

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
 Data File : VU034441.D
 Acq On : 10 Sep 2019 11:19
 Operator : JC/SP
 Sample : VU0910WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

Quant Time: Sep 11 05:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	253612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	363607	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	358465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	239622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	195773	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	4.86	113	173356	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	7.54	98	656951	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	10.29	95	242014	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	51581	19.447	ug/l 100
3) Chloromethane	1.32	50	60592	21.095	ug/l 100
4) Vinyl Chloride	1.40	62	63811	19.306	ug/l 97
5) Bromomethane	1.62	94	38826	20.648	ug/l 96
6) Chloroethane	1.69	64	42611	21.612	ug/l 99
7) Trichlorofluoromethane	1.88	101	92874	20.957	ug/l 100
8) Diethyl Ether	2.09	74	40756	20.907	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	61016	20.787	ug/l 99
10) Methyl Iodide	2.40	142	36876	16.522	ug/l 96
11) Tert butyl alcohol	2.81	59	91990	113.475	ug/l 97
12) 1,1-Dichloroethene	2.27	96	56163	20.354	ug/l 94
13) Acrolein	2.18	56	45511	66.795	ug/l 100
14) Allyl chloride	2.58	41	90740	17.201	ug/l 93
15) Acrylonitrile	2.92	53	210950	104.495	ug/l 98
16) Acetone	2.31	43	184567	92.946	ug/l 100
17) Carbon Disulfide	2.47	76	108808	17.545	ug/l 100
18) Methyl Acetate	2.60	43	98316	20.347	ug/l 99
19) Methyl tert-butyl Ether	2.98	73	214002	21.278	ug/l 99
20) Methylene Chloride	2.69	84	73989	22.529	ug/l 99
21) trans-1,2-Dichloroethene	2.97	96	59029	20.300	ug/l 98
22) Diisopropyl ether	3.55	45	223588	21.734	ug/l 94
23) Vinyl Acetate	3.50	43	888160	105.988	ug/l 99
24) 1,1-Dichloroethane	3.43	63	129744	21.118	ug/l 99
25) 2-Butanone	4.24	43	274093	103.404	ug/l 99
26) 2,2-Dichloropropane	4.21	77	101888	20.620	ug/l 99
27) cis-1,2-Dichloroethene	4.21	96	74092	20.980	ug/l 99
28) Bromochloromethane	4.52	49	60951	21.569	ug/l 97
29) Tetrahydrofuran	4.61	42	168972	104.758	ug/l 99
30) Chloroform	4.65	83	133254	21.338	ug/l 97
31) Cyclohexane	4.97	56	88498	19.690	ug/l 97
32) 1,1,1-Trichloroethane	4.89	97	106882	21.407	ug/l 98
36) 1,1-Dichloropropene	5.12	75	79512	20.164	ug/l 99
37) Ethyl Acetate	4.36	43	99687	21.381	ug/l 98
38) Carbon Tetrachloride	5.11	117	91444	21.718	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
 Data File : VU034441.D
 Acq On : 10 Sep 2019 11:19
 Operator : JC/SP
 Sample : VU0910WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

Quant Time: Sep 11 05:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	83081	19.709	ug/l	98
40) Benzene	5.37	78	271351	21.325	ug/l	100
41) Methacrylonitrile	4.52	41	54162	21.809	ug/l	99
42) 1,2-Dichloroethane	5.38	62	96180	21.771	ug/l	100
43) Isopropyl Acetate	5.53	43	151064	20.770	ug/l	99
44) Trichloroethene	6.17	130	73421	20.852	ug/l	99
45) 1,2-Dichloropropane	6.41	63	80636	21.677	ug/l	97
46) Dibromomethane	6.54	93	50723	21.723	ug/l	99
47) Bromodichloromethane	6.74	83	104888	21.823	ug/l	99
48) Methyl methacrylate	6.60	41	70031	20.273	ug/l	98
49) 1,4-Dioxane	6.59	88	30234	400.806	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	535898	106.446	ug/l	100
52) Toluene	7.62	92	171863	21.531	ug/l	98
53) t-1,3-Dichloropropene	7.86	75	104179	20.910	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	118210	21.617	ug/l	100
55) 1,1,2-Trichloroethane	8.05	97	76901	21.217	ug/l	95
56) Ethyl methacrylate	8.00	69	103949	20.792	ug/l	99
57) 1,3-Dichloropropane	8.22	76	126596	21.450	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	166880	100.239	ug/l	98
59) 2-Hexanone	8.34	43	398404	105.930	ug/l	98
60) Dibromochloromethane	8.46	129	86711	22.305	ug/l	99
61) 1,2-Dibromoethane	8.57	107	76733	21.630	ug/l	99
64) Tetrachloroethene	8.21	164	65701	21.127	ug/l	96
65) Chlorobenzene	9.10	112	196860	21.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	75802	21.840	ug/l	98
67) Ethyl Benzene	9.23	91	314676	21.162	ug/l	99
68) m/p-Xylenes	9.35	106	247237	44.154	ug/l	99
69) o-Xylene	9.76	106	117929	21.536	ug/l	97
70) Styrene	9.77	104	210154	21.889	ug/l	99
71) Bromoform	9.94	173	66271	22.032	ug/l #	100
73) Isopropylbenzene	10.14	105	330508	21.195	ug/l	100
74) N-amyl acetate	9.99	43	129832	20.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	134966	21.382	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	141435	27.040	ug/l	88
77) Bromobenzene	10.43	156	93681	21.485	ug/l	97
78) n-propylbenzene	10.57	91	379974	21.098	ug/l	99
79) 2-Chlorotoluene	10.64	91	233895	21.285	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	288069	22.088	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	142416	91.566	ug/l #	100
82) 4-Chlorotoluene	10.75	91	267317	21.139	ug/l	99
83) tert-Butylbenzene	11.08	119	278945	21.380	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	289162	22.026	ug/l	100
85) sec-Butylbenzene	11.30	105	333081	21.625	ug/l	100
86) p-Isopropyltoluene	11.45	119	306272	21.543	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	166913	20.978	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	169723	20.451	ug/l	98
89) n-Butylbenzene	11.87	91	256336	20.748	ug/l	98
90) Hexachloroethane	12.12	117	47931	21.073	ug/l	100
91) 1,2-Dichlorobenzene	11.85	146	164038	20.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	24921	21.485	ug/l	99

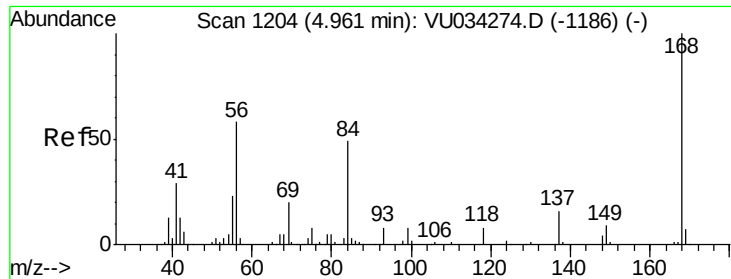
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034441.D
Acq On : 10 Sep 2019 11:19
Operator : JC/SP
Sample : VU0910WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

Quant Time: Sep 11 05:52:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	102140	20.219	ug/l	99
94) Hexachlorobutadiene	13.67	225	52749	19.285	ug/l	99
95) Naphthalene	13.72	128	259683	18.937	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	102987	20.448	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

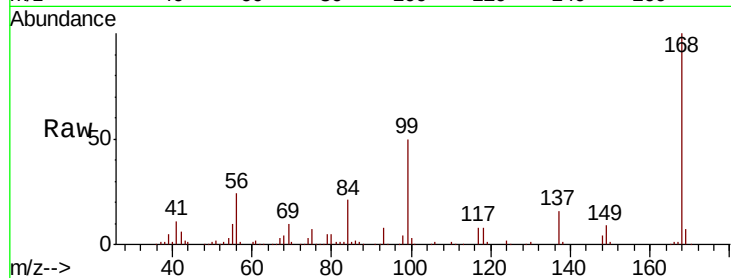
VU0910WBS01

Tgt Ion:168 Resp: 253612

Ion Ratio Lower Upper

168 100

99 49.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

120000

100000

80000

60000

40000

20000

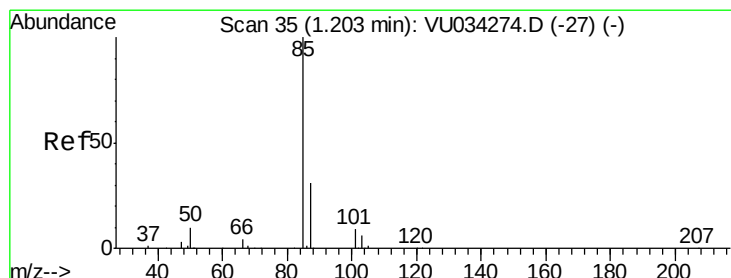
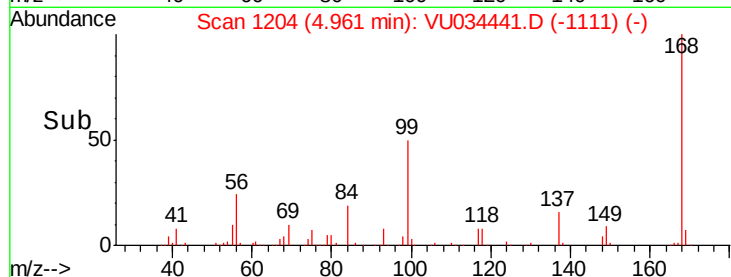
0

4.90

5.00

5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.447 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034441.D

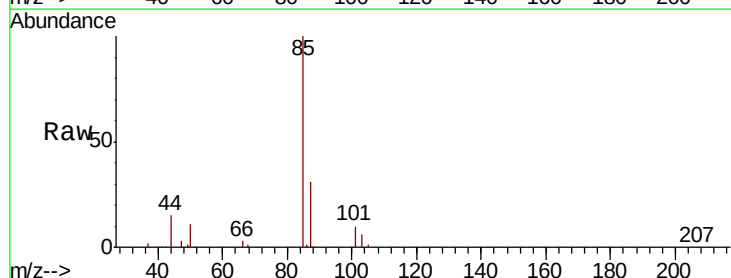
Acq: 10 Sep 2019 11:19

Tgt Ion: 85 Resp: 51581

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034274.D (-27) (-)

Ion 86.90 (86.60 to 87.60): VU034274.D (-27) (-)

1.20

60000

50000

40000

30000

20000

10000

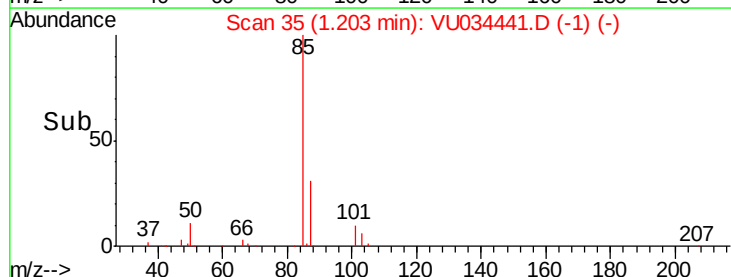
0

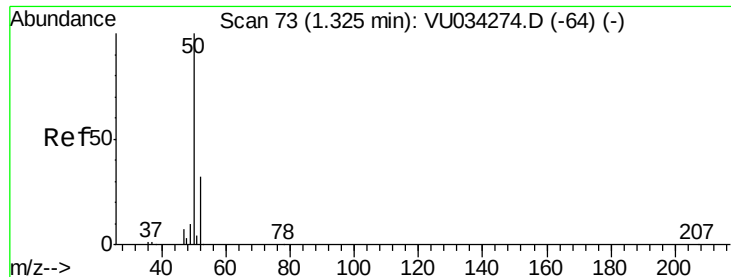
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 21.095 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

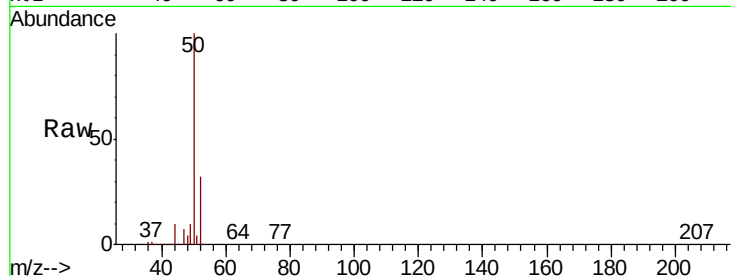
VU0910WBS01

Tgt Ion: 50 Resp: 60592

Ion Ratio Lower Upper

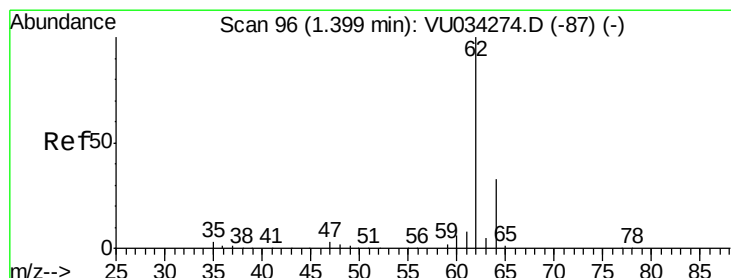
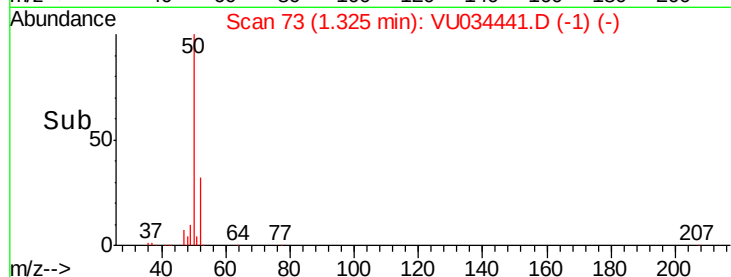
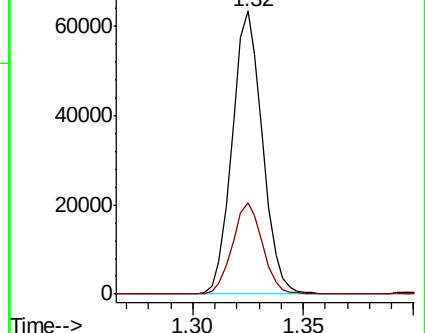
50 100

52 32.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VU034441.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU034441.D (-1) (-)



#4

Vinyl Chloride

Concen: 19.306 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034441.D

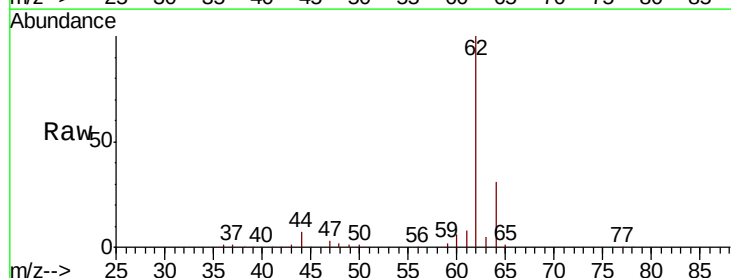
Acq: 10 Sep 2019 11:19

Tgt Ion: 62 Resp: 63811

Ion Ratio Lower Upper

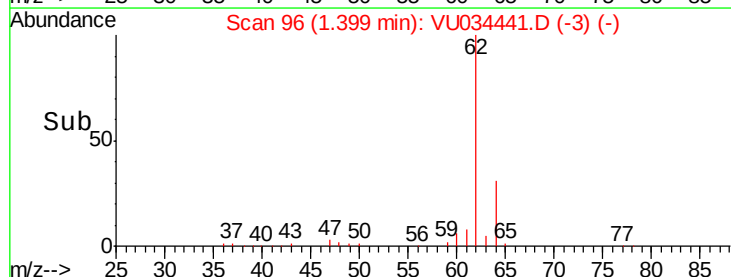
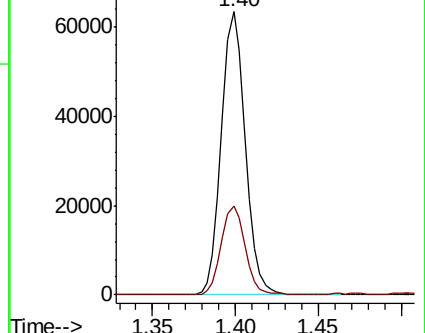
62 100

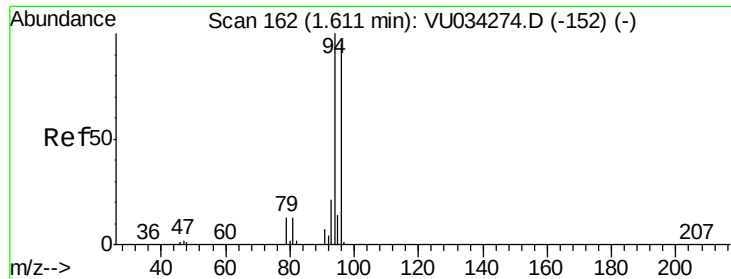
64 31.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VU034441.D (-3) (-)

Ion 63.90 (63.60 to 64.60): VU034441.D (-3) (-)





#5

Bromomethane

Concen: 20.648 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

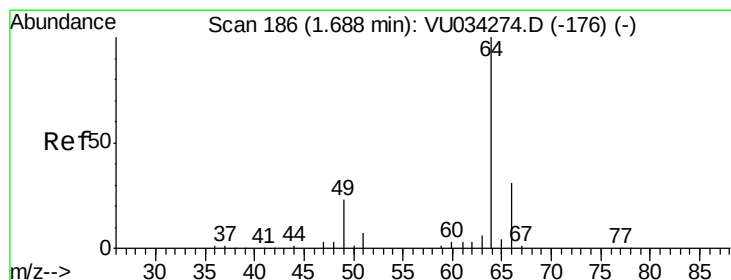
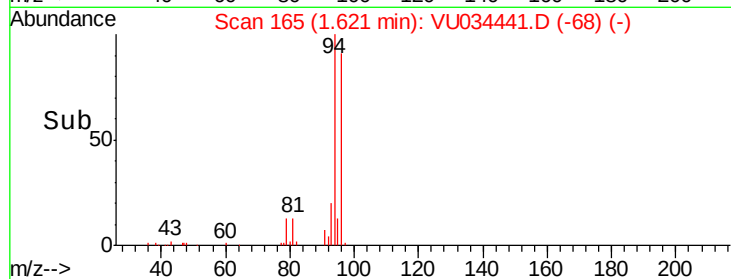
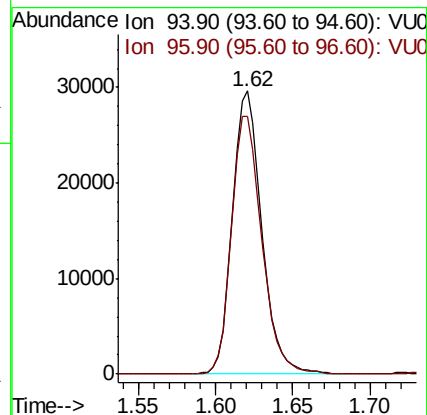
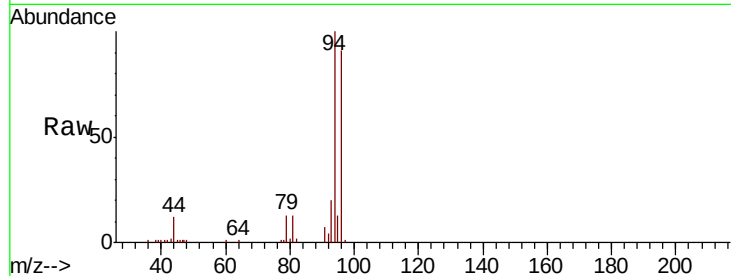
VU0910WBS01

Tgt Ion: 94 Resp: 38826

Ion Ratio Lower Upper

94 100

96 91.2 75.7 113.5



#6

Chloroethane

Concen: 21.612 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU034441.D

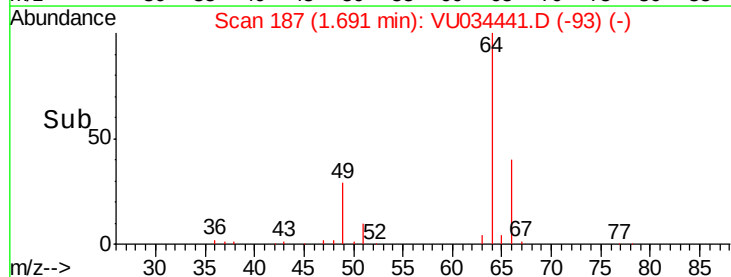
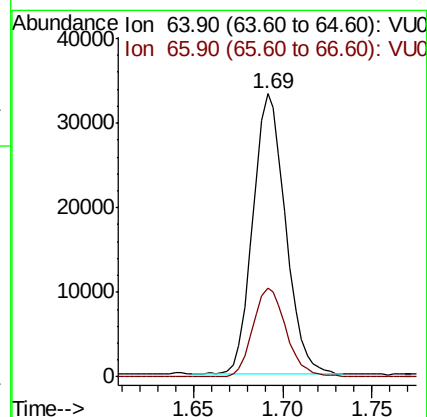
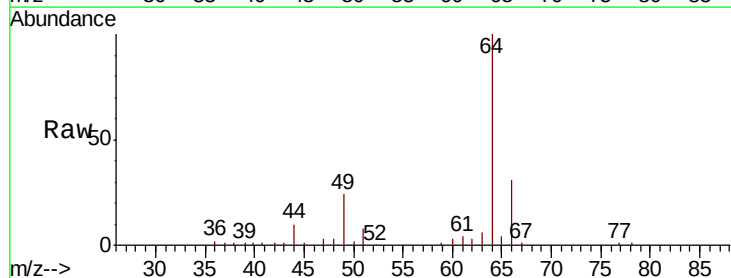
Acq: 10 Sep 2019 11:19

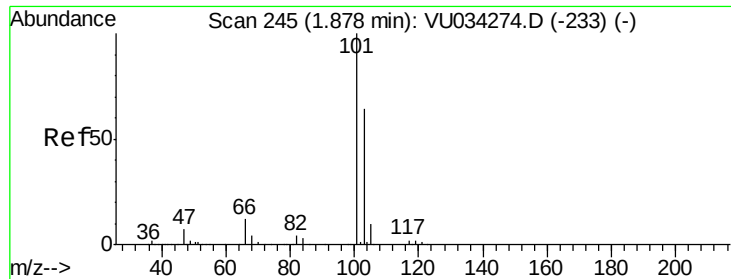
Tgt Ion: 64 Resp: 42611

Ion Ratio Lower Upper

64 100

66 31.7 25.0 37.6



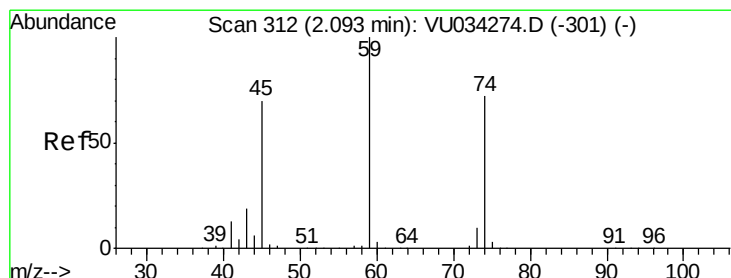
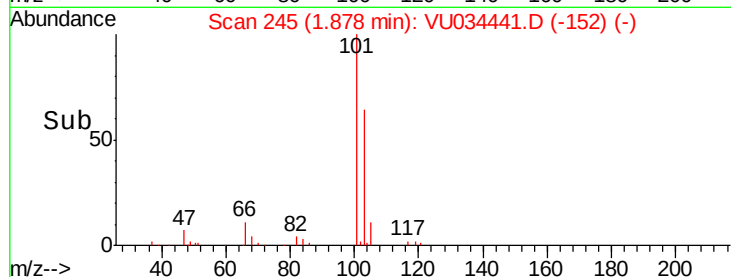
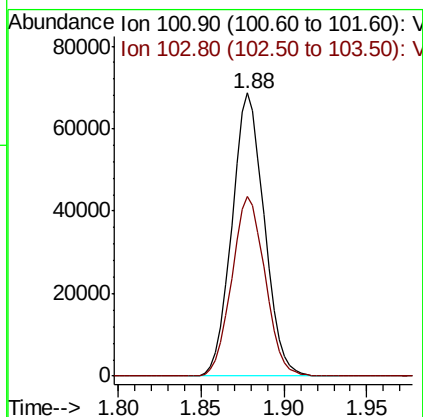
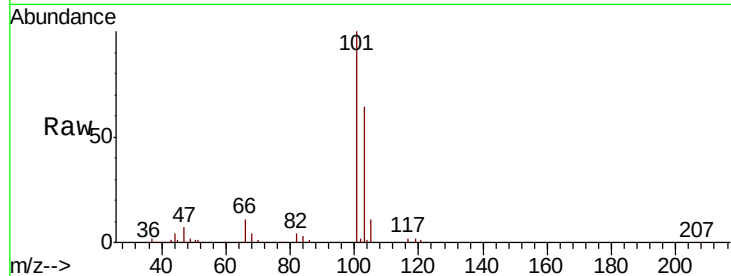


#7

Trichlorofluoromethane
 Concen: 20.957 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

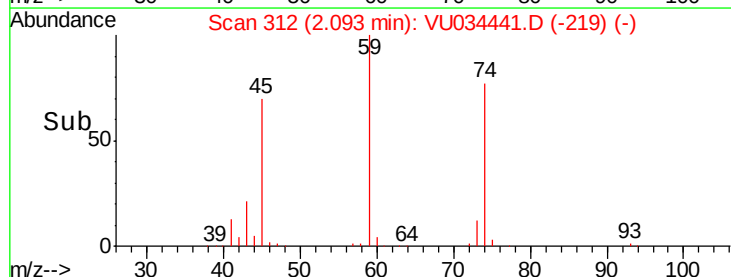
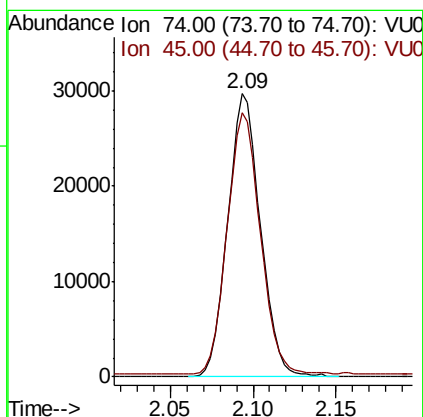
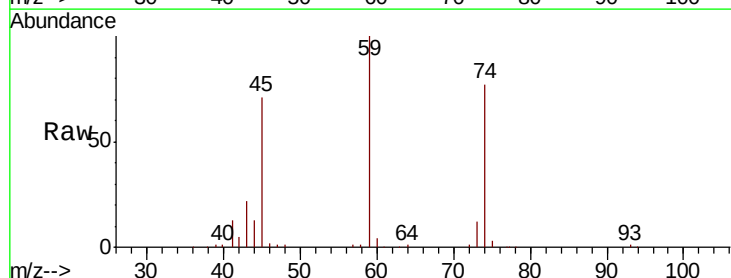
Tgt Ion:101 Resp: 92874
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.0 76.6

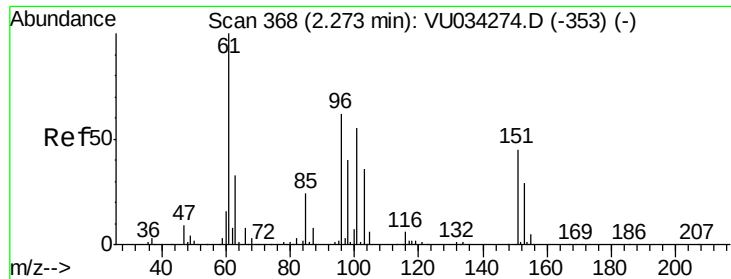


#8

Diethyl Ether
 Concen: 20.907 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion: 74 Resp: 40756
 Ion Ratio Lower Upper
 74 100
 45 93.5 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.787 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

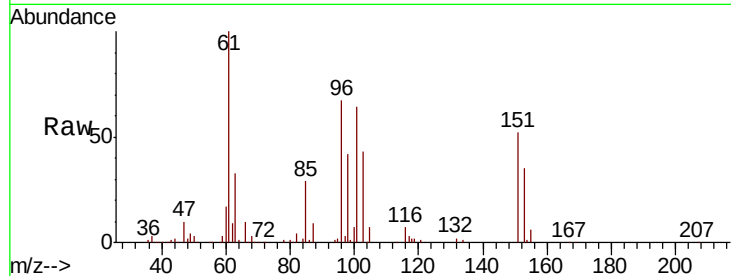
Tgt Ion:101 Resp: 61016

Ion Ratio Lower Upper

101 100

85 43.5 34.4 51.6

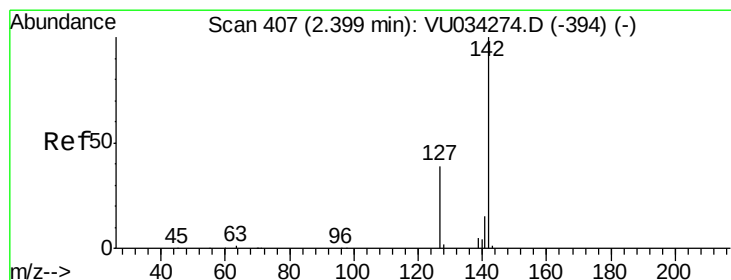
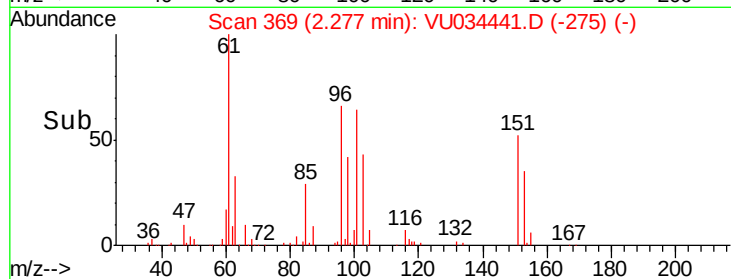
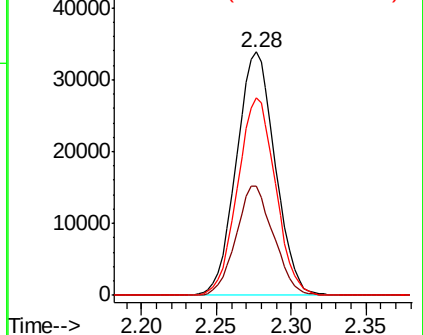
151 79.4 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.522 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

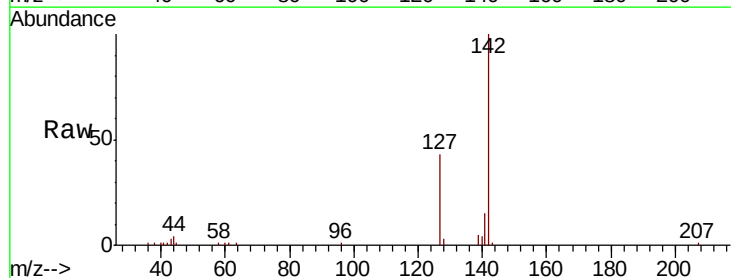
Tgt Ion:142 Resp: 36876

Ion Ratio Lower Upper

142 100

127 43.1 32.1 48.1

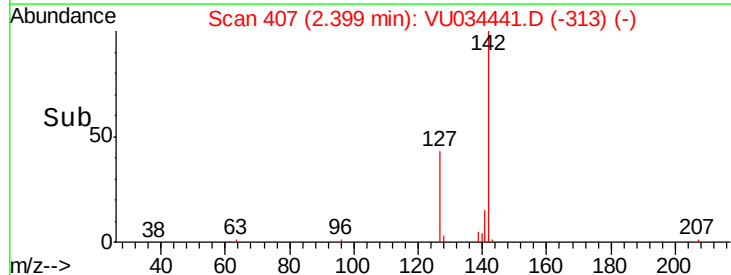
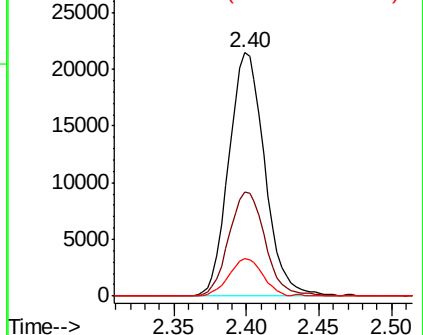
141 14.4 11.5 17.3

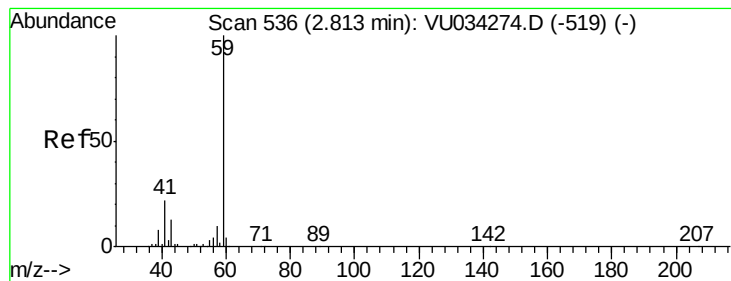


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



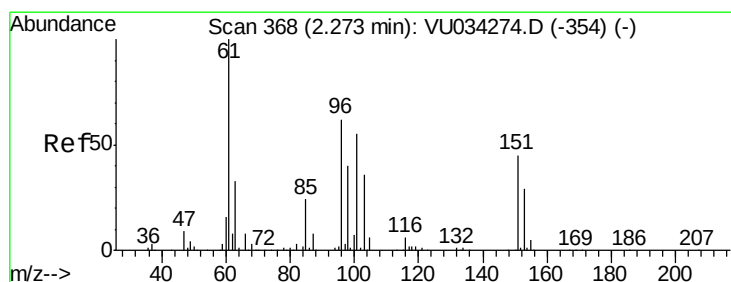
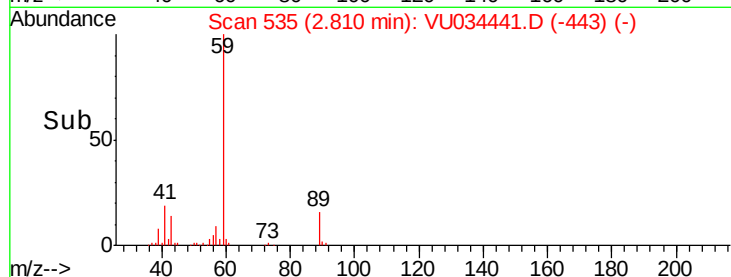
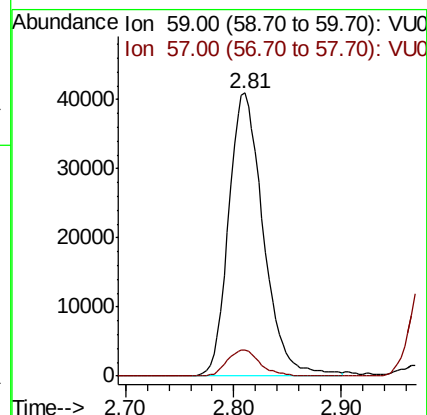
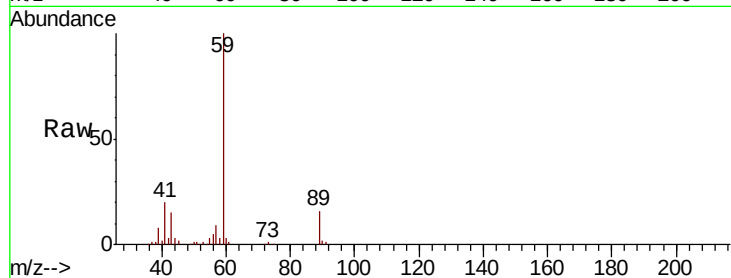


#11

Tert butyl alcohol
 Concen: 113.475 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

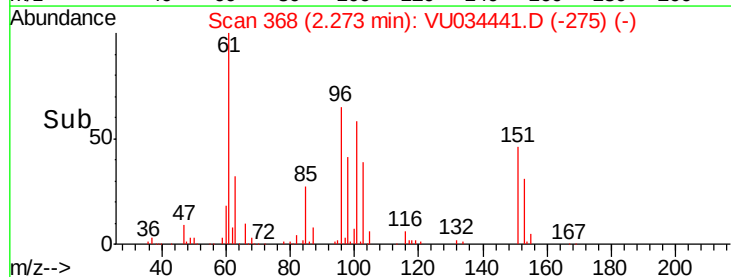
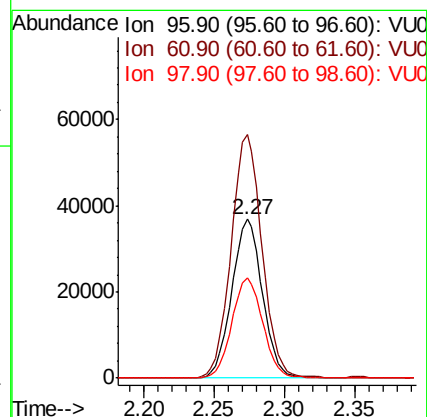
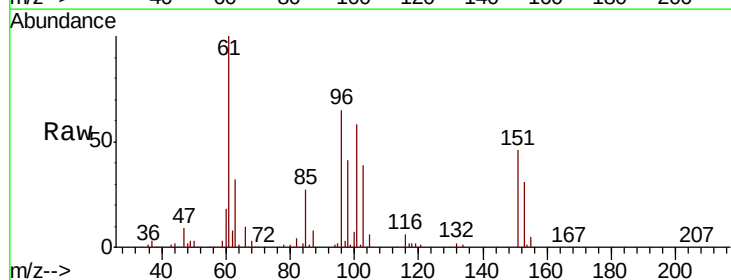
Tgt Ion: 59 Resp: 91990
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.9 11.9

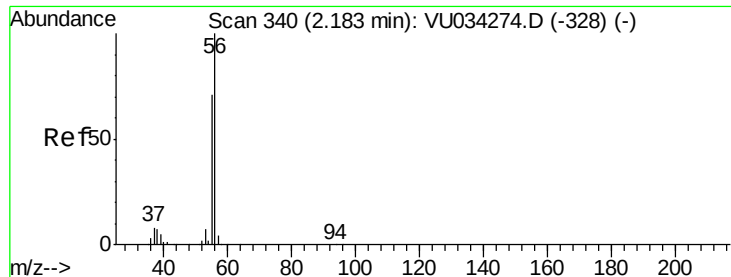


#12

1,1-Dichloroethene
 Concen: 20.354 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion: 96 Resp: 56163
 Ion Ratio Lower Upper
 96 100
 61 153.4 130.0 195.0
 98 62.8 52.2 78.4





#13

Acrolein

Concen: 66.795 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

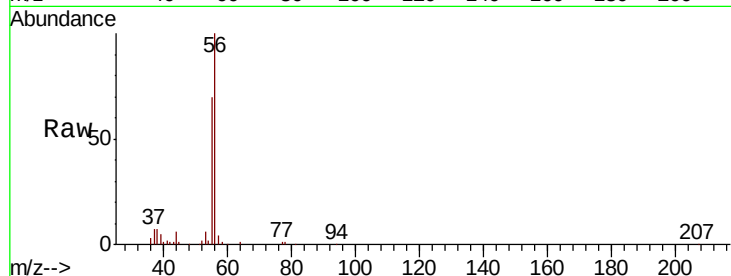
VU0910WBS01

Tgt Ion: 56 Resp: 45511

Ion Ratio Lower Upper

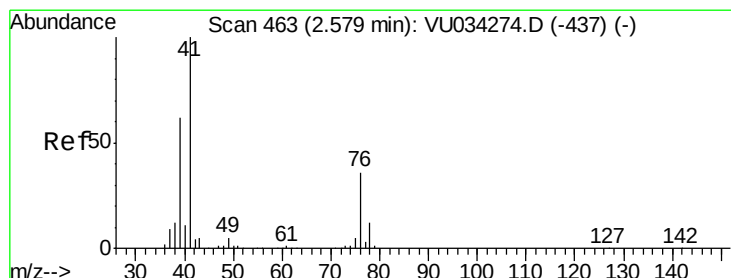
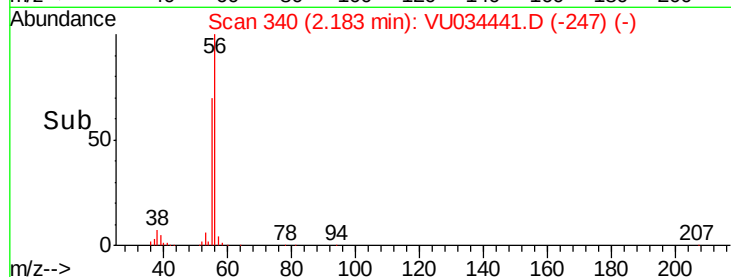
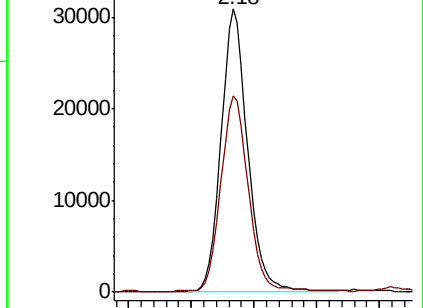
56 100

55 72.0 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU034441.D (-247) (-)

Ion 55.00 (54.70 to 55.70): VU034441.D (-247) (-)



#14

Allyl chloride

Concen: 17.201 ug/l

RT: 2.58 min Scan# 464

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

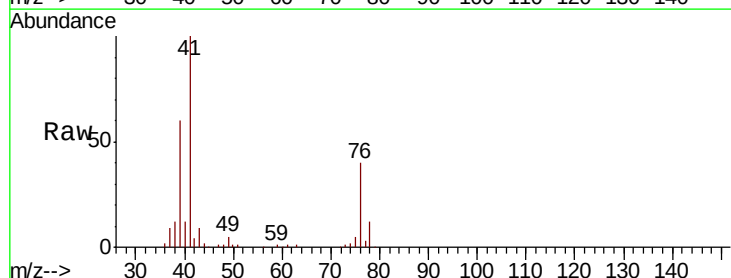
Tgt Ion: 41 Resp: 90740

Ion Ratio Lower Upper

41 100

39 59.2 43.5 65.3

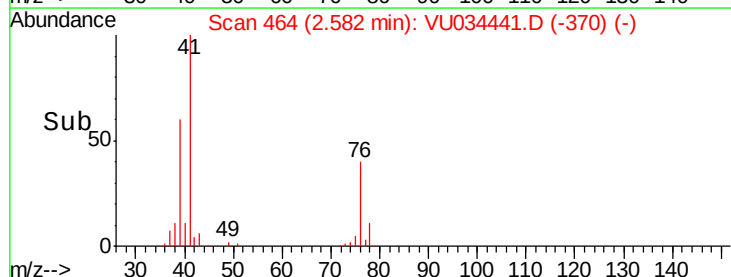
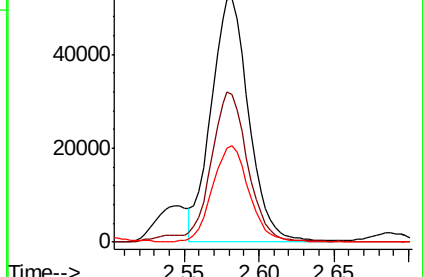
76 38.1 27.0 40.6

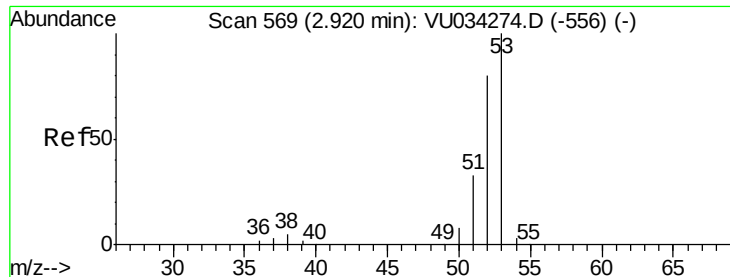


Abundance Ion 41.00 (40.70 to 41.70): VU034441.D (-370) (-)

Ion 39.00 (38.70 to 39.70): VU034441.D (-370) (-)

Ion 75.90 (75.60 to 76.60): VU034441.D (-370) (-)





#15

Acrylonitrile

Concen: 104.495 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

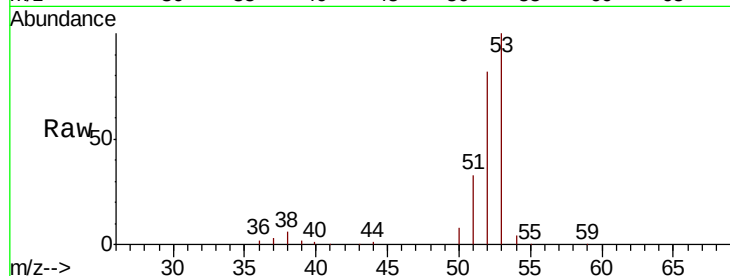
Tgt Ion: 53 Resp: 210950

Ion Ratio Lower Upper

53 100

52 81.6 64.1 96.1

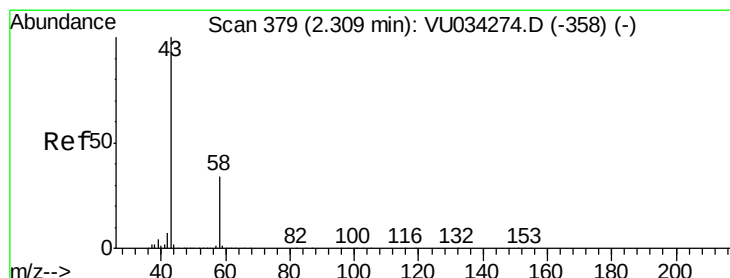
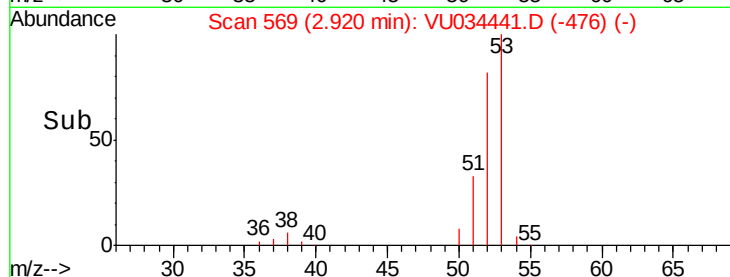
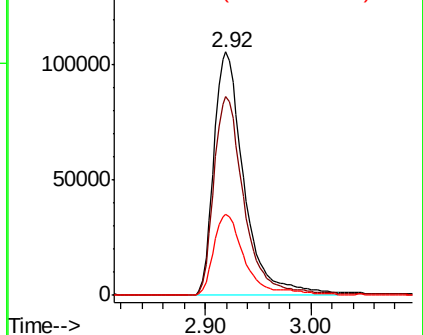
51 34.9 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 92.946 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034441.D

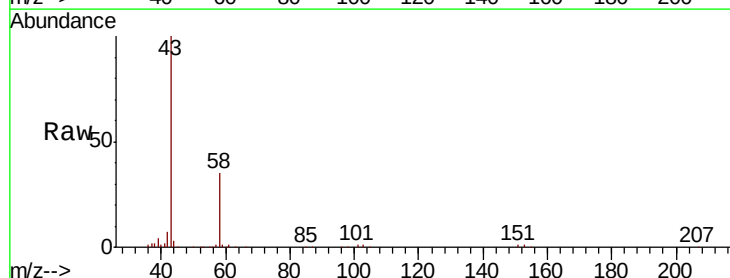
Acq: 10 Sep 2019 11:19

Tgt Ion: 43 Resp: 184567

Ion Ratio Lower Upper

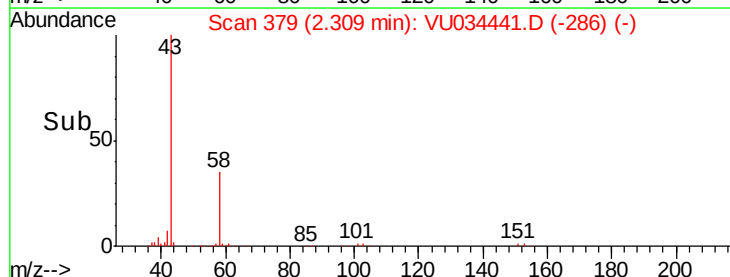
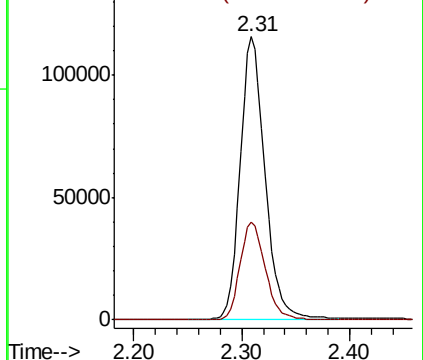
43 100

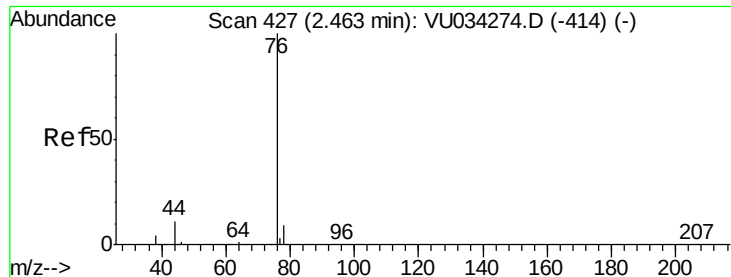
58 34.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

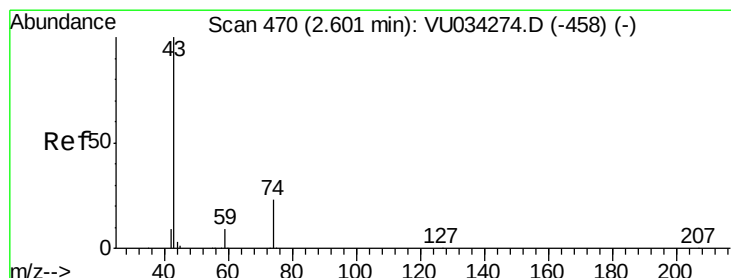
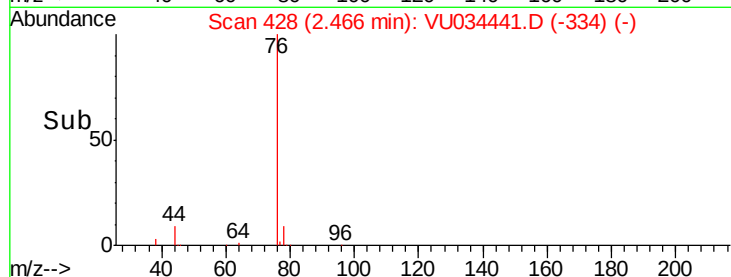
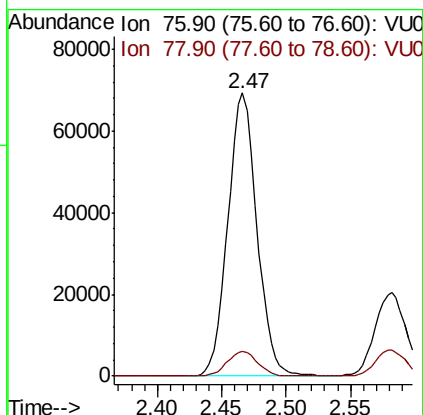
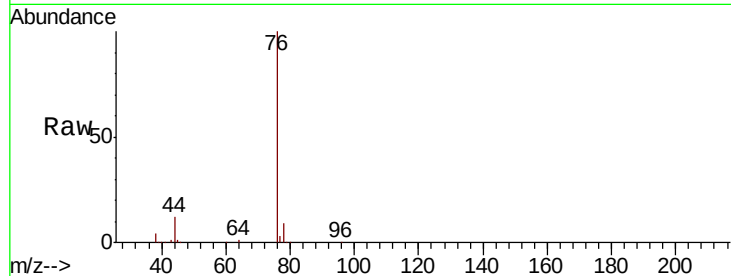




#17
Carbon Disulfide
Concen: 17.545 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

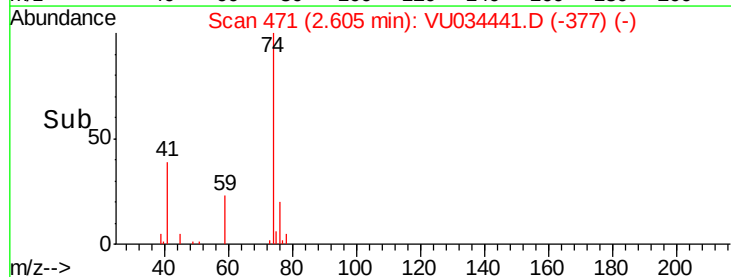
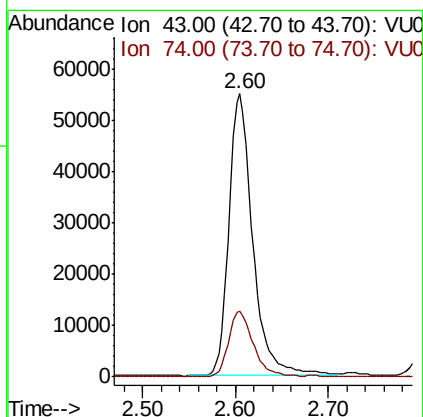
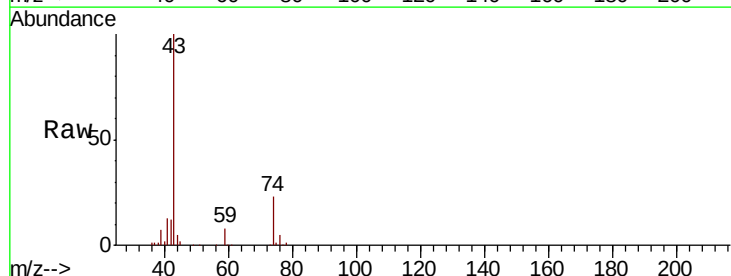
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

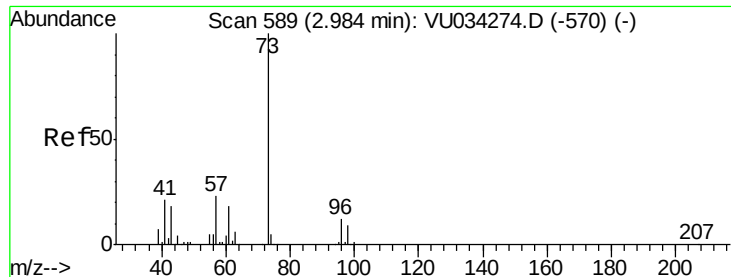
Tgt Ion: 76 Resp: 108808
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 20.347 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion: 43 Resp: 98316
Ion Ratio Lower Upper
43 100
74 24.1 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 21.278 ug/l

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampled :

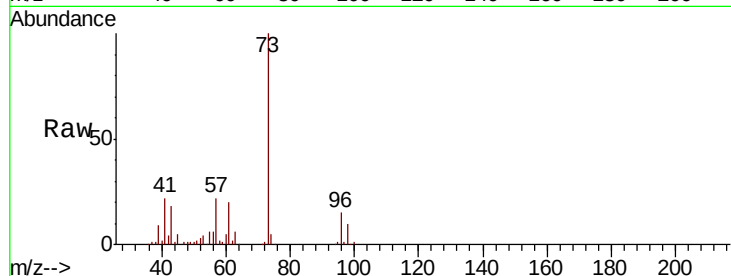
VU0910WBS01

Tgt Ion: 73 Resp: 214002

Ion Ratio Lower Upper

73 100

57 22.2 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.98

100000

80000

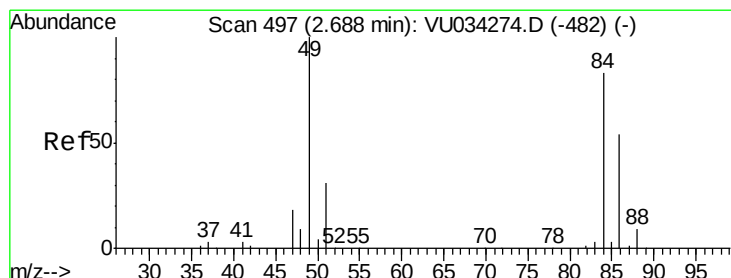
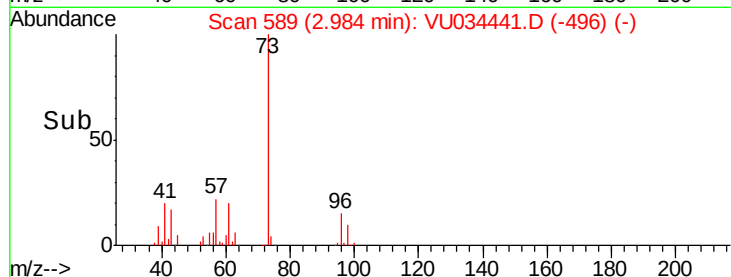
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 22.529 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Tgt Ion: 84 Resp: 73989

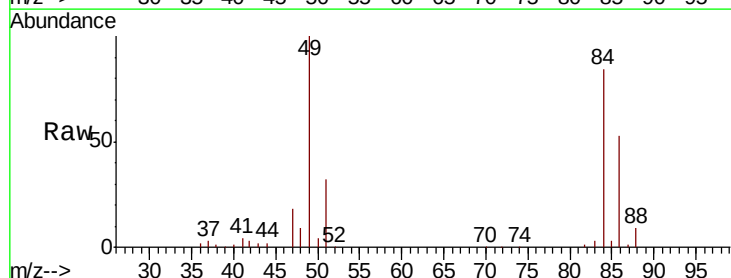
Ion Ratio Lower Upper

84 100

49 119.3 96.0 144.0

51 37.6 30.0 45.0

86 62.9 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

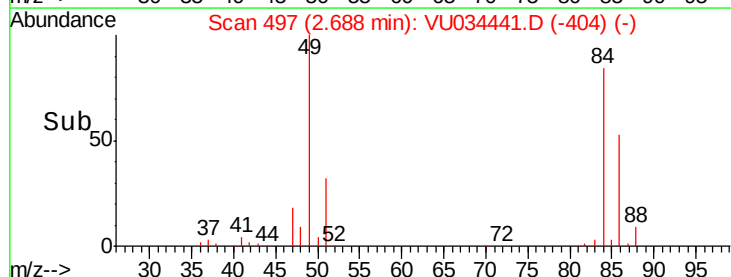
60000

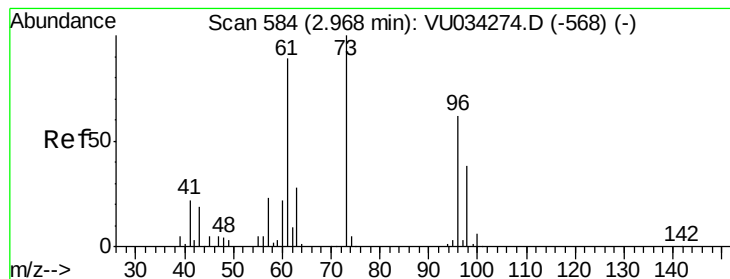
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 20.300 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

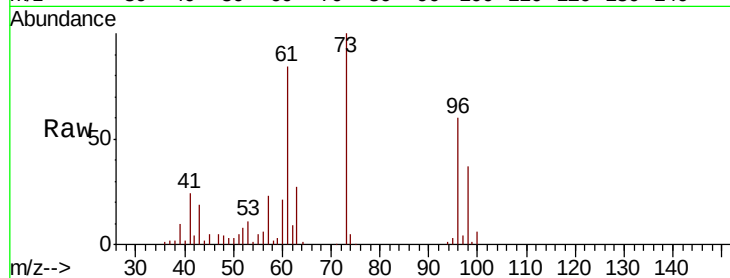
Tgt Ion: 96 Resp: 59029

Ion Ratio Lower Upper

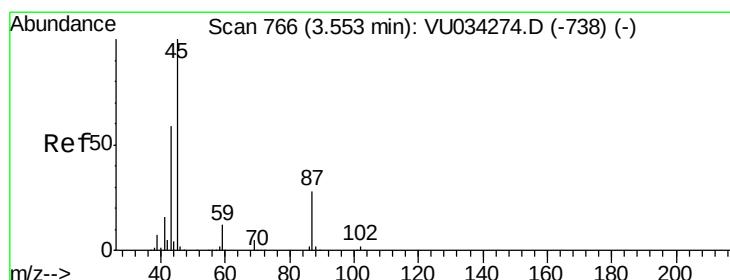
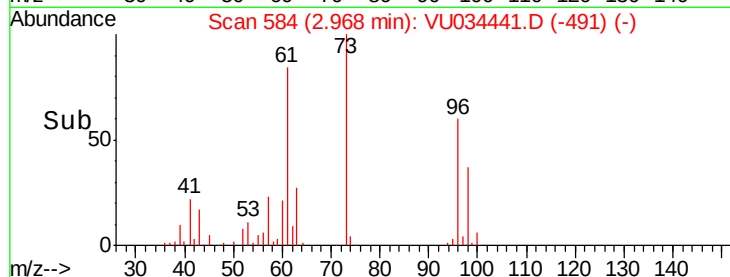
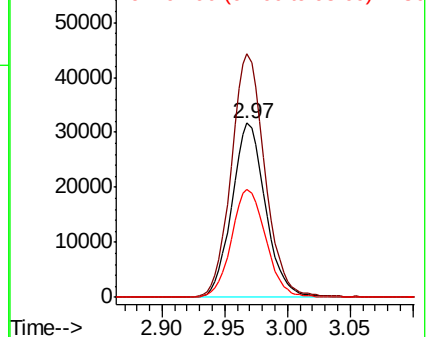
96 100

61 139.9 114.8 172.2

98 61.8 49.8 74.8



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



#22

Diisopropyl ether

Concen: 21.734 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Tgt Ion: 45 Resp: 223588

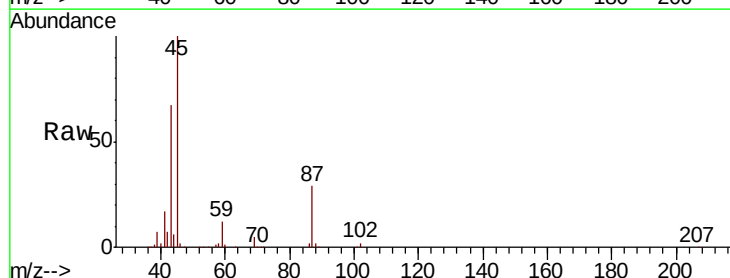
Ion Ratio Lower Upper

45 100

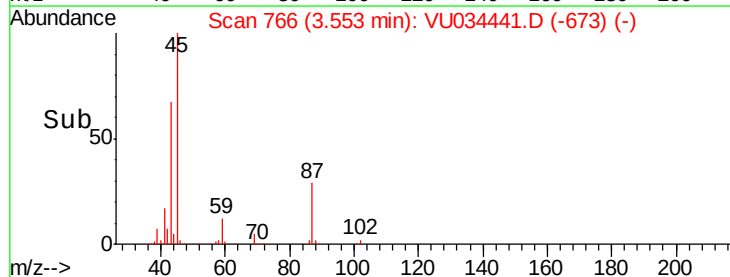
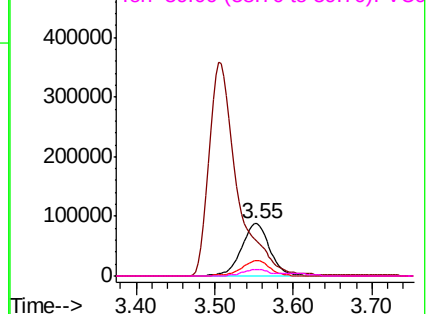
43 66.1 47.5 71.3

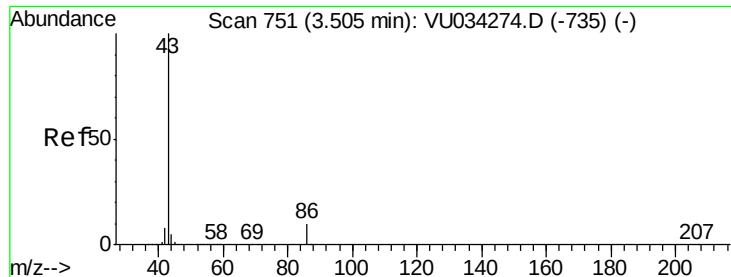
87 29.0 22.2 33.4

59 12.1 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 105.988 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

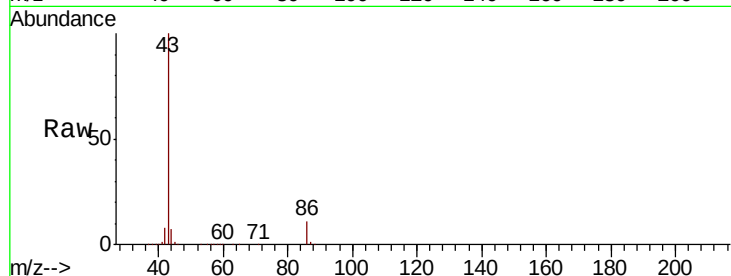
VU0910WBS01

Tgt Ion: 43 Resp: 888160

Ion Ratio Lower Upper

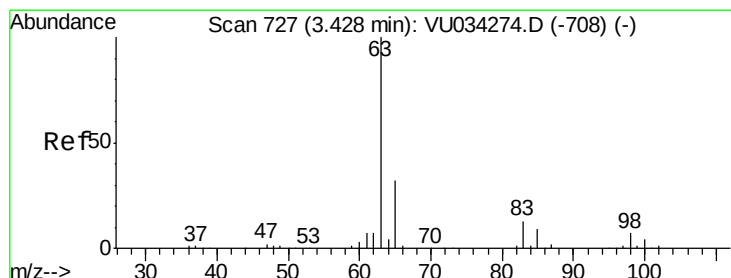
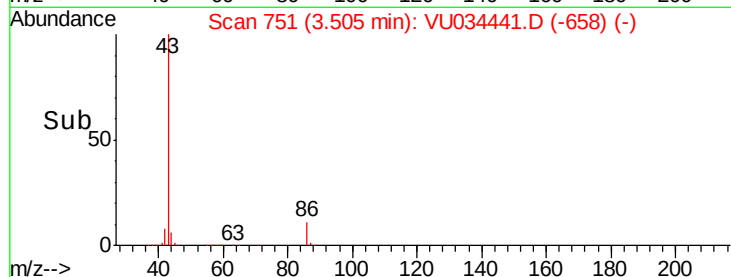
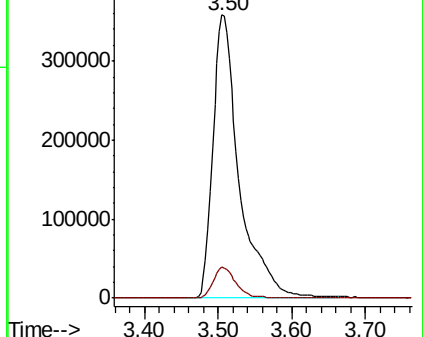
43 100

86 10.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034441.D (-658) (-)

Ion 86.00 (85.70 to 86.70): VU034441.D (-658) (-)



#24

1,1-Dichloroethane

Concen: 21.118 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

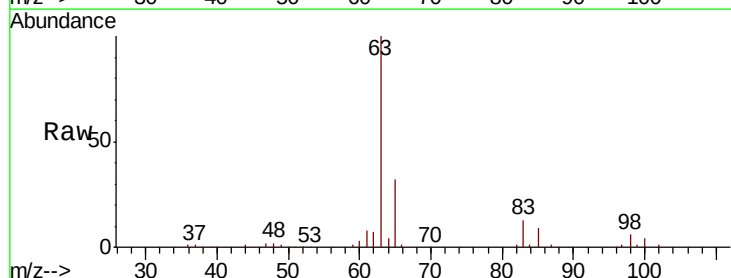
Tgt Ion: 63 Resp: 129744

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

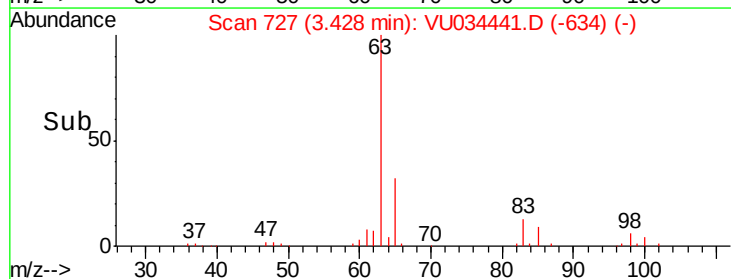
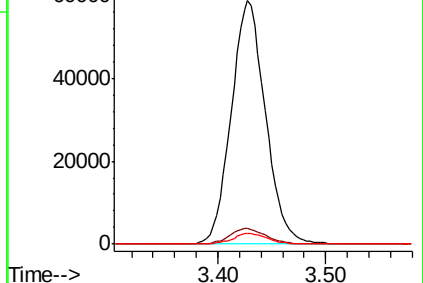
100 4.3 2.1 6.5

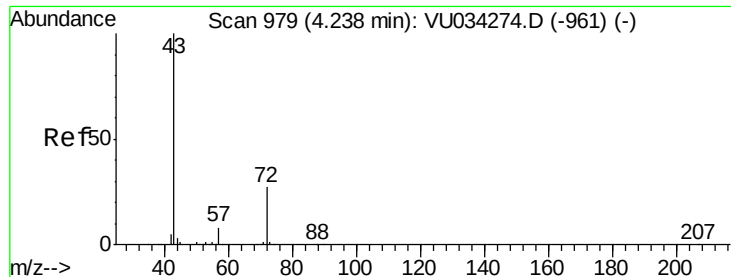


Abundance Ion 62.90 (62.60 to 63.60): VU034441.D (-634) (-)

Ion 97.90 (97.60 to 98.60): VU034441.D (-634) (-)

Ion 99.90 (99.60 to 100.60): VU034441.D (-634) (-)





#25

2-Butanone

Concen: 103.404 ug/l

RT: 4.24 min Scan# 979

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

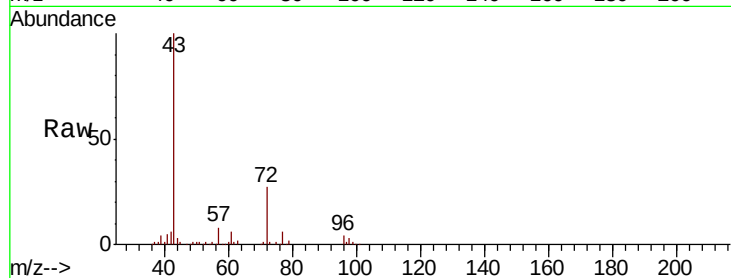
VU0910WBS01

Tgt Ion: 43 Resp: 274093

Ion Ratio Lower Upper

43 100

72 26.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VU034274.D (-961) (-)

4.24

120000

100000

80000

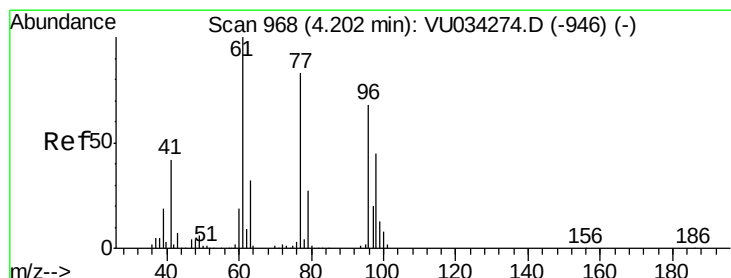
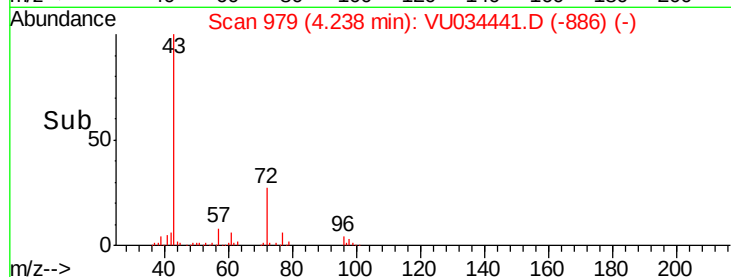
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 20.620 ug/l

RT: 4.21 min Scan# 969

Delta R.T. 0.00 min

Lab File: VU034441.D

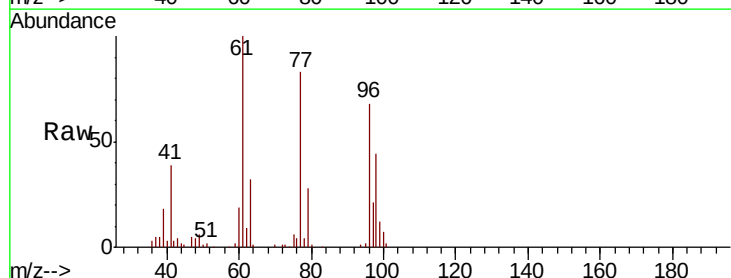
Acq: 10 Sep 2019 11:19

Tgt Ion: 77 Resp: 101888

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034274.D (-946) (-)

Ion 96.90 (96.60 to 97.60): VU034274.D (-946) (-)

4.21

40000

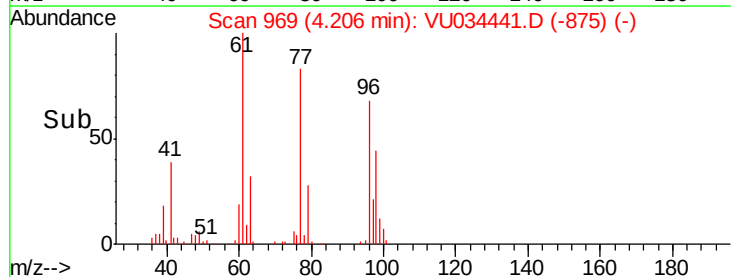
30000

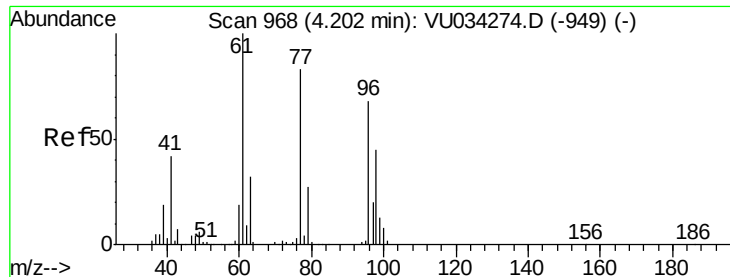
20000

10000

0

Time-->



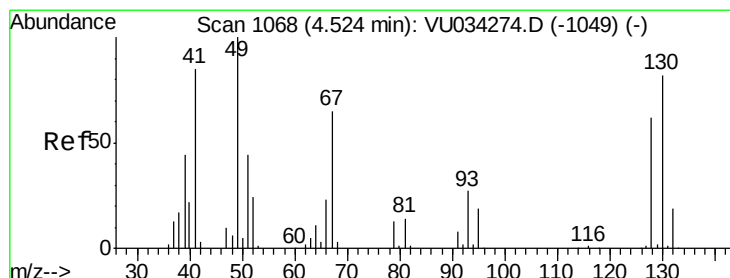
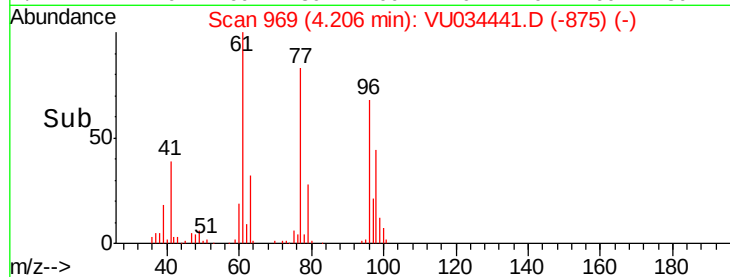
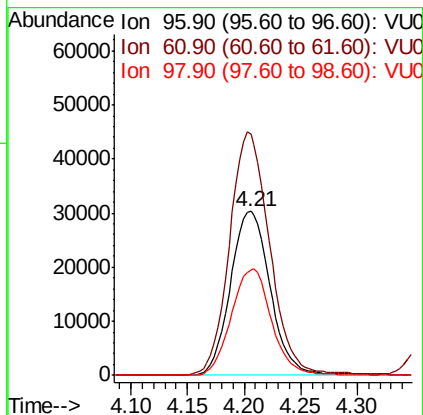
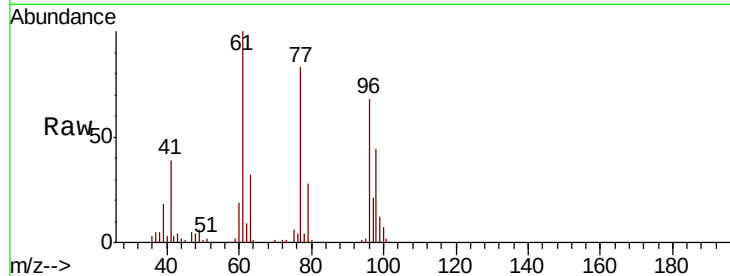


#27

cis-1,2-Dichloroethene
 Concen: 20.980 ug/l
 RT: 4.21 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

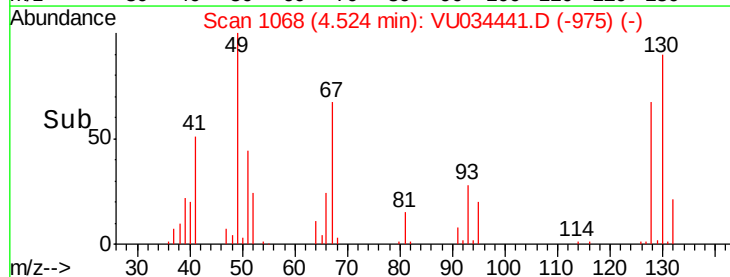
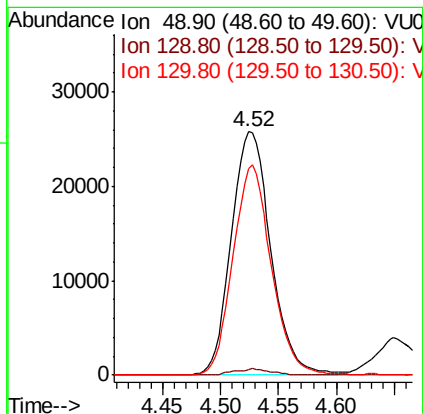
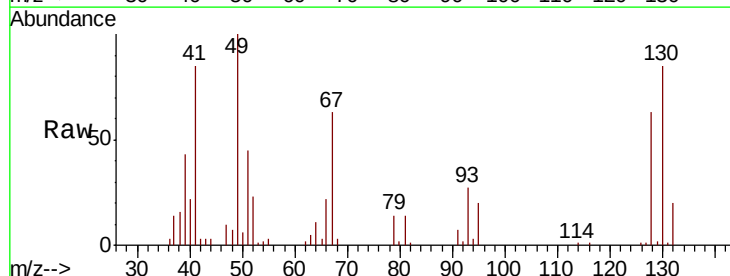
Tgt Ion: 96 Resp: 74092
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 297.4
 98 65.7 0.0 130.0

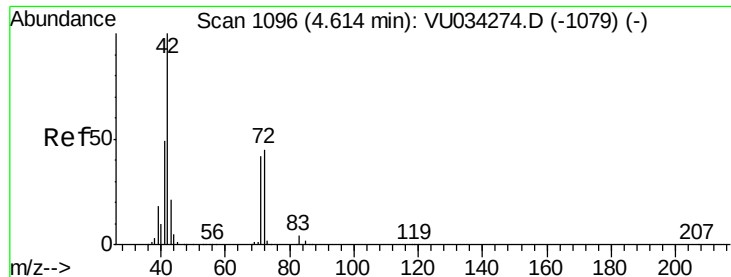


#28

Bromochloromethane
 Concen: 21.569 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion: 49 Resp: 60951
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 83.8 65.2 97.8

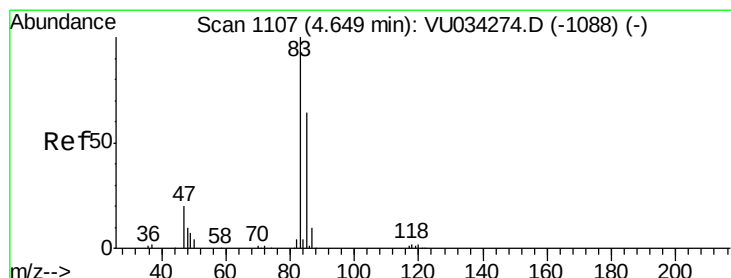
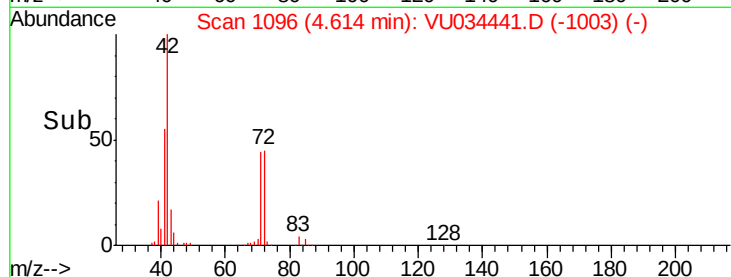
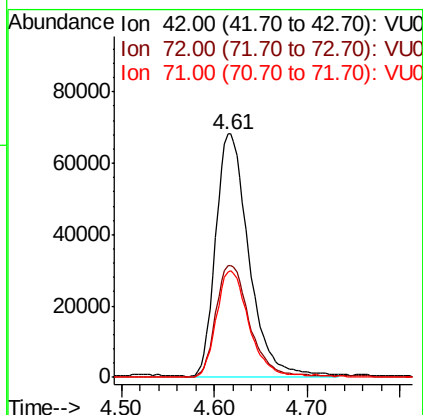
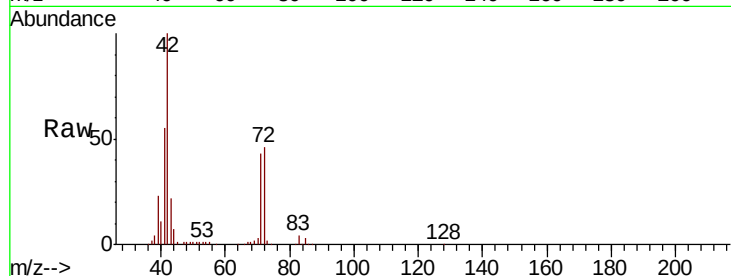




#29
Tetrahydrofuran
Concen: 104.758 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

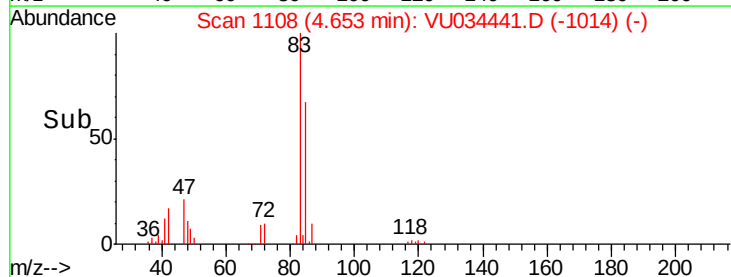
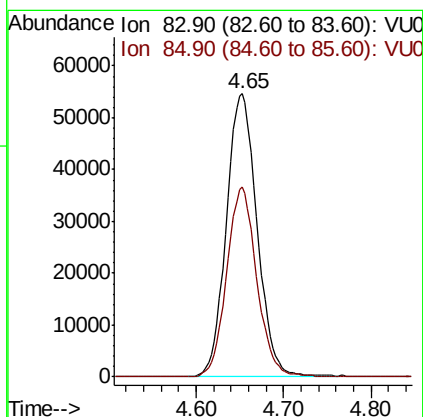
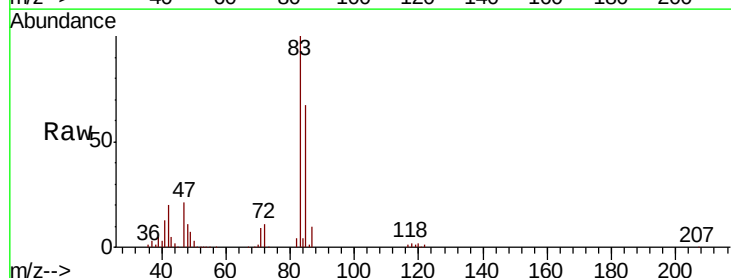
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

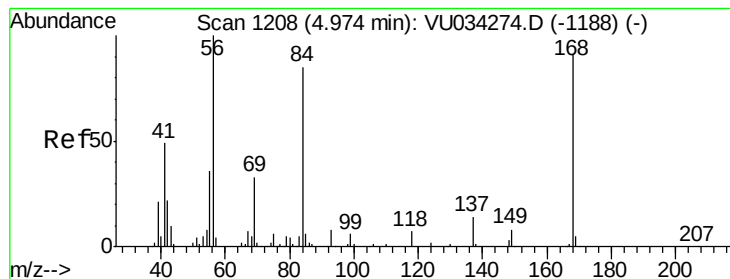
Tgt Ion: 42 Resp: 168972
Ion Ratio Lower Upper
42 100
72 47.1 36.6 54.8
71 43.2 34.3 51.5



#30
Chloroform
Concen: 21.338 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion: 83 Resp: 133254
Ion Ratio Lower Upper
83 100
85 67.1 51.5 77.3





#31

Cyclohexane

Concen: 19.690 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

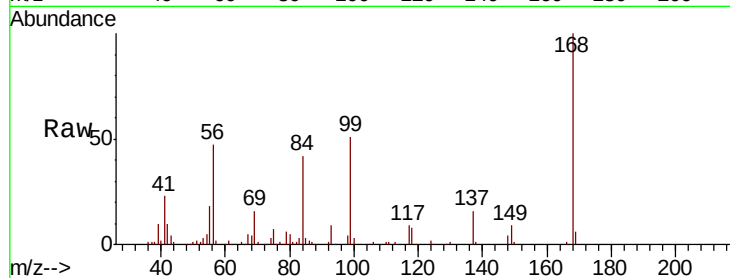
Tgt Ion: 56 Resp: 88498

Ion Ratio Lower Upper

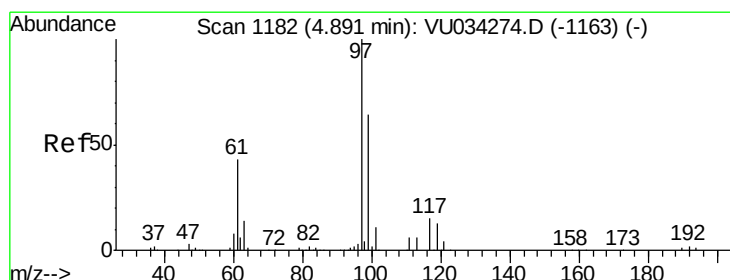
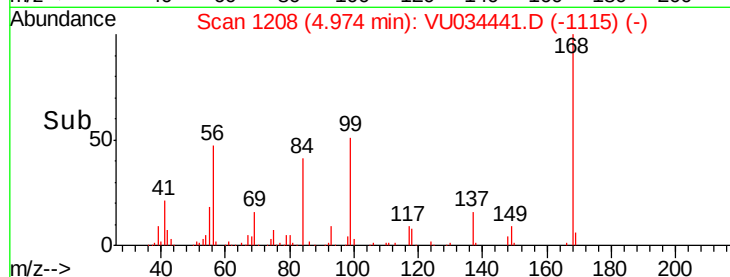
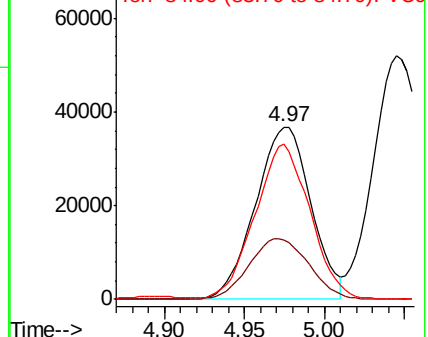
56 100

69 34.2 26.7 40.1

84 89.1 68.2 102.4



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



#32

1,1,1-Trichloroethane

Concen: 21.407 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

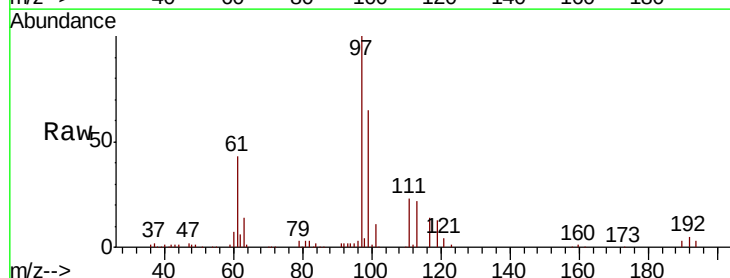
Tgt Ion: 97 Resp: 106882

Ion Ratio Lower Upper

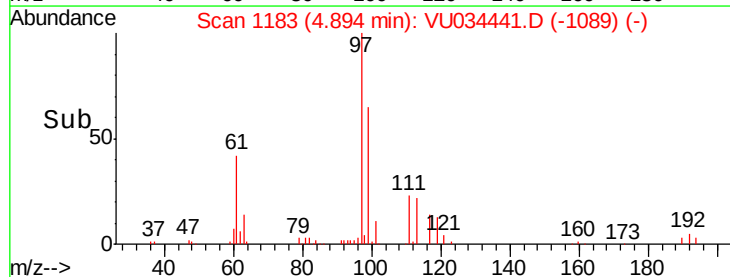
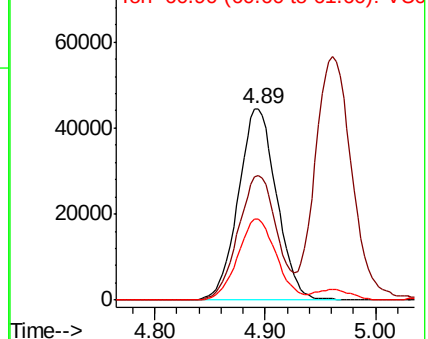
97 100

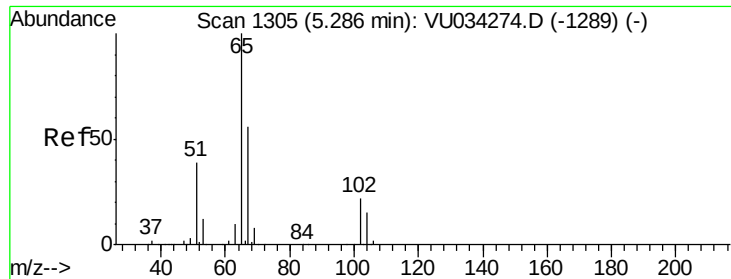
99 65.7 50.9 76.3

61 42.7 34.7 52.1



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

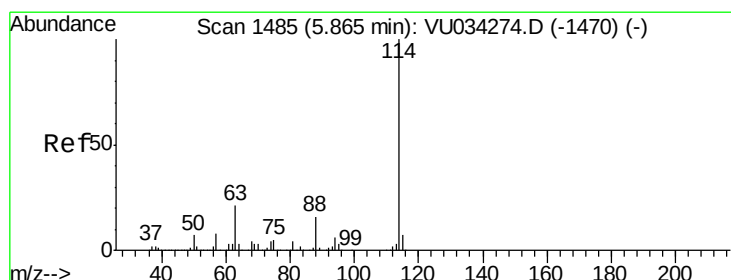
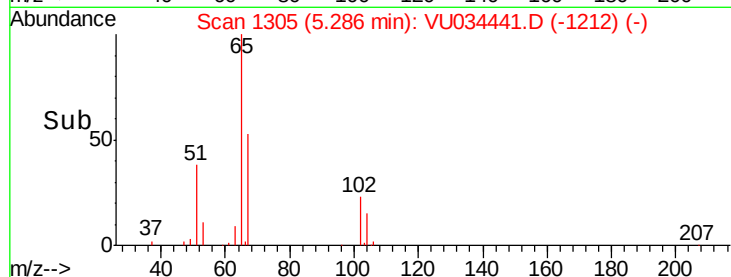
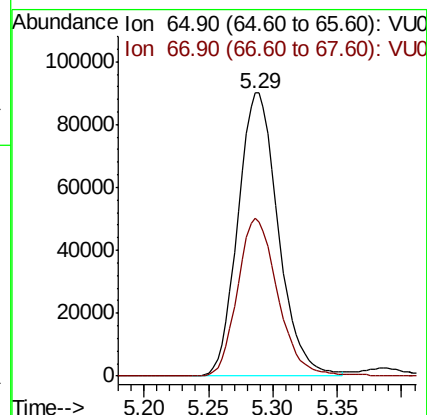
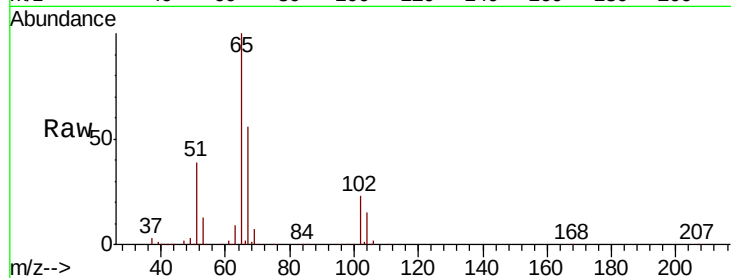




#33
 1,2-Dichloroethane-d4
 Concen: 51.019 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

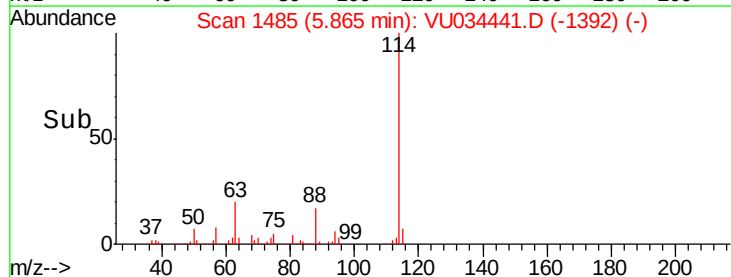
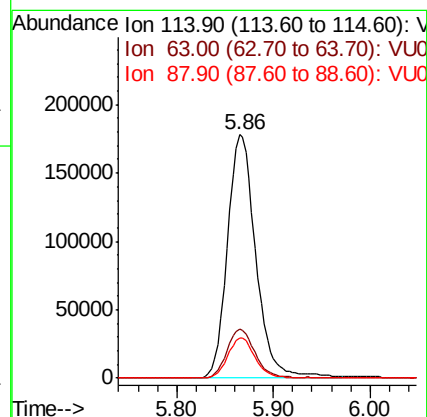
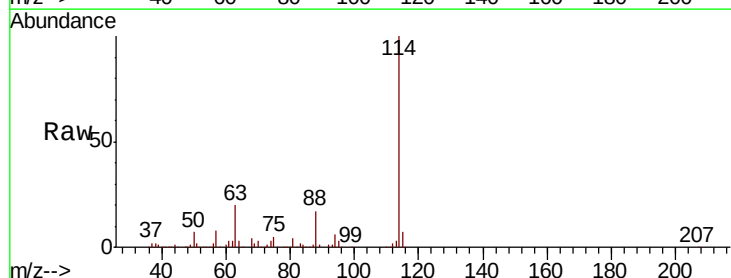
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

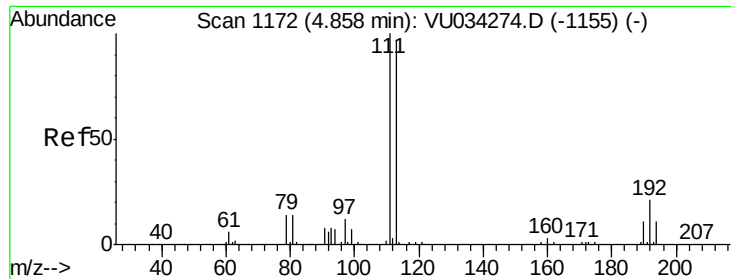
Tgt Ion: 65 Resp: 195773
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion: 114 Resp: 363607
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 16.7 0.0 32.4

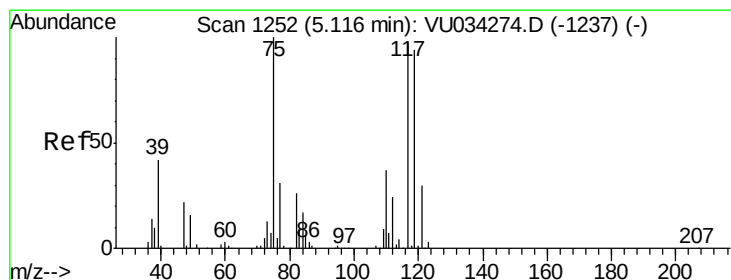
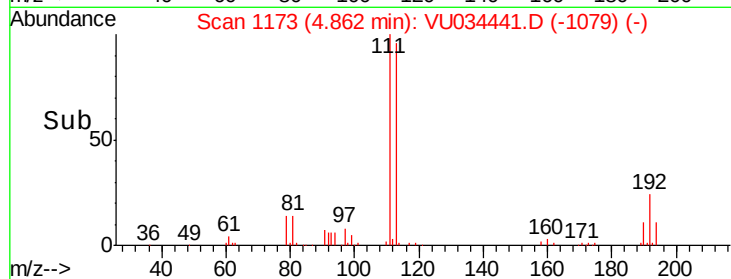
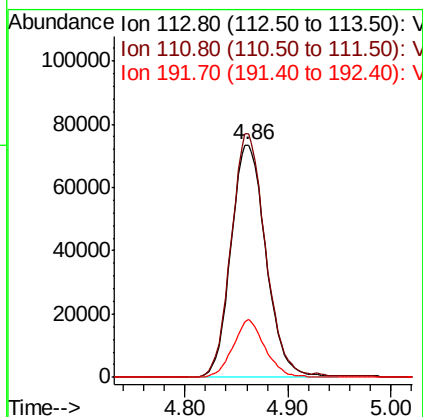
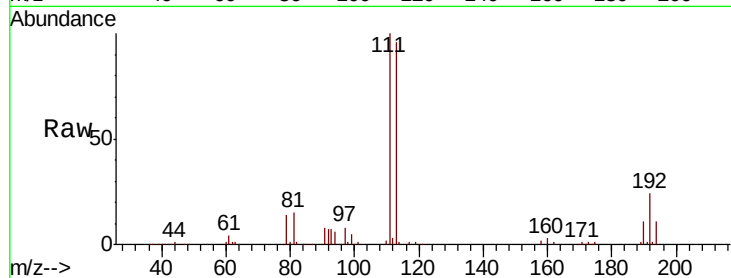




#35
 Dibromofluoromethane
 Concen: 51.238 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

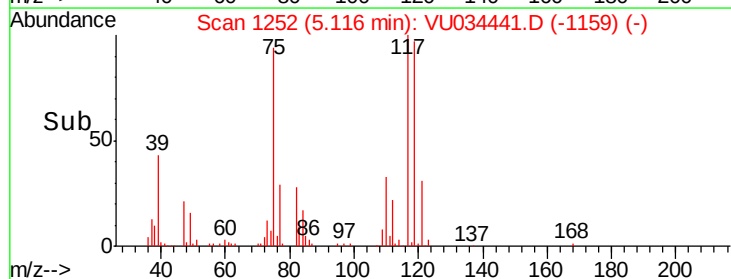
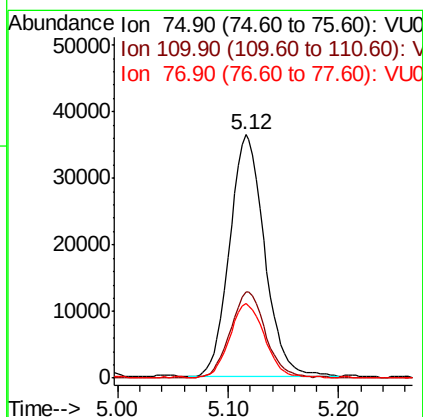
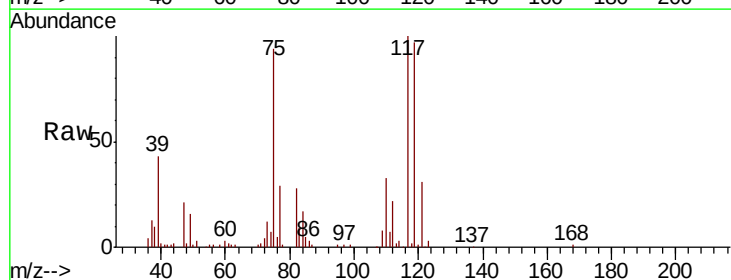
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

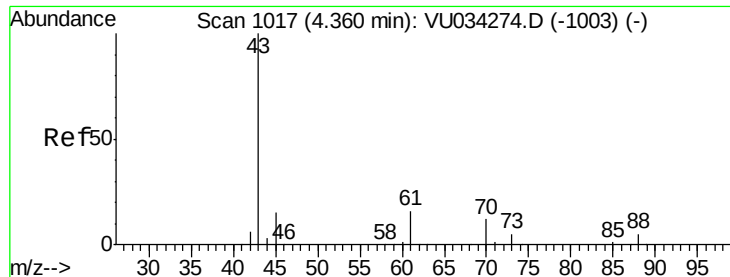
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.5	122.3
192	22.6	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 20.164 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.3	54.9
77	31.5	24.9	37.3





#37

Ethyl Acetate

Concen: 21.381 ug/l

RT: 4.36 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

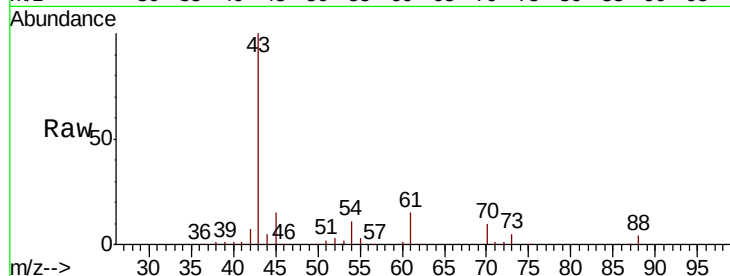
Tgt Ion: 43 Resp: 99687

Ion Ratio Lower Upper

43 100

61 14.6 12.3 18.5

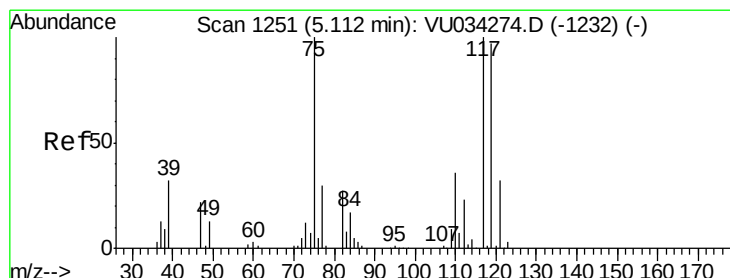
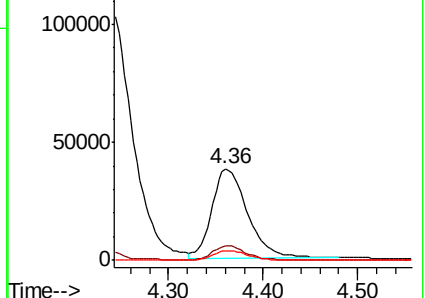
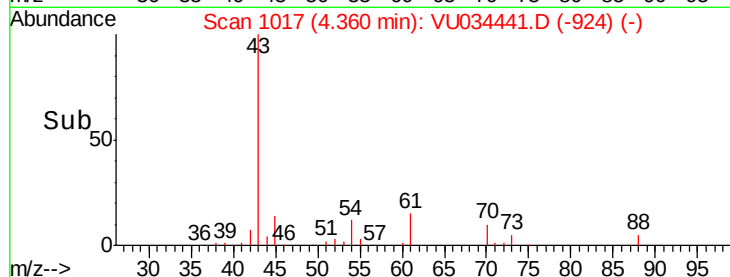
70 10.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VU034441.D (-924) (-)

Ion 60.90 (60.60 to 61.60): VU034441.D (-924) (-)

Ion 70.00 (69.70 to 70.70): VU034441.D (-924) (-)



#38

Carbon Tetrachloride

Concen: 21.718 ug/l

RT: 5.11 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

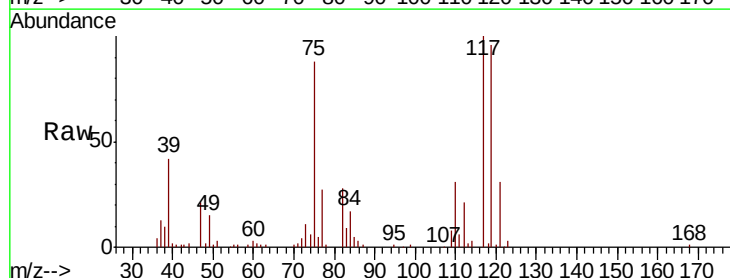
Tgt Ion: 117 Resp: 91444

Ion Ratio Lower Upper

117 100

119 95.9 77.8 116.6

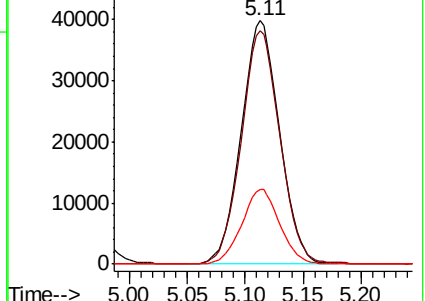
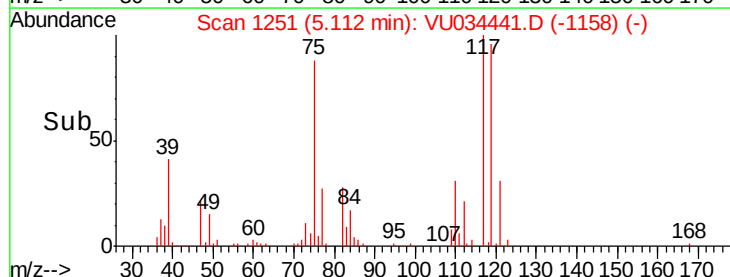
121 30.6 25.2 37.8

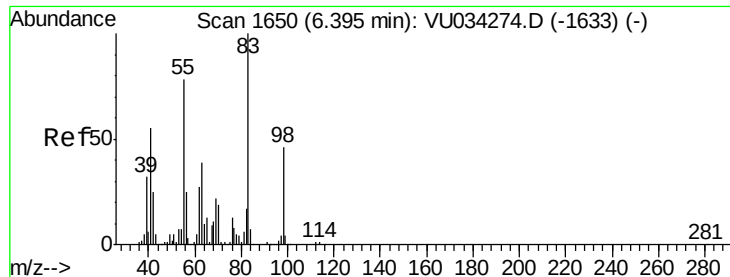


Abundance Ion 116.80 (116.50 to 117.50): VU034441.D (-1158) (-)

Ion 118.80 (118.50 to 119.50): VU034441.D (-1158) (-)

Ion 120.80 (120.50 to 121.50): VU034441.D (-1158) (-)

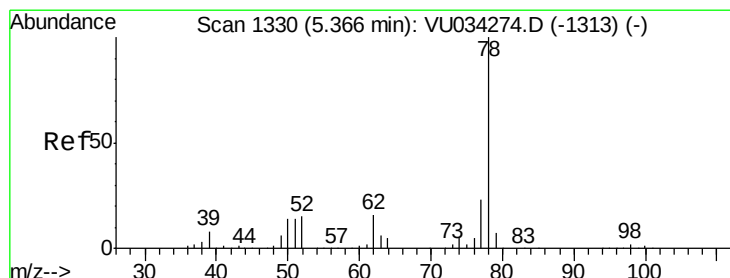
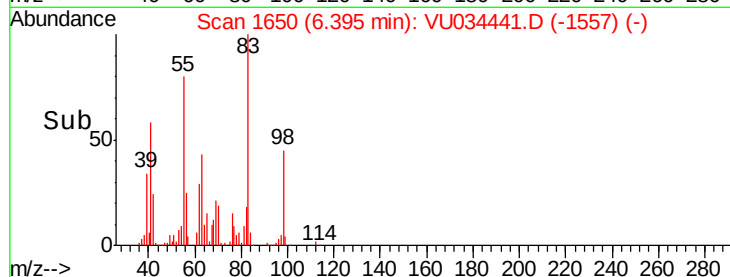
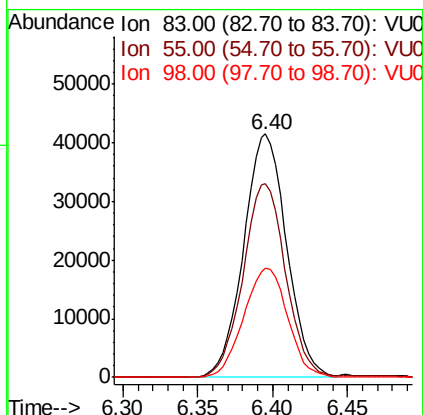
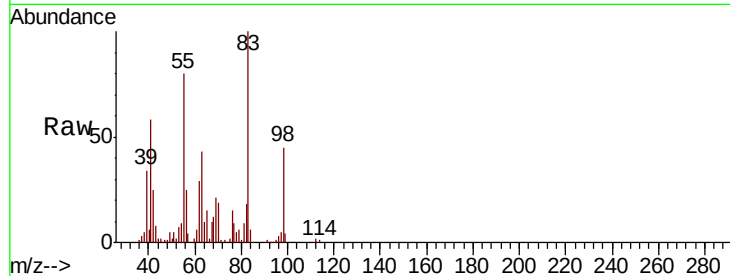




#39
Methylcyclohexane
Concen: 19.709 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

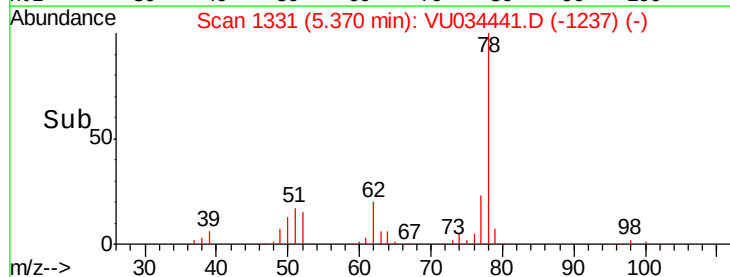
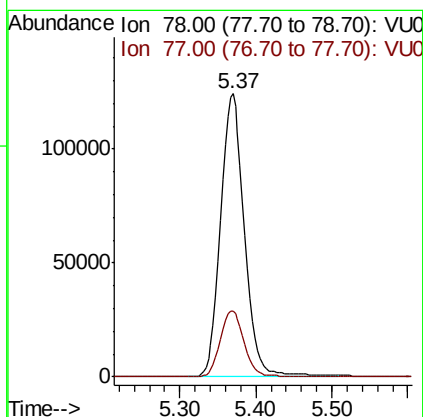
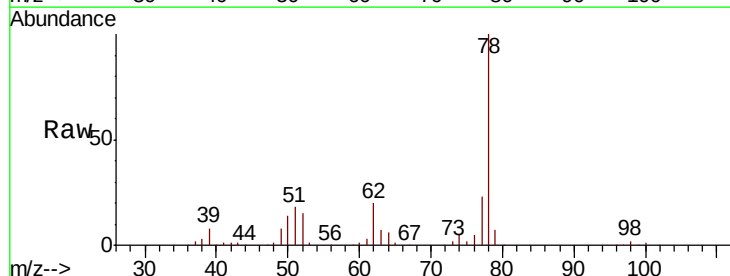
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

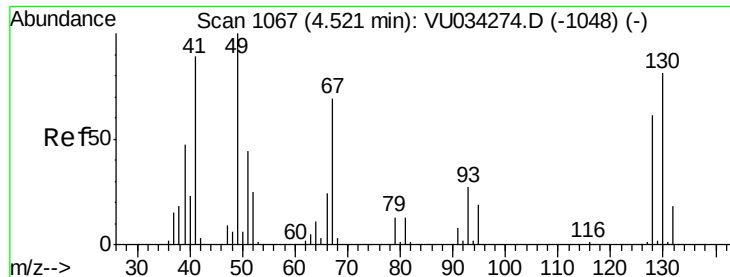
Tgt Ion: 83 Resp: 83081
Ion Ratio Lower Upper
83 100
55 79.6 62.1 93.1
98 45.1 37.0 55.6



#40
Benzene
Concen: 21.325 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion: 78 Resp: 271351
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

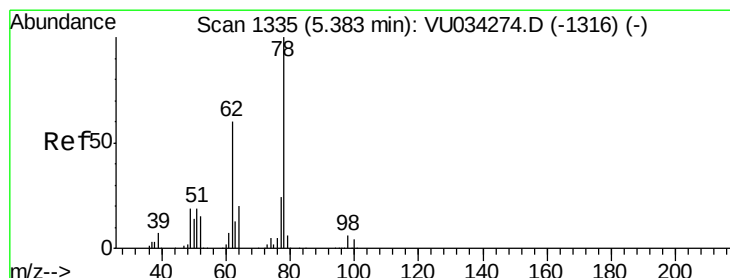
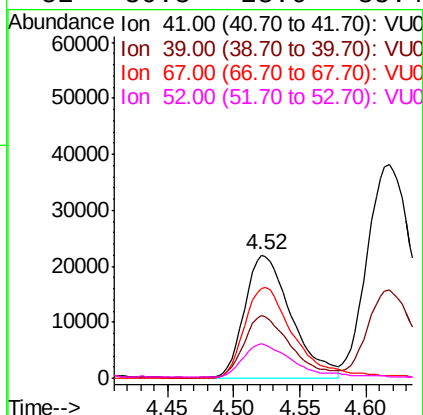
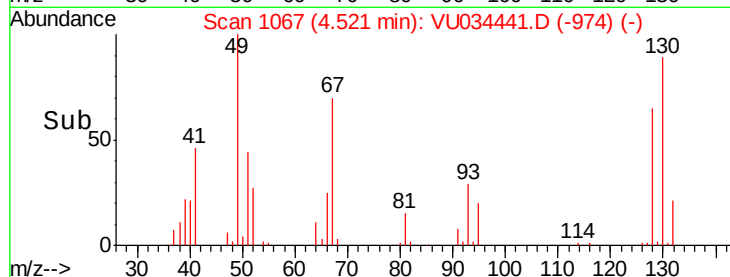
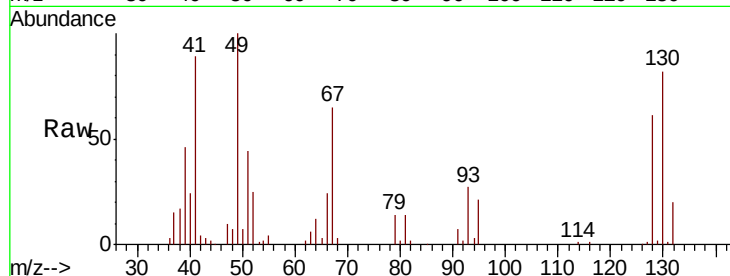




#41
Methacrylonitrile
Concen: 21.809 ug/l
RT: 4.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

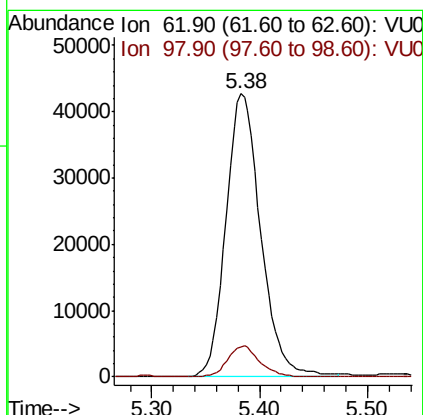
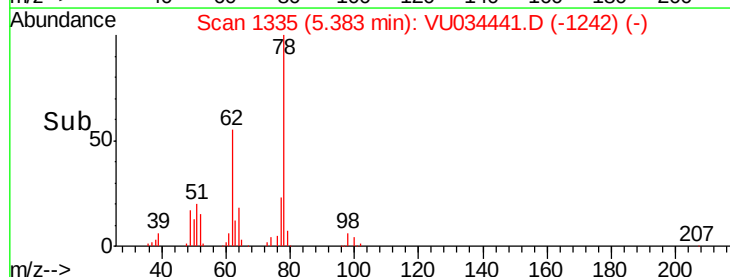
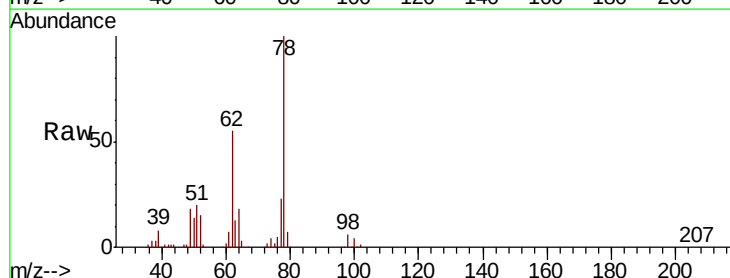
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

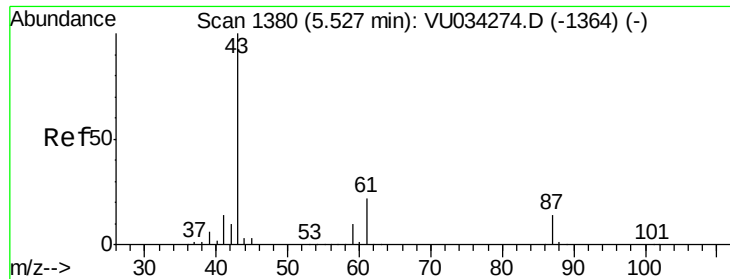
Tgt Ion:	41	Resp:	54162
Ion	Ratio	Lower	Upper
41	100		
39	51.1	41.0	61.4
67	78.8	62.4	93.6
52	30.3	23.6	35.4



#42
1,2-Dichloroethane
Concen: 21.771 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion:	62	Resp:	96180
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0





#43

Isopropyl Acetate

Concen: 20.770 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

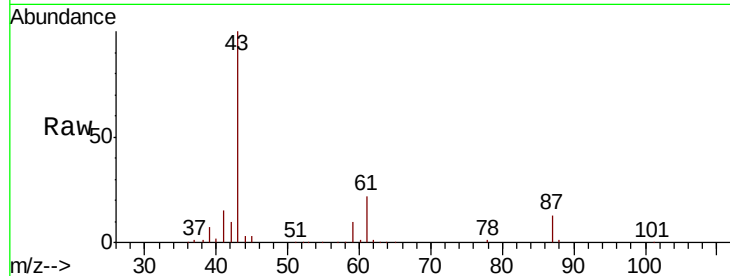
Tgt Ion: 43 Resp: 151064

Ion Ratio Lower Upper

43 100

61 21.8 17.1 25.7

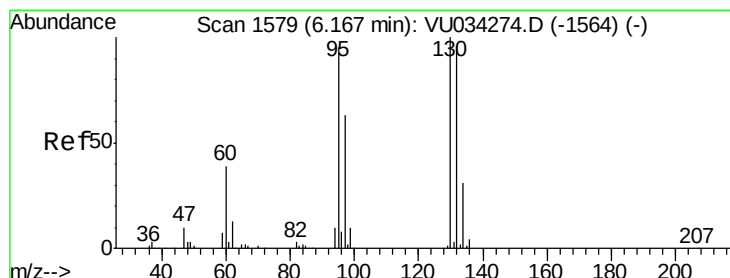
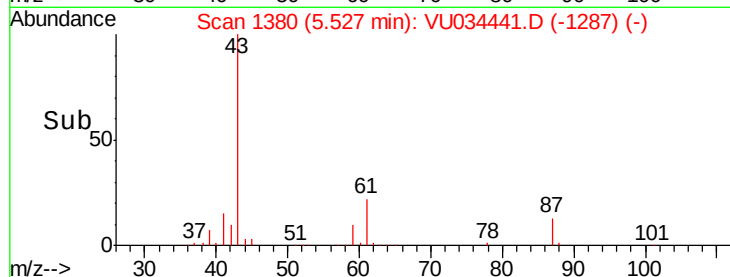
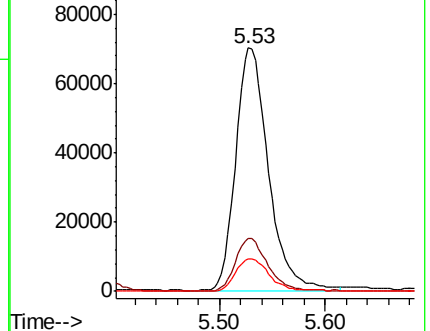
87 13.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034441.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034441.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034441.D (-1287) (-)



#44

Trichloroethene

Concen: 20.852 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034441.D

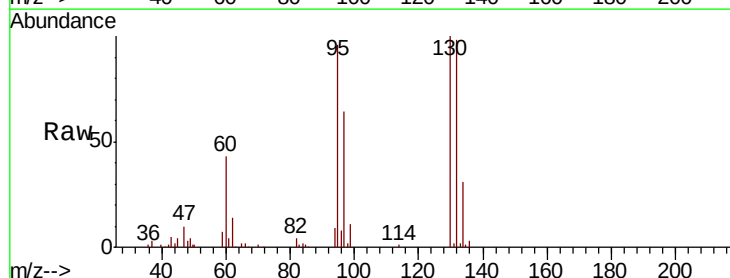
Acq: 10 Sep 2019 11:19

Tgt Ion: 130 Resp: 73421

Ion Ratio Lower Upper

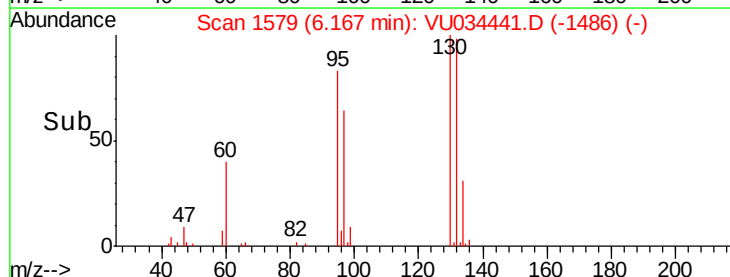
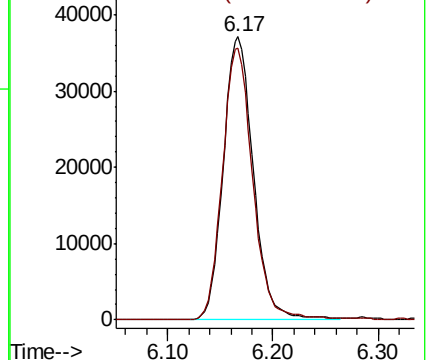
130 100

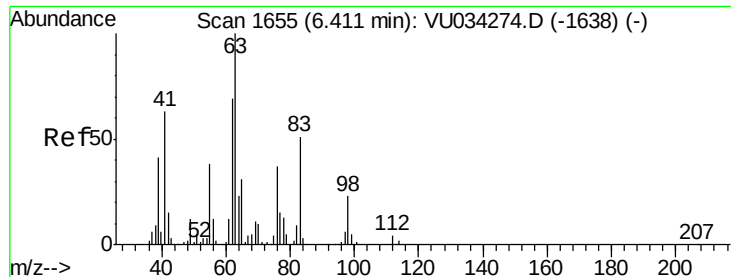
95 95.9 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034441.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034441.D (-1486) (-)

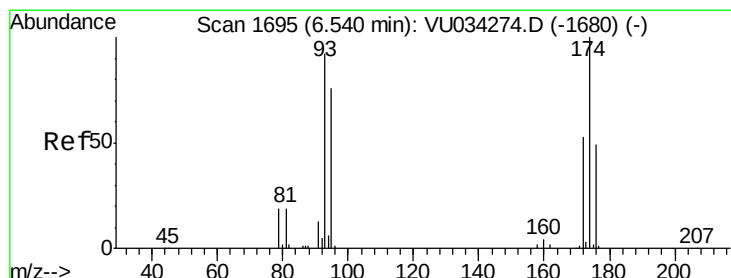
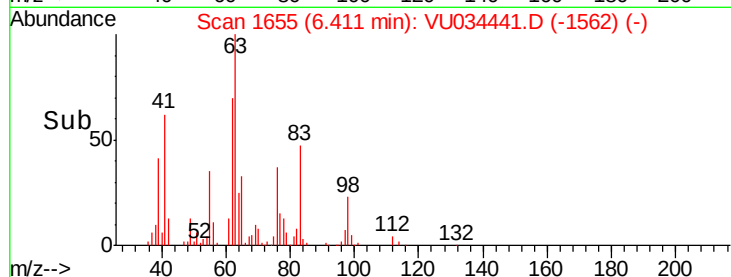
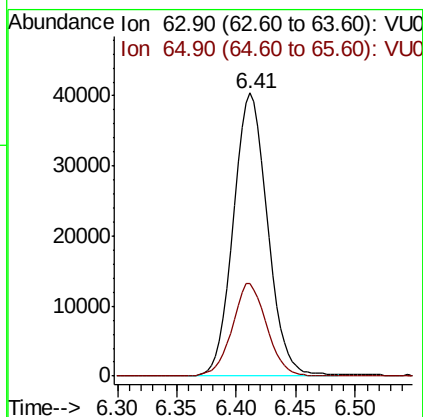
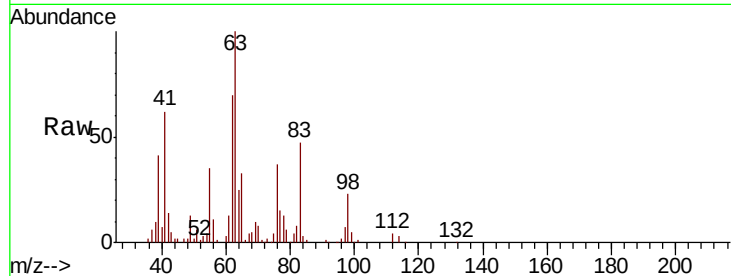




#45
 1,2-Dichloropropane
 Concen: 21.677 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

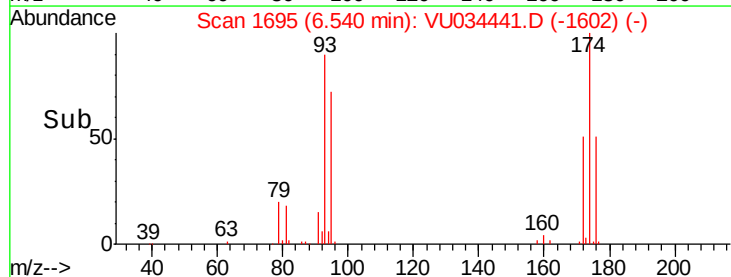
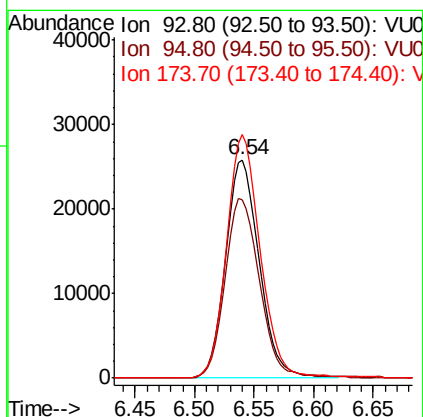
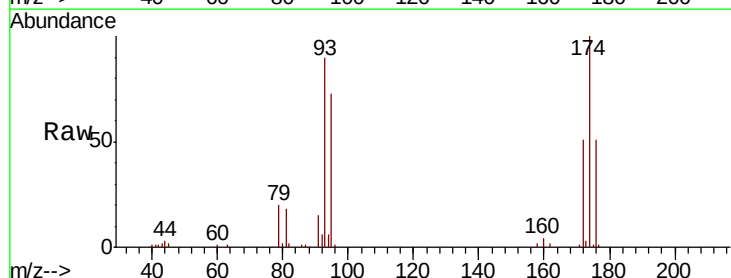
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

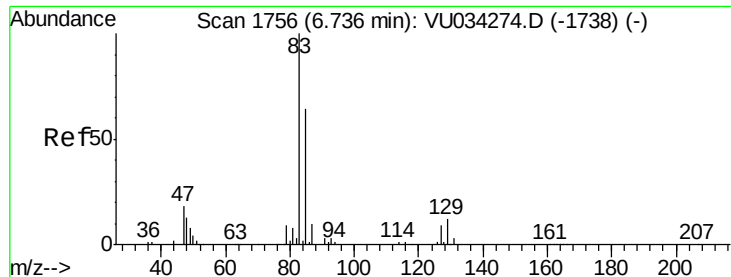
Tgt Ion: 63 Resp: 80636
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.6 37.0



#46
 Dibromomethane
 Concen: 21.723 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion: 93 Resp: 50723
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.5 99.7
 174 111.4 87.8 131.6





#47

Bromodichloromethane

Concen: 21.823 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

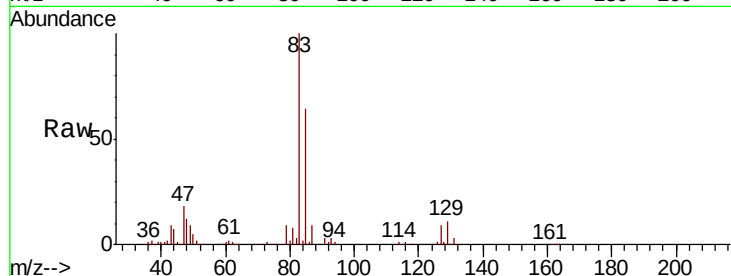
Tgt Ion: 83 Resp: 104888

Ion Ratio Lower Upper

83 100

85 63.6 51.1 76.7

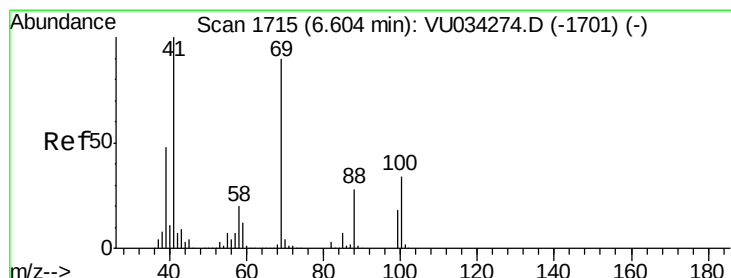
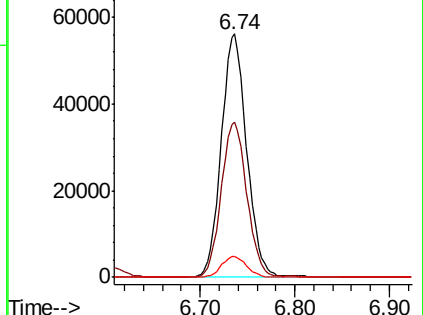
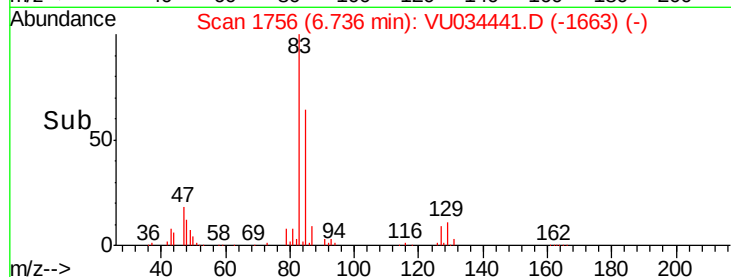
127 8.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034441.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034441.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034441.D (-1663) (-)



#48

Methyl methacrylate

Concen: 20.273 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

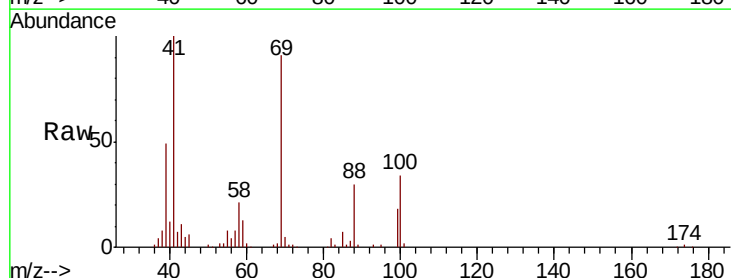
Tgt Ion: 41 Resp: 70031

Ion Ratio Lower Upper

41 100

69 93.1 72.8 109.2

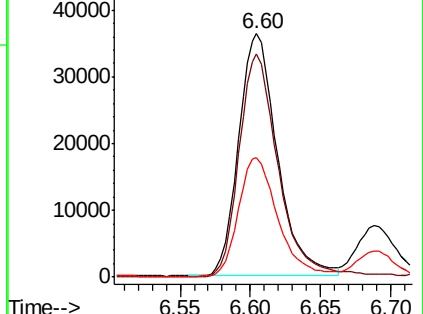
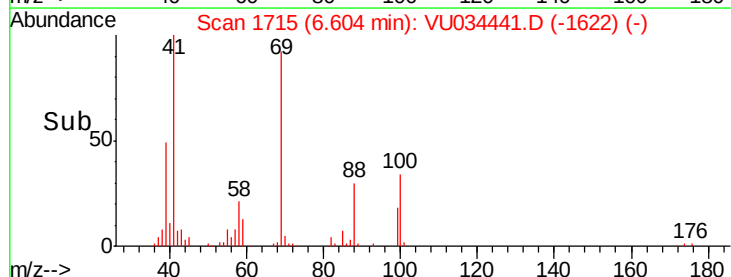
39 49.2 38.6 58.0

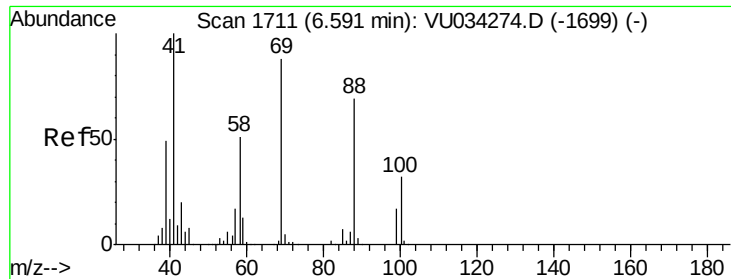


Abundance Ion 41.00 (40.70 to 41.70): VU034441.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU034441.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU034441.D (-1622) (-)

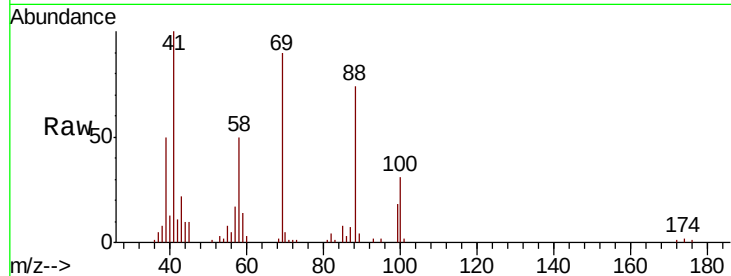




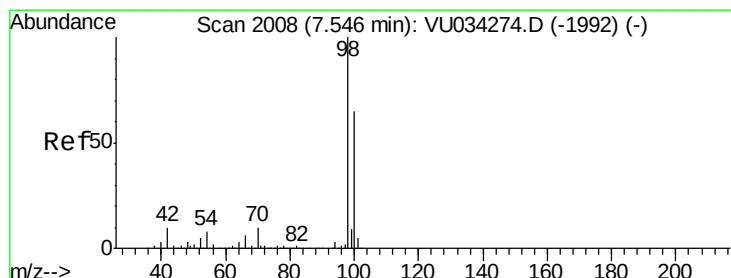
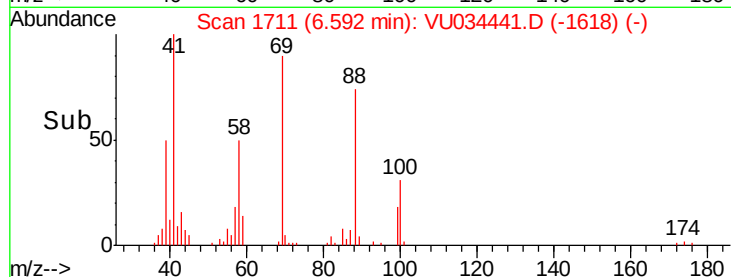
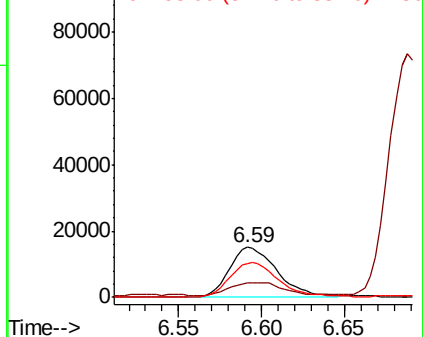
#49
1,4-Dioxane
Concen: 400.806 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

Tgt Ion: 88 Resp: 30234
Ion Ratio Lower Upper
88 100
43 29.1 23.8 35.6
58 71.8 58.4 87.6

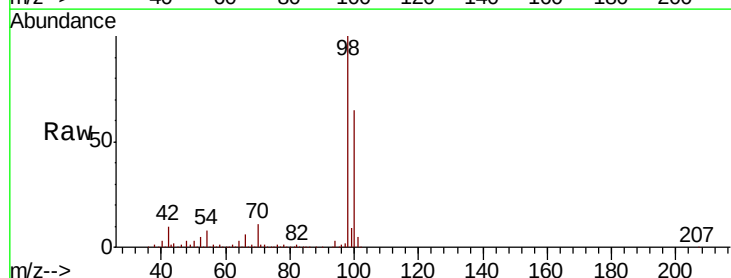


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

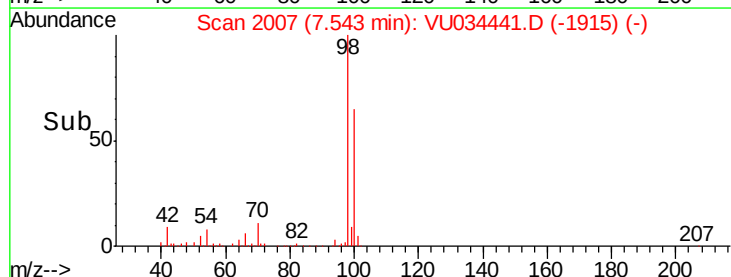
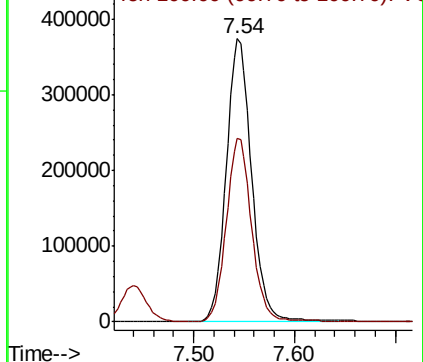


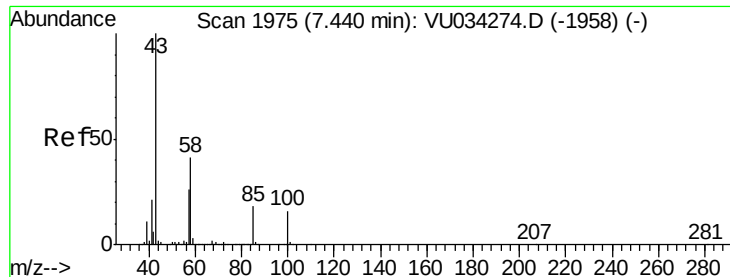
#50
Toluene-d8
Concen: 51.682 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion: 98 Resp: 656951
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 106.446 ug/l

RT: 7.44 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

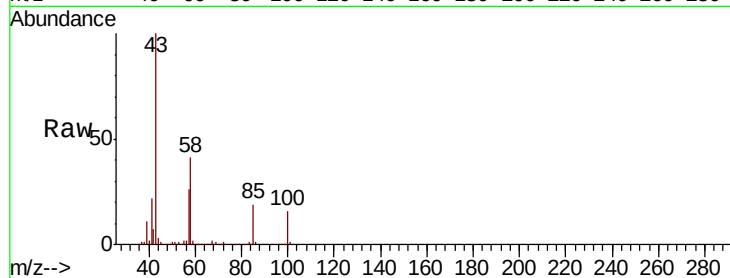
VU0910WBS01

Tgt Ion: 43 Resp: 535898

Ion Ratio Lower Upper

43 100

58 41.1 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-1958) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-1958) (-)

7.44

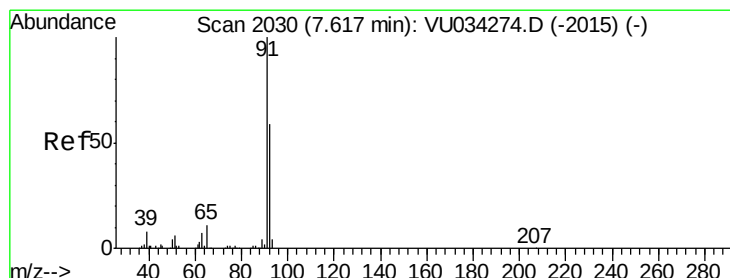
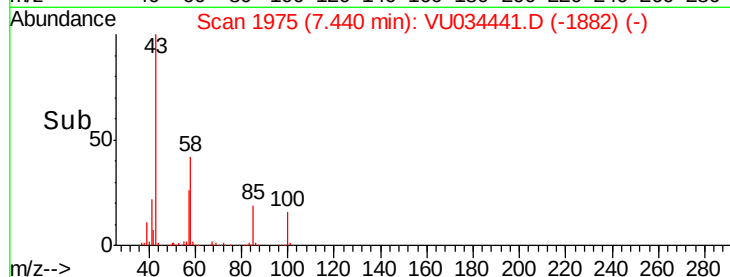
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 21.531 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034441.D

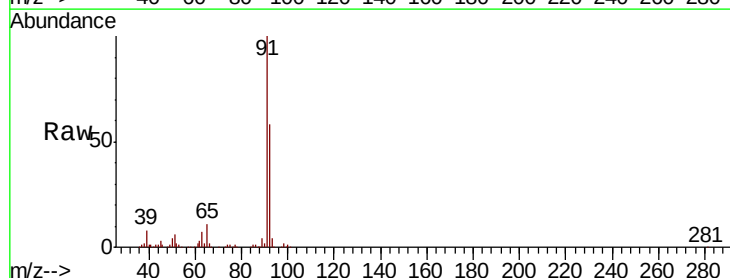
Acq: 10 Sep 2019 11:19

Tgt Ion: 92 Resp: 171863

Ion Ratio Lower Upper

92 100

91 173.5 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VU034274.D (-2015) (-)

Ion 91.00 (90.70 to 91.70): VU034274.D (-2015) (-)

7.62

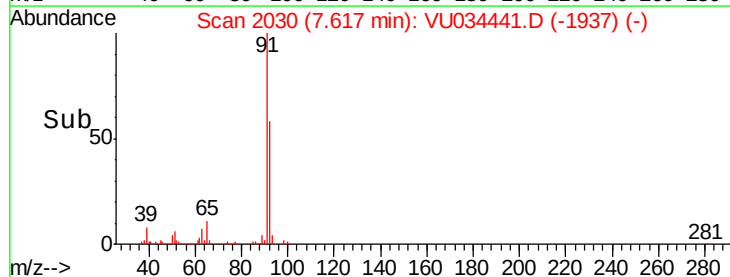
150000

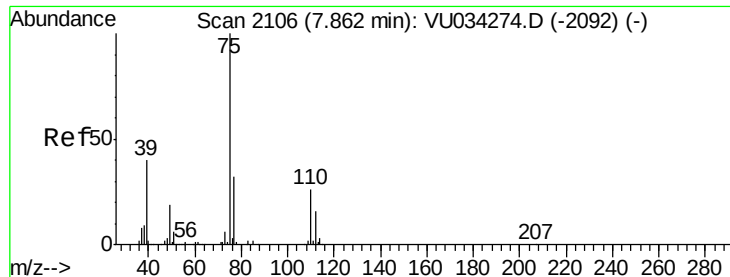
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.910 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

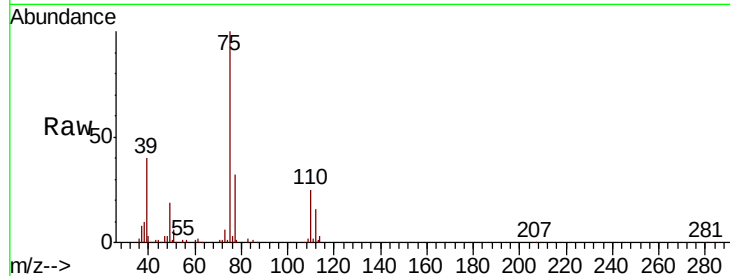
VU0910WBS01

Tgt Ion: 75 Resp: 104179

Ion Ratio Lower Upper

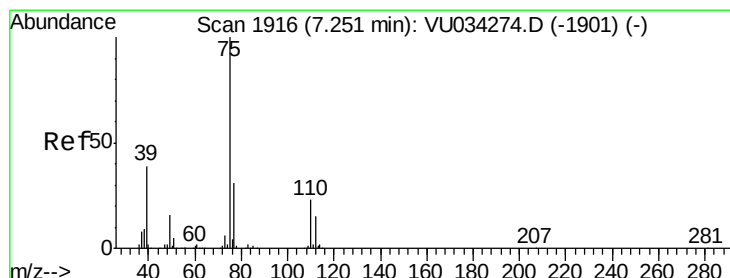
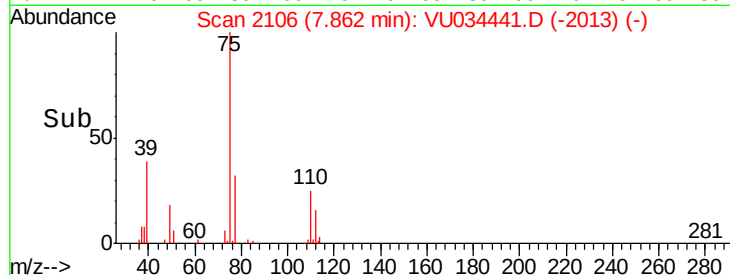
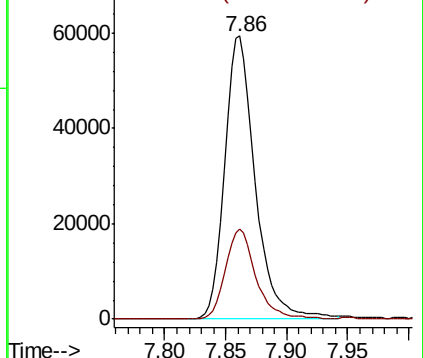
75 100

77 32.0 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 21.617 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

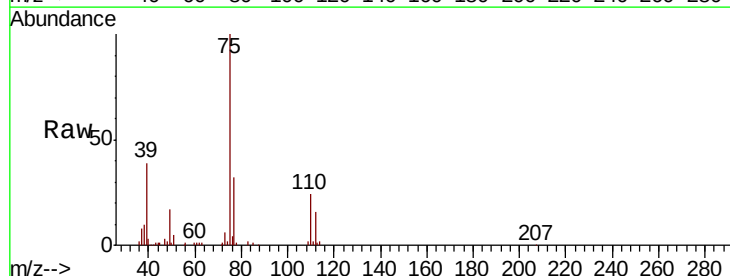
Tgt Ion: 75 Resp: 118210

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

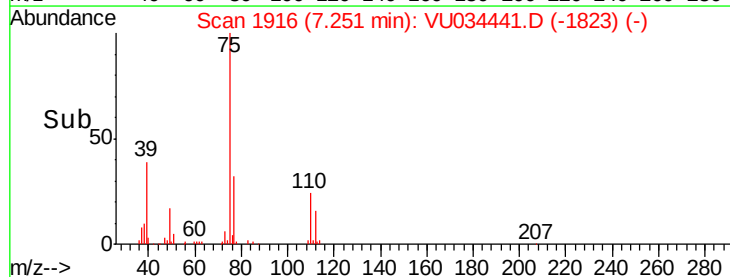
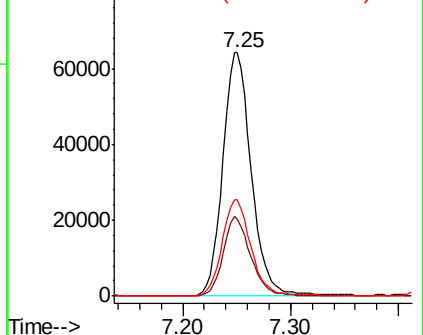
39 39.1 31.2 46.8

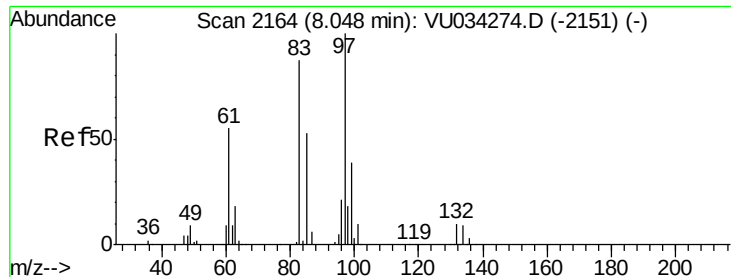


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

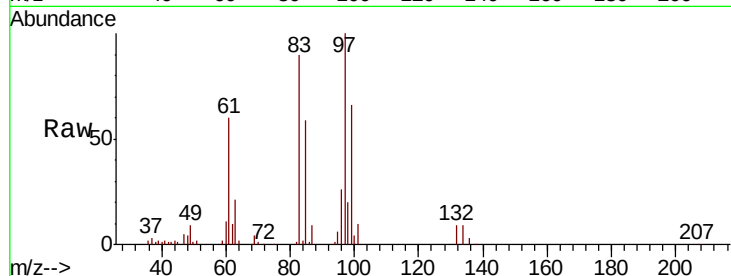




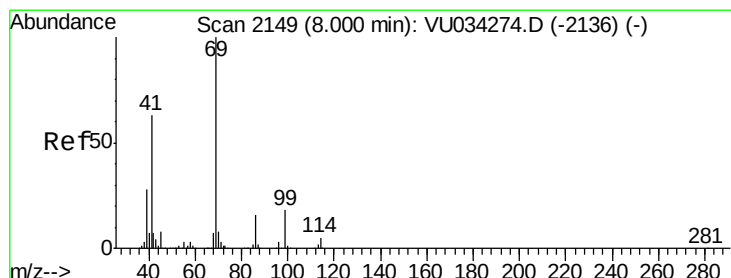
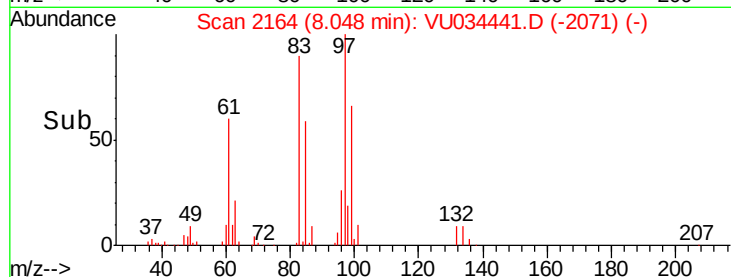
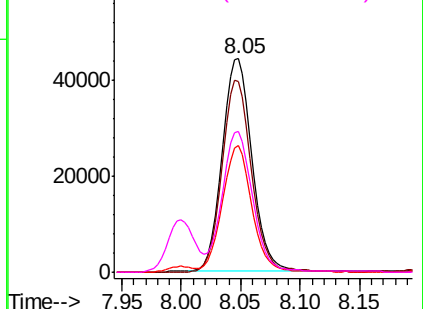
#55
 1,1,2-Trichloroethane
 Concen: 21.217 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

Tgt Ion:	97	Resp:	76901
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.0	103.6
85	59.3	44.2	66.2
99	65.6	49.4	74.0

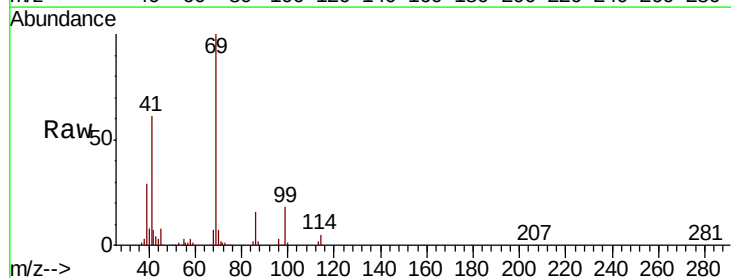


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

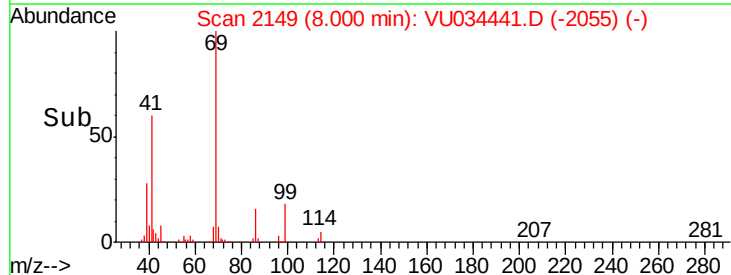
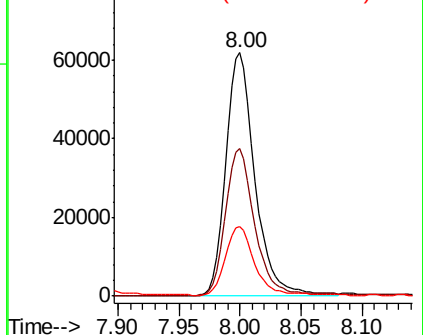


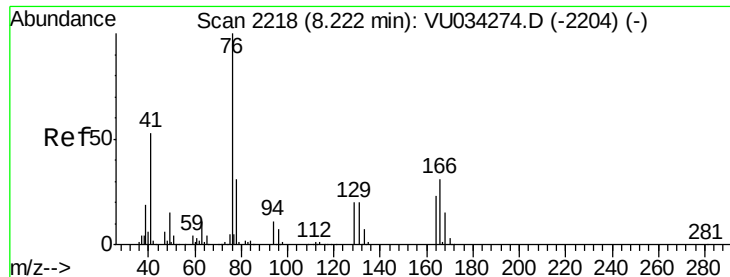
#56
 Ethyl methacrylate
 Concen: 20.792 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion:	69	Resp:	103949
Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.5	74.3
39	27.9	22.5	33.7



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

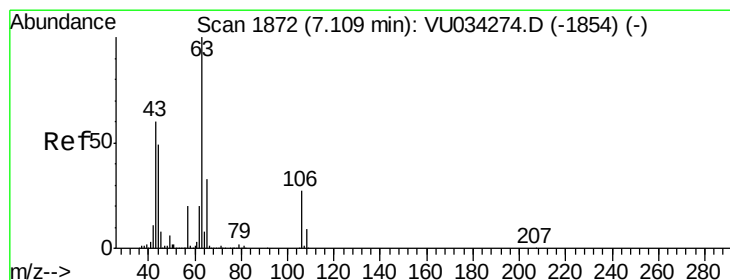
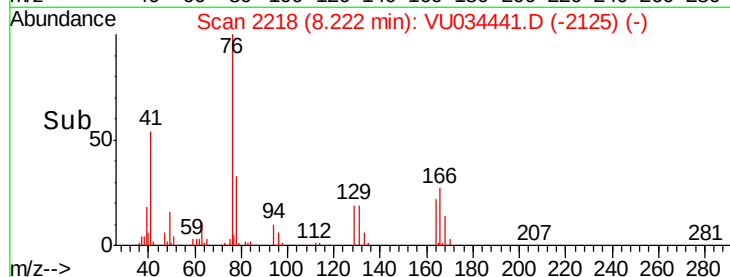
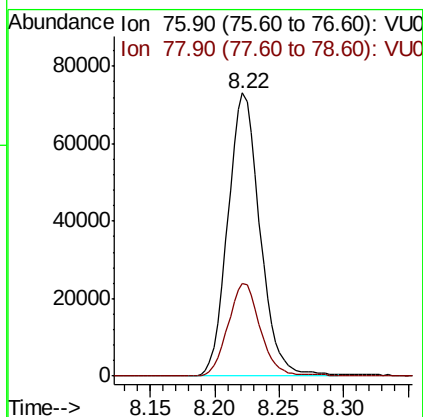
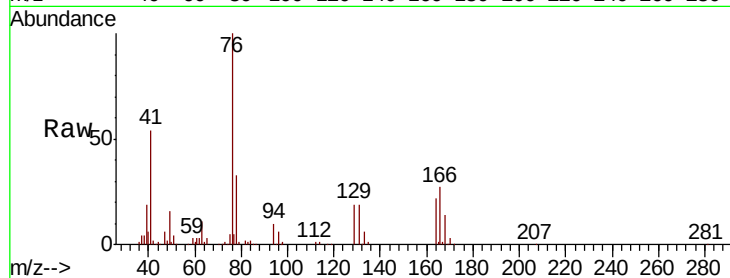




#57
 1,3-Dichloropropane
 Concen: 21.450 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

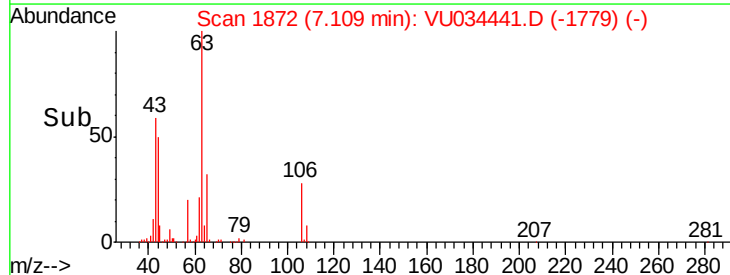
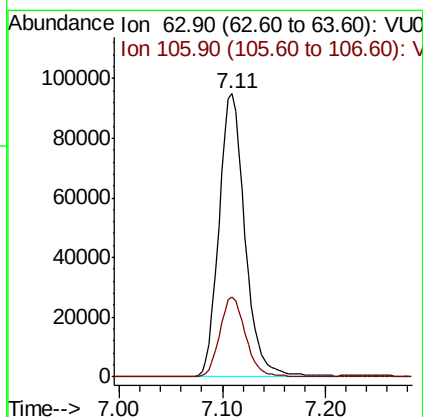
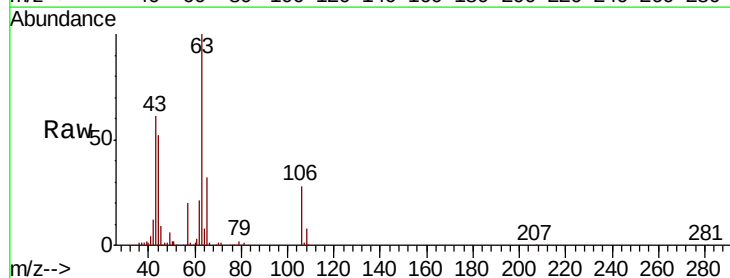
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

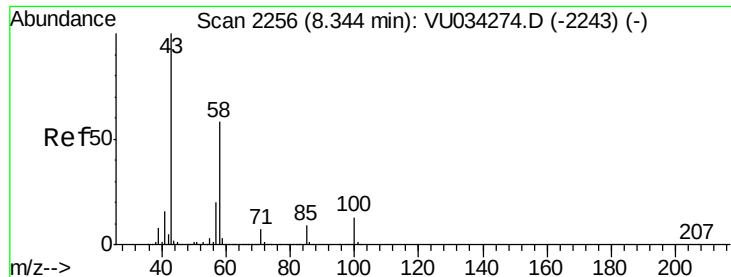
Tgt Ion: 76 Resp: 126596
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.239 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion: 63 Resp: 166880
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.6 32.4

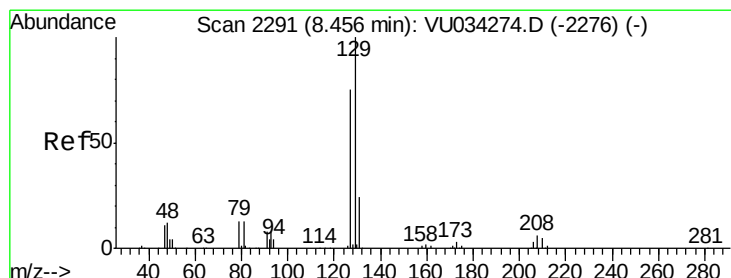
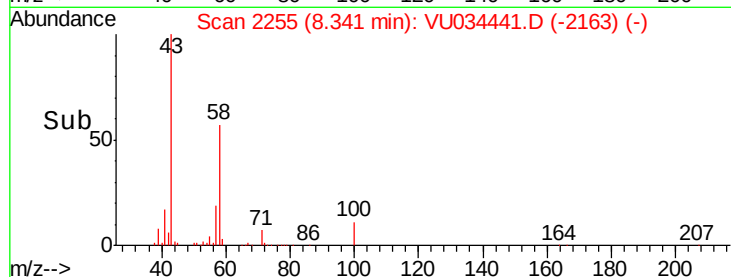
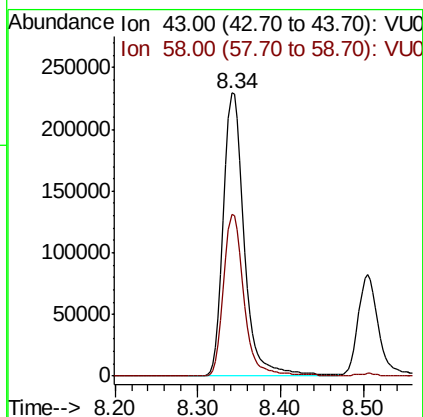
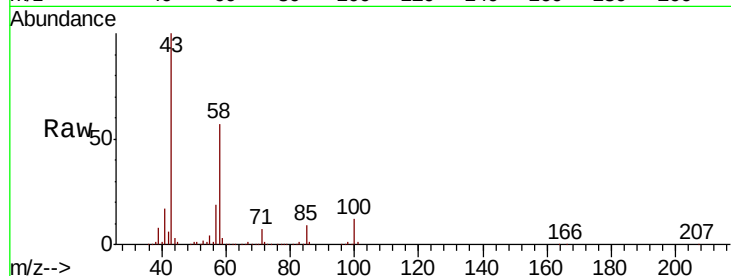




#59
2-Hexanone
Concen: 105.930 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

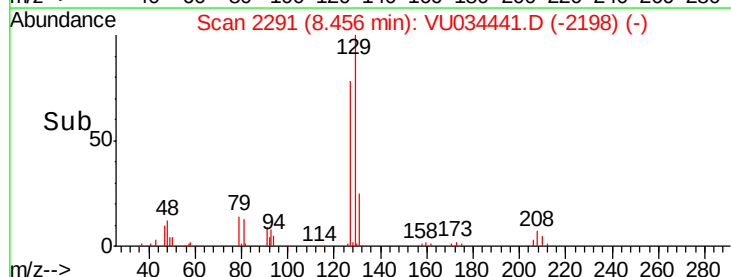
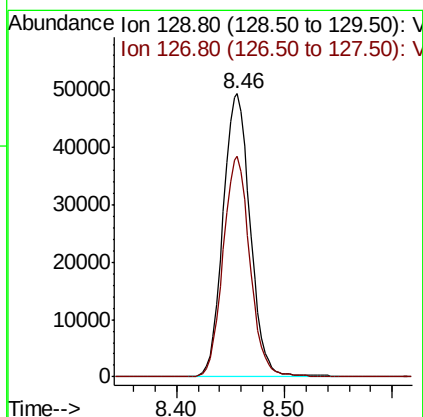
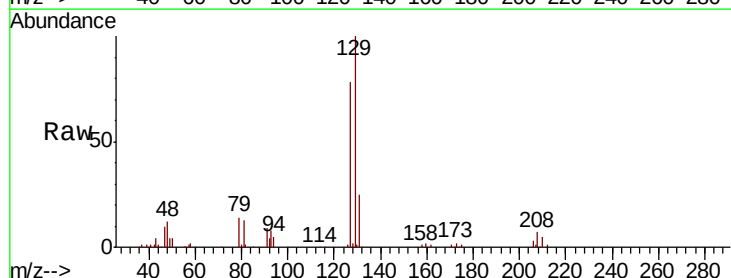
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

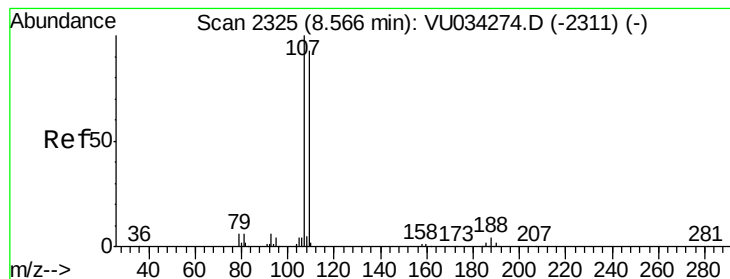
Tgt Ion: 43 Resp: 398404
Ion Ratio Lower Upper
43 100
58 56.5 28.8 86.5



#60
Dibromochloromethane
Concen: 22.305 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion: 129 Resp: 86711
Ion Ratio Lower Upper
129 100
127 76.7 37.9 113.7





#61

1,2-Dibromoethane

Concen: 21.630 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

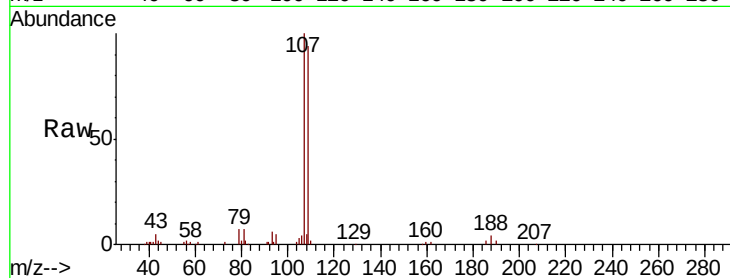
VU0910WBS01

Tgt Ion: 107 Resp: 76733

Ion Ratio Lower Upper

107 100

109 94.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

50000

40000

30000

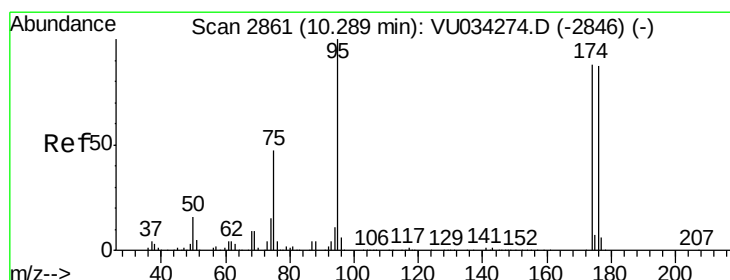
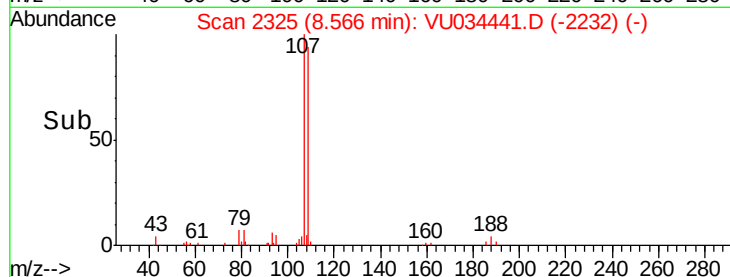
20000

10000

0

8.50 8.55 8.60 8.65

Time-->



#62

4-Bromofluorobenzene

Concen: 49.312 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

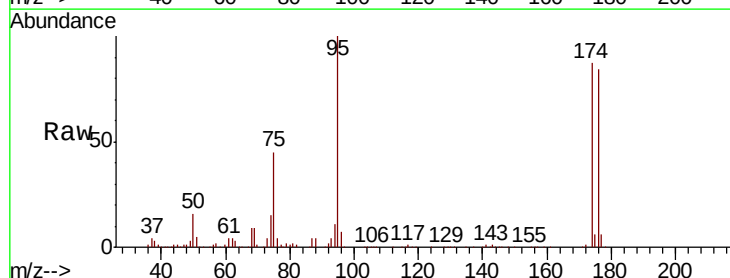
Tgt Ion: 95 Resp: 242014

Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.2

176 84.7 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

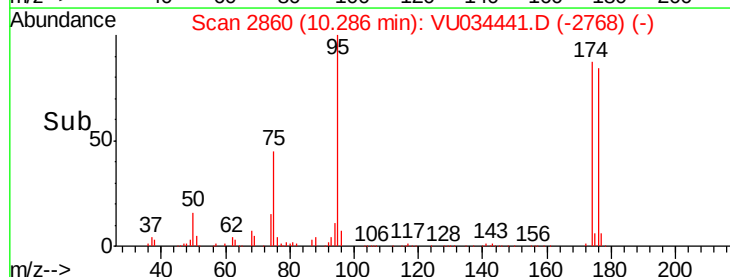
100000

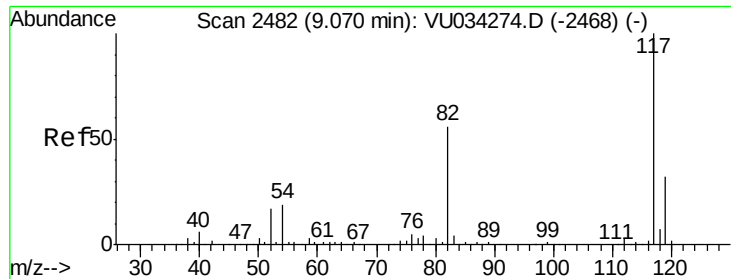
50000

0

10.20 10.30 10.40

Time-->

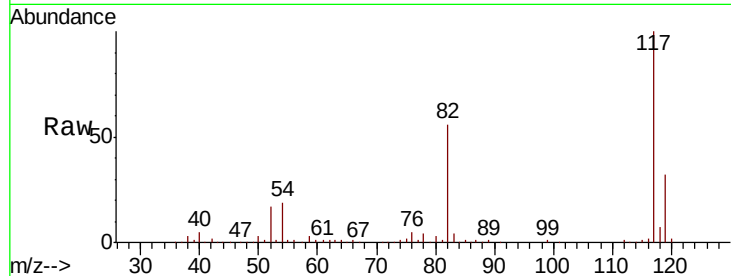




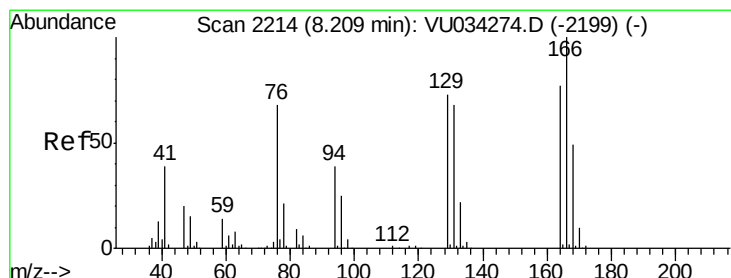
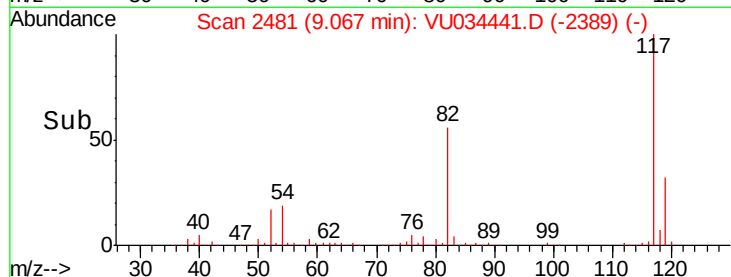
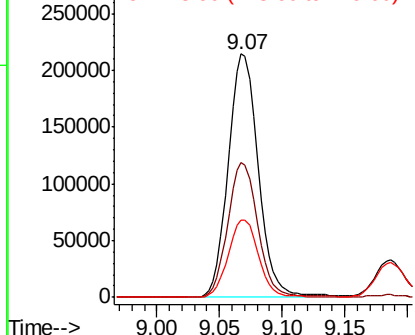
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

Tgt Ion:117 Resp: 358465
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 31.8 25.9 38.9

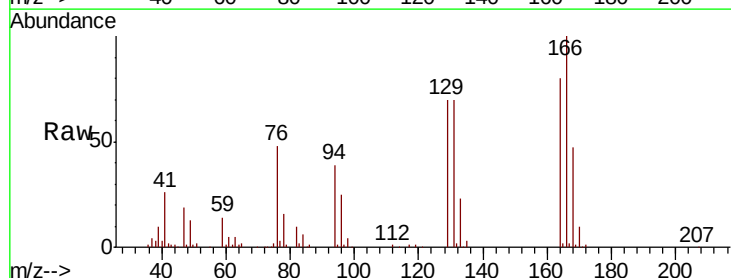


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

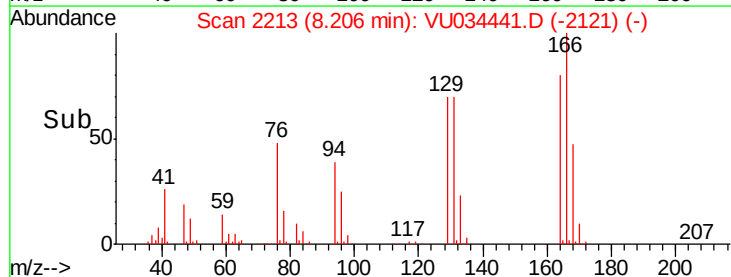
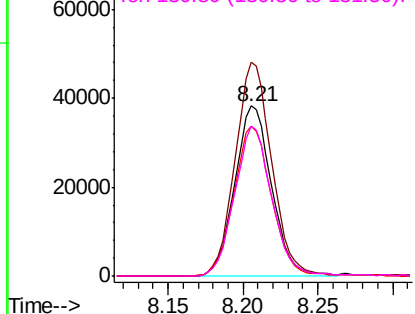


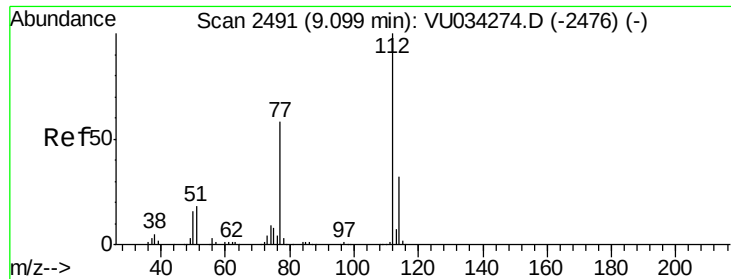
#64
Tetrachloroethene
Concen: 21.127 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion:164 Resp: 65701
Ion Ratio Lower Upper
164 100
166 125.7 103.7 155.5
129 88.3 75.8 113.8
131 87.8 70.7 106.1



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

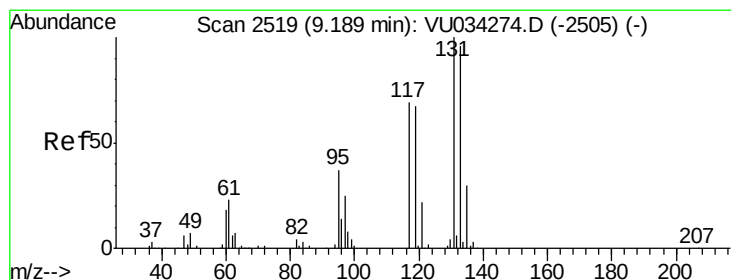
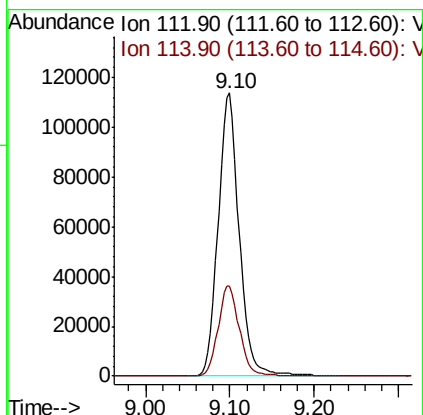
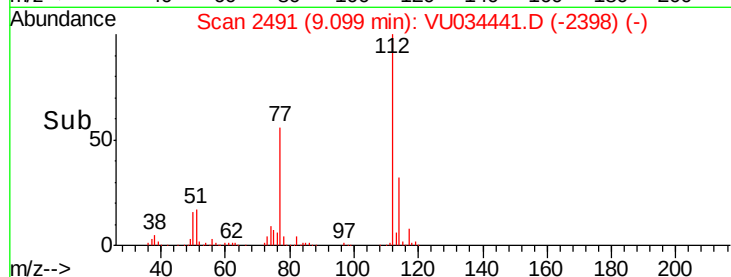
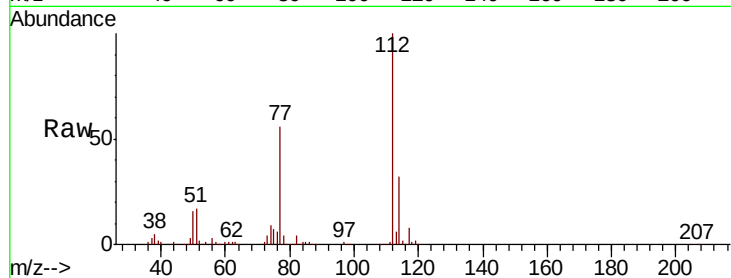




#65
Chlorobenzene
Concen: 21.646 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

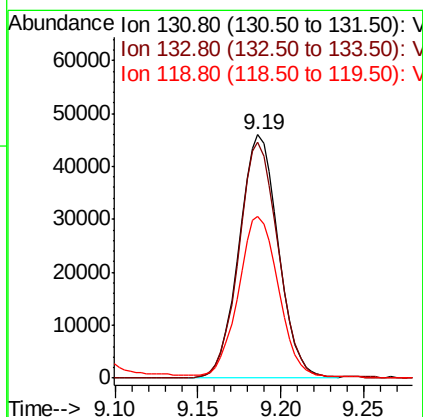
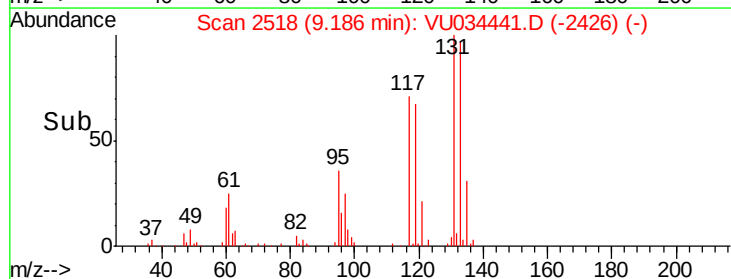
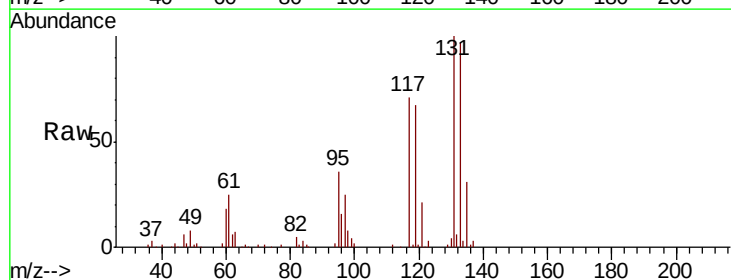
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

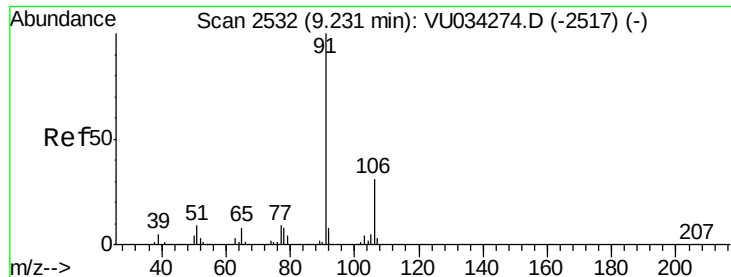
Tgt Ion:112 Resp: 196860
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.840 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion:131 Resp: 75802
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.7
119 68.2 33.1 99.5





#67

Ethyl Benzene

Concen: 21.162 ug/l

RT: 9.23 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

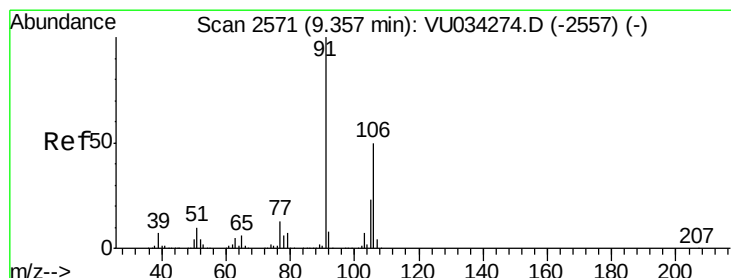
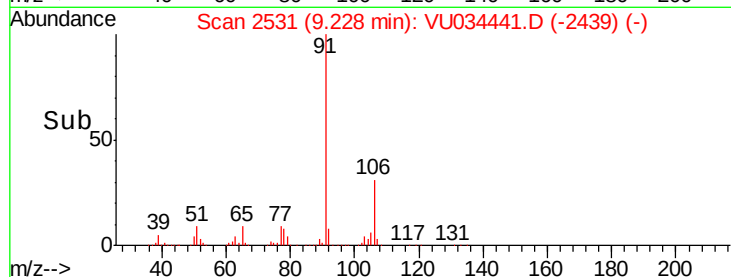
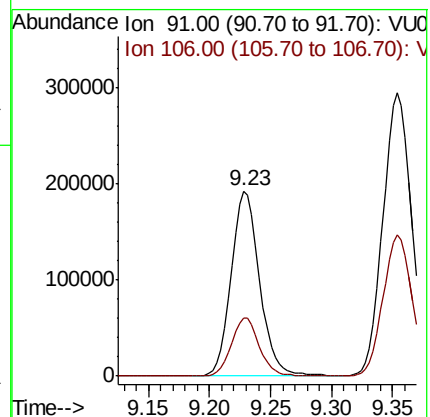
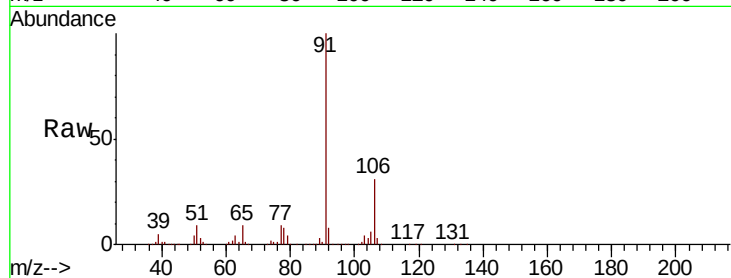
VU0910WBS01

Tgt Ion: 91 Resp: 314676

Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2



#68

m/p-Xylenes

Concen: 44.154 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU034441.D

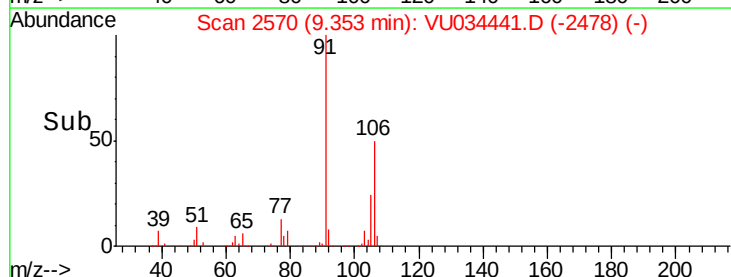
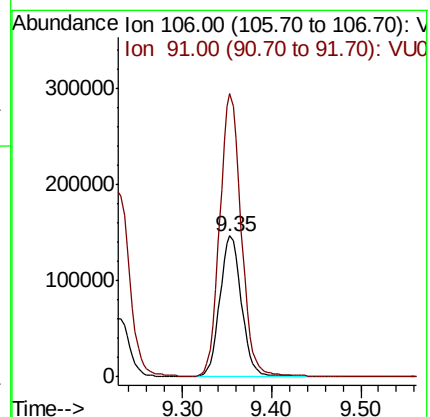
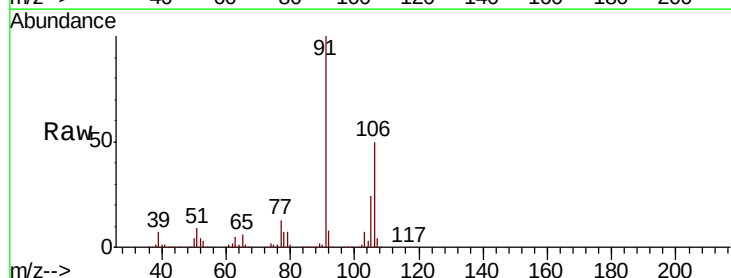
Acq: 10 Sep 2019 11:19

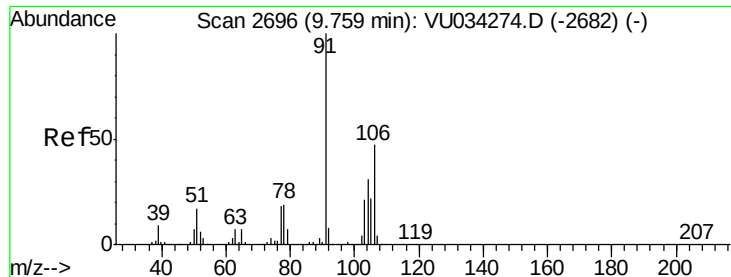
Tgt Ion: 106 Resp: 247237

Ion Ratio Lower Upper

106 100

91 198.8 160.1 240.1

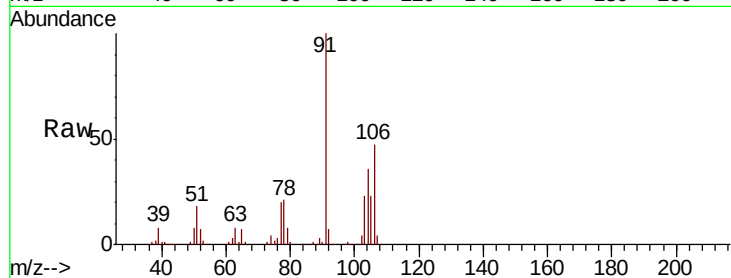




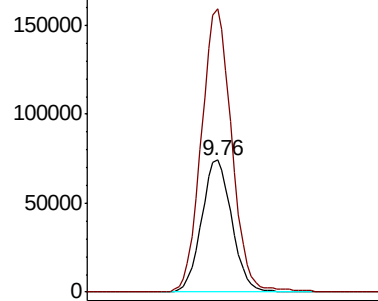
#69
o-Xylene
Concen: 21.536 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

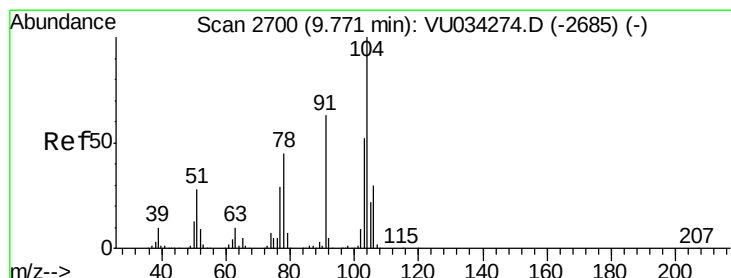
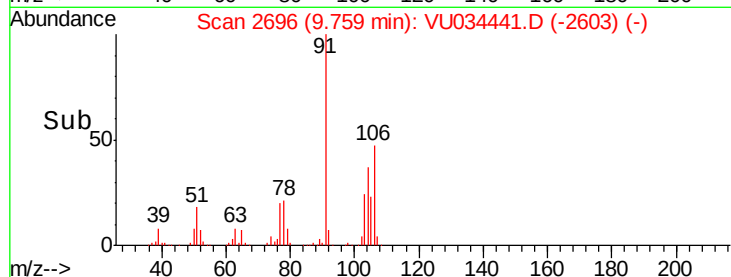
Tgt Ion:106 Resp: 117929
Ion Ratio Lower Upper
106 100
91 214.8 105.1 315.3



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

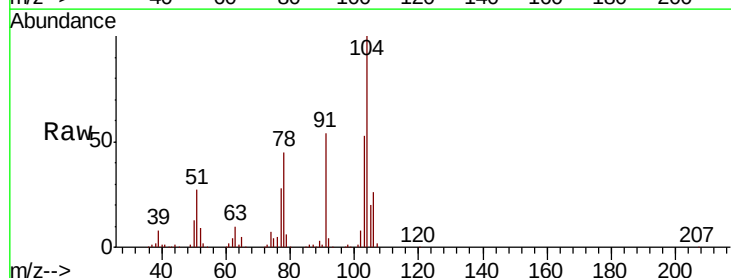


Time-->

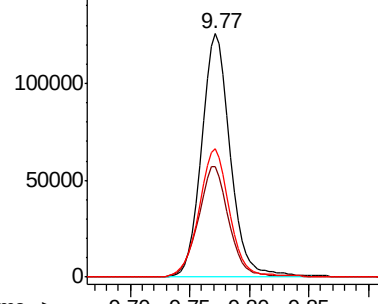


#70
Styrene
Concen: 21.889 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

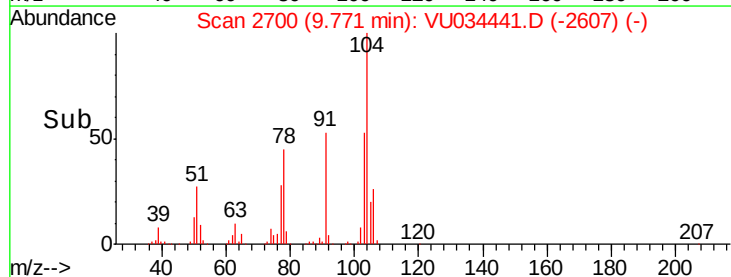
Tgt Ion:104 Resp: 210154
Ion Ratio Lower Upper
104 100
78 48.8 38.6 57.8
103 56.3 44.2 66.4

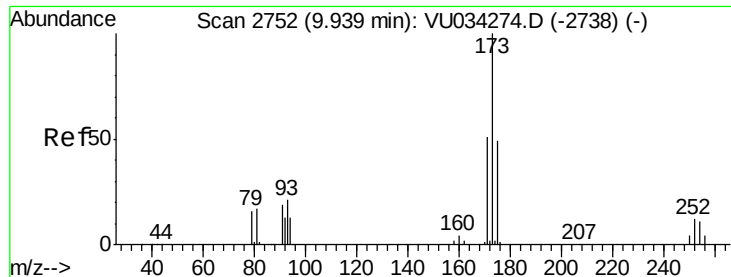


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 22.032 ug/l

RT: 9.94 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

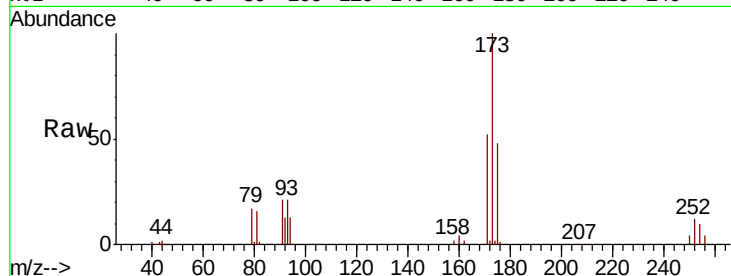
Tgt Ion:173 Resp: 66271

Ion Ratio Lower Upper

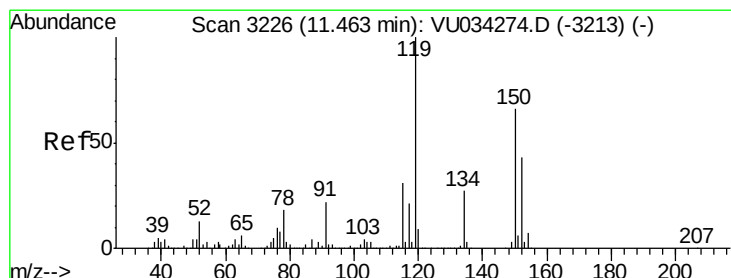
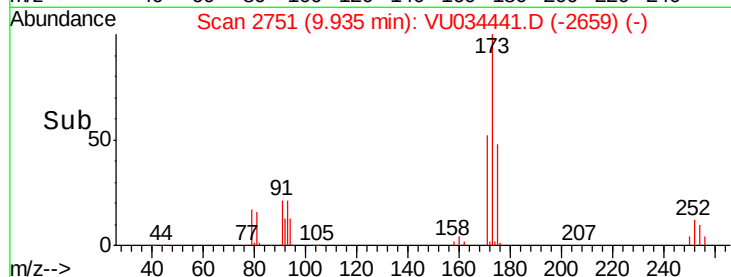
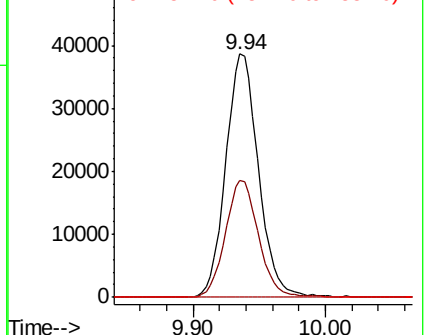
173 100

175 48.6 24.4 73.2

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

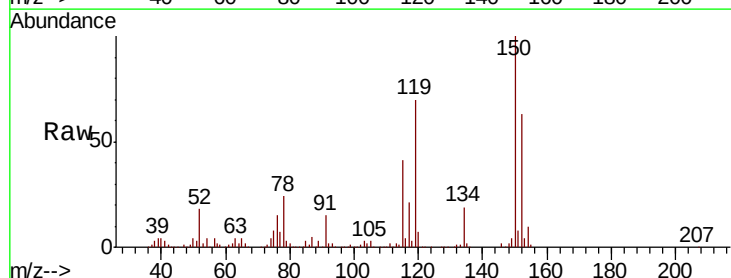
Tgt Ion:152 Resp: 239622

Ion Ratio Lower Upper

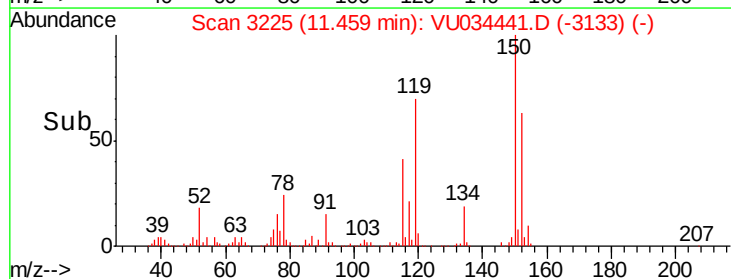
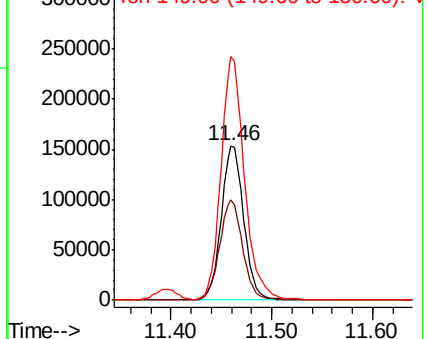
152 100

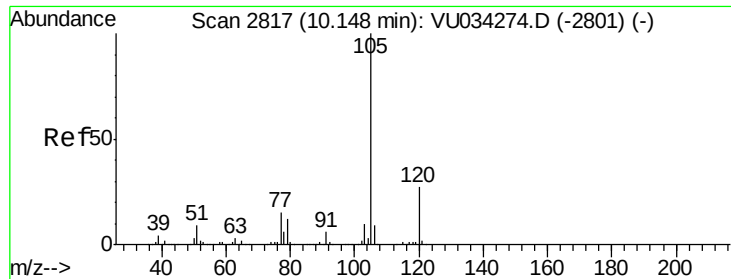
115 66.1 39.1 117.3

150 163.5 0.0 345.4



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





#73

Isopropylbenzene

Concen: 21.195 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

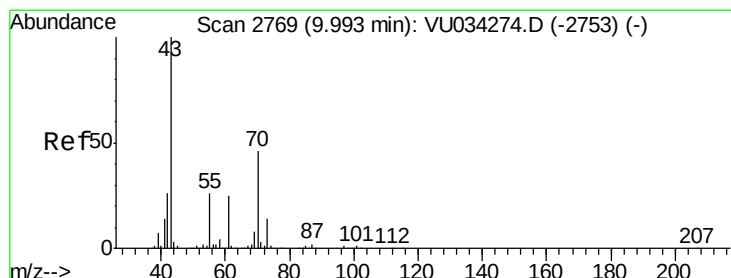
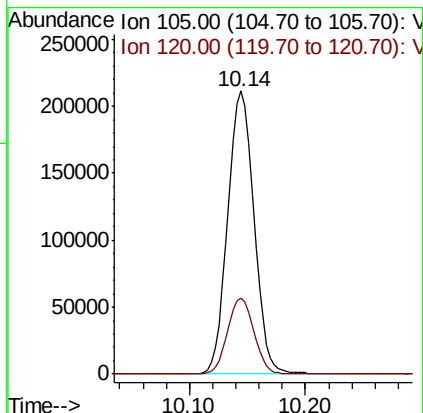
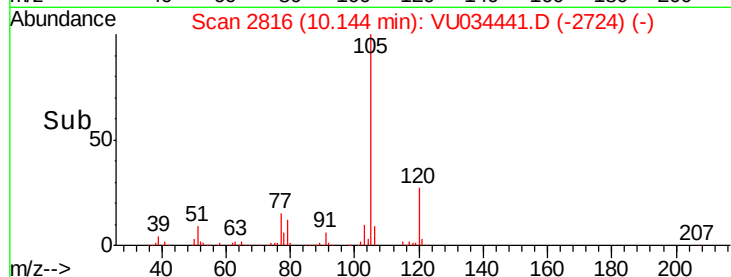
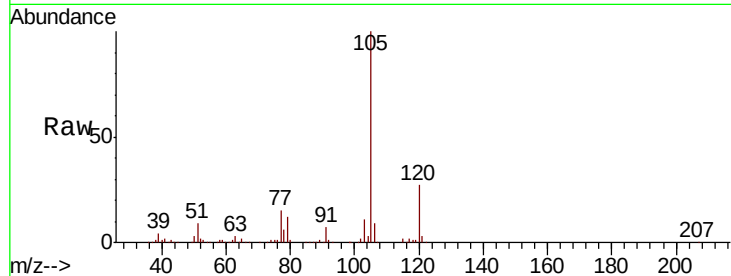
VU0910WBS01

Tgt Ion: 105 Resp: 330508

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 20.684 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Tgt Ion: 43 Resp: 129832

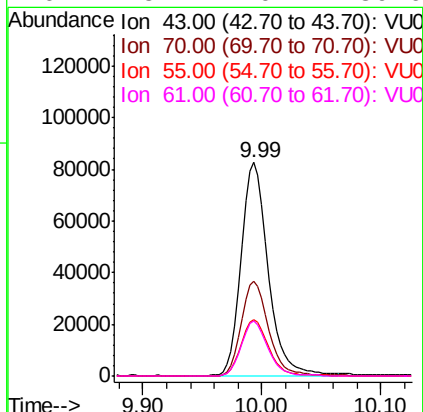
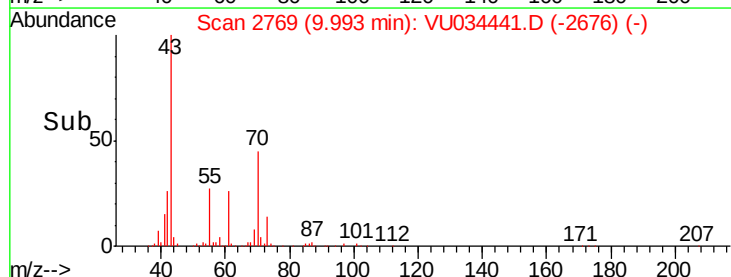
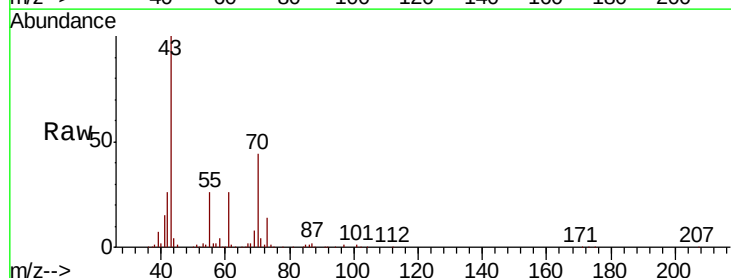
Ion Ratio Lower Upper

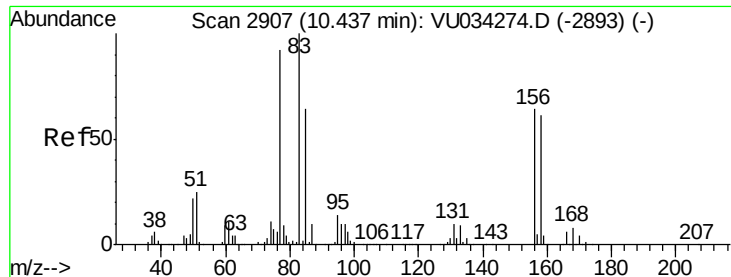
43 100

70 45.1 36.4 54.6

55 27.4 21.2 31.8

61 25.4 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.382 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

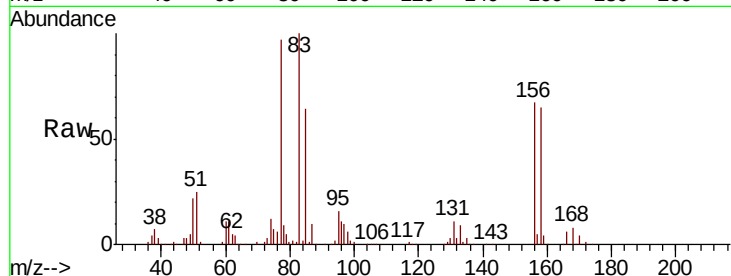
Tgt Ion: 83 Resp: 134966

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

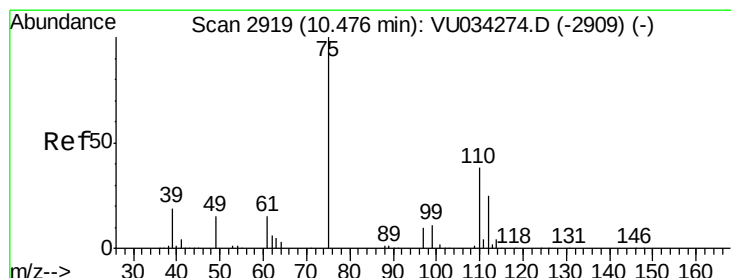
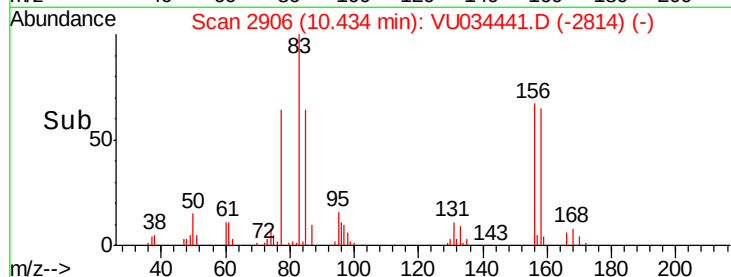
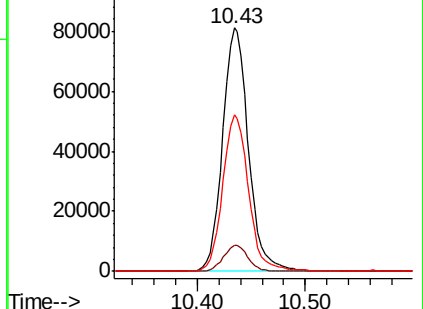
85 64.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU034441.D (-2814) (-)

Ion 130.80 (130.50 to 131.50): VU034441.D (-2814) (-)

Ion 84.90 (84.60 to 85.60): VU034441.D (-2814) (-)



#76

1,2,3-Trichloropropane

Concen: 27.040 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034441.D

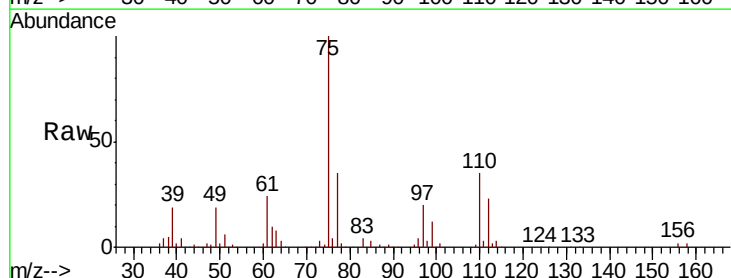
Acq: 10 Sep 2019 11:19

Tgt Ion: 75 Resp: 141435

Ion Ratio Lower Upper

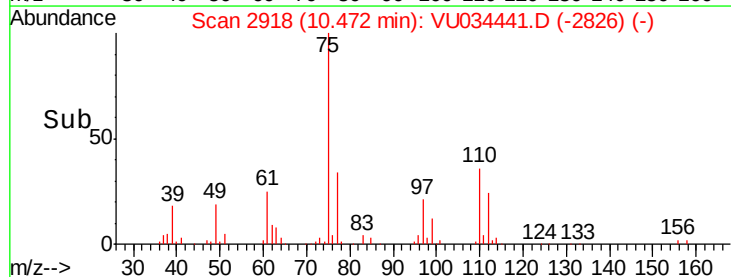
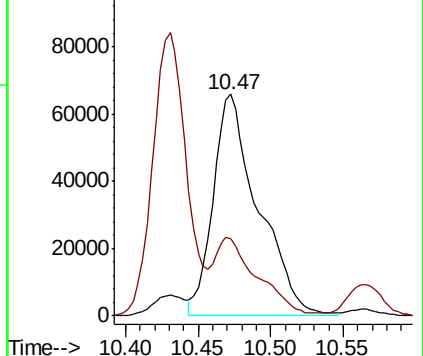
75 100

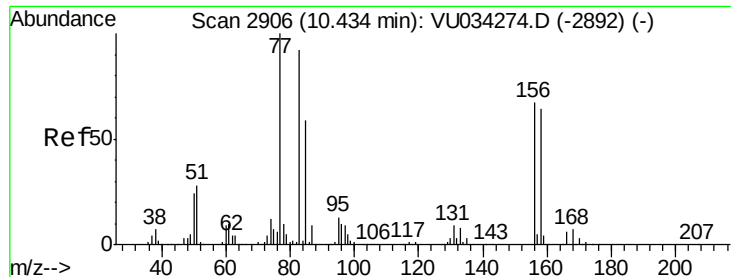
77 33.7 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034441.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034441.D (-2826) (-)





#77

Bromobenzene

Concen: 21.485 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

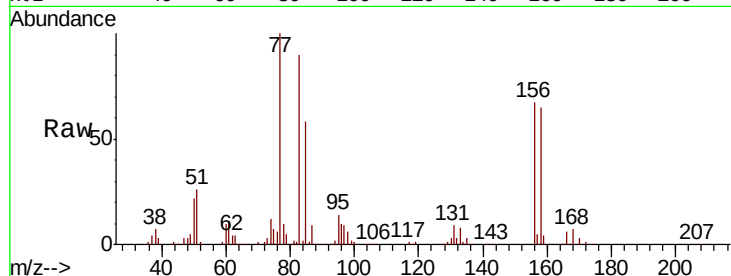
Tgt Ion:156 Resp: 93681

Ion Ratio Lower Upper

156 100

77 145.9 75.6 226.9

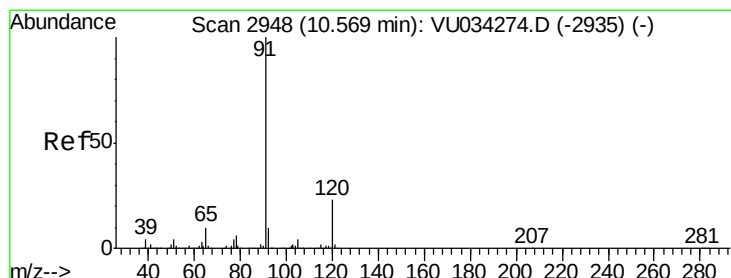
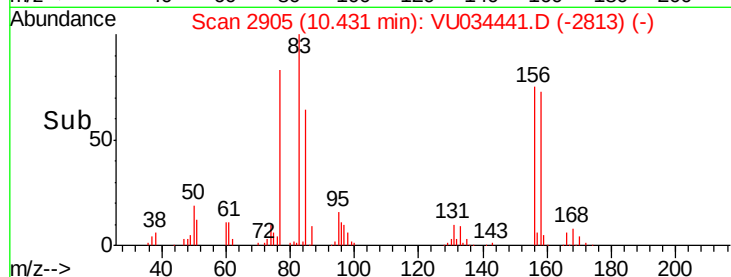
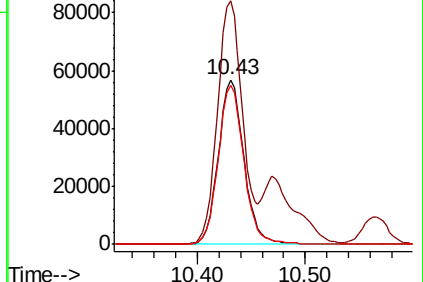
158 96.8 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.098 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034441.D

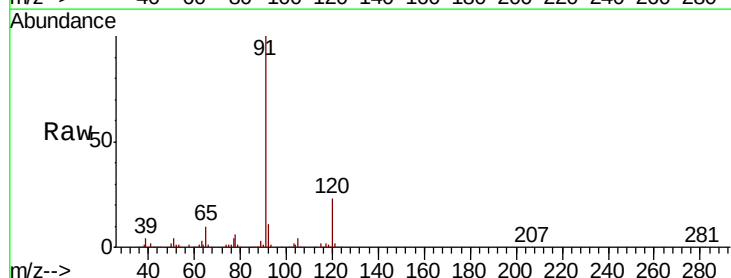
Acq: 10 Sep 2019 11:19

Tgt Ion: 91 Resp: 379974

Ion Ratio Lower Upper

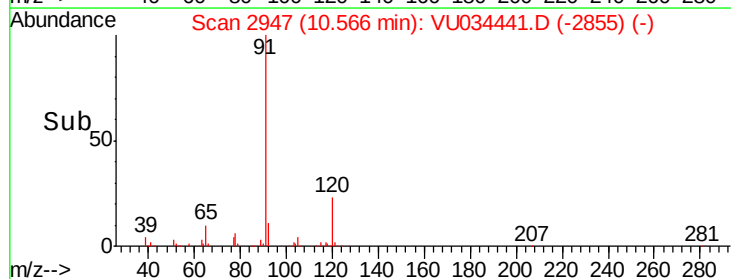
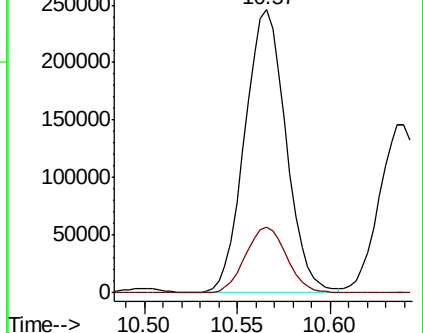
91 100

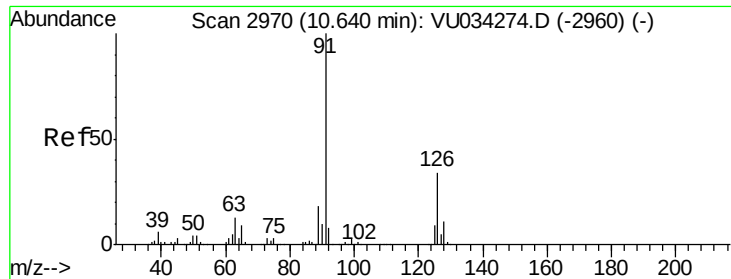
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.285 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

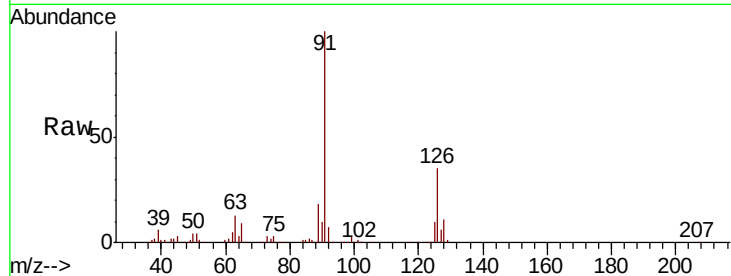
VU0910WBS01

Tgt Ion: 91 Resp: 233895

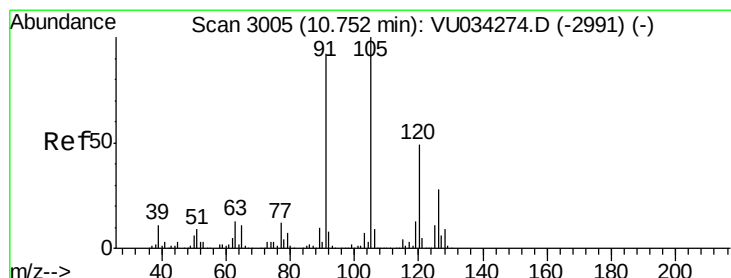
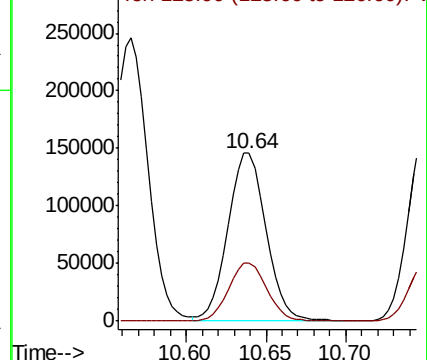
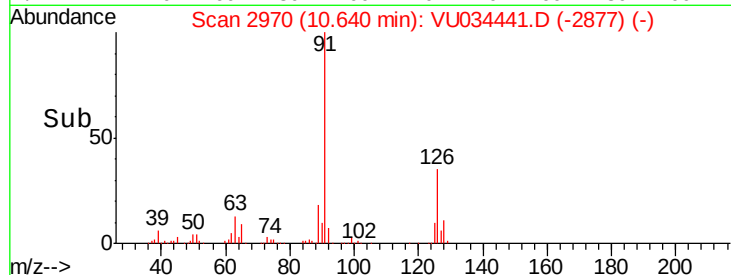
Ion Ratio Lower Upper

91 100

126 35.3 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VU034441.D (-2877) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.088 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034441.D

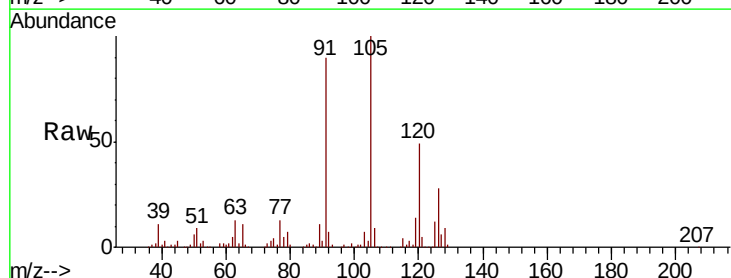
Acq: 10 Sep 2019 11:19

Tgt Ion: 105 Resp: 288069

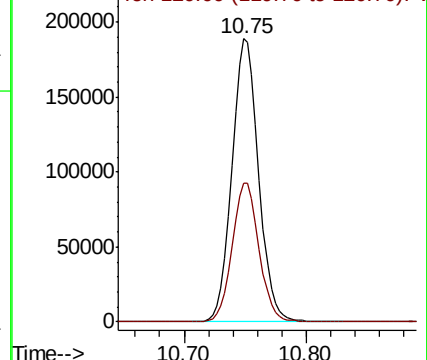
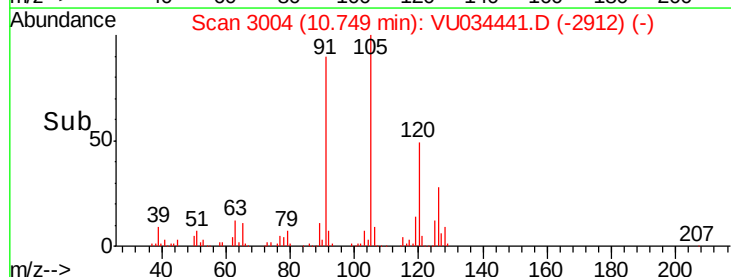
Ion Ratio Lower Upper

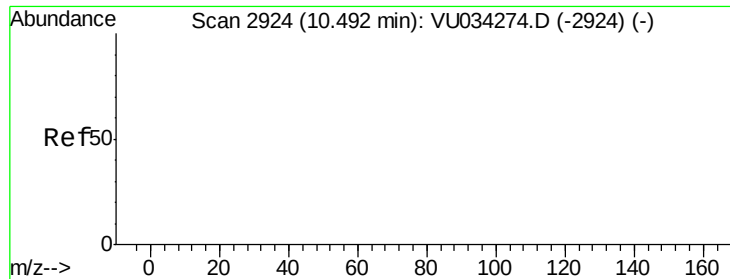
105 100

120 49.3 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VU034441.D (-2912) (-)

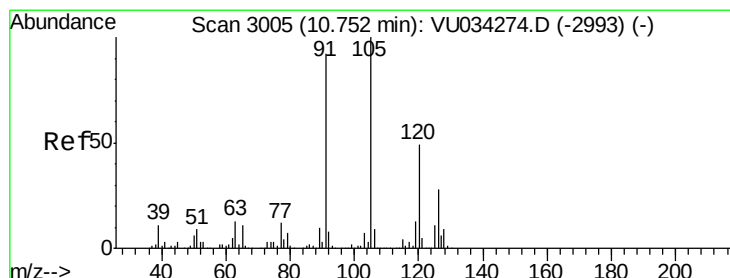
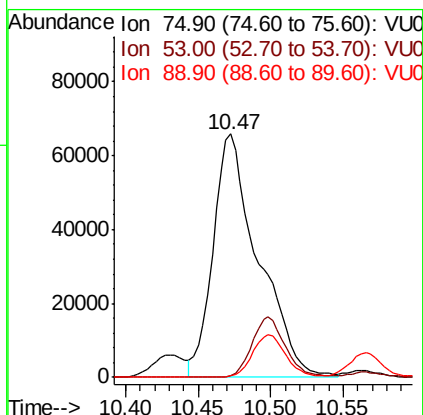
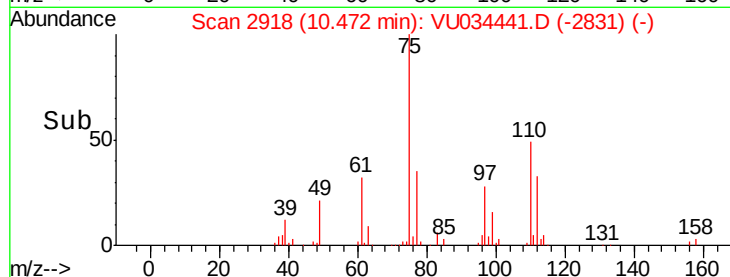
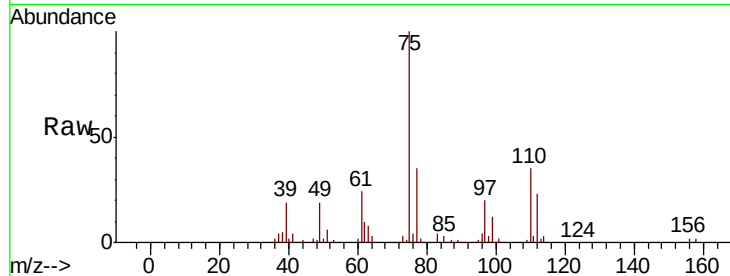




#81
trans-1,4-Dichloro-2-butene
Concen: 91.566 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

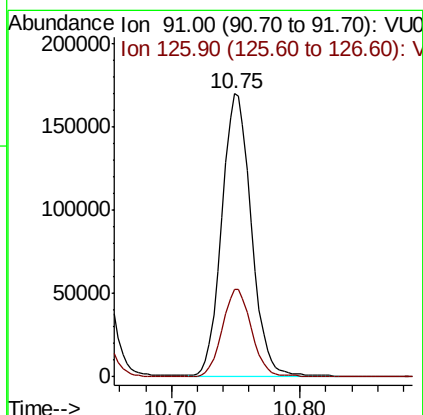
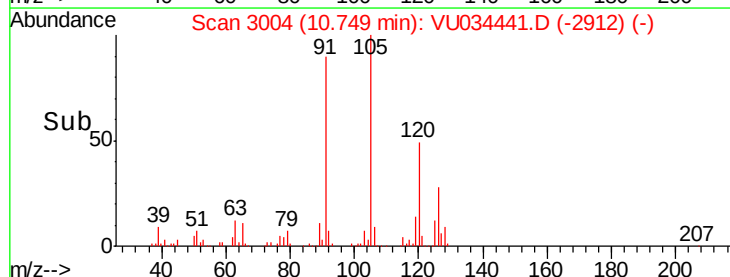
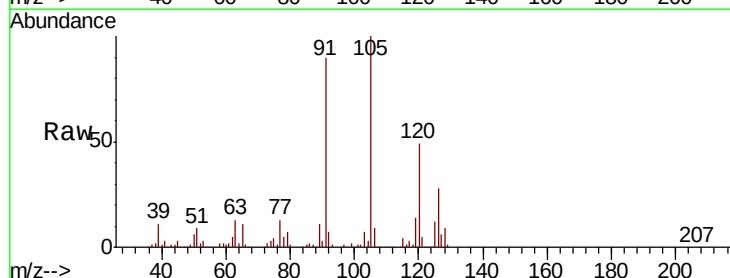
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

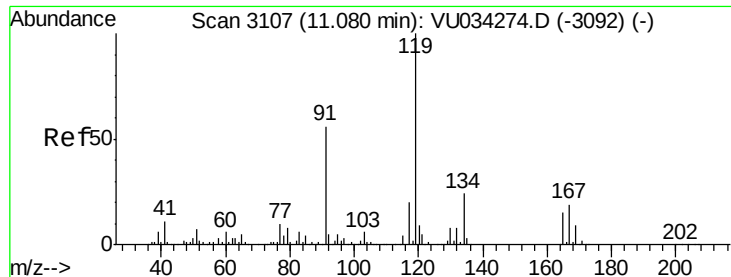
Tgt Ion: 75 Resp: 142416
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.139 ug/l
RT: 10.75 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion: 91 Resp: 267317
Ion Ratio Lower Upper
91 100
126 31.2 15.3 45.8

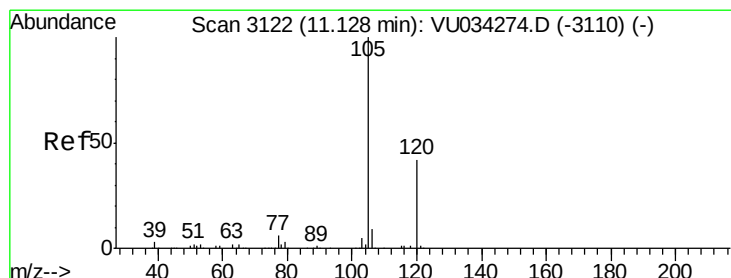
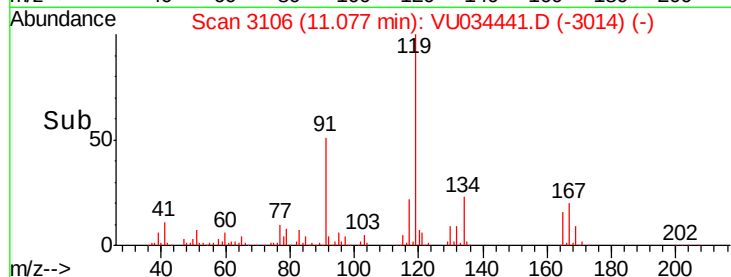
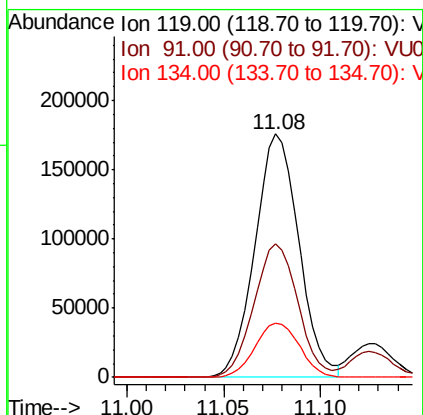
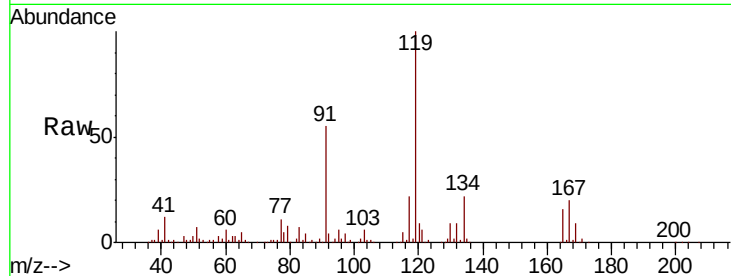




#83
 tert-Butylbenzene
 Concen: 21.380 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

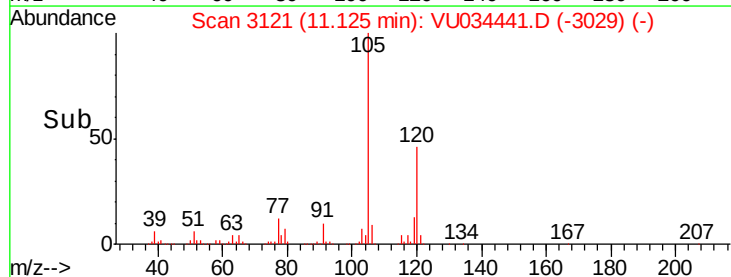
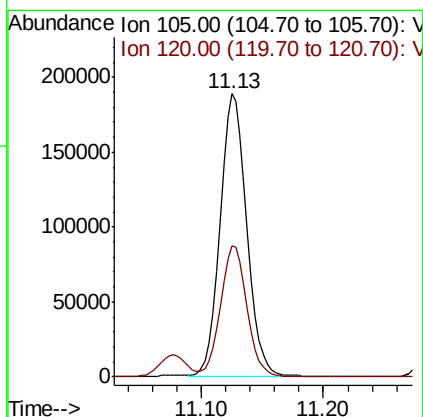
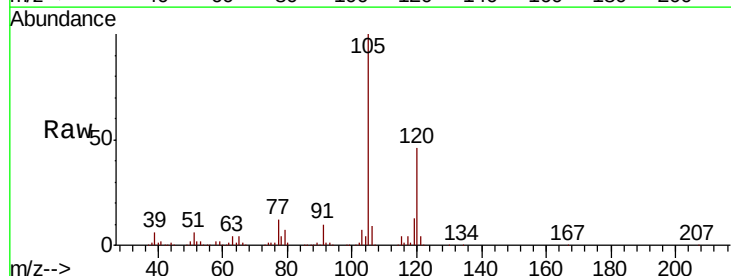
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

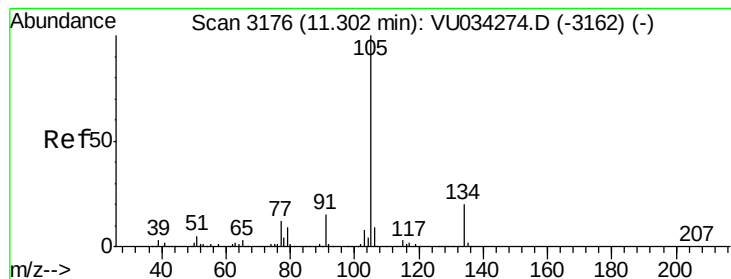
Tgt Ion:119 Resp: 278945
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.8 83.4
 134 22.8 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 22.026 ug/l
 RT: 11.13 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion:105 Resp: 289162
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.625 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

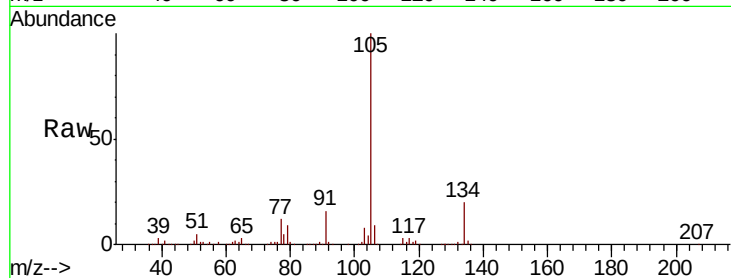
VU0910WBS01

Tgt Ion:105 Resp: 333081

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.30

250000

200000

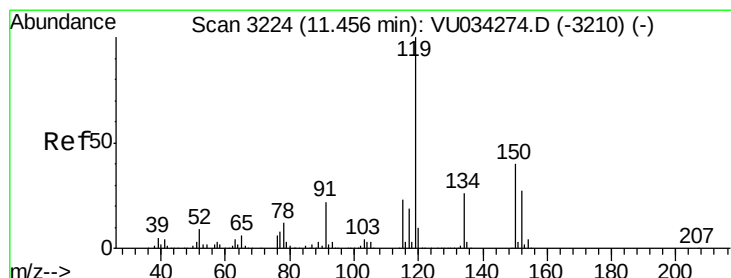
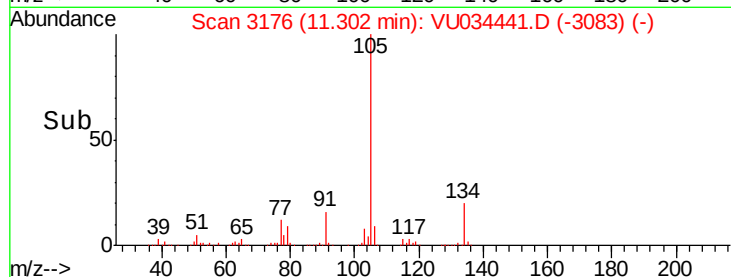
150000

100000

50000

0

Time--> 11.20 11.30 11.40



#86

p-Isopropyltoluene

Concen: 21.543 ug/l

RT: 11.45 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

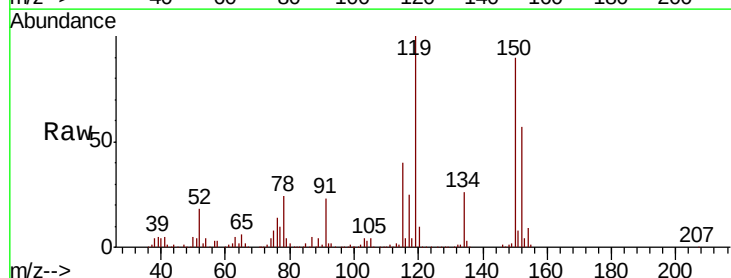
Tgt Ion:119 Resp: 306272

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 22.8 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.45

250000

200000

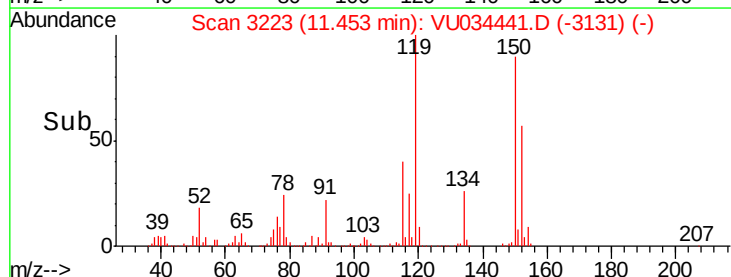
150000

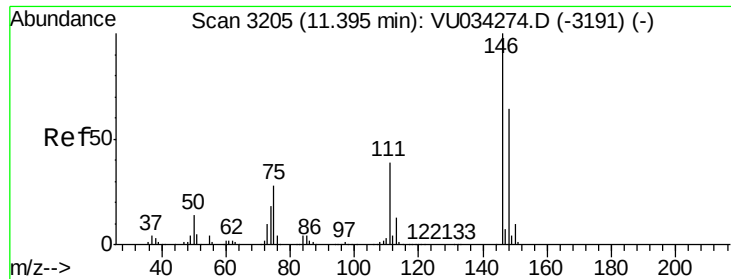
100000

50000

0

Time--> 11.40 11.45 11.50

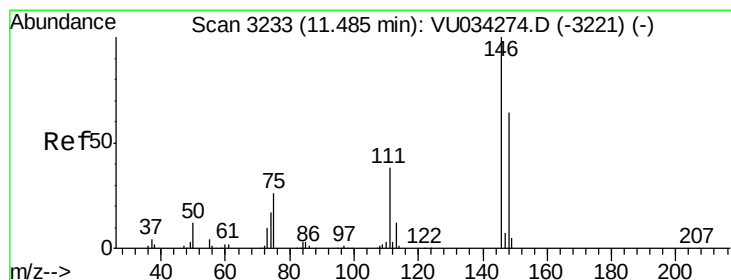
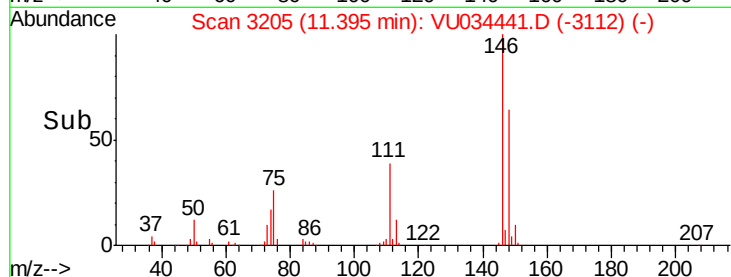
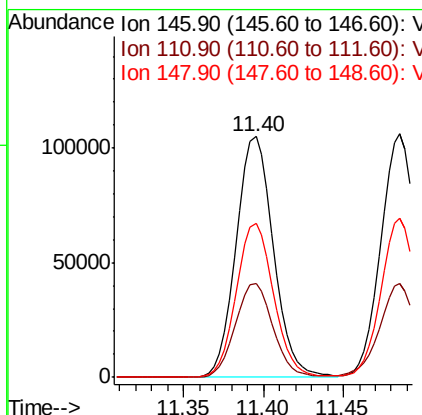
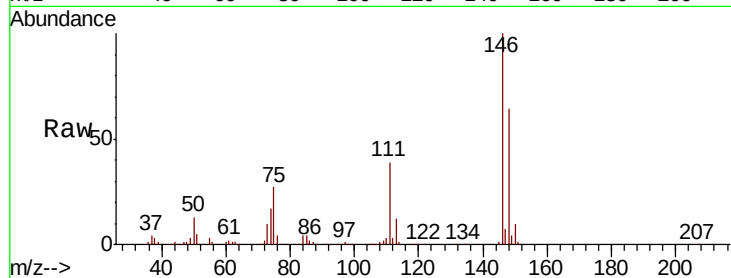




#87
 1,3-Dichlorobenzene
 Concen: 20.978 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

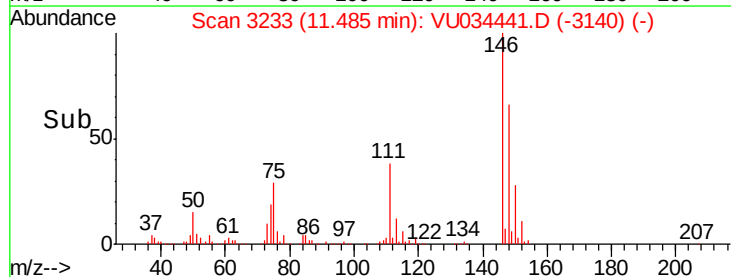
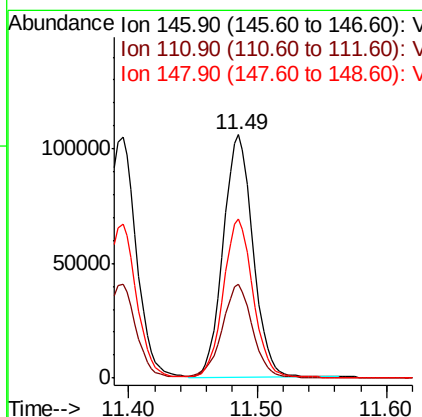
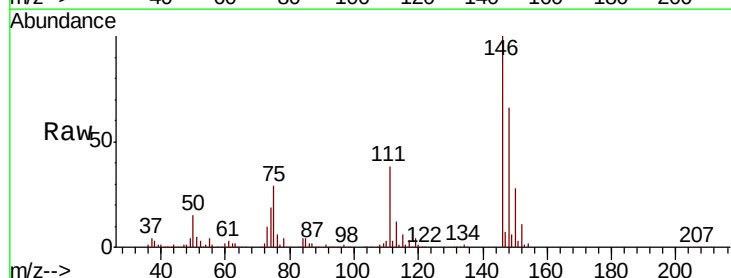
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

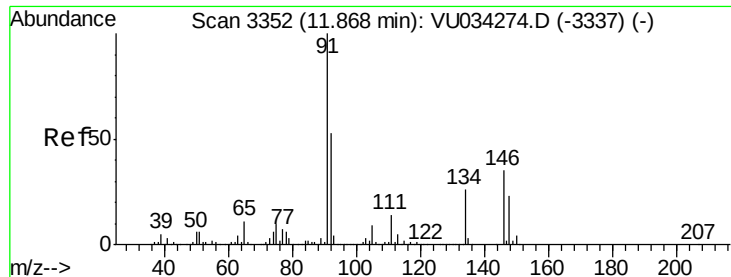
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	64.1	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.451 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.3
148	65.3	32.0	96.0





#89

n-Butylbenzene

Concen: 20.748 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VU034441.D

Acq: 10 Sep 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBS01

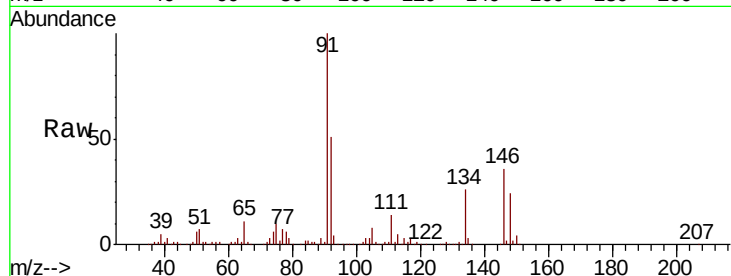
Tgt Ion: 91 Resp: 256336

Ion Ratio Lower Upper

91 100

92 51.5 26.5 79.4

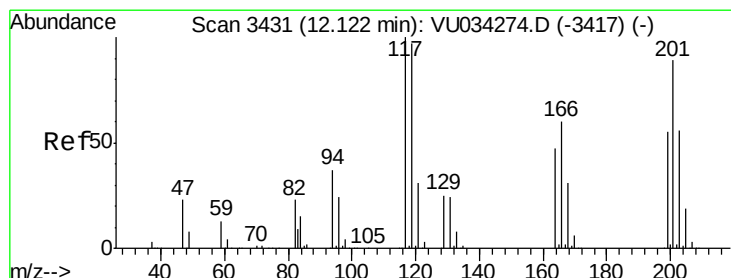
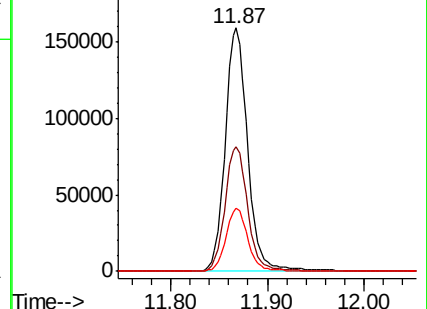
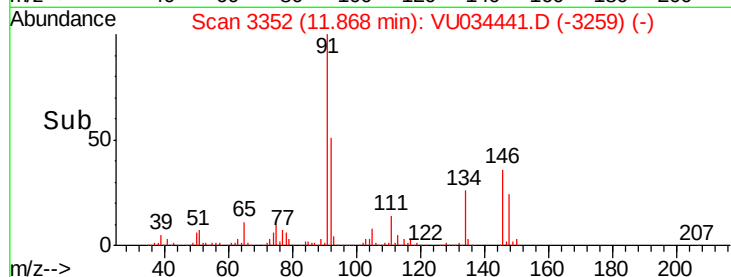
134 25.5 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VU034441.D (-3259) (-)

Ion 92.00 (91.70 to 92.70): VU034441.D (-3259) (-)

Ion 134.00 (133.70 to 134.70): VU034441.D (-3259) (-)



#90

Hexachloroethane

Concen: 21.073 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. 0.00 min

Lab File: VU034441.D

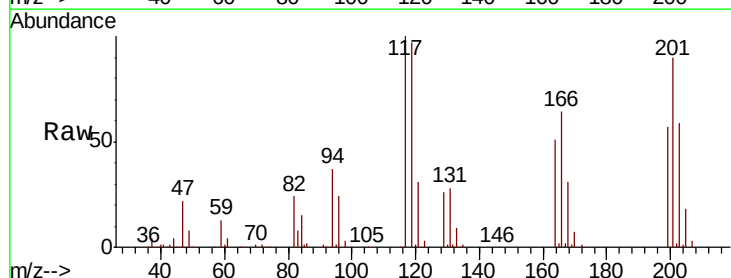
Acq: 10 Sep 2019 11:19

Tgt Ion: 117 Resp: 47931

Ion Ratio Lower Upper

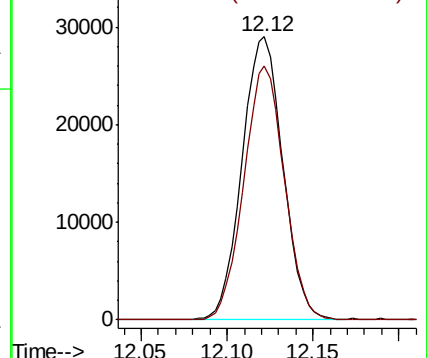
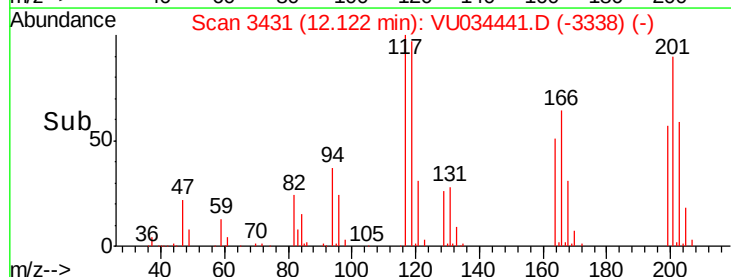
117 100

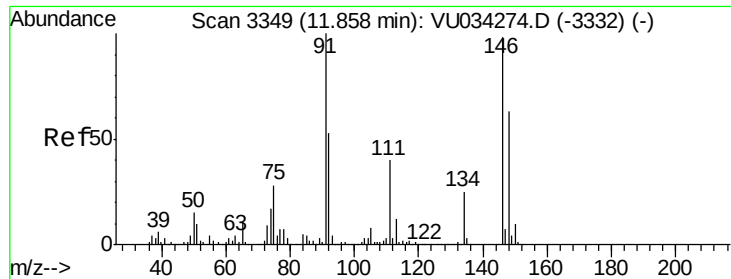
201 88.7 44.1 132.4



Abundance Ion 116.80 (116.50 to 117.50): VU034441.D (-3338) (-)

Ion 200.70 (200.40 to 201.40): VU034441.D (-3338) (-)

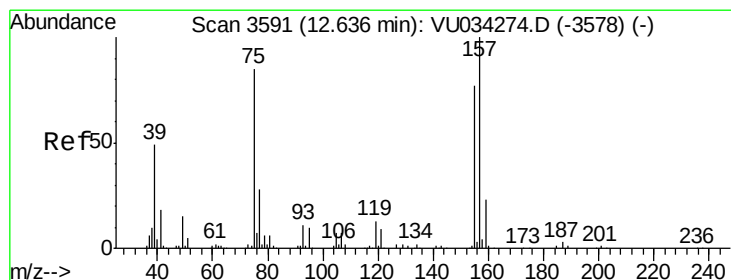
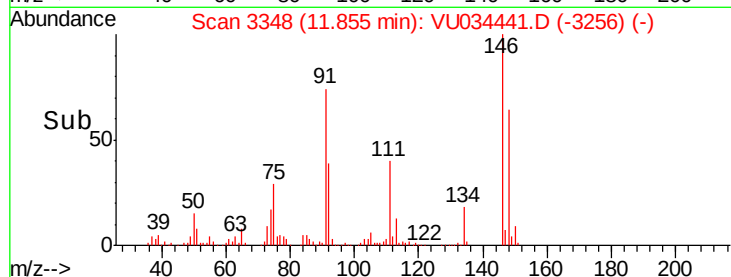
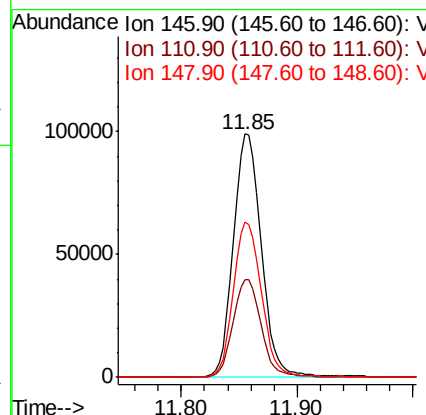
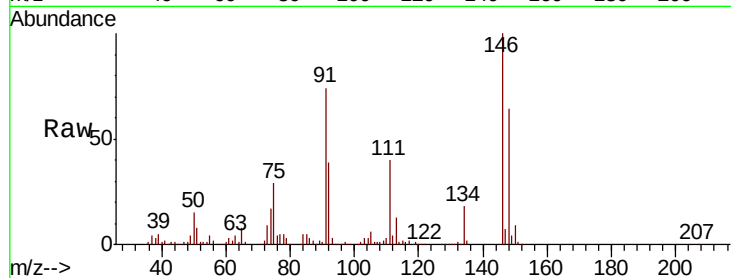




#91
 1,2-Dichlorobenzene
 Concen: 20.978 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

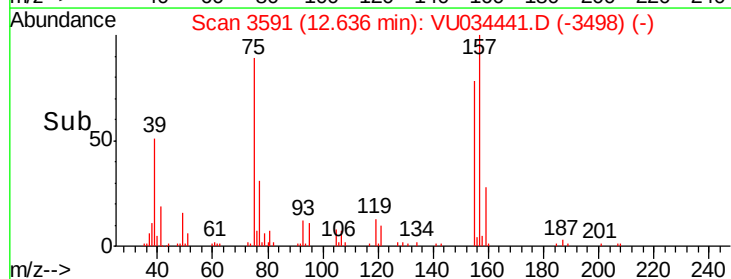
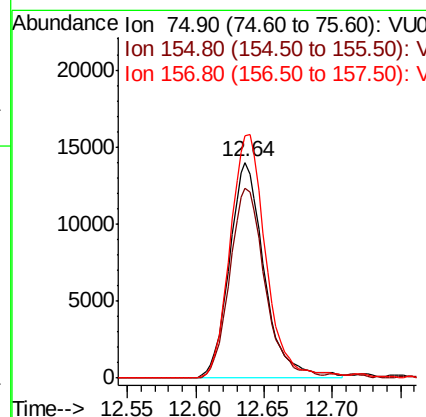
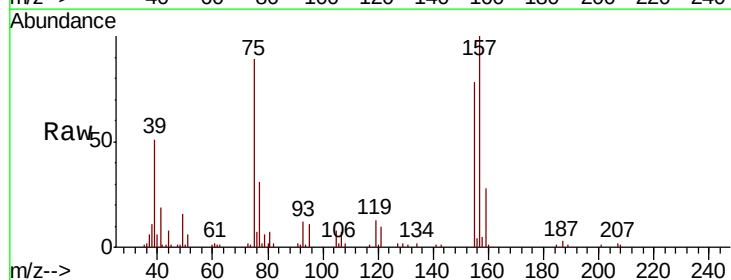
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

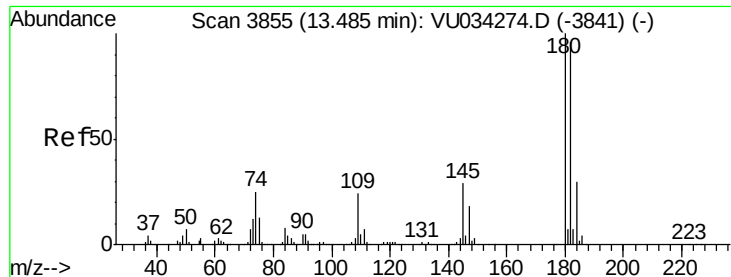
Tgt Ion: 146 Resp: 164038
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 64.5 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.485 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion: 75 Resp: 24921
 Ion Ratio Lower Upper
 75 100
 155 88.7 44.6 134.0
 157 115.3 58.2 174.6

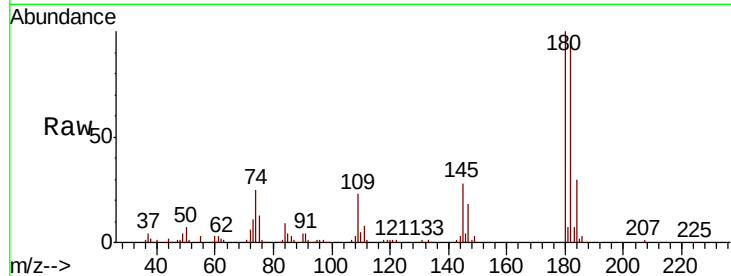




#93
 1,2,4-Trichlorobenzene
 Concen: 20.219 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.8
145	29.1	14.4	43.0

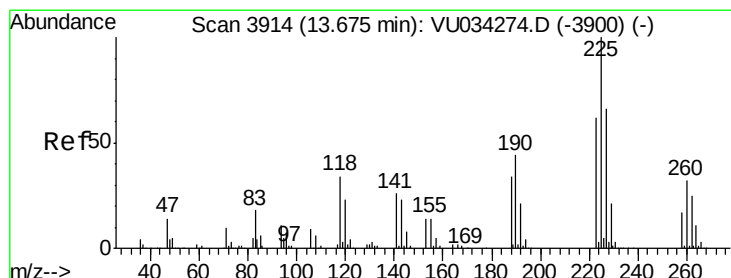
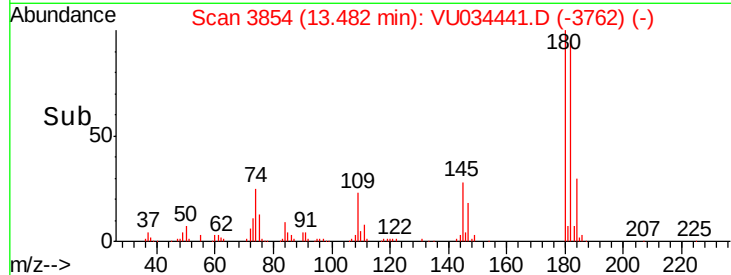
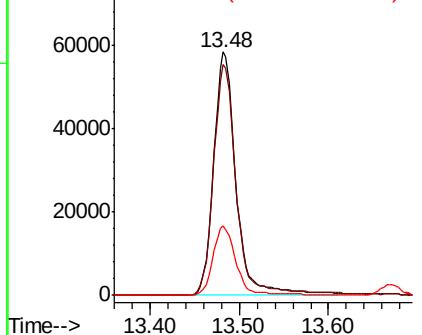


Abundance

Ion 179.80 (179.50 to 180.50): V

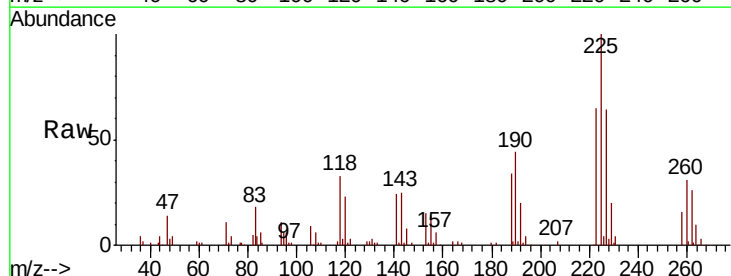
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.285 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034441.D
 Acq: 10 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.6	94.7
227	64.2	32.3	96.8

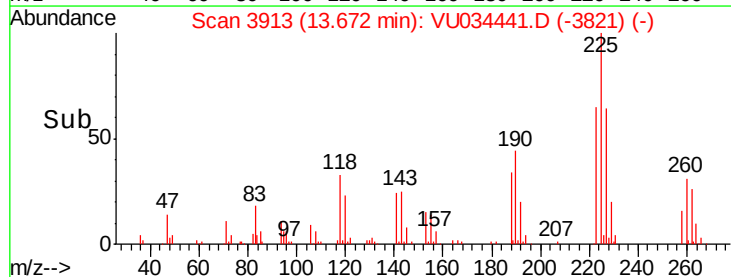
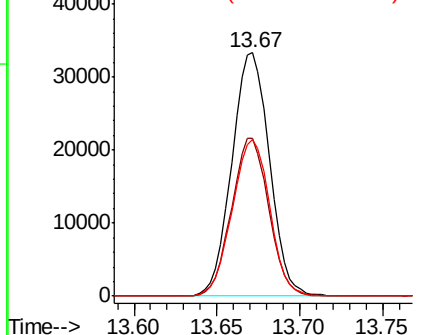


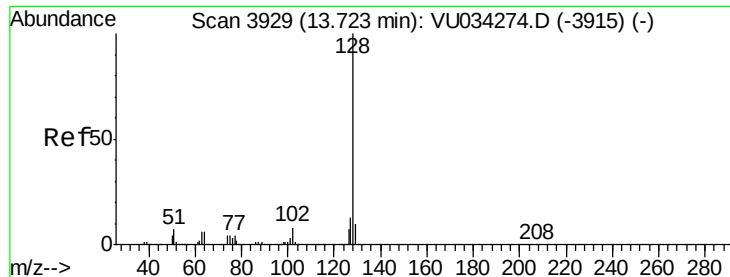
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

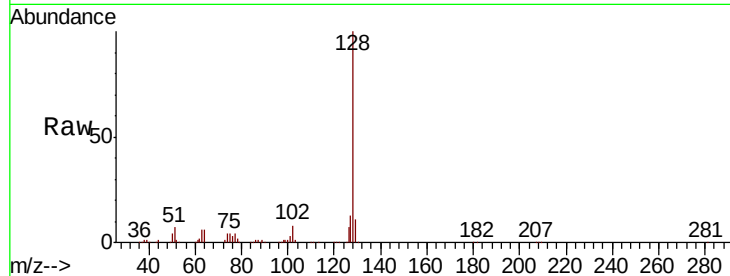




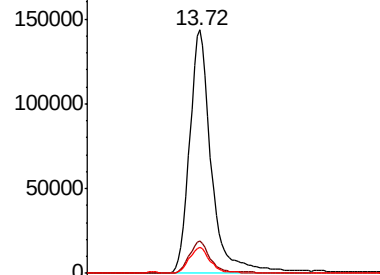
#95
Naphthalene
Concen: 18.937 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU0910WBS01

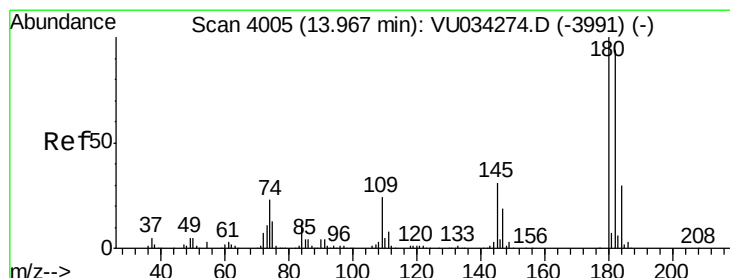
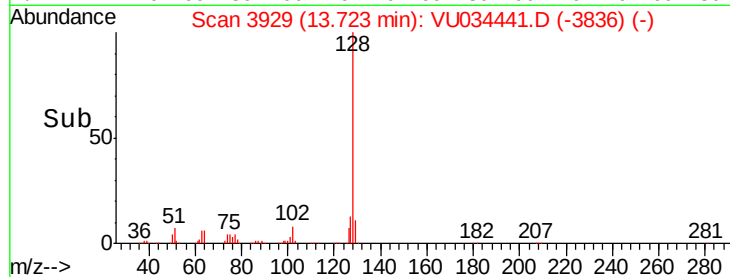
Tgt Ion:128 Resp: 259683
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.3 8.4 12.6



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

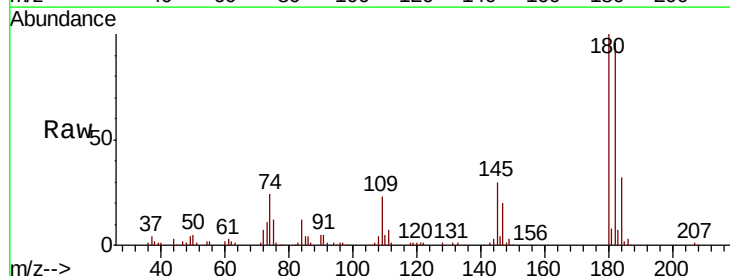


Time--> 13.60 13.70 13.80 13.90

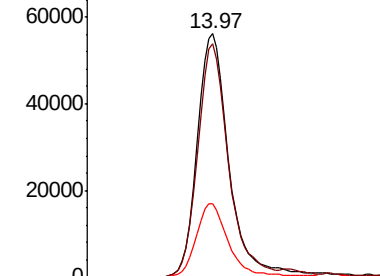


#96
1,2,3-Trichlorobenzene
Concen: 20.448 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034441.D
Acq: 10 Sep 2019 11:19

Tgt Ion:180 Resp: 102987
Ion Ratio Lower Upper
180 100
182 93.2 48.4 145.0
145 30.9 15.4 46.4



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



Time--> 13.90 14.00

