

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033119\
 Data File : VU030582.D
 Acq On : 30 Mar 2019 20:11
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:19:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U033119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sun Mar 31 01:11:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	58898	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	22434	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21053	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	233946	9.443	ug/l	98
3) Chloromethane	1.33	50	285322	8.914	ug/l	100
4) Vinyl Chloride	1.40	62	271210	9.806	ug/l	100
5) Bromomethane	1.62	94	103852	8.706	ug/l	99
6) Chloroethane	1.69	64	145785	9.140	ug/l	100
7) Trichlorofluoromethane	1.88	101	301887	9.938	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	142219	9.216	ug/l	99
9) 1,1-Dichloroethene	2.28	96	149129	9.603	ug/l	97
10) Iodomethane	2.41	142	101332	6.894	ug/l	99
11) Allyl Chloride	2.59	41	324778	9.599	ug/l	99
12) Acrylonitrile	2.94	53	88805	20.133	ug/l	97
13) Acetone	2.32	43	192721	46.636	ug/l	99
14) Carbon Disulfide	2.47	76	543072	9.570	ug/l	99
15) Methylene Chloride	2.69	84	182175	9.249	ug/l	96
16) trans-1,2-Dichloroethene	2.97	96	170263	9.704	ug/l	96
17) 1,1-Dichloroethane	3.43	63	353532	9.924	ug/l	99
18) 2-Butanone	4.28	43	306796	57.424	ug/l	98
19) Cyclohexane	4.98	56	270924	9.015	ug/l	88
20) Methylcyclohexane	6.41	83	272892	10.349	ug/l	98
21) 2,2-Dichloropropane	4.22	77	227576	8.311	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	187631	9.958	ug/l	97
23) Diethyl Ether	2.10	59	149614	10.137	ug/l	99
24) tert-Butyl Alcohol	2.84	59	177604	116.233	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	459057	10.210	ug/l	98
26) Bromochloromethane	4.54	128	72763	9.861	ug/l	98
27) Chloroform	4.67	83	332209	9.982	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	275902	10.042	ug/l	98
29) 1,1-Dichloropropene	5.13	75	243553	9.885	ug/l	100
30) Carbon Tetrachloride	5.13	117	228036	9.945	ug/l	100
31) Isopropyl Ether	3.58	45	605876	10.211	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	498446	10.547	ug/l	98
33) Tert-Amyl methyl ether	5.58	73	413872	10.936	ug/l	99
34) Propionitrile	4.33	54	85006	58.528	ug/l #	98
35) Benzene	5.38	78	729037	10.004	ug/l	100
36) 1,2-Dichloroethane	5.40	62	221528	9.952	ug/l	99
37) Trichloroethene	6.18	130	173946	9.950	ug/l	97
38) 1,2-Dichloropropane	6.43	63	203569	10.085	ug/l	98
39) Methacrylonitrile	4.55	41	76150	11.621	ug/l	97
40) Methyl acrylate	4.43	55	107597	12.008	ug/l	99
41) Tetrahydrofuran	4.65	42	81408	21.903	ug/l	95
42) 1-Chlorobutane	5.06	56	382350	10.365	ug/l	99

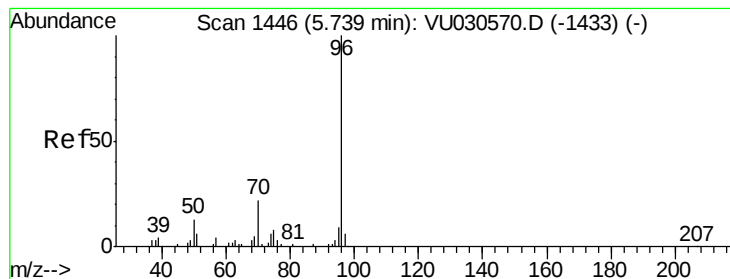
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033119\
 Data File : VU030582.D
 Acq On : 30 Mar 2019 20:11
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:19:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U033119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sun Mar 31 01:11:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	93385	10.204	ug/l	97
44) Bromodichloromethane	6.75	83	240692	9.938	ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	729097	57.934	ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	103301	25.577	ug/l	92
47) Methyl methacrylate	6.62	69	193290	24.901	ug/l	98
48) Ethyl methacrylate	8.02	69	186655	12.265	ug/l	99
49) Toluene	7.63	92	428389	10.728	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	220343	10.856	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	261842	10.374	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	131845	10.571	ug/l	96
53) 1,3-Dichloropropane	8.24	76	237243	10.401	ug/l	100
54) 2-Hexanone	8.36	43	516118	60.725	ug/l	99
55) Dibromochloromethane	8.47	129	151584	10.483	ug/l	98
56) 1,2-Dibromoethane	8.58	107	120614	10.424	ug/l	100
58) Tetrachloroethene	8.22	164	163769	10.475	ug/l	98
59) Chlorobenzene	9.12	112	445883	10.334	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	156963	9.816	ug/l	99
61) Pentachloroethane	11.10	117	118018	9.569	ug/l	97
62) Hexachloroethane	12.14	117	107975	10.060	ug/l	99
63) Ethyl Benzene	9.25	91	826961	10.796	ug/l	98
64) m/p-Xylenes	9.37	106	612877	21.873	ug/l	95
65) o-Xylene	9.78	106	295152	10.957	ug/l	99
66) Styrene	9.79	104	526131	11.588	ug/l	99
67) Bromoform	9.95	173	86713	10.948	ug/l	99
69) Isopropylbenzene	10.16	105	792780	10.816	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	180765	10.352	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	103301	9.279	ug/l #	97
72) Bromobenzene	10.45	156	182774	10.392	ug/l	99
73) n-propylbenzene	10.58	120	206864	11.011	ug/l	94
74) 2-Chlorotoluene	10.66	126	184860	10.608	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	679293	11.025	ug/l	99
76) 4-Chlorotoluene	10.77	126	191385	10.804	ug/l	99
77) tert-Butylbenzene	11.10	119	627298	10.750	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	678111	11.101	ug/l	99
79) sec-Butylbenzene	11.32	105	860112	10.846	ug/l	100
80) Nitrobenzene	12.86	77	19942	84.763	ug/l #	95
81) p-Isopropyltoluene	11.47	119	676330	11.103	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	357083	10.160	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	358632	10.182	ug/l	98
84) n-Butylbenzene	11.89	91	655021	11.118	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	332941	10.067	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	28724	11.216	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	206824	10.955	ug/l	98
88) Hexachlorobutadiene	13.69	225	122311	10.275	ug/l	98
89) Naphthalene	13.74	128	413905	12.558	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	198679	11.089	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 58898

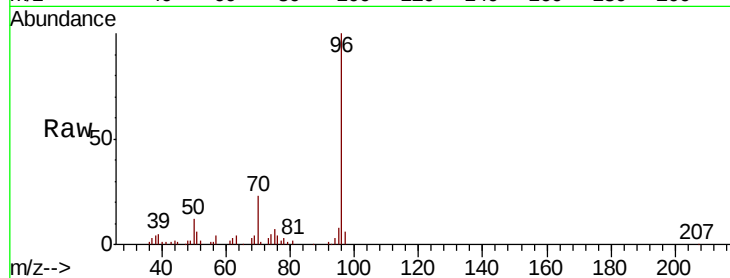
Ion Ratio Lower Upper

96 100

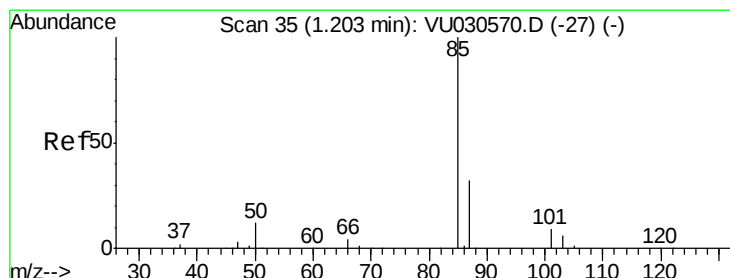
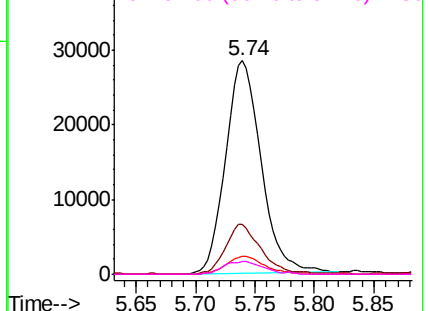
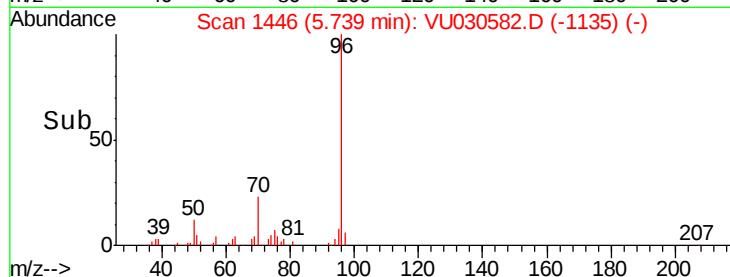
70 21.4 15.6 23.4

95 8.2 7.3 10.9

97 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 70.00 (69.70 to 70.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 9.443 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU030582.D

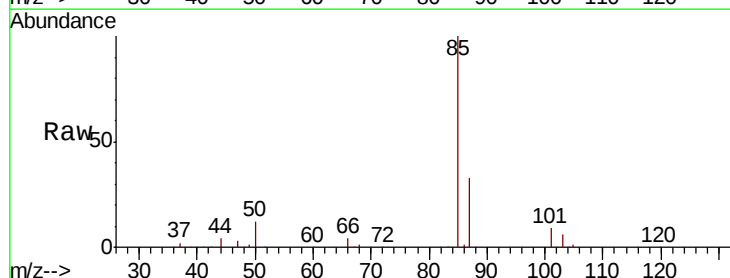
Acq: 30 Mar 2019 20:11

Tgt Ion: 85 Resp: 233946

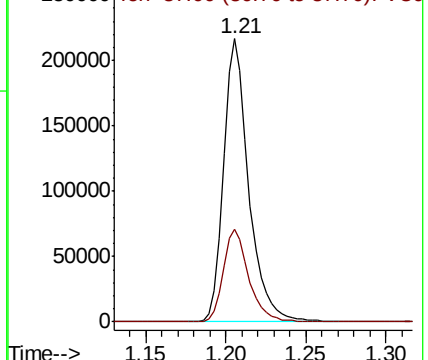
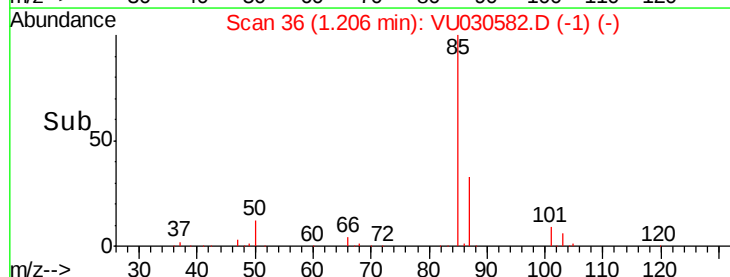
Ion Ratio Lower Upper

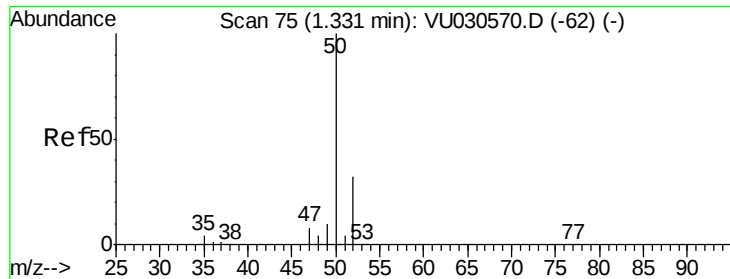
85 100

87 32.9 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0
Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 8.914 ug/l

RT: 1.33 min Scan# 75

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

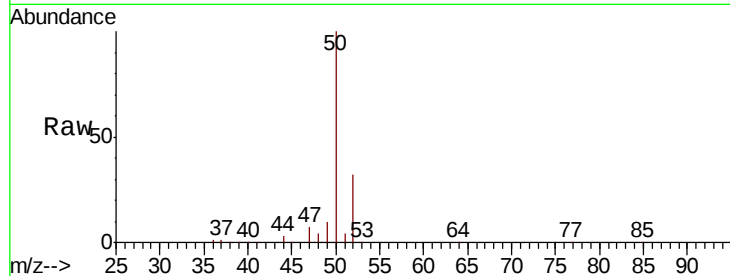
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 285322

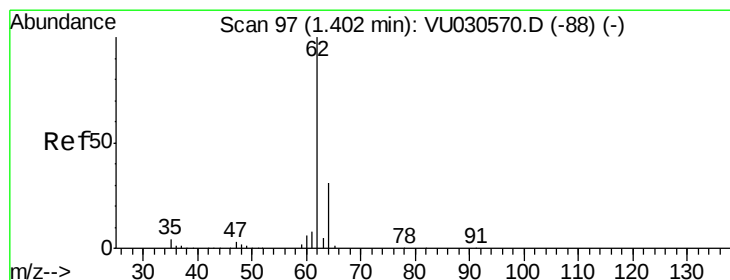
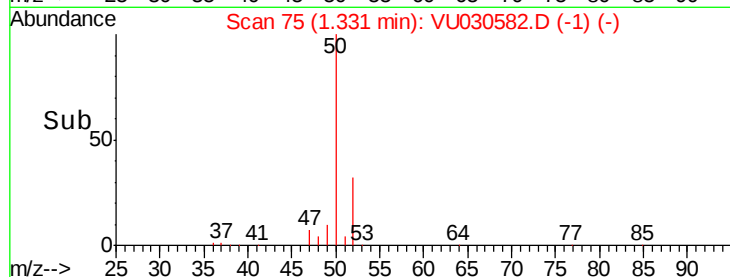
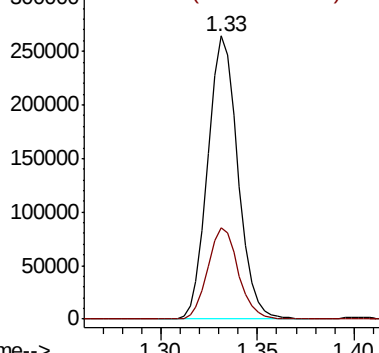
Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.8



Abundance Ion 50.00 (49.70 to 50.70): VU0
Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.806 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU030582.D

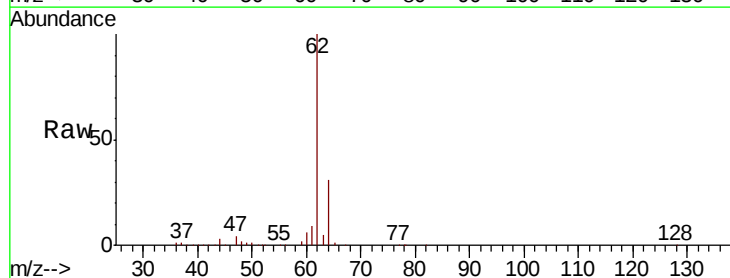
Acq: 30 Mar 2019 20:11

Tgt Ion: 62 Resp: 271210

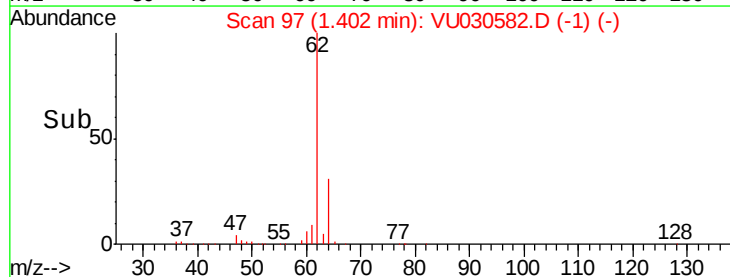
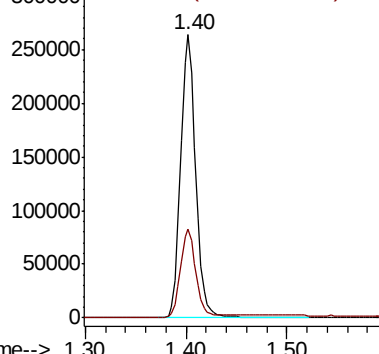
Ion Ratio Lower Upper

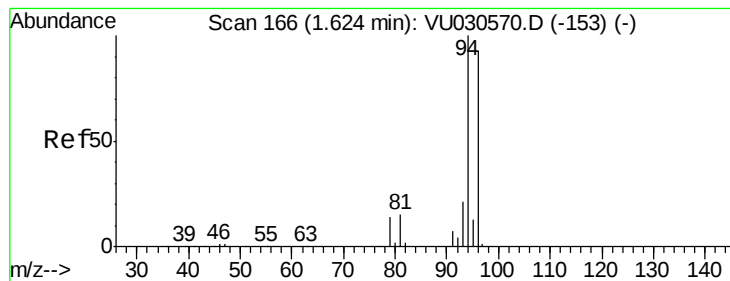
62 100

64 31.3 25.1 37.7



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 8.706 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

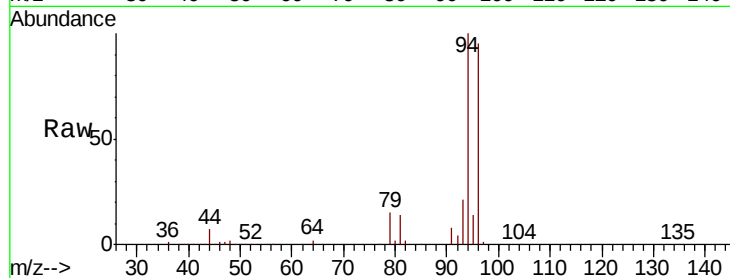
ClientSampleId :

Tot Ion: 94 Resp: 103852

Ion Ratio Lower Upper

94 100

96 94.5 74.8 112.2



Abundance Ion 94.00 (93.70 to 94.70): VU030570.D (-153) (-)

Ion 96.00 (95.70 to 96.70): VU030570.D (-153) (-)

1.62

80000

60000

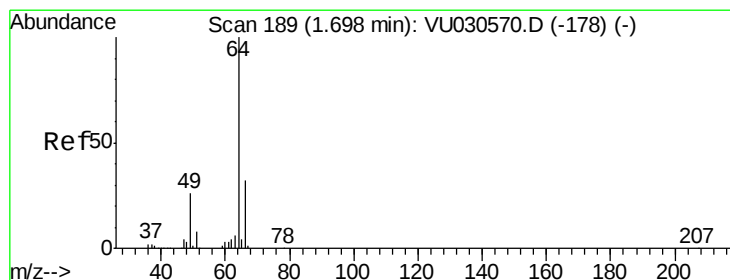
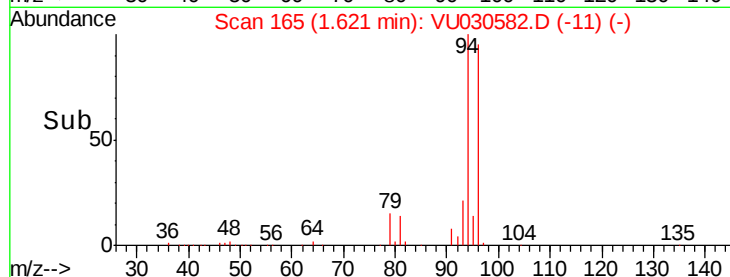
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 9.140 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU030582.D

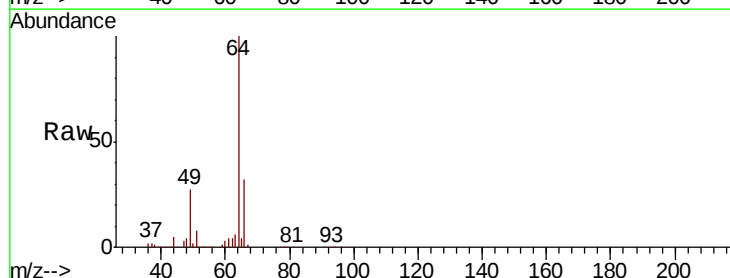
Acq: 30 Mar 2019 20:11

Tgt Ion: 64 Resp: 145785

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU030570.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU030570.D (-178) (-)

1.69

120000

100000

80000

60000

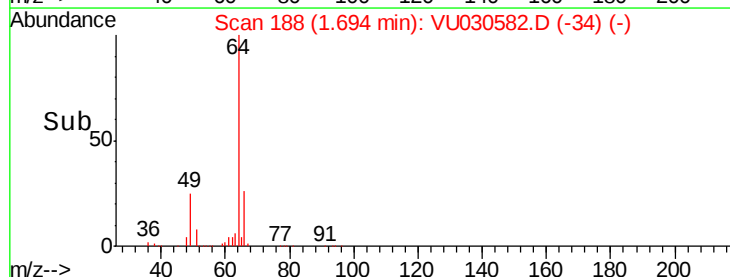
40000

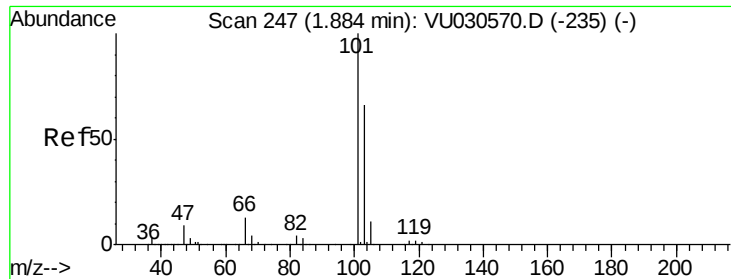
20000

0

Time-->

1.65 1.70 1.75



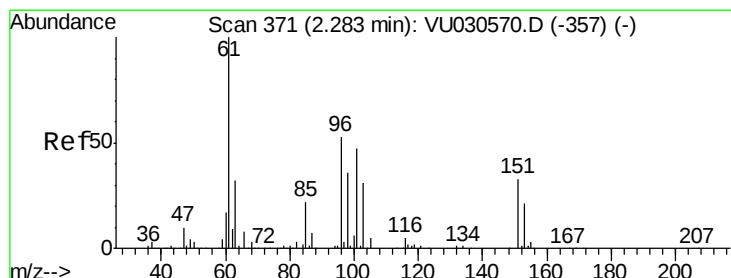
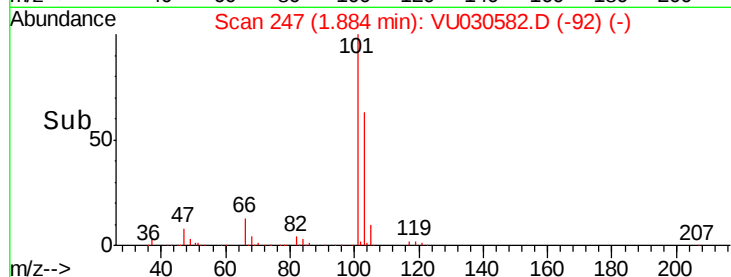
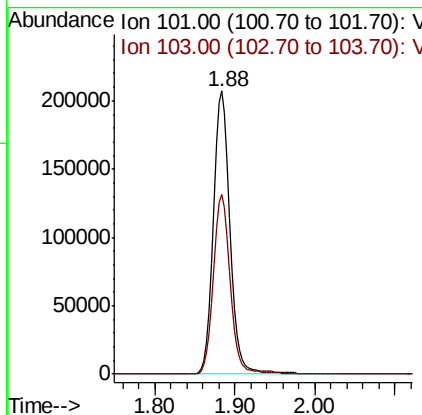
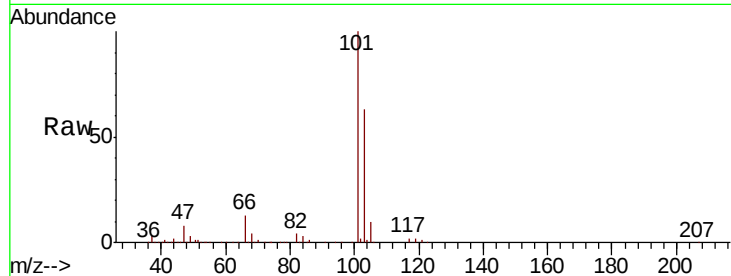


#7

Trichlorofluoromethane
 Concen: 9.938 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Instrument :
 MSVOA_U
 ClientSampleId :

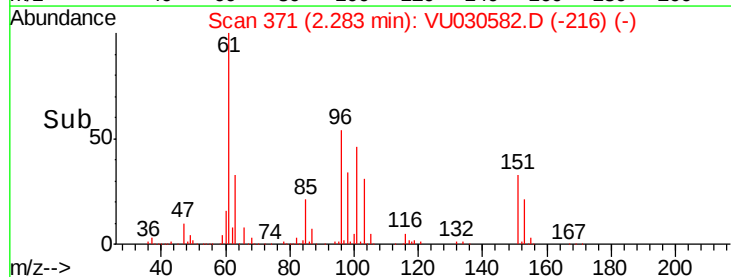
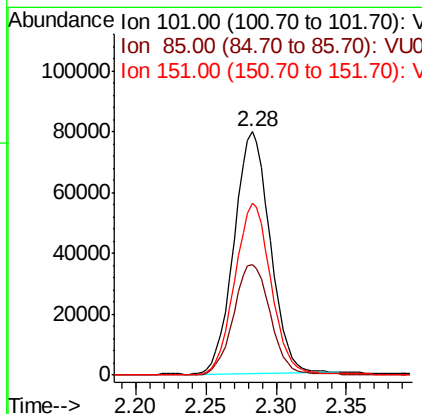
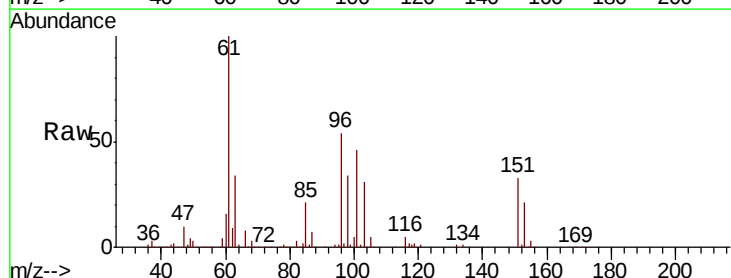
Tot Ion:101 Resp: 301887
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.6 79.0

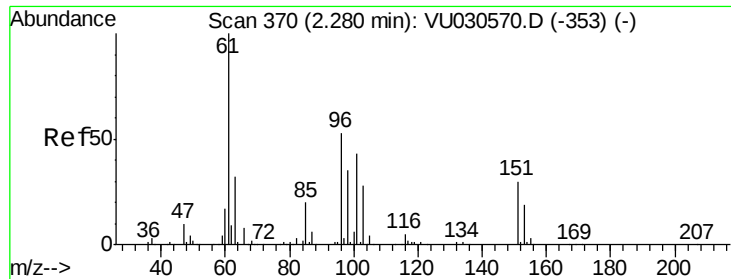


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.216 ug/l
 RT: 2.28 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion:101 Resp: 142219
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.5 54.7
 151 71.4 56.5 84.7





#9

1,1-Dichloroethene

Concen: 9.603 ug/l

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

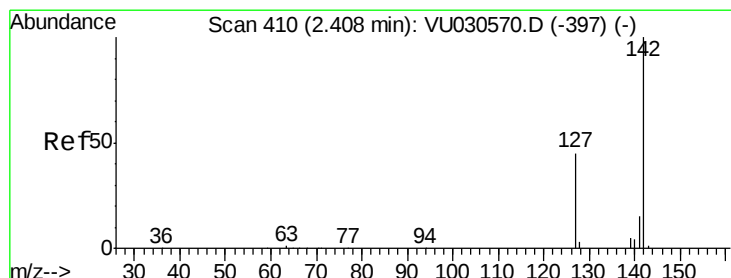
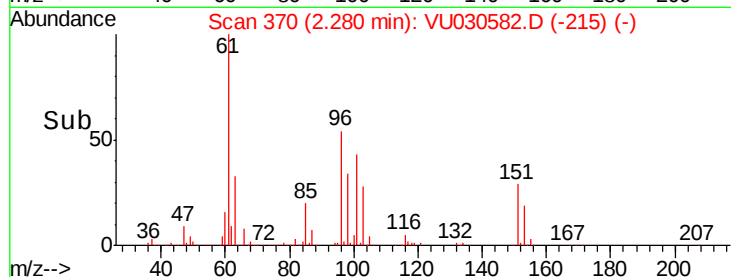
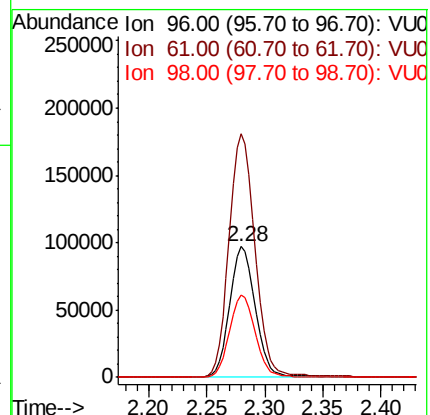
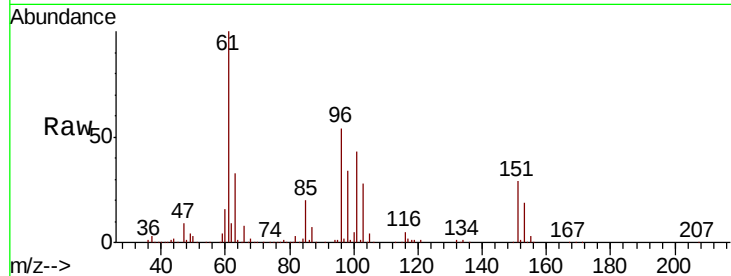
Tot Ion: 96 Resp: 149129

Ion Ratio Lower Upper

96 100

61 186.2 0.0 567.0

98 62.6 0.0 132.2



#10

Iodomethane

Concen: 6.894 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU030582.D

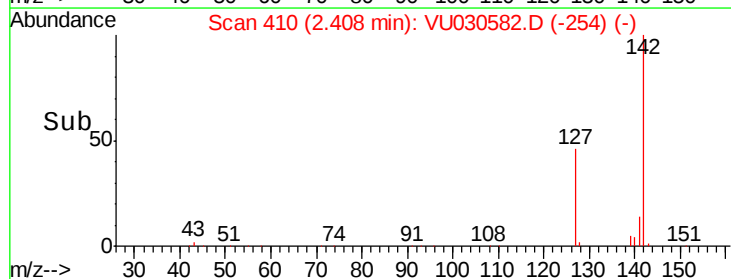
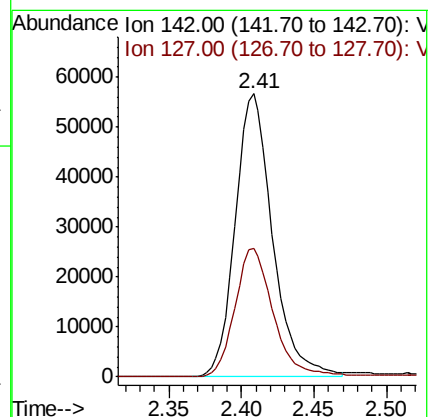
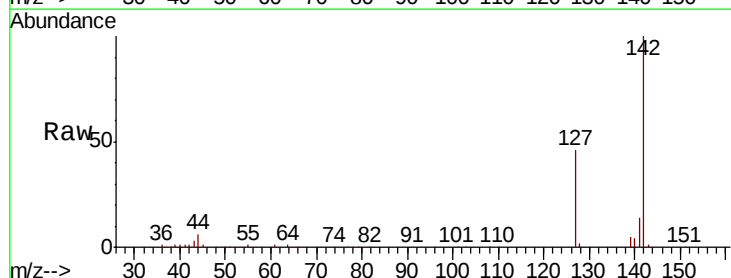
Acq: 30 Mar 2019 20:11

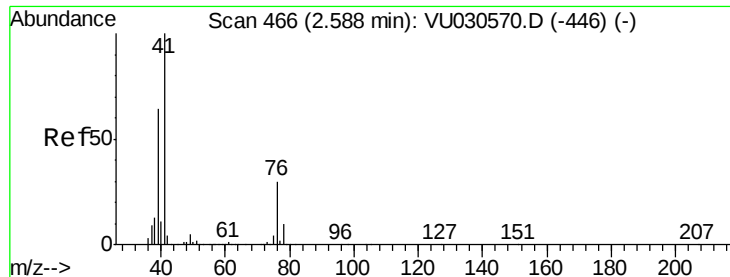
Tgt Ion: 142 Resp: 101332

Ion Ratio Lower Upper

142 100

127 46.9 36.8 55.2

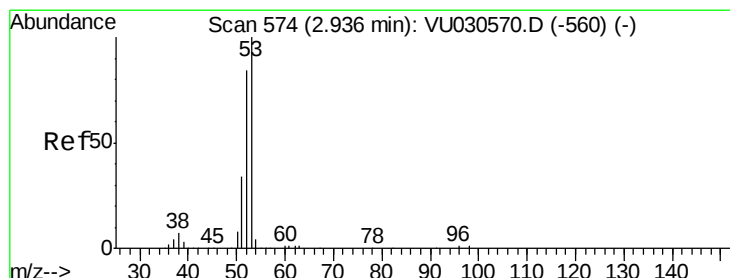
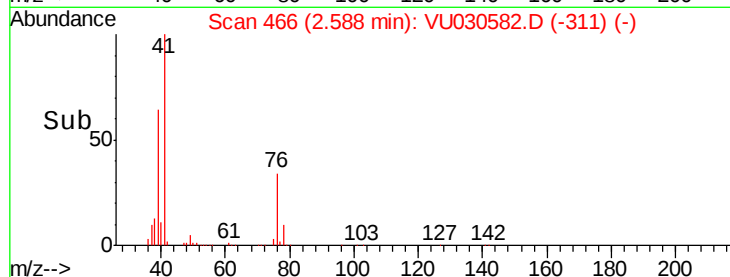
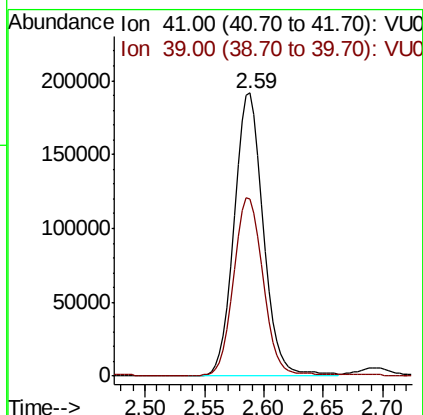
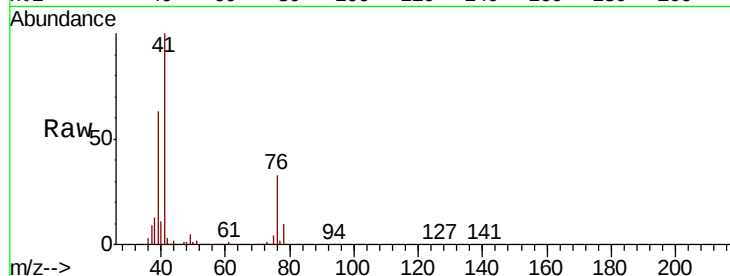




#11
Allvl Chloride
Concen: 9.599 ug/l
RT: 2.59 min Scan# 466
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

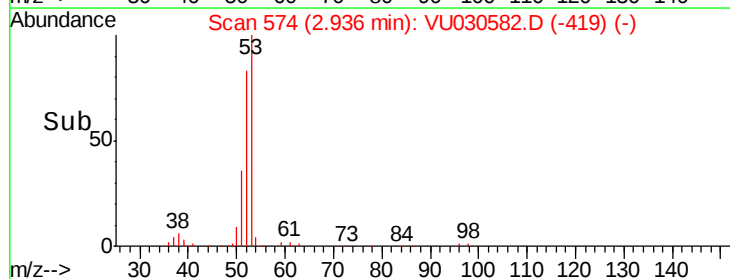
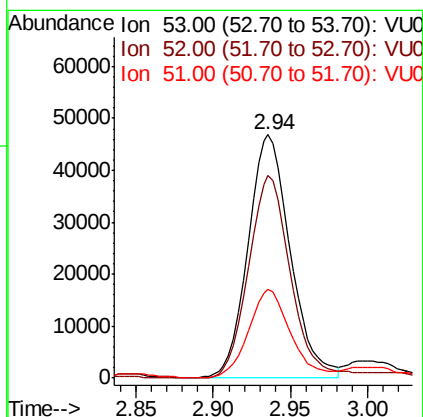
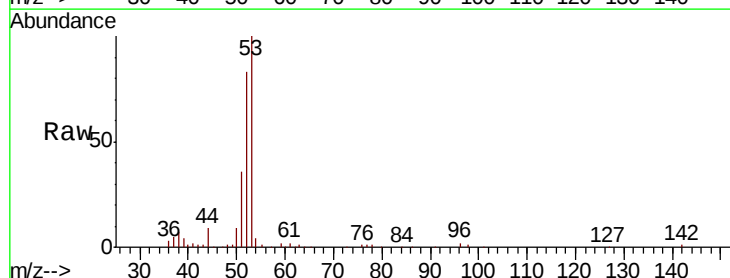
Instrument :
MSVOA_U
ClientSampled :

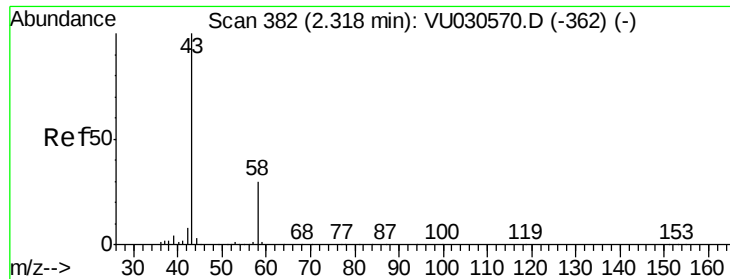
Tot Ion: 41 Resp: 324778
Ion Ratio Lower Upper
41 100
39 63.9 51.8 77.6



#12
Acrylonitrile
Concen: 20.133 ug/l
RT: 2.94 min Scan# 574
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion: 53 Resp: 88805
Ion Ratio Lower Upper
53 100
52 84.1 69.1 103.7
51 36.6 27.9 41.9





#13

Acetone

Concen: 46.636 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

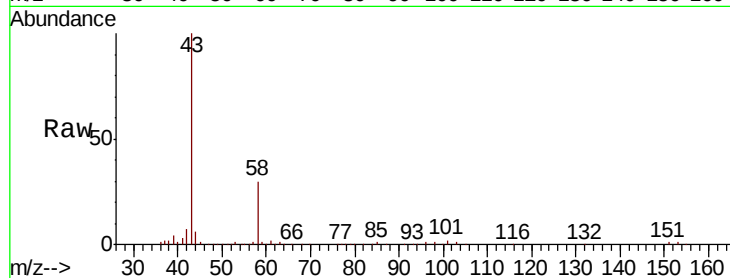
ClientSampled :

Tot Ion: 43 Resp: 192721

Ion Ratio Lower Upper

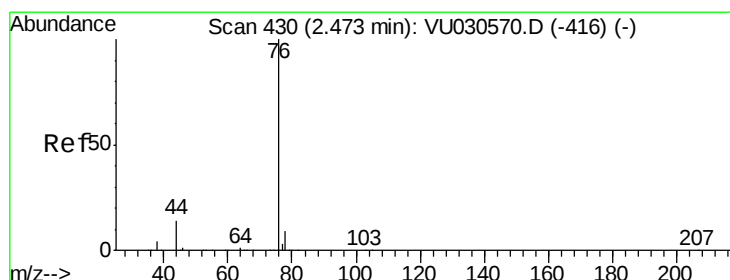
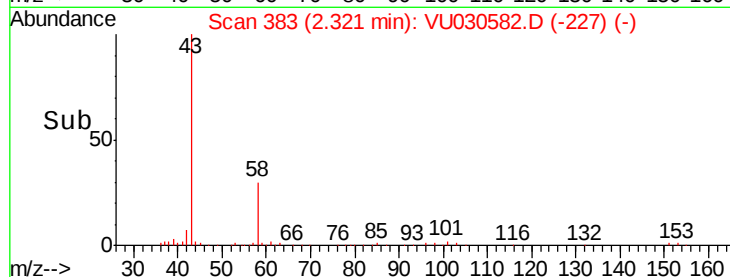
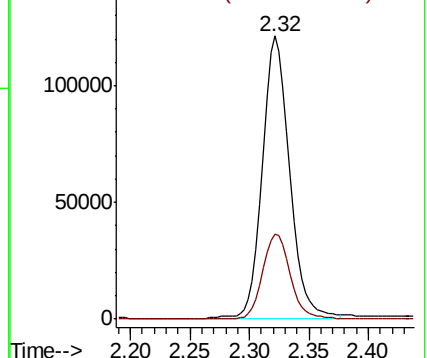
43 100

58 29.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU030570.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030570.D (-362) (-)



#14

Carbon Disulfide

Concen: 9.570 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU030582.D

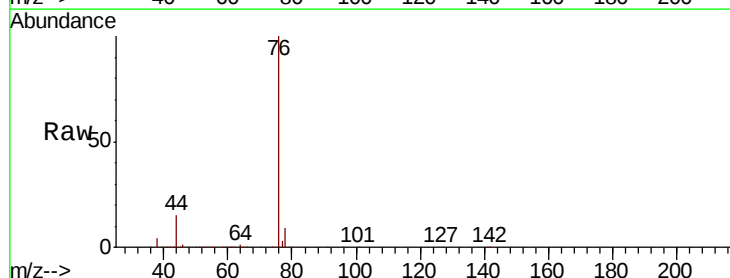
Acq: 30 Mar 2019 20:11

Tgt Ion: 76 Resp: 543072

Ion Ratio Lower Upper

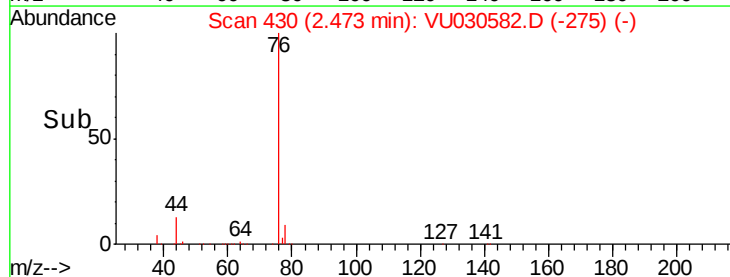
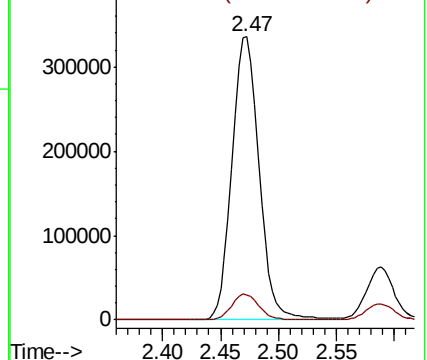
76 100

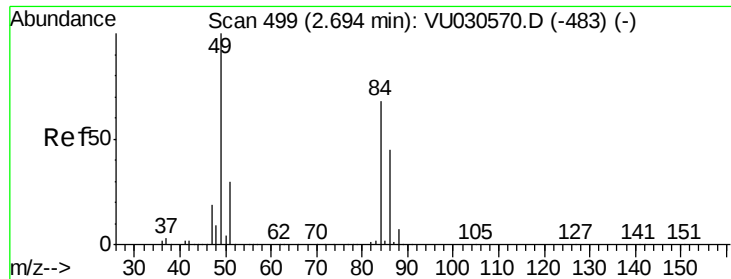
78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU030570.D (-416) (-)

Ion 78.00 (77.70 to 78.70): VU030570.D (-416) (-)

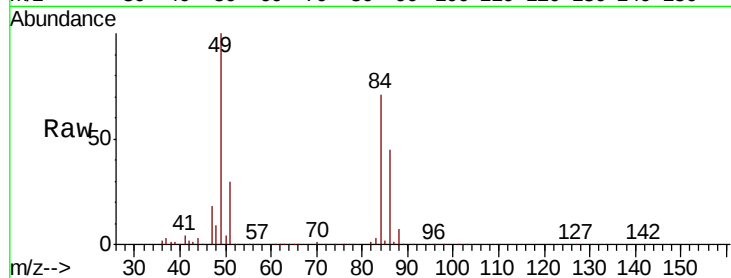




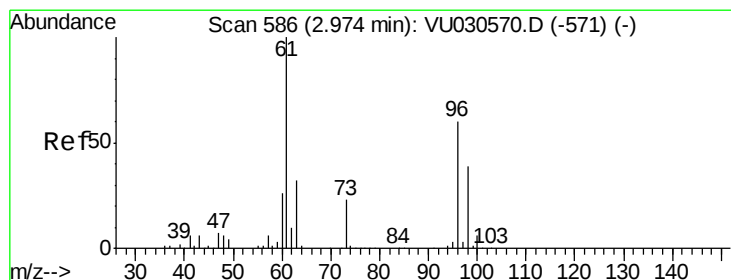
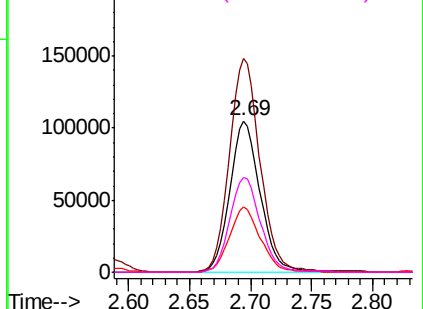
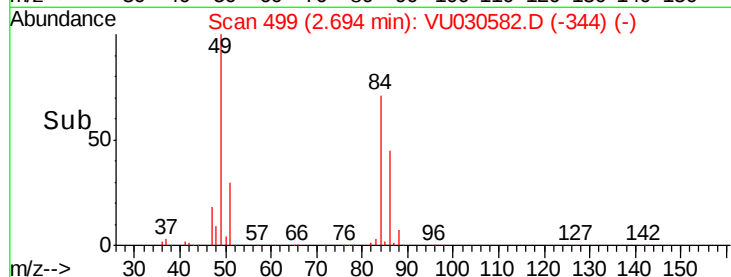
#15
Methvlene Chloride
Concen: 9.249 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 182175
Ion Ratio Lower Upper
84 100
49 141.0 117.0 175.6
51 42.8 0.0 88.6
86 63.0 52.2 78.2

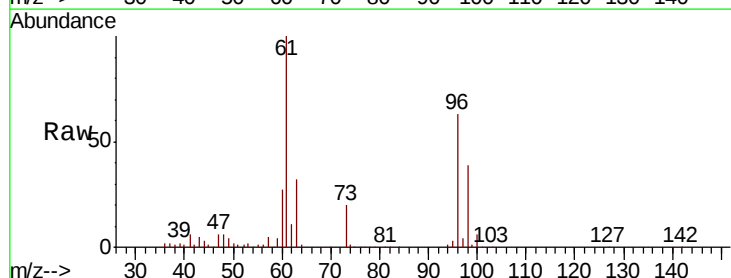


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

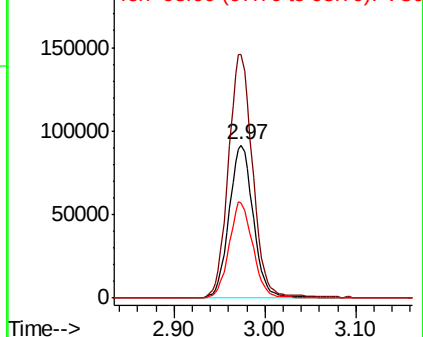
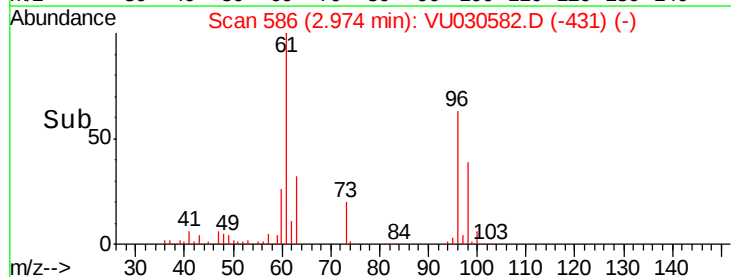


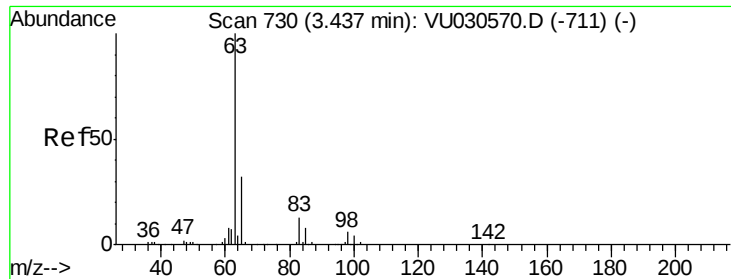
#16
trans-1,2-Dichloroethene
Concen: 9.704 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion: 96 Resp: 170263
Ion Ratio Lower Upper
96 100
61 158.7 132.3 198.5
98 62.1 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 9.924 ug/l

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

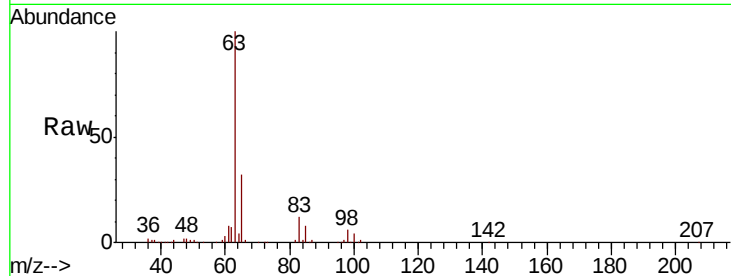
Tot Ion: 63 Resp: 353532

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

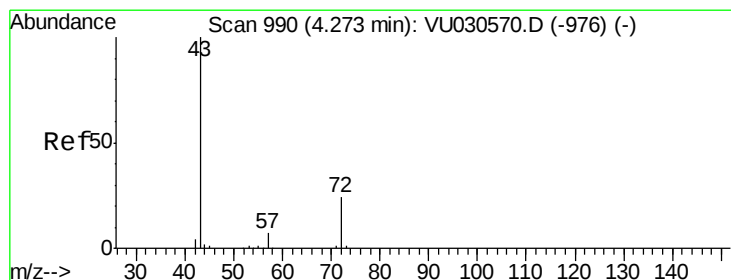
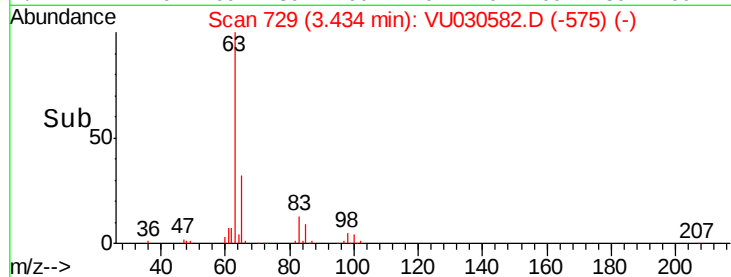
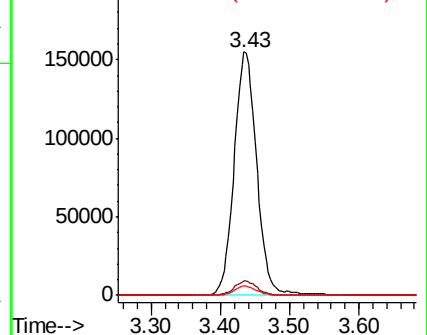
100 3.9 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VU030570.D (-711) (-)

Ion 98.00 (97.70 to 98.70): VU030570.D (-711) (-)

Ion 100.00 (99.70 to 100.70): VU030570.D (-711) (-)



#18

2-Butanone

Concen: 57.424 ug/l

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU030582.D

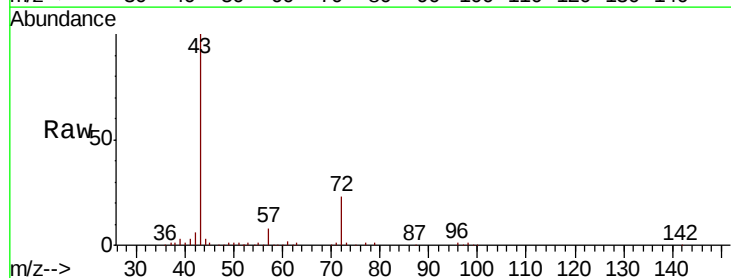
Acq: 30 Mar 2019 20:11

Tgt Ion: 43 Resp: 306796

Ion Ratio Lower Upper

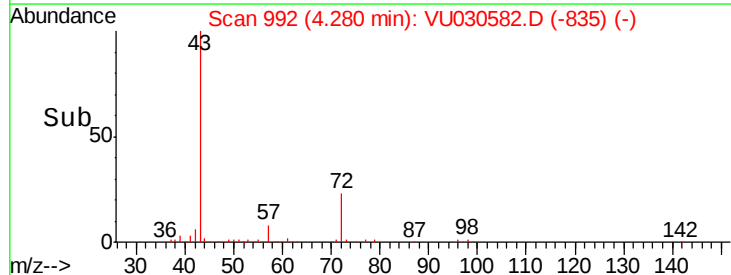
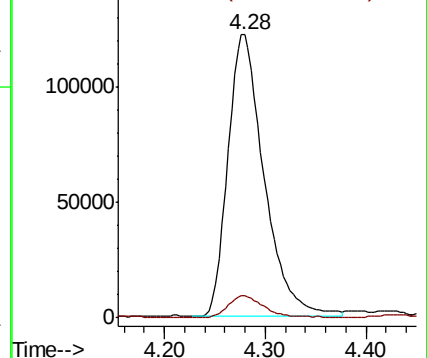
43 100

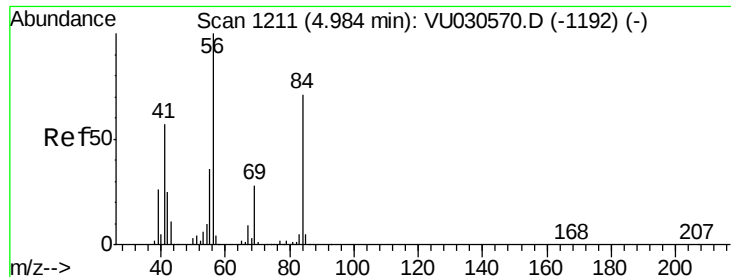
57 7.8 0.0 14.4



Abundance Ion 43.00 (42.70 to 43.70): VU030570.D (-976) (-)

Ion 57.00 (56.70 to 57.70): VU030570.D (-976) (-)

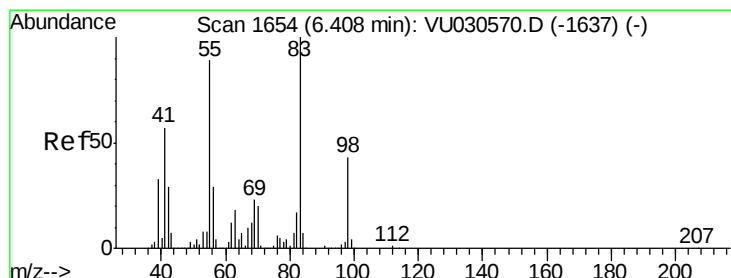
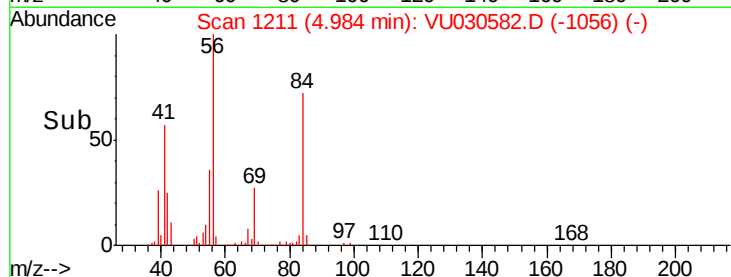
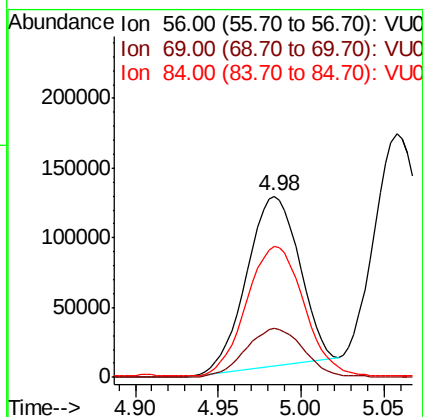
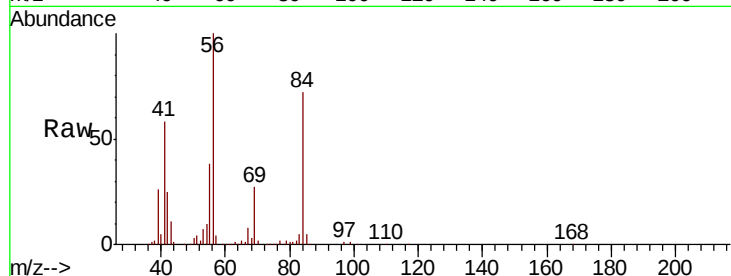




#19
Cyclohexane
Concen: 9.015 ug/l
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

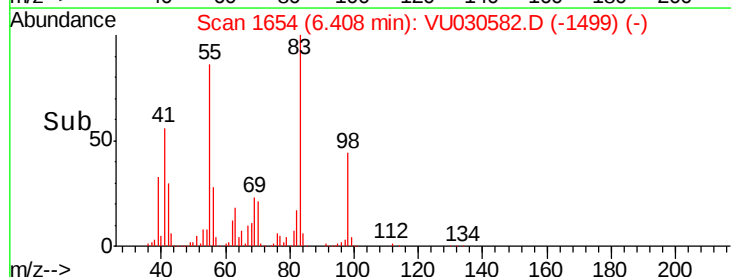
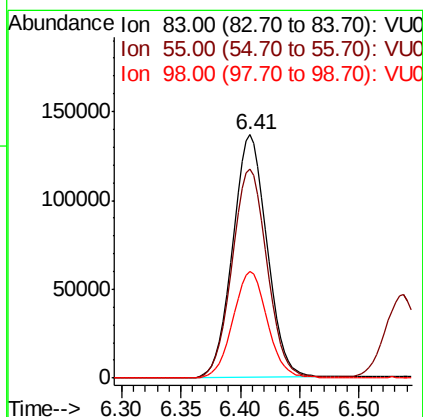
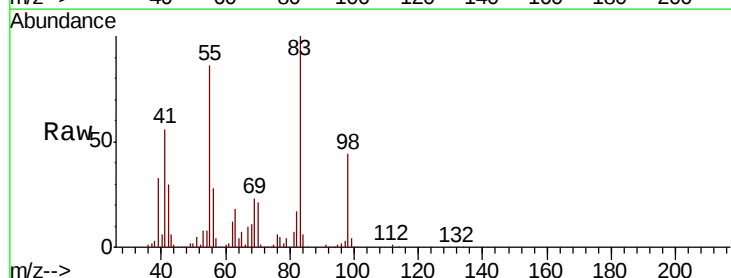
Instrument :
MSVOA_U
ClientSampled :

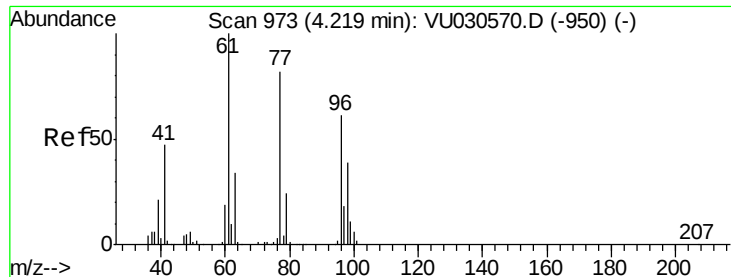
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	22.3	33.5
84	83.3	57.6	86.4



#20
Methylcyclohexane
Concen: 10.349 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.8	72.0	108.0
98	43.7	35.0	52.4





#21

2,2-Dichloropropane

Concen: 8.311 ug/l

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

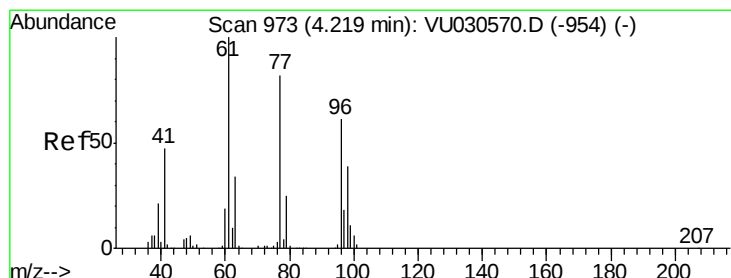
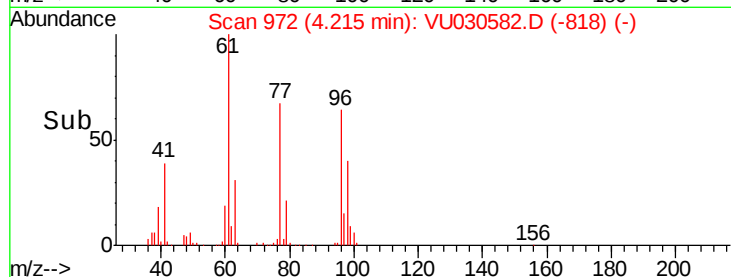
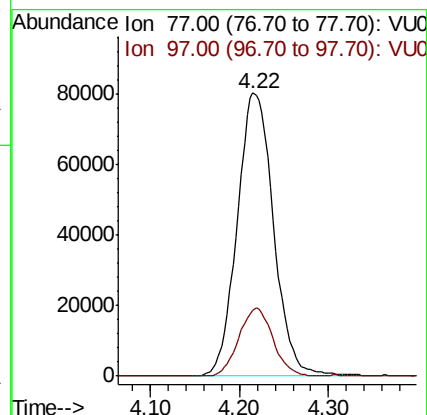
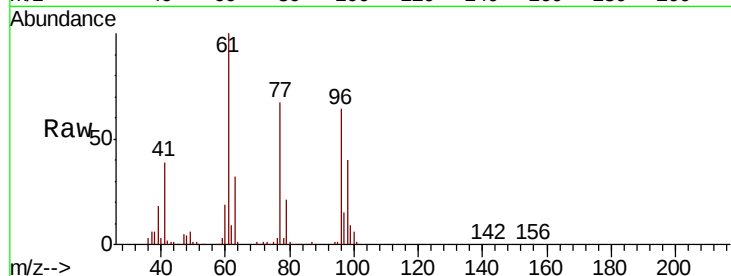
ClientSampleId :

Tot Ion: 77 Resp: 227576

Ion Ratio Lower Upper

77 100

97 22.7 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 9.958 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

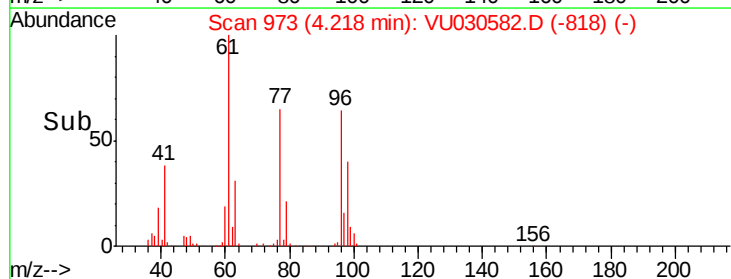
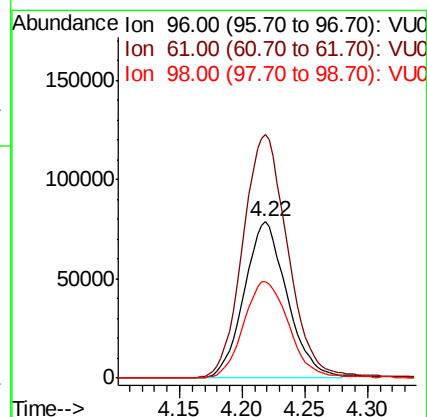
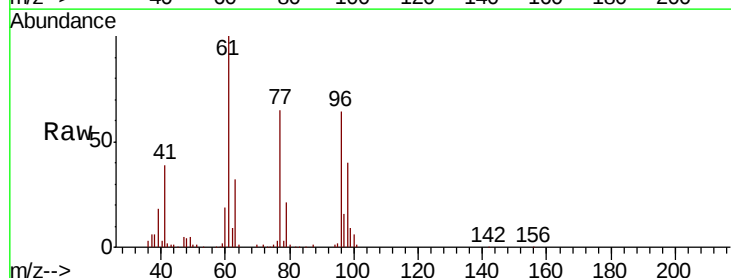
Tgt Ion: 96 Resp: 187631

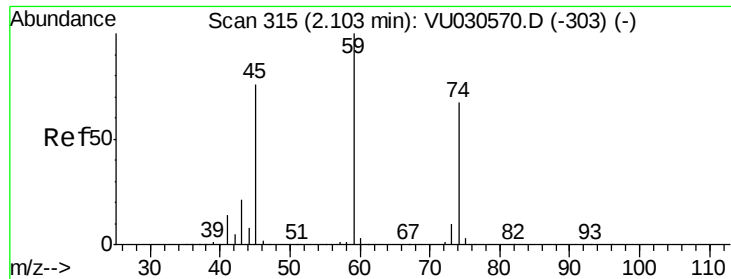
Ion Ratio Lower Upper

96 100

61 164.7 0.0 427.0

98 65.3 32.5 97.4

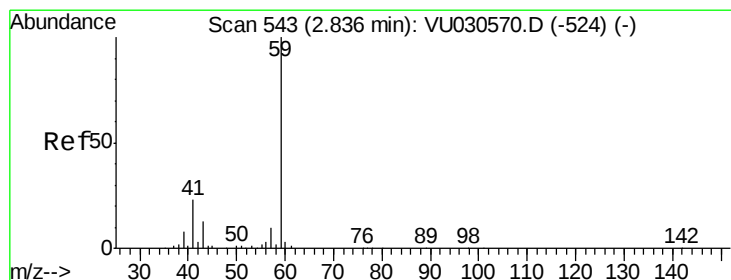
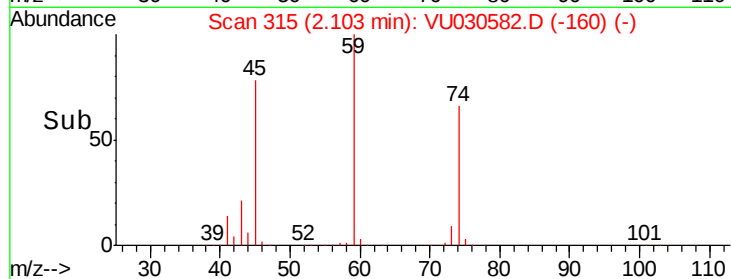
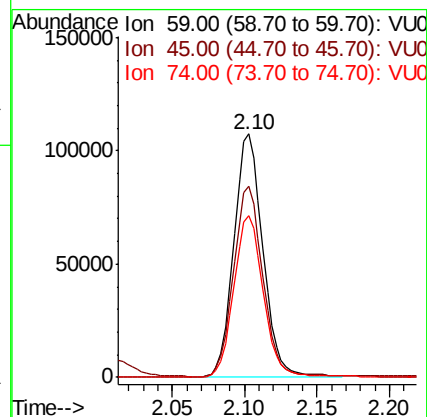
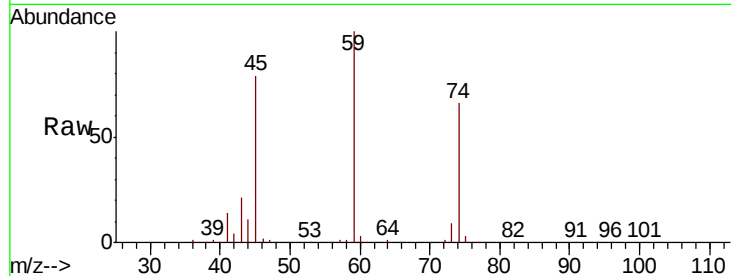




#23
Diethyl Ether
Concen: 10.137 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

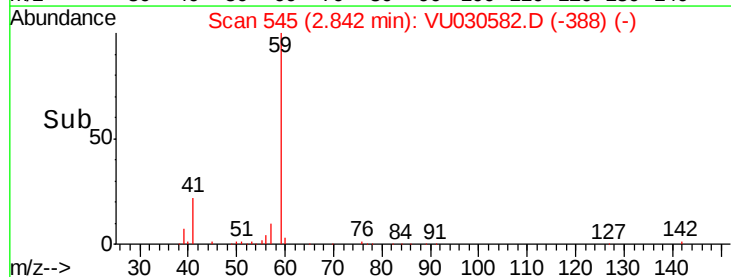
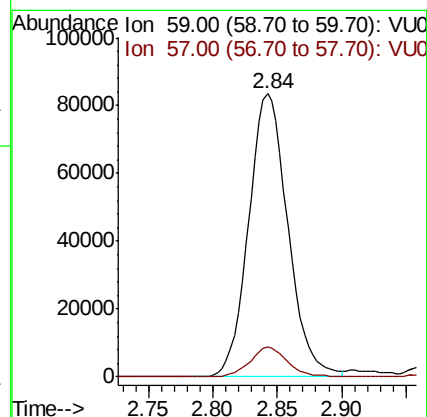
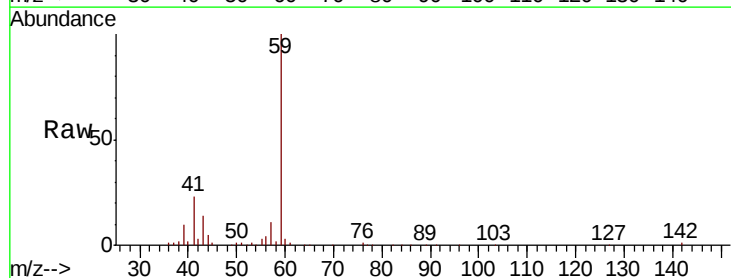
Instrument :
MSVOA_U
ClientSampled :

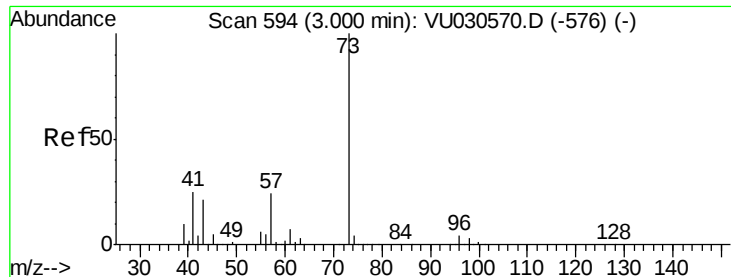
Tot Ion: 59 Resp: 149614
Ion Ratio Lower Upper
59 100
45 78.0 61.6 92.4
74 67.2 53.2 79.8



#24
tert-Butyl Alcohol
Concen: 116.233 ug/l
RT: 2.84 min Scan# 545
Delta R.T. 0.01 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion: 59 Resp: 177604
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6



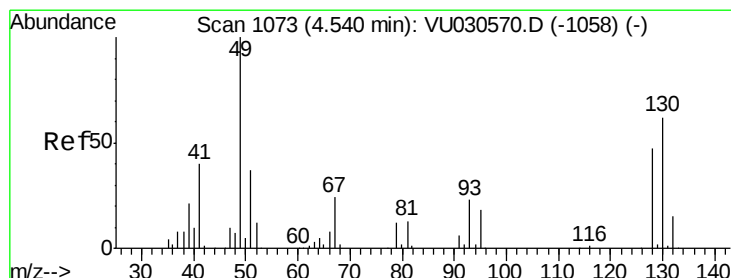
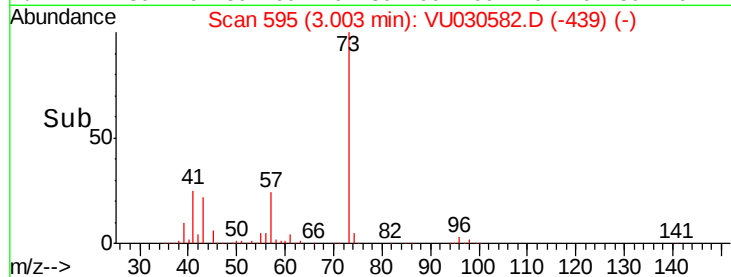
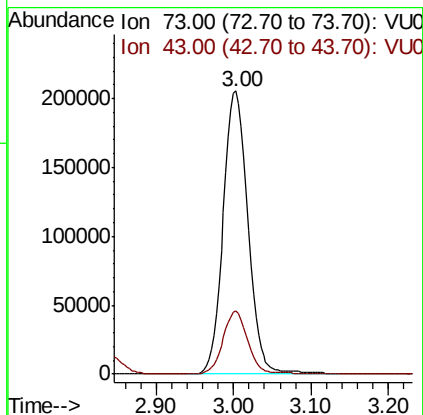
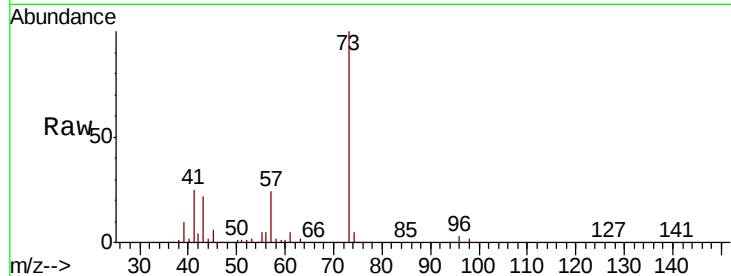


#25

Methyl tert-Butyl Ether
 Concen: 10.210 ug/l
 RT: 3.00 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Instrument :
 MSVOA_U
 ClientSampleId :

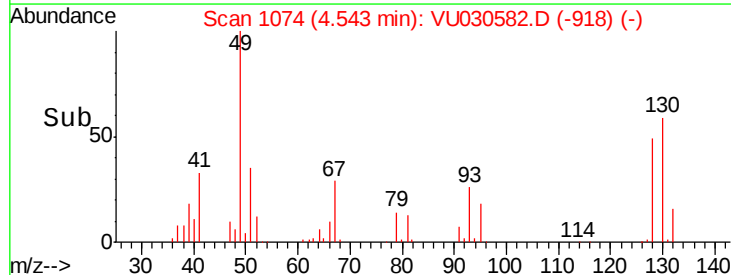
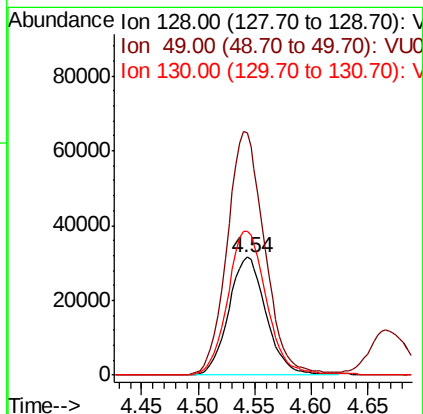
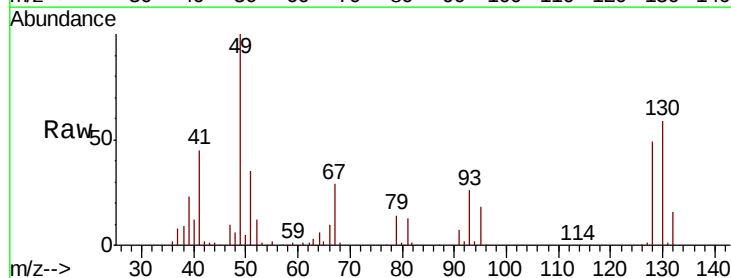
Tot Ion: 73 Resp: 459057
 Ion Ratio Lower Upper
 73 100
 43 21.4 16.6 24.8

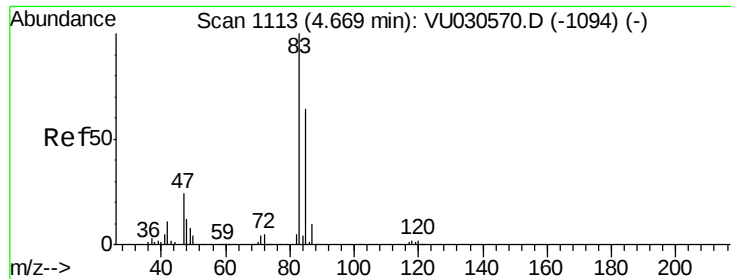


#26

Bromochloromethane
 Concen: 9.861 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion: 128 Resp: 72763
 Ion Ratio Lower Upper
 128 100
 49 206.7 0.0 418.2
 130 125.7 103.4 155.0

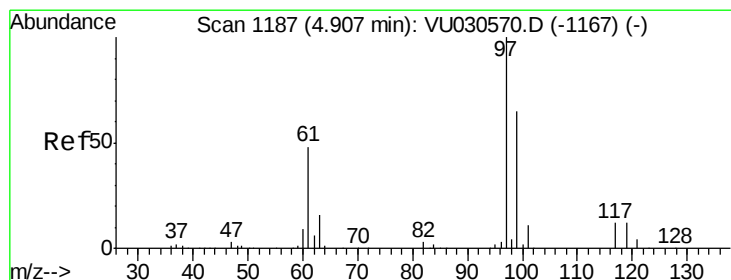
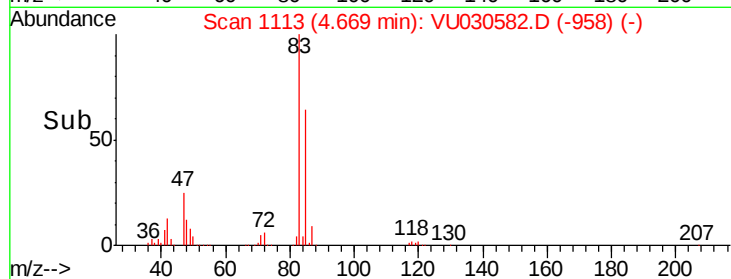
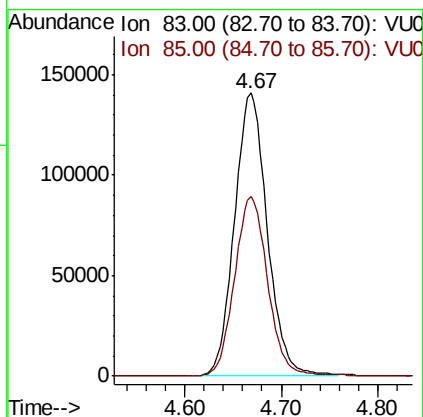
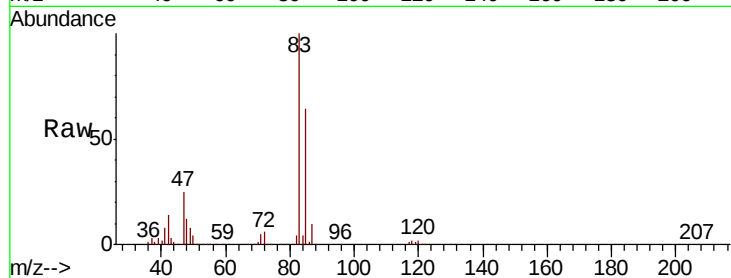




#27
Chloroform
Concen: 9.982 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

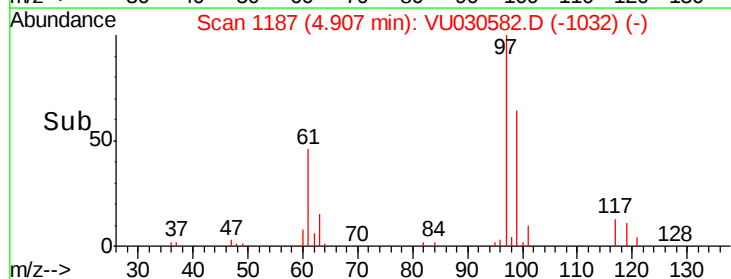
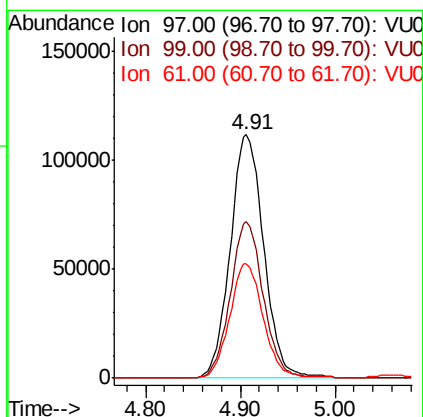
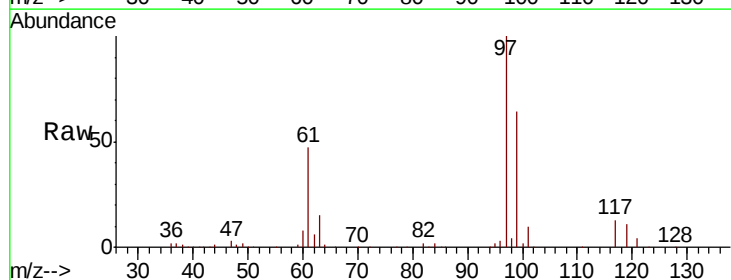
Instrument :
MSVOA_U
ClientSampleId :

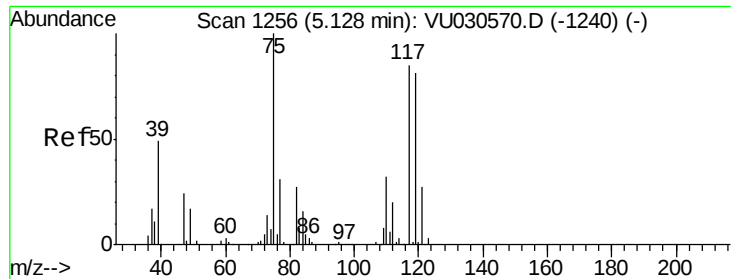
Tot Ion: 83 Resp: 332209
Ion Ratio Lower Upper
83 100
85 63.5 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 10.042 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion: 97 Resp: 275902
Ion Ratio Lower Upper
97 100
99 62.7 32.0 96.0
61 46.9 24.0 72.0

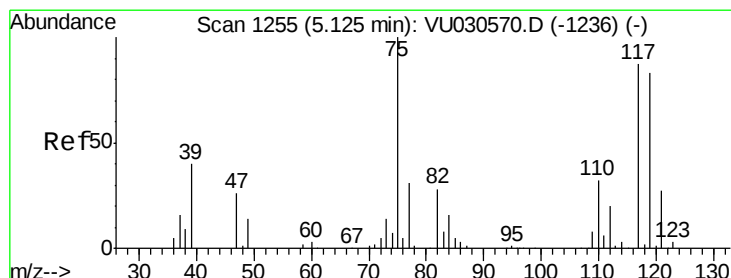
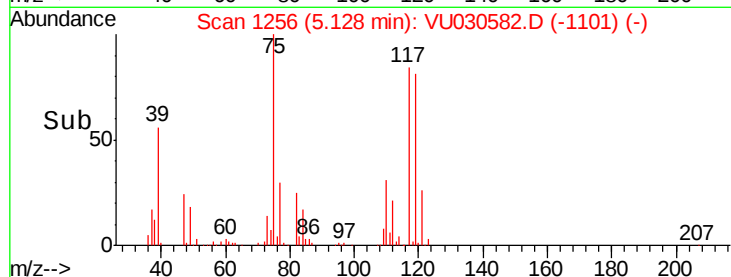
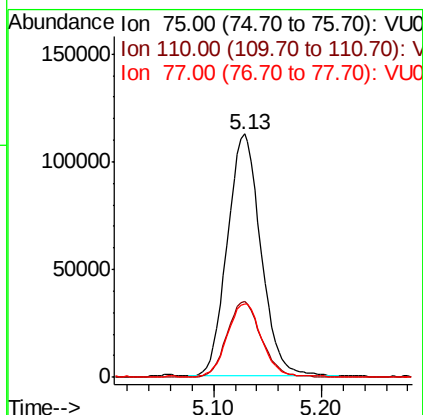
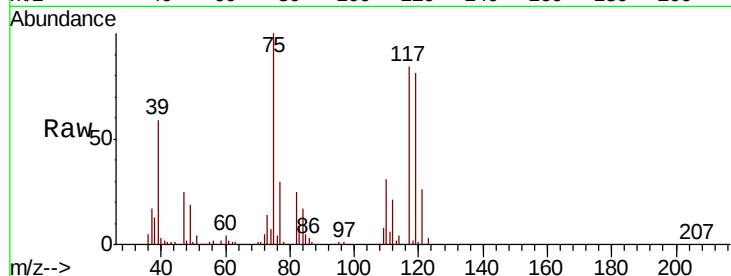




#29
 1,1-Dichloropropene
 Concen: 9.885 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

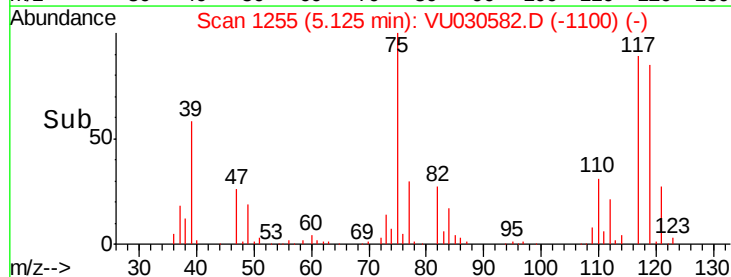
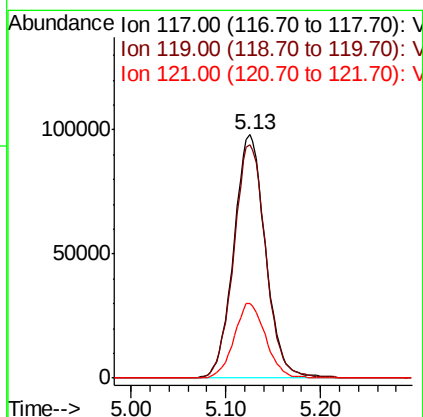
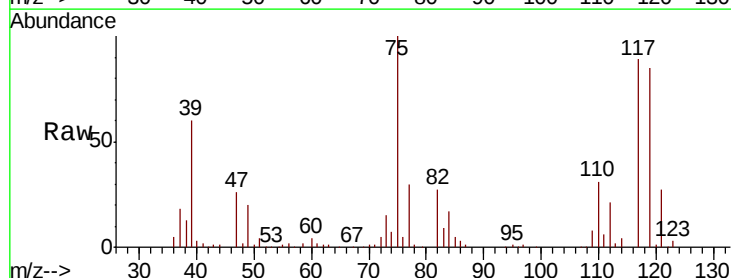
Instrument :
 MSVOA_U
 ClientSampled :

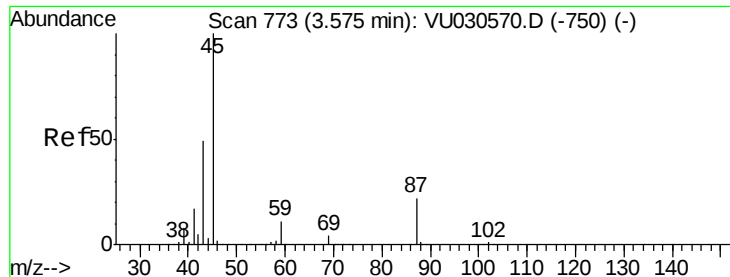
Tot Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.0	48.0
77	30.9	24.8	37.2



#30
 Carbon Tetrachloride
 Concen: 9.945 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.4	114.6
121	30.9	24.7	37.1





#31

Isopropyl Ether

Concen: 10.211 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

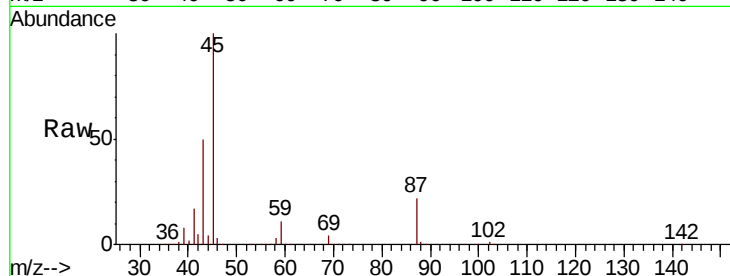
ClientSampled :

Tot Ion: 45 Resp: 605876

Ion Ratio Lower Upper

45 100

43 49.4 25.0 75.0



Abundance Ion 45.00 (44.70 to 45.70): VU030570.D (-750) (-)

Ion 43.00 (42.70 to 43.70): VU030570.D (-750) (-)

3.58

250000

200000

150000

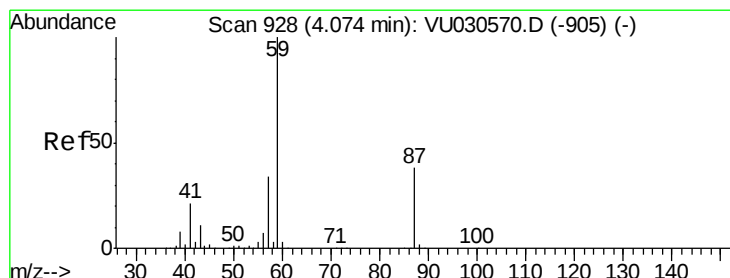
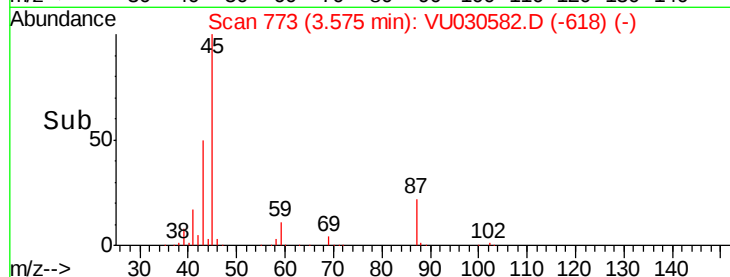
100000

50000

0

3.50 3.60 3.70

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.547 ug/l

RT: 4.07 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU030582.D

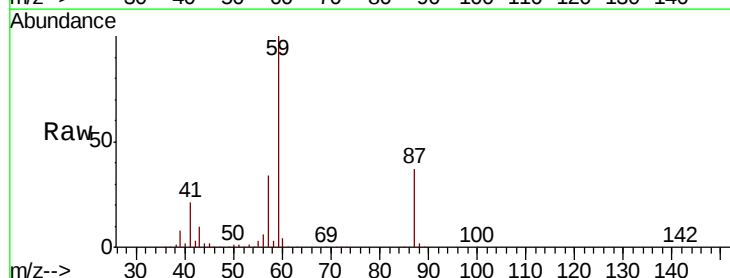
Acq: 30 Mar 2019 20:11

Tgt Ion: 59 Resp: 498446

Ion Ratio Lower Upper

59 100

87 36.7 30.1 45.1



Abundance Ion 59.00 (58.70 to 59.70): VU030570.D (-905) (-)

Ion 87.00 (86.70 to 87.70): VU030570.D (-905) (-)

4.07

200000

150000

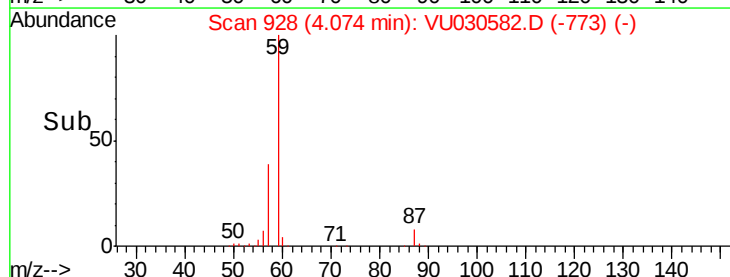
100000

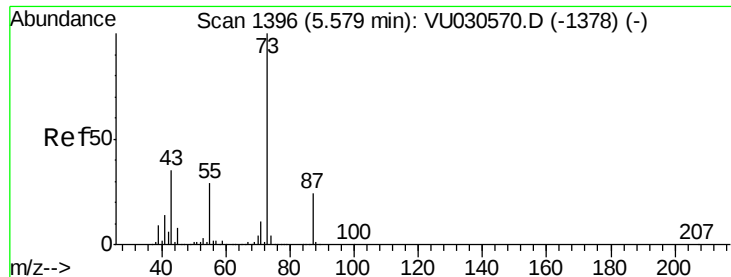
50000

0

4.00 4.10 4.20

Time-->

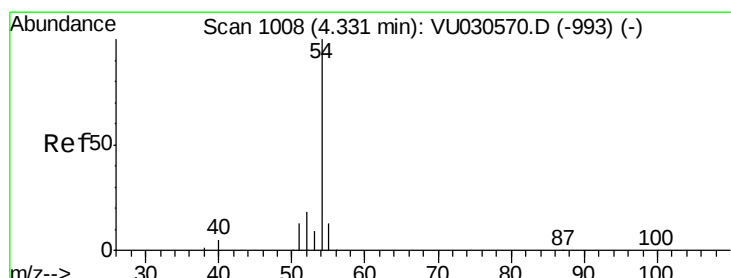
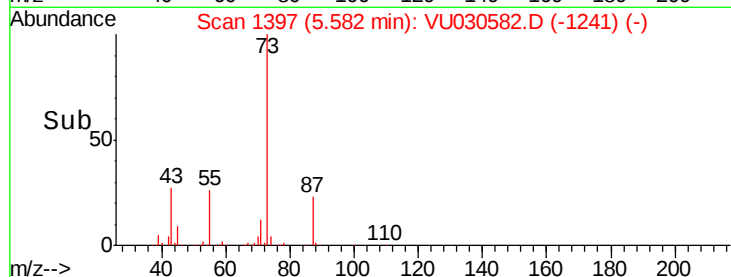
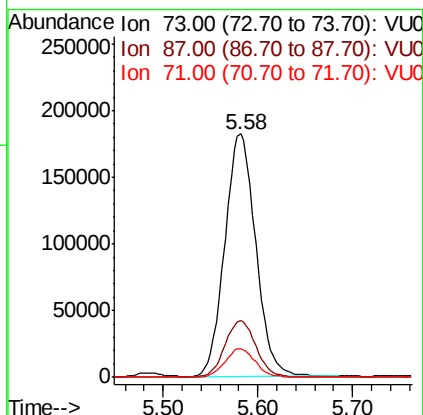
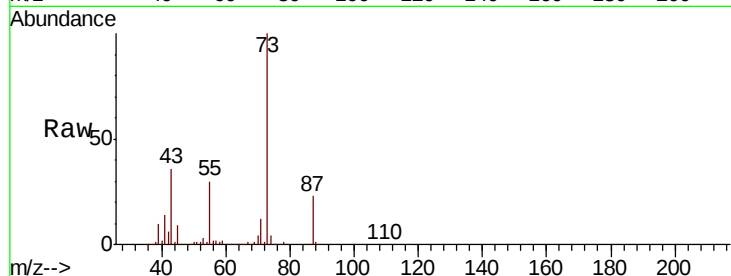




#33
Tert-Butyl methyl ether
Concen: 10.936 ug/l
RT: 5.58 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

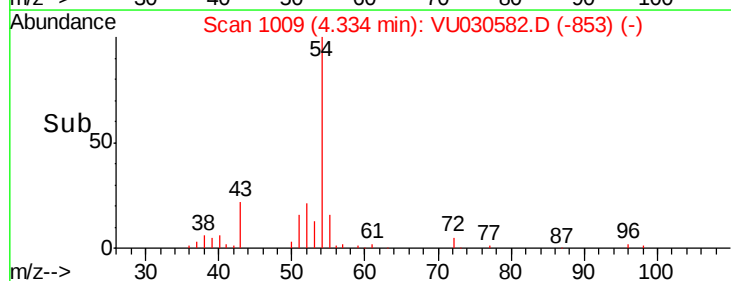
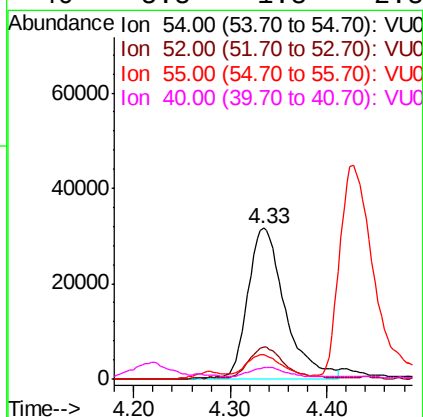
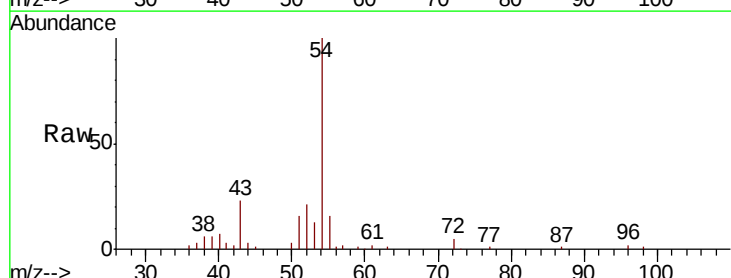
Instrument :
MSVOA_U
ClientSampled :

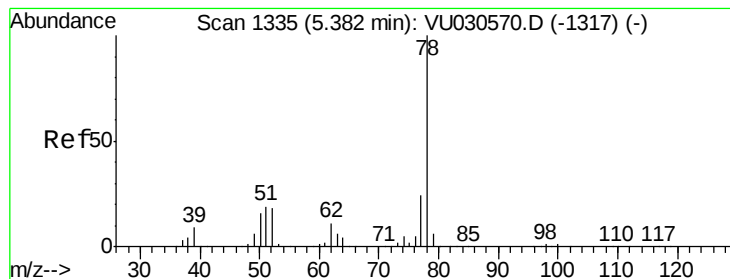
Tot Ion: 73 Resp: 413872
Ion Ratio Lower Upper
73 100
87 23.4 18.6 27.8
71 11.7 9.0 13.4



#34
Propionitrile
Concen: 58.528 ug/l
RT: 4.33 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion: 54 Resp: 85006
Ion Ratio Lower Upper
54 100
52 18.4 14.1 21.1
55 13.1 10.4 15.6
40 5.8 1.8 2.8#





#35

Benzene

Concen: 10.004 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

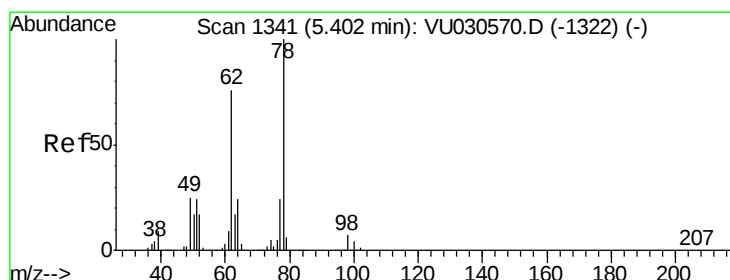
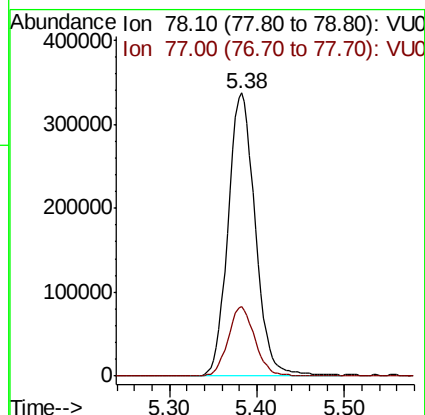
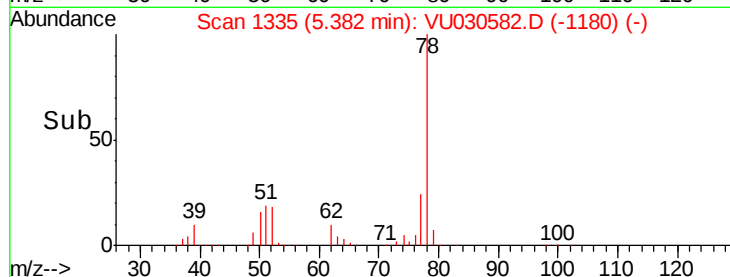
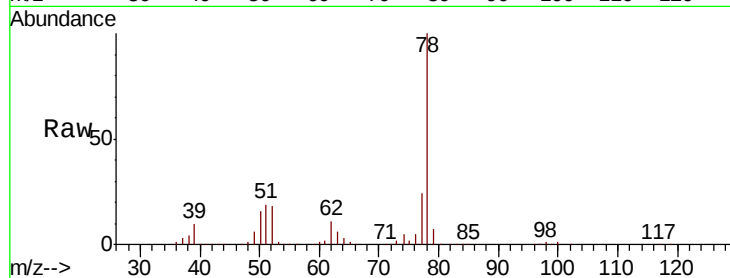
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 729037

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3



#36

1,2-Dichloroethane

Concen: 9.952 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU030582.D

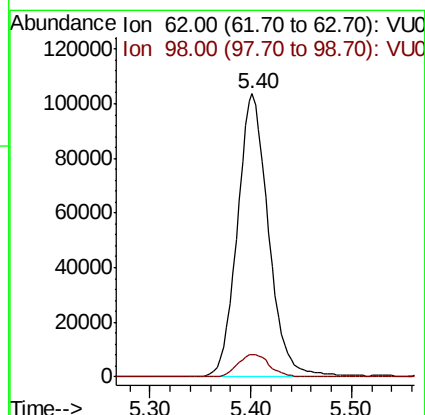
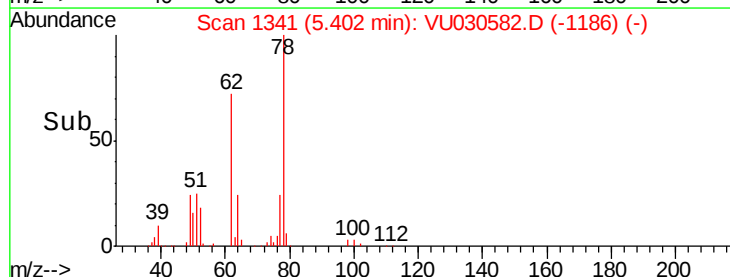
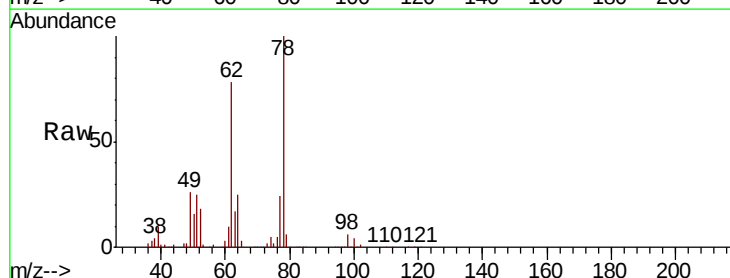
Acq: 30 Mar 2019 20:11

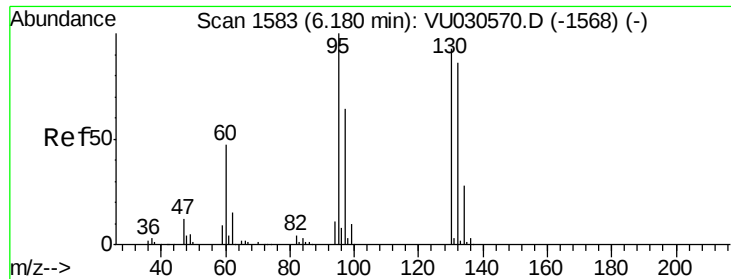
Tgt Ion: 62 Resp: 221528

Ion Ratio Lower Upper

62 100

98 8.3 6.8 10.2

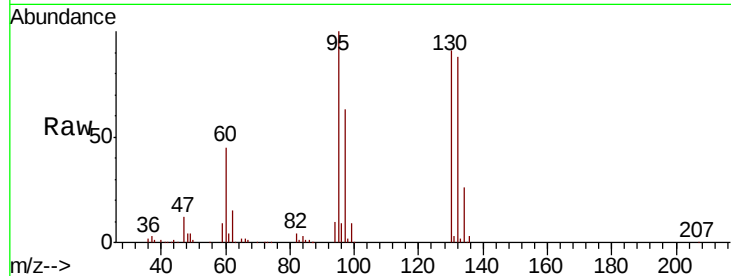




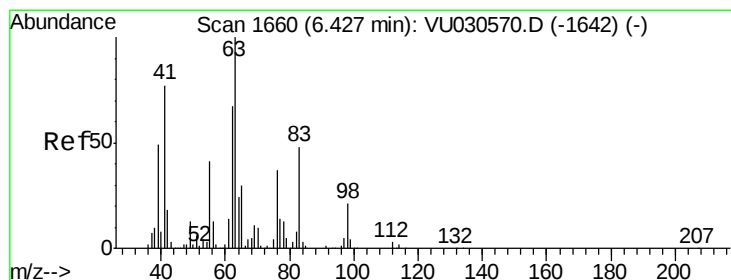
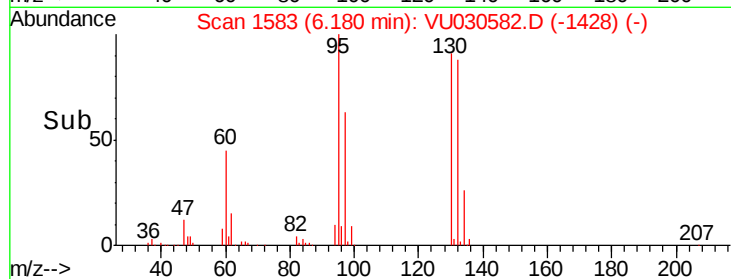
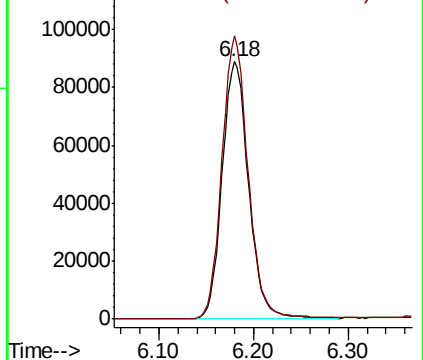
#37
 Trichloroethene
 Concen: 9.950 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:130 Resp: 173946
 Ion Ratio Lower Upper
 130 100
 95 110.0 85.8 128.8

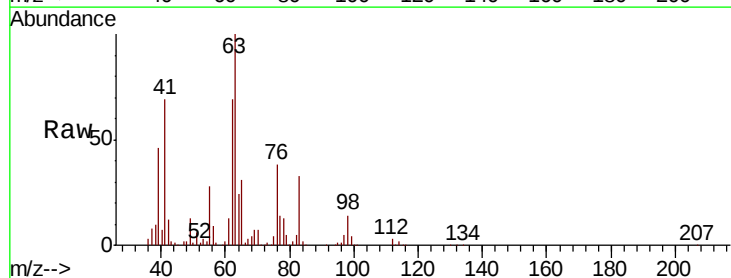


Abundance Ion 129.90 (129.60 to 130.60): VU030570.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU030570.D (-1568) (-)

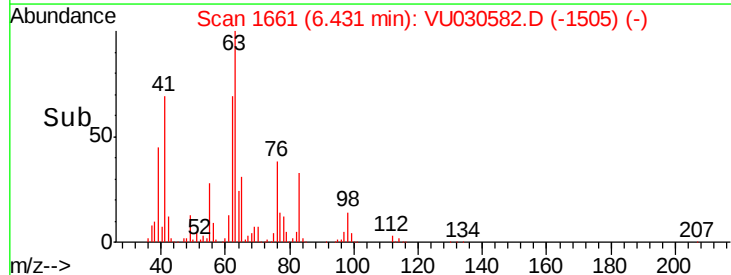
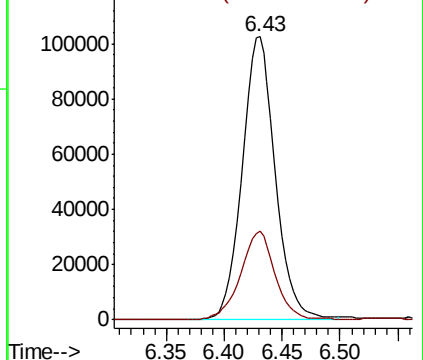


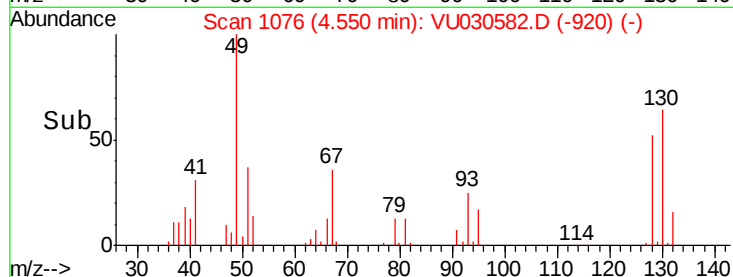
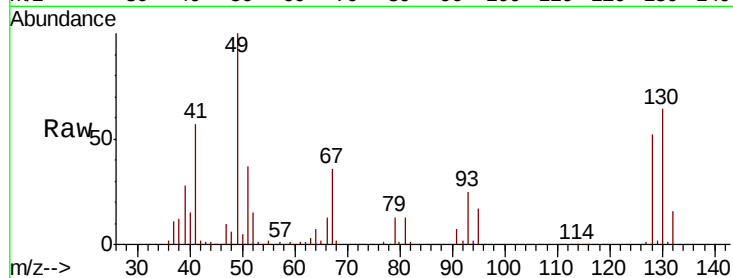
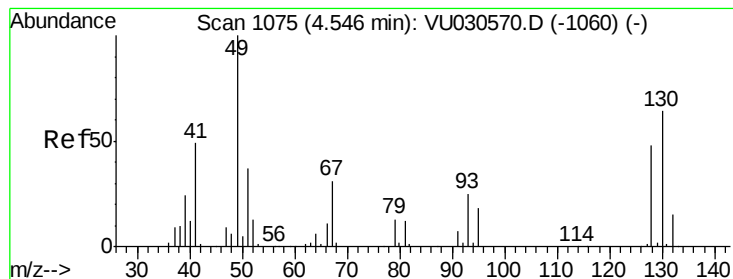
#38
 1,2-Dichloropropane
 Concen: 10.085 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion: 63 Resp: 203569
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.9 35.9



Abundance Ion 63.00 (62.70 to 63.70): VU030570.D (-1642) (-)
 Ion 65.00 (64.70 to 65.70): VU030570.D (-1642) (-)





#39

Methacrylonitrile

Concen: 11.621 ug/l

RT: 4.55 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 41 Resp: 76150

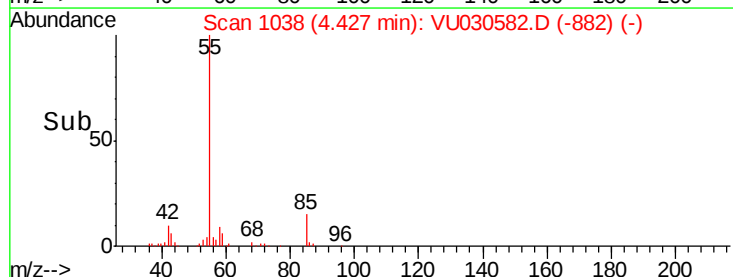
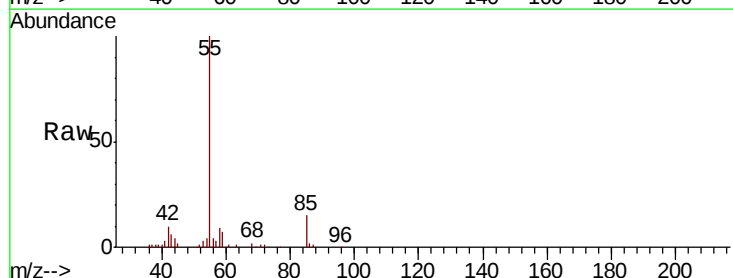
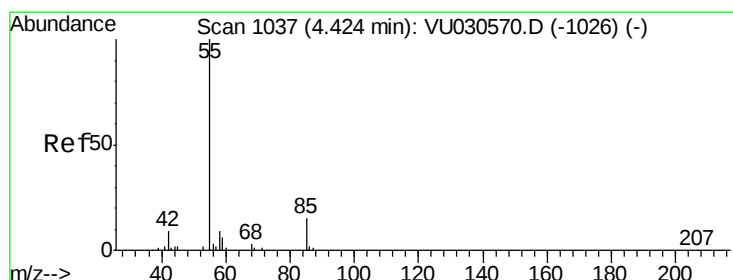
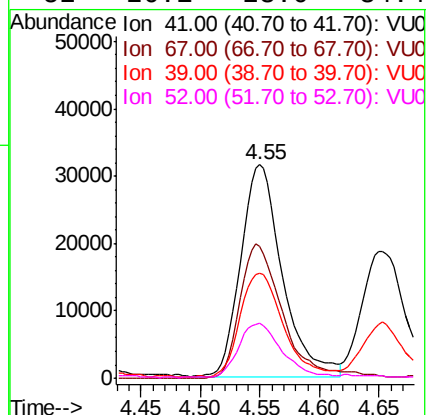
Ion Ratio Lower Upper

41 100

67 66.0 50.2 75.4

39 50.9 40.7 61.1

52 26.1 23.0 34.4



#40

Methyl acrylate

Concen: 12.008 ug/l

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Tgt Ion: 55 Resp: 107597

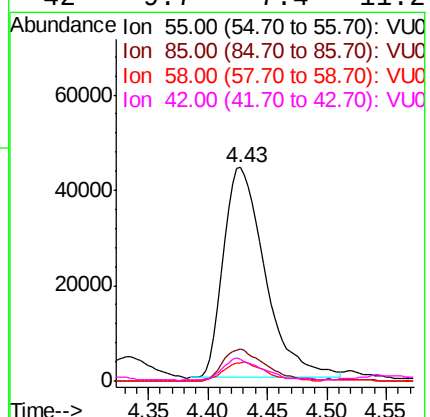
Ion Ratio Lower Upper

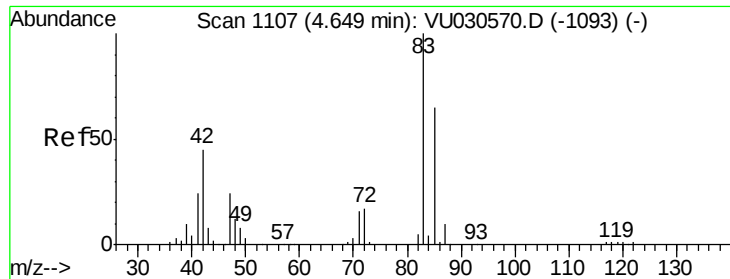
55 100

85 15.1 12.5 18.7

58 8.8 6.3 9.5

42 9.7 7.4 11.2





#41

Tetrahydrofuran

Concen: 21.903 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :
MSVOA_U
ClientSampled :

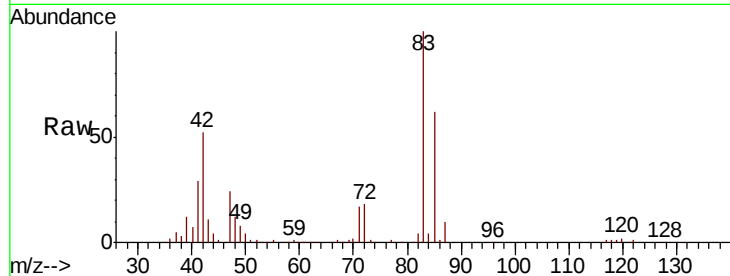
Tot Ion: 42 Resp: 81408

Ion Ratio Lower Upper

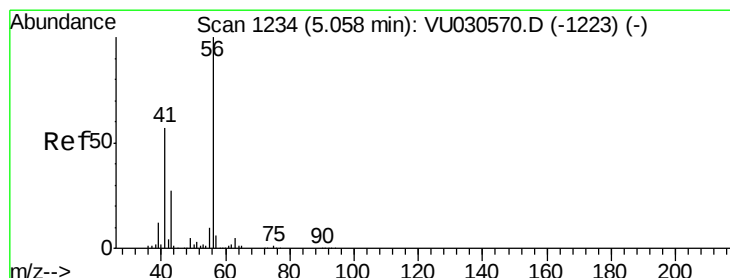
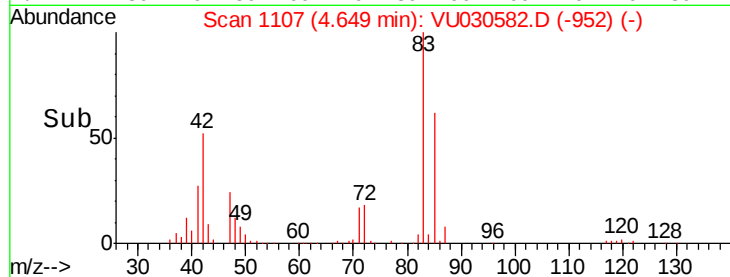
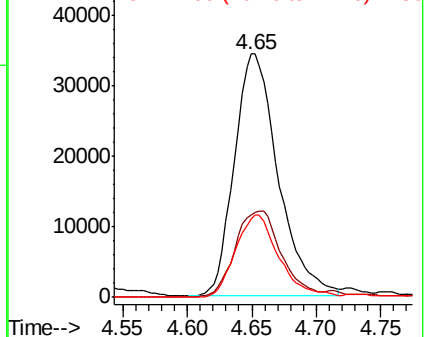
42 100

72 37.6 33.4 50.0

71 33.6 28.8 43.2



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



#42

1-Chlorobutane

Concen: 10.365 ug/l

RT: 5.06 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VU030582.D

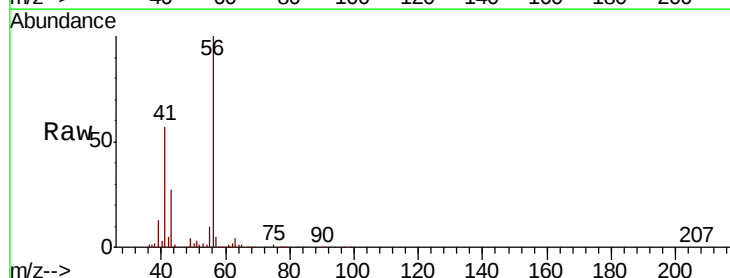
Acq: 30 Mar 2019 20:11

Tgt Ion: 56 Resp: 382350

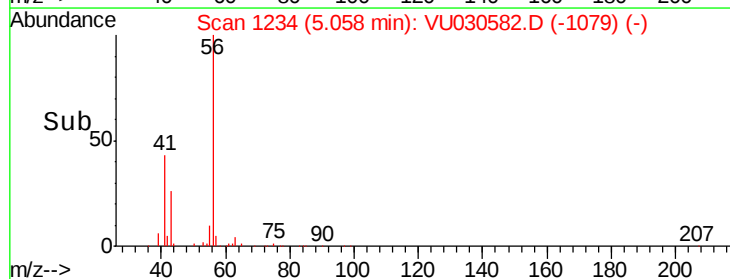
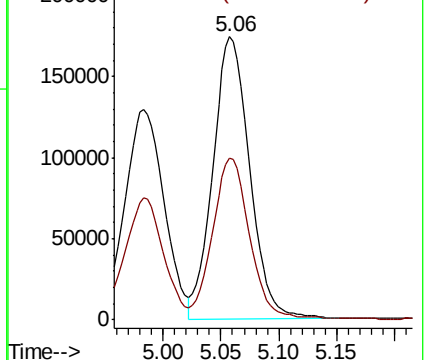
Ion Ratio Lower Upper

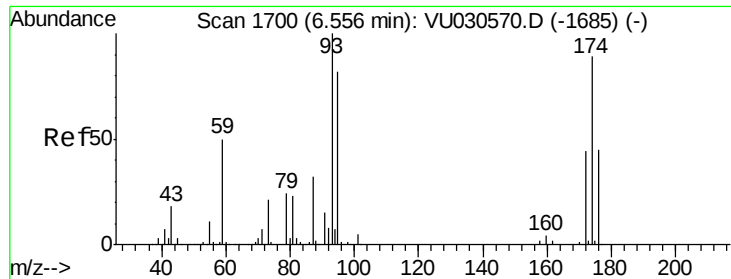
56 100

41 57.8 28.5 85.6



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.204 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

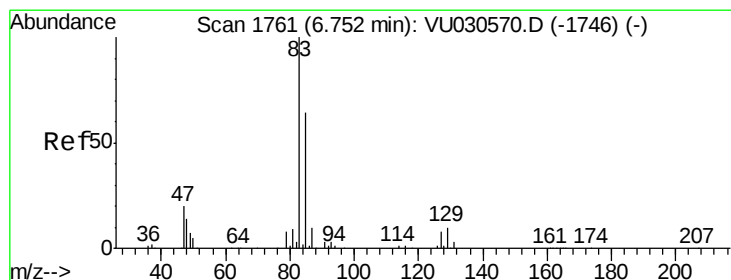
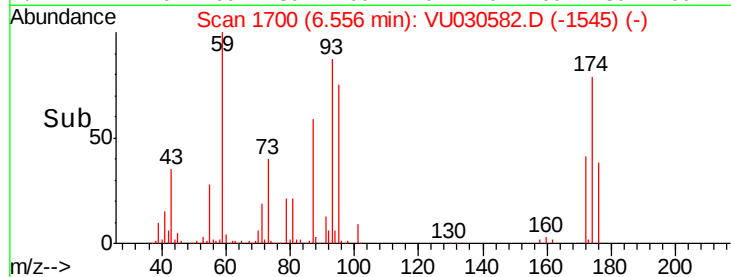
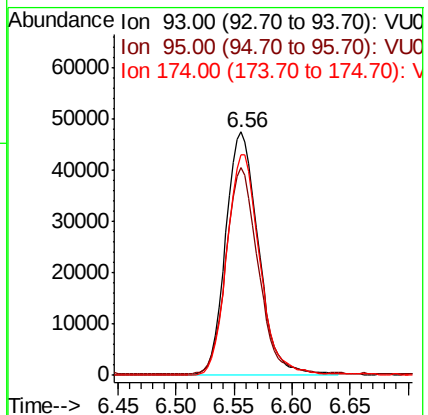
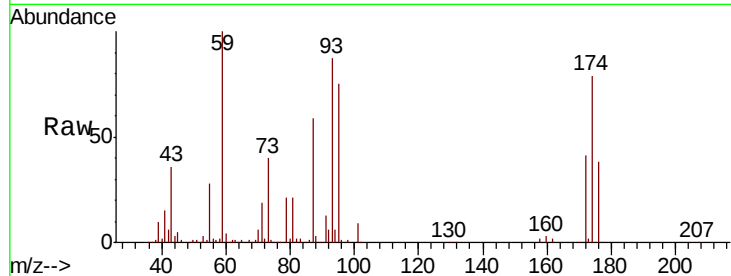
Tot Ion: 93 Resp: 93385

Ion Ratio Lower Upper

93 100

95 82.8 63.9 95.9

174 90.5 71.0 106.4



#44

Bromodichloromethane

Concen: 9.938 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

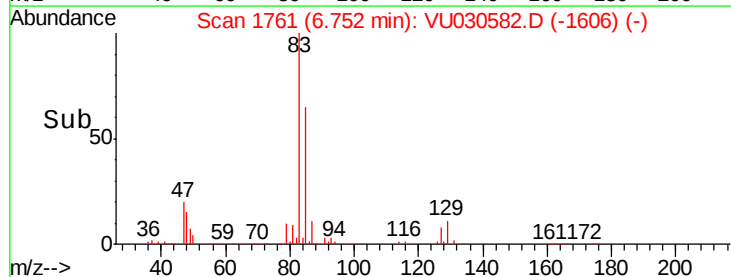
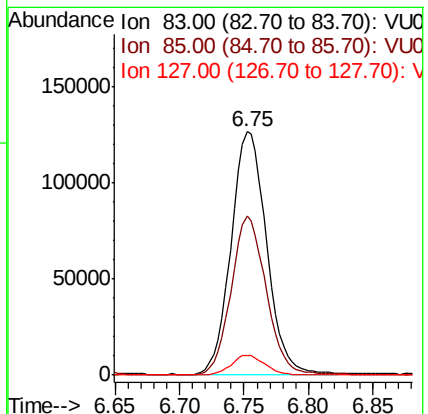
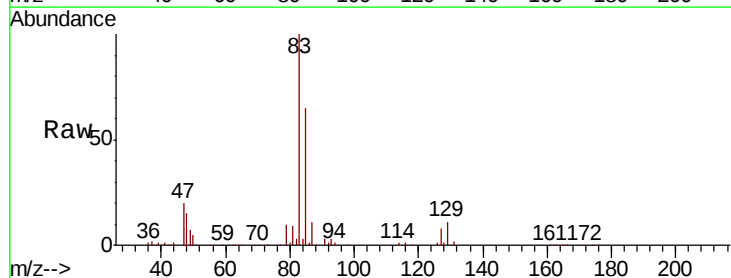
Tgt Ion: 83 Resp: 240692

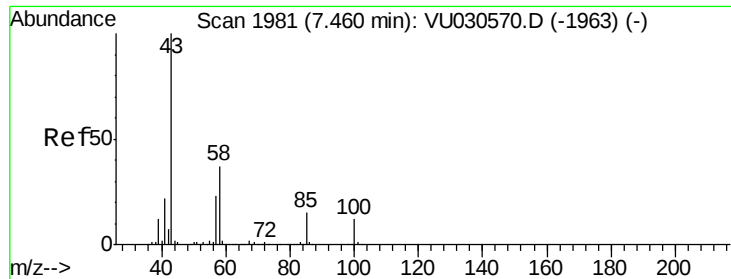
Ion Ratio Lower Upper

83 100

85 65.5 51.1 76.7

127 8.1 6.1 9.1

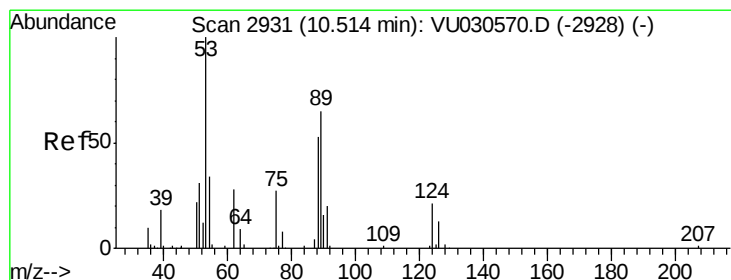
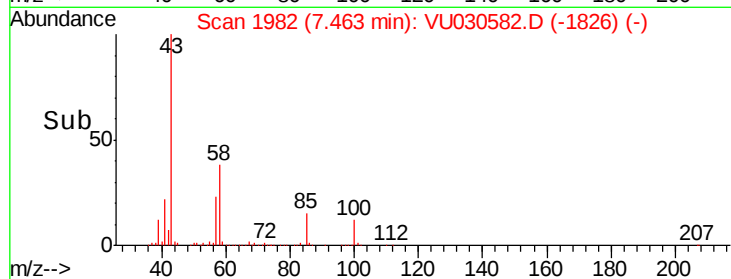
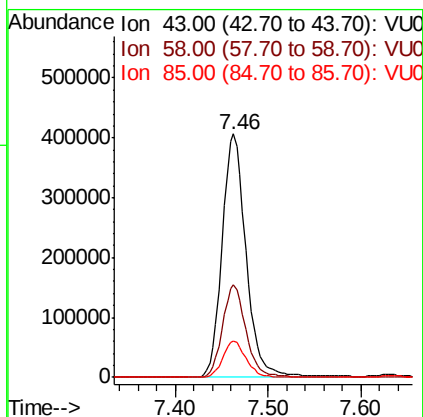
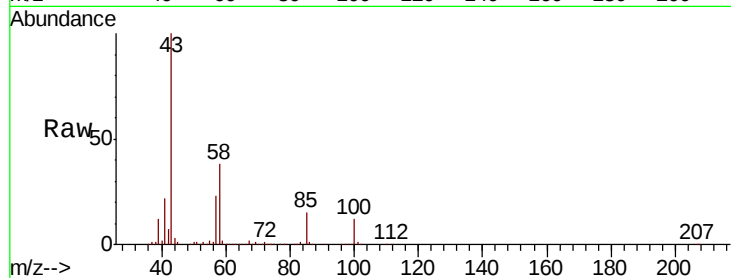




#45
4-Methyl-2-Pentanone
Concen: 57.934 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

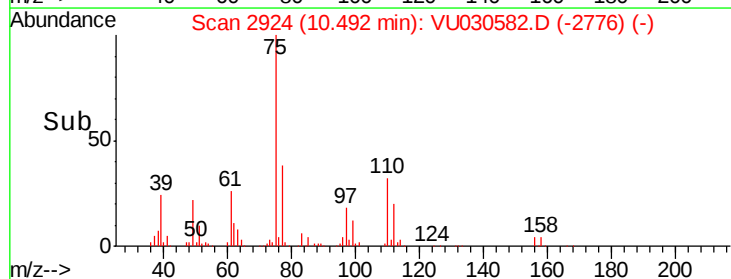
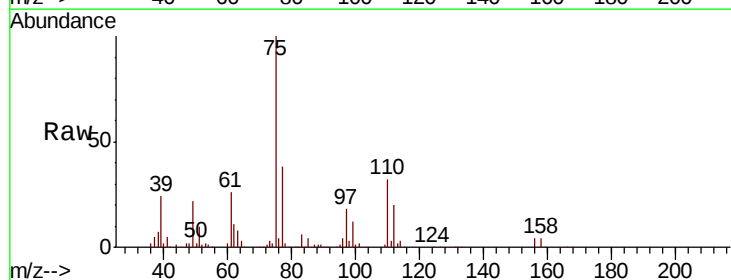
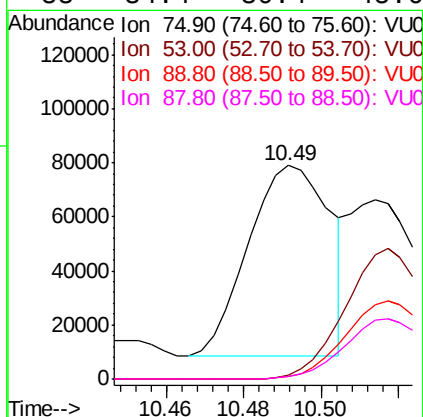
Instrument :
MSVOA_U
ClientSampleId :

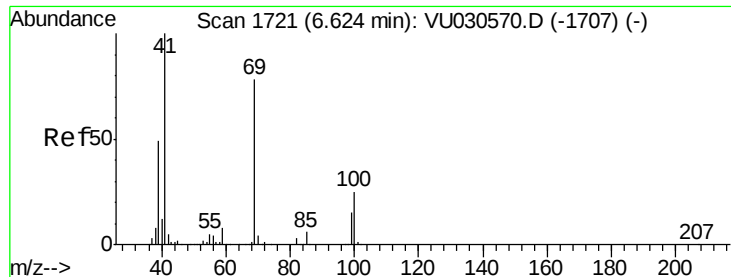
Tot Ion: 43 Resp: 729097
Ion Ratio Lower Upper
43 100
58 37.2 18.6 55.8
85 14.7 11.8 17.6



#46
t-1,4-Dichloro-2-butene
Concen: 25.577 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion: 75 Resp: 103301
Ion Ratio Lower Upper
75 100
53 71.9 63.4 95.2
89 43.7 39.1 58.7
88 34.4 30.4 45.6

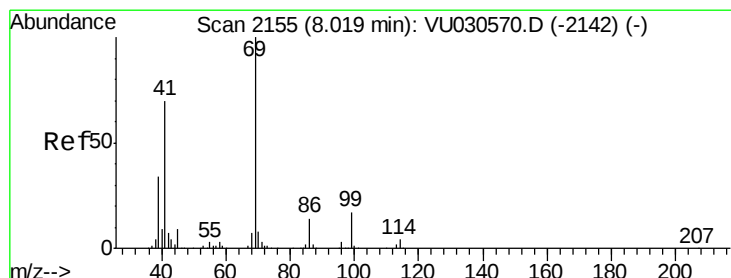
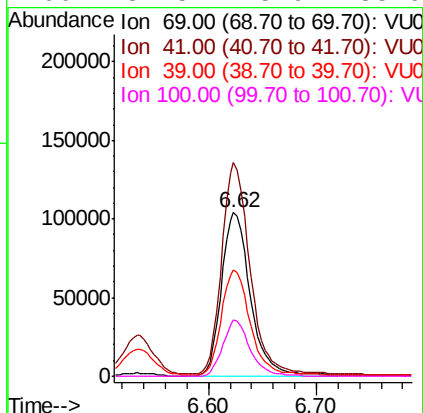
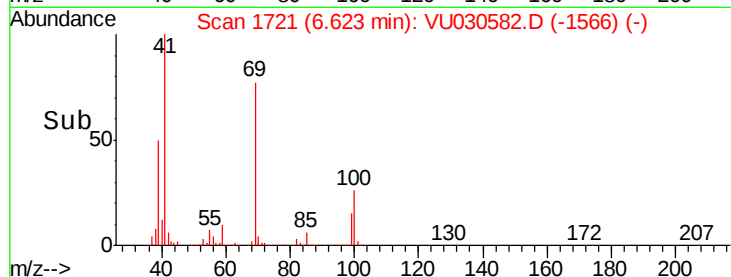
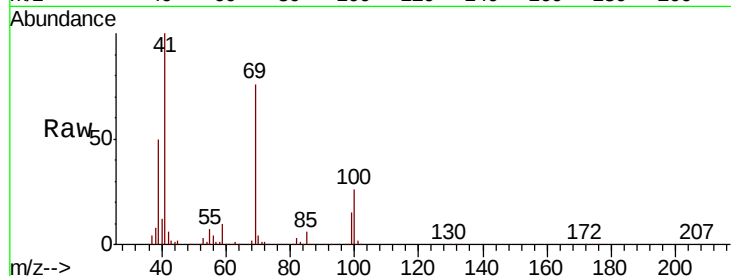




#47
Methvl methacrylate
Concen: 24.901 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

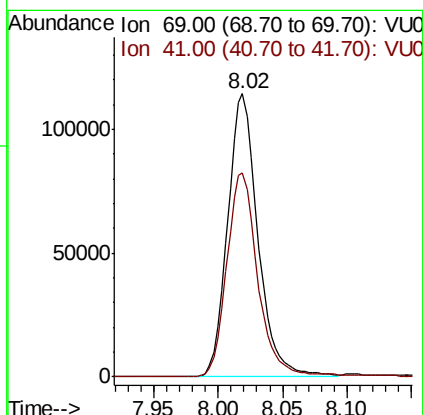
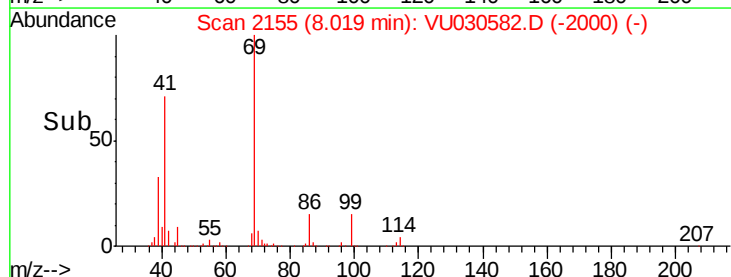
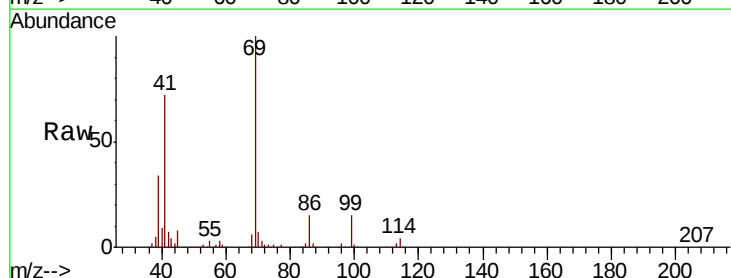
Instrument :
MSVOA_U
ClientSampleId :

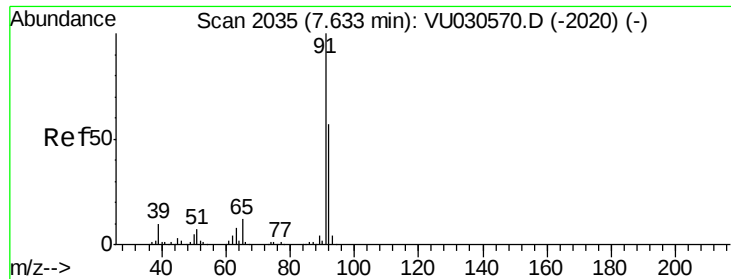
Tot Ion: 69 Resp: 193290
Ion Ratio Lower Upper
69 100
41 126.1 0.0 258.0
39 63.8 51.0 76.4
100 32.5 25.9 38.9



#48
Ethyl methacrylate
Concen: 12.265 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion: 69 Resp: 186655
Ion Ratio Lower Upper
69 100
41 72.7 36.1 108.5





#49

Toluene

Concen: 10.728 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

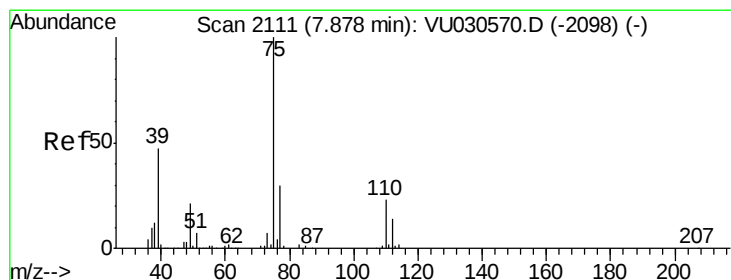
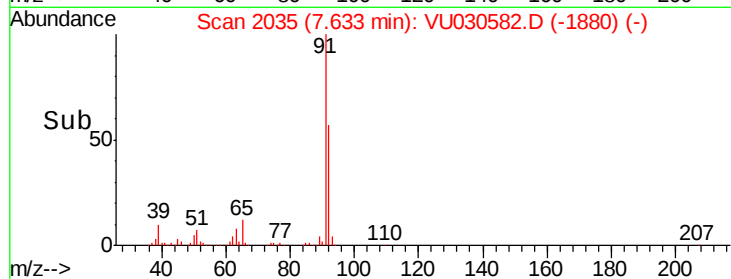
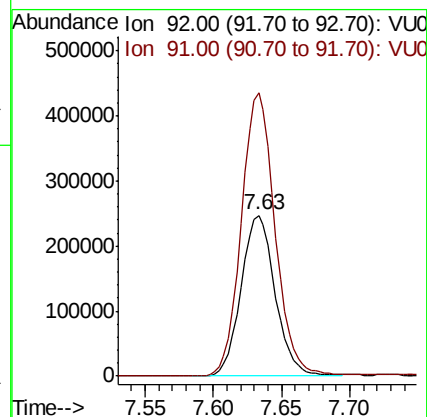
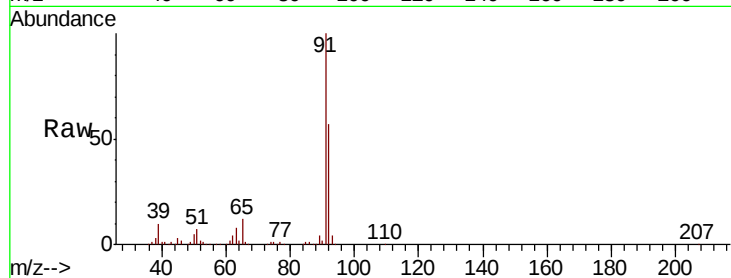
ClientSampled :

Tot Ion: 92 Resp: 428389

Ion Ratio Lower Upper

92 100

91 174.5 140.2 210.4



#50

t-1,3-Dichloropropene

Concen: 10.856 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU030582.D

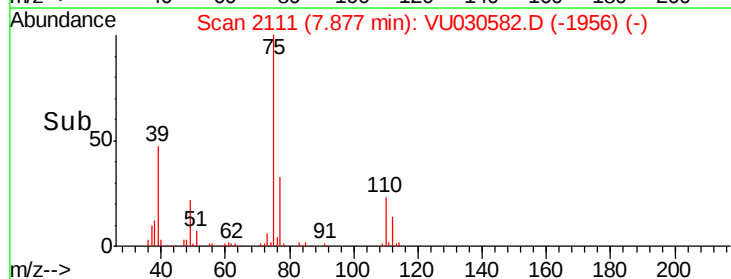
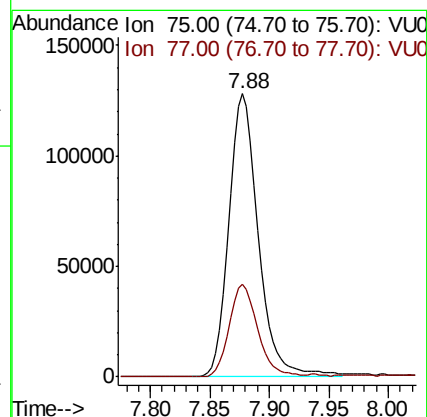
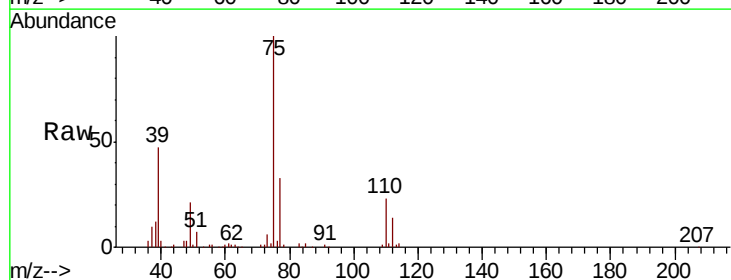
Acq: 30 Mar 2019 20:11

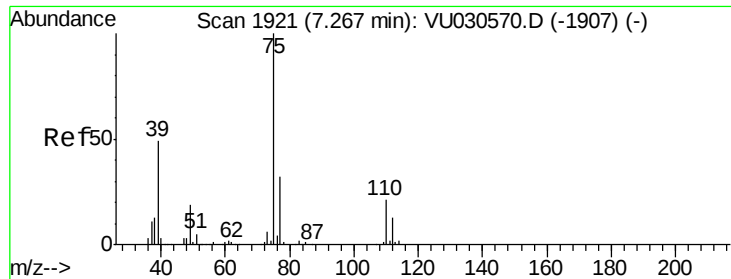
Tgt Ion: 75 Resp: 220343

Ion Ratio Lower Upper

75 100

77 32.6 24.4 36.6

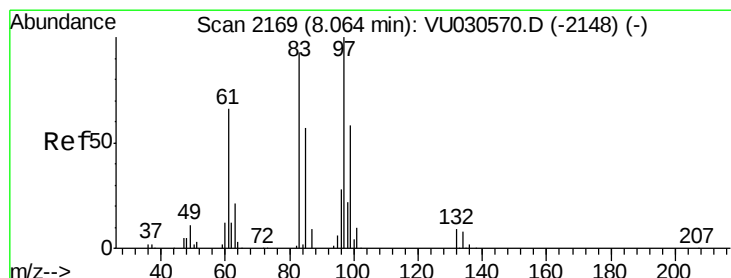
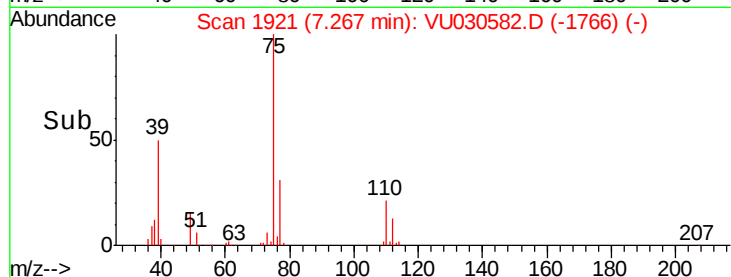
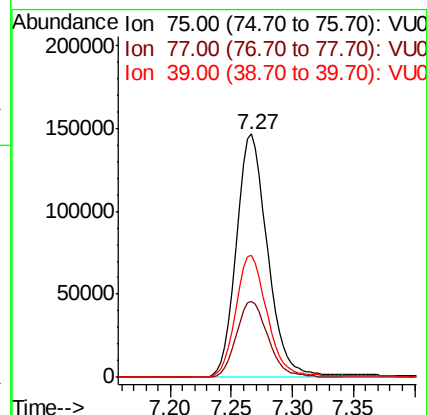
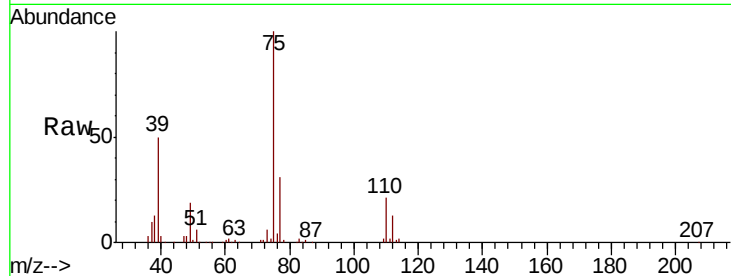




#51
 cis-1,3-Dichloropropene
 Concen: 10.374 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

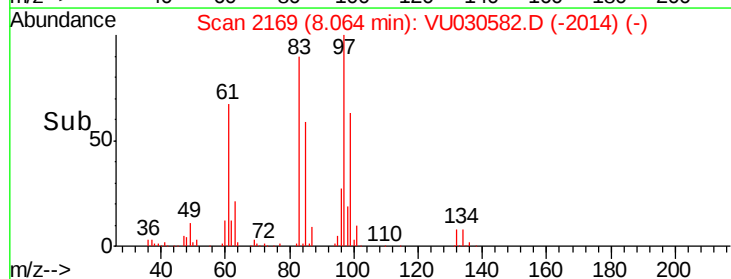
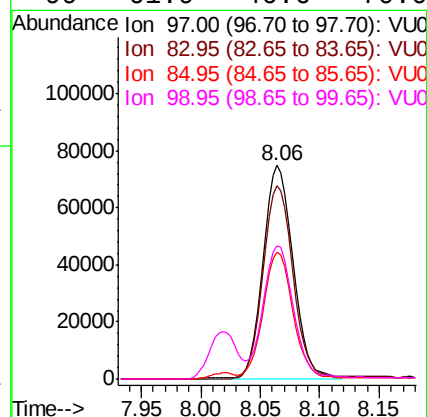
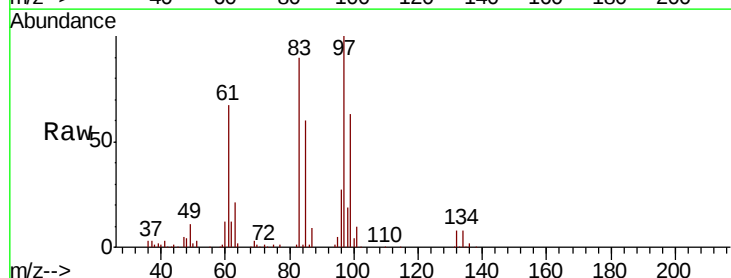
Instrument :
 MSVOA_U
 ClientSampleId :

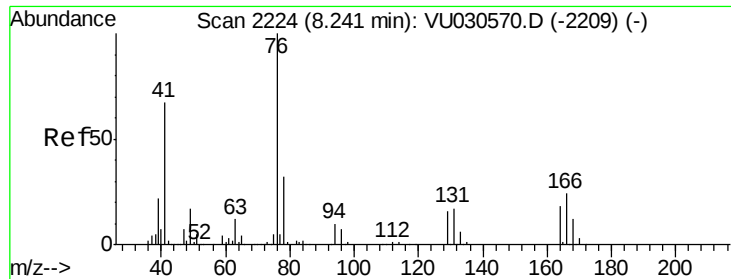
Tot Ion	75	Resp	261842
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	50.0	39.3	58.9



#52
 1,1,2-Trichloroethane
 Concen: 10.571 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion	97	Resp	131845
Ion	Ratio	Lower	Upper
97	100		
83	90.3	74.3	111.5
85	59.5	45.4	68.0
99	61.9	46.6	70.0

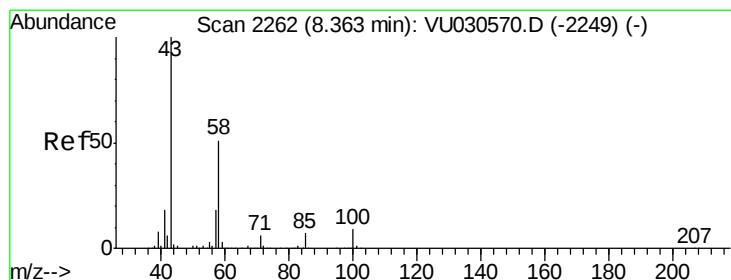
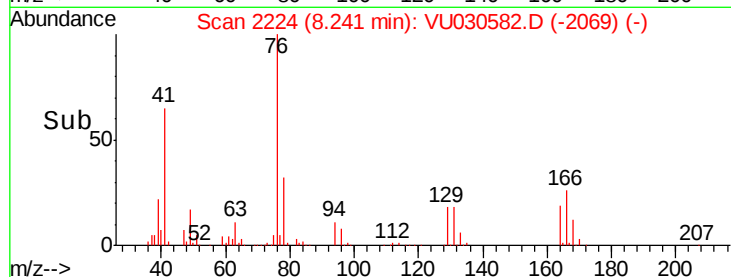
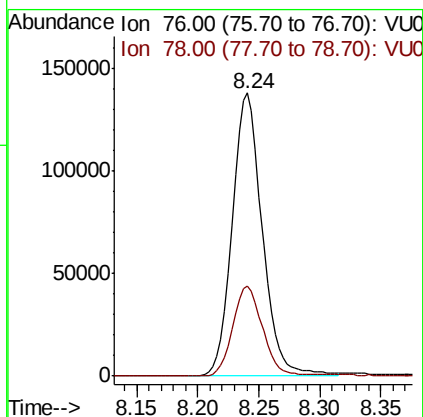
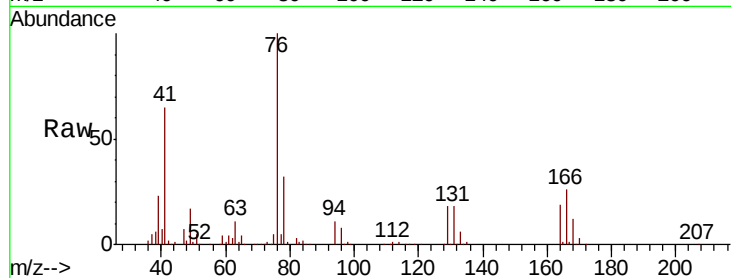




#53
 1,3-Dichloropropane
 Concen: 10.401 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

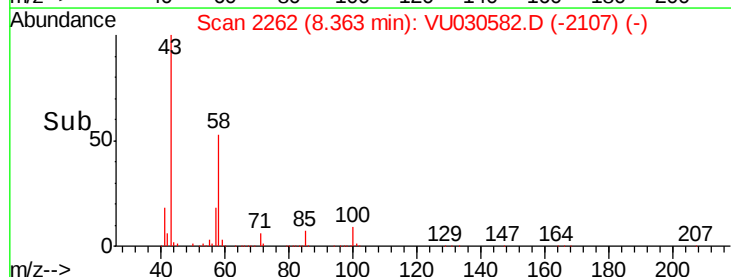
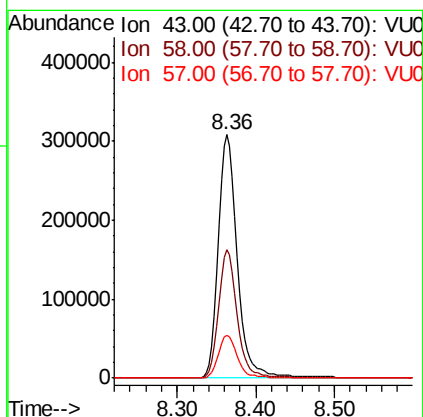
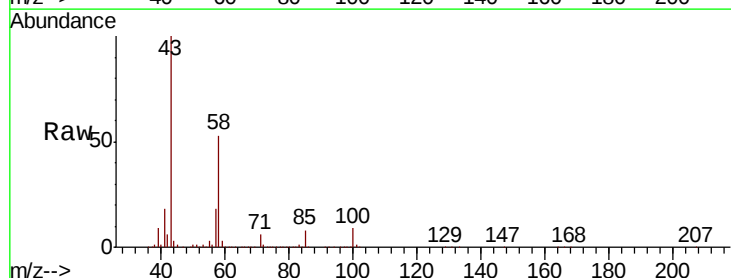
Instrument :
 MSVOA_U
 ClientSampled :

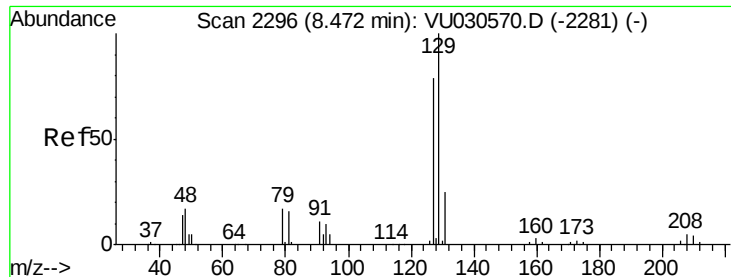
Tot Ion: 76 Resp: 237243
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.3 37.9



#54
 2-Hexanone
 Concen: 60.725 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion: 43 Resp: 516118
 Ion Ratio Lower Upper
 43 100
 58 51.2 32.5 72.5
 57 17.5 0.0 37.6





#55

Dibromochloromethane

Concen: 10.483 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

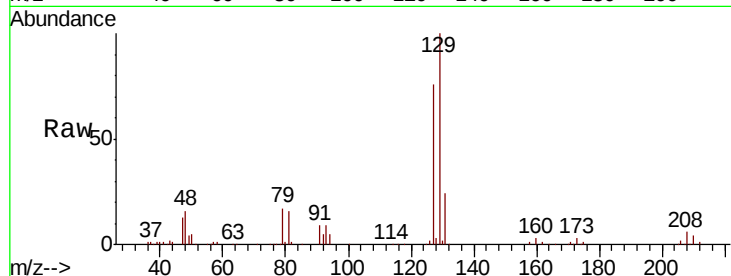
ClientSampleId :

Tot Ion:129 Resp: 151584

Ion Ratio Lower Upper

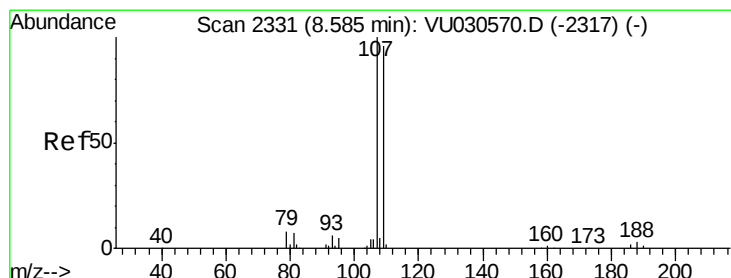
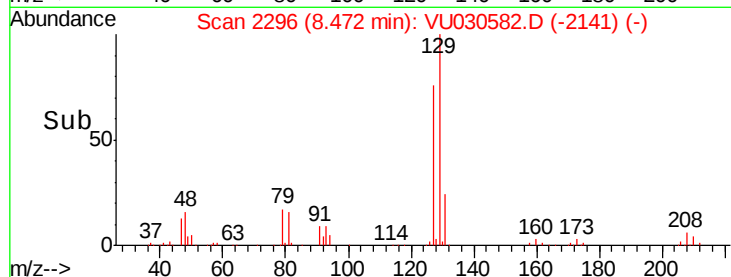
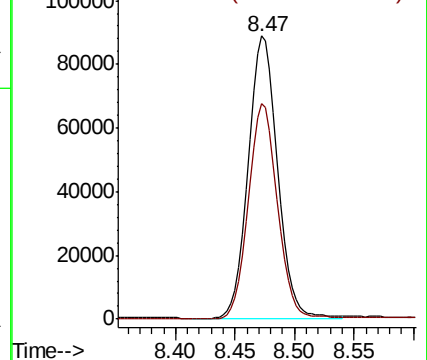
129 100

127 76.3 62.2 93.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 10.424 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VU030582.D

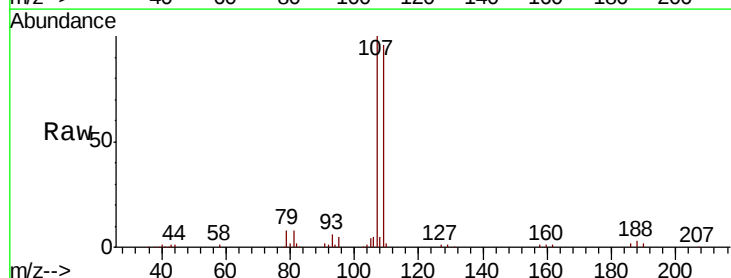
Acq: 30 Mar 2019 20:11

Tgt Ion:107 Resp: 120614

Ion Ratio Lower Upper

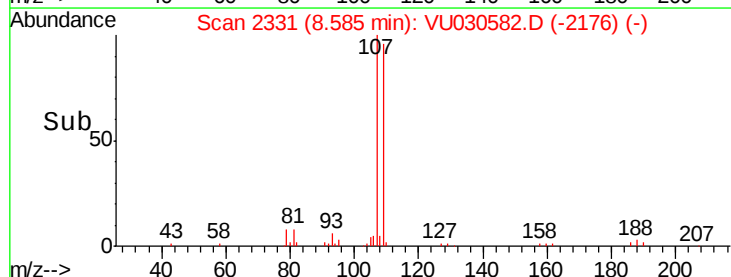
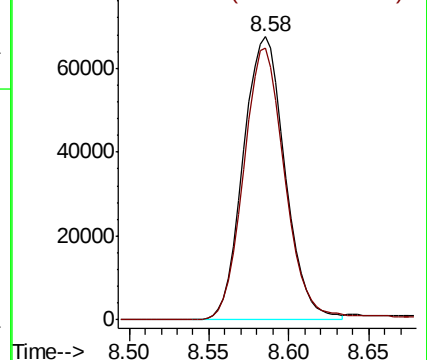
107 100

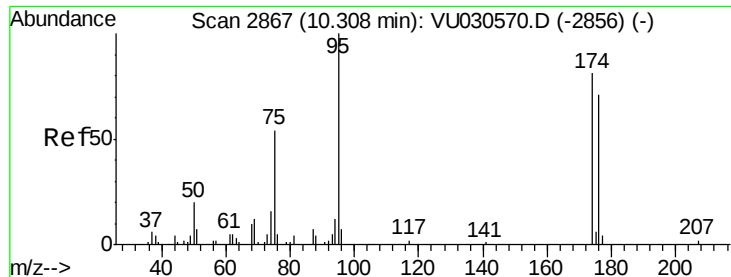
109 95.4 0.0 190.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

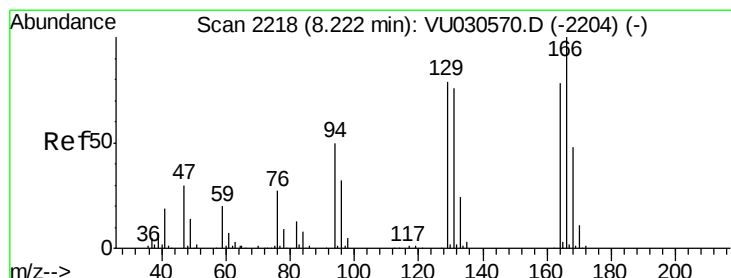
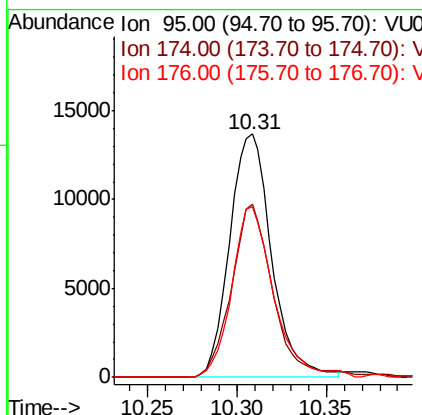
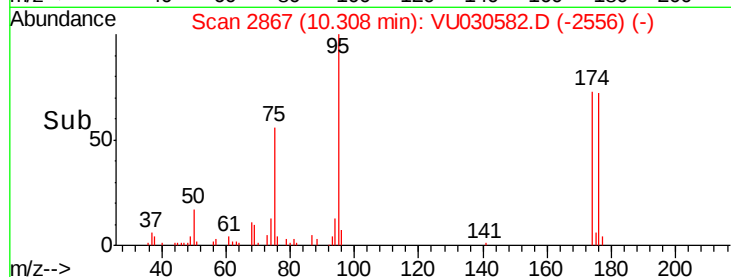
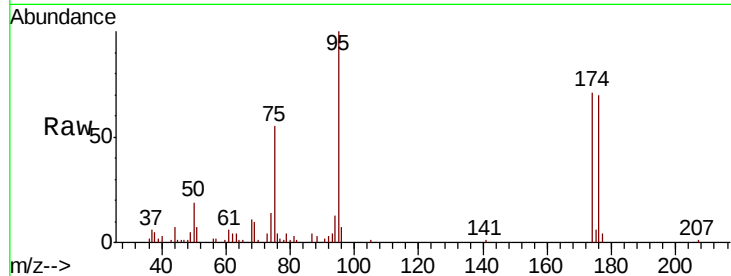




#57
4-Bromofluorobenzene
Concen: 10.424 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

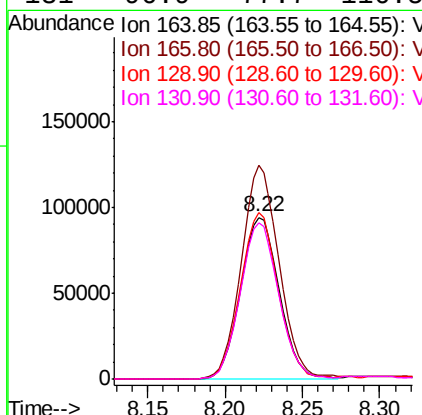
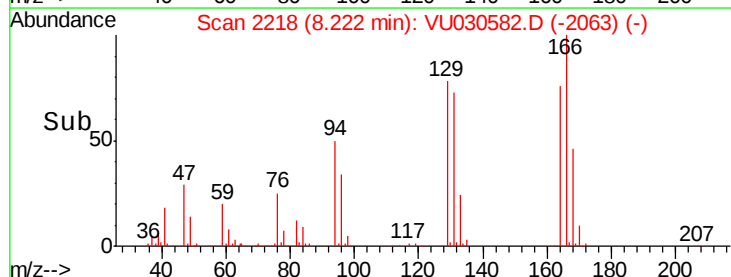
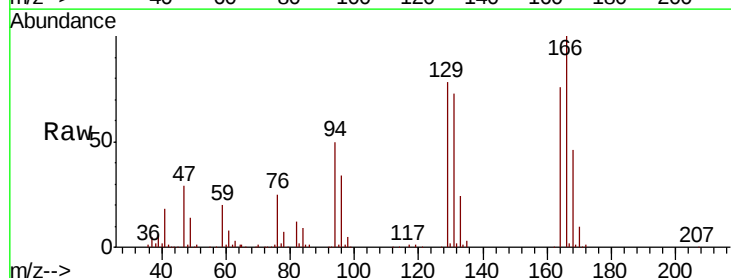
Instrument :
MSVOA_U
ClientSampleId :

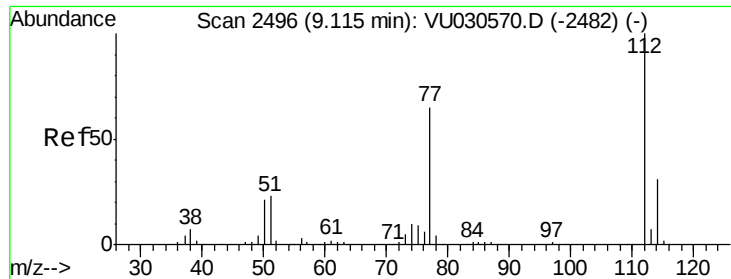
Tot Ion: 95 Resp: 22434
Ion Ratio Lower Upper
95 100
174 70.9 60.5 90.7
176 69.9 57.9 86.9



#58
Tetrachloroethene
Concen: 10.475 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion: 164 Resp: 163769
Ion Ratio Lower Upper
164 100
166 132.2 102.4 153.6
129 102.8 81.4 122.0
131 96.9 77.7 116.5

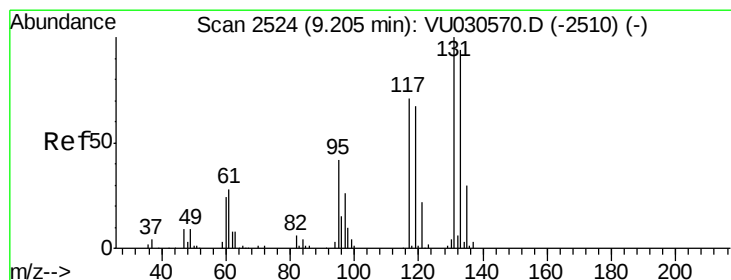
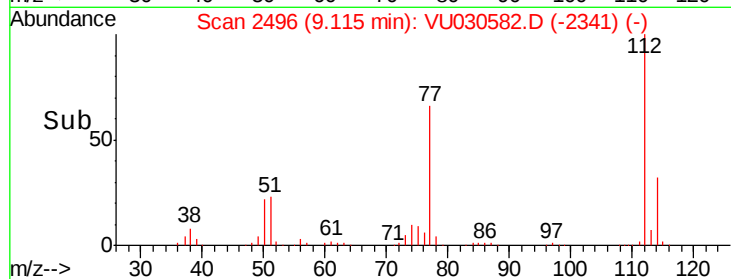
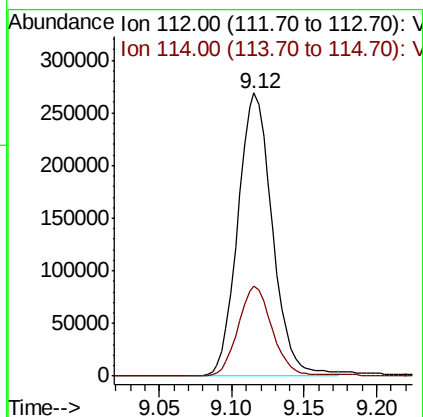
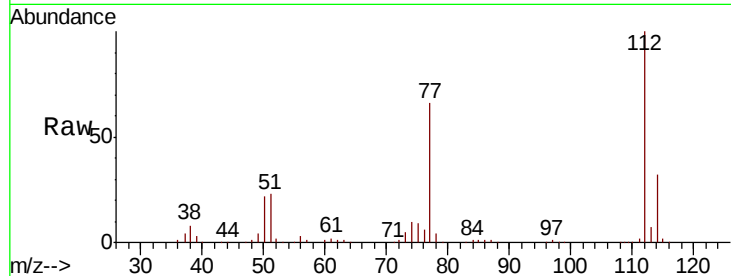




#59
Chlorobenzene
Concen: 10.334 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

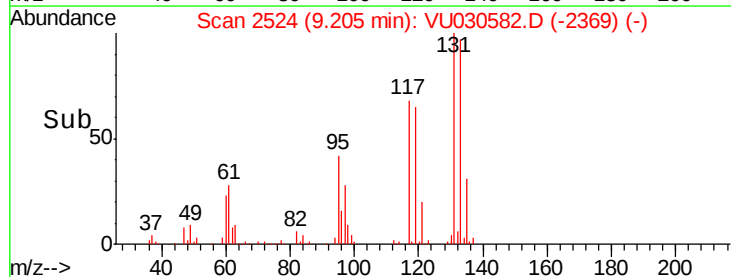
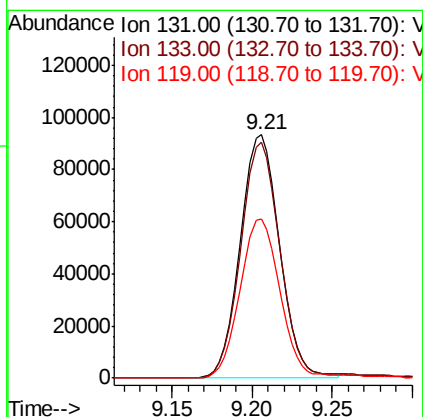
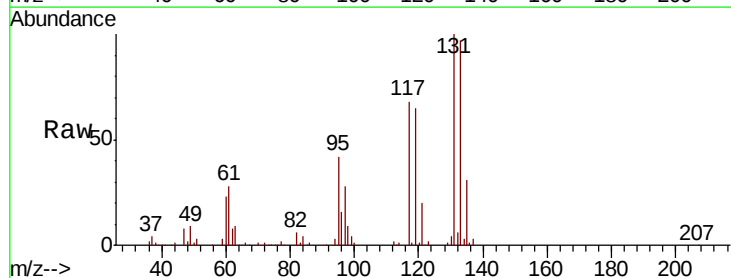
Instrument :
MSVOA_U
ClientSampleId :

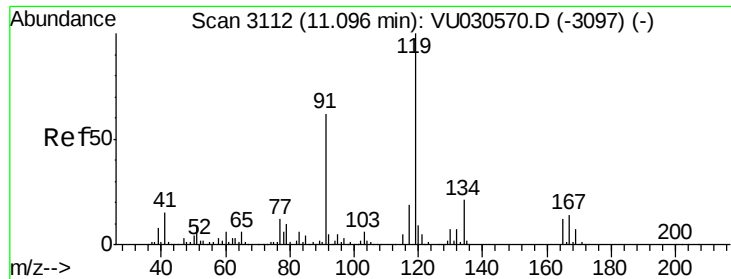
Tot Ion:112 Resp: 445883
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 9.816 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion:131 Resp: 156963
Ion Ratio Lower Upper
131 100
133 97.1 77.5 116.3
119 67.6 53.2 79.8

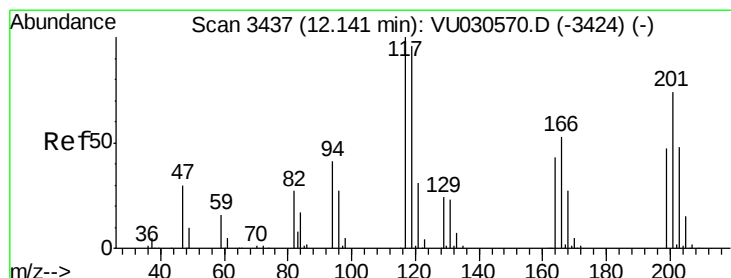
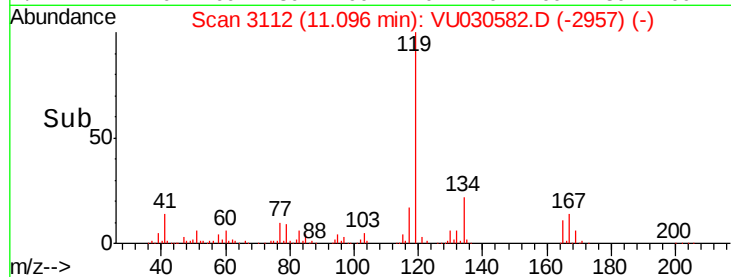
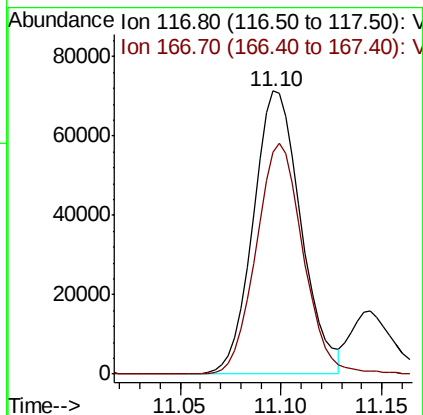
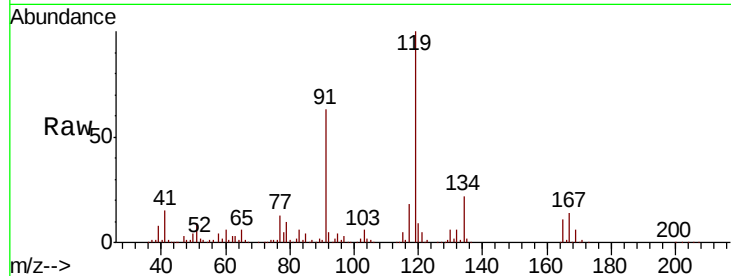




#61
 Pentachloroethane
 Concen: 9.569 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

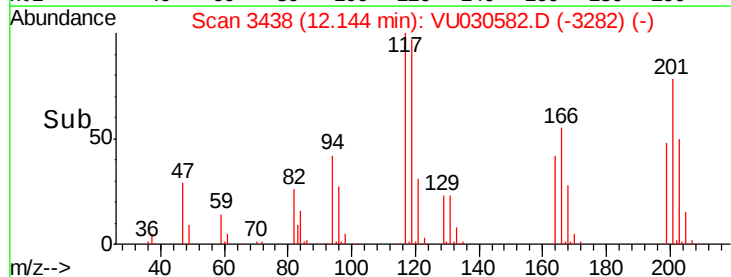
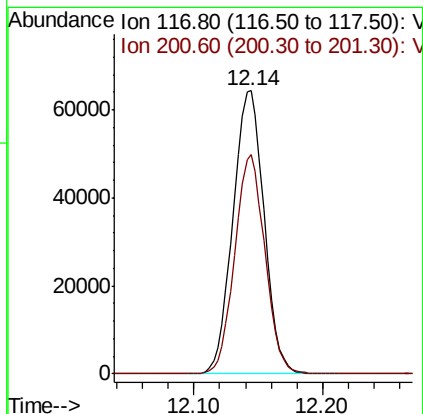
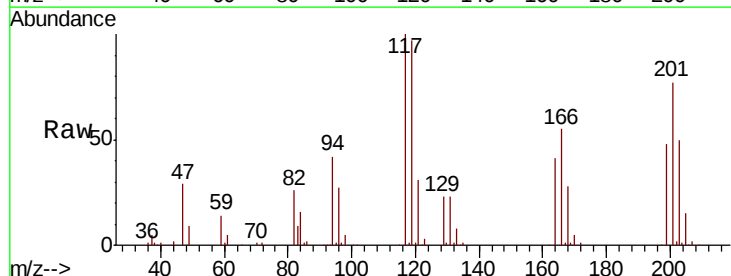
Instrument :
 MSVOA_U
 ClientSampled :

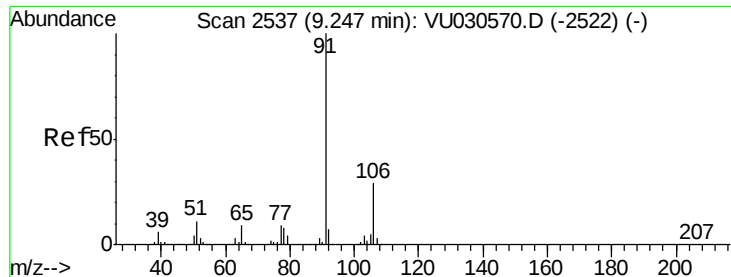
Tot Ion:117 Resp: 118018
 Ion Ratio Lower Upper
 117 100
 167 80.4 62.6 93.8



#62
 Hexachloroethane
 Concen: 10.060 ug/l
 RT: 12.14 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion:117 Resp: 107975
 Ion Ratio Lower Upper
 117 100
 201 75.0 59.1 88.7

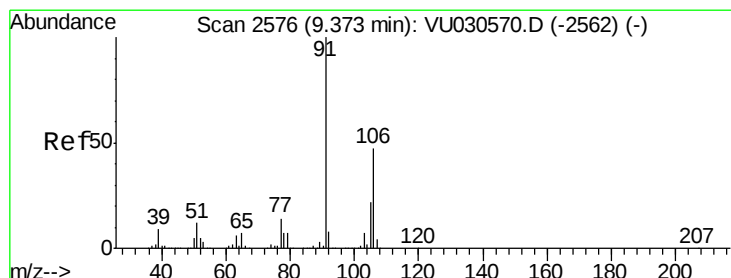
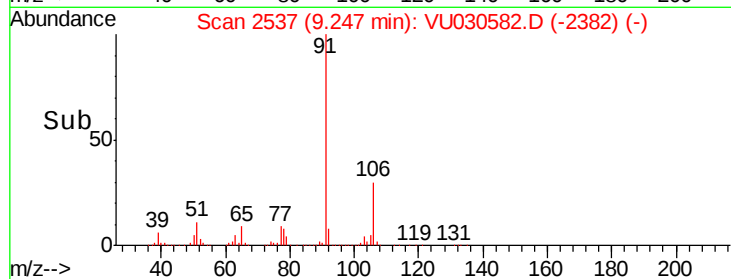
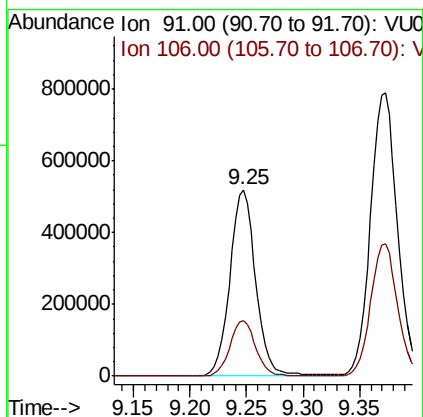
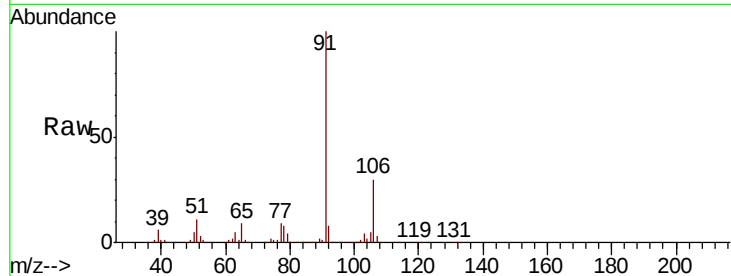




#63
Ethyl Benzene
Concen: 10.796 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

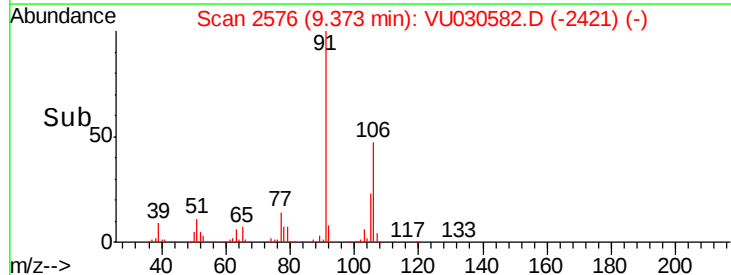
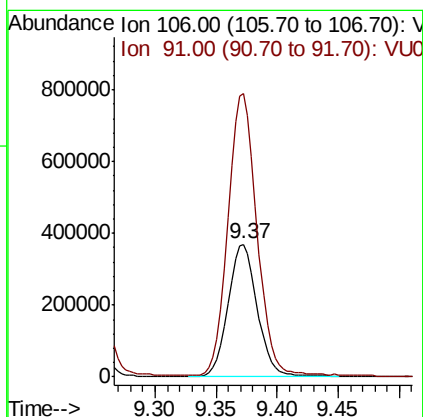
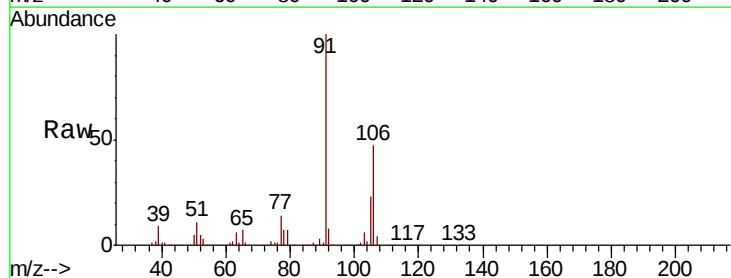
Instrument :
MSVOA_U
ClientSampleId :

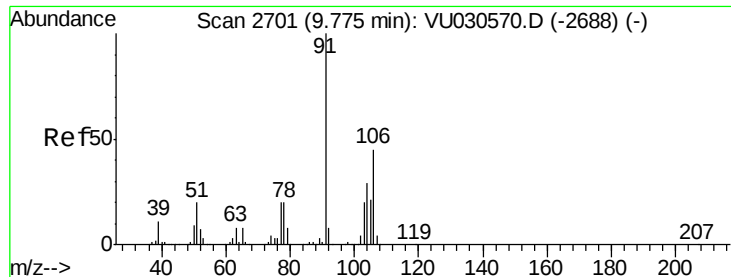
Tot Ion: 91 Resp: 826961
Ion Ratio Lower Upper
91 100
106 29.7 23.1 34.7



#64
m/p-Xylenes
Concen: 21.873 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion: 106 Resp: 612877
Ion Ratio Lower Upper
106 100
91 216.0 179.4 269.0

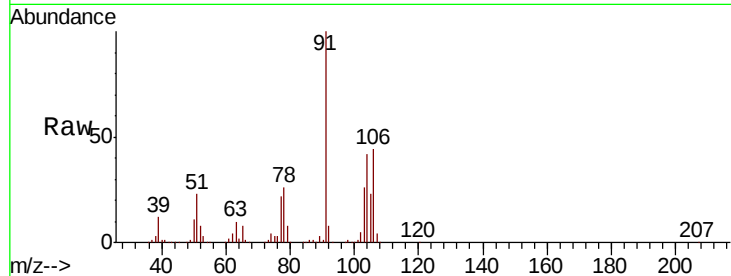




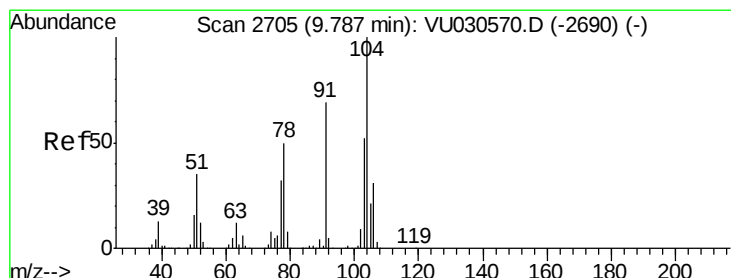
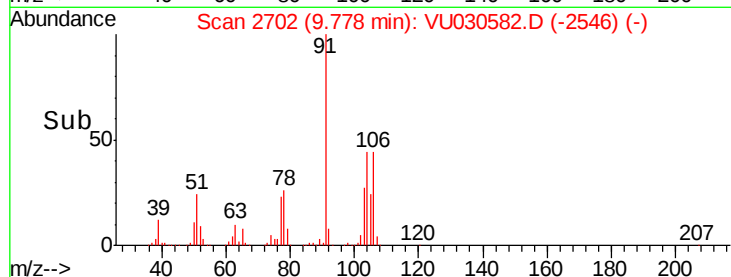
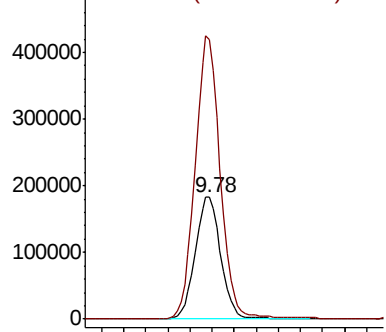
#65
o-Xylene
Concen: 10.957 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 295152
Ion Ratio Lower Upper
106 100
91 228.6 115.5 346.4

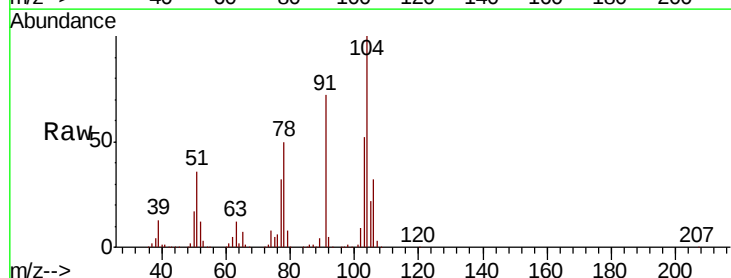


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

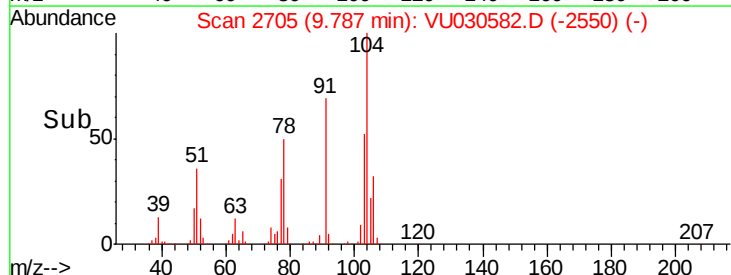
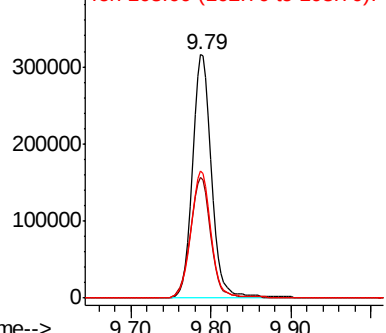


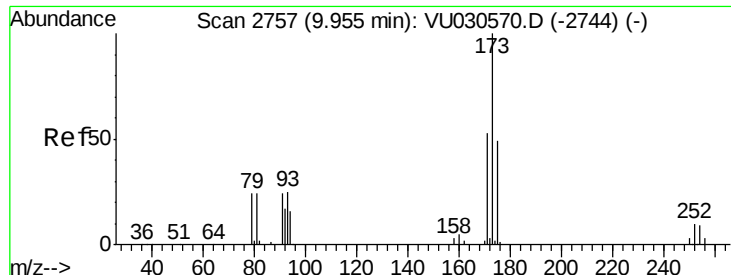
#66
Styrene
Concen: 11.588 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion:104 Resp: 526131
Ion Ratio Lower Upper
104 100
78 53.4 42.3 63.5
103 54.6 44.7 67.1



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

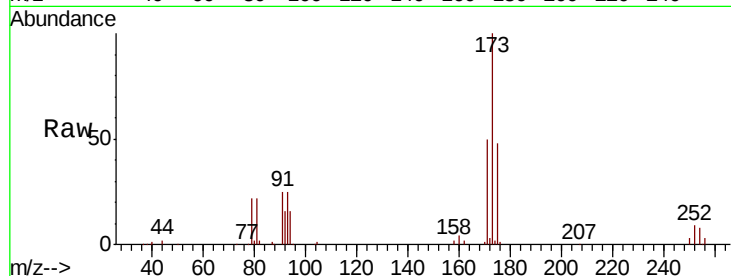




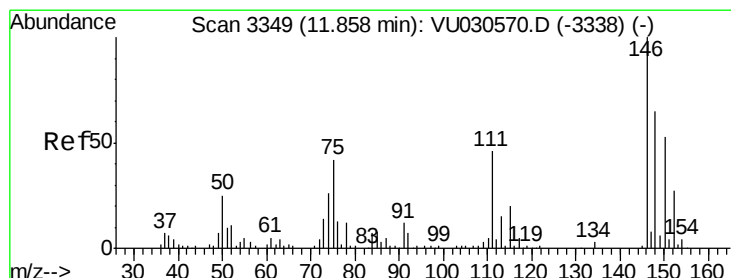
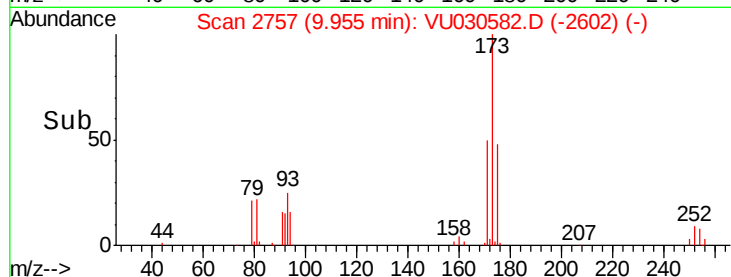
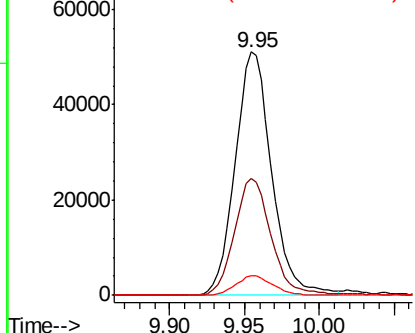
#67
Bromoform
Concen: 10.948 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:173 Resp: 86713
Ion Ratio Lower Upper
173 100
175 48.6 38.6 57.8
254 8.1 6.9 10.3

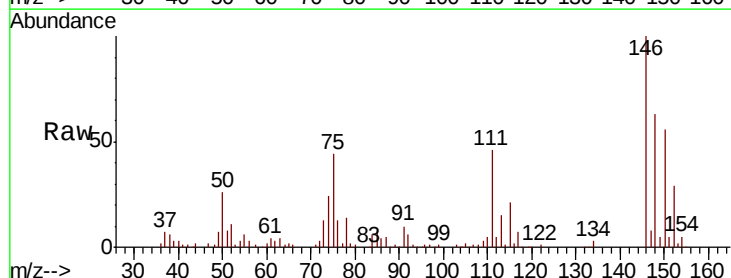


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

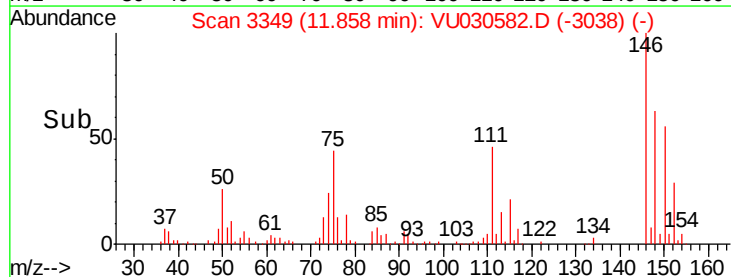
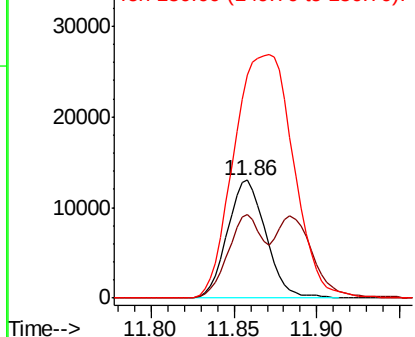


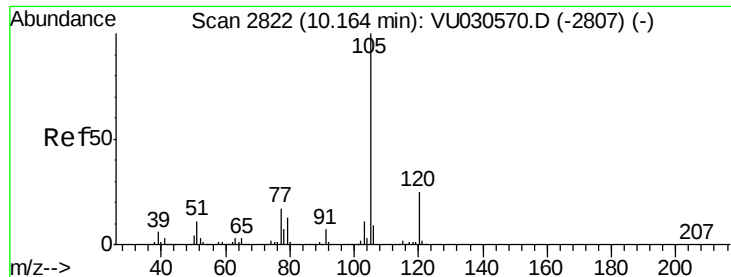
#68
1,2-Dichlorobenzene-d4
Concen: 10.948 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion:152 Resp: 21053
Ion Ratio Lower Upper
152 100
115 65.1 0.0 136.2
150 0.0 0.0 634.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.816 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

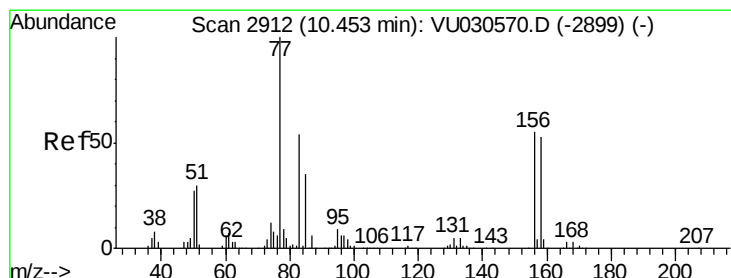
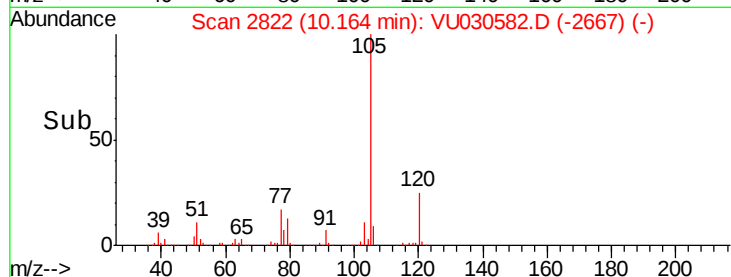
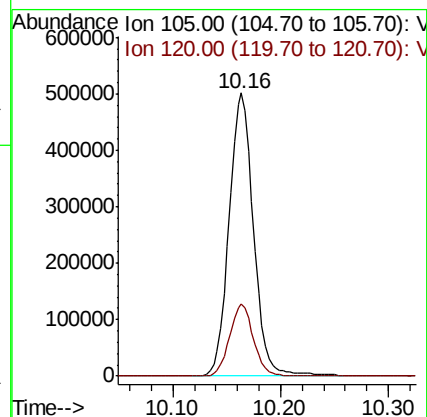
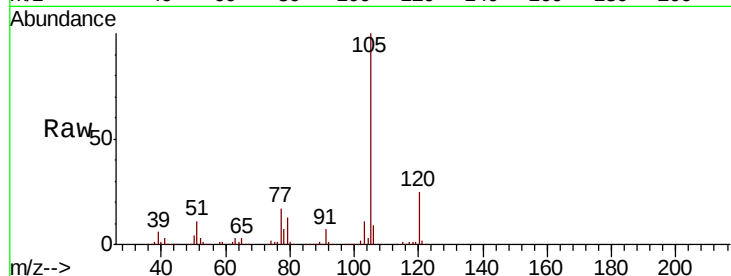
ClientSampled :

Tot Ion:105 Resp: 792780

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 10.352 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

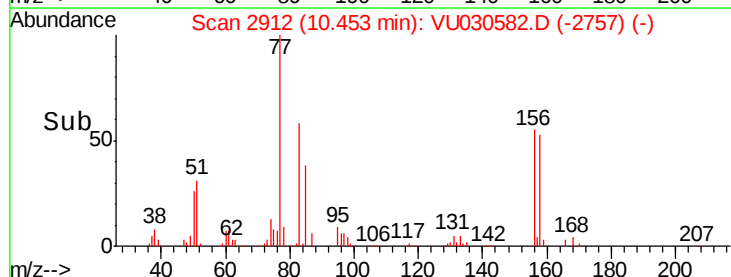
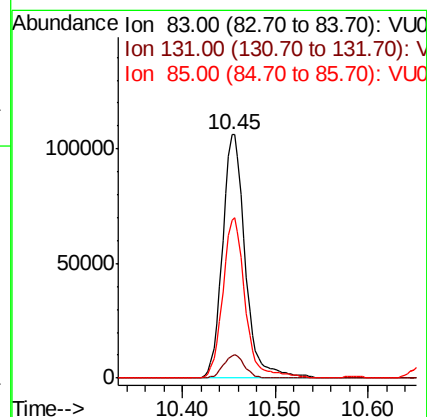
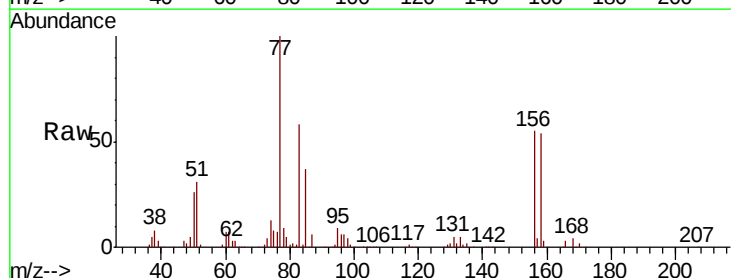
Tgt Ion: 83 Resp: 180765

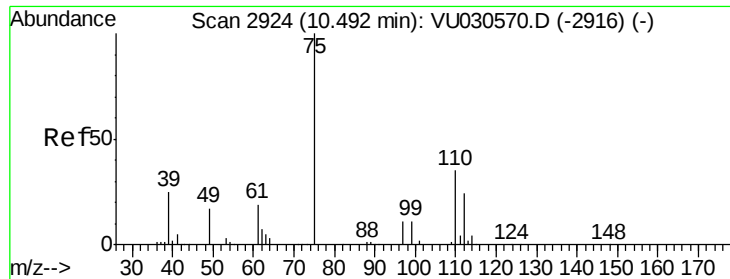
Ion Ratio Lower Upper

83 100

131 9.0 7.0 10.6

85 64.9 51.0 76.4

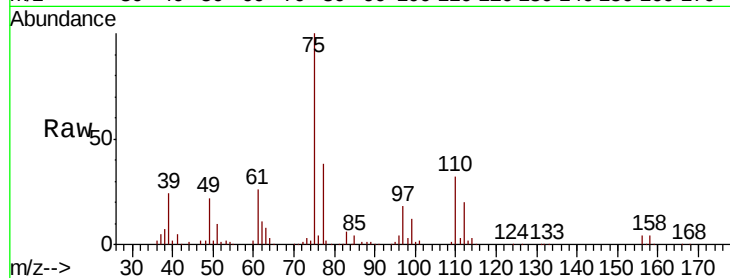




#71
 1,2,3-Trichloropropane
 Concen: 9.279 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	75	Resp:	103301
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	42.9	0.0	83.8
97	23.9	0.0	42.8



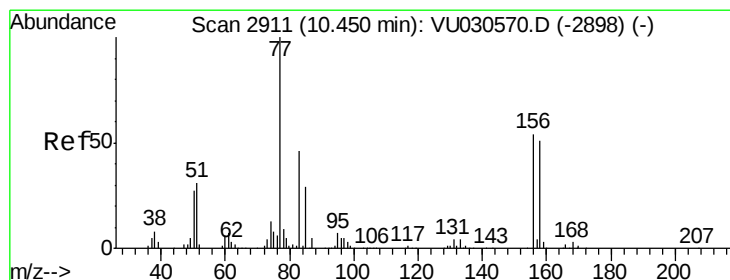
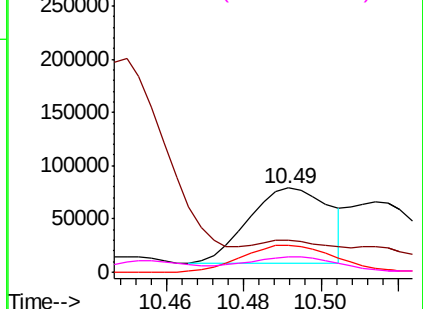
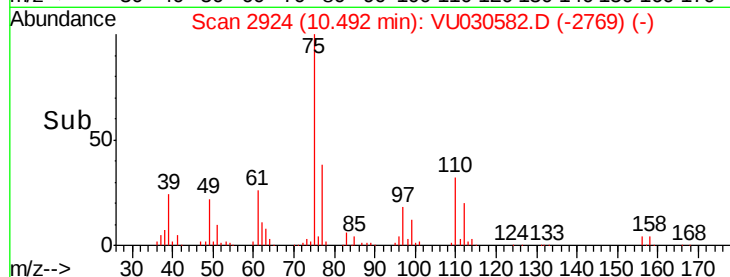
Abundance

Ion 75.00 (74.70 to 75.70): VU030570.D (-2916) (-)

Ion 77.00 (76.70 to 77.70): VU030570.D (-2916) (-)

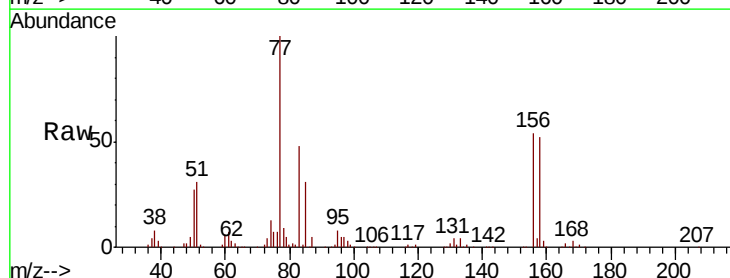
Ion 110.00 (109.70 to 110.70): VU030570.D (-2916) (-)

Ion 97.00 (96.70 to 97.70): VU030570.D (-2916) (-)



#72
 Bromobenzene
 Concen: 10.392 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion:	156	Resp:	182774
Ion	Ratio	Lower	Upper
156	100		
77	180.2	0.0	363.0
158	96.6	0.0	193.2

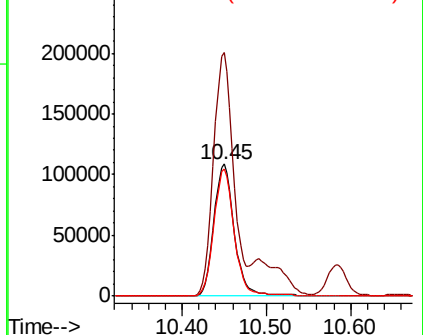
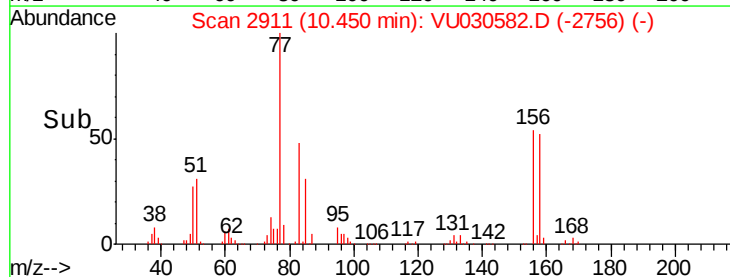


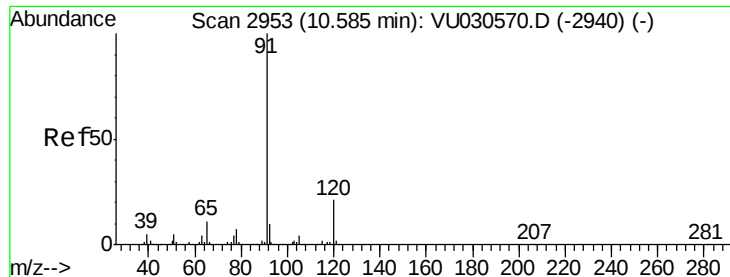
Abundance

Ion 156.00 (155.70 to 156.70): VU030570.D (-2898) (-)

Ion 77.00 (76.70 to 77.70): VU030570.D (-2898) (-)

Ion 158.00 (157.70 to 158.70): VU030570.D (-2898) (-)





#73

n-propylbenzene

Concen: 11.011 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

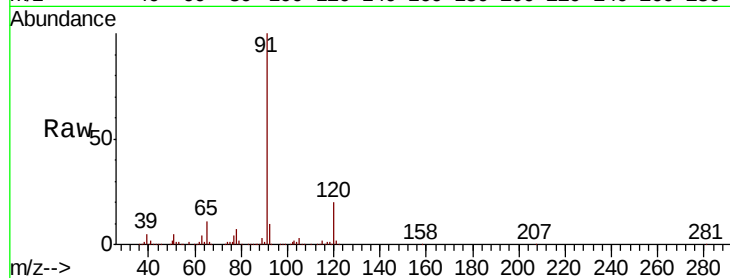
ClientSampled :

Tot Ion:120 Resp: 206864

Ion Ratio Lower Upper

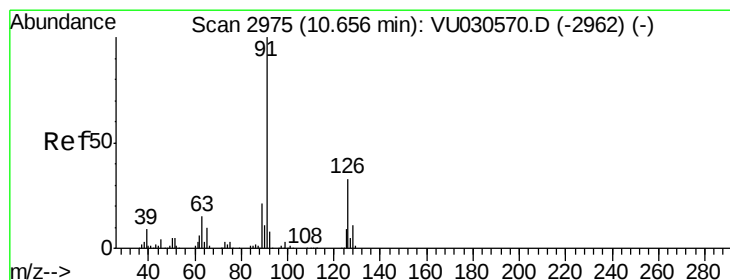
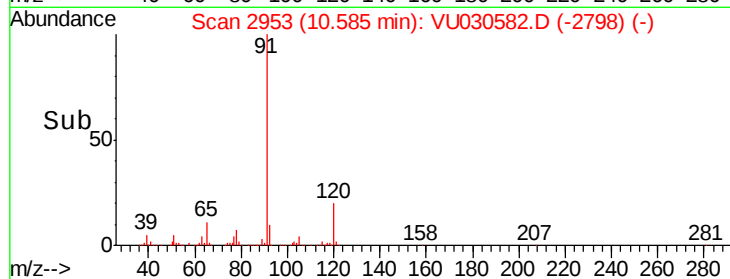
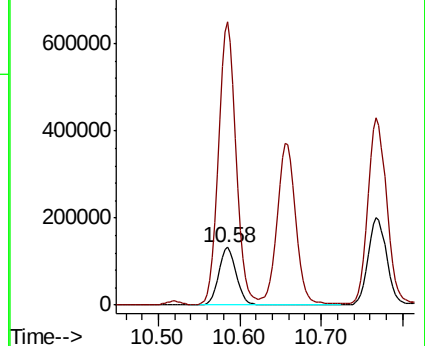
120 100

91 479.4 371.6 557.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.608 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU030582.D

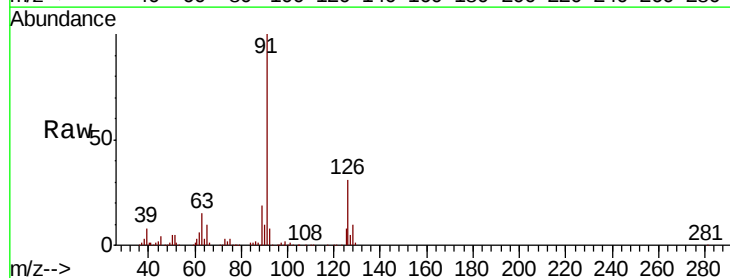
Acq: 30 Mar 2019 20:11

Tgt Ion:126 Resp: 184860

Ion Ratio Lower Upper

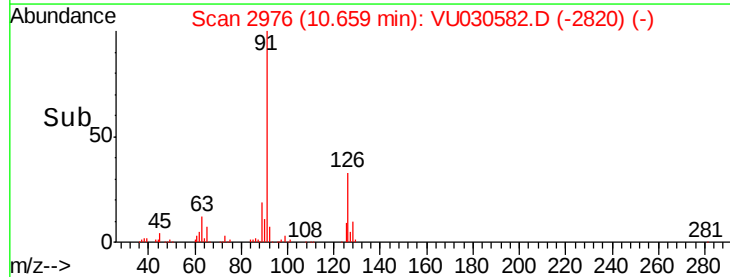
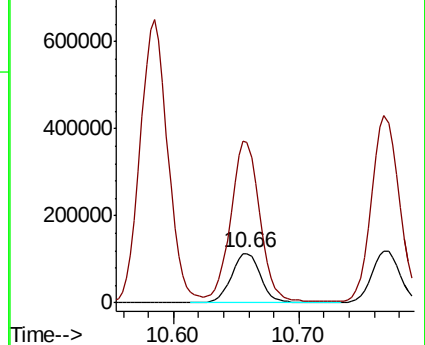
126 100

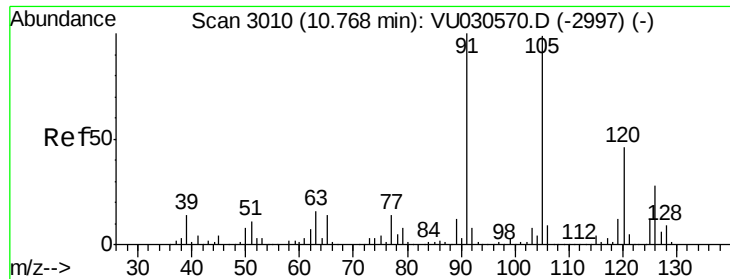
91 327.4 0.0 656.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.025 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

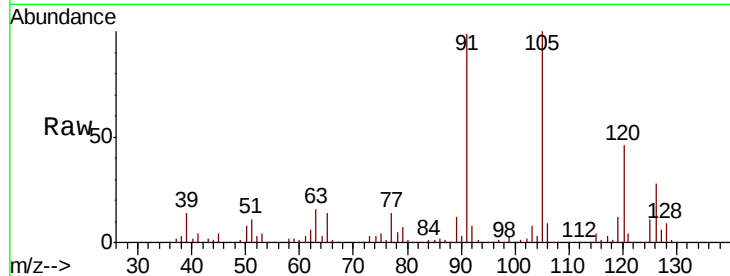
ClientSampled :

Tot Ion:105 Resp: 679293

Ion Ratio Lower Upper

105 100

120 46.4 37.6 56.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

400000

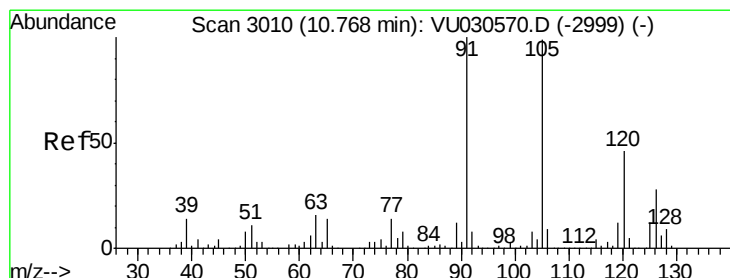
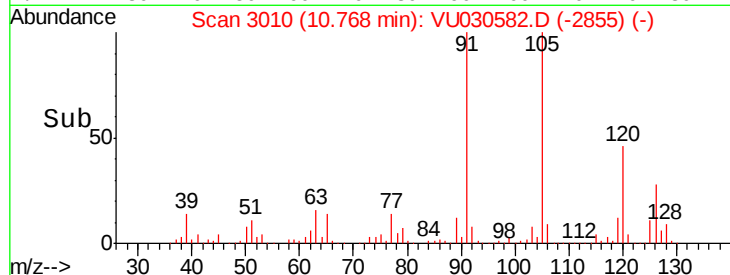
300000

200000

100000

0

Time-->



#76

4-Chlorotoluene

Concen: 10.804 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU030582.D

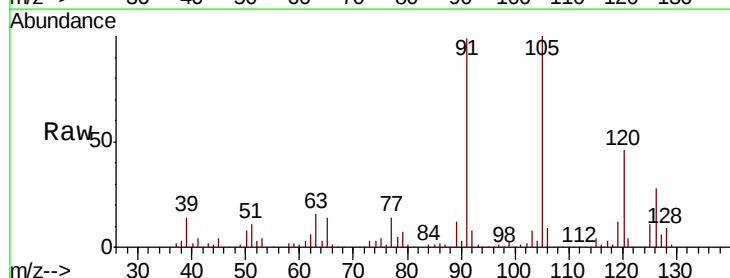
Acq: 30 Mar 2019 20:11

Tgt Ion:126 Resp: 191385

Ion Ratio Lower Upper

126 100

91 358.8 0.0 721.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

400000

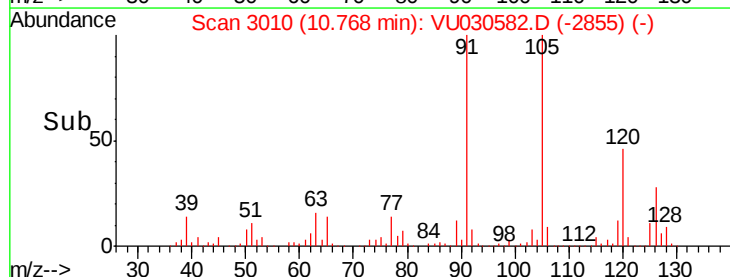
300000

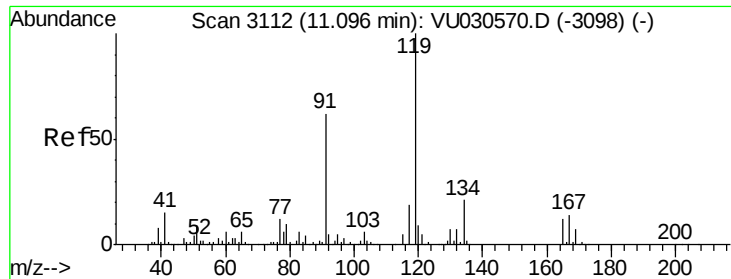
200000

100000

0

Time-->

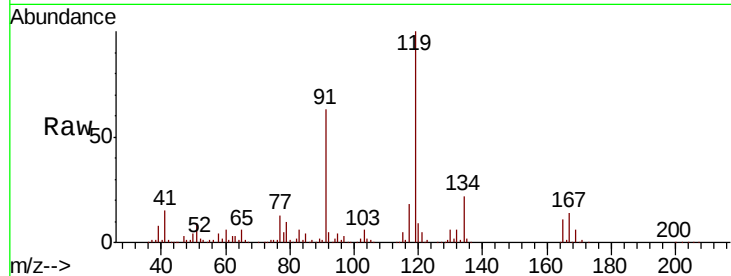




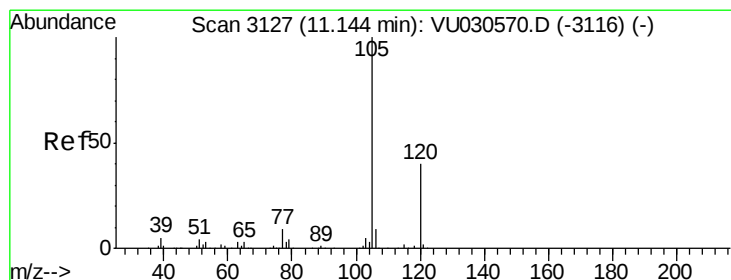
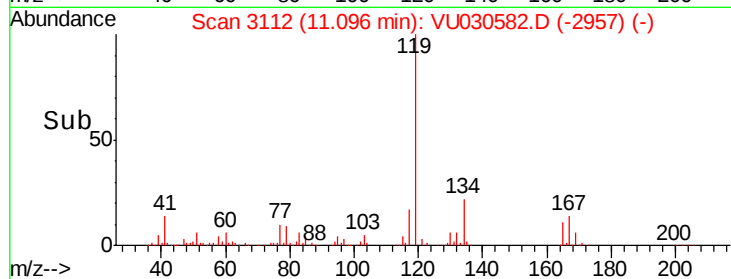
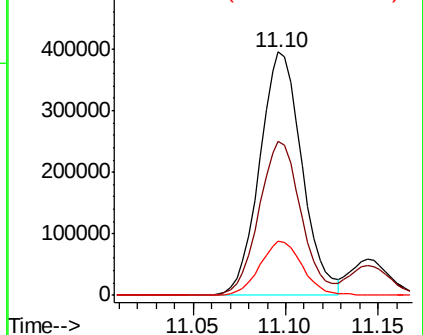
#77
tert-Butylbenzene
Concen: 10.750 ug/l
RT: 11.10 min Scan# 3112
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:119 Resp: 627298
Ion Ratio Lower Upper
119 100
91 62.6 30.9 92.8
134 22.5 17.6 26.4

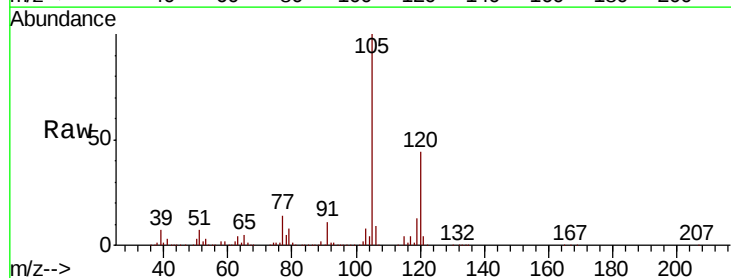


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU0
Ion 134.00 (133.70 to 134.70): V

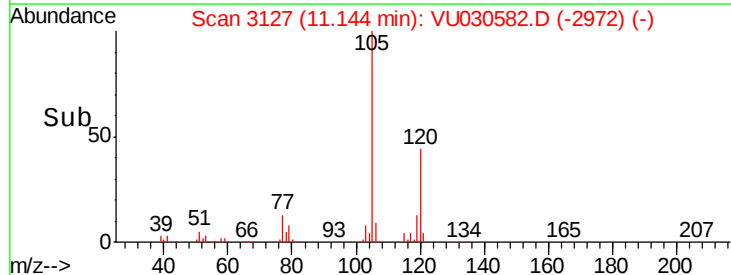
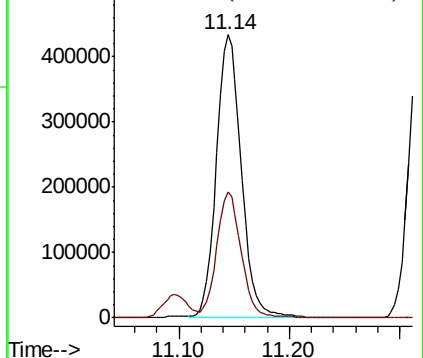


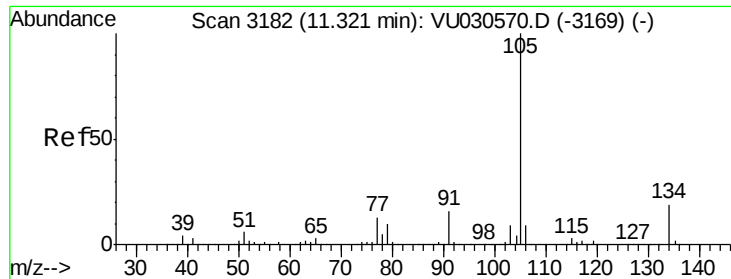
#78
1,2,4-Trimethylbenzene
Concen: 11.101 ug/l
RT: 11.14 min Scan# 3127
Delta R.T. -0.00 min
Lab File: VU030582.D
Acq: 30 Mar 2019 20:11

Tgt Ion:105 Resp: 678111
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5



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





#79

sec-Butylbenzene

Concen: 10.846 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

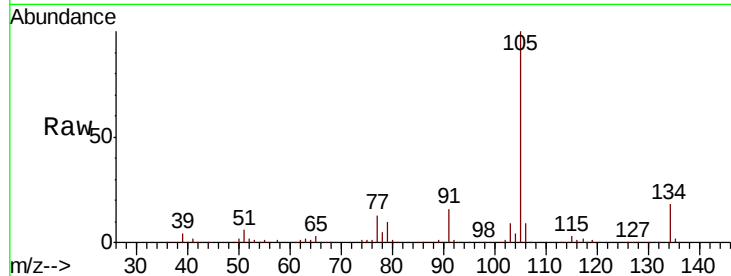
ClientSampled :

Tot Ion: 105 Resp: 860112

Ion Ratio Lower Upper

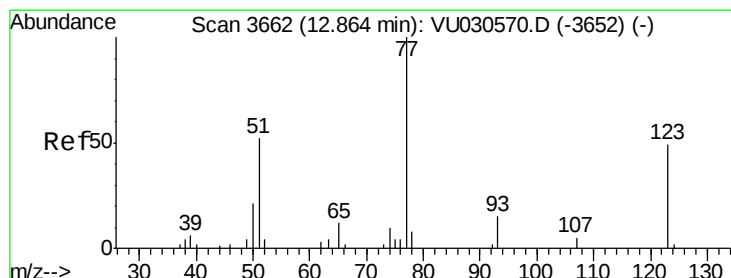
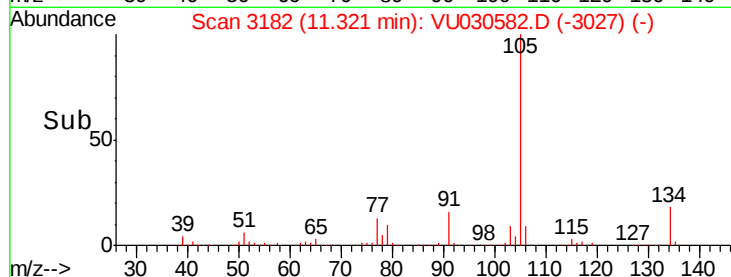
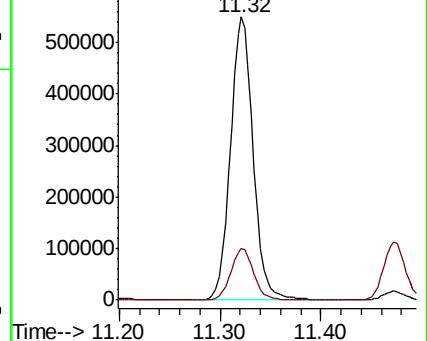
105 100

134 18.5 14.7 22.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 84.763 ug/l

RT: 12.86 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

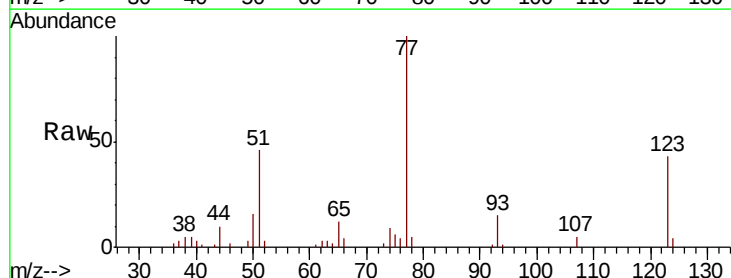
Tgt Ion: 77 Resp: 19942

Ion Ratio Lower Upper

77 100

123 38.8 17.5 62.1

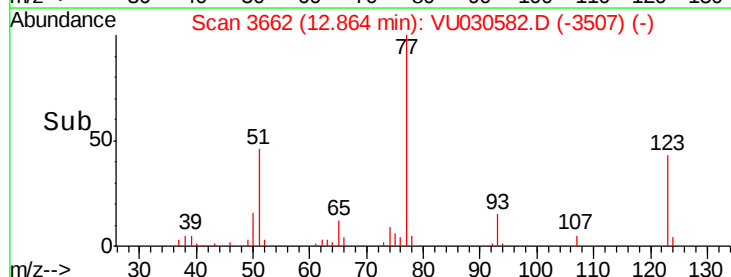
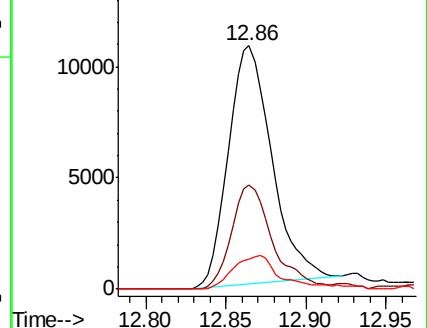
65 15.8 8.1 10.3#

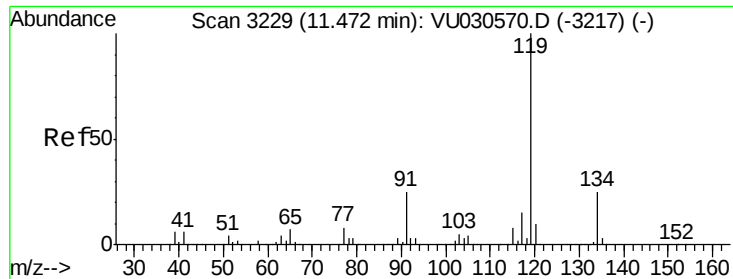


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

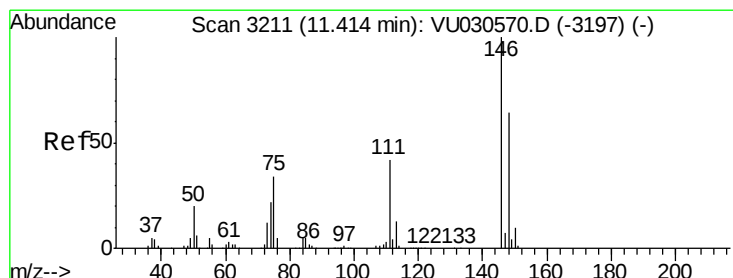
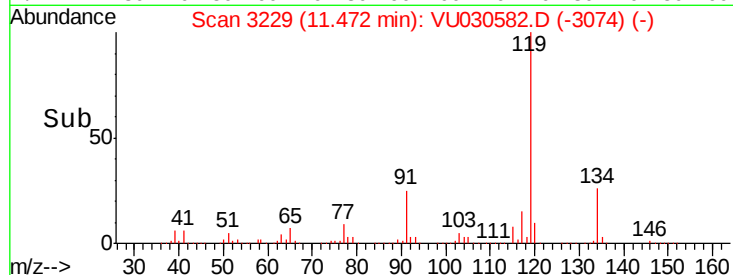
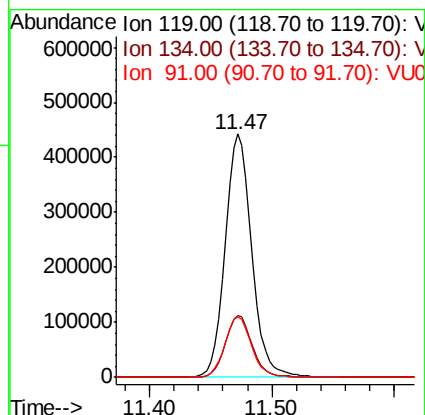
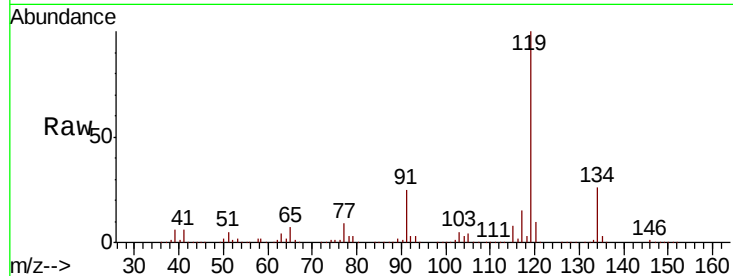




#81
 p-Isopropyltoluene
 Concen: 11.103 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

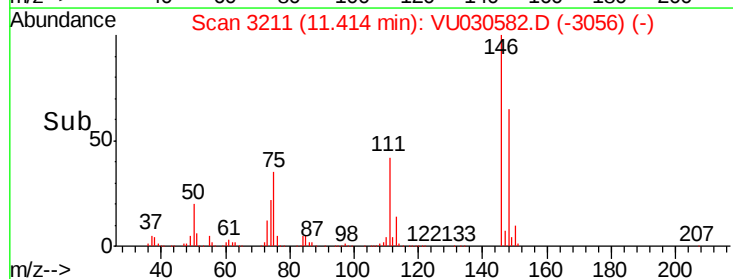
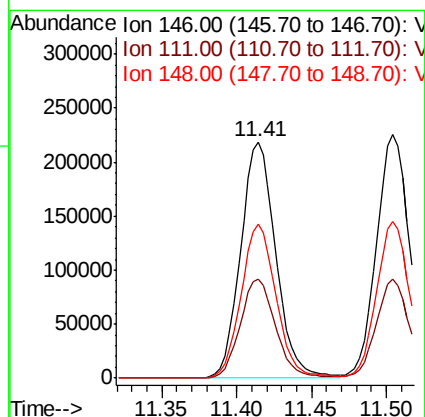
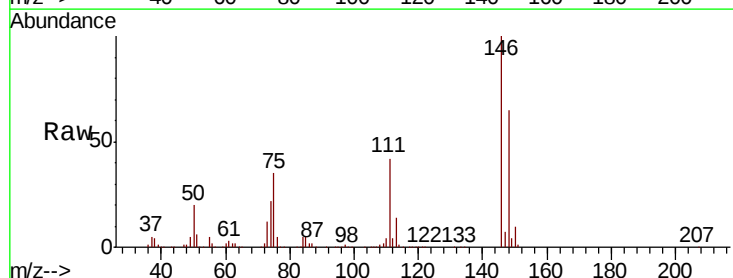
Instrument :
 MSVOA_U
 ClientSampled :

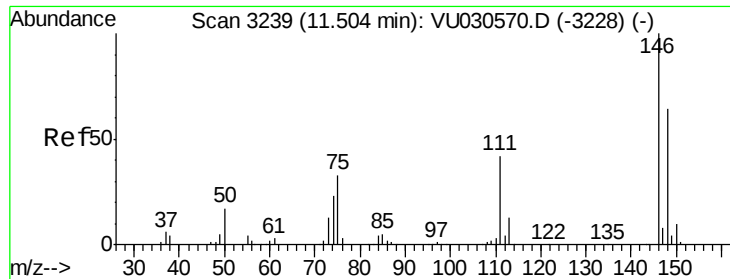
Tot Ion:119 Resp: 676330
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.6 31.0
 91 25.0 20.4 30.6



#82
 1,3-Dichlorobenzene
 Concen: 10.160 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion:146 Resp: 357083
 Ion Ratio Lower Upper
 146 100
 111 42.2 34.0 51.0
 148 64.8 51.0 76.6

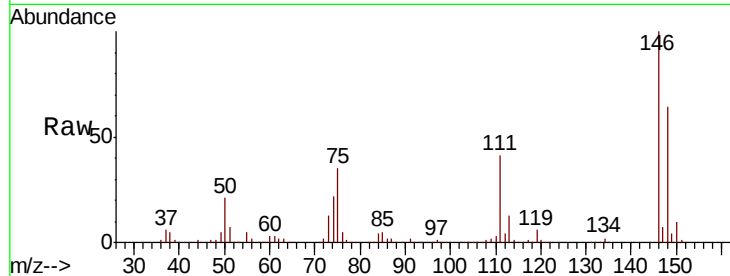




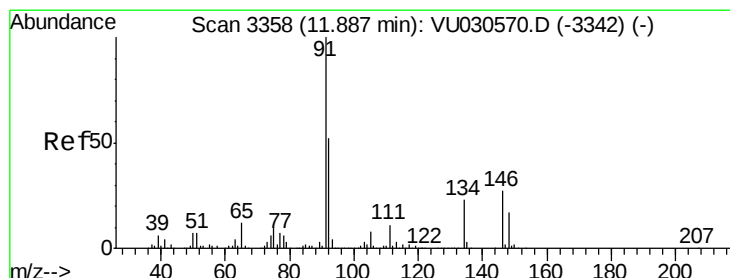
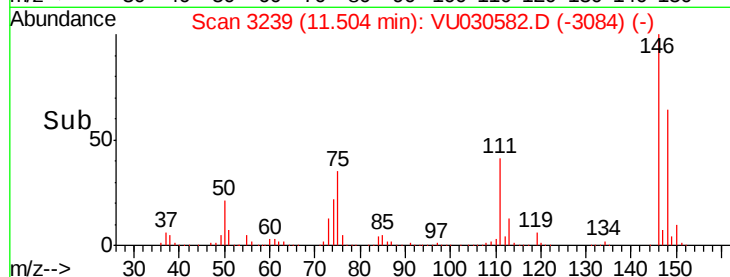
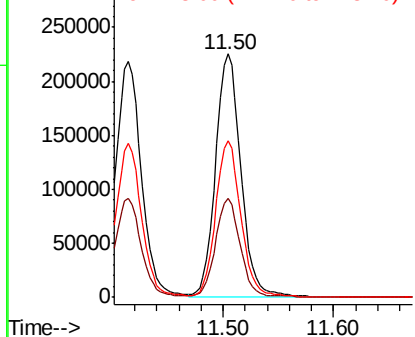
#83
 1,4-Dichlorobenzene
 Concen: 10.182 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 358632
 Ion Ratio Lower Upper
 146 100
 111 39.8 32.8 49.2
 148 64.5 50.5 75.7

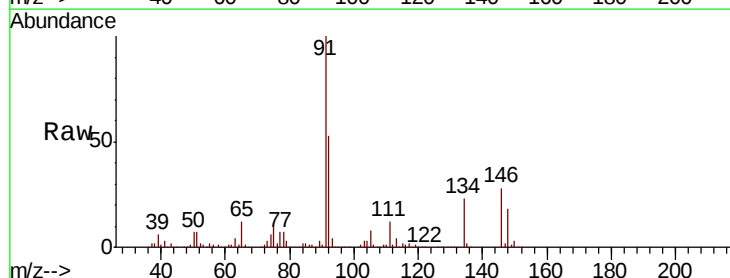


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

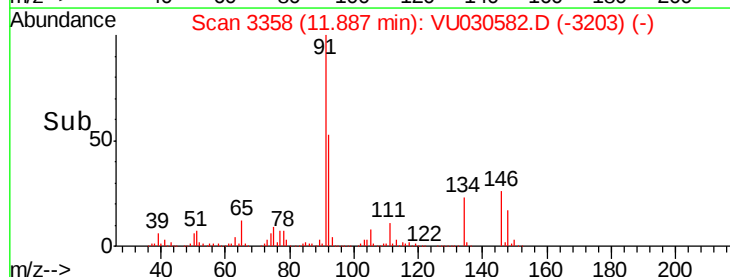
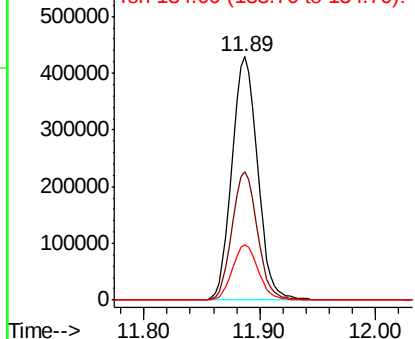


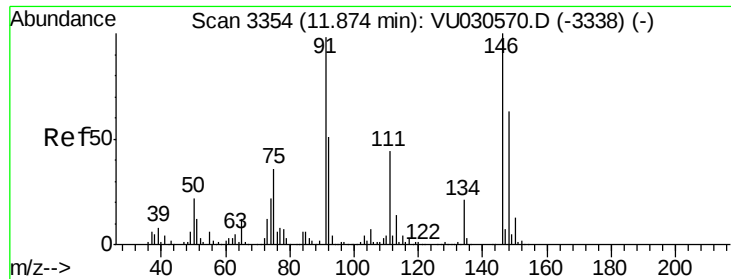
#84
 n-Butylbenzene
 Concen: 11.118 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion: 91 Resp: 655021
 Ion Ratio Lower Upper
 91 100
 92 52.1 41.7 62.5
 134 22.7 18.3 27.5



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





#85

1,2-Dichlorobenzene

Concen: 10.067 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

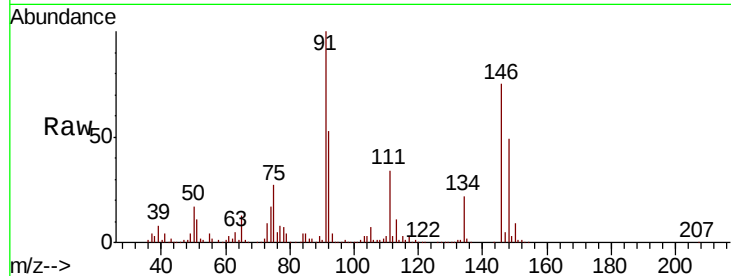
Tot Ion:146 Resp: 332941

Ion Ratio Lower Upper

146 100

111 44.9 21.9 65.5

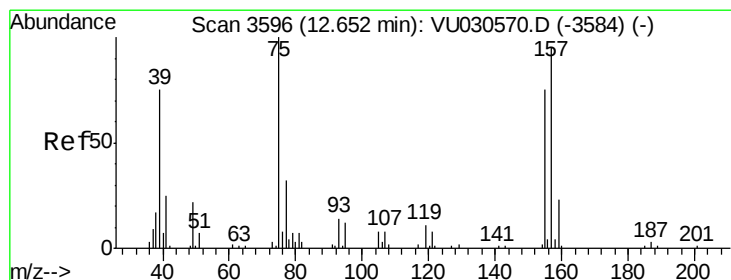
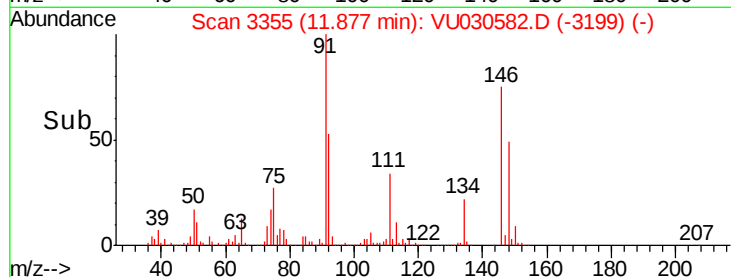
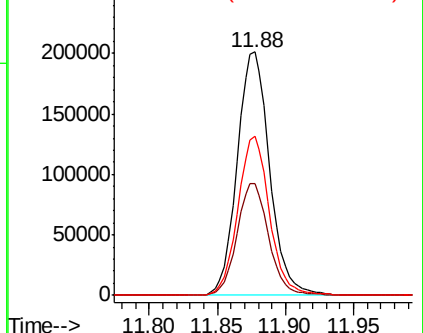
148 63.9 31.5 94.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.216 ug/l

RT: 12.66 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

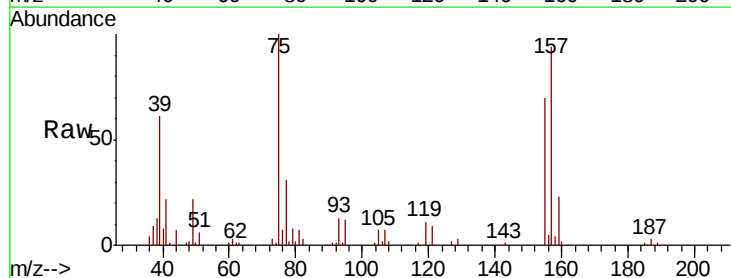
Tgt Ion: 75 Resp: 28724

Ion Ratio Lower Upper

75 100

155 70.4 59.7 89.5

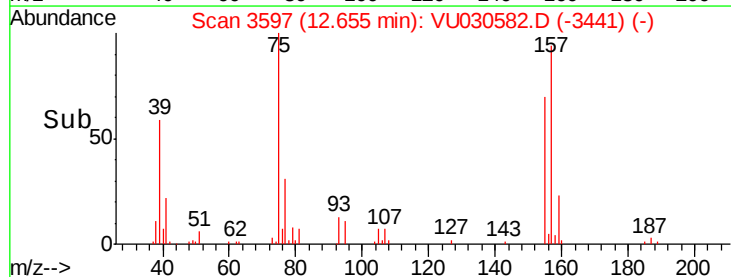
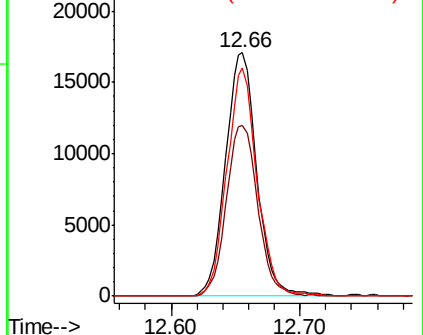
157 90.2 73.7 110.5

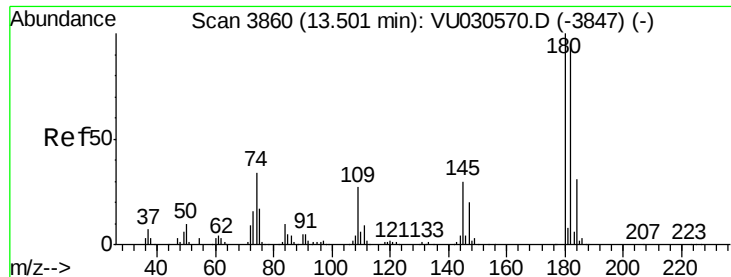


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

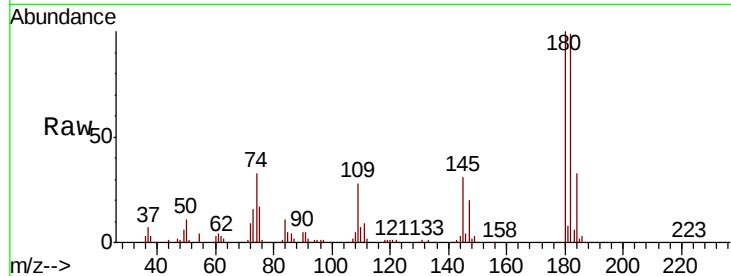




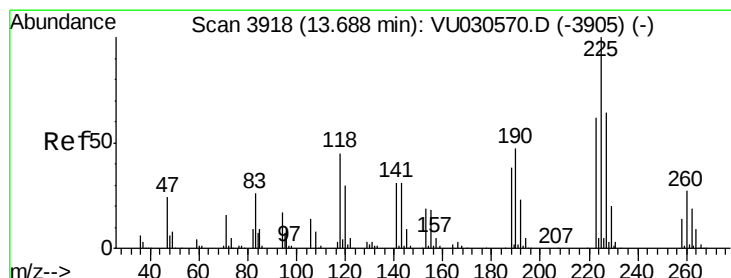
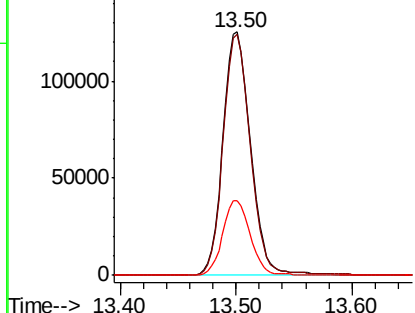
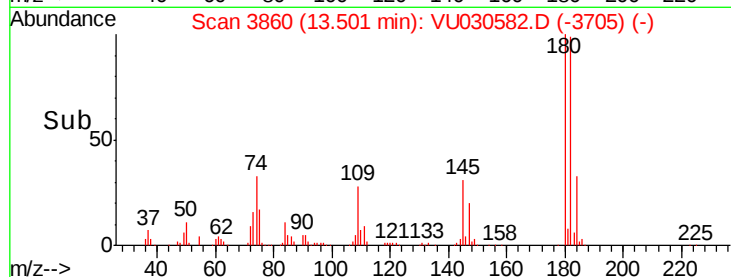
#87
 1,2,4-Trichlorobenzene
 Concen: 10.955 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.0	114.0
145	30.8	24.3	36.5

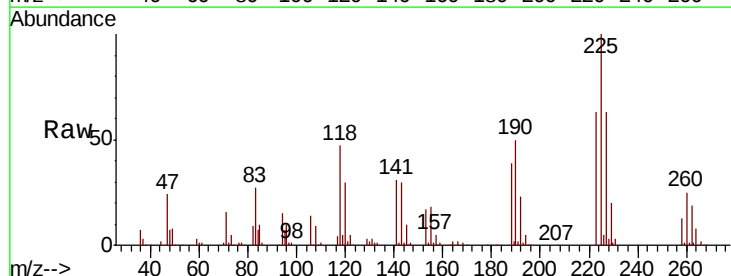


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

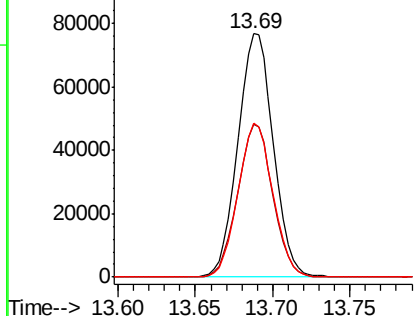
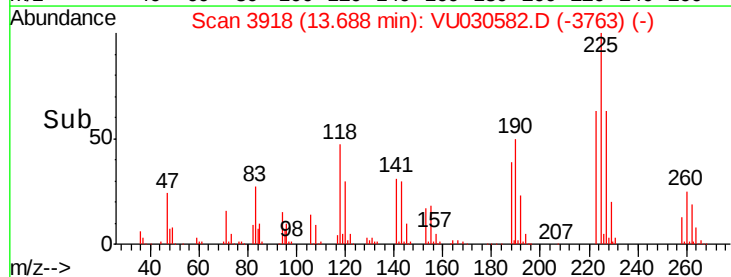


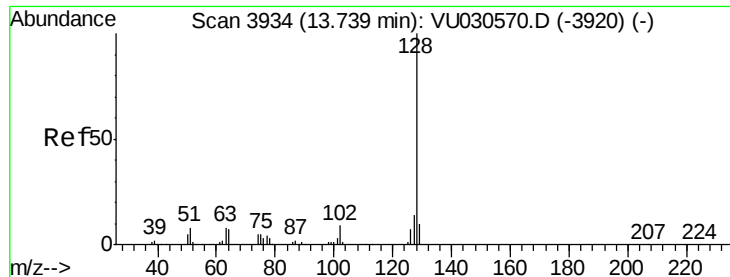
#88
 Hexachlorobutadiene
 Concen: 10.275 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU030582.D
 Acq: 30 Mar 2019 20:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.7	76.1
227	61.8	50.8	76.2



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 12.558 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU030582.D

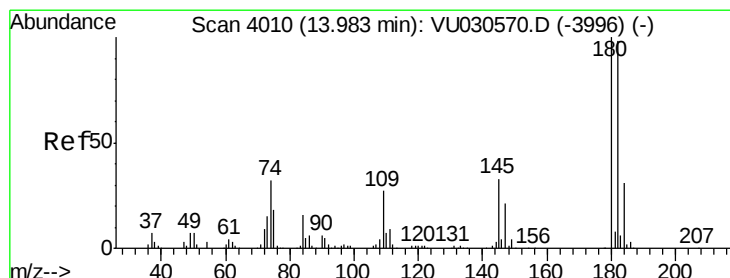
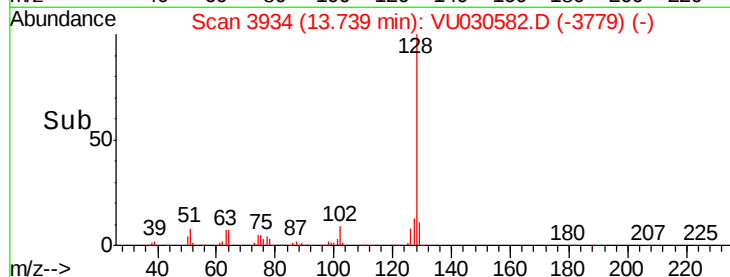
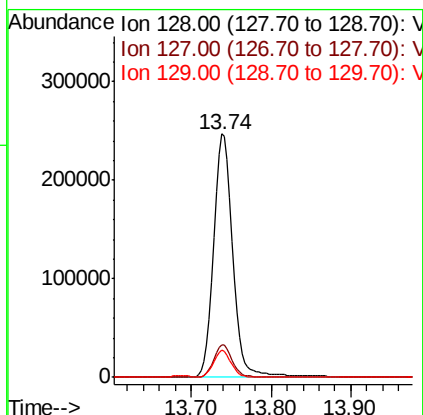
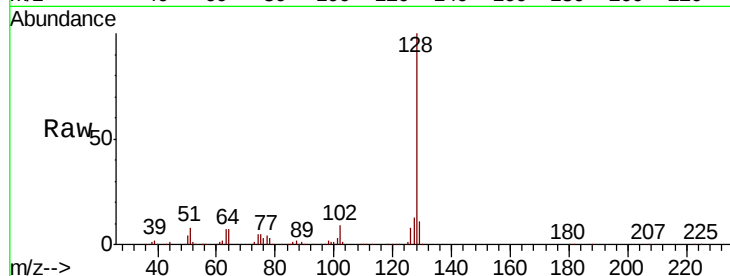
Acq: 30 Mar 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	128	Resp:	413905
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.3	7.8	11.8



#90

1,2,3-Trichlorobenzene

Concen: 11.089 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU030582.D

Acq: 30 Mar 2019 20:11

Tgt Ion:	180	Resp:	198679
Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.6	114.8
145	32.7	25.9	38.9

