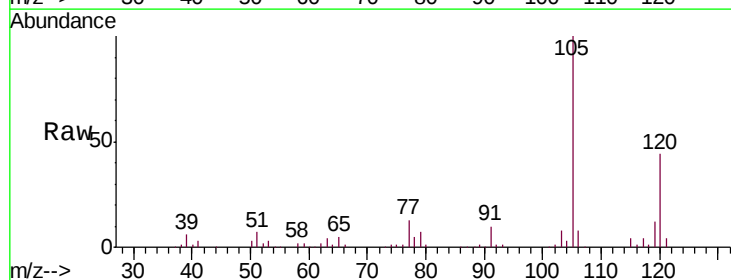
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

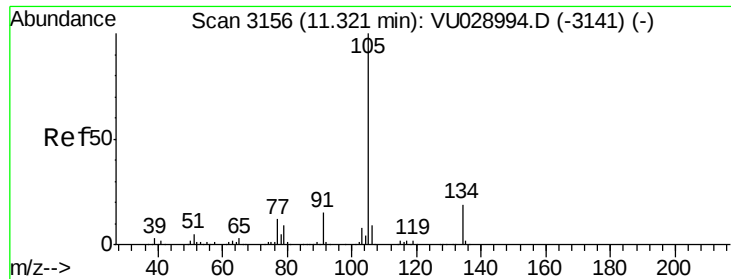
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.1	28.2	84.6
134	22.2	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.408 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	23.1	69.3

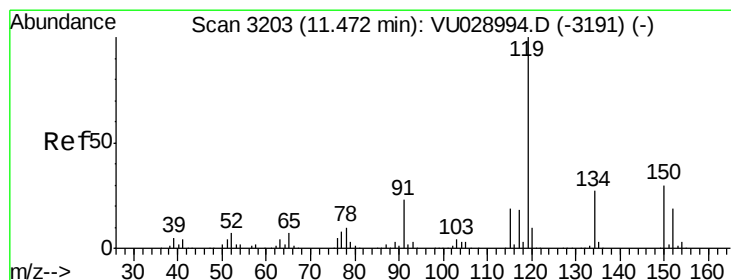
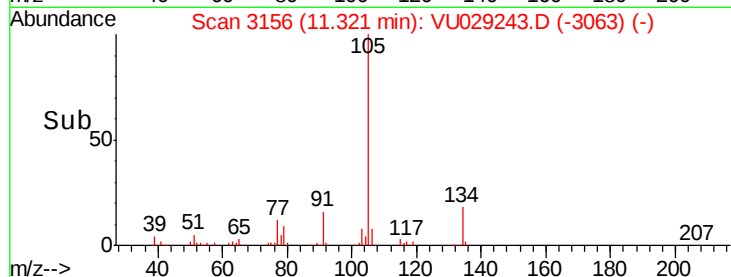
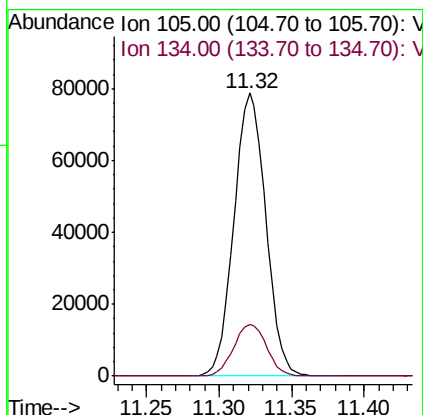
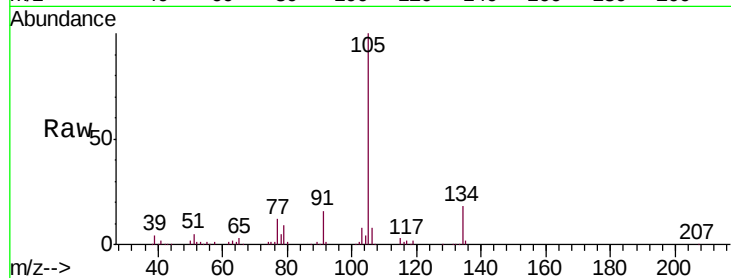




#85
 sec-Butylbenzene
 Concen: 20.037 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

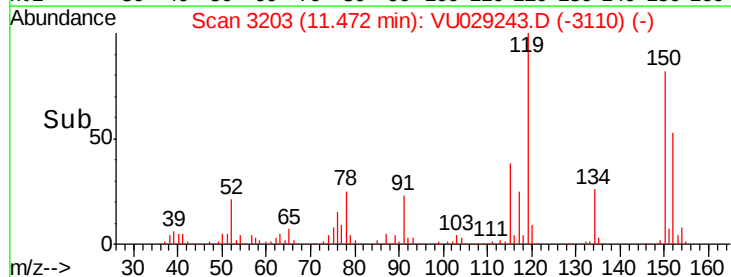
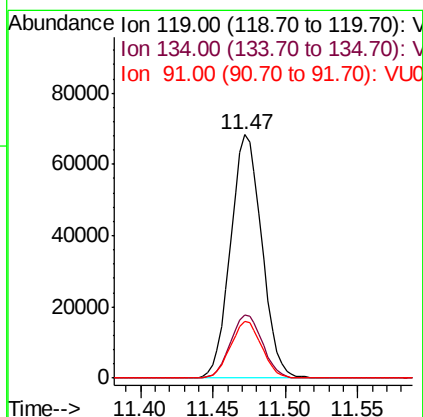
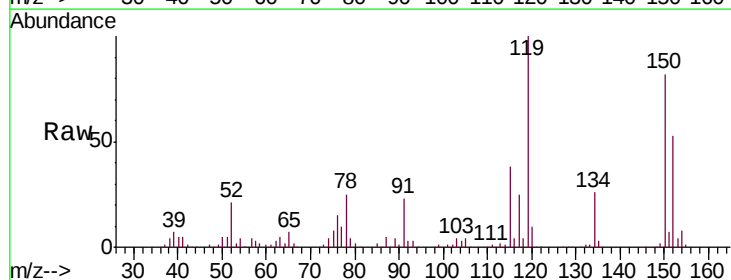
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

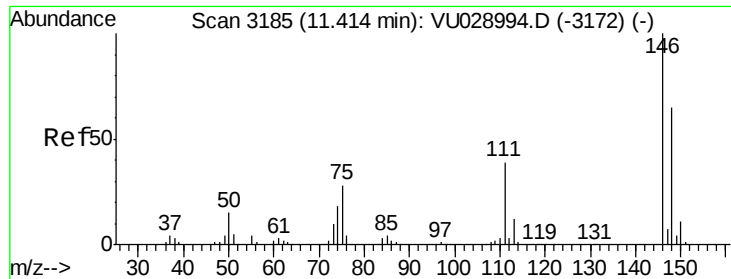
Tgt Ion:105 Resp: 120295
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.007 ug/l
 RT: 11.47 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion:119 Resp: 102348
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 23.3 11.3 33.8

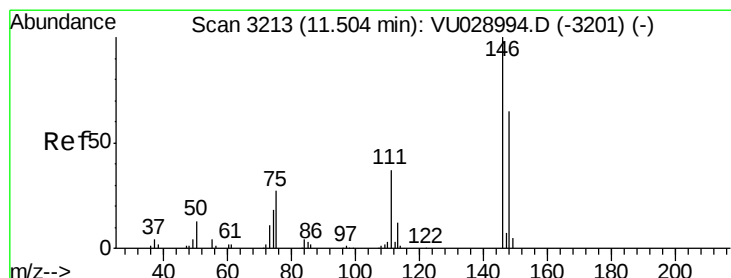
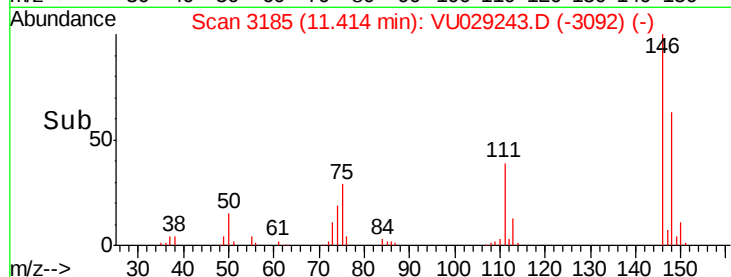
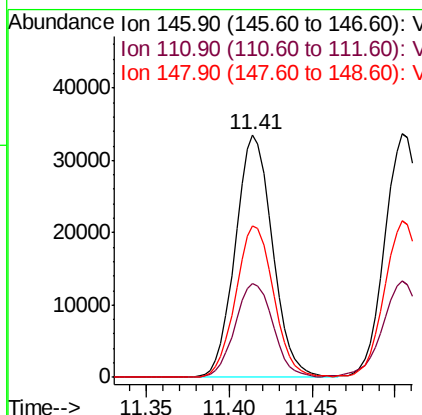
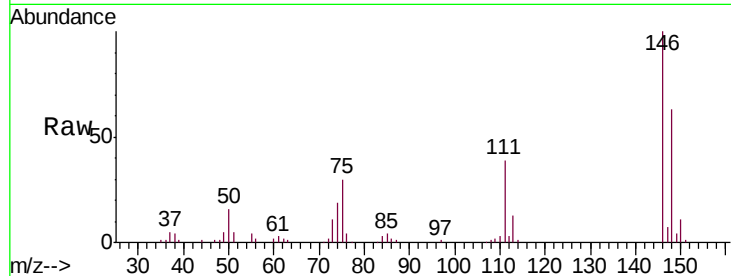




#87
 1,3-Dichlorobenzene
 Concen: 18.174 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

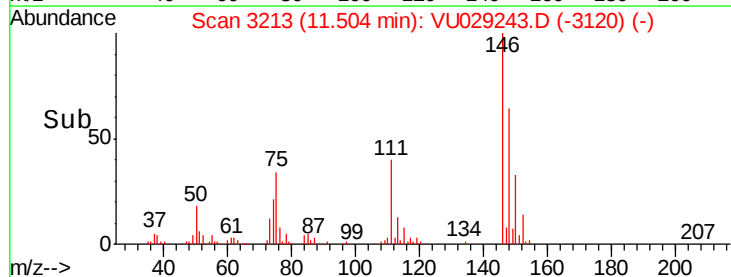
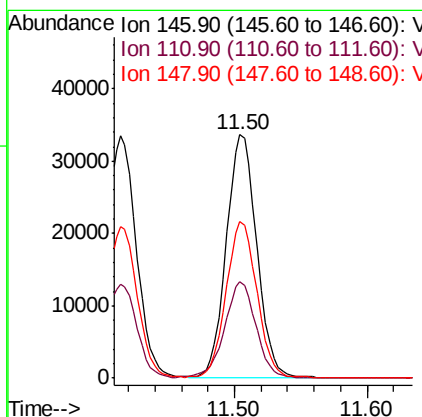
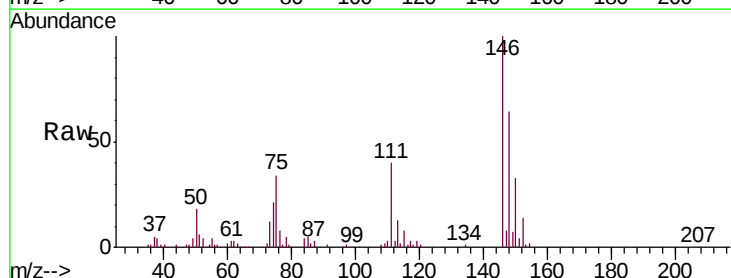
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

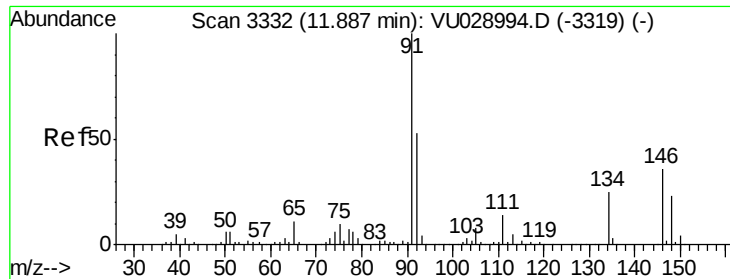
Tgt Ion:146 Resp: 52394
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.8
 148 63.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.132 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion:146 Resp: 53955
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.1 57.3
 148 65.1 32.6 98.0

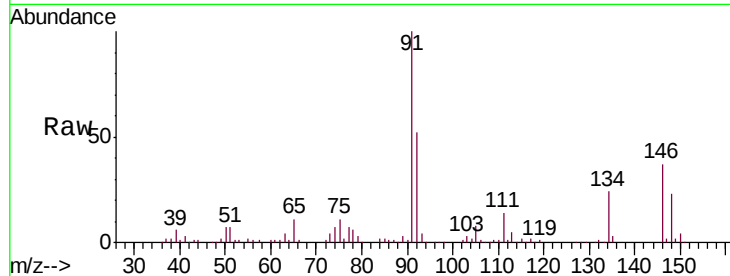




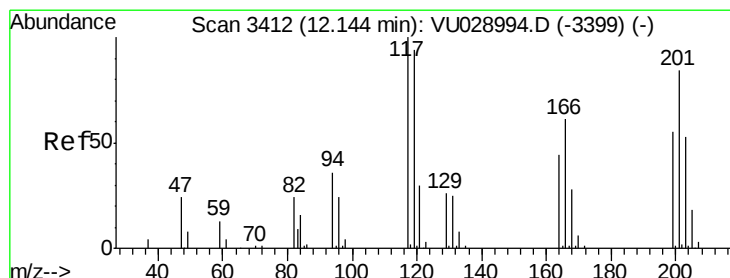
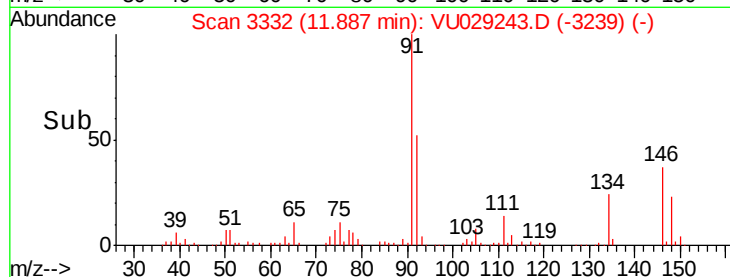
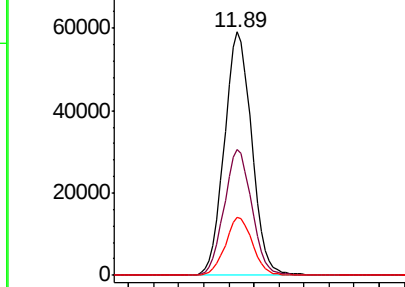
#89
n-Butylbenzene
Concen: 19.572 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion: 91 Resp: 89363
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 23.6 12.6 37.6

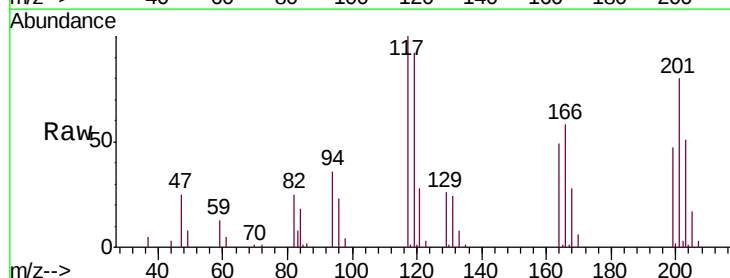


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

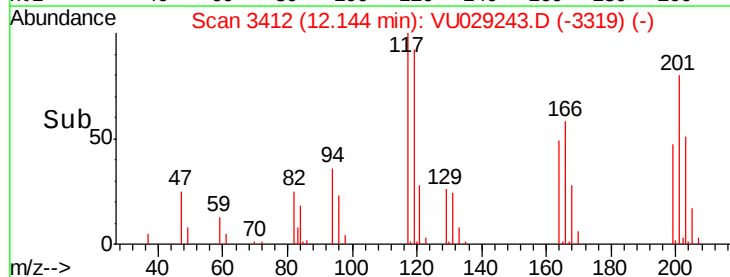
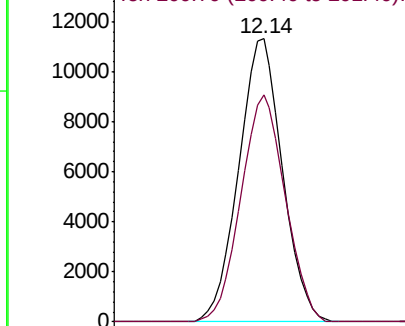


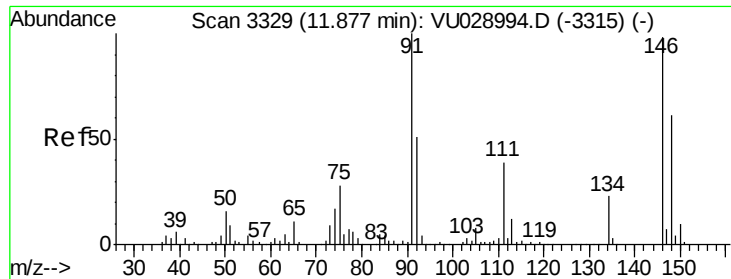
#90
Hexachloroethane
Concen: 20.640 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion: 117 Resp: 17763
Ion Ratio Lower Upper
117 100
201 81.3 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

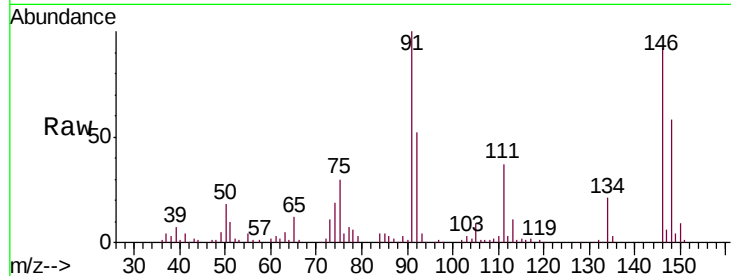




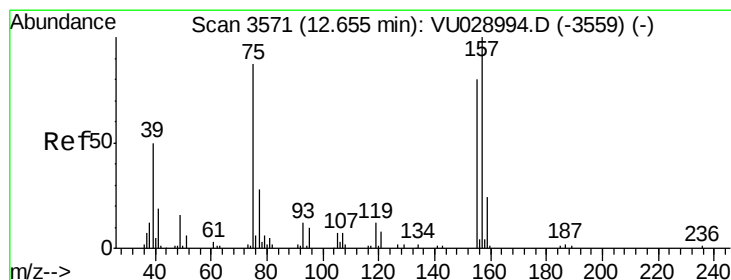
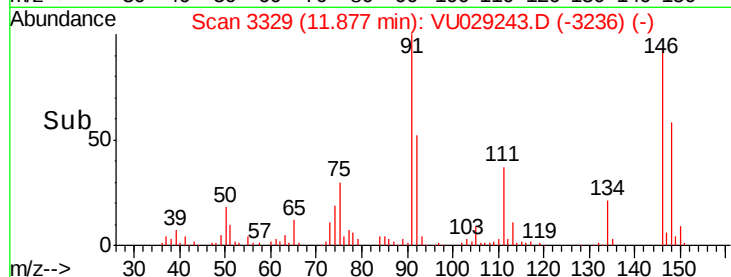
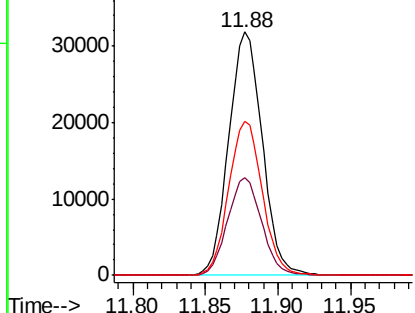
#91
 1,2-Dichlorobenzene
 Concen: 17.646 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

Tgt Ion: 146 Resp: 51238
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 59.9
 148 63.4 31.6 94.8

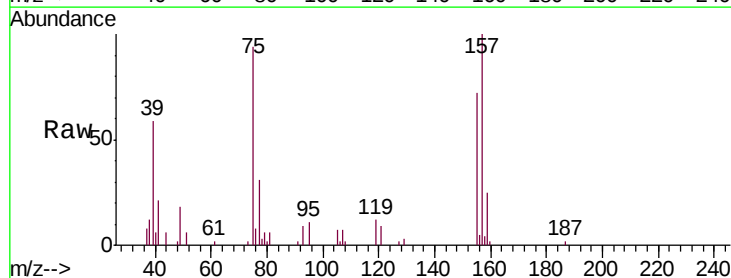


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

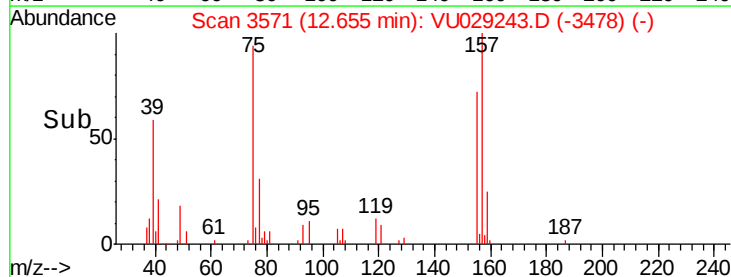
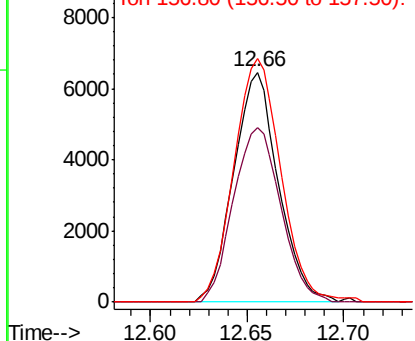


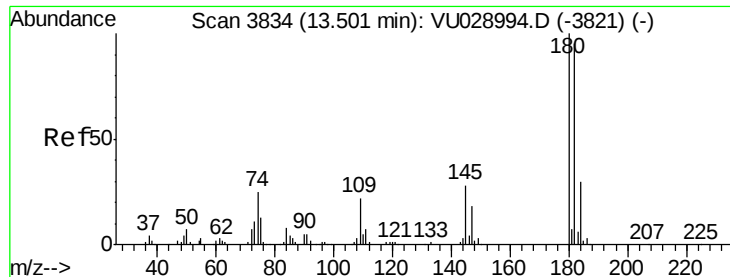
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.396 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion: 75 Resp: 10412
 Ion Ratio Lower Upper
 75 100
 155 80.2 46.3 138.8
 157 111.0 57.4 172.0



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

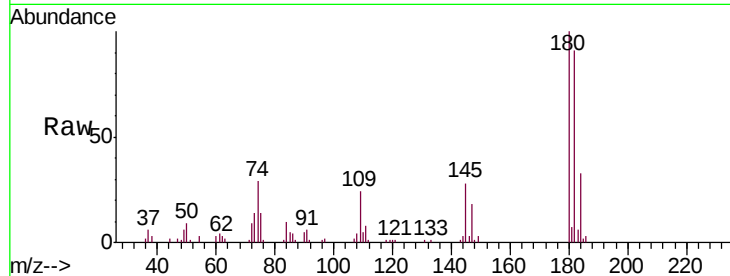




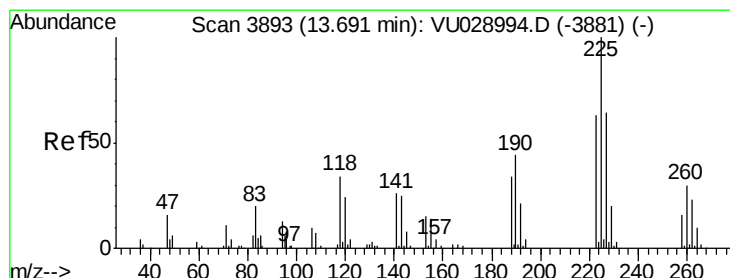
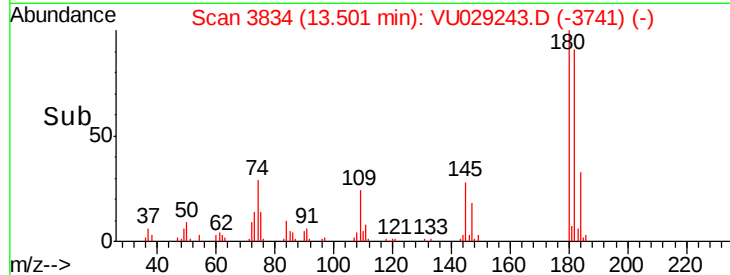
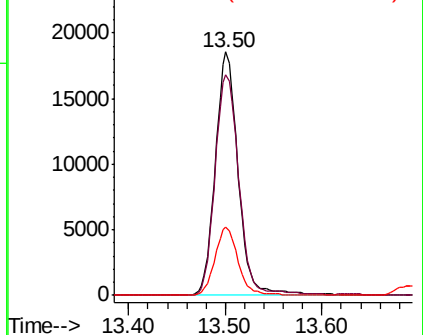
#93
 1,2,4-Trichlorobenzene
 Concen: 16.423 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

Tgt Ion:180 Resp: 30441
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.5 142.6
 145 28.3 14.0 42.0

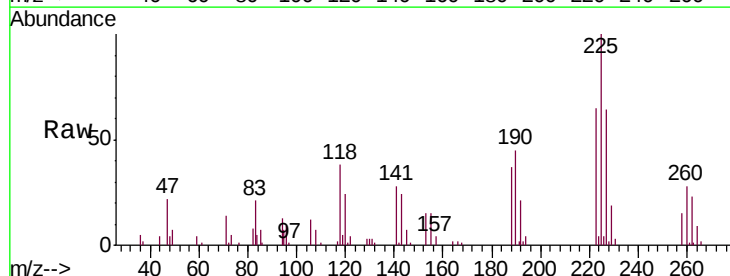


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

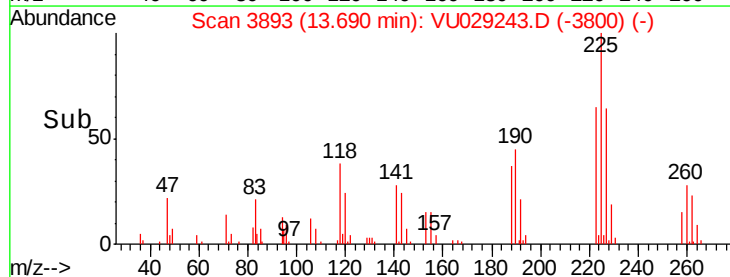
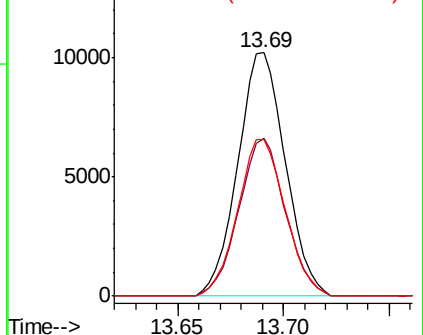


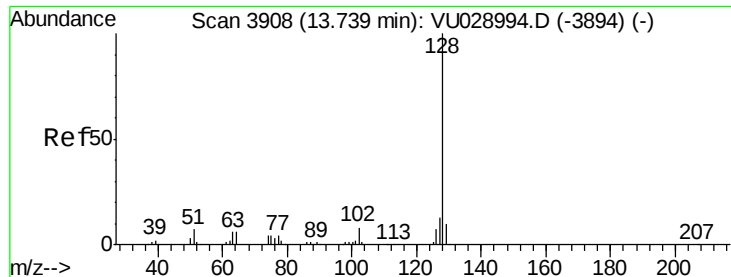
#94
 Hexachlorobutadiene
 Concen: 18.858 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029243.D
 Acq: 21 Jan 2019 12:56

Tgt Ion:225 Resp: 15988
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.4 94.0
 227 64.7 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

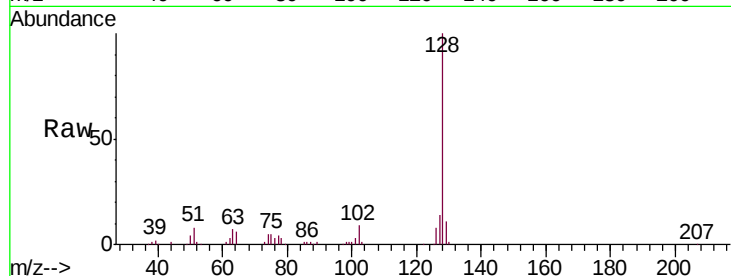




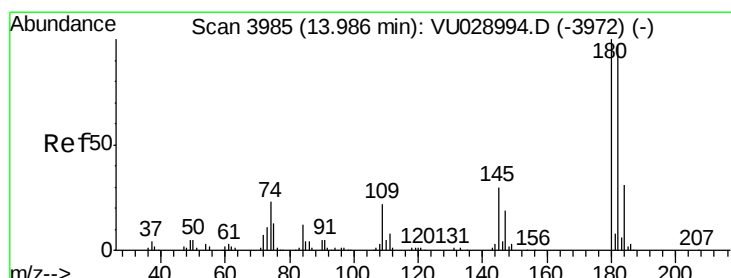
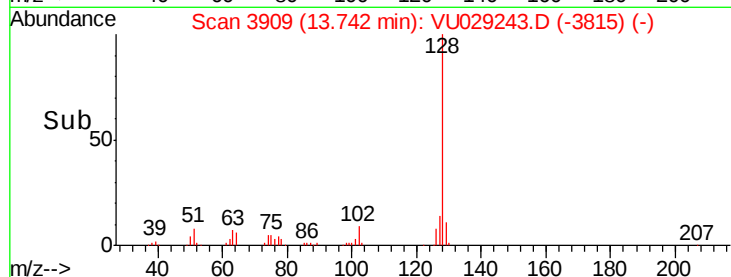
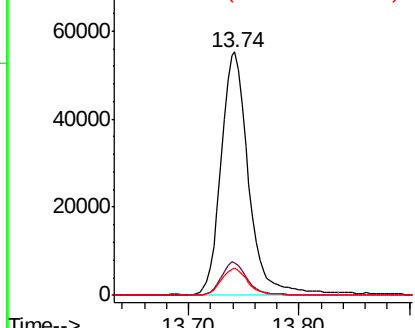
#95
Naphthalene
Concen: 15.206 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion:128 Resp: 95881
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.5 12.7

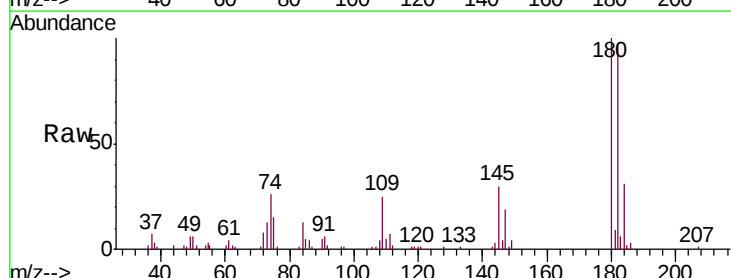


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 16.963 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029243.D
Acq: 21 Jan 2019 12:56

Tgt Ion:180 Resp: 31376
Ion Ratio Lower Upper
180 100
182 94.3 48.1 144.3
145 28.3 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

