

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103019\
 Data File : VU035552.D
 Acq On : 30 Oct 2019 11:00
 Operator : JC/SP
 Sample : VU1030WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 01:12:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	65816	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.66	95	24180	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	25484	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	52971	2.055 ug/l	99
3) Chloromethane	1.54	50	60667	1.921 ug/l	98
4) Vinyl Chloride	1.62	62	55193	1.972 ug/l	98
5) Bromomethane	1.88	94	27099	1.904 ug/l	98
6) Chloroethane	1.96	64	31601	1.964 ug/l	98
7) Trichlorofluoromethane	2.16	101	68808	1.989 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	37892	2.021 ug/l	99
9) 1,1-Dichloroethene	2.61	96	34887	1.929 ug/l	99
10) Iodomethane	2.75	142	13886	1.803 ug/l	99
11) Allyl Chloride	2.96	41	59755	1.966 ug/l	100
12) Acrylonitrile	3.37	53	20271	4.465 ug/l	86
13) Acetone	2.67	43	38410	8.716 ug/l	97
14) Carbon Disulfide	2.83	76	126470	1.978 ug/l	100
15) Methylene Chloride	3.08	84	44948	1.933 ug/l	97
16) trans-1,2-Dichloroethene	3.39	96	38636	1.942 ug/l	99
17) 1,1-Dichloroethane	3.92	63	75910	2.037 ug/l	98
18) 2-Butanone	4.79	43	47607	8.335 ug/l	99
19) Cyclohexane	5.43	56	46181	1.564 ug/l	99
20) Methylcyclohexane	6.80	83	51397	1.697 ug/l	94
21) 2,2-Dichloropropane	4.72	77	61155	1.902 ug/l	99
22) cis-1,2-Dichloroethene	4.72	96	41052	1.928 ug/l	97
23) Diethyl Ether	2.41	59	29216	1.959 ug/l	98
24) tert-Butyl Alcohol	3.26	59	45175	27.176 ug/l #	94
25) Methyl tert-Butyl Ether	3.43	73	97388	2.008 ug/l	98
26) Bromochloromethane	5.03	128	19276	2.028 ug/l	97
27) Chloroform	5.14	83	78462	1.971 ug/l	92
28) 1,1,1-Trichloroethane	5.36	97	62862	1.993 ug/l	98
29) 1,1-Dichloropropene	5.57	75	48596	1.837 ug/l	99
30) Carbon Tetrachloride	5.57	117	55799	1.989 ug/l	99
31) Isopropyl Ether	4.07	45	95879	1.843 ug/l	92
32) Ethyl-t-butyl ether	4.57	59	89206	1.852 ug/l	100
33) Tert-Amyl methyl ether	6.01	73	75589	1.824 ug/l	98
34) Propionitrile	4.85	54	15144	9.154 ug/l	94
35) Benzene	5.82	78	158557	1.965 ug/l	98
36) 1,2-Dichloroethane	5.84	62	45656	1.974 ug/l	100
37) Trichloroethene	6.58	130	40577	1.810 ug/l	98
38) 1,2-Dichloropropane	6.84	63	43115	1.948 ug/l	96
39) Methacrylonitrile	5.04	41	10555	1.699 ug/l #	90
40) Methyl acrylate	4.92	55	14716	1.556 ug/l #	92
41) Tetrahydrofuran	5.14	42	11670	3.654 ug/l #	39
42) 1-Chlorobutane	5.50	56	65867	1.810 ug/l	99

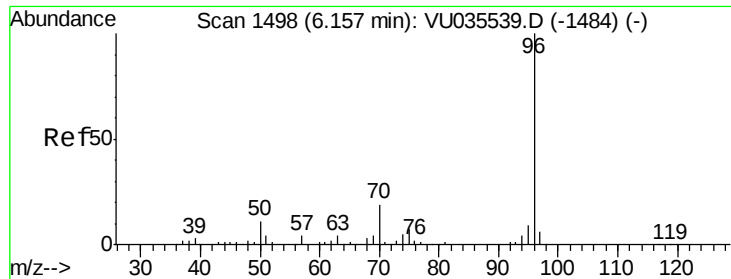
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103019\
 Data File : VU035552.D
 Acq On : 30 Oct 2019 11:00
 Operator : JC/SP
 Sample : VU1030WBS01
 Misc : 25.0mL/MSVOA U/WATER
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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 01:12:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	22110	2.000	ug/l	98
44) Bromodichloromethane	7.15	83	56331	2.045	ug/l	98
45) 4-Methyl-2-Pentanone	7.85	43	107635	9.130	ug/l	97
46) t-1,4-Dichloro-2-butene	10.86	75	48470	11.312	ug/l #	52
47) Methyl methacrylate	7.02	69	33712	3.682	ug/l	95
48) Ethyl methacrylate	8.38	69	27395	1.712	ug/l	91
49) Toluene	8.01	92	88077	1.897	ug/l	99
50) t-1,3-Dichloropropene	8.25	75	45076	1.848	ug/l	96
51) cis-1,3-Dichloropropene	7.65	75	54346	1.878	ug/l	98
52) 1,1,2-Trichloroethane	8.44	97	32665	2.108	ug/l	96
53) 1,3-Dichloropropane	8.61	76	53487	2.037	ug/l	97
54) 2-Hexanone	8.75	43	68989	8.234	ug/l	95
55) Dibromochloromethane	8.85	129	38664	2.044	ug/l	96
56) 1,2-Dibromoethane	8.96	107	26837	1.893	ug/l	95
58) Tetrachloroethene	8.59	164	42176	2.052	ug/l	94
59) Chlorobenzene	9.48	112	99542	1.860	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.57	131	42080	2.045	ug/l	97
61) Pentachloroethane	11.46	117	34474	2.056	ug/l	96
62) Hexachloroethane	12.50	117	29550	1.929	ug/l	97
63) Ethyl Benzene	9.60	91	146820	1.766	ug/l	98
64) m/p-Xylenes	9.73	106	117294	3.574	ug/l #	5
65) o-Xylene	10.13	106	57048	1.799	ug/l	100
66) Styrene	10.15	104	91863	1.750	ug/l	99
67) Bromoform	10.32	173	23355	1.990	ug/l	98
69) Isopropylbenzene	10.51	105	148686	1.798	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.82	83	41673	2.017	ug/l #	65
71) 1,2,3-Trichloropropane	10.86	75	48470	3.124	ug/l #	62
72) Bromobenzene	10.82	156	45036	1.955	ug/l	95
73) n-propylbenzene	10.93	120	38530	1.669	ug/l	97
74) 2-Chlorotoluene	11.02	126	39385	1.819	ug/l	97
75) 1,3,5-Trimethylbenzene	11.12	105	115648	1.697	ug/l	100
76) 4-Chlorotoluene	11.13	126	40483	1.841	ug/l	97
77) tert-Butylbenzene	11.45	119	123738	1.771	ug/l	100
78) 1,2,4-Trimethylbenzene	11.50	105	109190	1.584	ug/l	99
79) sec-Butylbenzene	11.67	105	148756	1.664	ug/l	98
80) Nitrobenzene	13.23	77	2511	3.627	ug/l #	88
81) p-Isopropyltoluene	11.82	119	108317	1.515	ug/l #	68
82) 1,3-Dichlorobenzene	11.78	146	78002	1.778	ug/l	97
83) 1,4-Dichlorobenzene	11.87	146	76593	1.820	ug/l	99
84) n-Butylbenzene	12.24	91	82039	1.398	ug/l	96
85) 1,2-Dichlorobenzene	12.24	146	74100	1.793	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.03	75	4919	1.870	ug/l	95
87) 1,2,4-Trichlorobenzene	13.87	180	21082	1.636	ug/l	98
88) Hexachlorobutadiene	14.04	225	25755	1.674	ug/l	97
89) Naphthalene	14.11	128	24271	1.565	ug/l	99
90) 1,2,3-Trichlorobenzene	14.36	180	22413	1.624	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

Delta R.T. -0.00 min

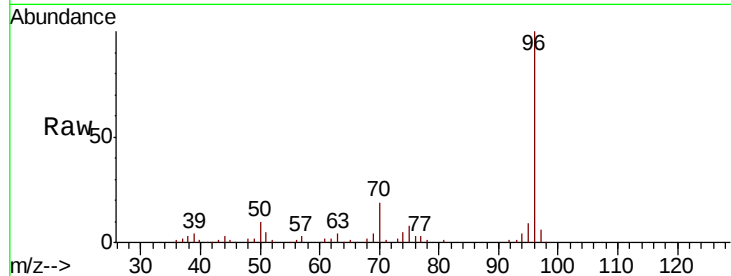
Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

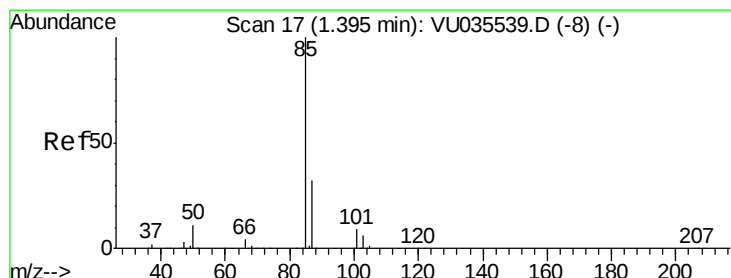
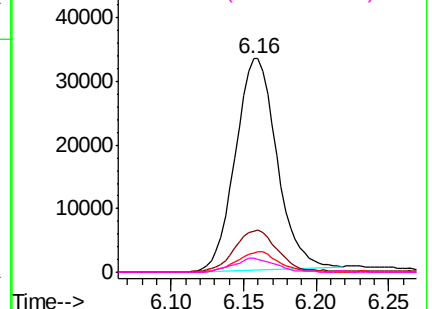
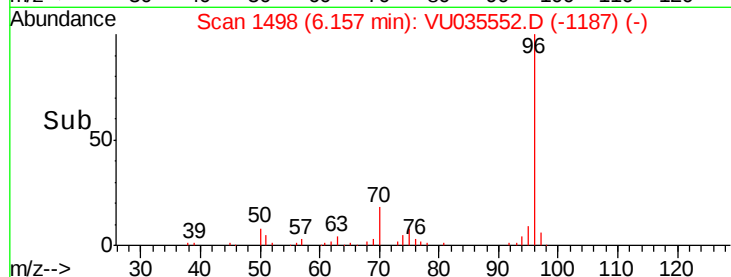
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 65816

Ion	Ratio	Lower	Upper
96	100		
70	19.6	15.8	23.8
95	9.8	7.4	11.2
97	6.8	0.0	0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU035539.D (-1484) (-)



#2

Dichlorodifluoromethane

Concen: 2.055 ug/l

RT: 1.40 min Scan# 18

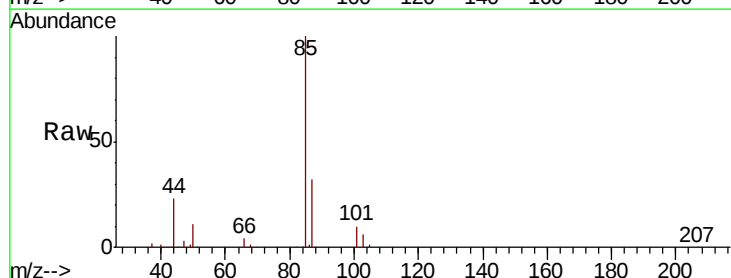
Delta R.T. 0.00 min

Lab File: VU035552.D

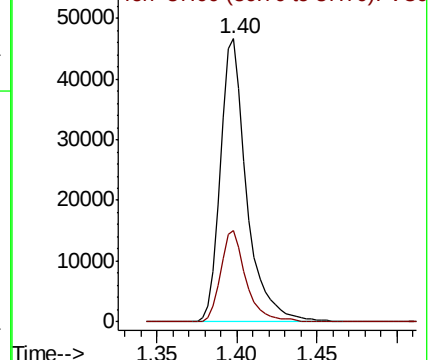
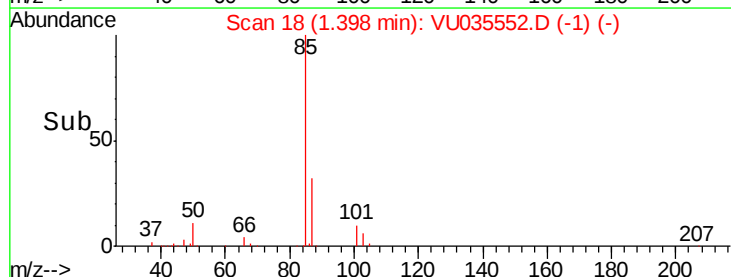
Acq: 30 Oct 2019 11:00

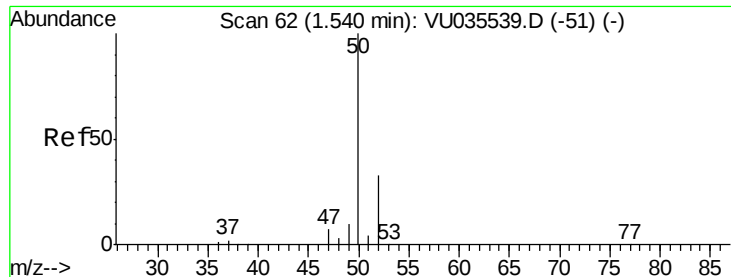
Tgt Ion: 85 Resp: 52971

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.4



Abundance Ion 85.00 (84.70 to 85.70): VU035539.D (-8) (-)





#3

Chloromethane

Concen: 1.921 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

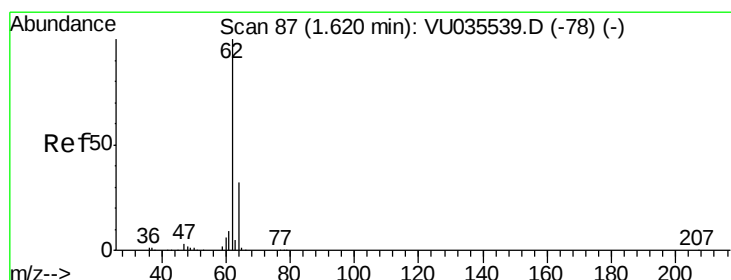
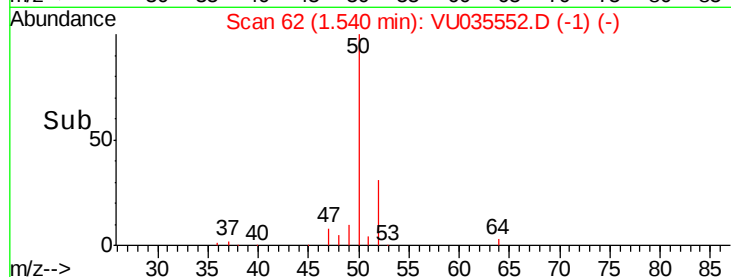
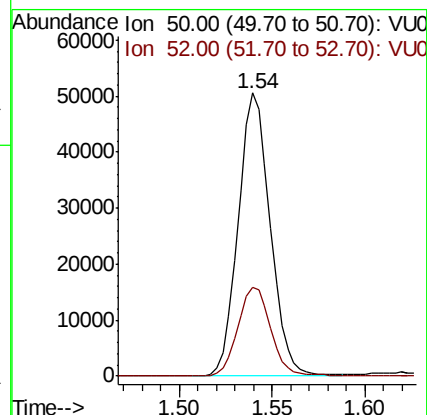
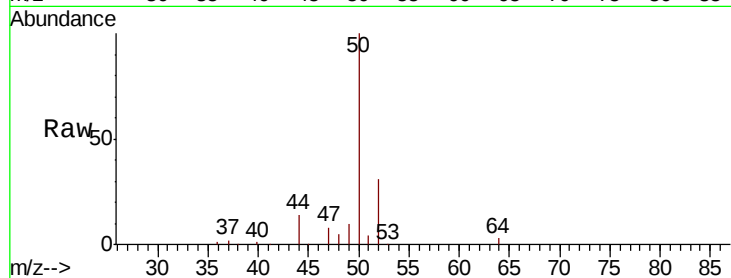
ClientSampleId :

Tot Ion: 50 Resp: 60667

Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



#4

Vinyl Chloride

Concen: 1.972 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035552.D

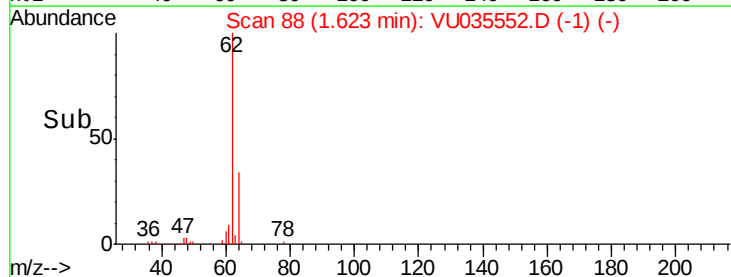
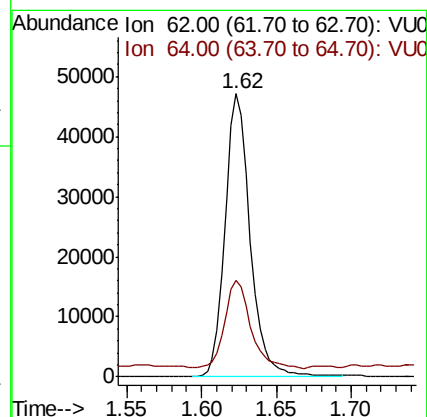
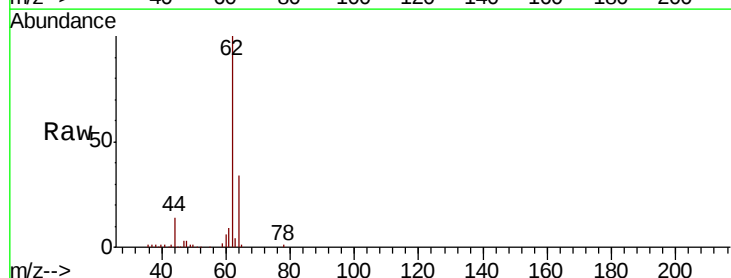
Acq: 30 Oct 2019 11:00

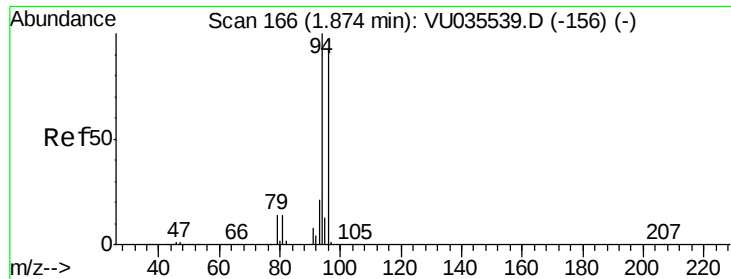
Tgt Ion: 62 Resp: 55193

Ion Ratio Lower Upper

62 100

64 30.8 25.6 38.4





#5

Bromomethane

Concen: 1.904 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

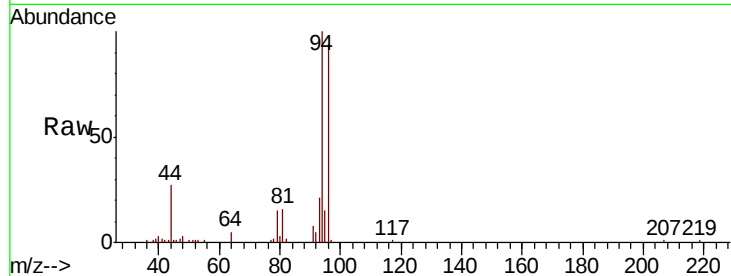
ClientSampleId :

Tot Ion: 94 Resp: 27099

Ion Ratio Lower Upper

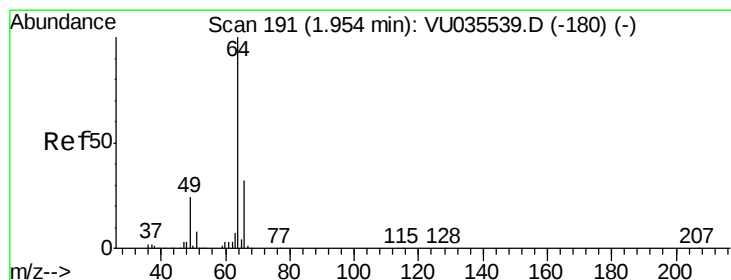
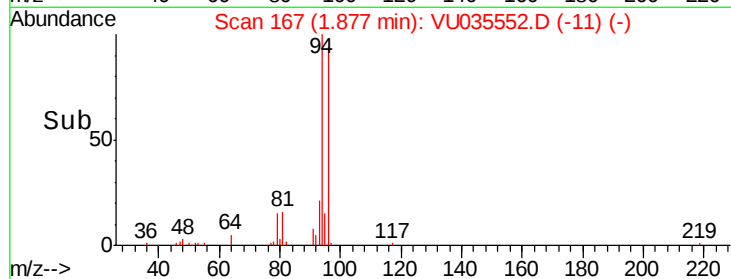
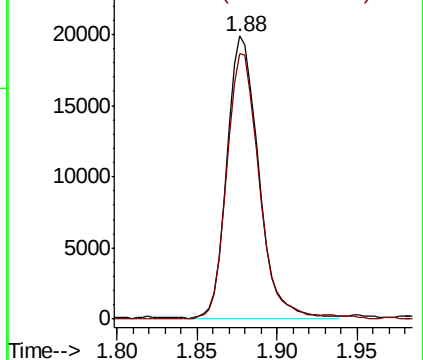
94 100

96 93.8 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.964 ug/l

RT: 1.96 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU035552.D

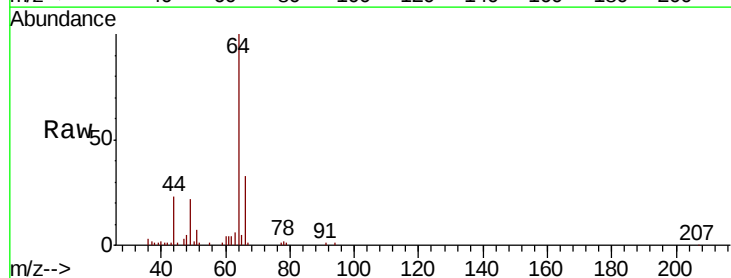
Acq: 30 Oct 2019 11:00

Tgt Ion: 64 Resp: 31601

Ion Ratio Lower Upper

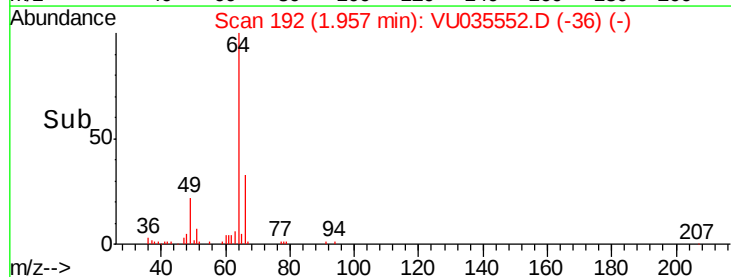
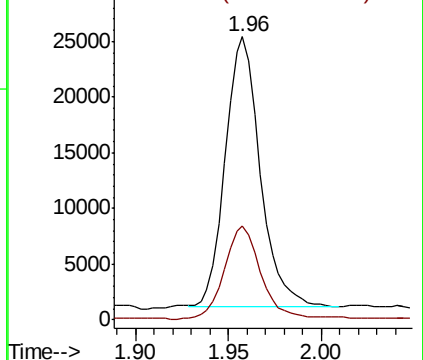
64 100

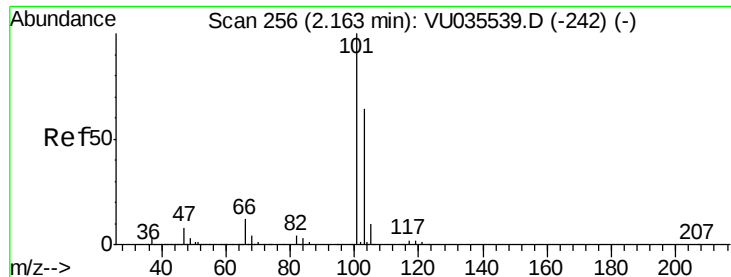
66 33.8 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



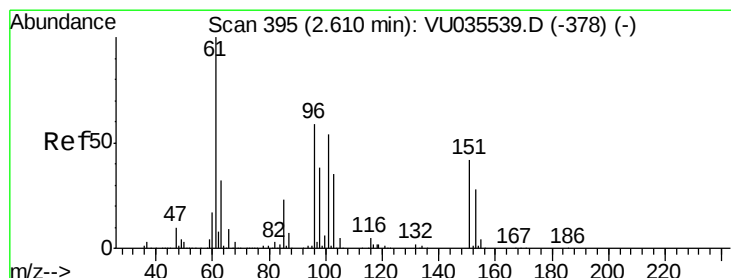
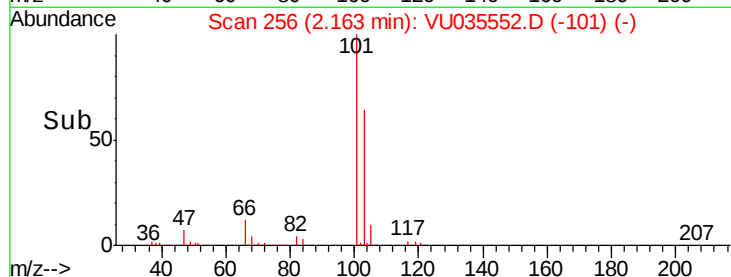
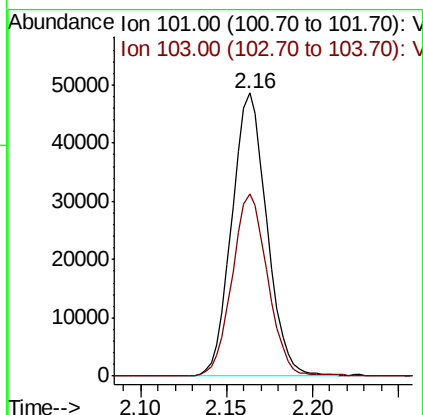
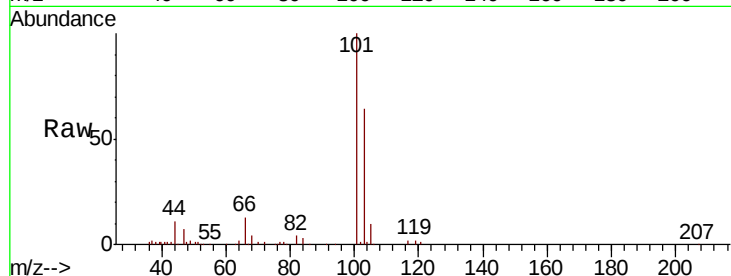


#7

Trichlorofluoromethane
 Concen: 1.989 ug/l
 RT: 2.16 min Scan# 256
 Delta R.T. -0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :

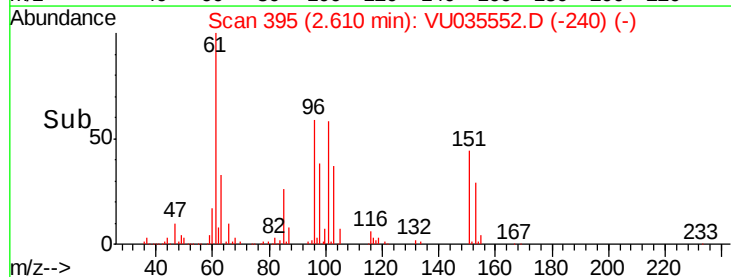
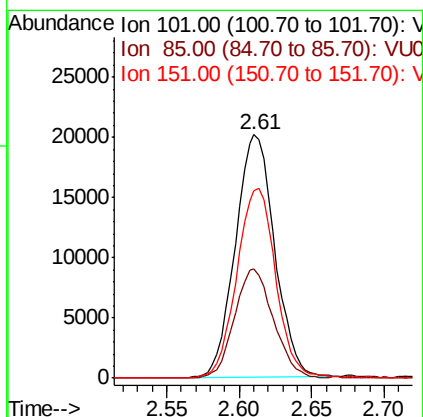
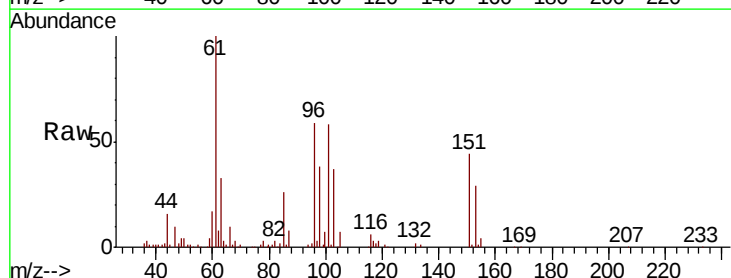
Tot Ion:101 Resp: 68808
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.6

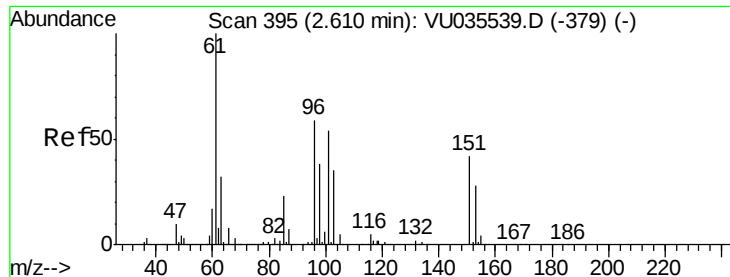


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.021 ug/l
 RT: 2.61 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

Tgt Ion:101 Resp: 37892
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.8 53.6
 151 77.7 61.8 92.6





#9

1,1-Dichloroethene

Concen: 1.929 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :

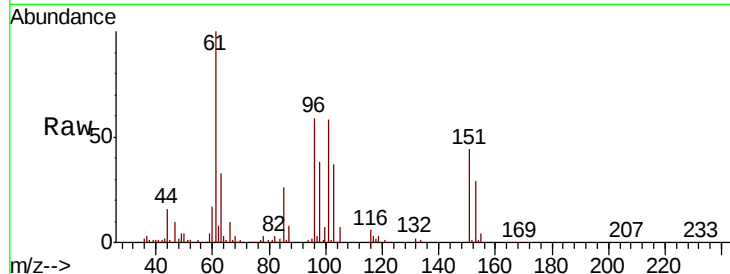
Tot Ion: 96 Resp: 34887

Ion Ratio Lower Upper

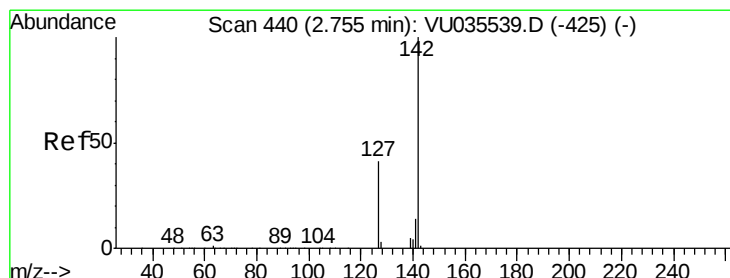
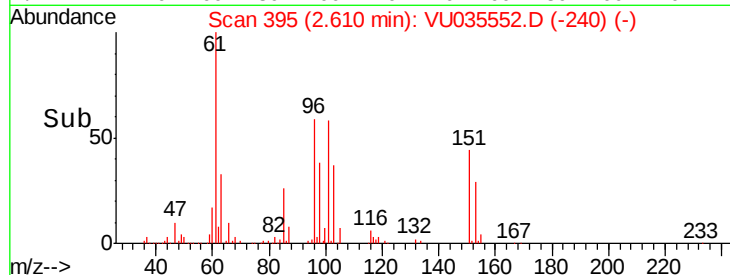
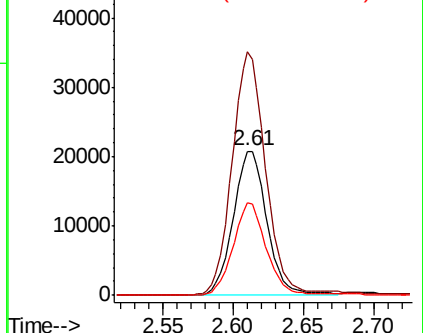
96 100

61 169.1 0.0 508.8

98 63.9 0.0 130.4



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



#10

Iodomethane

Concen: 1.803 ug/l

RT: 2.75 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU035552.D

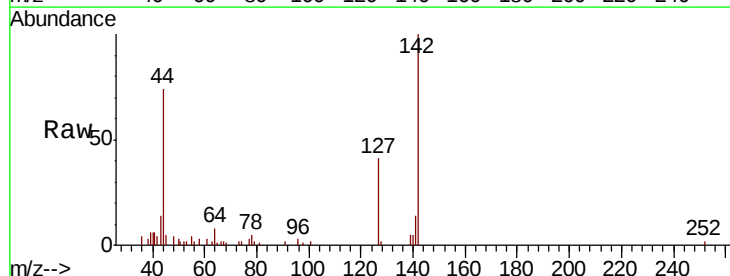
Acq: 30 Oct 2019 11:00

Tgt Ion: 142 Resp: 13886

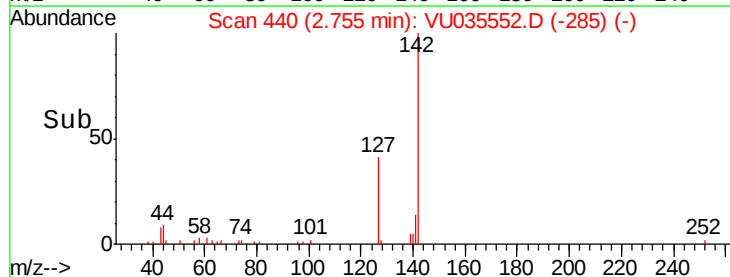
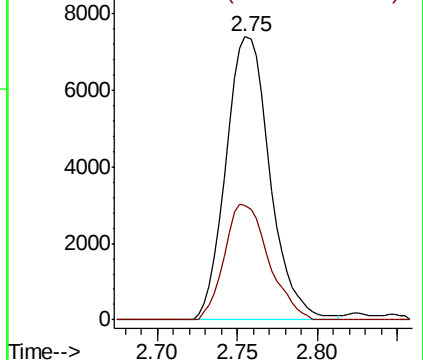
Ion Ratio Lower Upper

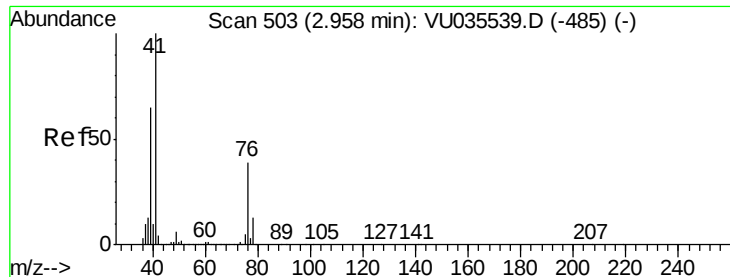
142 100

127 41.0 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V

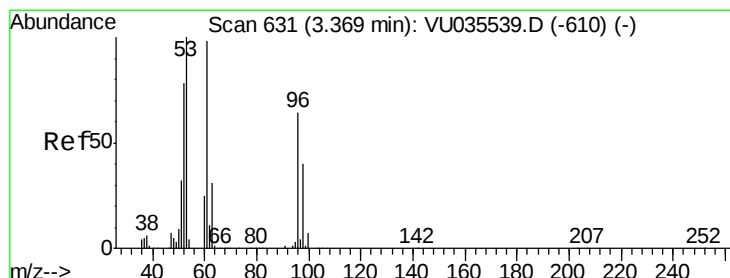
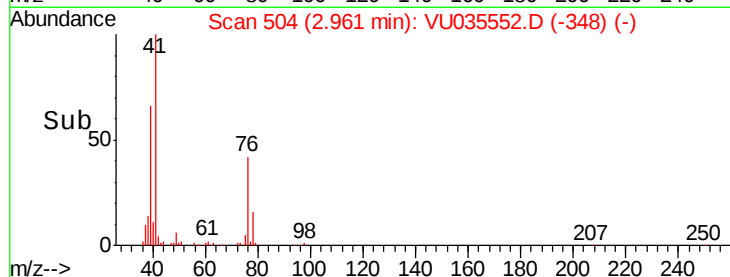
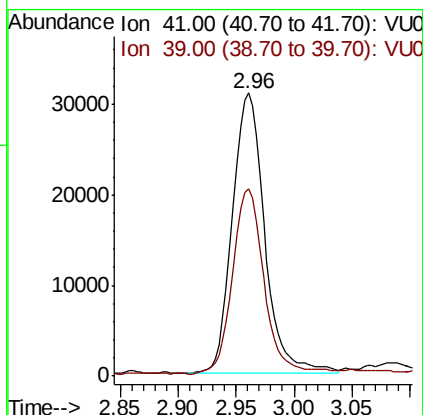
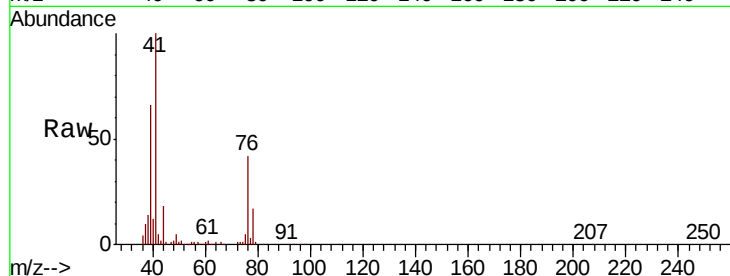




#11
Allvl Chloride
Concen: 1.966 ug/l
RT: 2.96 min Scan# 504
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

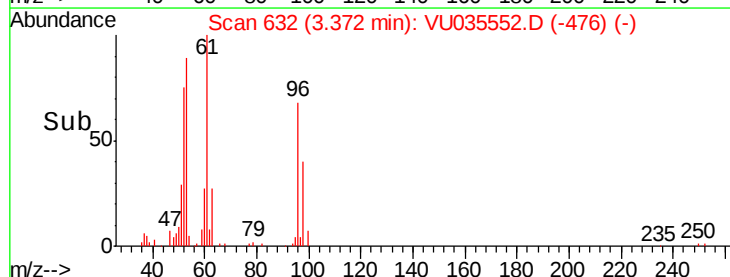
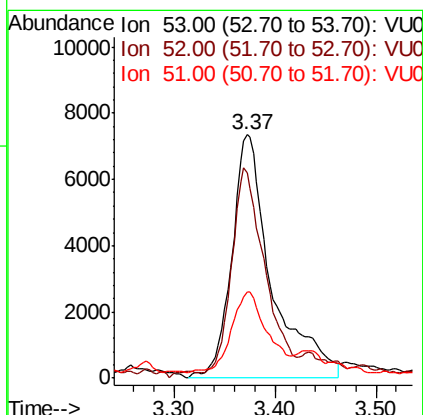
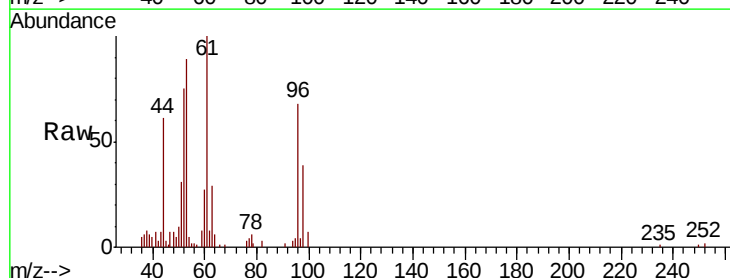
Instrument :
MSVOA_U
ClientSampled :

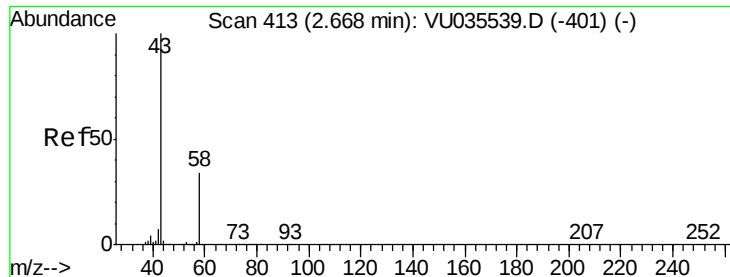
Tot Ion: 41 Resp: 59755
Ion Ratio Lower Upper
41 100
39 64.8 52.0 78.0



#12
Acrylonitrile
Concen: 4.465 ug/l
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion: 53 Resp: 20271
Ion Ratio Lower Upper
53 100
52 69.3 67.4 101.0
51 29.5 27.0 40.4





#13

Acetone

Concen: 8.716 ug/l

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

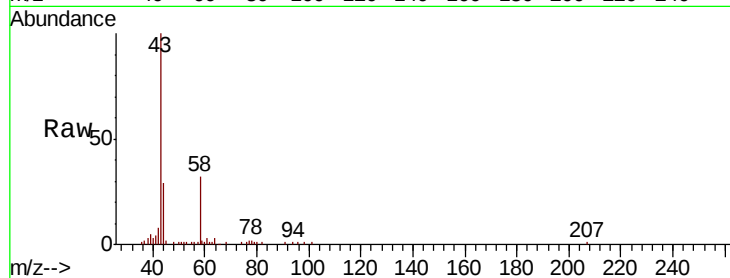
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 38410

Ion Ratio Lower Upper

43 100

58 33.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-401) (-)

Ion 58.00 (57.70 to 58.70): VU035539.D (-401) (-)

2.67

20000

15000

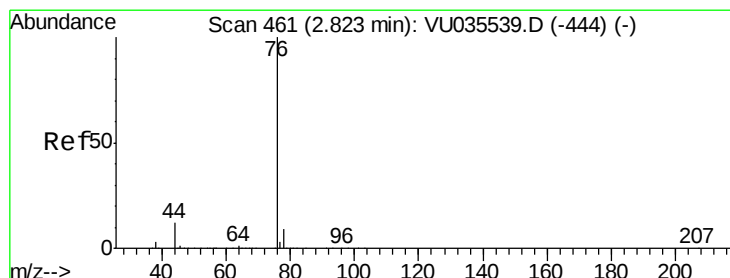
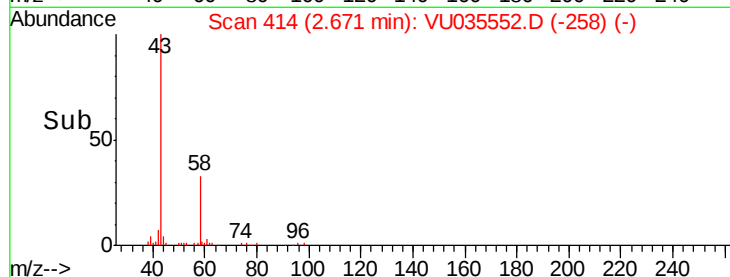
10000

5000

0

Time-->

2.60 2.65 2.70 2.75



#14

Carbon Disulfide

Concen: 1.978 ug/l

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035552.D

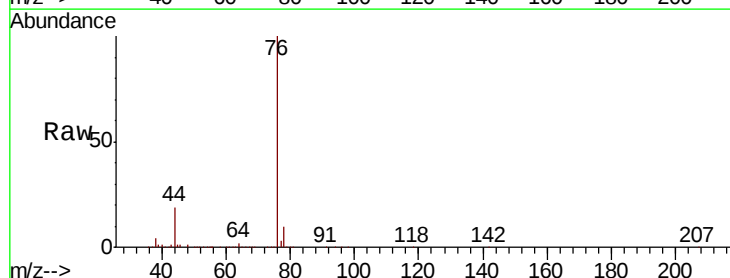
Acq: 30 Oct 2019 11:00

Tgt Ion: 76 Resp: 126470

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU035539.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU035539.D (-444) (-)

2.83

80000

60000

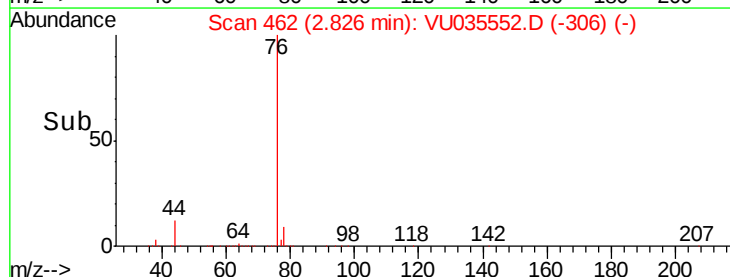
40000

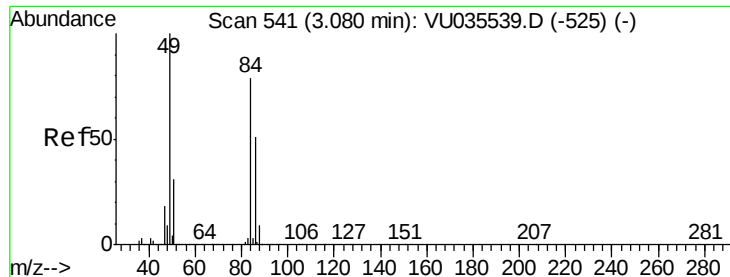
20000

0

Time-->

2.80 2.90

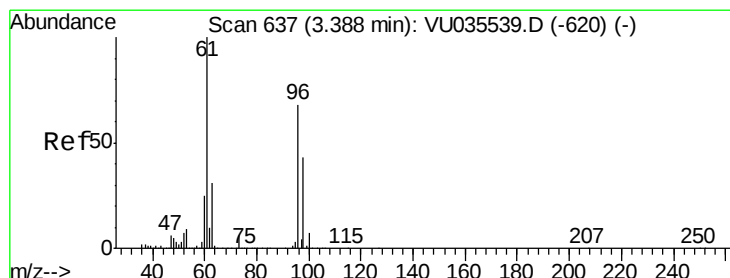
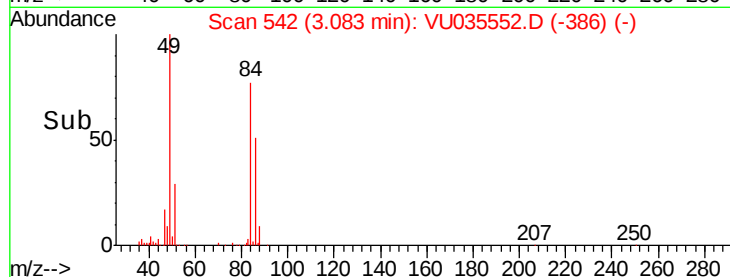
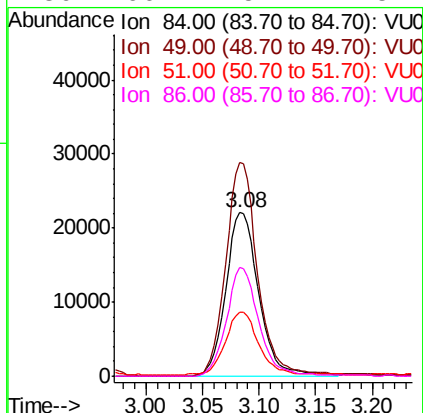
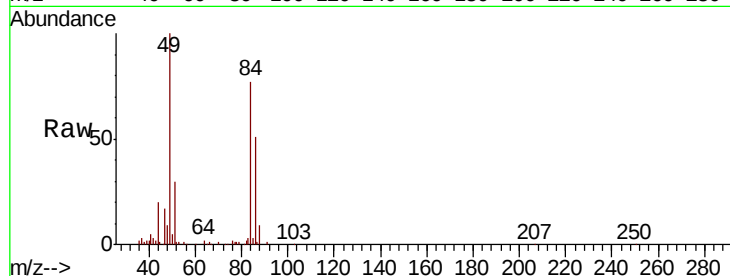




#15
Methvlene Chloride
Concen: 1.933 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

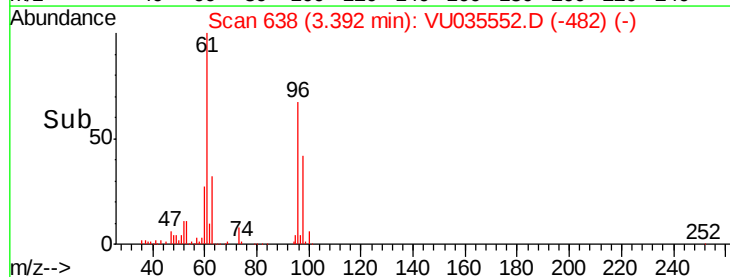
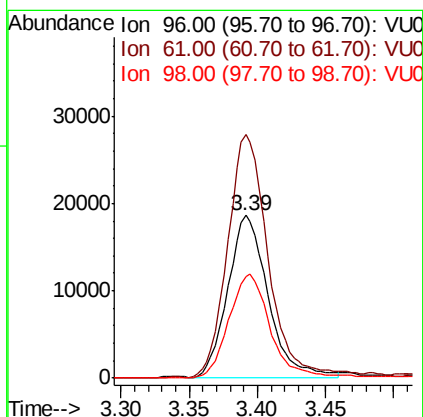
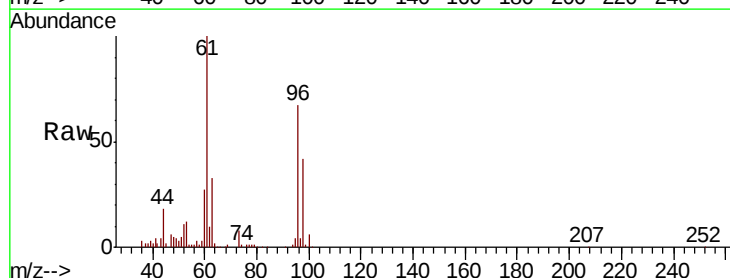
Instrument :
MSVOA_U
ClientSampleId :

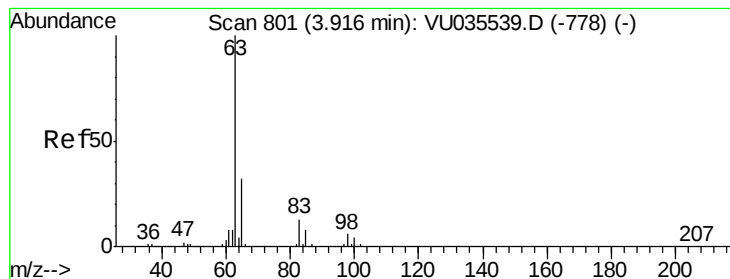
Tot Ion: 84 Resp: 44948
Ion Ratio Lower Upper
84 100
49 130.4 101.5 152.3
51 37.4 0.0 78.6
86 66.4 52.2 78.2



#16
trans-1,2-Dichloroethene
Concen: 1.942 ug/l
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion: 96 Resp: 38636
Ion Ratio Lower Upper
96 100
61 149.1 117.8 176.8
98 62.6 50.2 75.2





#17

1,1-Dichloroethane

Concen: 2.037 ug/l

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

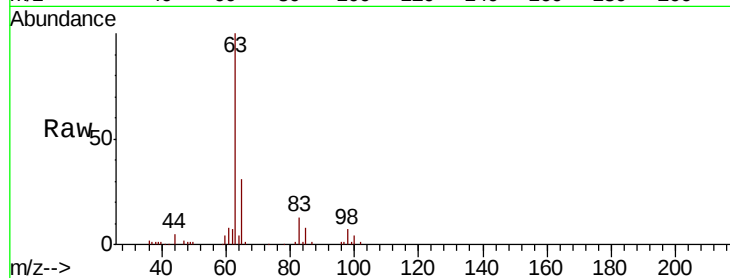
Tot Ion: 63 Resp: 75910

Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.3

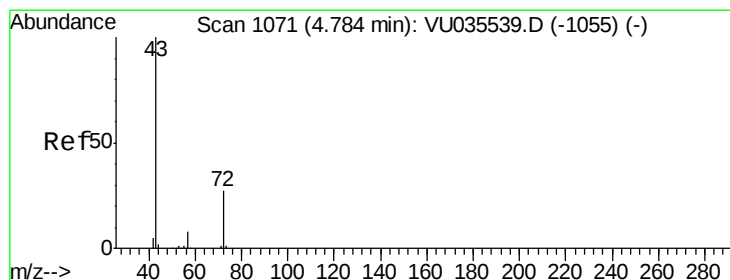
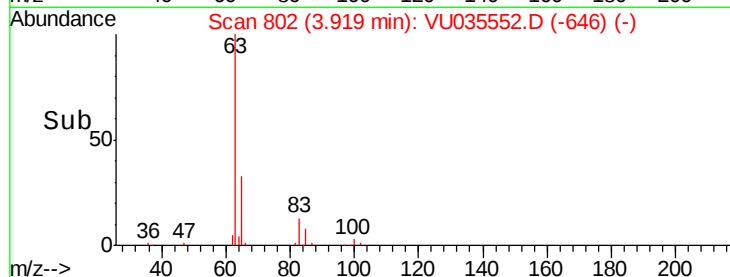
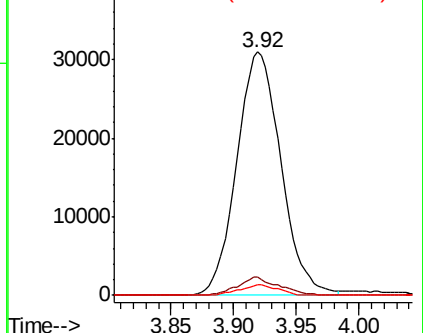
100 4.2 2.1 6.3



Abundance Ion 63.00 (62.70 to 63.70): VU035539.D (-778) (-)

Ion 98.00 (97.70 to 98.70): VU035539.D (-778) (-)

Ion 100.00 (99.70 to 100.70): VU035539.D (-778) (-)



#18

2-Butanone

Concen: 8.335 ug/l

RT: 4.79 min Scan# 1073

Delta R.T. 0.01 min

Lab File: VU035552.D

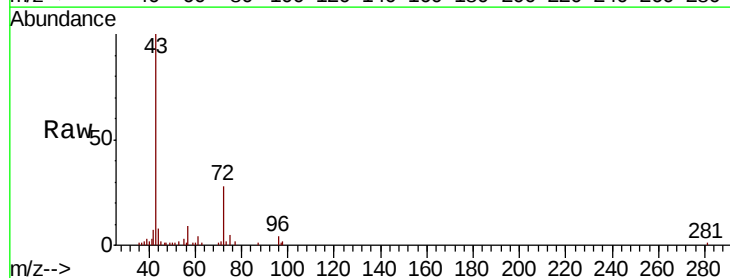
Acq: 30 Oct 2019 11:00

Tgt Ion: 43 Resp: 47607

Ion Ratio Lower Upper

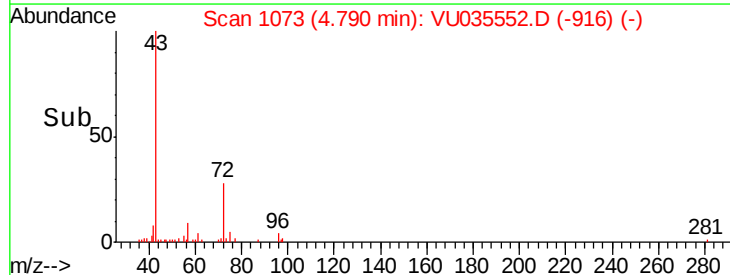
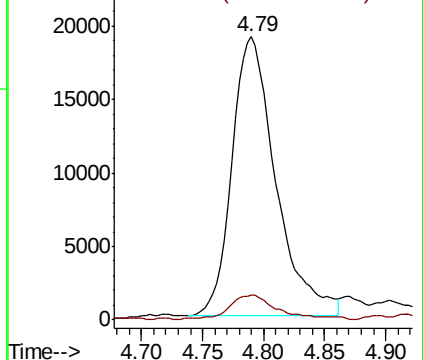
43 100

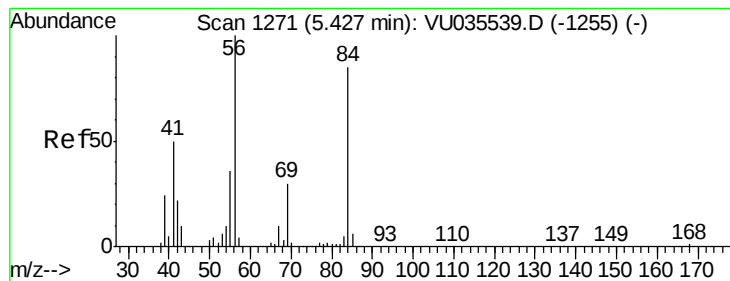
57 8.1 0.0 17.0



Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-1055) (-)

Ion 57.00 (56.70 to 57.70): VU035539.D (-1055) (-)





#19

Cyclohexane

Concen: 1.564 ug/l

RT: 5.43 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

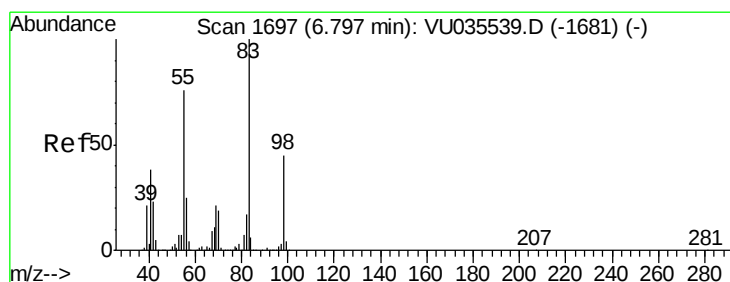
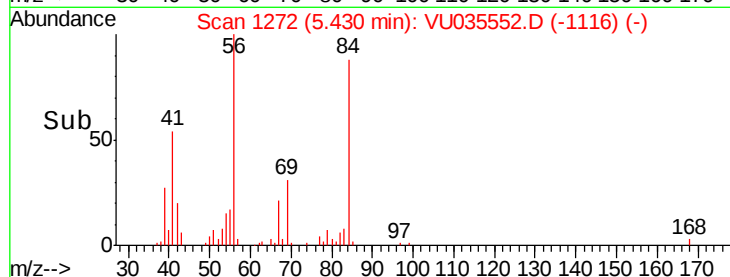
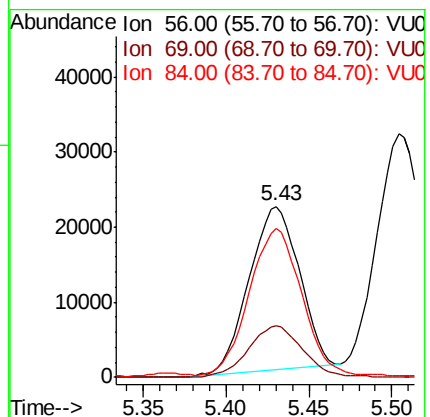
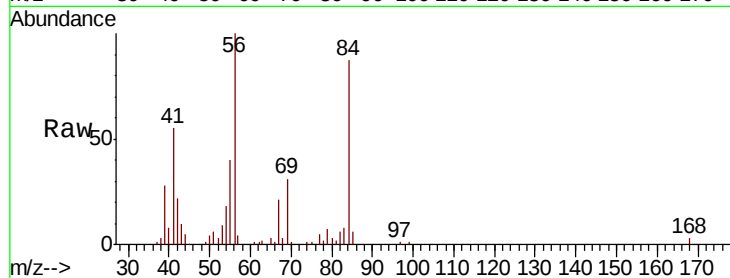
Tot Ion: 56 Resp: 46181

Ion Ratio Lower Upper

56 100

69 34.0 26.4 39.6

84 92.2 72.9 109.3



#20

Methylcyclohexane

Concen: 1.697 ug/l

RT: 6.80 min Scan# 1697

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

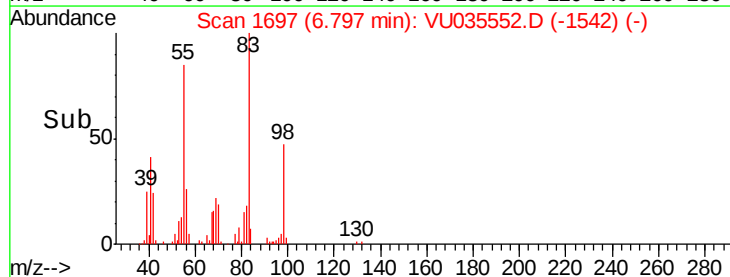
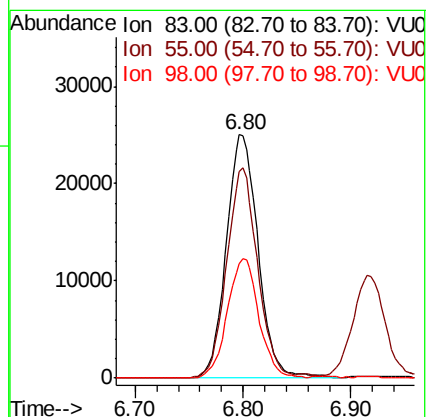
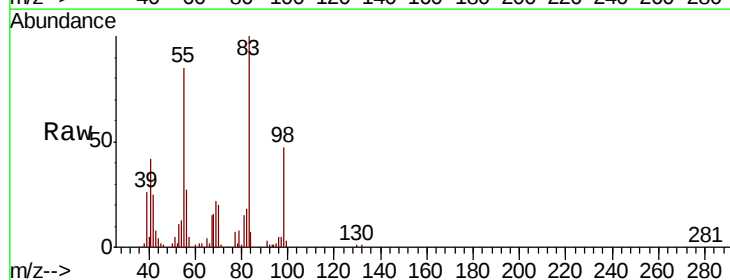
Tgt Ion: 83 Resp: 51397

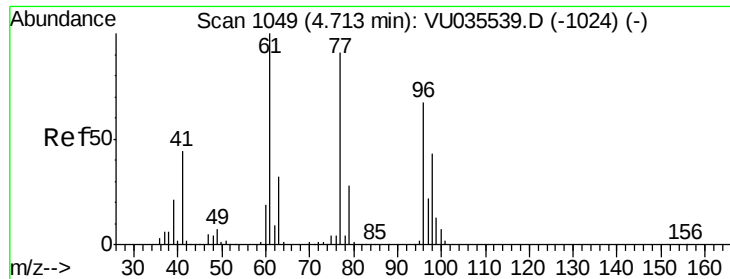
Ion Ratio Lower Upper

83 100

55 81.9 61.2 91.8

98 48.7 36.7 55.1





#21

2,2-Dichloropropane

Concen: 1.902 ug/l

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

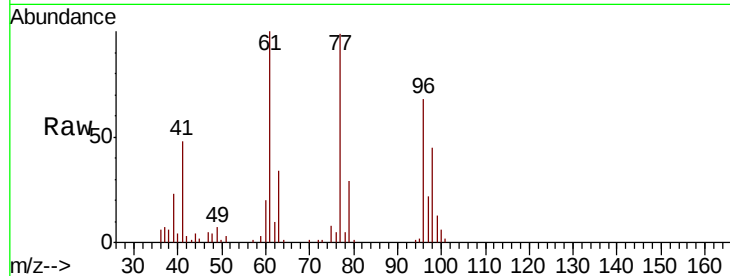
ClientSampleId :

Tot Ion: 77 Resp: 61155

Ion Ratio Lower Upper

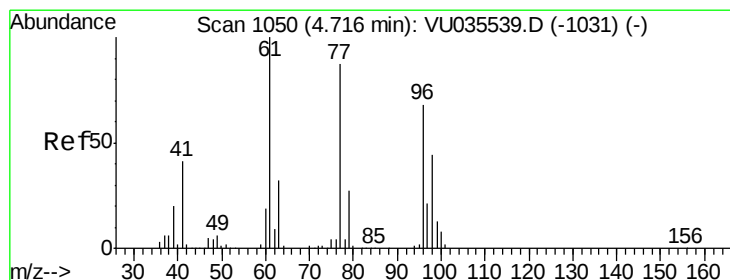
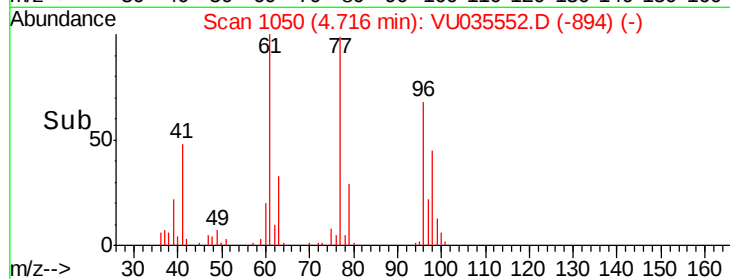
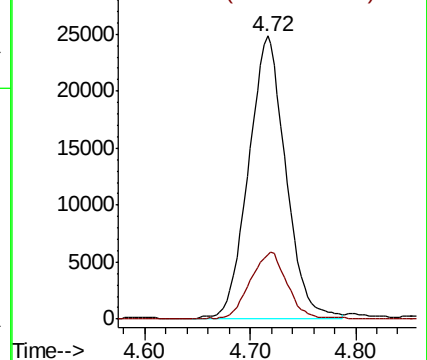
77 100

97 23.3 18.8 28.2



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.928 ug/l

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

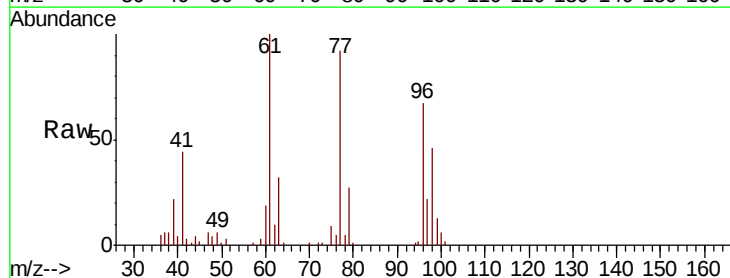
Tgt Ion: 96 Resp: 41052

Ion Ratio Lower Upper

96 100

61 150.8 0.0 370.5

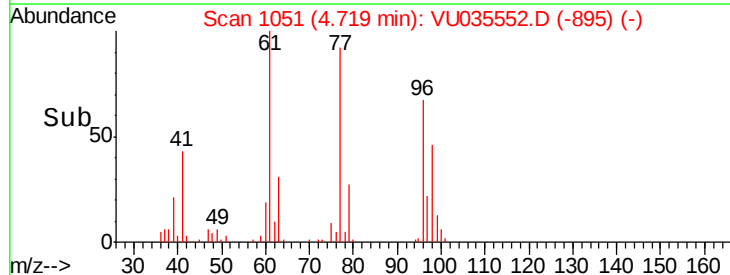
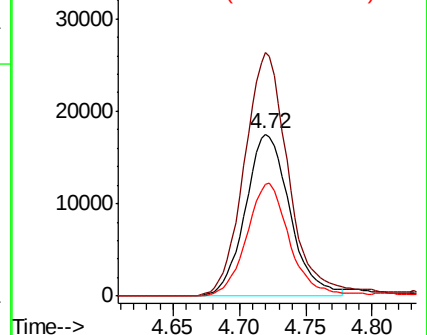
98 67.1 31.8 95.4

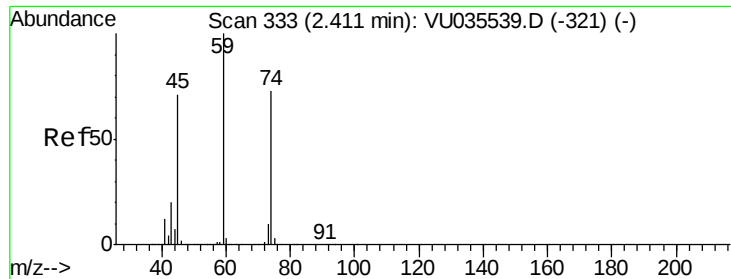


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

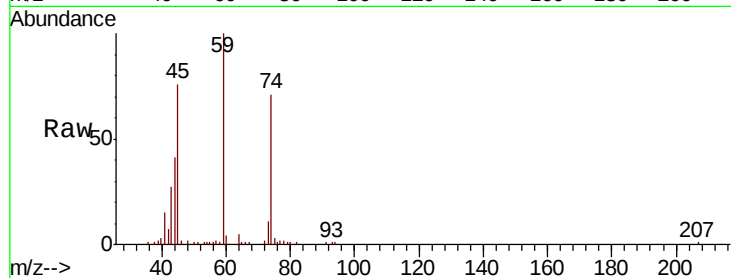




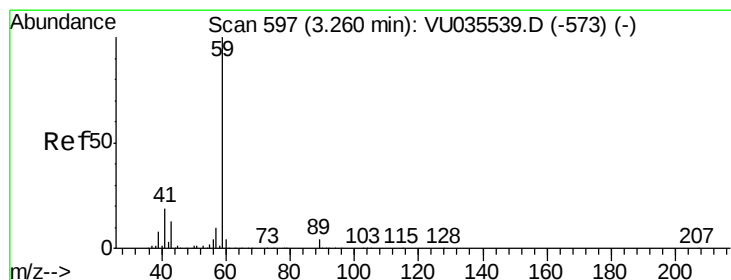
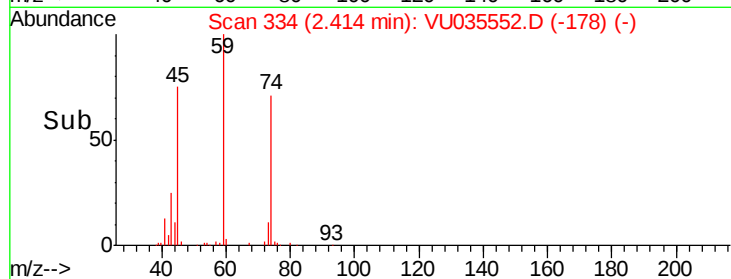
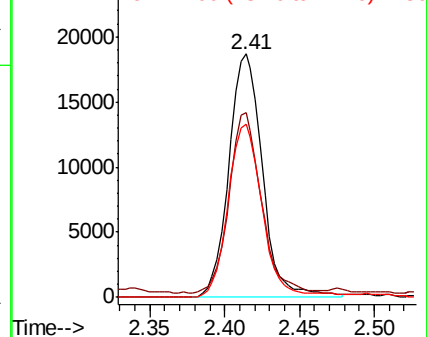
#23
Diethyl Ether
Concen: 1.959 ug/l
RT: 2.41 min Scan# 334
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 59 Resp: 29216
Ion Ratio Lower Upper
59 100
45 71.3 56.9 85.3
74 71.3 59.5 89.3

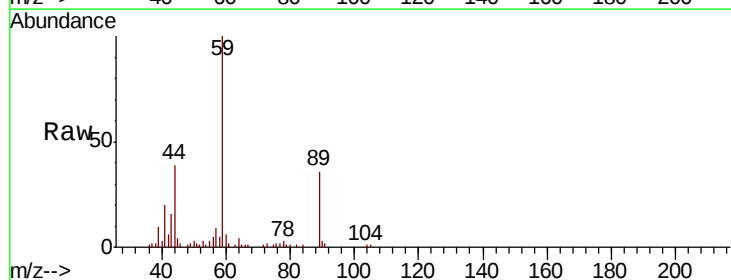


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

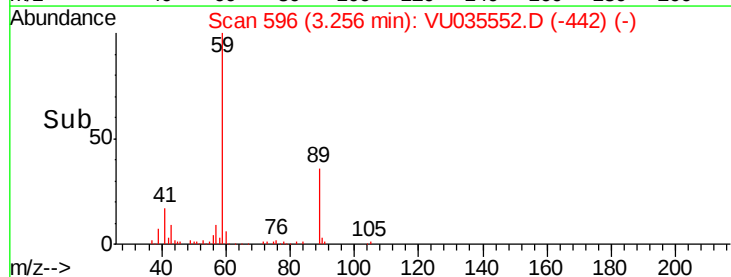
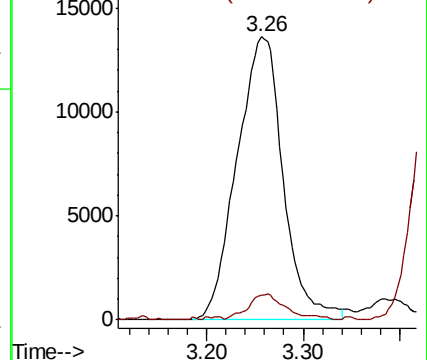


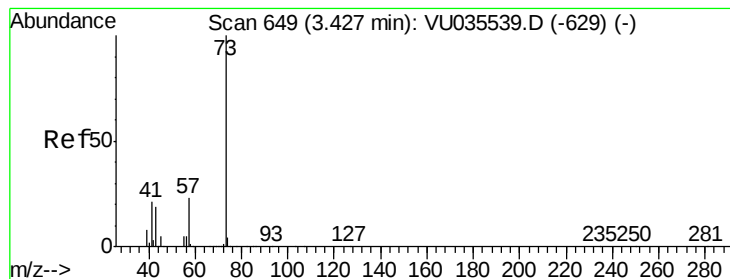
#24
tert-Butyl Alcohol
Concen: 27.176 ug/l
RT: 3.26 min Scan# 596
Delta R.T. -0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion: 59 Resp: 45175
Ion Ratio Lower Upper
59 100
57 7.0 7.4 11.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#25

Methvl tert-Butvl Ether

Concen: 2.008 ug/l

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

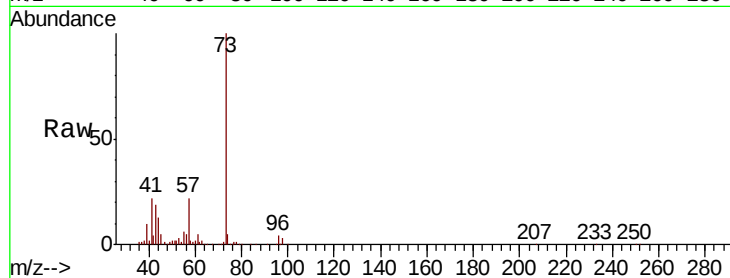
ClientSampleId :

Tot Ion: 73 Resp: 97388

Ion Ratio Lower Upper

73 100

43 20.2 15.4 23.2

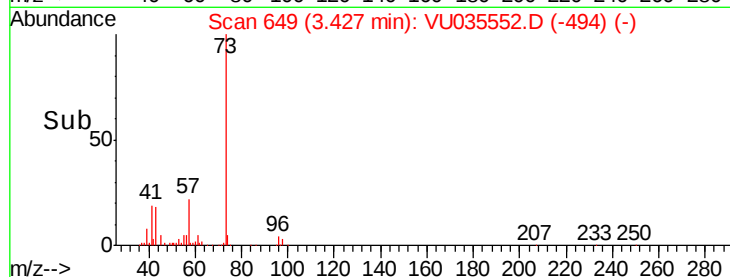


Abundance Ion 73.00 (72.70 to 73.70): VU035539.D (-629) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-629) (-)

3.43

Time-->

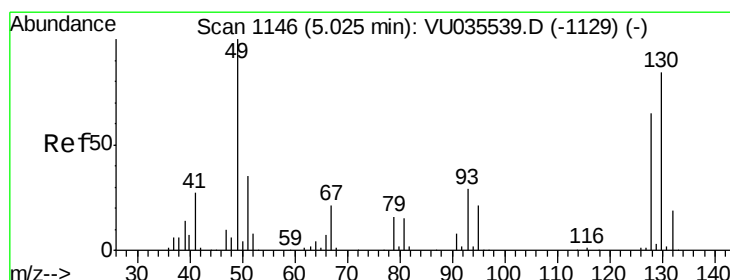


Abundance Ion 73.00 (72.70 to 73.70): VU035552.D (-494) (-)

Ion 43.00 (42.70 to 43.70): VU035552.D (-494) (-)

3.43

Time-->



#26

Bromochloromethane

Concen: 2.028 ug/l

RT: 5.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

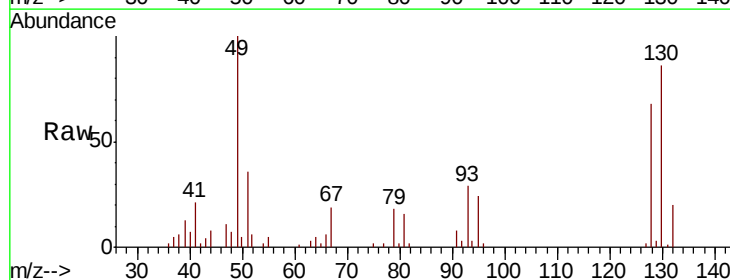
Tgt Ion: 128 Resp: 19276

Ion Ratio Lower Upper

128 100

49 149.3 0.0 309.0

130 124.3 101.8 152.8



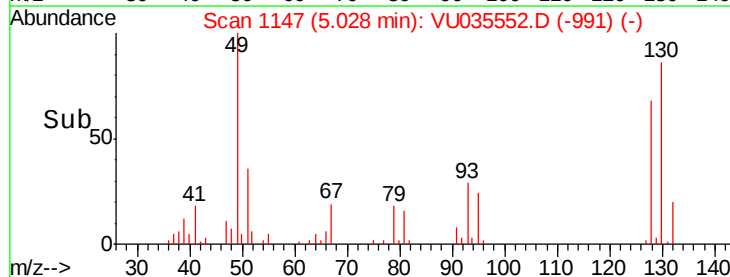
Abundance Ion 128.00 (127.70 to 128.70): VU035539.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU035539.D (-1129) (-)

Ion 130.00 (129.70 to 130.70): VU035539.D (-1129) (-)

5.03

Time-->



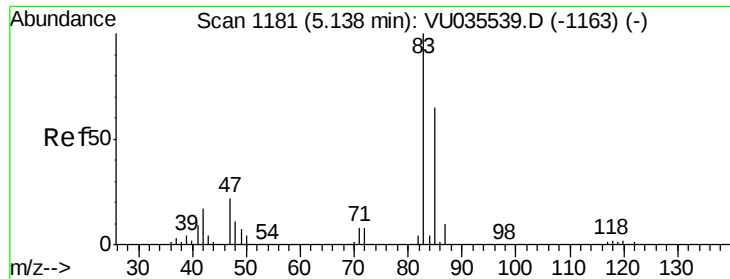
Abundance Ion 128.00 (127.70 to 128.70): VU035552.D (-991) (-)

Ion 49.00 (48.70 to 49.70): VU035552.D (-991) (-)

Ion 130.00 (129.70 to 130.70): VU035552.D (-991) (-)

5.03

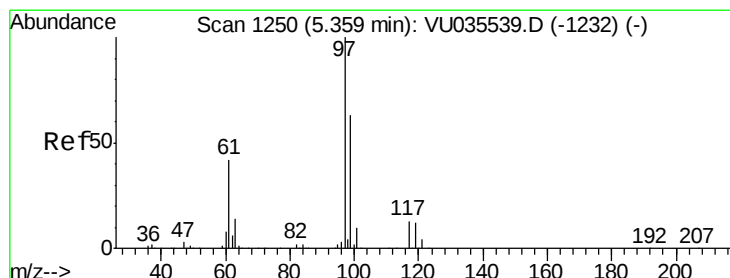
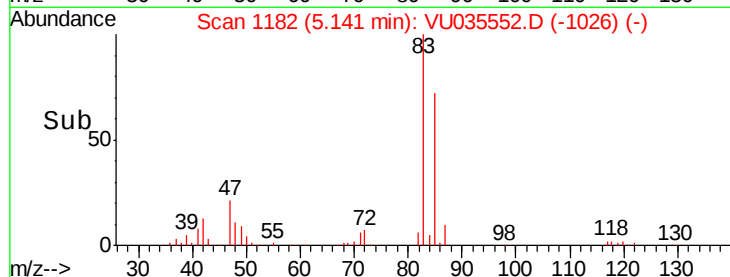
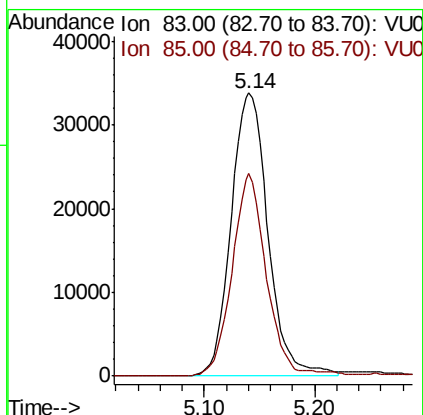
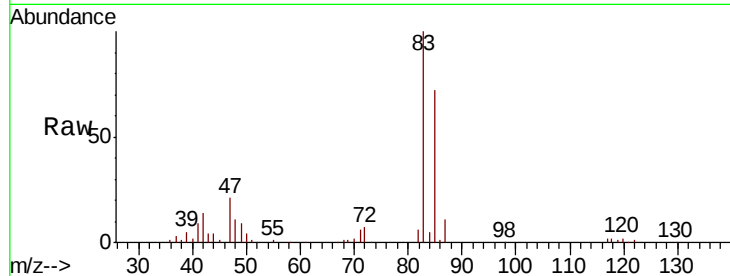
Time-->



#27
Chloroform
Concen: 1.971 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

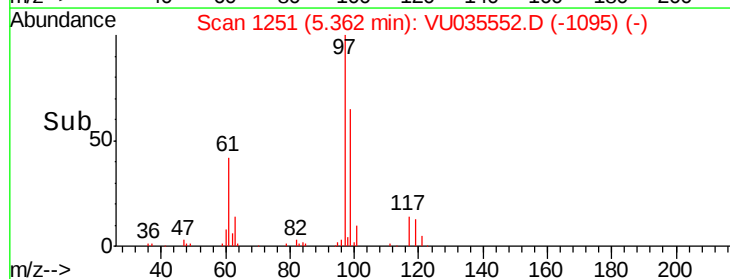
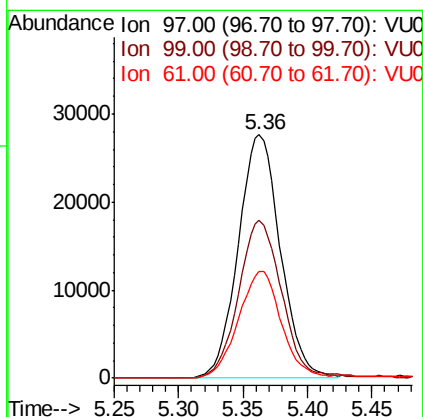
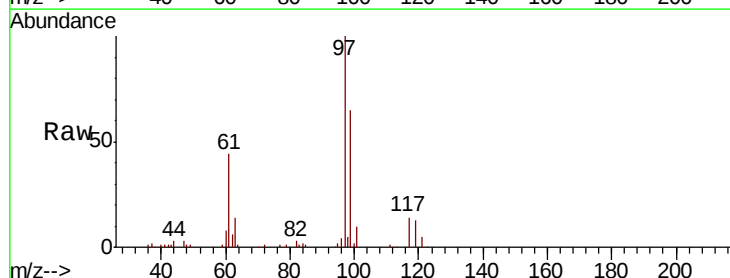
Instrument :
MSVOA_U
ClientSampleId :

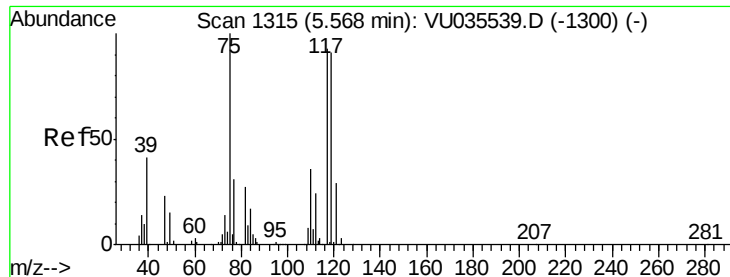
Tot Ion: 83 Resp: 78462
Ion Ratio Lower Upper
83 100
85 71.8 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 1.993 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion: 97 Resp: 62862
Ion Ratio Lower Upper
97 100
99 66.3 32.6 97.7
61 44.6 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.837 ug/l

RT: 5.57 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :

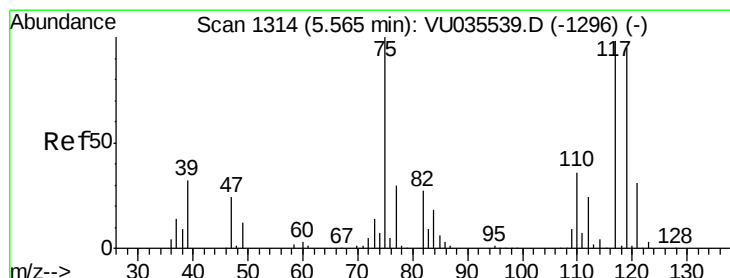
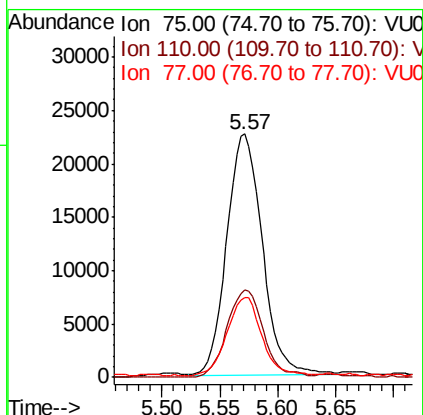
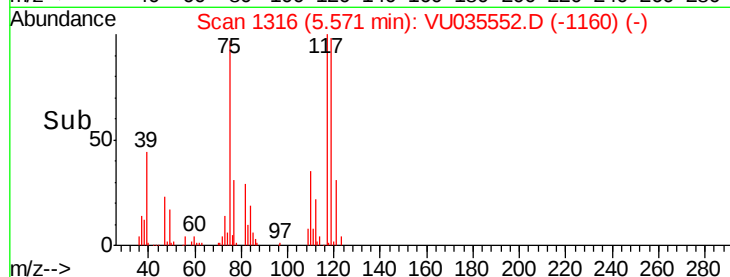
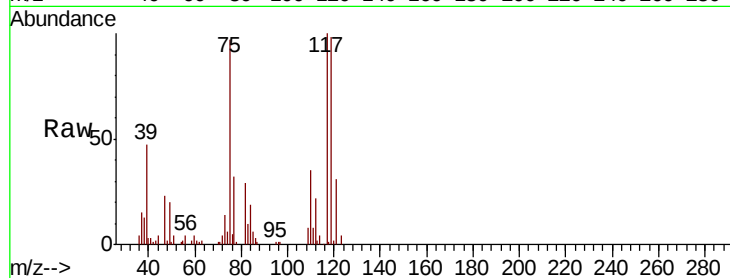
Tot Ion: 75 Resp: 48596

Ion Ratio Lower Upper

75 100

110 36.9 18.3 54.8

77 31.1 24.6 37.0



#30

Carbon Tetrachloride

Concen: 1.989 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

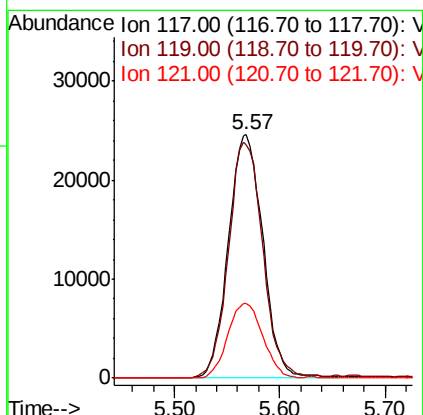
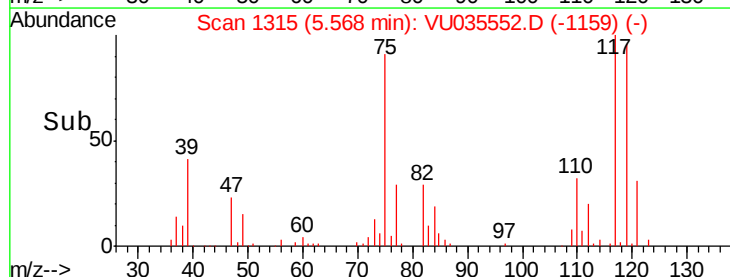
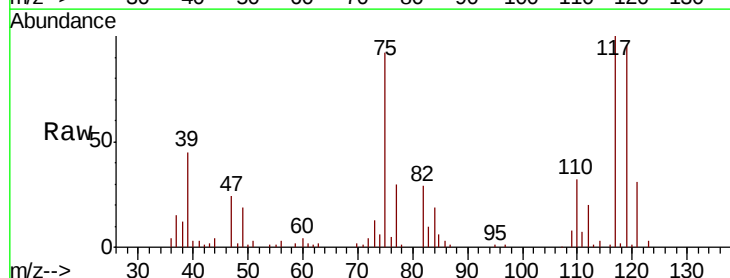
Tgt Ion: 117 Resp: 55799

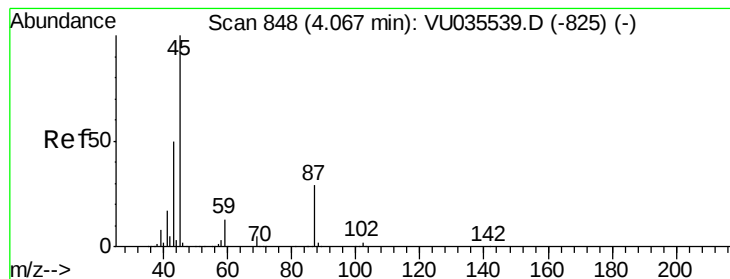
Ion Ratio Lower Upper

117 100

119 95.7 77.3 115.9

121 30.9 25.2 37.8





#31

Isopropyl Ether

Concen: 1.843 ug/l

RT: 4.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

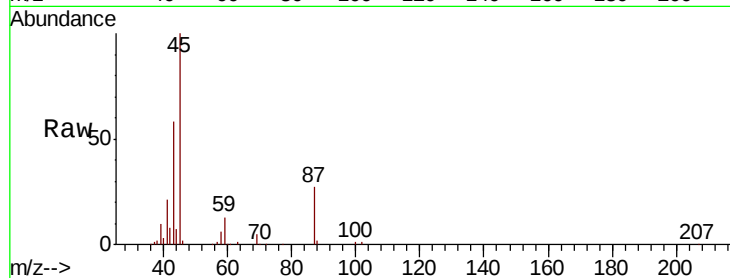
ClientSampleId :

Tot Ion: 45 Resp: 95879

Ion Ratio Lower Upper

45 100

43 55.7 25.3 75.8



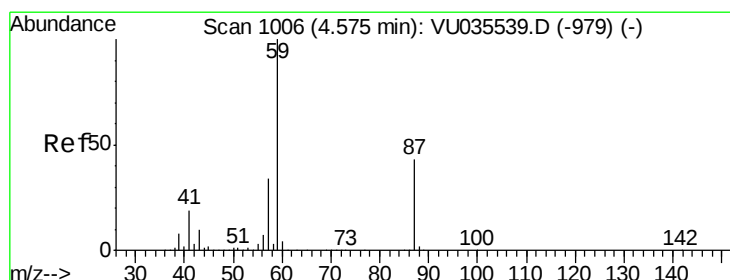
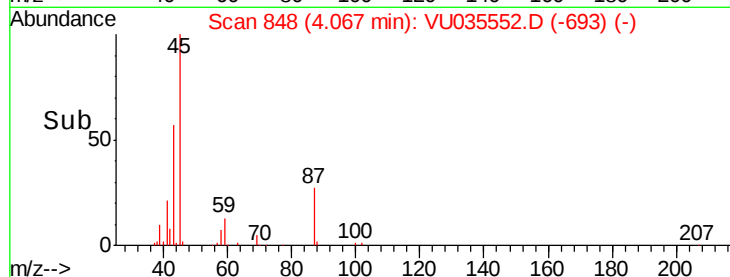
Abundance Ion 45.00 (44.70 to 45.70): VU035539.D (-825) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-825) (-)

4.07

4.00 4.10

Time-->



#32

Ethyl-t-butyl ether

Concen: 1.852 ug/l

RT: 4.57 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VU035552.D

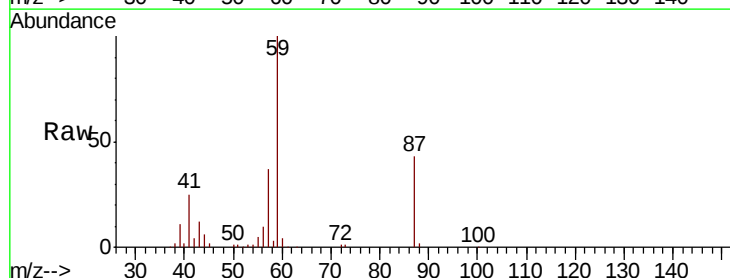
Acq: 30 Oct 2019 11:00

Tgt Ion: 59 Resp: 89206

Ion Ratio Lower Upper

59 100

87 42.6 33.9 50.9



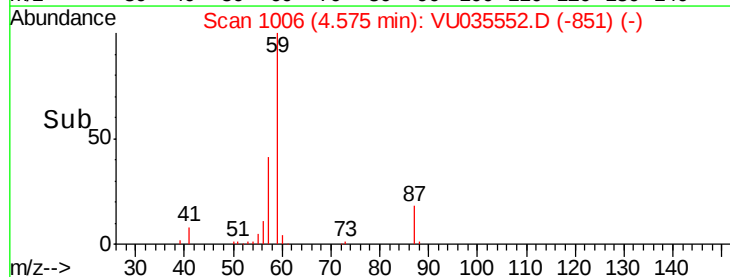
Abundance Ion 59.00 (58.70 to 59.70): VU035539.D (-979) (-)

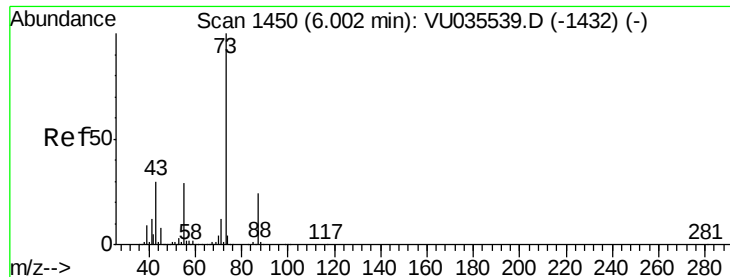
Ion 87.00 (86.70 to 87.70): VU035539.D (-979) (-)

4.57

4.50 4.60 4.70

Time-->

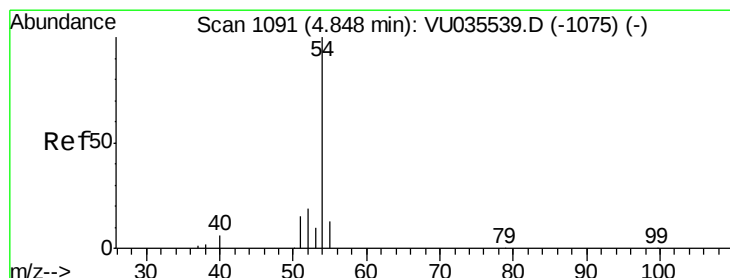
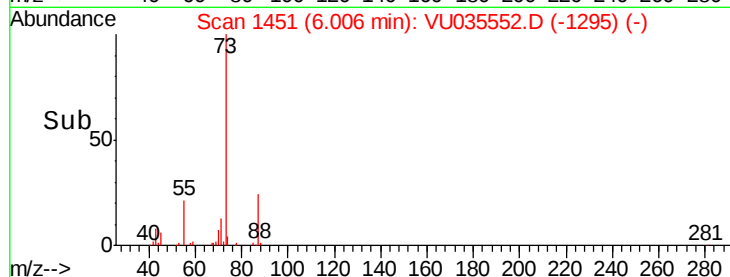
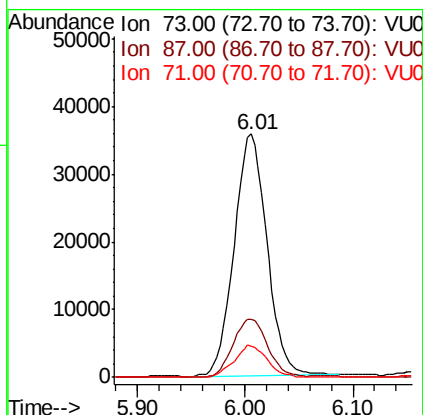
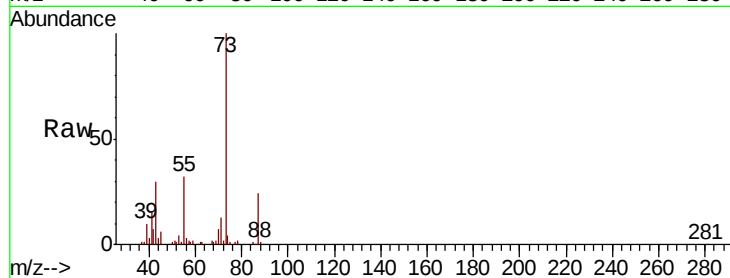




#33
Tert-Butyl methyl ether
Concen: 1.824 ug/l
RT: 6.01 min Scan# 1451
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

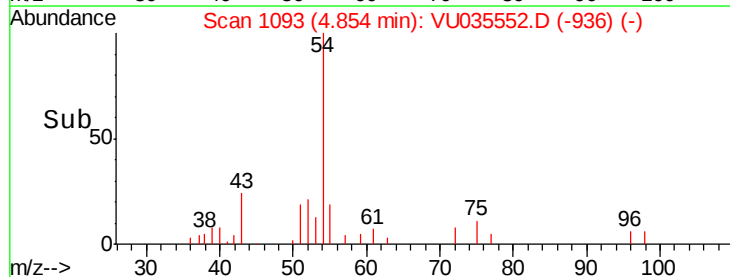
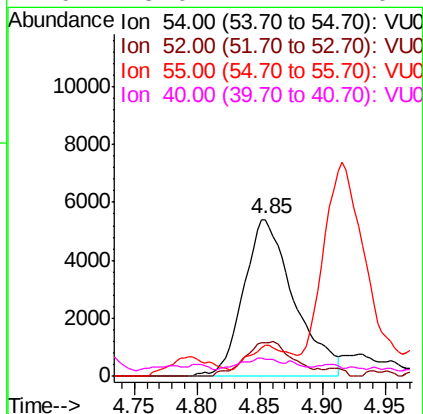
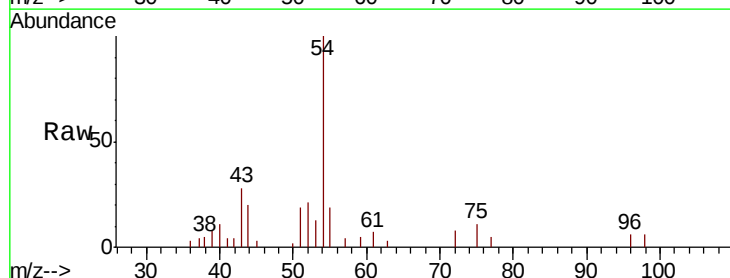
Instrument :
MSVOA_U
ClientSampleId :

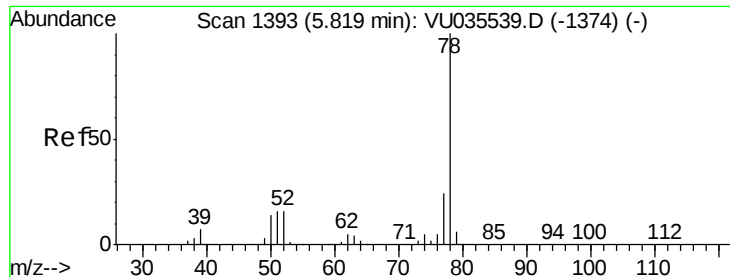
Tot Ion: 73 Resp: 75589
Ion Ratio Lower Upper
73 100
87 24.9 19.5 29.3
71 13.2 9.4 14.2



#34
Propionitrile
Concen: 9.154 ug/l
RT: 4.85 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion: 54 Resp: 15144
Ion Ratio Lower Upper
54 100
52 20.9 14.6 21.8
55 11.7 11.7 17.5
40 5.0 4.2 6.2





#35

Benzene

Concen: 1.965 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

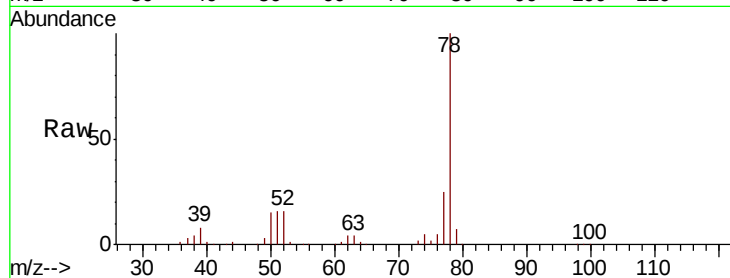
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 158557

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4



Abundance Ion 78.10 (77.80 to 78.80): VU035552.D (-1238) (-)

Ion 77.00 (76.70 to 77.70): VU035552.D (-1238) (-)

5.82

80000

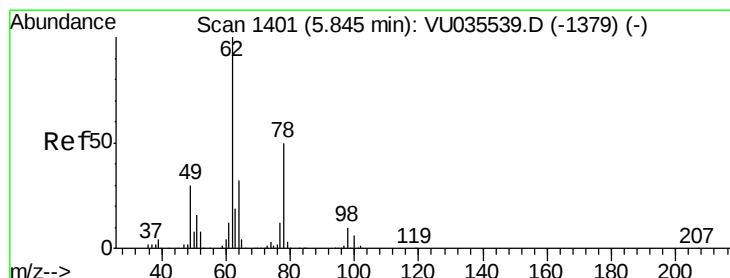
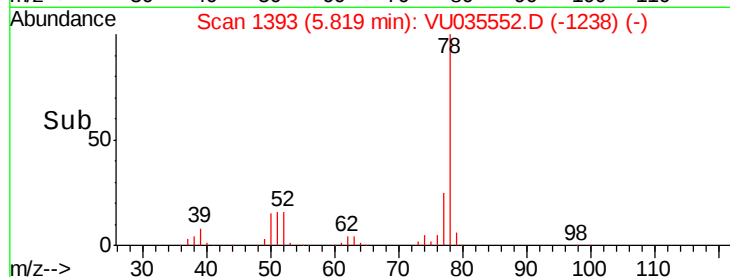
60000

40000

20000

0

Time-->



#36

1,2-Dichloroethane

Concen: 1.974 ug/l

RT: 5.84 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VU035552.D

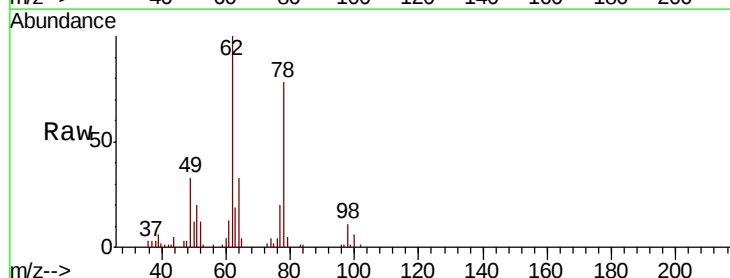
Acq: 30 Oct 2019 11:00

Tgt Ion: 62 Resp: 45656

Ion Ratio Lower Upper

62 100

98 9.6 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VU035552.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VU035552.D (-1246) (-)

5.84

20000

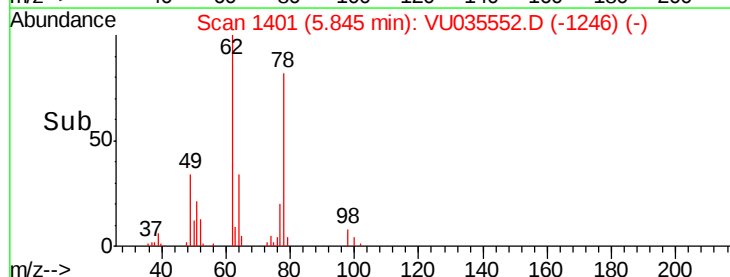
15000

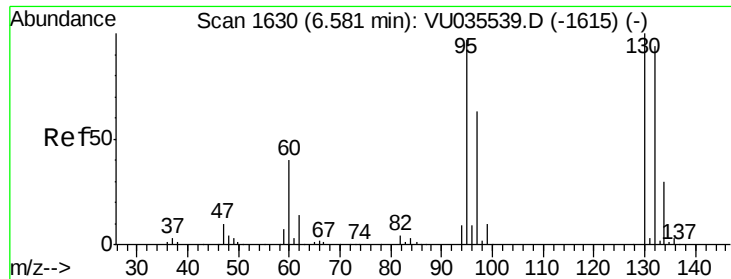
10000

5000

0

Time-->

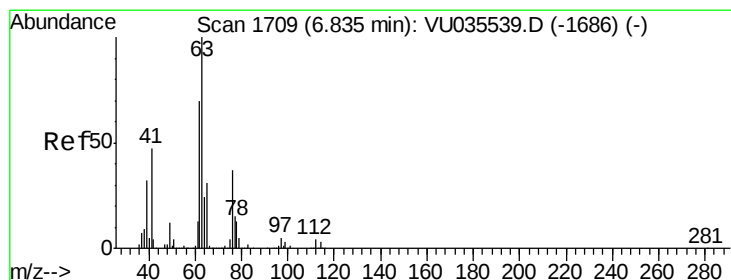
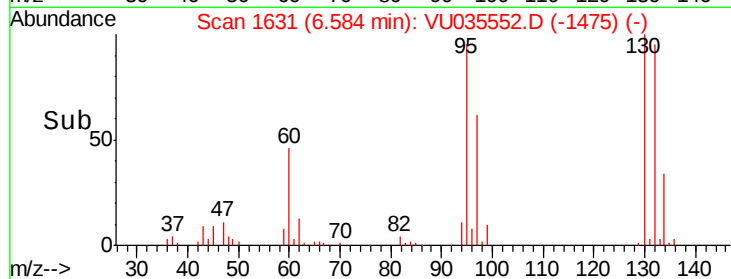
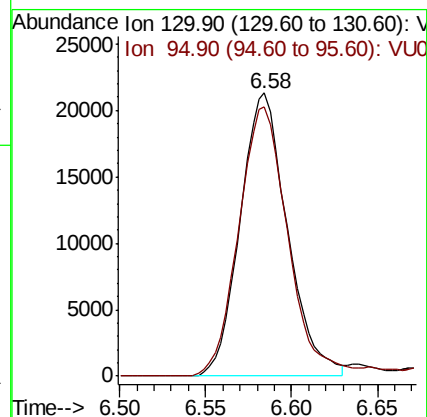
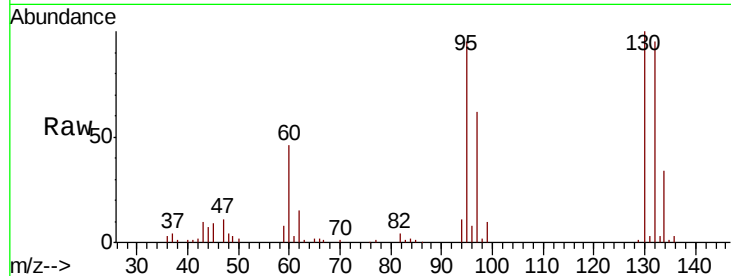




#37
 Trichloroethene
 Concen: 1.810 ug/l
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

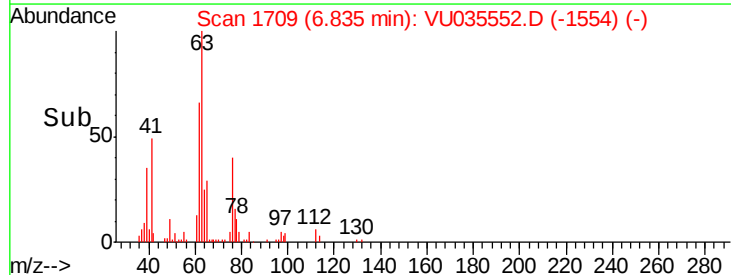
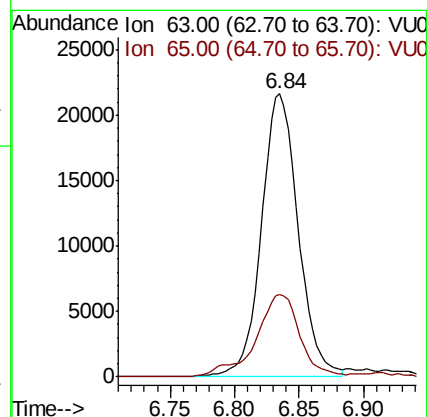
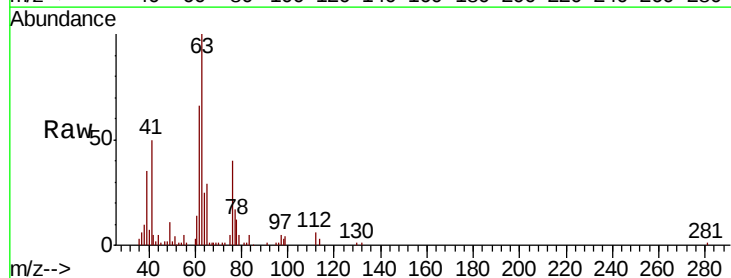
Instrument :
 MSVOA_U
 ClientSampleId :

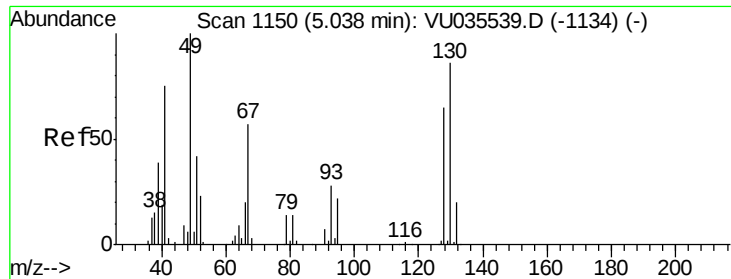
Tot Ion:130 Resp: 40577
 Ion Ratio Lower Upper
 130 100
 95 95.2 77.5 116.3



#38
 1,2-Dichloropropane
 Concen: 1.948 ug/l
 RT: 6.84 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

Tgt Ion: 63 Resp: 43115
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.0 37.6

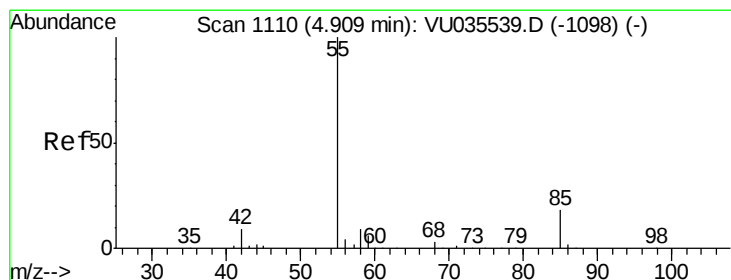
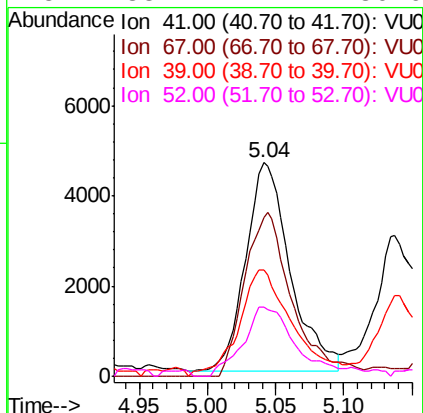
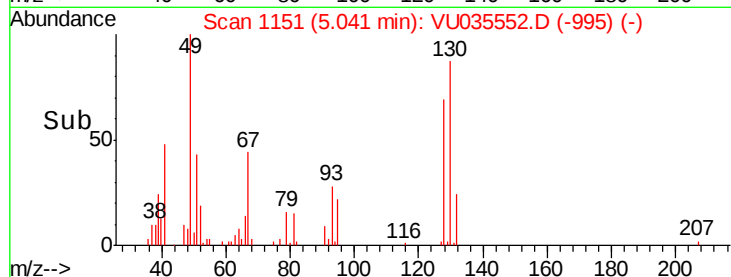
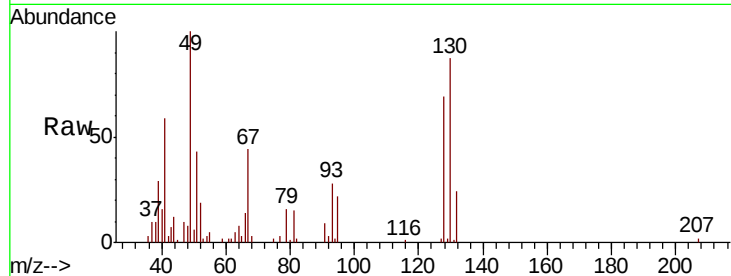




#39
Methacrylonitrile
Concen: 1.699 ug/l
RT: 5.04 min Scan# 1151
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

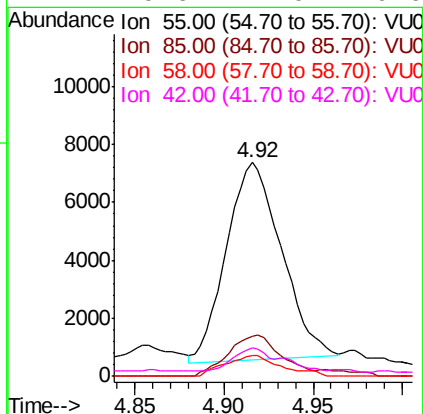
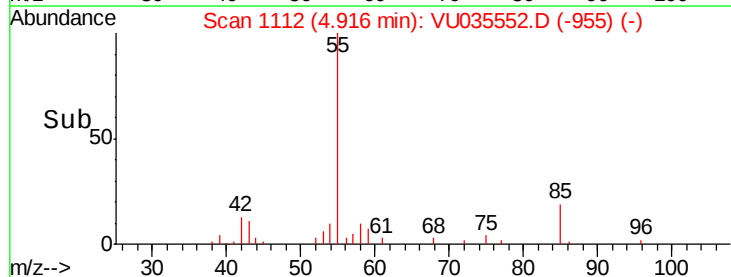
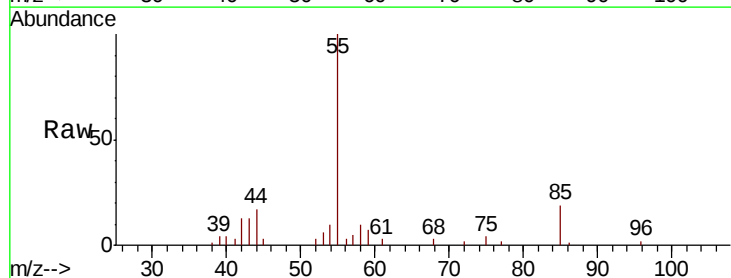
Instrument :
MSVOA_U
ClientSampleId :

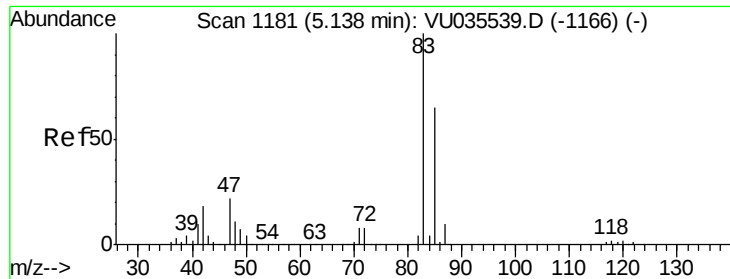
Tot Ion	Ratio	Lower	Upper
41	100		
67	83.4	61.5	92.3
39	60.5	41.3	61.9
52	38.2	24.4	36.6



#40
Methyl acrylate
Concen: 1.556 ug/l
RT: 4.92 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion	Ratio	Lower	Upper
55	100		
85	21.9	13.5	20.3
58	10.4	6.6	10.0
42	9.6	7.0	10.6

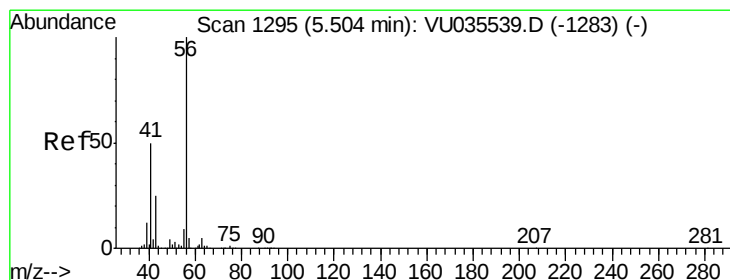
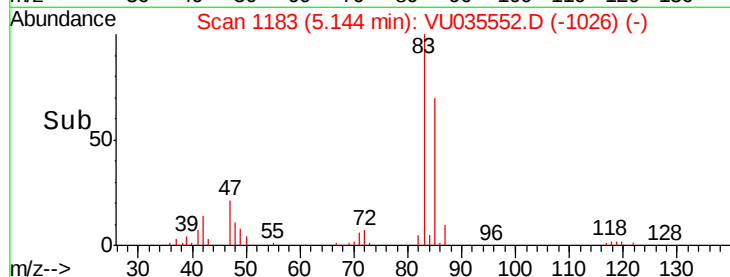
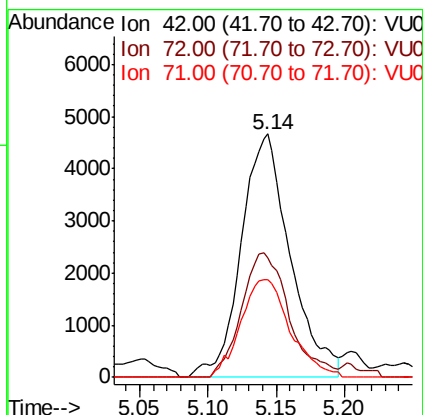
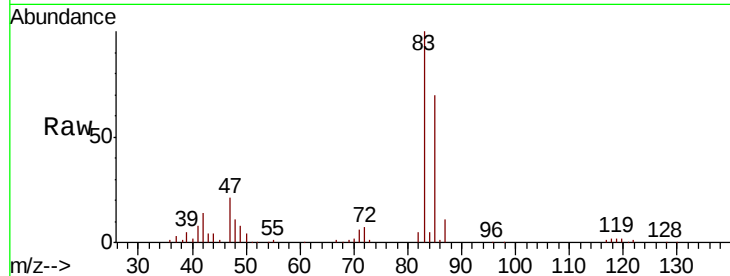




#41
Tetrahydrofuran
Concen: 3.654 ug/l
RT: 5.14 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

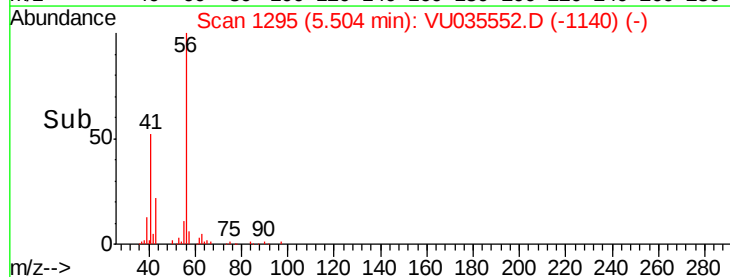
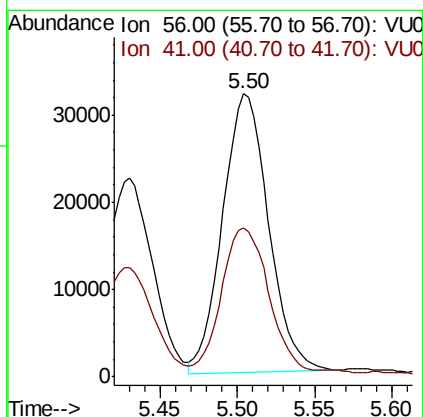
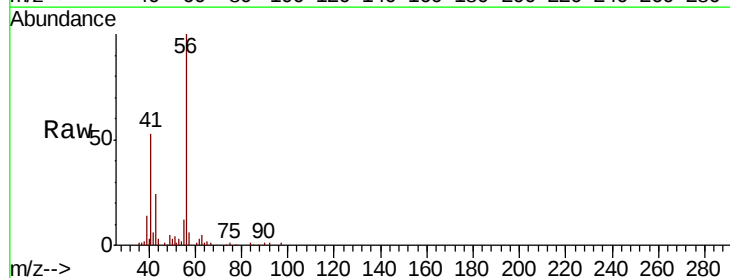
Instrument :
MSVOA_U
ClientSampled :

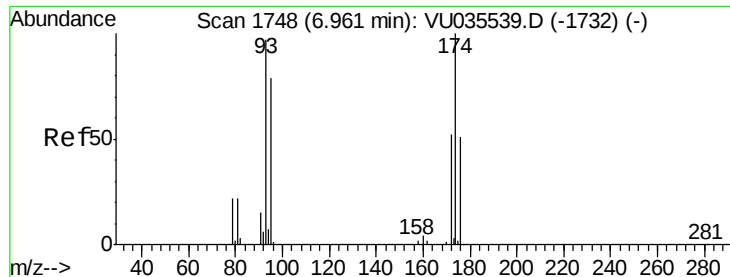
Tot Ion: 42 Resp: 11670
Ion Ratio Lower Upper
42 100
72 49.7 89.9 134.9#
71 40.2 3.7 5.5#



#42
1-Chlorobutane
Concen: 1.810 ug/l
RT: 5.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion: 56 Resp: 65867
Ion Ratio Lower Upper
56 100
41 51.9 25.5 76.5





#43

Dibromomethane

Concen: 2.000 ug/l

RT: 6.96 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

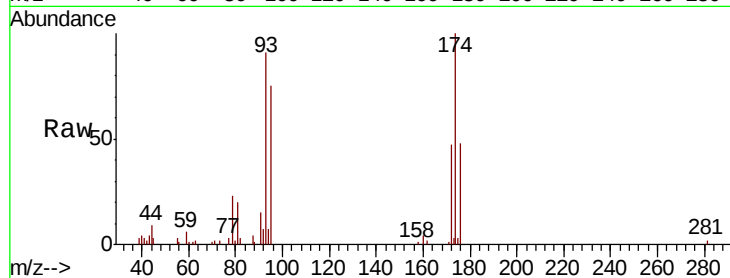
Tot Ion: 93 Resp: 22110

Ion Ratio Lower Upper

93 100

95 78.7 65.1 97.7

174 103.4 84.2 126.4

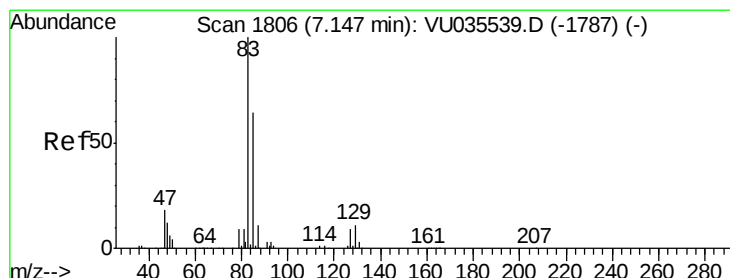
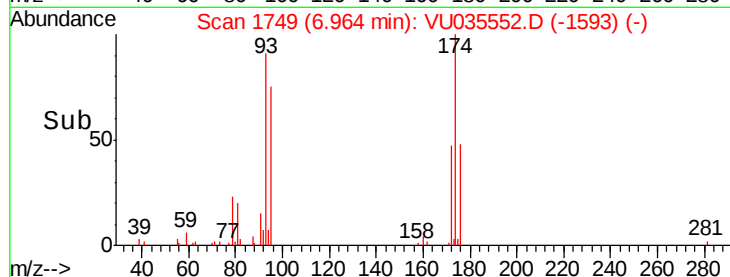
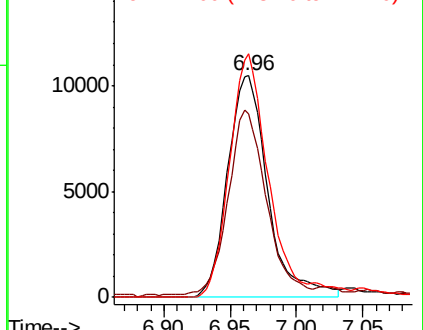


Abundance

Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 2.045 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

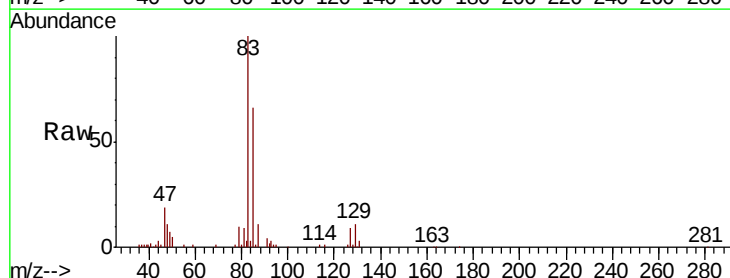
Tgt Ion: 83 Resp: 56331

Ion Ratio Lower Upper

83 100

85 66.3 51.6 77.4

127 8.6 7.0 10.4

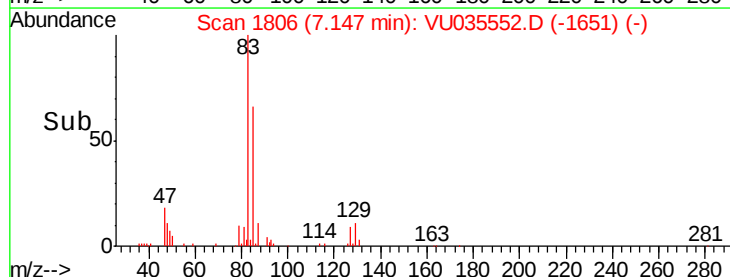
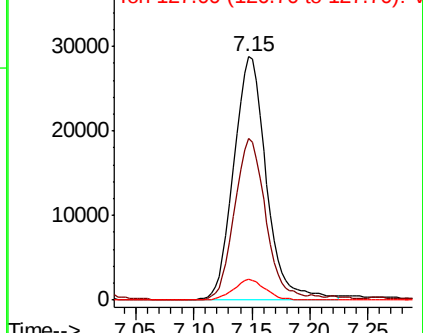


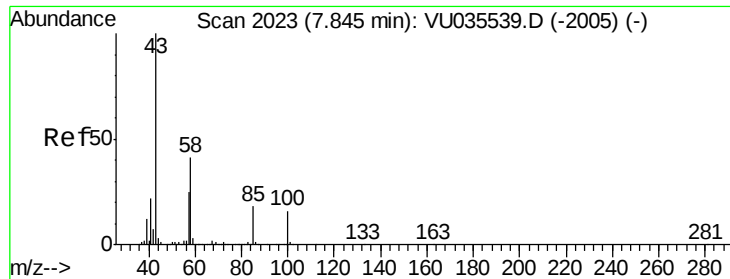
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

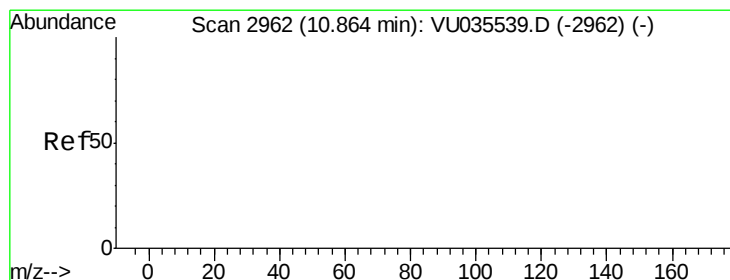
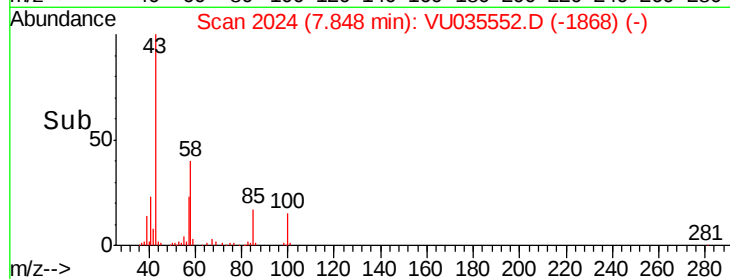
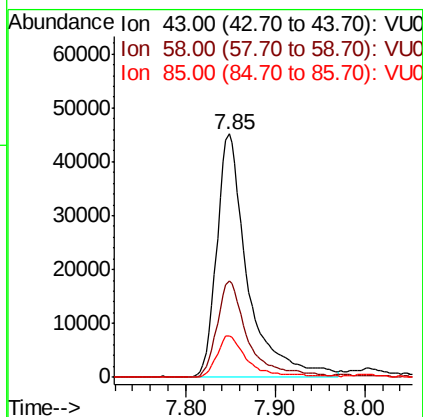
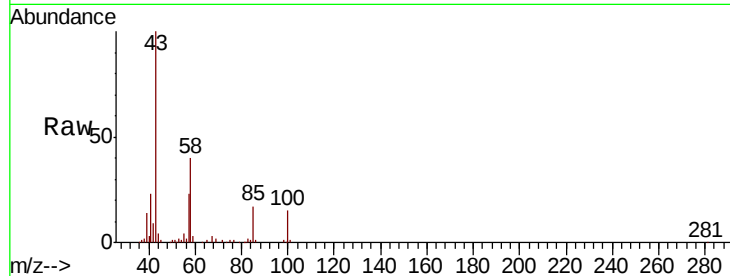




#45
4-Methyl-2-Pentanone
Concen: 9.130 ug/l
RT: 7.85 min Scan# 2024
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

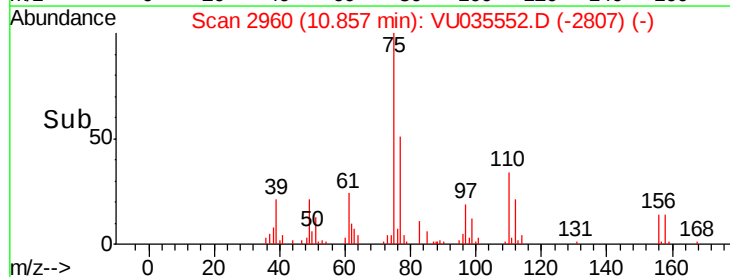
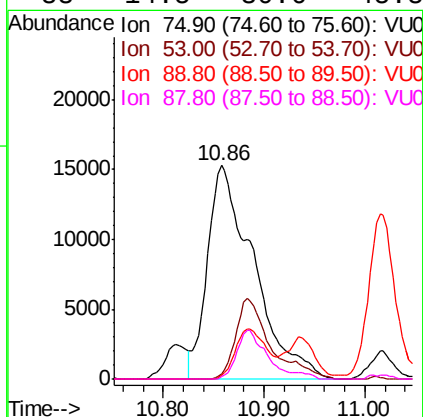
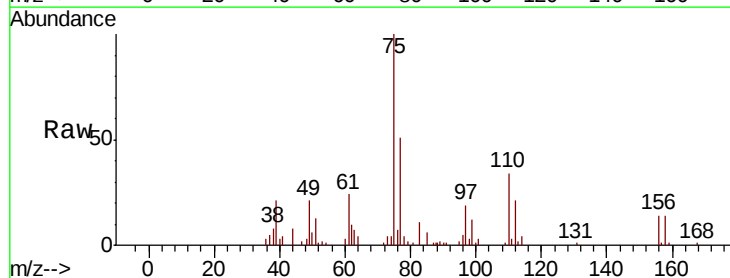
Instrument :
MSVOA_U
ClientSampled :

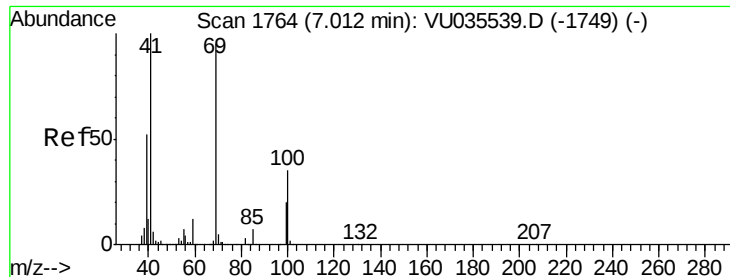
Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	20.6	61.8
85	16.4	14.5	21.7



#46
t-1,4-Dichloro-2-butene
Concen: 11.312 ug/l
RT: 10.86 min Scan# 2960
Delta R.T. -0.01 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
53	25.2	54.1	81.1#
89	15.9	38.2	57.4#
88	14.5	30.6	45.8#

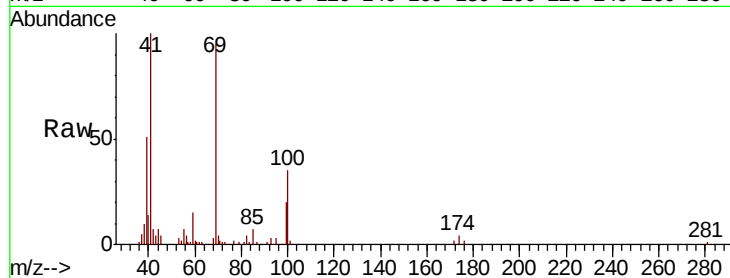




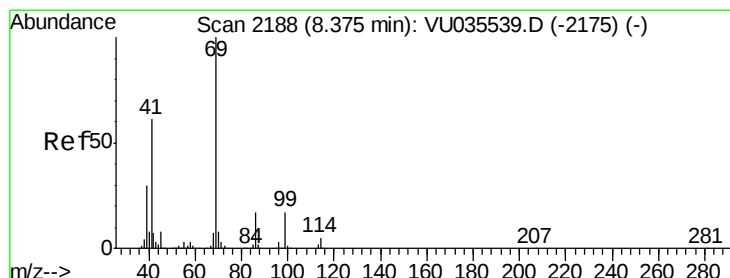
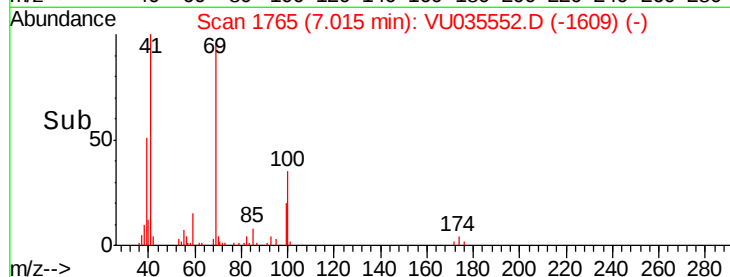
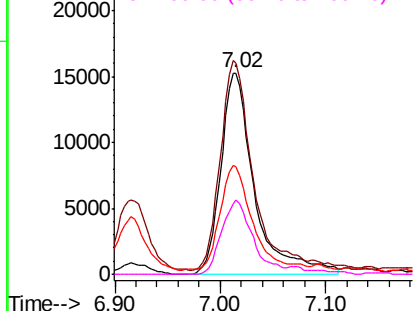
#47
Methyl methacrylate
Concen: 3.682 ug/l
RT: 7.02 min Scan# 1765
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 33712
Ion Ratio Lower Upper
69 100
41 103.7 0.0 216.8
39 52.9 45.1 67.7
100 34.1 29.8 44.6

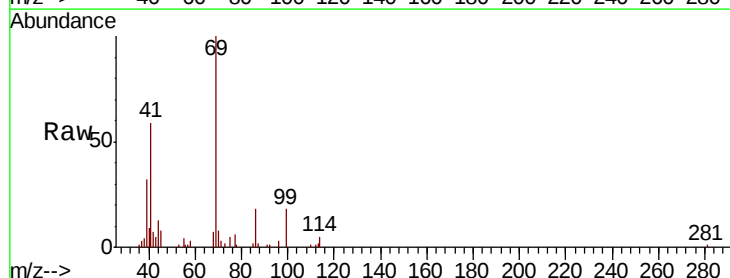


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

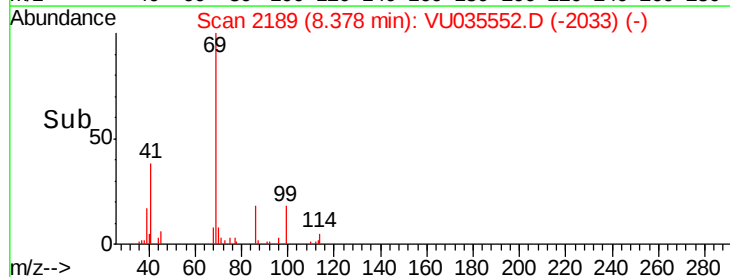
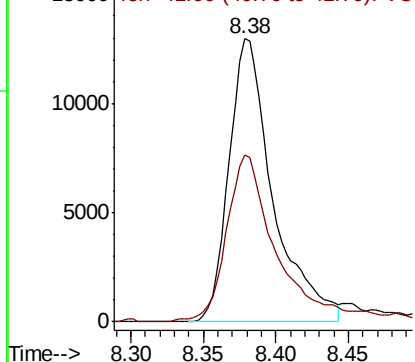


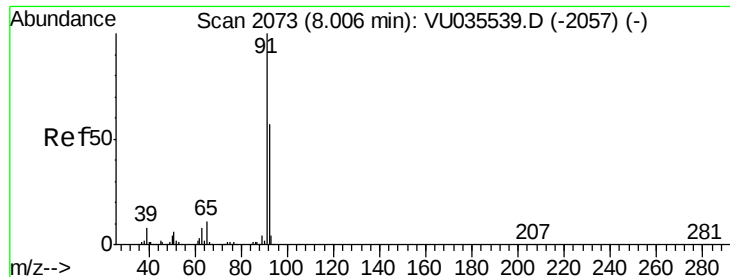
#48
Ethyl methacrylate
Concen: 1.712 ug/l
RT: 8.38 min Scan# 2189
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion: 69 Resp: 27395
Ion Ratio Lower Upper
69 100
41 67.4 30.4 91.2



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





#49

Toluene

Concen: 1.897 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

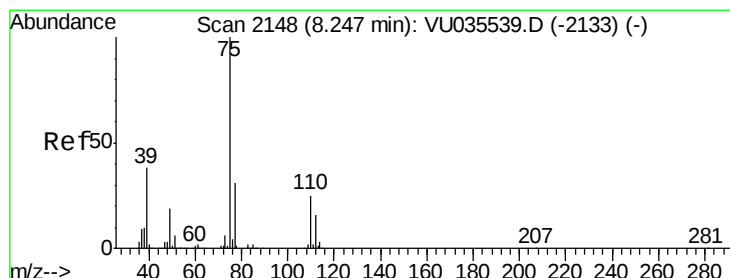
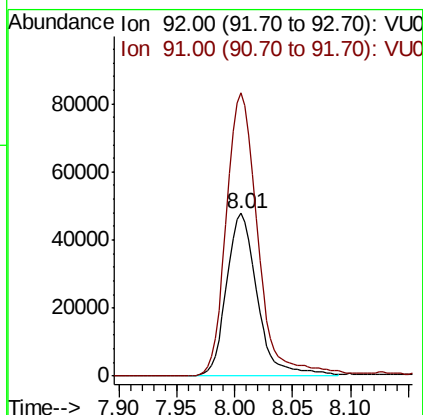
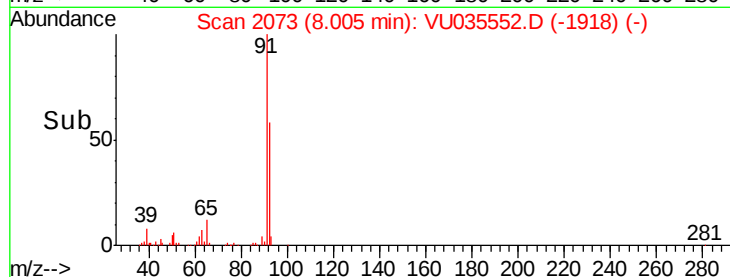
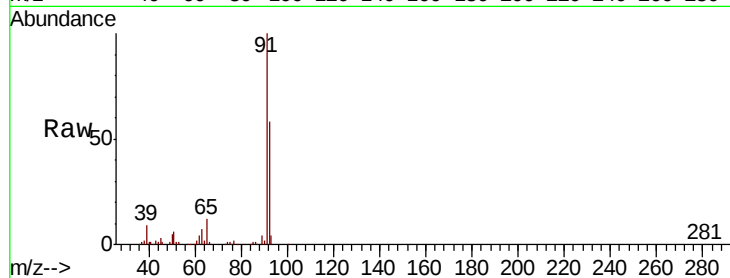
ClientSampleId :

Tot Ion: 92 Resp: 88077

Ion Ratio Lower Upper

92 100

91 178.7 141.4 212.0



#50

t-1,3-Dichloropropene

Concen: 1.848 ug/l

RT: 8.25 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU035552.D

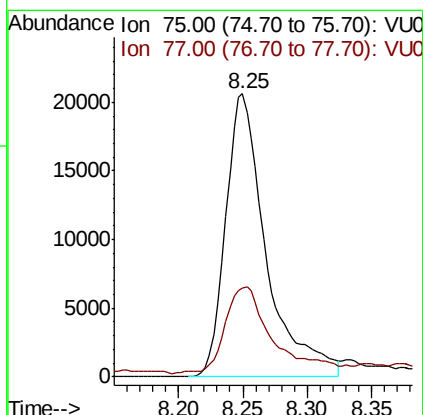
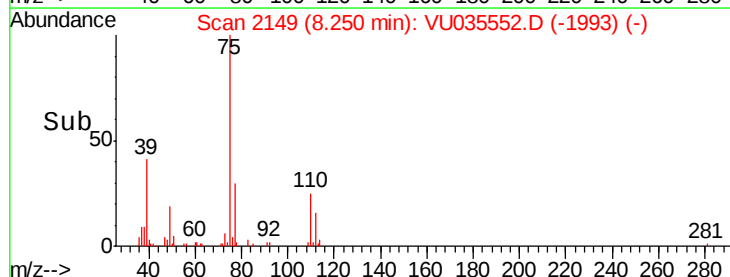
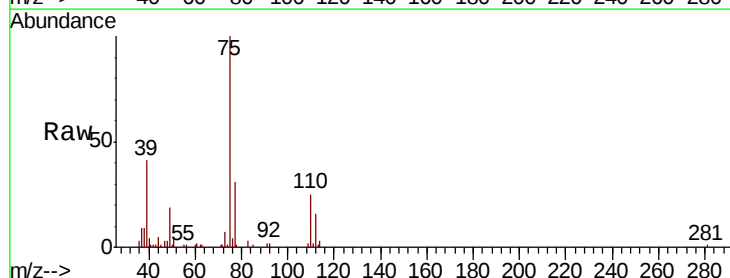
Acq: 30 Oct 2019 11:00

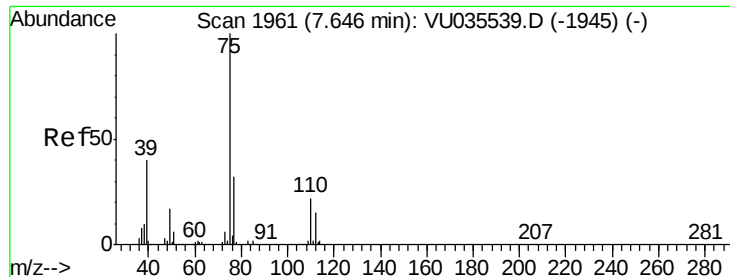
Tgt Ion: 75 Resp: 45076

Ion Ratio Lower Upper

75 100

77 29.4 25.2 37.8



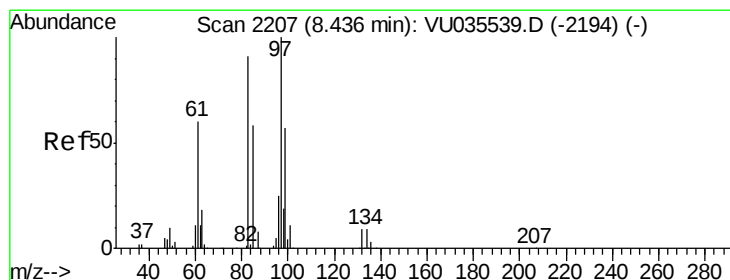
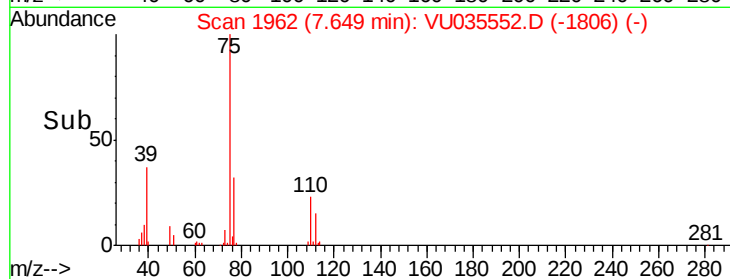
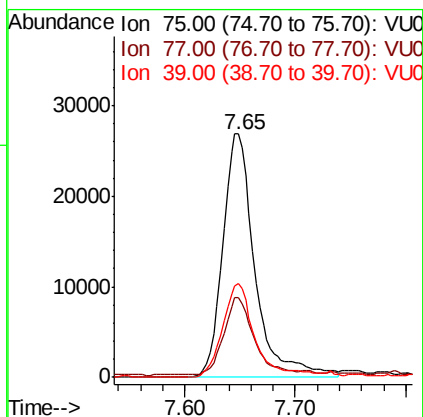
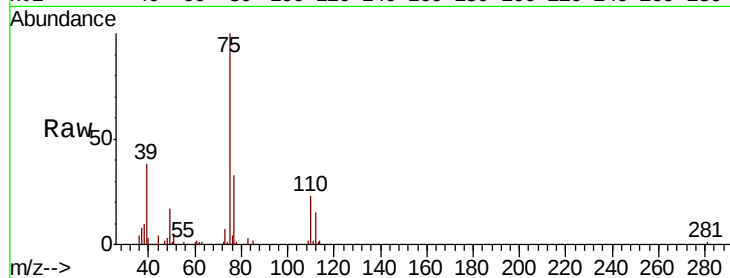


#51

cis-1,3-Dichloropropene
 Concen: 1.878 ug/l
 RT: 7.65 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :

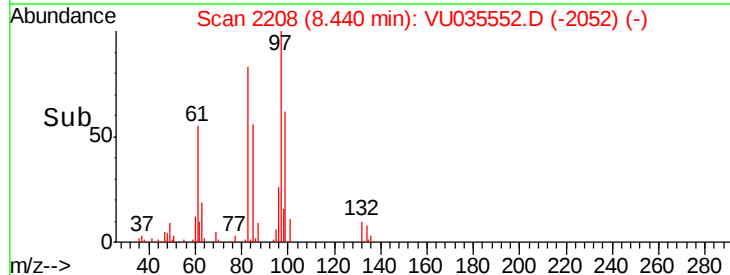
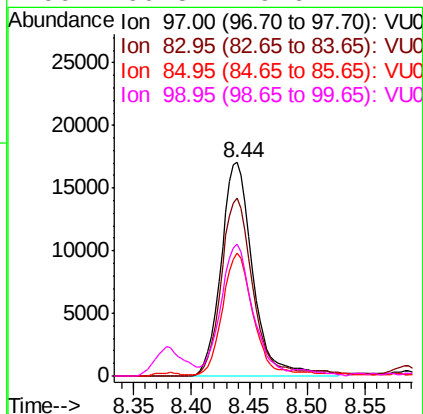
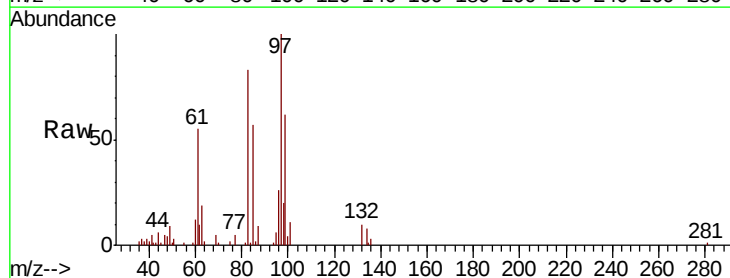
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8
39	38.4	32.1	48.1

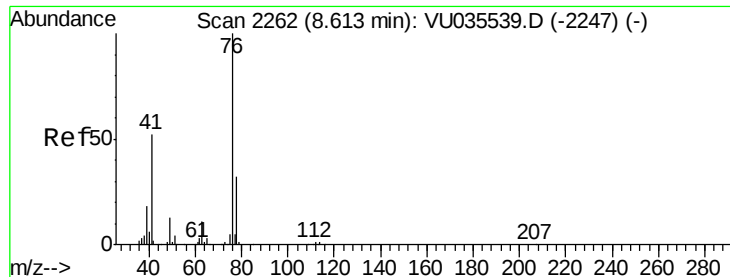


#52

1,1,2-Trichloroethane
 Concen: 2.108 ug/l
 RT: 8.44 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	72.6	108.8
85	56.8	46.4	69.6
99	60.8	49.6	74.4

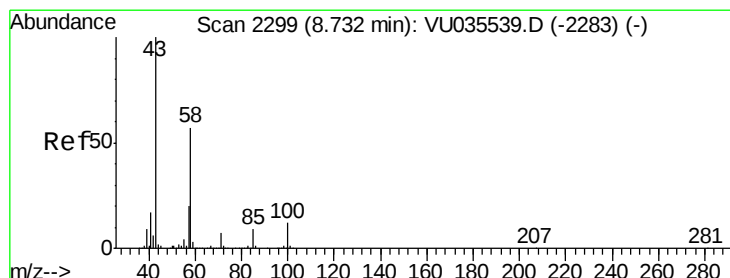
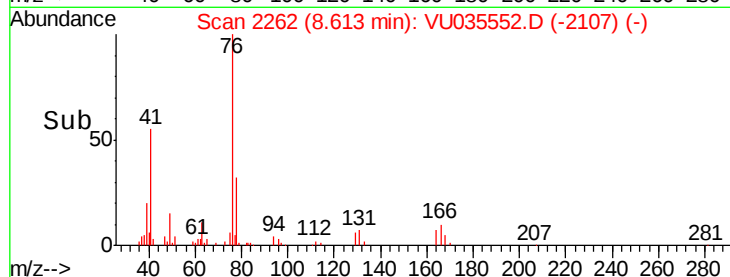
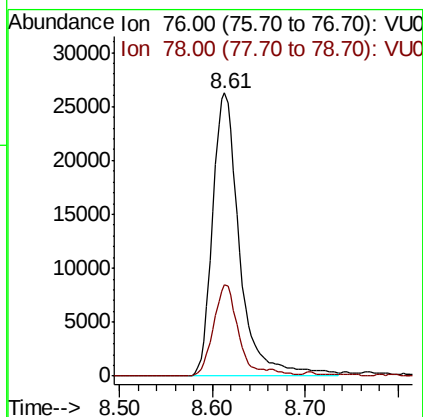
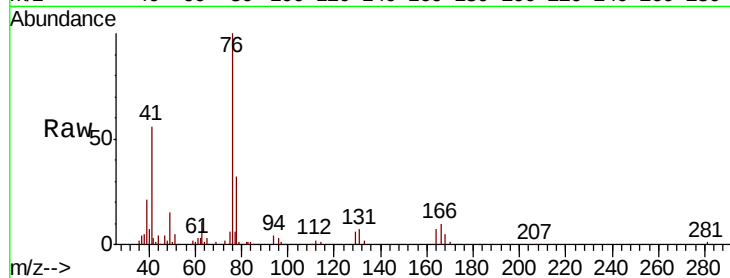




#53
 1,3-Dichloropropane
 Concen: 2.037 ug/l
 RT: 8.61 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

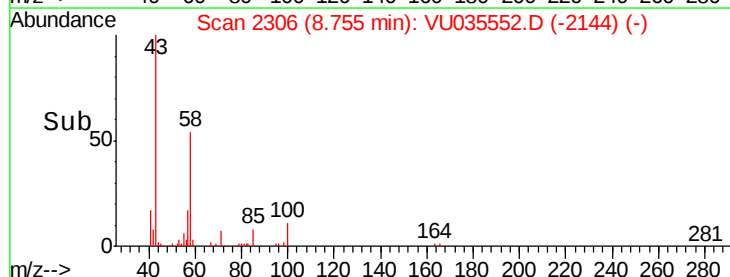
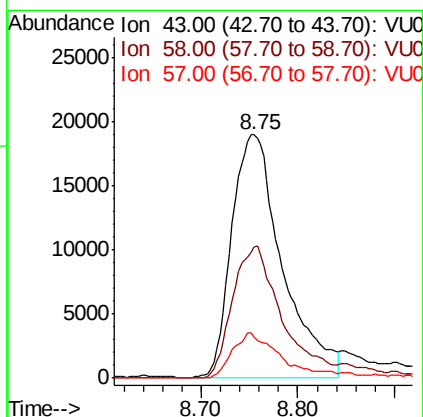
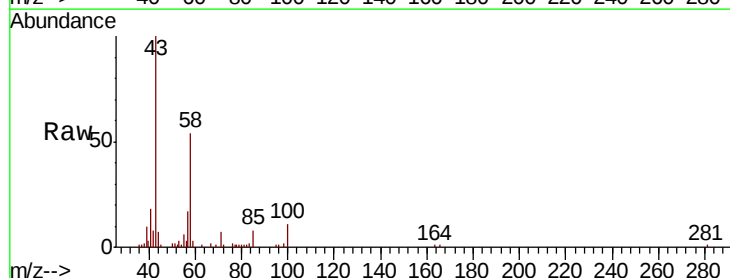
Instrument :
 MSVOA_U
 ClientSampled :

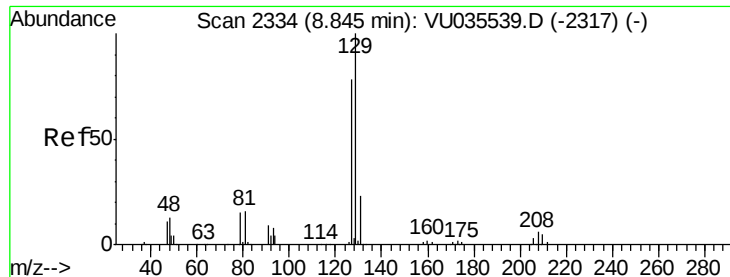
Tot Ion: 76 Resp: 53487
 Ion Ratio Lower Upper
 76 100
 78 30.5 25.6 38.4



#54
 2-Hexanone
 Concen: 8.234 ug/l
 RT: 8.75 min Scan# 2306
 Delta R.T. 0.02 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

Tgt Ion: 43 Resp: 68989
 Ion Ratio Lower Upper
 43 100
 58 52.7 37.2 77.2
 57 17.7 0.0 39.1





#55

Dibromochloromethane

Concen: 2.044 ug/l

RT: 8.85 min Scan# 2335

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

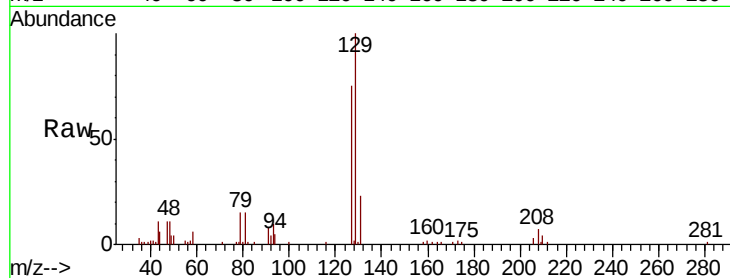
ClientSampleId :

Tot Ion:129 Resp: 38664

Ion Ratio Lower Upper

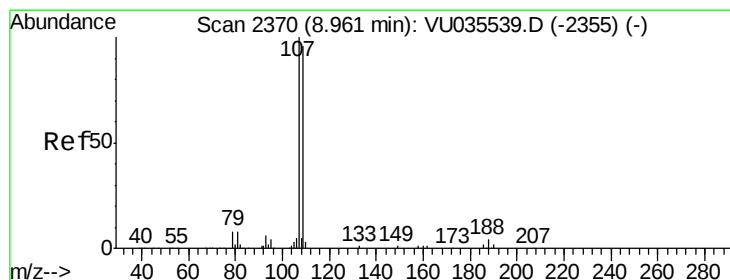
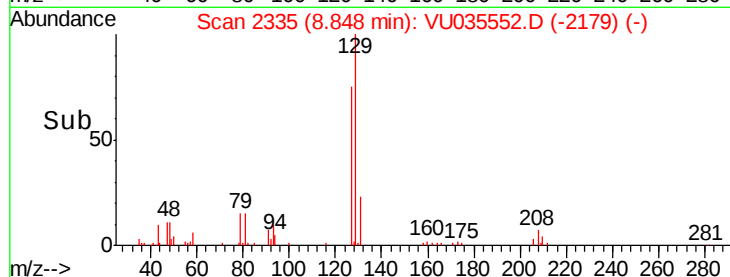
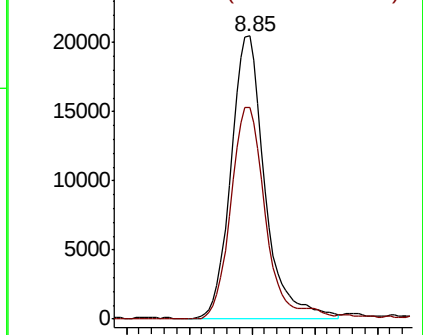
129 100

127 74.2 62.3 93.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.893 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035552.D

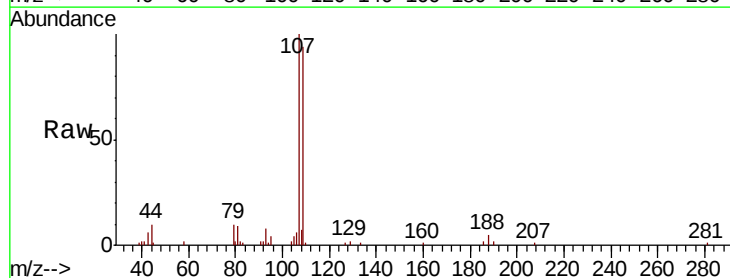
Acq: 30 Oct 2019 11:00

Tgt Ion:107 Resp: 26837

Ion Ratio Lower Upper

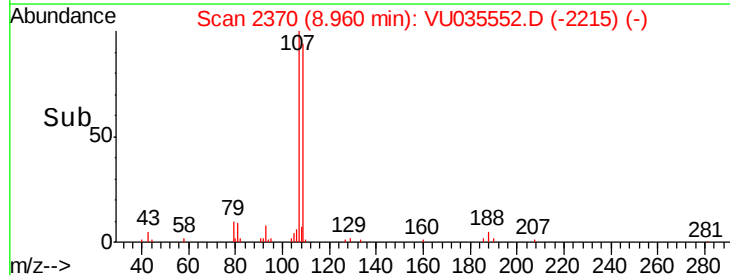
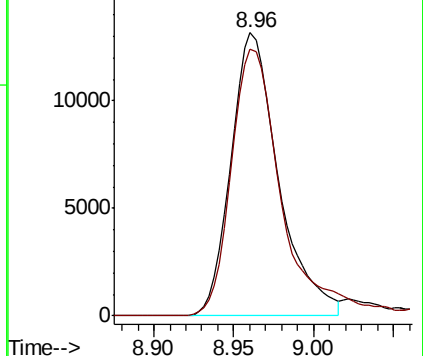
107 100

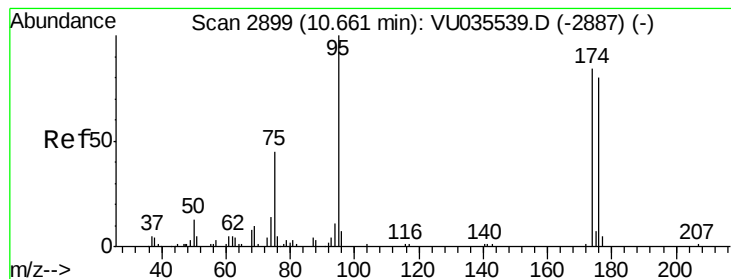
109 100.3 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 1.021 ug/l

RT: 10.66 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

ClientSampled :

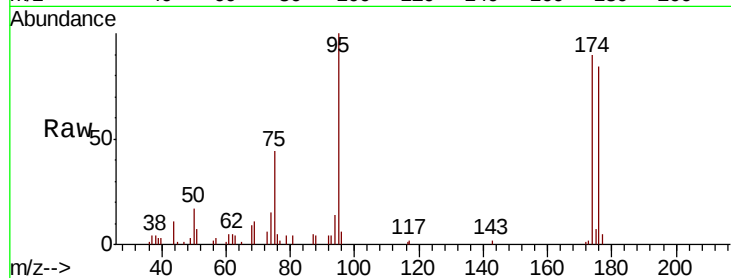
Tot Ion: 95 Resp: 24180

Ion Ratio Lower Upper

95 100

174 89.9 70.2 105.4

176 85.2 67.7 101.5

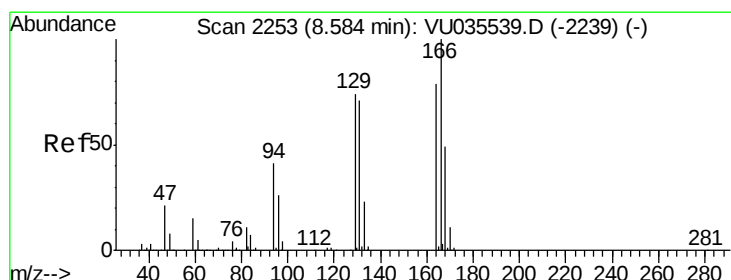
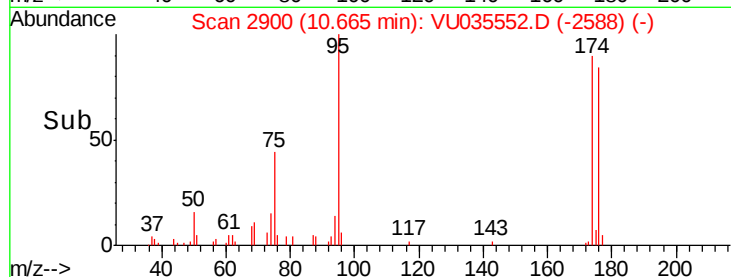
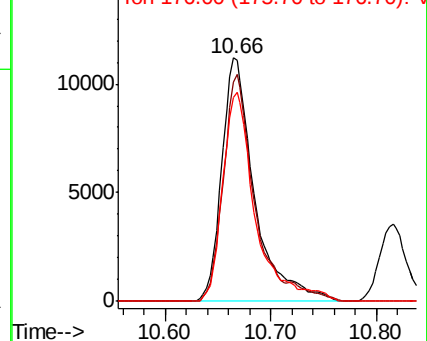


Abundance

Ion 95.00 (94.70 to 95.70): VU035539.D (-2887) (-)

Ion 174.00 (173.70 to 174.70): VU035539.D (-2887) (-)

Ion 176.00 (175.70 to 176.70): VU035539.D (-2887) (-)



#58

Tetrachloroethene

Concen: 2.052 ug/l

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Tgt Ion: 164 Resp: 42176

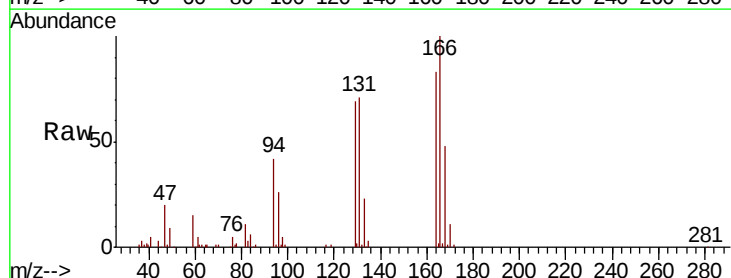
Ion Ratio Lower Upper

164 100

166 120.3 100.6 151.0

129 83.1 74.1 111.1

131 85.7 71.1 106.7



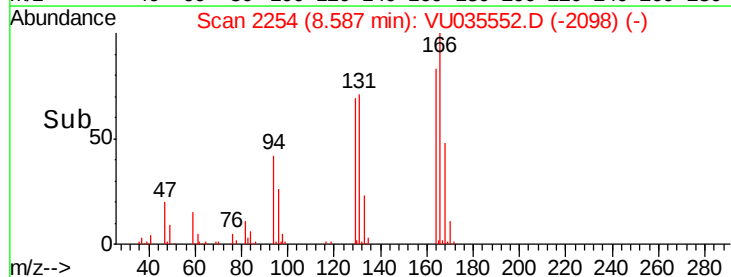
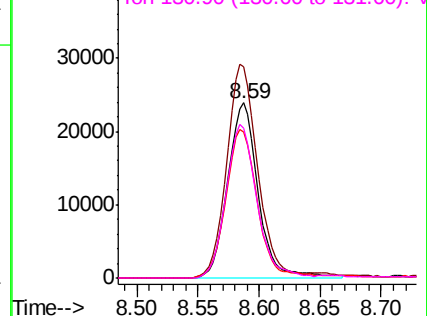
Abundance

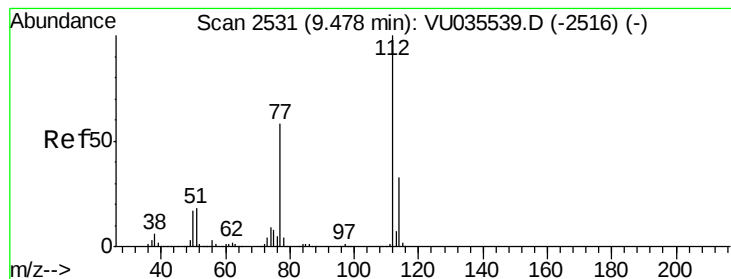
Ion 163.85 (163.55 to 164.55): VU035539.D (-2239) (-)

Ion 165.80 (165.50 to 166.50): VU035539.D (-2239) (-)

Ion 128.90 (128.60 to 129.60): VU035539.D (-2239) (-)

Ion 130.90 (130.60 to 131.60): VU035539.D (-2239) (-)





#59

Chlorobenzene

Concen: 1.860 ug/l

RT: 9.48 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

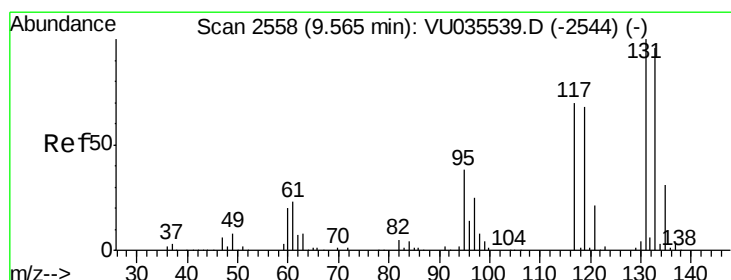
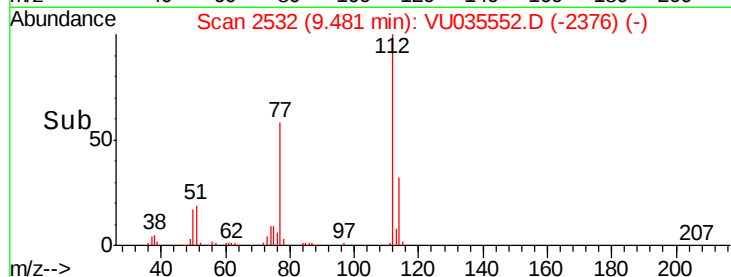
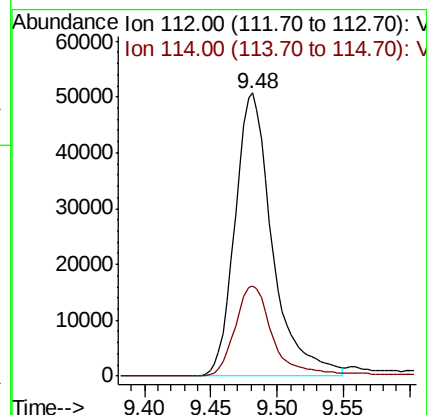
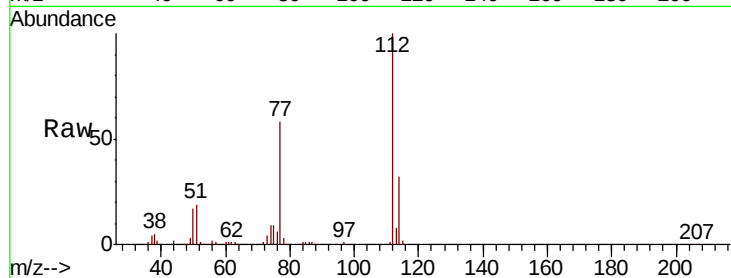
ClientSampleId :

Tot Ion:112 Resp: 99542

Ion Ratio Lower Upper

112 100

114 31.9 26.5 39.7



#60

1,1,1,2-Tetrachloroethane

Concen: 2.045 ug/l

RT: 9.57 min Scan# 2559

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

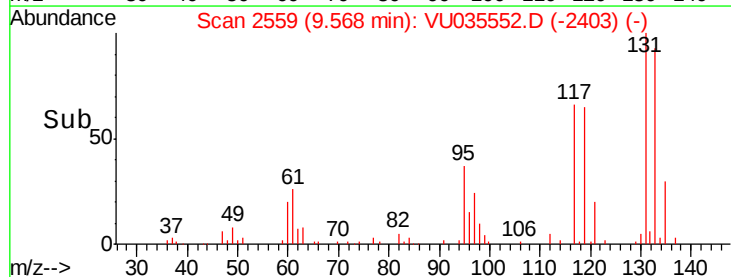
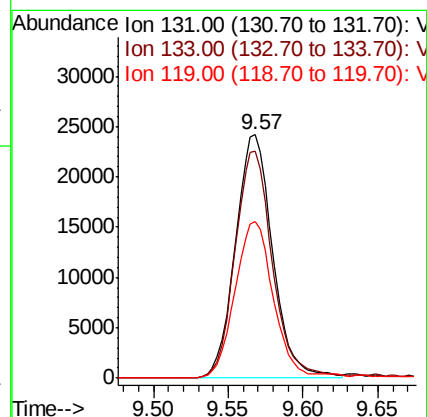
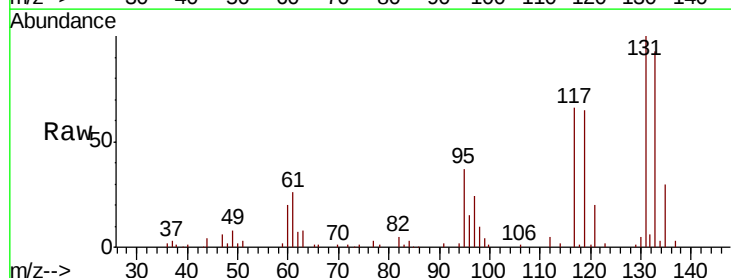
Tgt Ion:131 Resp: 42080

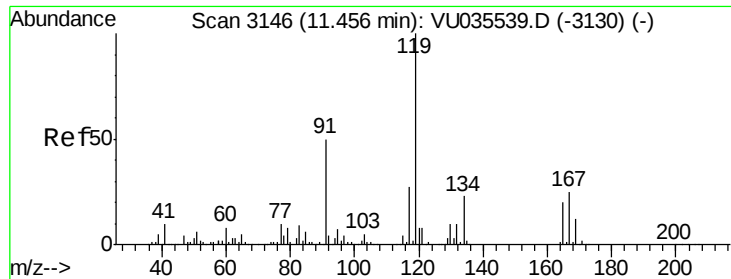
Ion Ratio Lower Upper

131 100

133 93.2 76.9 115.3

119 65.5 53.6 80.4

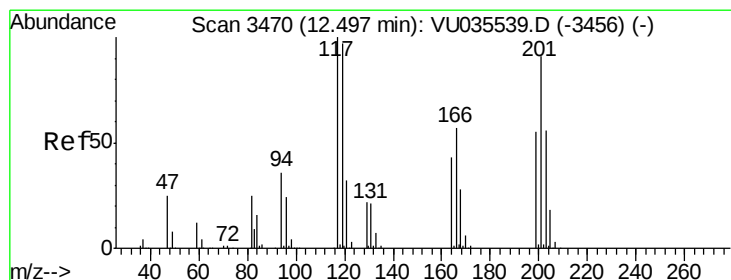
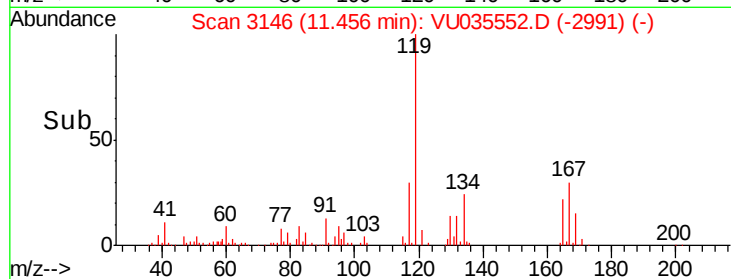
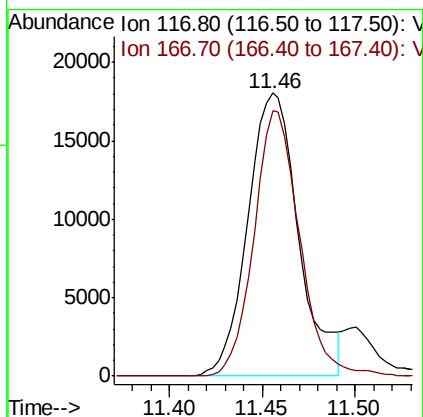
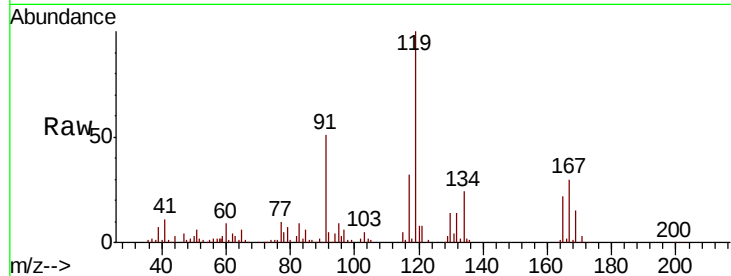




#61
 Pentachloroethane
 Concen: 2.056 ug/l
 RT: 11.46 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

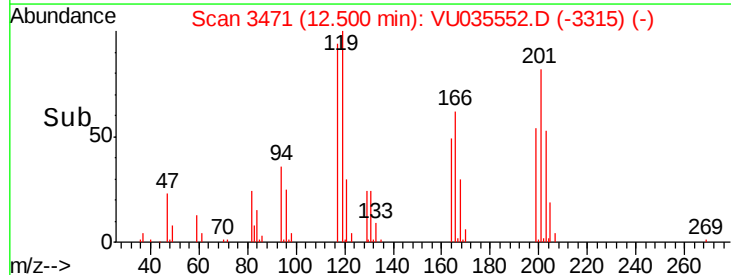
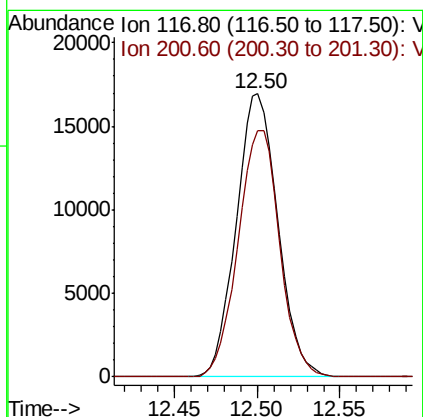
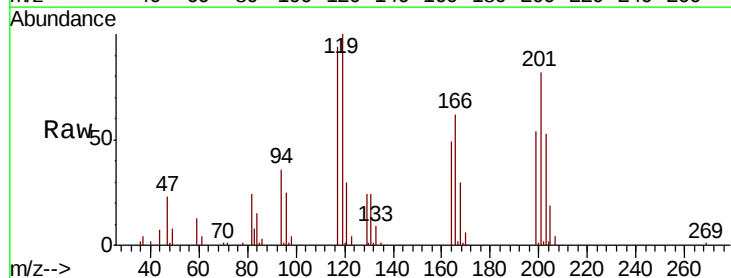
Instrument :
 MSVOA_U
 ClientSampleId :

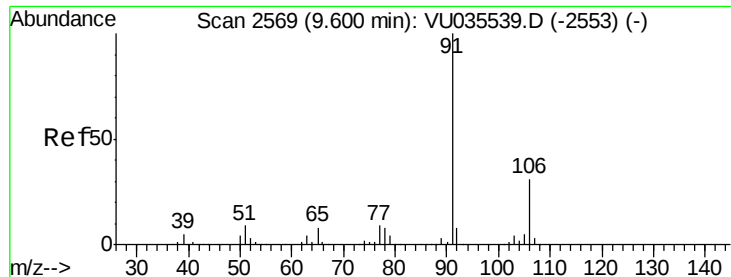
Tot Ion:117 Resp: 34474
 Ion Ratio Lower Upper
 117 100
 167 83.9 69.8 104.6



#62
 Hexachloroethane
 Concen: 1.929 ug/l
 RT: 12.50 min Scan# 3471
 Delta R.T. 0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

Tgt Ion:117 Resp: 29550
 Ion Ratio Lower Upper
 117 100
 201 87.2 71.8 107.8

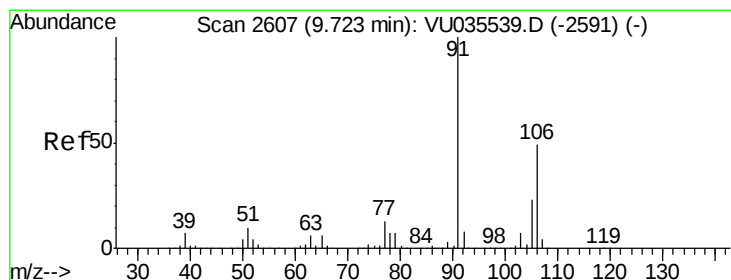
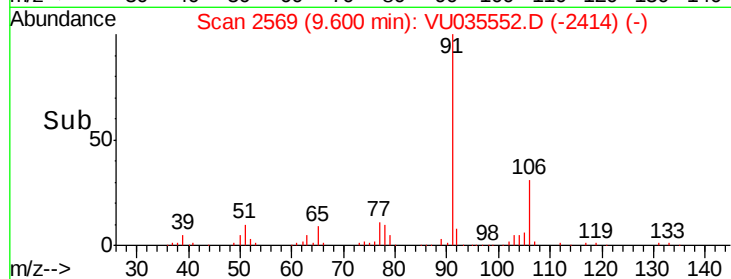
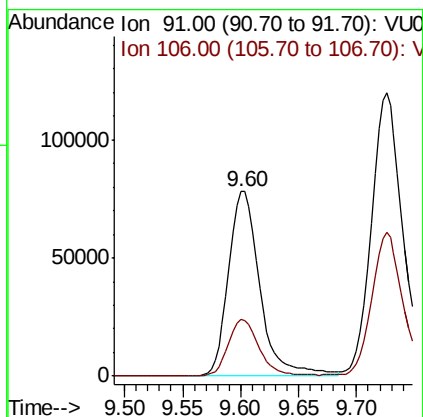
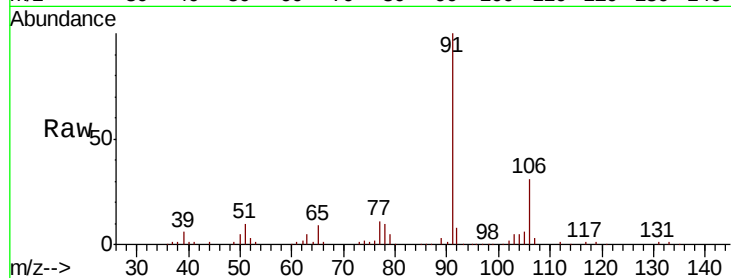




#63
Ethyl Benzene
Concen: 1.766 ug/l
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

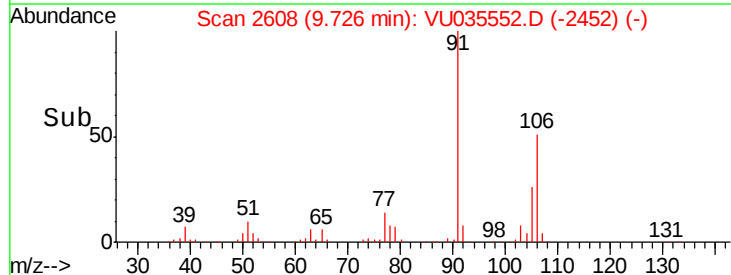
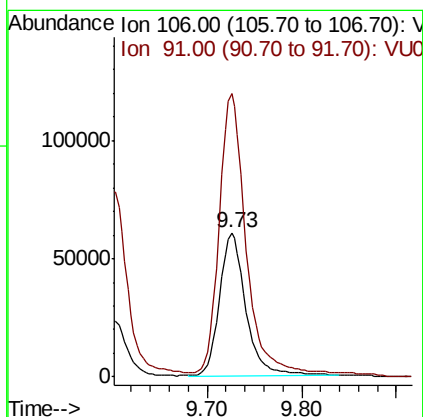
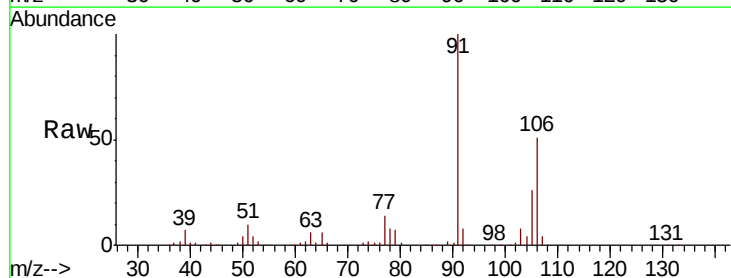
Instrument :
MSVOA_U
ClientSampleId :

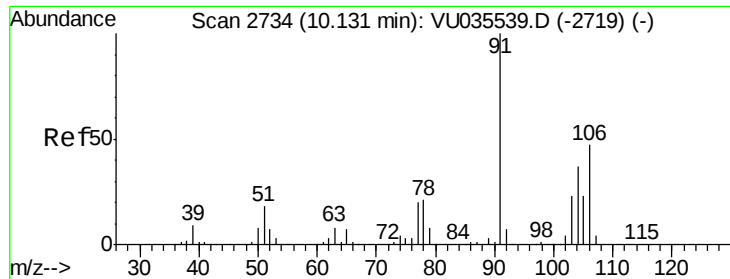
Tot Ion: 91 Resp: 146820
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8



#64
m/p-Xylenes
Concen: 3.574 ug/l
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion: 106 Resp: 117294
Ion Ratio Lower Upper
106 100
91 196.6 81.0 121.4#





#65

o-Xylene

Concen: 1.799 ug/l

RT: 10.13 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

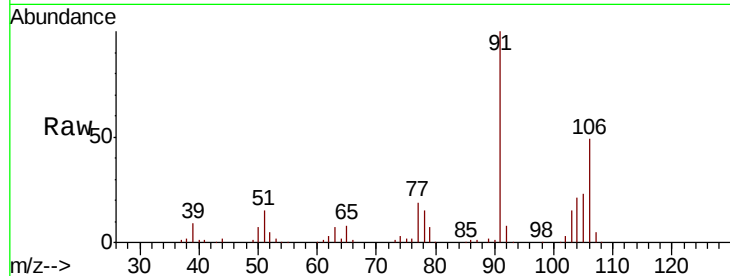
ClientSampled :

Tot Ion:106 Resp: 57048

Ion Ratio Lower Upper

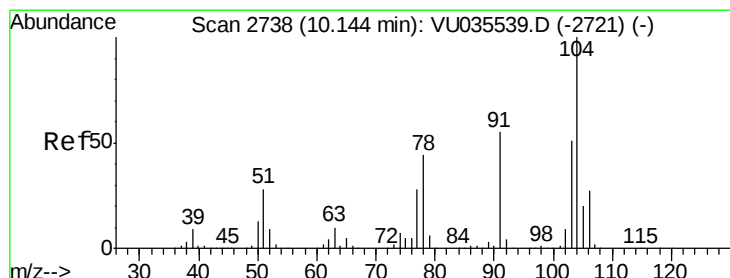
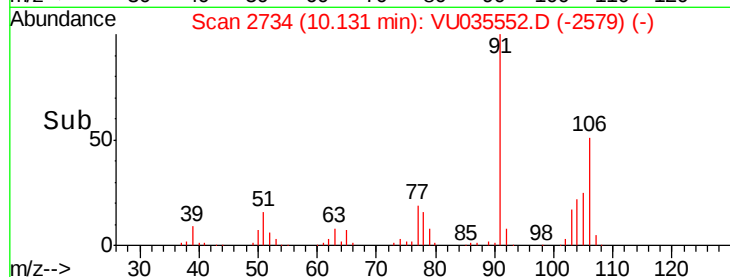
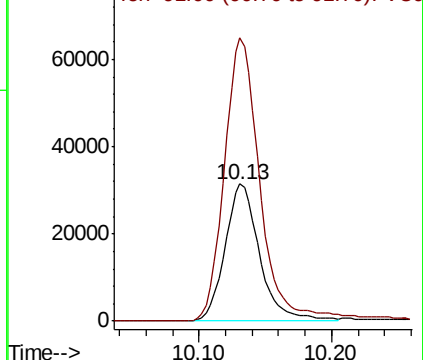
106 100

91 213.3 107.1 321.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.750 ug/l

RT: 10.15 min Scan# 2740

Delta R.T. 0.01 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

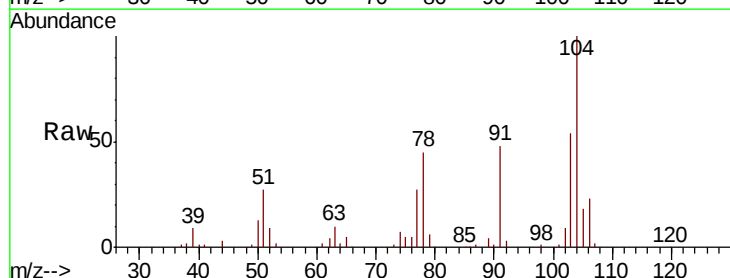
Tgt Ion:104 Resp: 91863

Ion Ratio Lower Upper

104 100

78 48.8 38.6 58.0

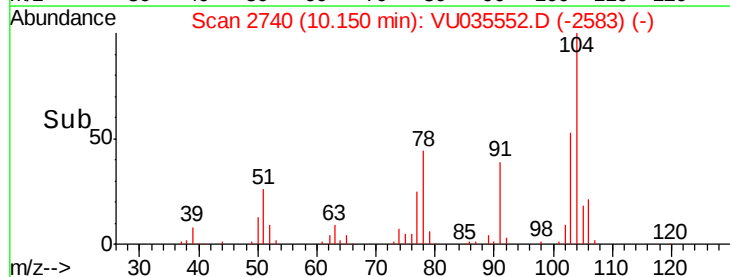
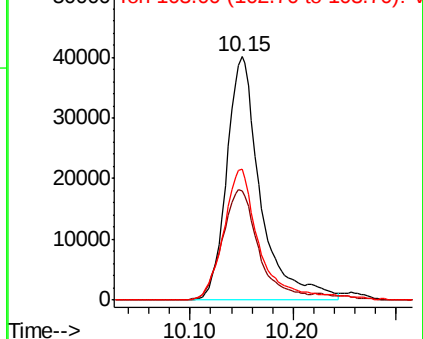
103 55.8 43.6 65.4

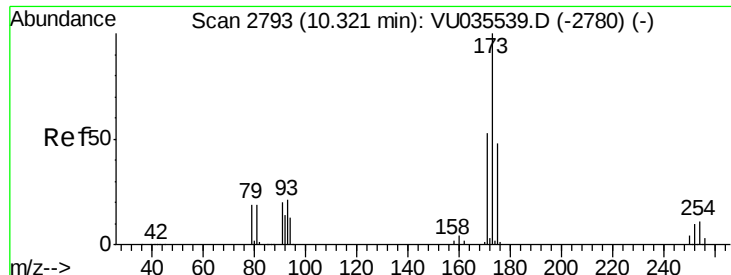


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

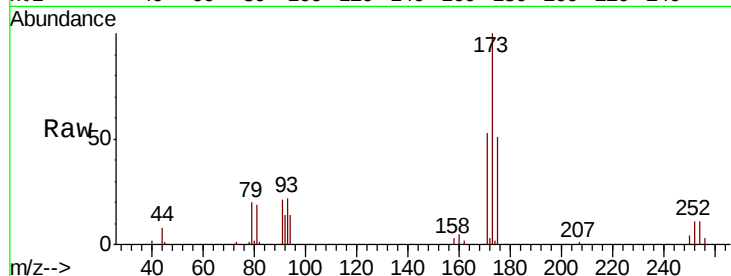




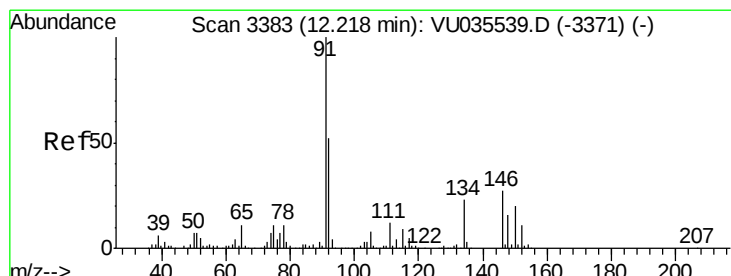
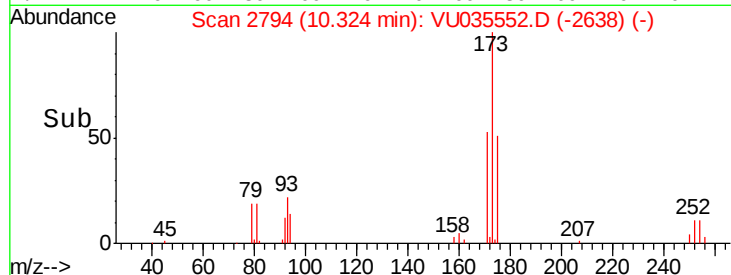
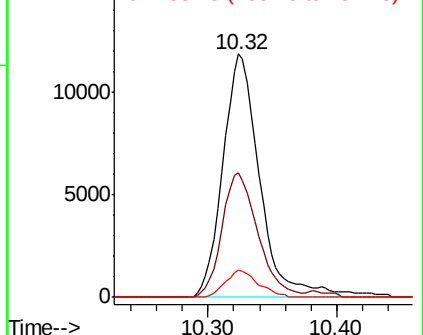
#67
Bromoform
Concen: 1.990 ug/l
RT: 10.32 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:173 Resp: 23355
Ion Ratio Lower Upper
173 100
175 50.0 38.7 58.1
254 9.9 8.2 12.2

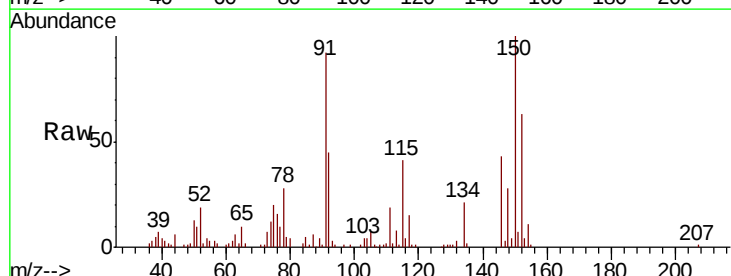


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

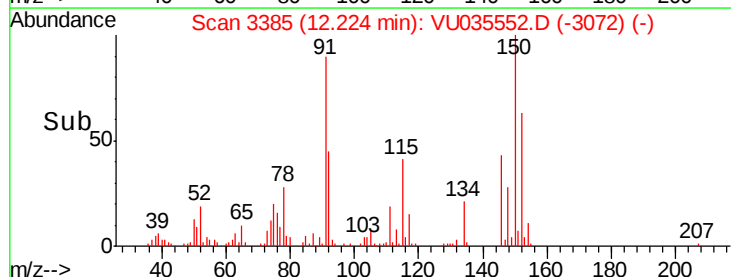
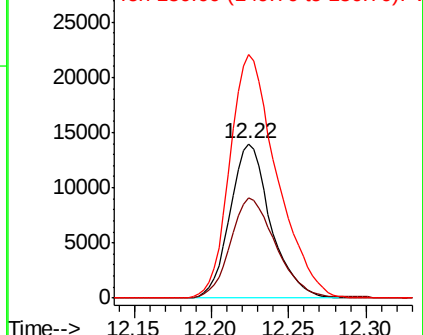


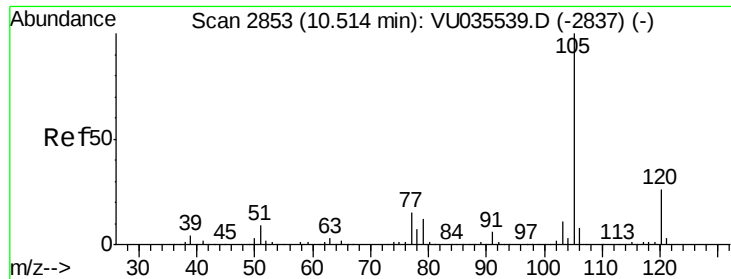
#68
1,2-Dichlorobenzene-d4
Concen: 1.012 ug/l
RT: 12.22 min Scan# 3385
Delta R.T. 0.01 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion:152 Resp: 25484
Ion Ratio Lower Upper
152 100
115 73.1 0.0 250.6
150 182.7 0.0 656.8



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: 1.798 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

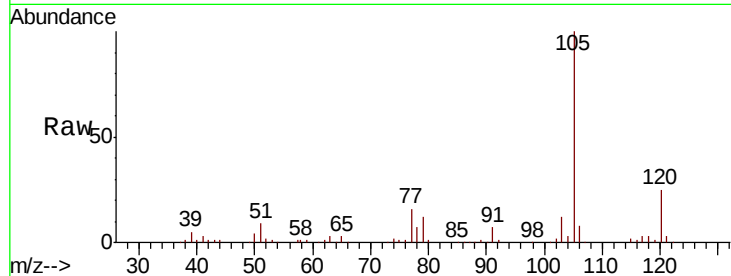
ClientSampleId :

Tot Ion:105 Resp: 148686

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

100000

80000

60000

40000

20000

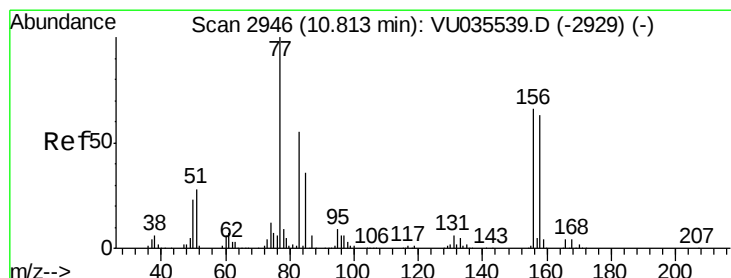
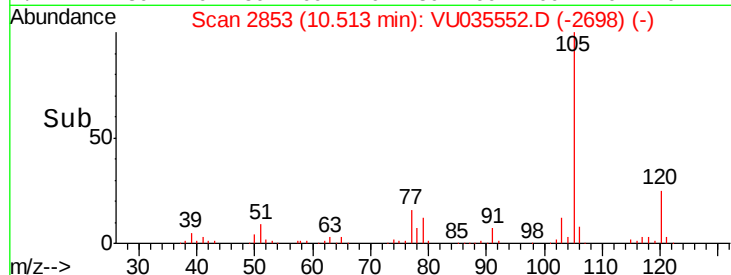
0

Time-->

10.40

10.51

10.60



#70

1,1,2,2-Tetrachloroethane

Concen: 2.017 ug/l

RT: 10.82 min Scan# 2947

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

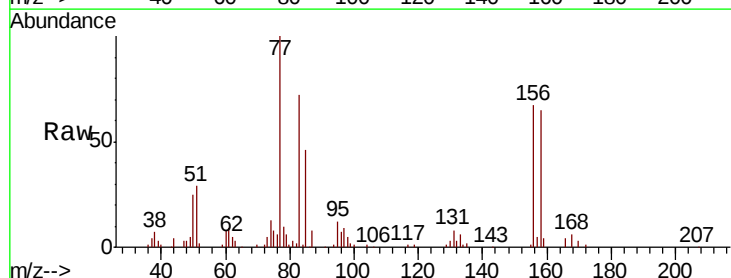
Tgt Ion: 83 Resp: 41673

Ion Ratio Lower Upper

83 100

131 10.0 0.0 0.0#

85 64.1 33.5 50.3#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

30000

25000

20000

15000

10000

5000

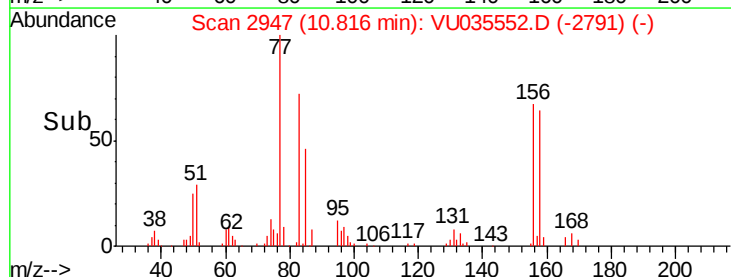
0

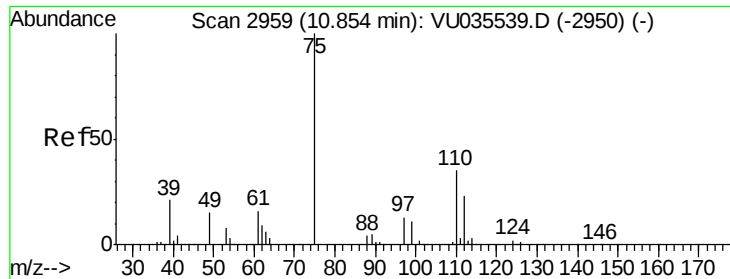
Time-->

10.80

10.82

10.90

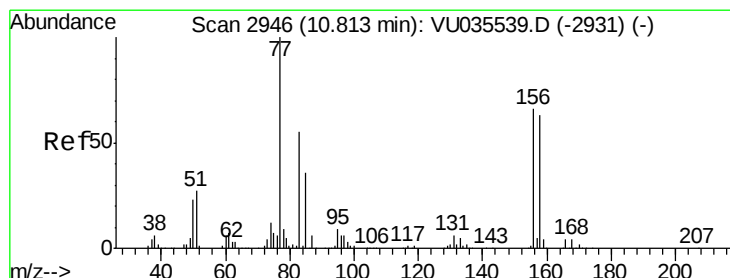
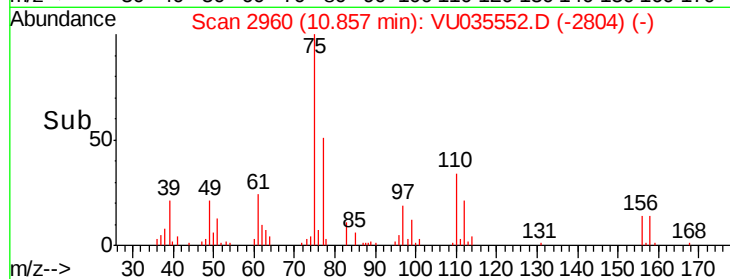
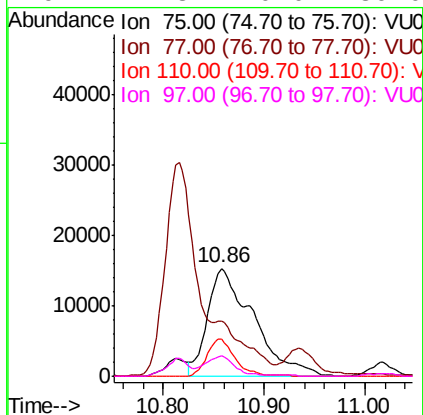
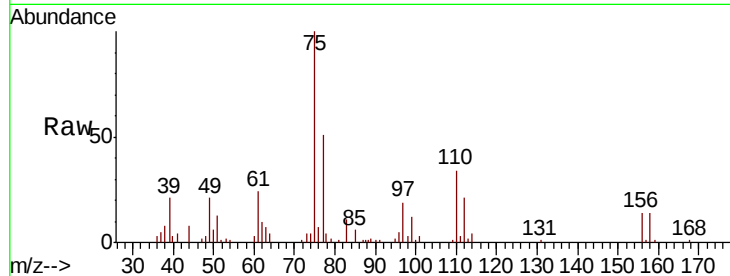




#71
1,2,3-Trichloropropane
Concen: 3.124 ug/l
RT: 10.86 min Scan# 2960
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

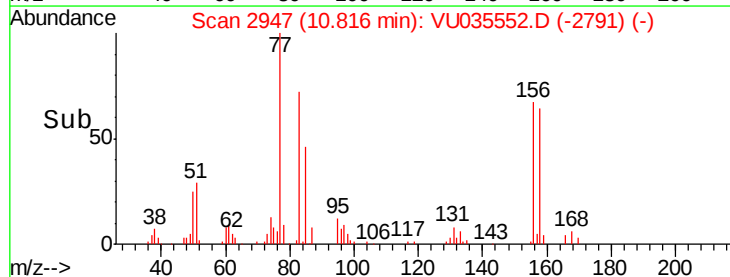
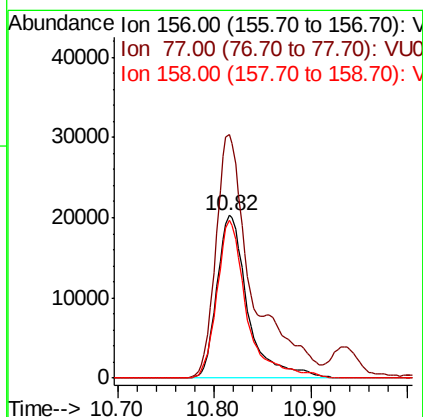
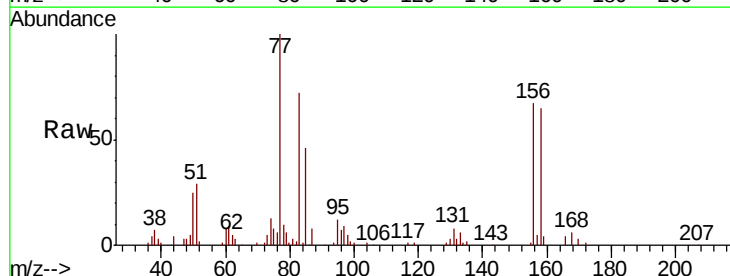
Instrument :
MSVOA_U
ClientSampled :

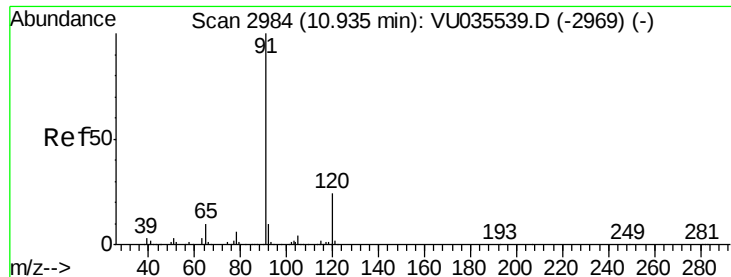
Tot Ion:	75	Resp:	48470
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	68.6
110	21.0	0.0	77.2
97	11.3	0.0	39.0



#72
Bromobenzene
Concen: 1.955 ug/l
RT: 10.82 min Scan# 2947
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion:	156	Resp:	45036
Ion	Ratio	Lower	Upper
156	100		
77	142.0	0.0	300.4
158	93.9	0.0	194.4





#73

n-propylbenzene

Concen: 1.669 ug/l

RT: 10.93 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

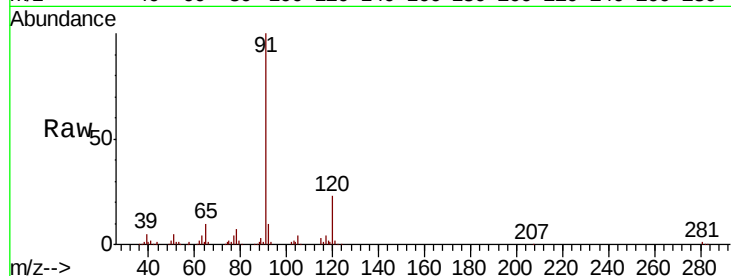
ClientSampleId :

Tot Ion:120 Resp: 38530

Ion Ratio Lower Upper

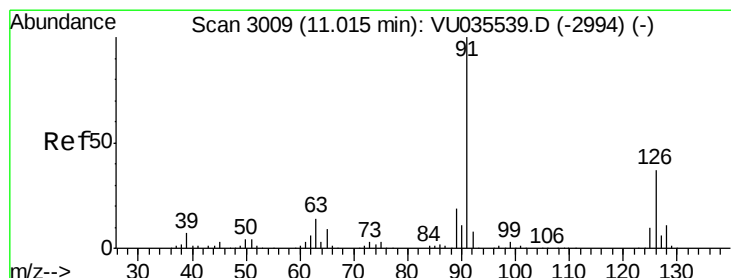
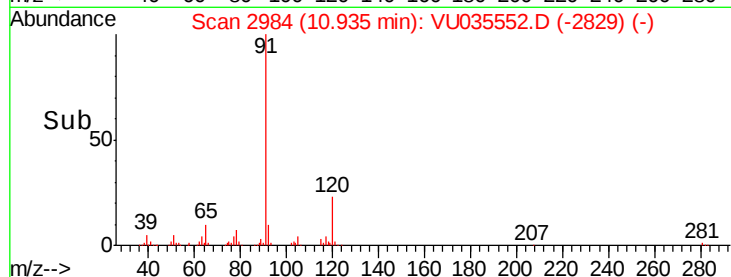
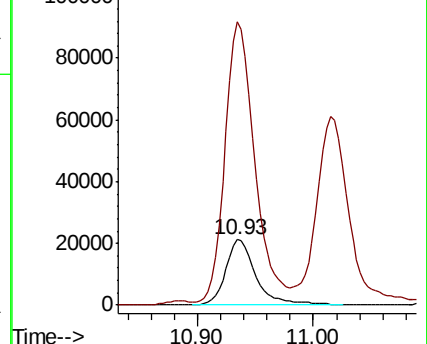
120 100

91 418.1 340.6 510.8



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.819 ug/l

RT: 11.02 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU035552.D

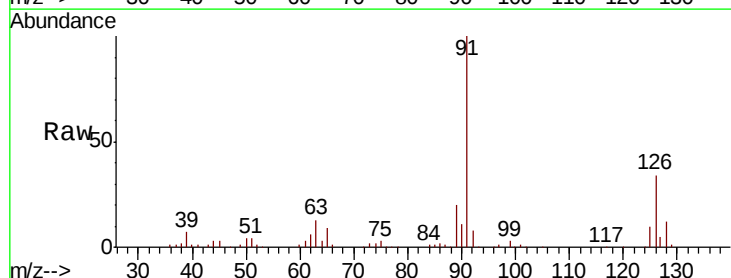
Acq: 30 Oct 2019 11:00

Tgt Ion:126 Resp: 39385

Ion Ratio Lower Upper

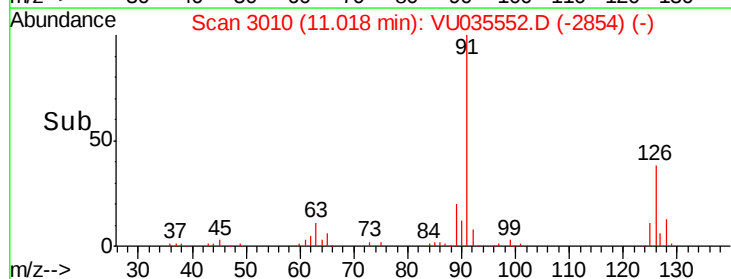
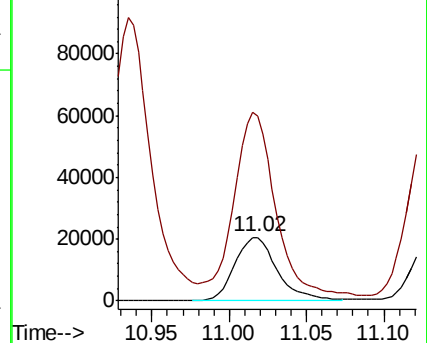
126 100

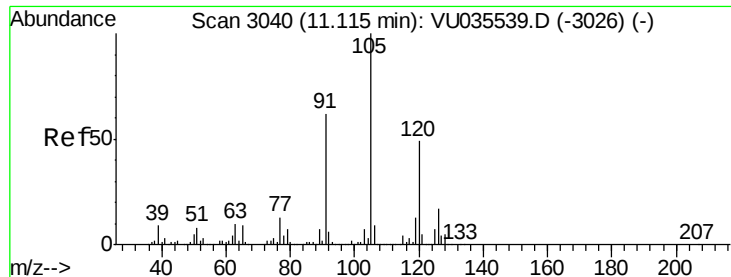
91 293.1 0.0 574.2



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: 1.697 ug/l

RT: 11.12 min Scan# 3041

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

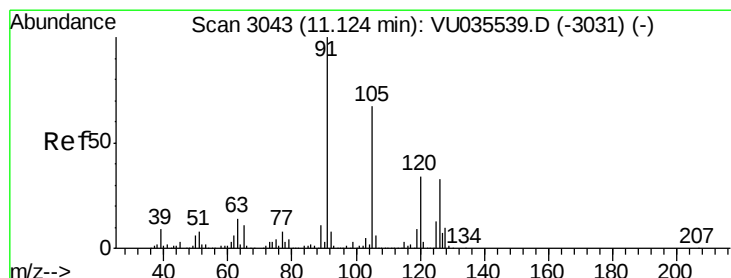
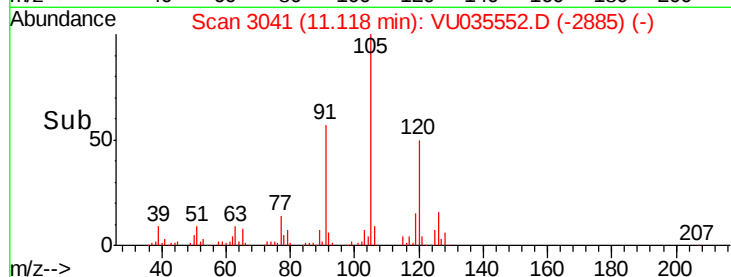
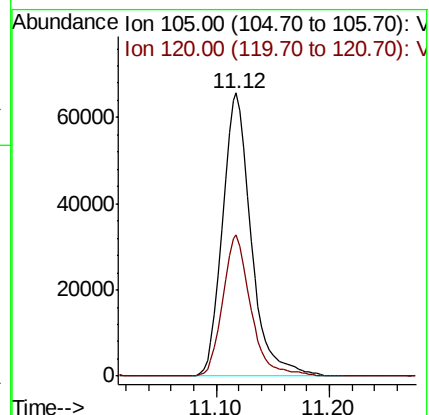
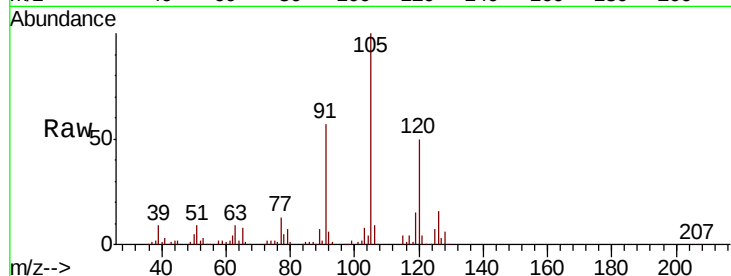
ClientSampled :

Tot Ion:105 Resp: 115648

Ion Ratio Lower Upper

105 100

120 49.0 39.4 59.2



#76

4-Chlorotoluene

Concen: 1.841 ug/l

RT: 11.13 min Scan# 3045

Delta R.T. 0.01 min

Lab File: VU035552.D

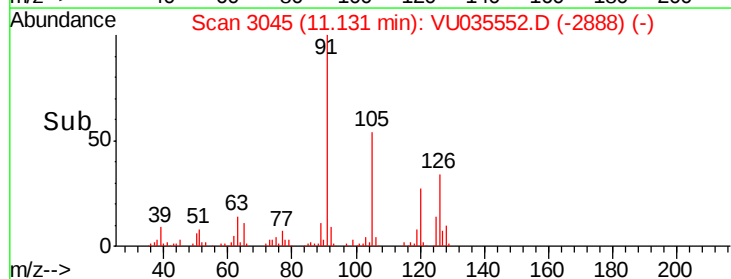
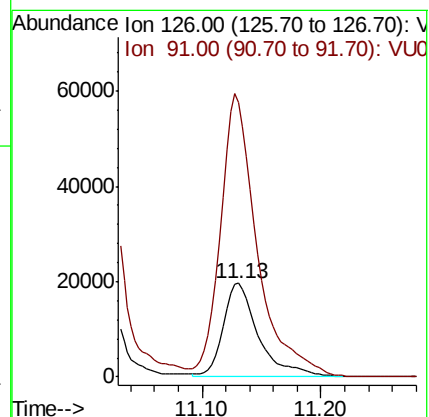
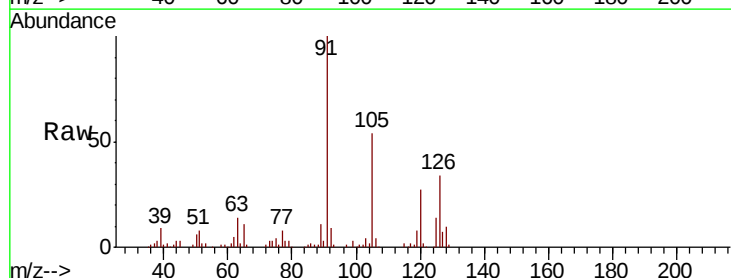
Acq: 30 Oct 2019 11:00

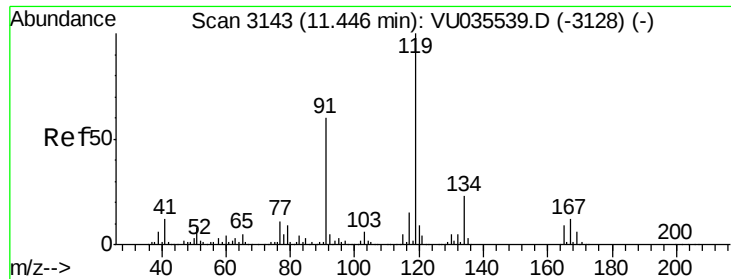
Tgt Ion:126 Resp: 40483

Ion Ratio Lower Upper

126 100

91 312.1 0.0 637.0





#77

tert-Butylbenzene

Concen: 1.771 ug/l

RT: 11.45 min Scan# 3144

Delta R.T. 0.00 min

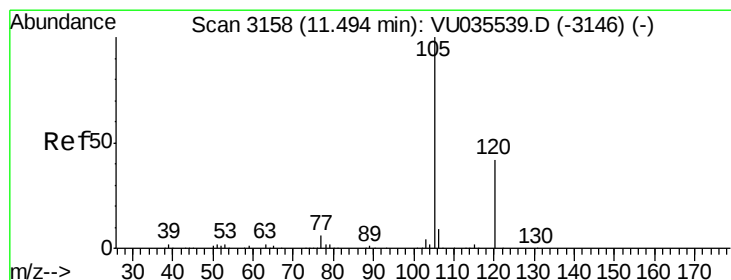
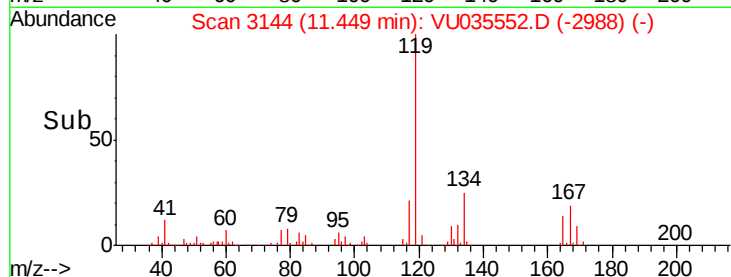
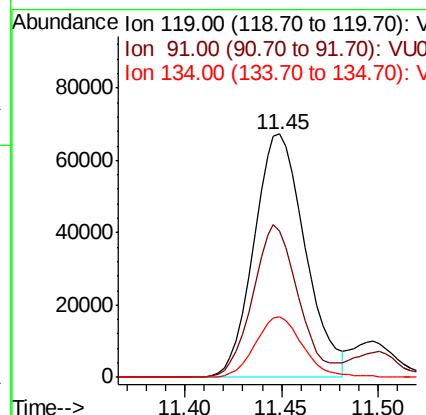
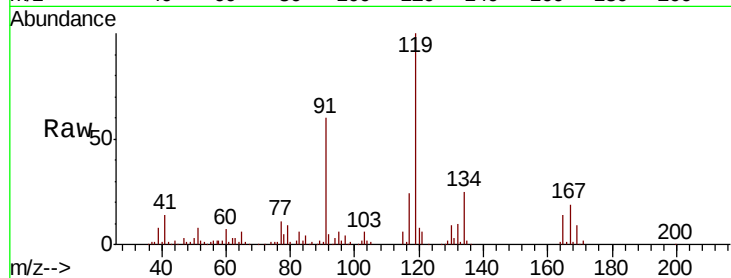
Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:119 Resp: 123738

Ion	Ratio	Lower	Upper
119	100		
91	55.5	27.9	83.7
134	23.3	18.3	27.5



#78

1,2,4-Trimethylbenzene

Concen: 1.584 ug/l

RT: 11.50 min Scan# 3159

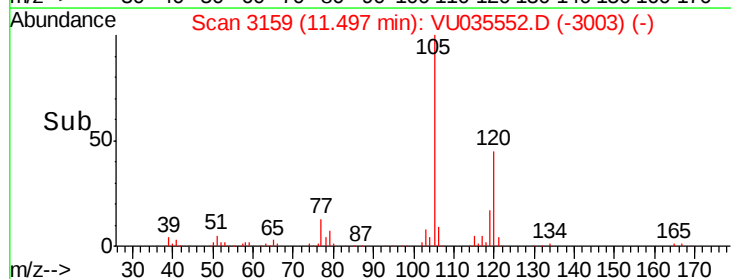
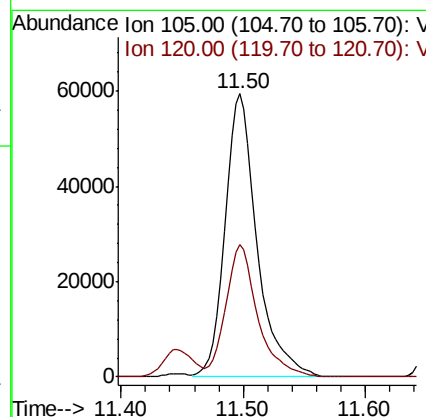
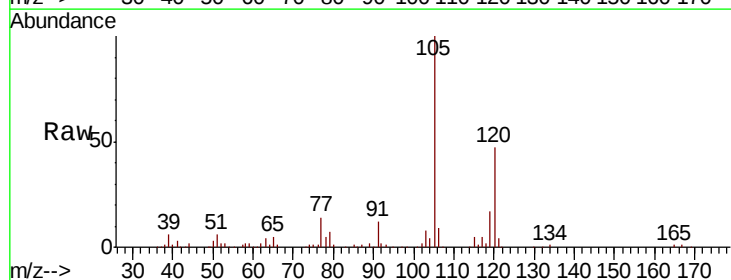
Delta R.T. 0.00 min

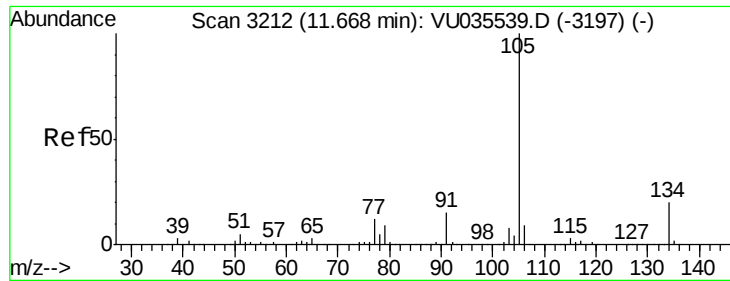
Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Tgt Ion:105 Resp: 109190

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.2	69.5





#79

sec-Butylbenzene

Concen: 1.664 ug/l

RT: 11.67 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

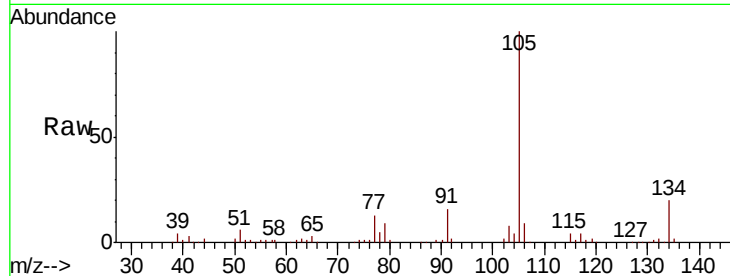
ClientSampleId :

Tot Ion: 105 Resp: 148756

Ion Ratio Lower Upper

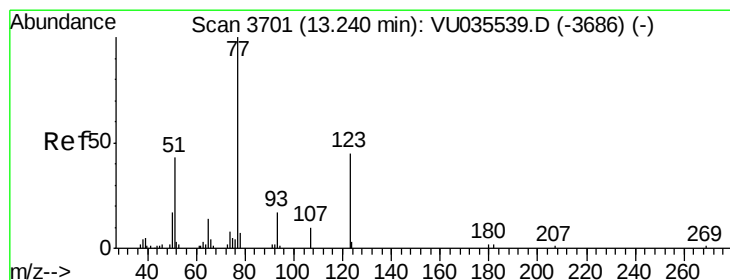
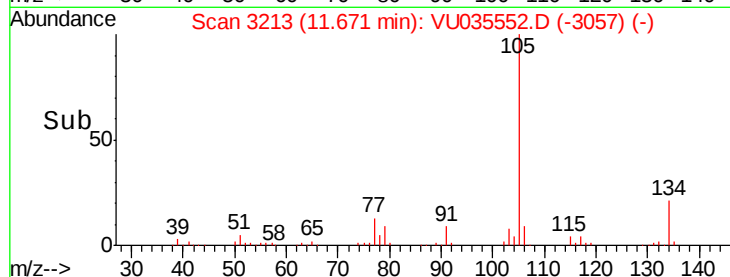
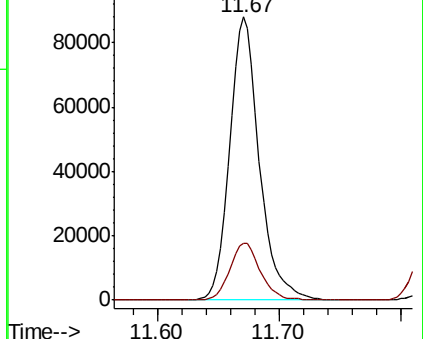
105 100

134 20.8 15.9 23.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 3.627 ug/l

RT: 13.23 min Scan# 3699

Delta R.T. -0.01 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

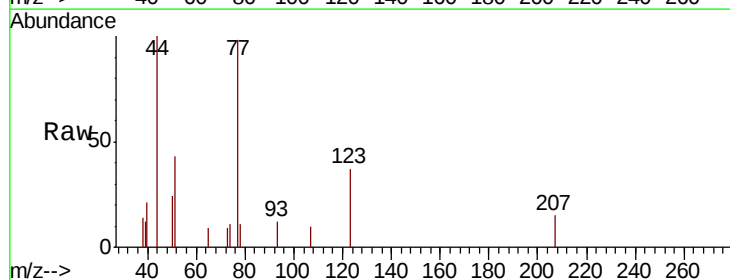
Tgt Ion: 77 Resp: 2511

Ion Ratio Lower Upper

77 100

123 36.3 18.9 67.1

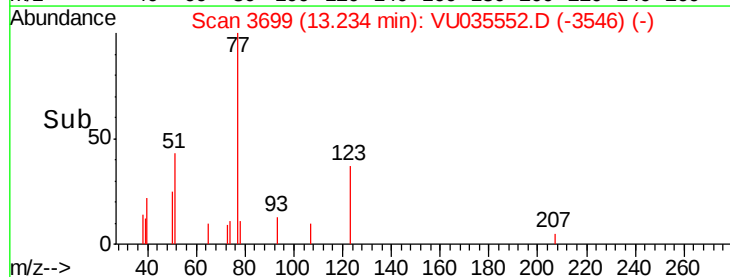
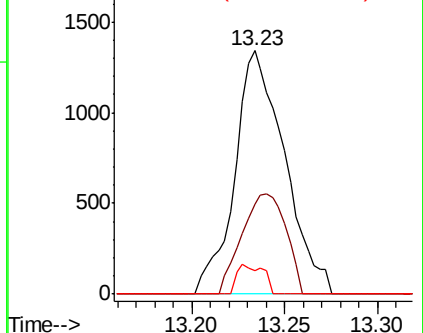
65 6.4 11.2 14.2#

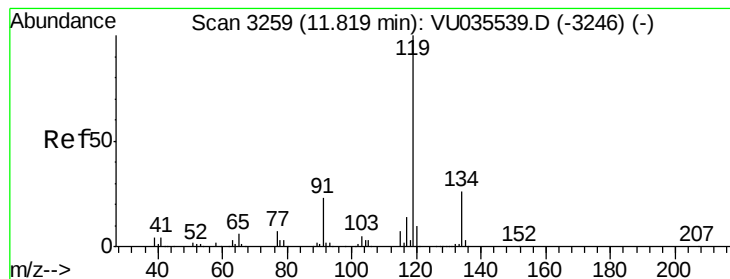


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 1.515 ug/l

RT: 11.82 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

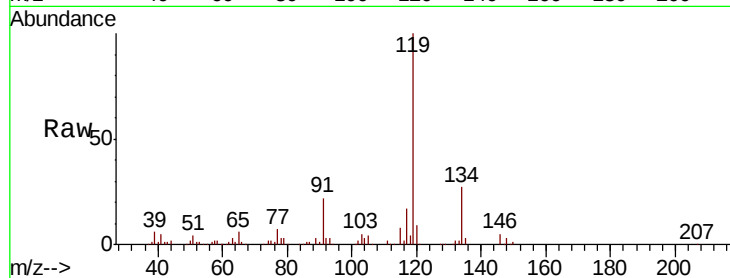
Tot Ion:119 Resp: 108317

Ion Ratio Lower Upper

119 100

134 27.0 17.0 25.4#

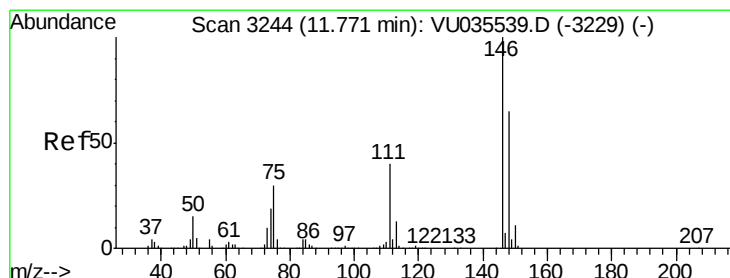
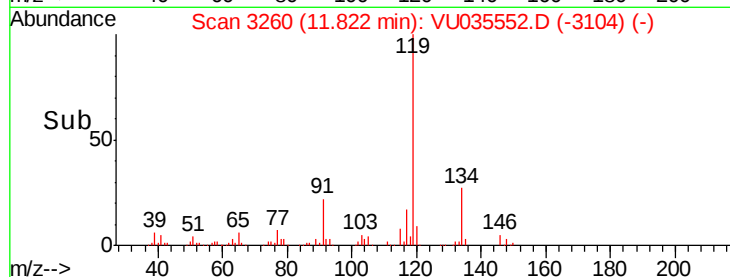
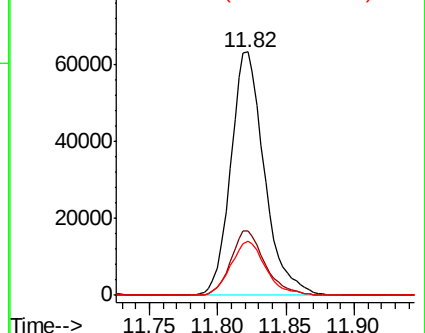
91 23.3 41.3 61.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82

1,3-Dichlorobenzene

Concen: 1.778 ug/l

RT: 11.78 min Scan# 3246

Delta R.T. 0.01 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

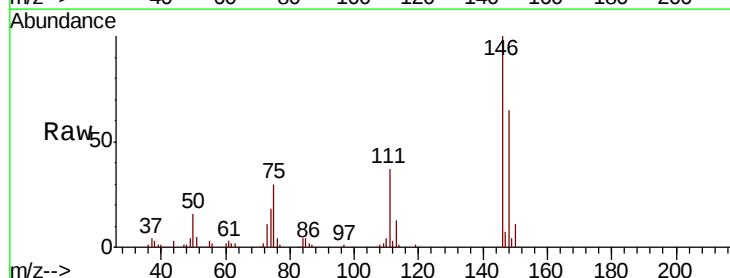
Tgt Ion:146 Resp: 78002

Ion Ratio Lower Upper

146 100

111 37.9 31.8 47.6

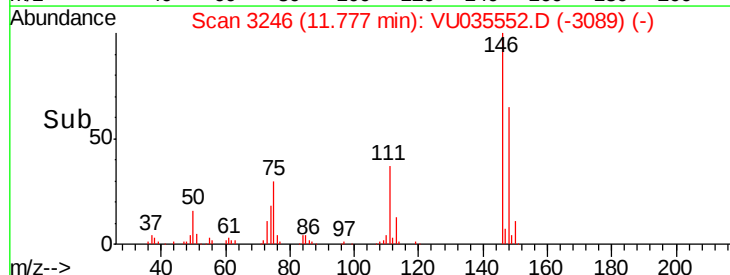
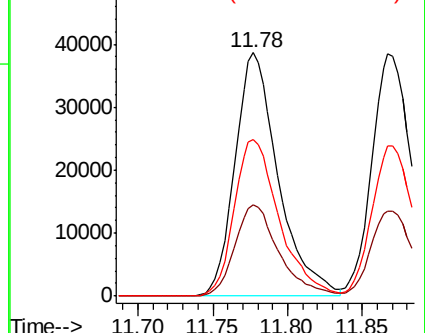
148 66.6 50.9 76.3

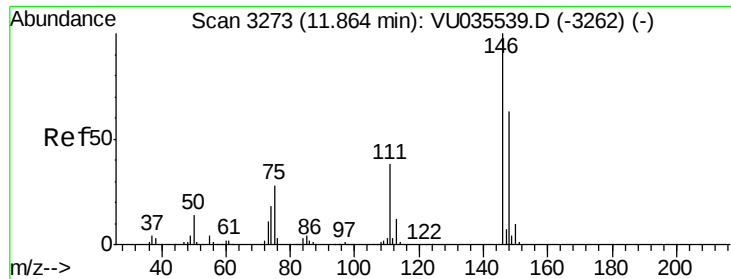


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

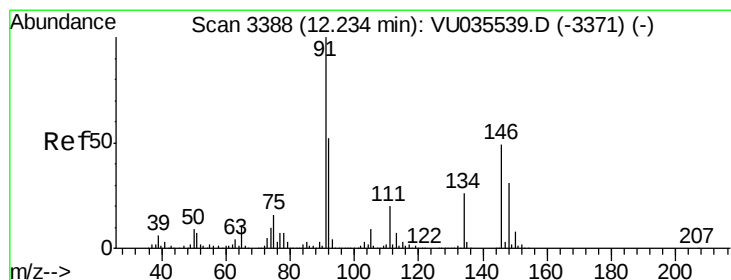
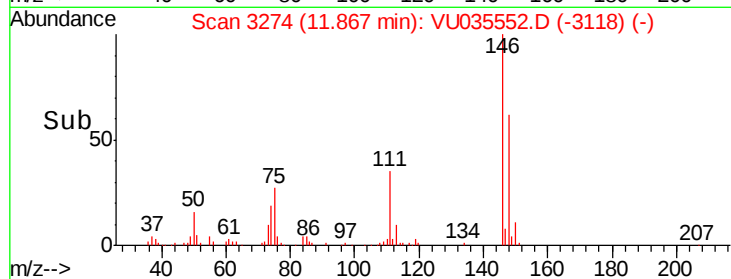
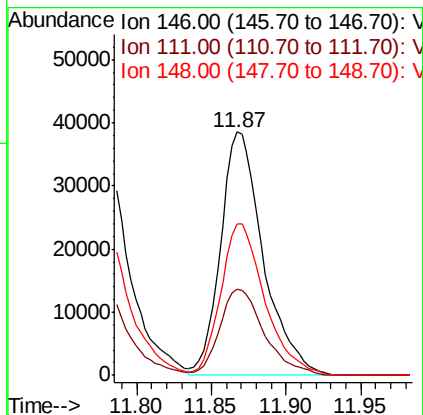
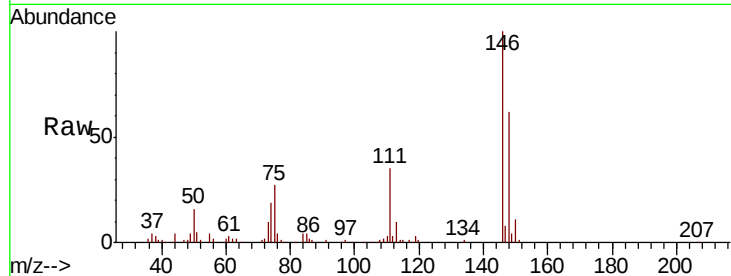




#83
 1,4-Dichlorobenzene
 Concen: 1.820 ug/l
 RT: 11.87 min Scan# 3274
 Delta R.T. 0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

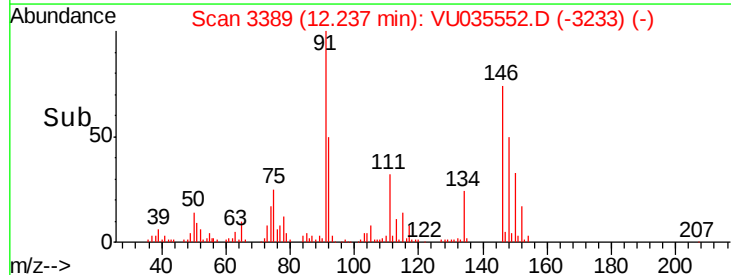
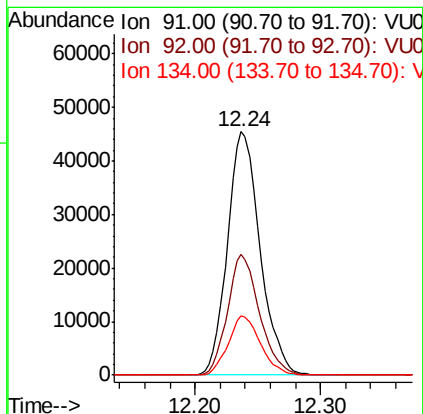
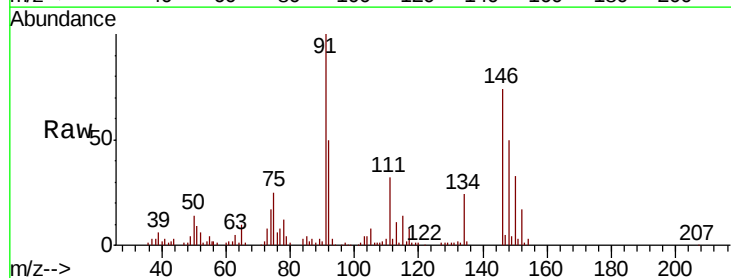
Instrument :
 MSVOA_U
 ClientSampled :

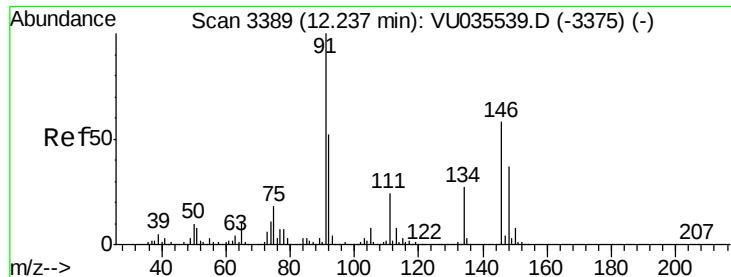
Tot Ion	146	Resp	76593
Ion Ratio	Lower	Upper	
146	100		
111	37.0	30.1	45.1
148	64.2	51.0	76.4



#84
 n-Butylbenzene
 Concen: 1.398 ug/l
 RT: 12.24 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

Tgt Ion	91	Resp	82039
Ion Ratio	Lower	Upper	
91	100		
92	48.3	41.4	62.0
134	23.9	20.6	30.8





#85

1,2-Dichlorobenzene

Concen: 1.793 ug/l

RT: 12.24 min Scan# 3391

Delta R.T. 0.01 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

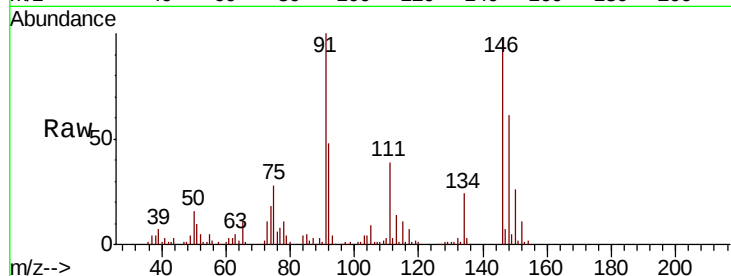
Tot Ion:146 Resp: 74100

Ion Ratio Lower Upper

146 100

111 40.8 20.5 61.5

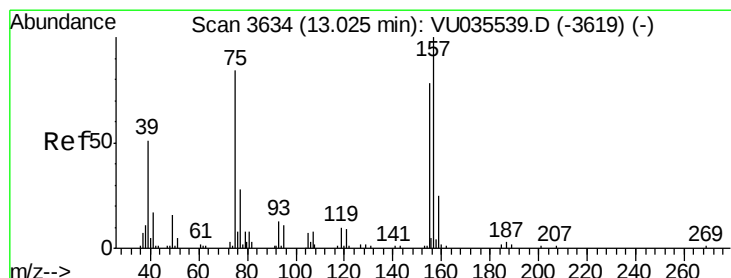
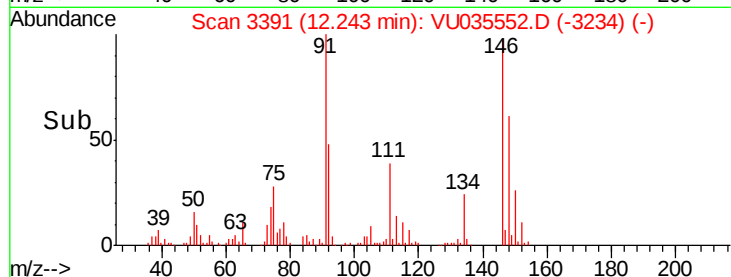
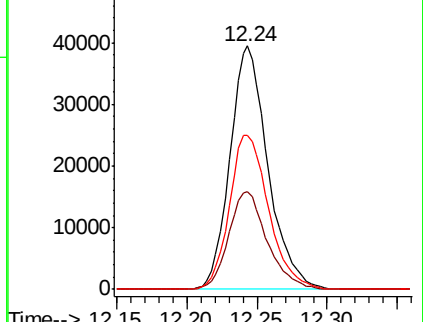
148 65.6 32.0 96.2



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: 1.870 ug/l

RT: 13.03 min Scan# 3635

Delta R.T. 0.00 min

Lab File: VU035552.D

Acq: 30 Oct 2019 11:00

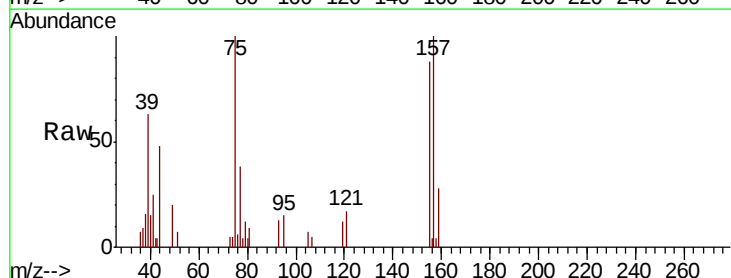
Tgt Ion: 75 Resp: 4919

Ion Ratio Lower Upper

75 100

155 88.5 71.3 106.9

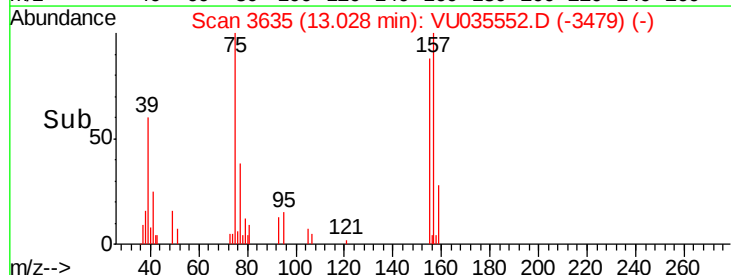
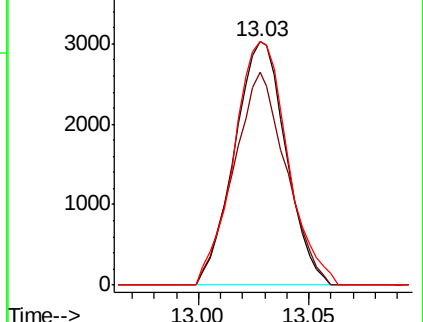
157 104.4 91.2 136.8

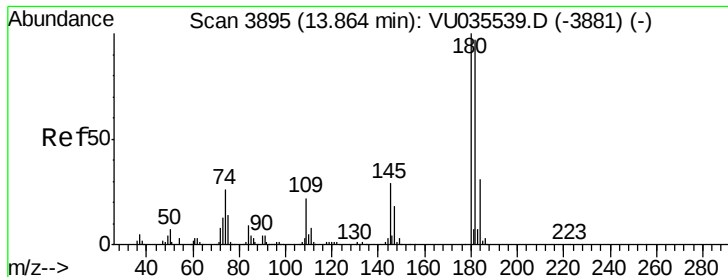


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

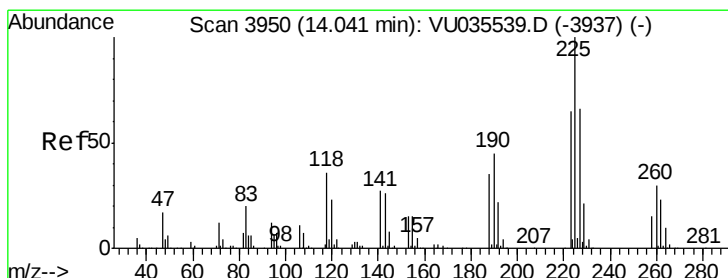
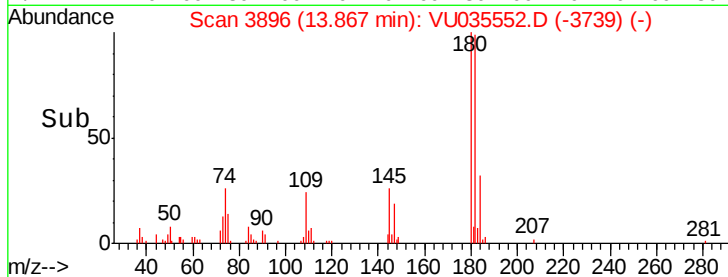
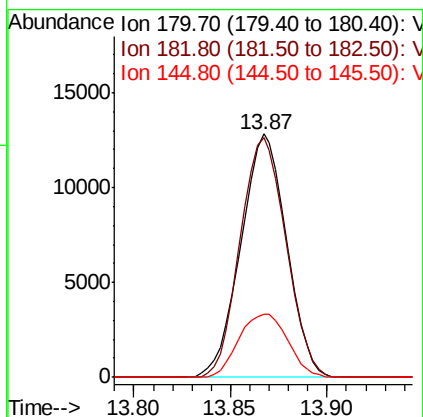
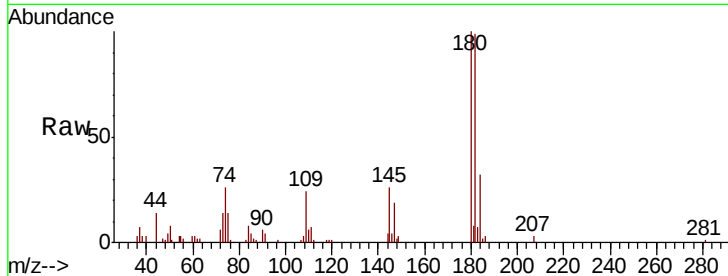




#87
 1,2,4-Trichlorobenzene
 Concen: 1.636 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

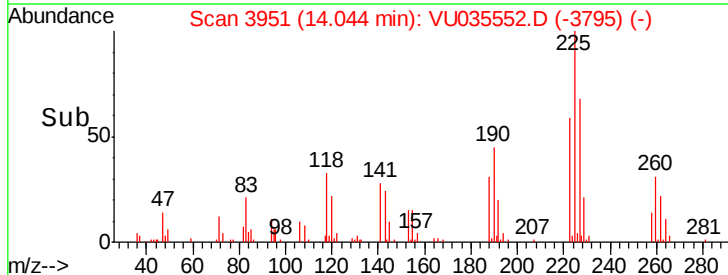
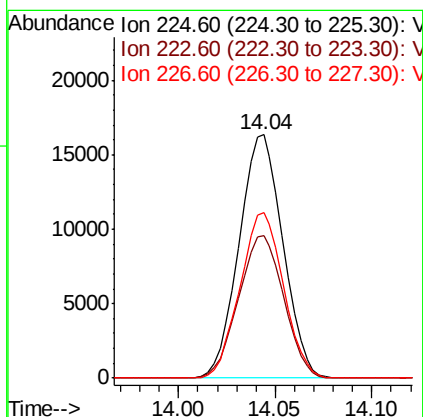
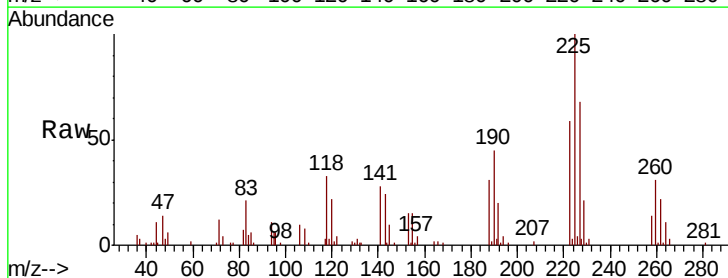
Instrument :
 MSVOA_U
 ClientSampleId :

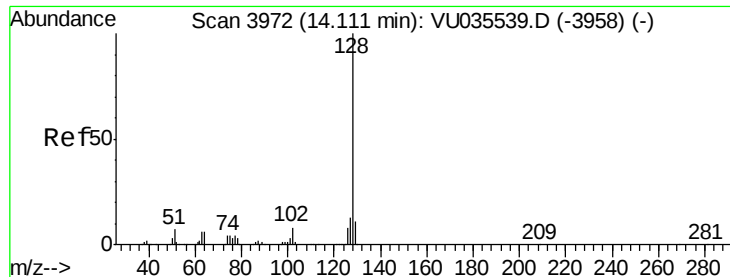
Tot Ion:180 Resp: 21082
 Ion Ratio Lower Upper
 180 100
 182 98.7 77.4 116.0
 145 27.8 22.6 33.8



#88
 Hexachlorobutadiene
 Concen: 1.674 ug/l
 RT: 14.04 min Scan# 3951
 Delta R.T. 0.00 min
 Lab File: VU035552.D
 Acq: 30 Oct 2019 11:00

Tgt Ion:225 Resp: 25755
 Ion Ratio Lower Upper
 225 100
 223 60.3 50.7 76.1
 227 67.3 52.2 78.4

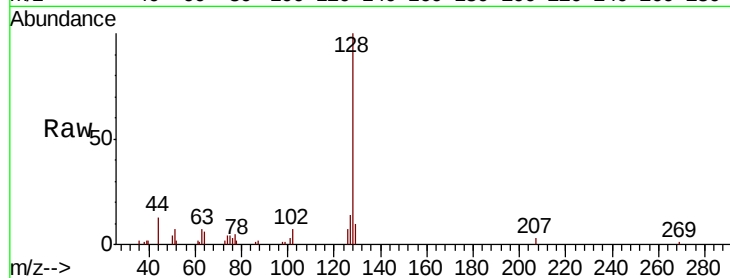




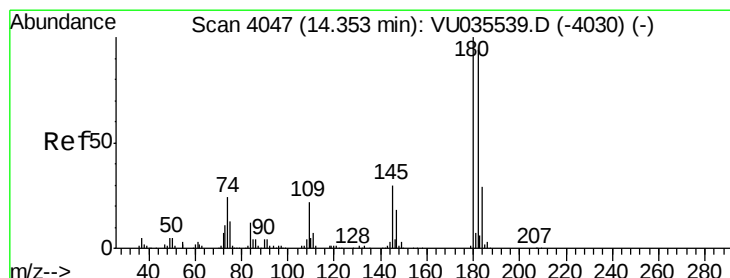
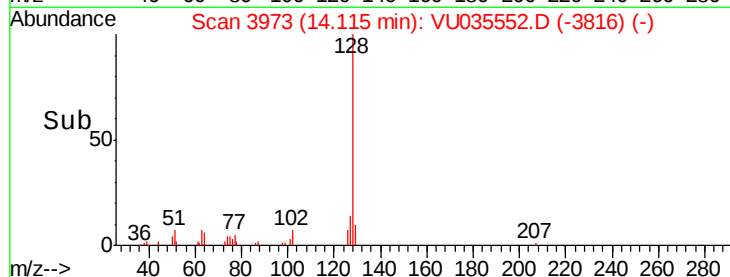
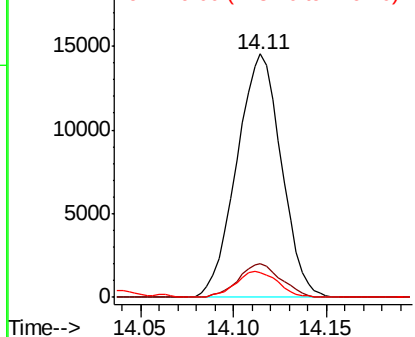
#89
Naphthalene
Concen: 1.565 ug/l
RT: 14.11 min Scan# 3973
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 24271
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.1 8.6 13.0

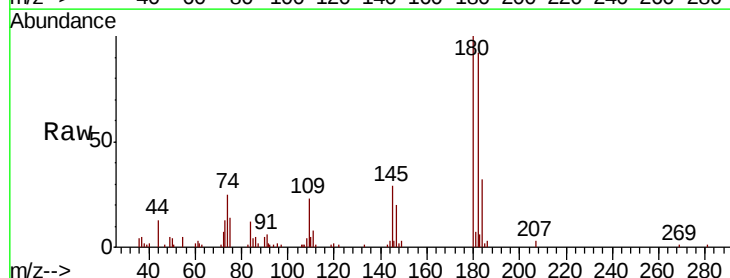


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.624 ug/l
RT: 14.36 min Scan# 4048
Delta R.T. 0.00 min
Lab File: VU035552.D
Acq: 30 Oct 2019 11:00

Tgt Ion:180 Resp: 22413
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.8
145 29.6 23.7 35.5



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

