

Data File : VU034482.D
Acq On : 11 Sep 2019 18:19
Operator : JC/SP
Sample : VU0912WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

Quant Time: Sep 12 04:40:27 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	248778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	356894	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	354811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	238538	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	198858	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	4.86	113	181289	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
50) Toluene-d8	7.54	98	671466	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	10.29	95	248131	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	50764	19.511 ug/l	96
3) Chloromethane	1.32	50	61193	21.721 ug/l	99
4) Vinyl Chloride	1.40	62	62523	19.284 ug/l	100
5) Bromomethane	1.62	94	40447	22.216 ug/l	99
6) Chloroethane	1.69	64	42325	21.897 ug/l	99
7) Trichlorofluoromethane	1.88	101	92820	21.351 ug/l	99
8) Diethyl Ether	2.09	74	40942	21.411 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	61068	21.209 ug/l	100
10) Methyl Iodide	2.40	142	40179	17.925 ug/l	99
11) Tert butyl alcohol	2.81	59	91384	114.917 ug/l	96
12) 1,1-Dichloroethene	2.27	96	55471	20.494 ug/l	98
13) Acrolein	2.18	56	39034	58.402 ug/l	97
14) Allyl chloride	2.58	41	91624	17.706 ug/l	90
15) Acrylonitrile	2.92	53	215124	108.634 ug/l	97
16) Acetone	2.31	43	188786	96.918 ug/l	99
17) Carbon Disulfide	2.47	76	106193	17.456 ug/l	99
18) Methyl Acetate	2.60	43	99814	21.059 ug/l	99
19) Methyl tert-butyl Ether	2.98	73	217494	22.045 ug/l	99
20) Methylene Chloride	2.69	84	72855	22.616 ug/l	100
21) trans-1,2-Dichloroethene	2.97	96	59228	20.765 ug/l	96
22) Diisopropyl ether	3.55	45	227962	22.590 ug/l	95
23) Vinyl Acetate	3.50	43	885143	107.680 ug/l	99
24) 1,1-Dichloroethane	3.43	63	130467	21.649 ug/l	99
25) 2-Butanone	4.24	43	275822	106.078 ug/l	100
26) 2,2-Dichloropropane	4.20	77	104395	21.538 ug/l	98
27) cis-1,2-Dichloroethene	4.21	96	75429	21.774 ug/l	100
28) Bromochloromethane	4.52	49	64808	23.380 ug/l	98
29) Tetrahydrofuran	4.62	42	173465	109.633 ug/l	100
30) Chloroform	4.65	83	133181	21.741 ug/l	99
31) Cyclohexane	4.97	56	86985	19.729 ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	107121	21.872 ug/l	100
36) 1,1-Dichloropropene	5.12	75	80413	20.776 ug/l	99
37) Ethyl Acetate	4.36	43	101766	22.238 ug/l	98
38) Carbon Tetrachloride	5.11	117	90498	21.898 ug/l	98

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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	81308	19.651	ug/l	99
40) Benzene	5.37	78	272710	21.835	ug/l	100
41) Methacrylonitrile	4.52	41	54868	22.509	ug/l	99
42) 1,2-Dichloroethane	5.38	62	96523	22.260	ug/l	99
43) Isopropyl Acetate	5.53	43	152158	21.314	ug/l	99
44) Trichloroethene	6.17	130	73433	21.248	ug/l	99
45) 1,2-Dichloropropane	6.41	63	80772	22.122	ug/l	98
46) Dibromomethane	6.54	93	51199	22.340	ug/l	99
47) Bromodichloromethane	6.74	83	104173	22.082	ug/l	99
48) Methyl methacrylate	6.60	41	69958	20.632	ug/l	96
49) 1,4-Dioxane	6.59	88	29571	399.391	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	539813	109.240	ug/l	100
52) Toluene	7.62	92	174754	22.305	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	103783	21.222	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	119715	22.304	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	79871	22.451	ug/l	95
56) Ethyl methacrylate	8.00	69	103779	21.096	ug/l	100
57) 1,3-Dichloropropane	8.22	76	127448	22.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	165718	101.219	ug/l	99
59) 2-Hexanone	8.34	43	397626	107.712	ug/l	98
60) Dibromochloromethane	8.45	129	87481	22.926	ug/l	99
61) 1,2-Dibromoethane	8.57	107	78031	22.410	ug/l	99
64) Tetrachloroethene	8.21	164	65466	21.268	ug/l	98
65) Chlorobenzene	9.10	112	198627	22.065	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	77290	22.498	ug/l	99
67) Ethyl Benzene	9.23	91	319267	21.692	ug/l	100
68) m/p-Xylenes	9.35	106	247370	44.633	ug/l	99
69) o-Xylene	9.76	106	121695	22.452	ug/l	100
70) Styrene	9.77	104	216621	22.795	ug/l	99
71) Bromoform	9.94	173	67525	22.680	ug/l #	100
73) Isopropylbenzene	10.14	105	331012	21.323	ug/l	100
74) N-amyl acetate	9.99	43	128011	20.486	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.43	83	135787	21.610	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	144692	27.789	ug/l	87
77) Bromobenzene	10.43	156	94150	21.691	ug/l	99
78) n-propylbenzene	10.57	91	385085	21.479	ug/l	100
79) 2-Chlorotoluene	10.64	91	238783	21.829	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	291475	22.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	145450	93.941	ug/l #	100
82) 4-Chlorotoluene	10.75	91	276134	21.935	ug/l	100
83) tert-Butylbenzene	11.08	119	280564	21.602	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	294279	22.518	ug/l	99
85) sec-Butylbenzene	11.30	105	338214	22.058	ug/l	99
86) p-Isopropyltoluene	11.45	119	310922	21.970	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	171573	21.662	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	173366	20.985	ug/l	99
89) n-Butylbenzene	11.87	91	256075	20.822	ug/l	99
90) Hexachloroethane	12.12	117	50164	22.155	ug/l	97
91) 1,2-Dichlorobenzene	11.85	146	168352	21.627	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	25358	21.962	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
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ClientSampleId :
VU0912WBS01

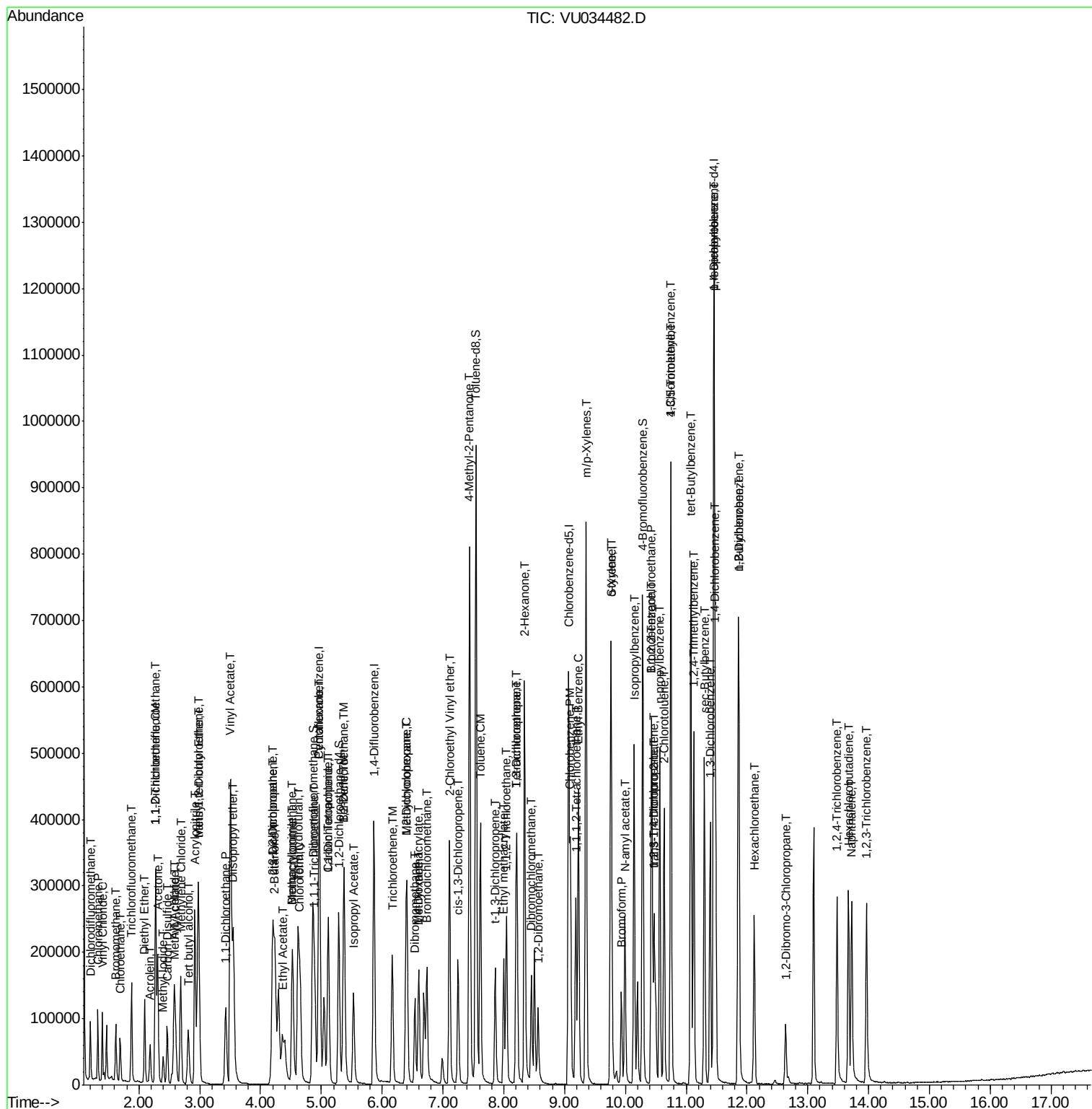
Quant Time: Sep 12 04:40:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

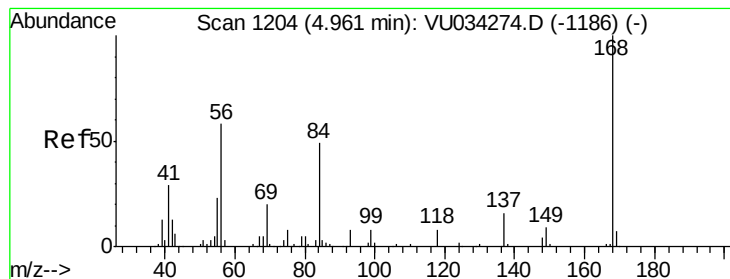
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	102854	20.413	ug/l	99
94) Hexachlorobutadiene	13.67	225	59957	22.020	ug/l	98
95) Naphthalene	13.72	128	257087	18.854	ug/l	98
96) 1,2,3-Trichlorobenzene	13.97	180	105591	20.981	ug/l	96

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

Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

Quant Time: Sep 12 04:40:27 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

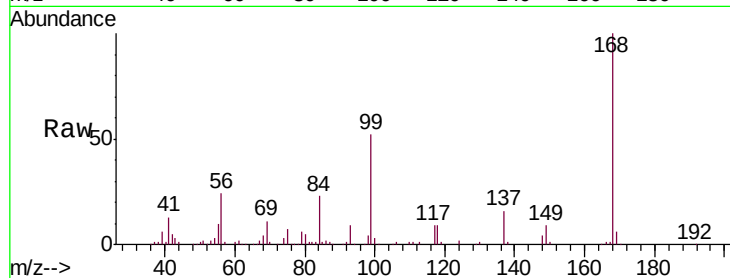
VU0912WBS01

Tgt Ion:168 Resp: 248778

Ion Ratio Lower Upper

168 100

99 51.5 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

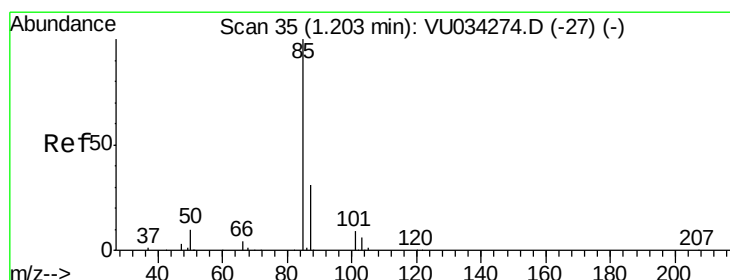
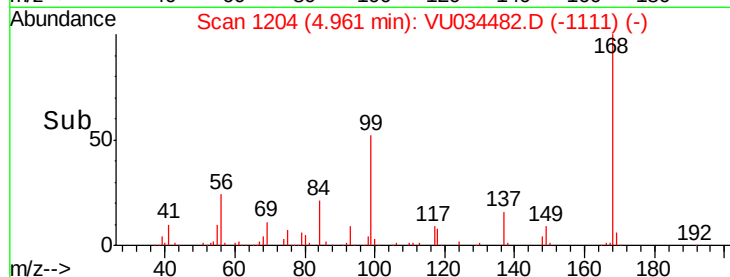
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.511 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034482.D

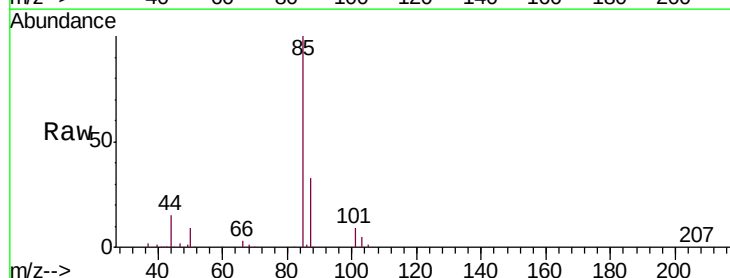
Acq: 11 Sep 2019 18:19

Tgt Ion: 85 Resp: 50764

Ion Ratio Lower Upper

85 100

87 33.3 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

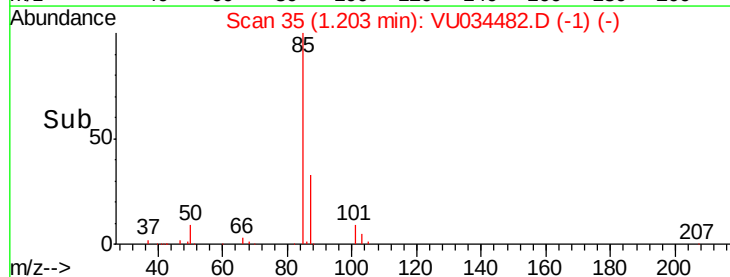
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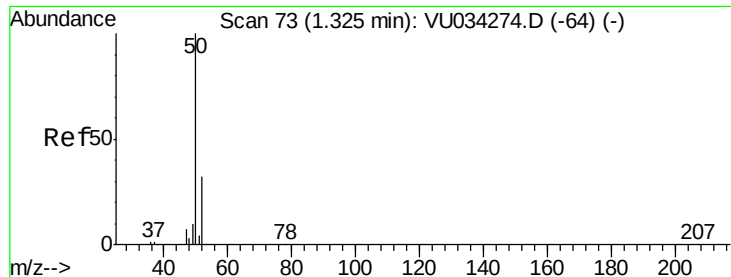
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 21.721 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

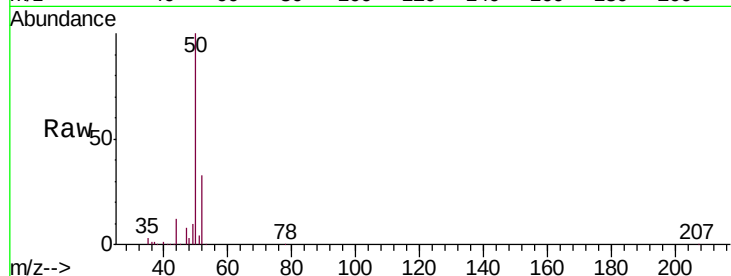
VU0912WBS01

Tgt Ion: 50 Resp: 61193

Ion Ratio Lower Upper

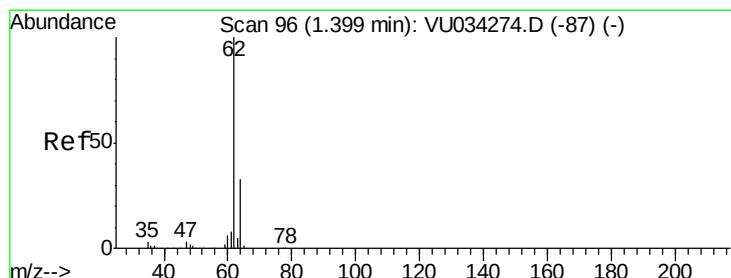
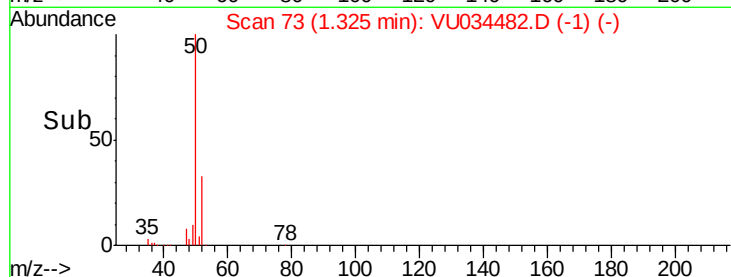
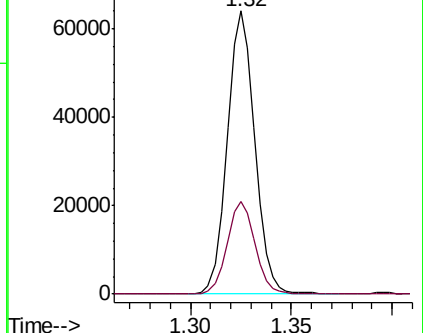
50 100

52 32.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VU034482.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU034482.D (-1) (-)



#4

Vinyl Chloride

Concen: 19.284 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034482.D

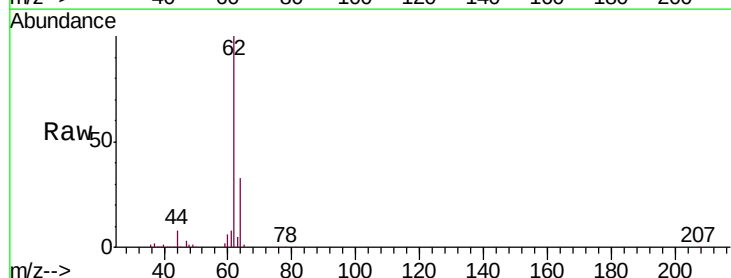
Acq: 11 Sep 2019 18:19

Tgt Ion: 62 Resp: 62523

Ion Ratio Lower Upper

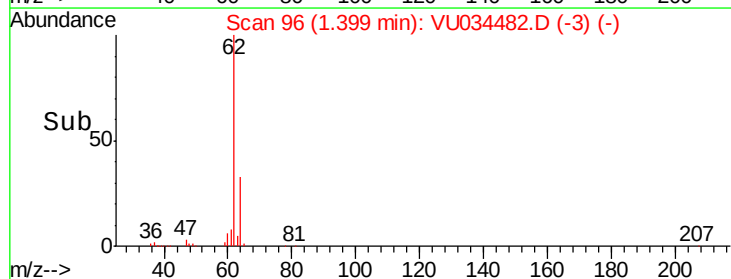
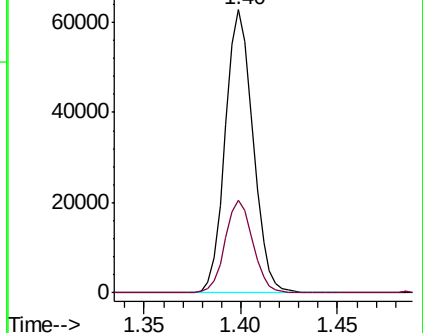
62 100

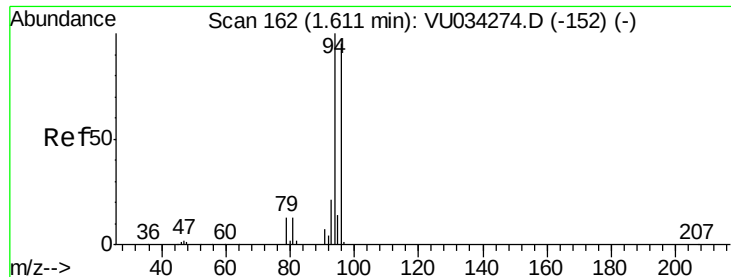
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VU034482.D (-3) (-)

Ion 63.90 (63.60 to 64.60): VU034482.D (-3) (-)





#5

Bromomethane

Concen: 22.216 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

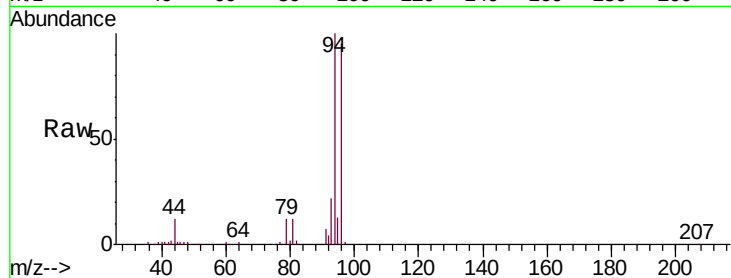
VU0912WBS01

Tgt Ion: 94 Resp: 40447

Ion Ratio Lower Upper

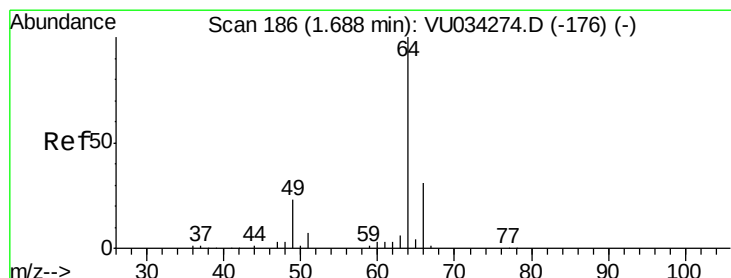
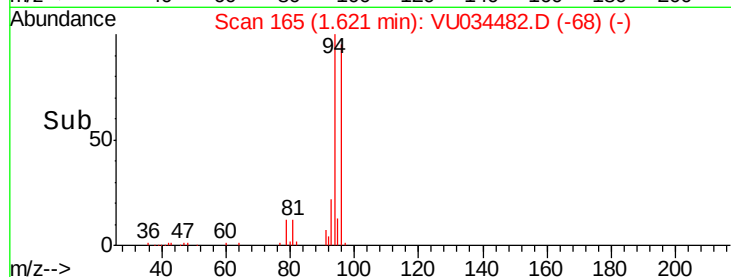
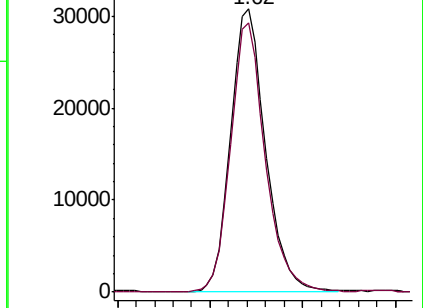
94 100

96 95.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034482.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034482.D (-152) (-)



#6

Chloroethane

Concen: 21.897 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU034482.D

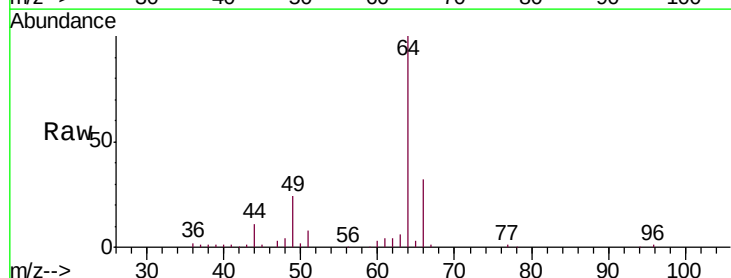
Acq: 11 Sep 2019 18:19

Tgt Ion: 64 Resp: 42325

Ion Ratio Lower Upper

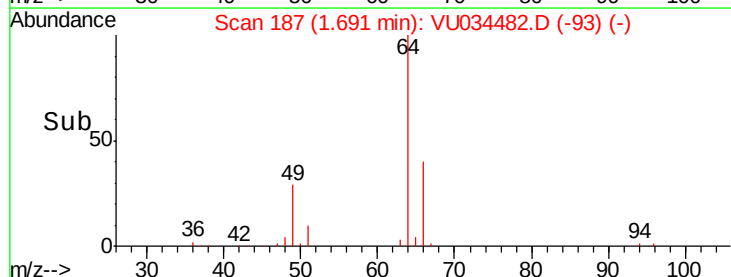
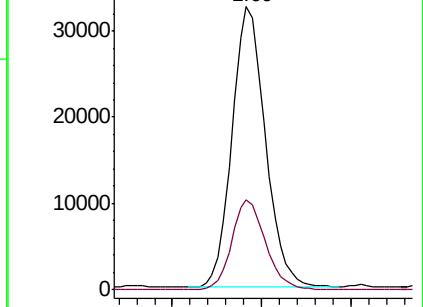
64 100

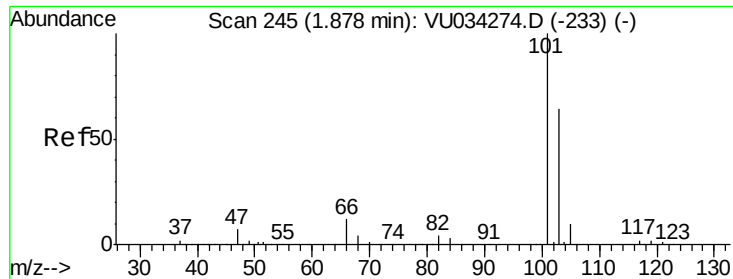
66 32.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034482.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034482.D (-176) (-)





#7

Trichlorofluoromethane

Concen: 21.351 ug/l

RT: 1.88 min Scan# 245

Delta R.T. 0.00 min

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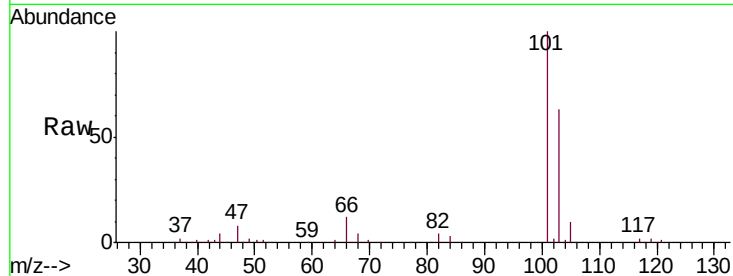
VU0912WBS01

Tgt Ion:101 Resp: 92820

Ion Ratio Lower Upper

101 100

103 63.1 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.88

80000

60000

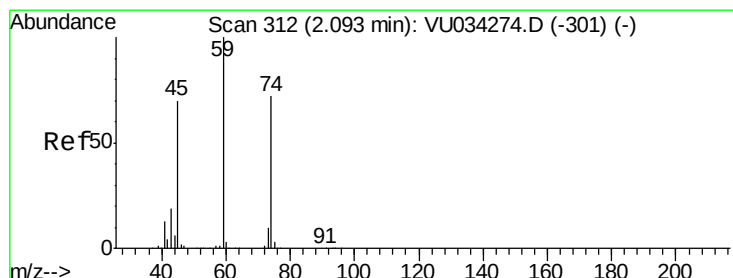
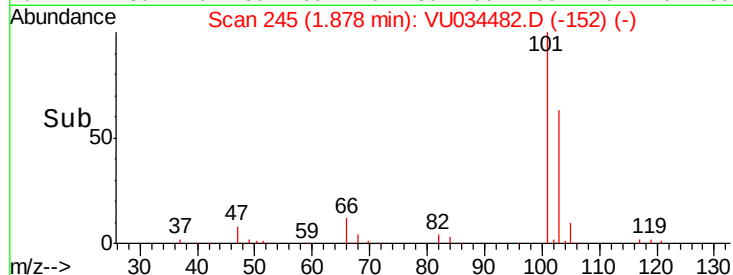
40000

20000

0

Time-->

1.80 1.85 1.90 1.95



#8

Diethyl Ether

Concen: 21.411 ug/l

RT: 2.09 min Scan# 312

Delta R.T. 0.00 min

Lab File: VU034482.D

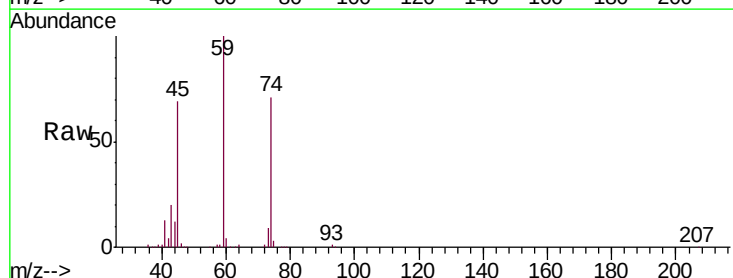
Acq: 11 Sep 2019 18:19

Tgt Ion: 74 Resp: 40942

Ion Ratio Lower Upper

74 100

45 93.3 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

2.09

30000

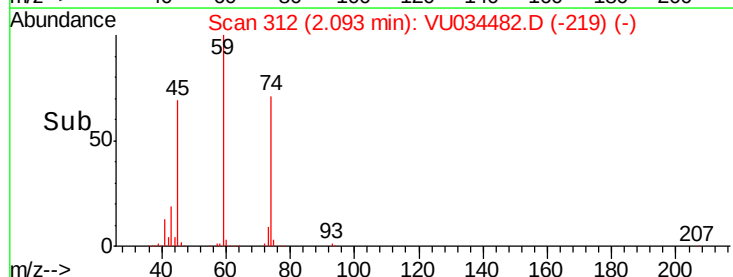
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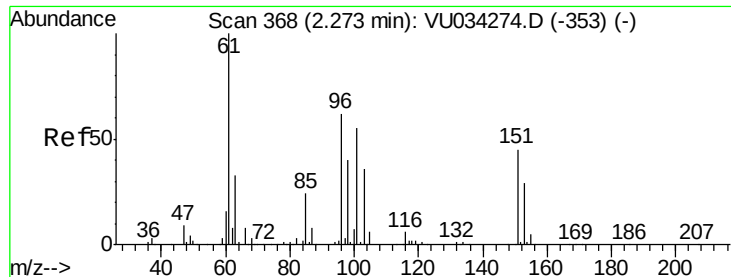
10000

0

Time-->

2.05 2.10 2.15





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.209 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034482.D

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VU0912WBS01

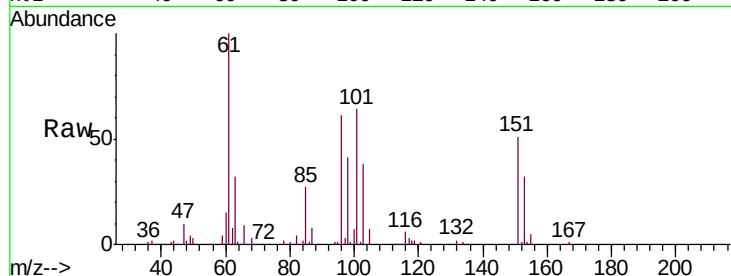
Tgt Ion:101 Resp: 61068

Ion Ratio Lower Upper

101 100

85 43.4 34.4 51.6

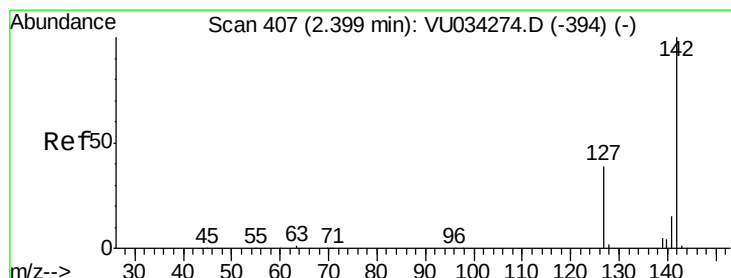
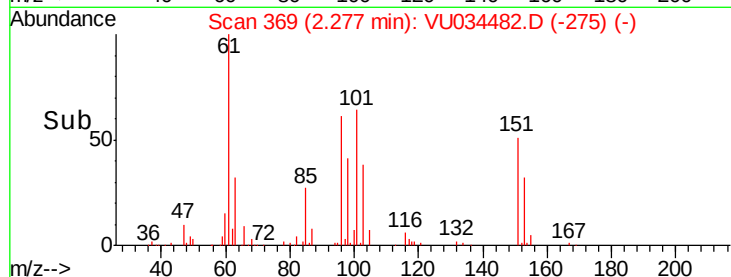
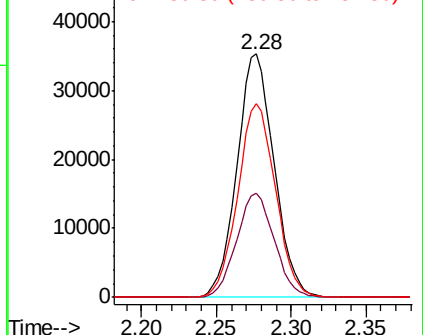
151 80.8 64.4 96.6



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: 17.925 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

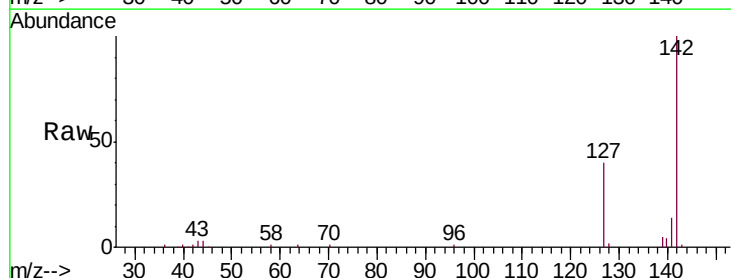
Tgt Ion:142 Resp: 40179

Ion Ratio Lower Upper

142 100

127 40.9 32.1 48.1

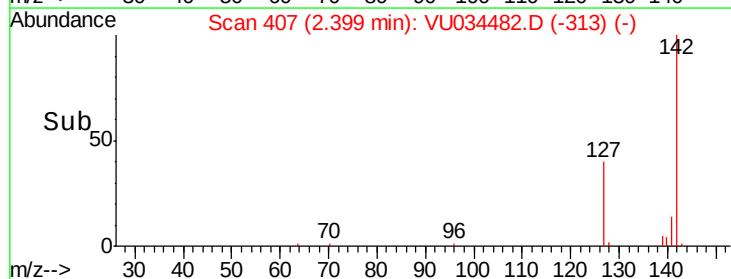
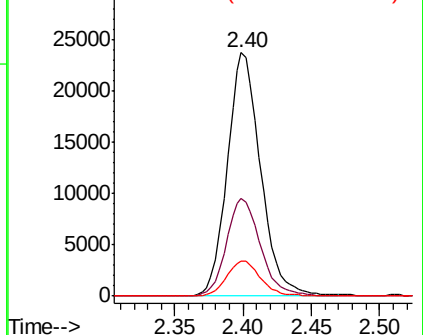
141 14.5 11.5 17.3

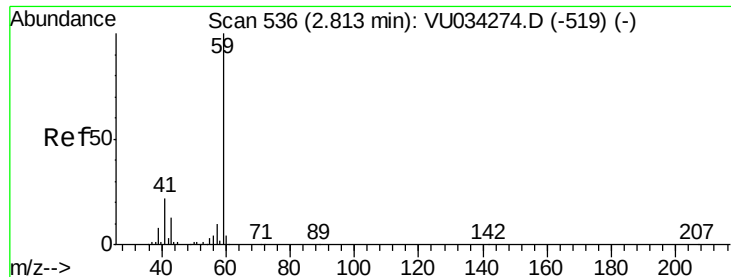


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



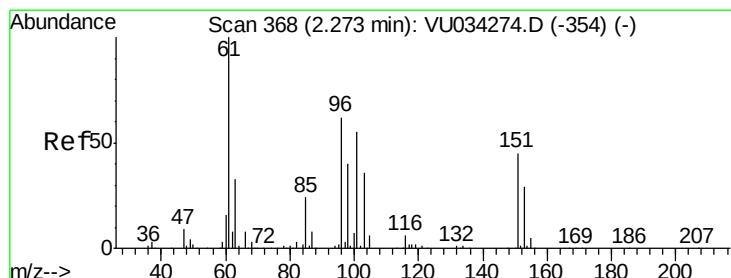
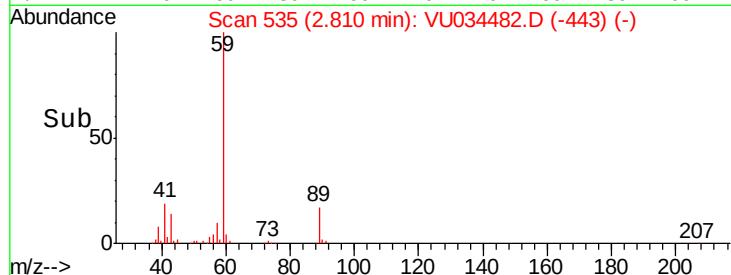
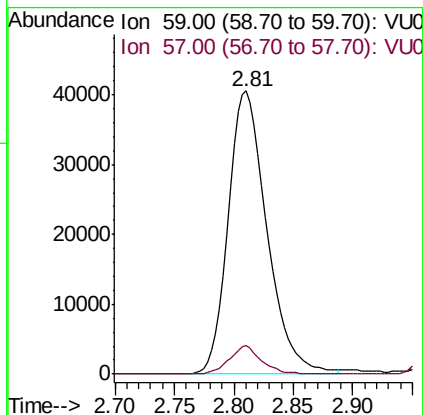
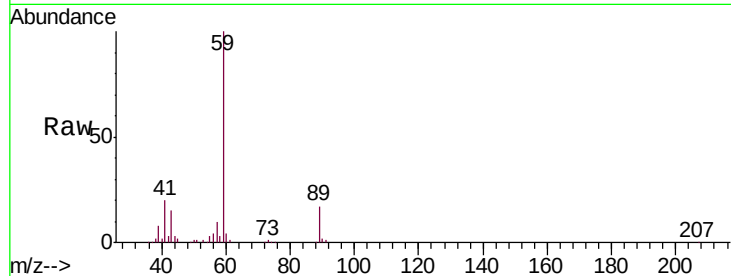


#11

Tert butyl alcohol
 Concen: 114.917 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

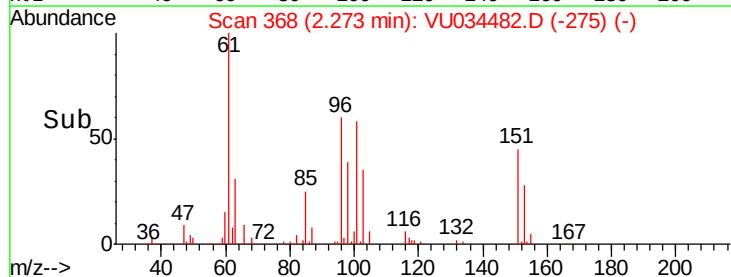
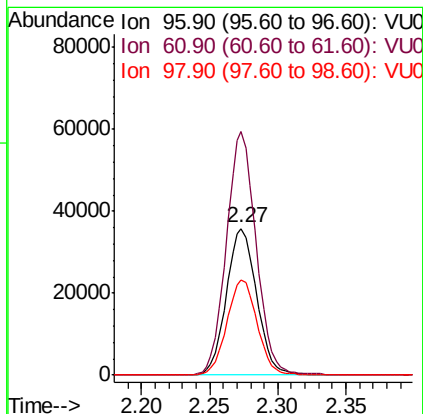
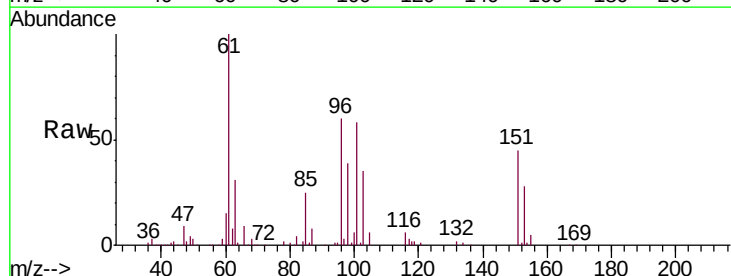
Tgt Ion: 59 Resp: 91384
 Ion Ratio Lower Upper
 59 100
 57 8.2 7.9 11.9

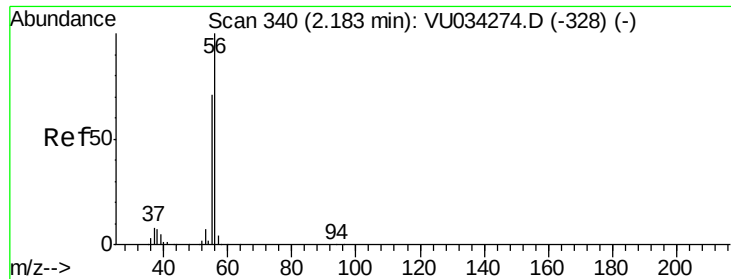


#12

1,1-Dichloroethene
 Concen: 20.494 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion: 96 Resp: 55471
 Ion Ratio Lower Upper
 96 100
 61 166.0 130.0 195.0
 98 65.0 52.2 78.4





#13

Acrolein

Concen: 58.402 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

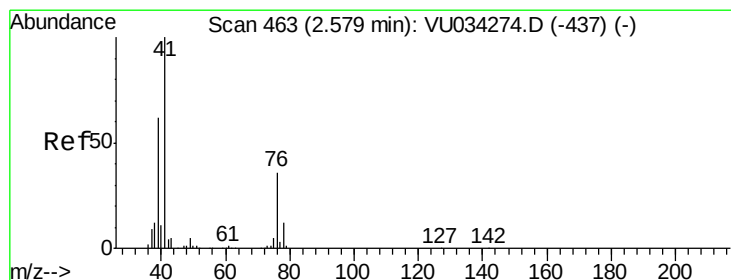
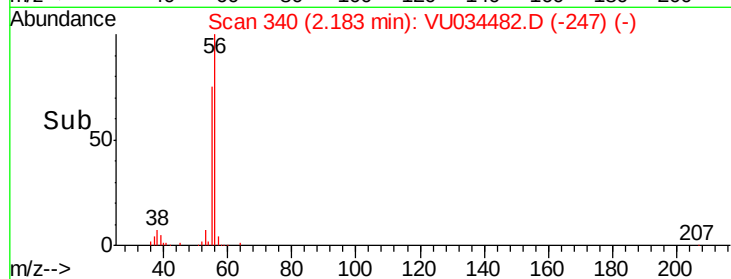
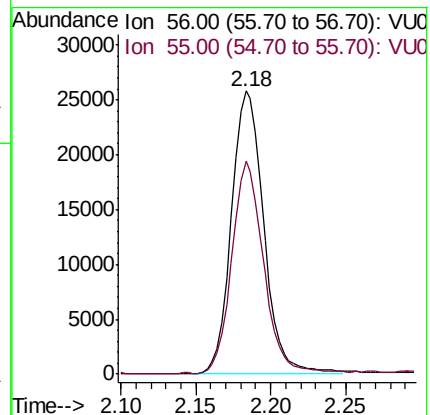
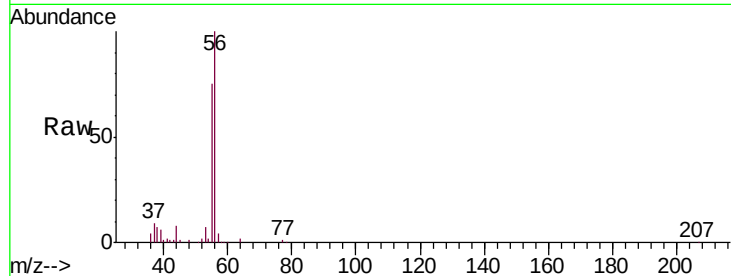
VU0912WBS01

Tgt Ion: 56 Resp: 39034

Ion Ratio Lower Upper

56 100

55 74.4 57.4 86.2



#14

Allyl chloride

Concen: 17.706 ug/l

RT: 2.58 min Scan# 464

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

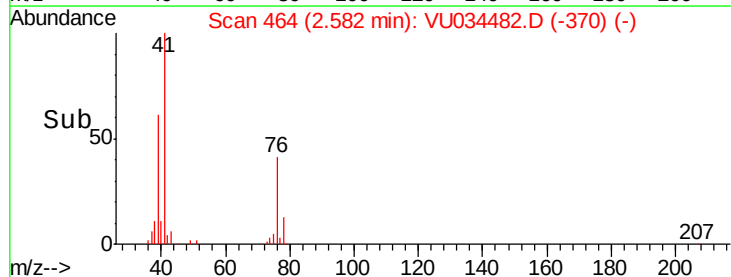
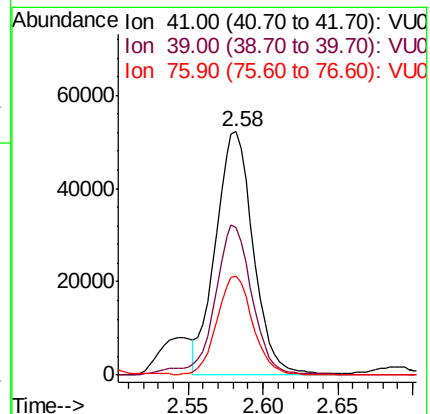
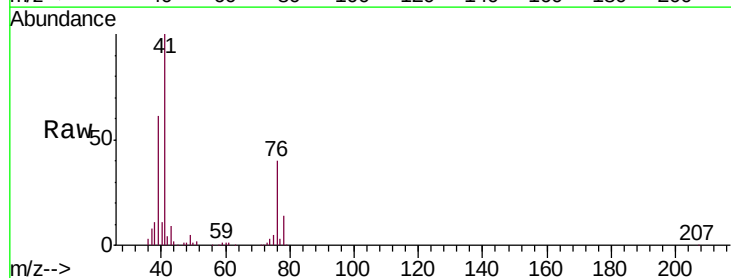
Tgt Ion: 41 Resp: 91624

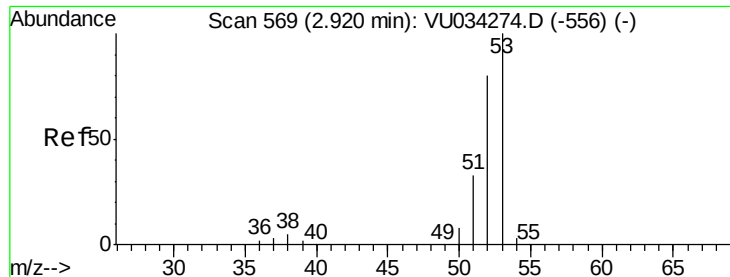
Ion Ratio Lower Upper

41 100

39 61.8 43.5 65.3

76 38.9 27.0 40.6





#15

Acrylonitrile

Concen: 108.634 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

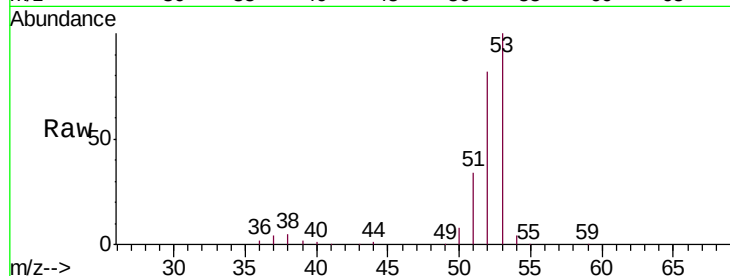
Tgt Ion: 53 Resp: 215124

Ion Ratio Lower Upper

53 100

52 83.1 64.1 96.1

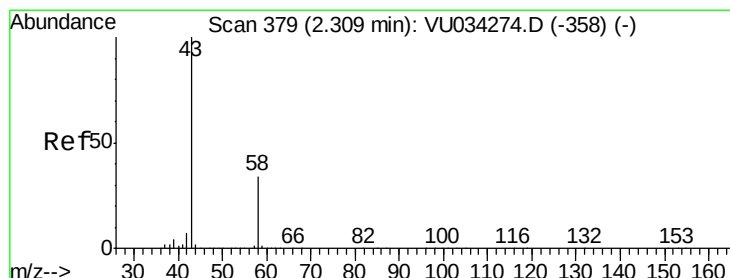
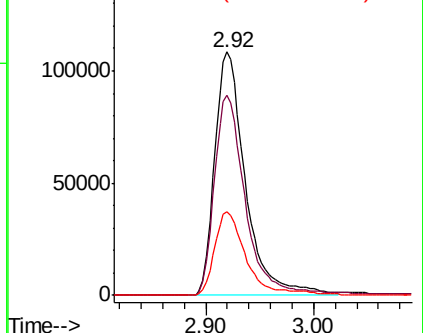
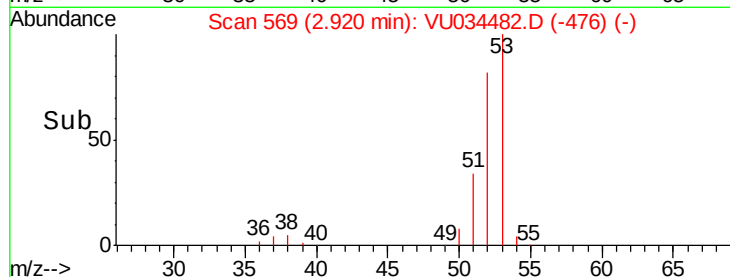
51 35.5 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU034482.D (-476) (-)

Ion 52.00 (51.70 to 52.70): VU034482.D (-476) (-)

Ion 51.00 (50.70 to 51.70): VU034482.D (-476) (-)



#16

Acetone

Concen: 96.918 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034482.D

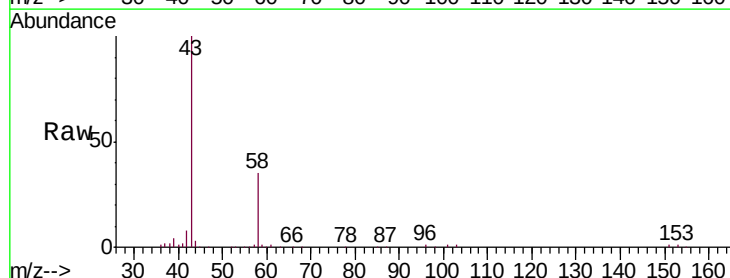
Acq: 11 Sep 2019 18:19

Tgt Ion: 43 Resp: 188786

Ion Ratio Lower Upper

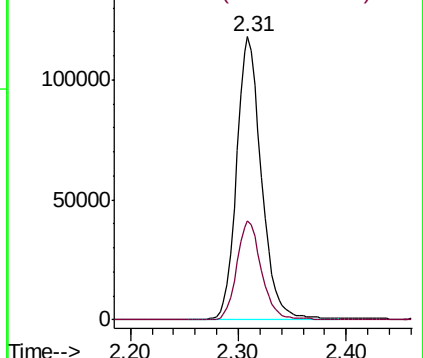
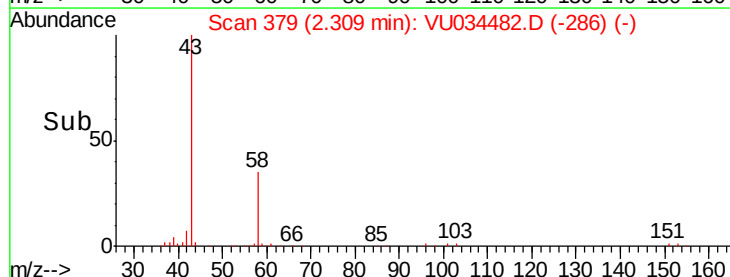
43 100

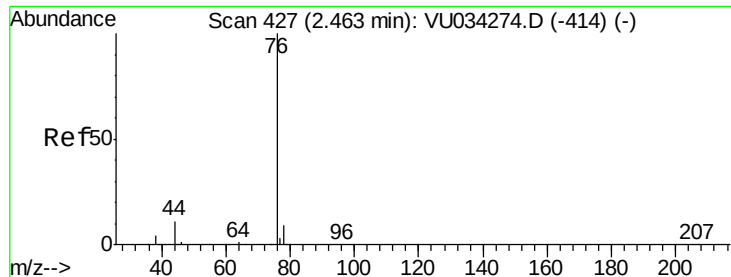
58 35.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034482.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034482.D (-286) (-)





#17

Carbon Disulfide

Concen: 17.456 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

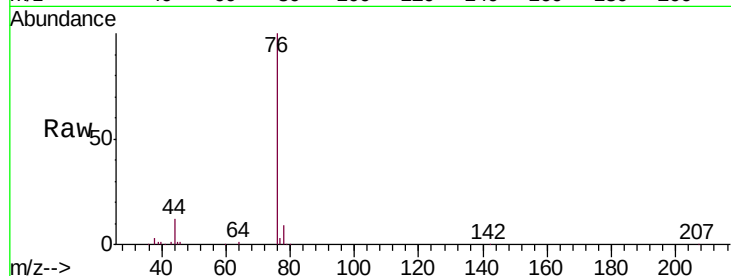
VU0912WBS01

Tgt Ion: 76 Resp: 106193

Ion Ratio Lower Upper

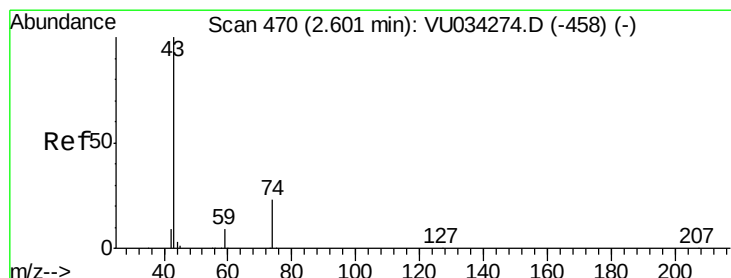
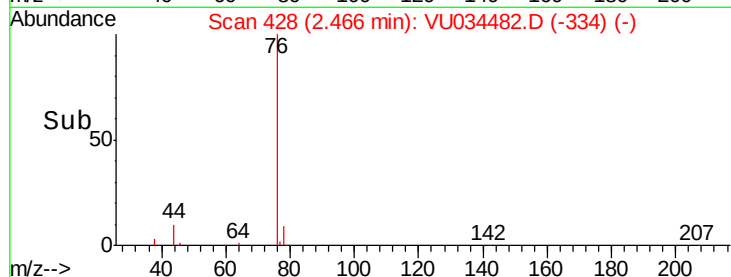
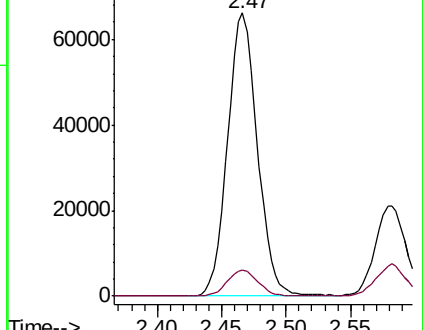
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU034482.D (-334) (-)

Ion 77.90 (77.60 to 78.60): VU034482.D (-334) (-)



#18

Methyl Acetate

Concen: 21.059 ug/l

RT: 2.60 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU034482.D

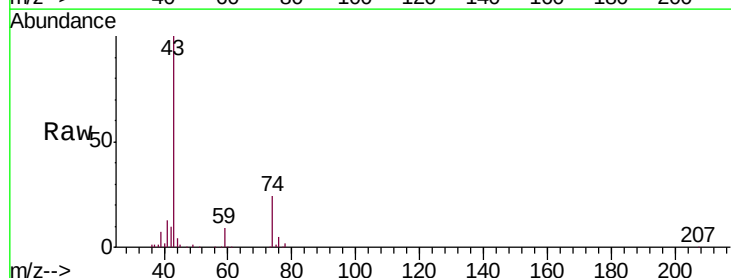
Acq: 11 Sep 2019 18:19

Tgt Ion: 43 Resp: 99814

Ion Ratio Lower Upper

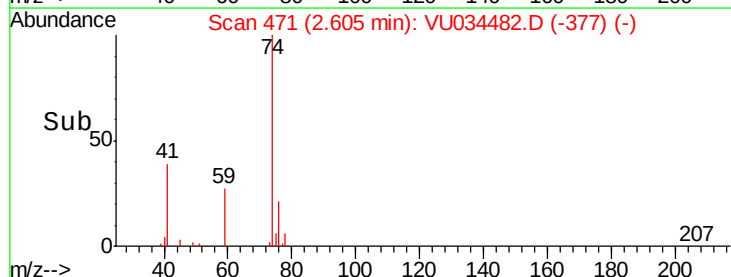
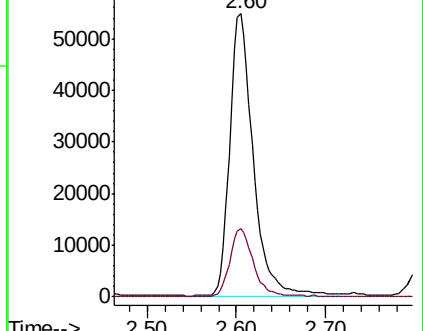
43 100

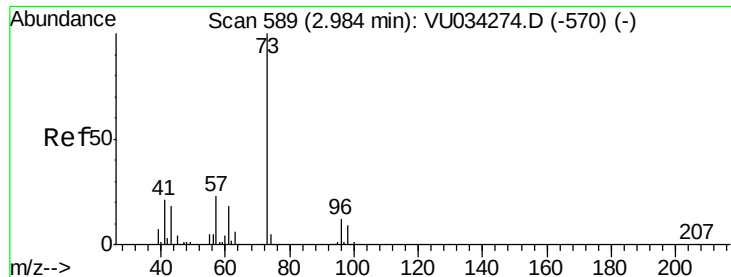
74 24.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VU034482.D (-377) (-)

Ion 74.00 (73.70 to 74.70): VU034482.D (-377) (-)

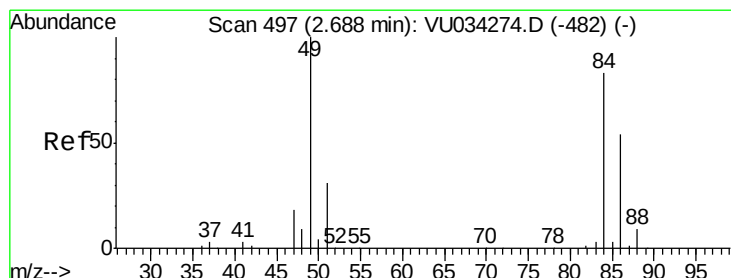
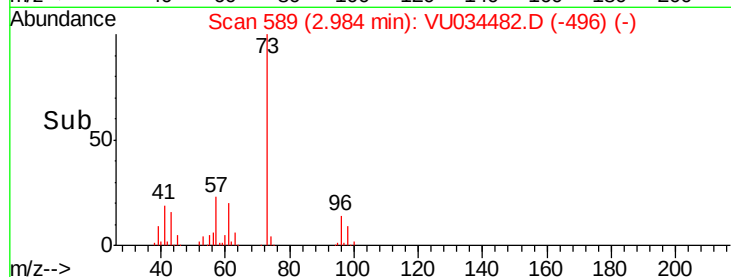
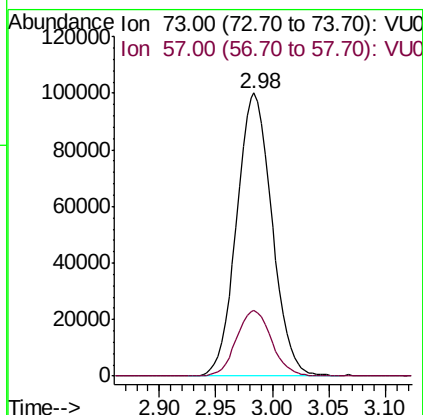
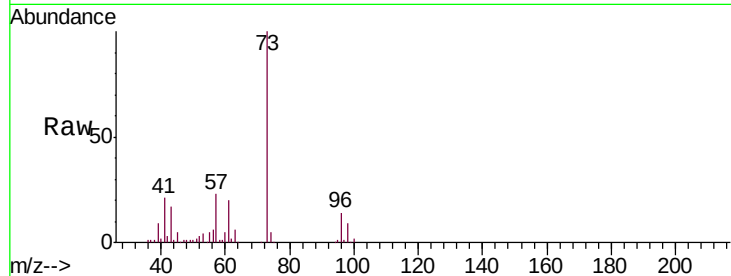




#19
Methyl tert-butyl Ether
Concen: 22.045 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

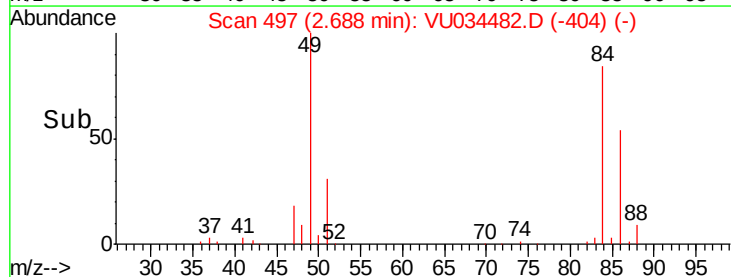
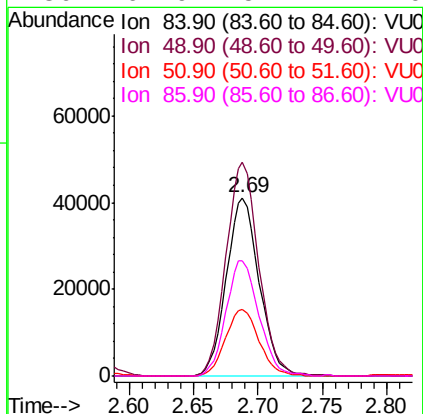
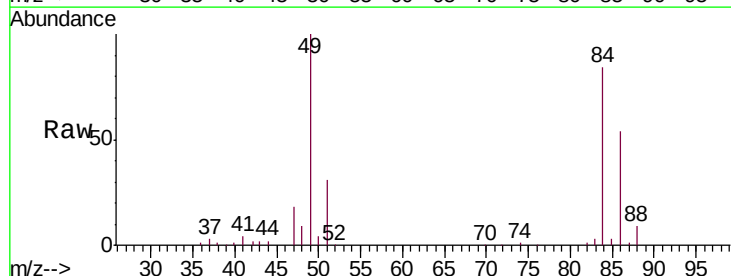
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

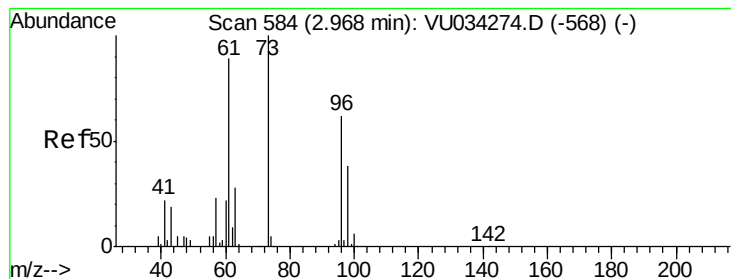
Tgt Ion: 73 Resp: 217494
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4



#20
Methylene Chloride
Concen: 22.616 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion: 84 Resp: 72855
Ion Ratio Lower Upper
84 100
49 119.7 96.0 144.0
51 37.3 30.0 45.0
86 64.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.765 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

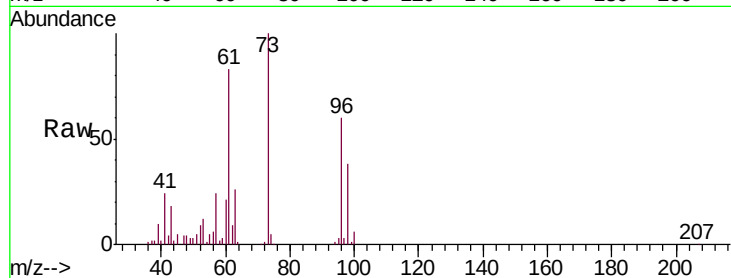
Tgt Ion: 96 Resp: 59228

Ion Ratio Lower Upper

96 100

61 138.1 114.8 172.2

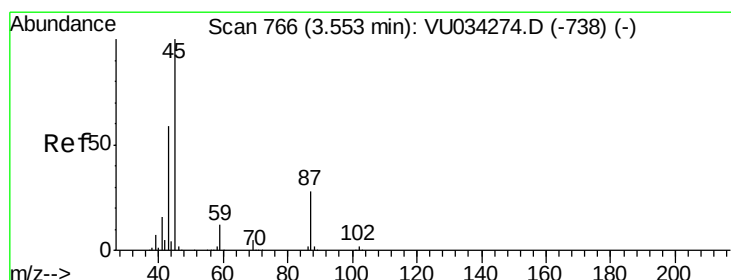
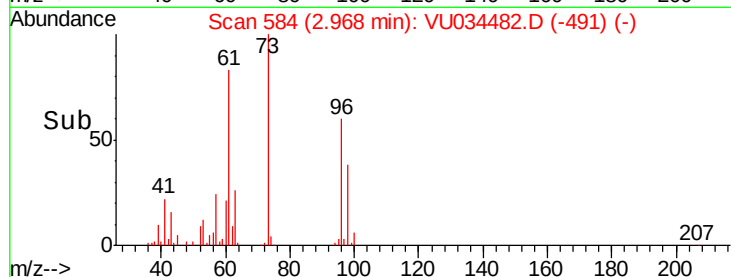
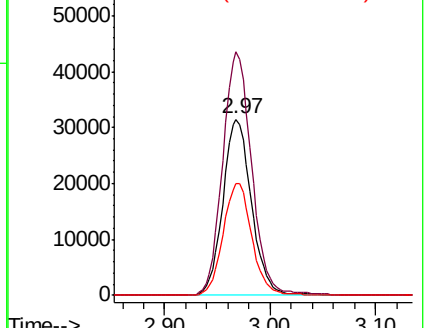
98 63.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034482.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034482.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034482.D (-491) (-)



#22

Diisopropyl ether

Concen: 22.590 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Tgt Ion: 45 Resp: 227962

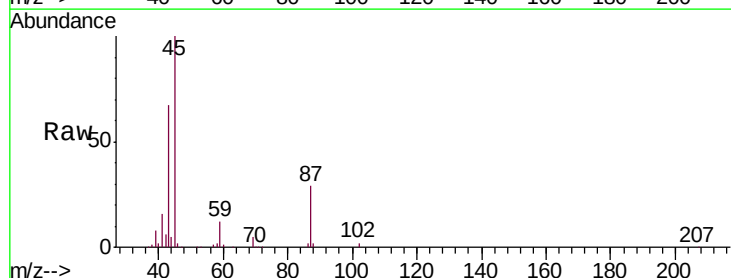
Ion Ratio Lower Upper

45 100

43 64.8 47.5 71.3

87 29.0 22.2 33.4

59 12.1 9.4 14.2

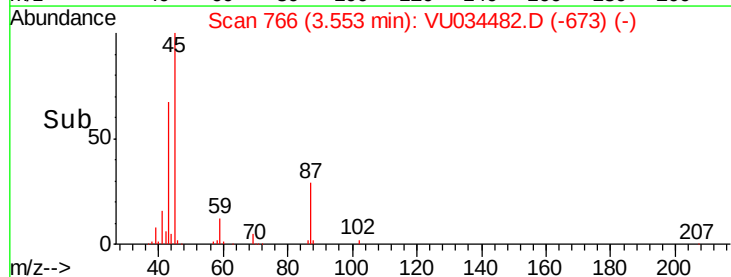
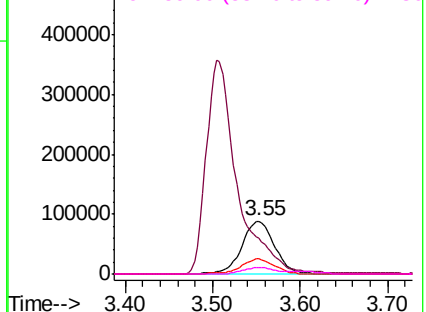


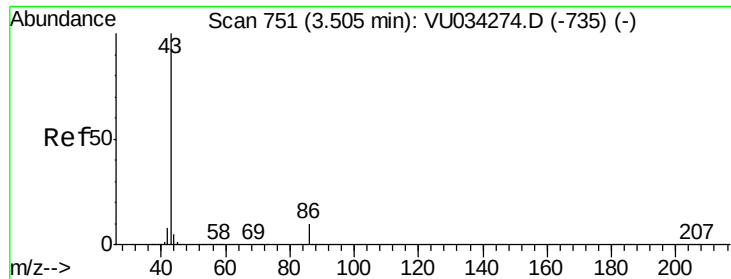
Abundance Ion 45.00 (44.70 to 45.70): VU034482.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VU034482.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VU034482.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VU034482.D (-673) (-)





#23

Vinyl Acetate

Concen: 107.680 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

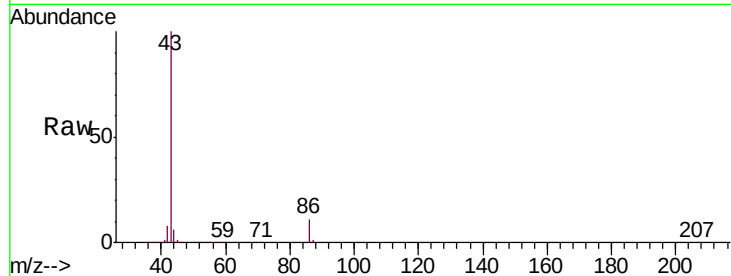
VU0912WBS01

Tgt Ion: 43 Resp: 885143

Ion Ratio Lower Upper

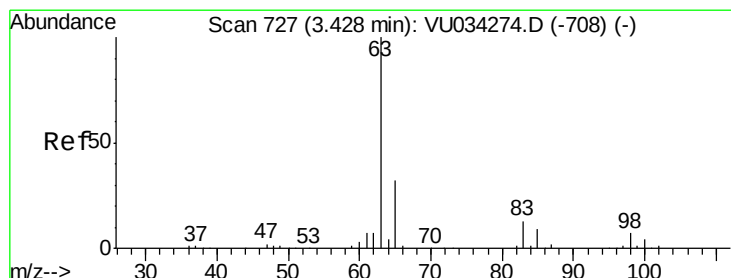
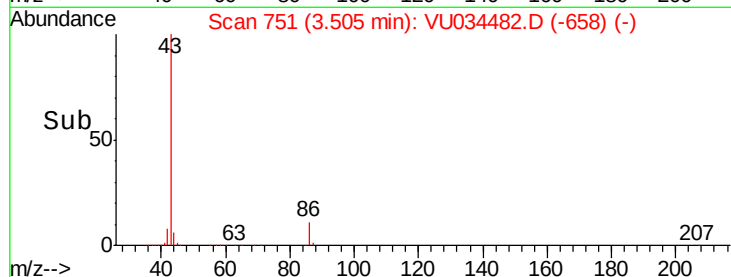
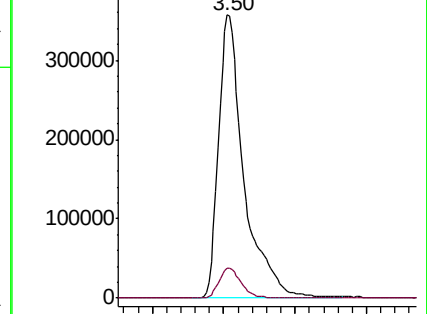
43 100

86 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034482.D (-658) (-)

Ion 86.00 (85.70 to 86.70): VU034482.D (-658) (-)



#24

1,1-Dichloroethane

Concen: 21.649 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

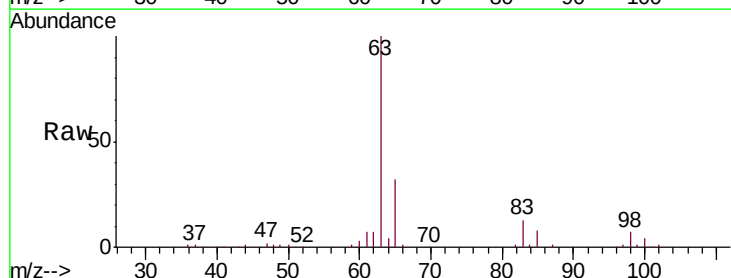
Tgt Ion: 63 Resp: 130467

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

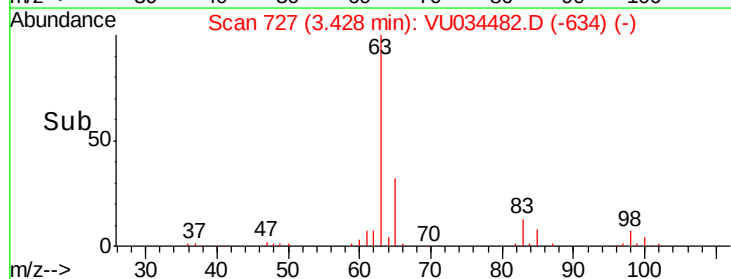
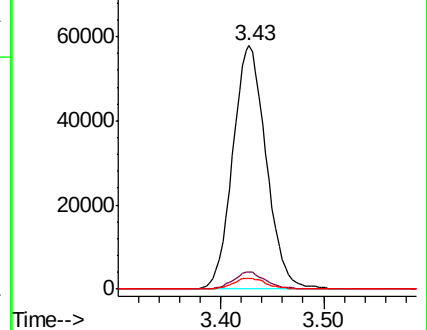
100 4.3 2.1 6.5

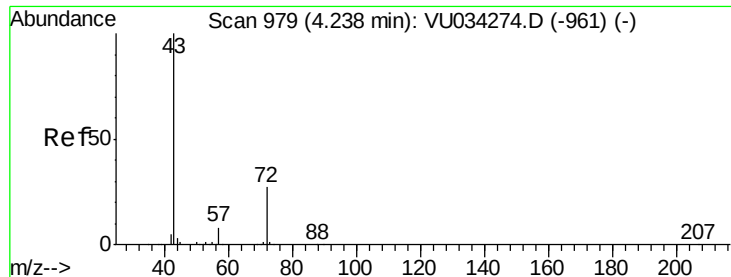


Abundance Ion 62.90 (62.60 to 63.60): VU034482.D (-634) (-)

Ion 97.90 (97.60 to 98.60): VU034482.D (-634) (-)

Ion 99.90 (99.60 to 100.60): VU034482.D (-634) (-)





#25

2-Butanone

Concen: 106.078 ug/l

RT: 4.24 min Scan# 979

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

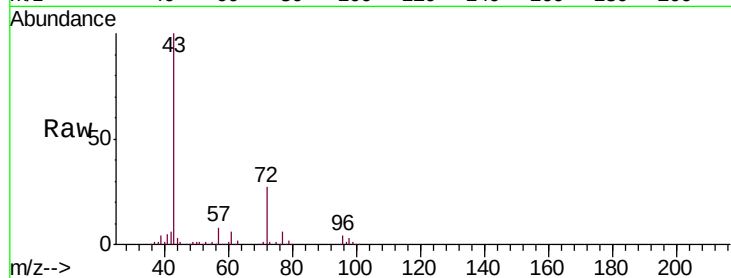
VU0912WBS01

Tgt Ion: 43 Resp: 275822

Ion Ratio Lower Upper

43 100

72 27.0 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

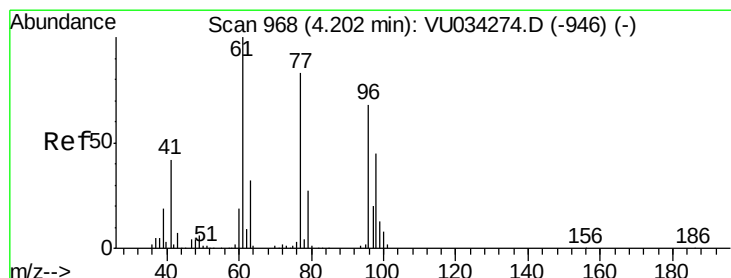
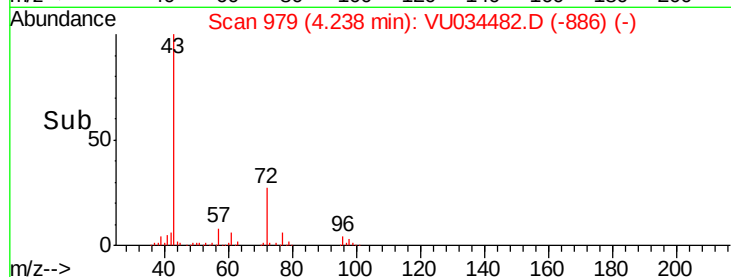
40000

20000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 21.538 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034482.D

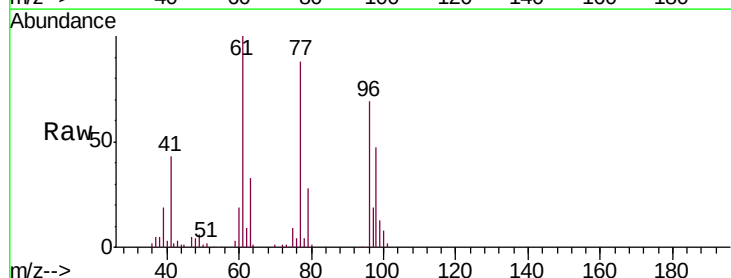
Acq: 11 Sep 2019 18:19

Tgt Ion: 77 Resp: 104395

Ion Ratio Lower Upper

77 100

97 22.5 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) (-)

4.20

40000

30000

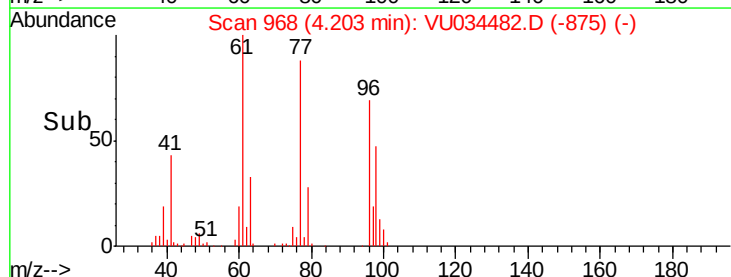
20000

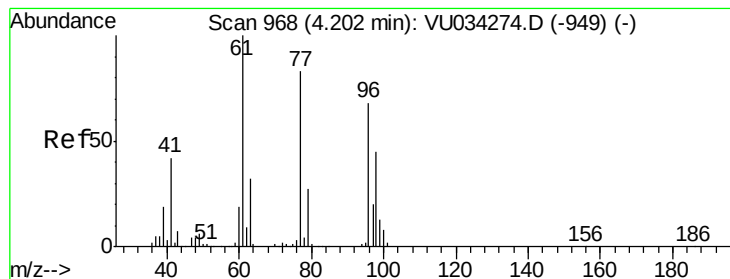
10000

0

4.10 4.20 4.30

Time-->





#27

cis-1,2-Dichloroethene

Concen: 21.774 ug/l

RT: 4.21 min Scan# 969

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

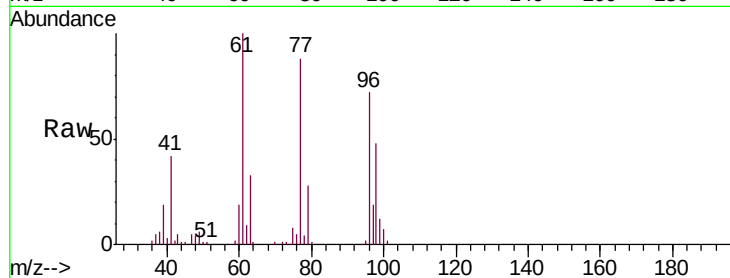
Tgt Ion: 96 Resp: 75429

Ion Ratio Lower Upper

96 100

61 148.2 0.0 297.4

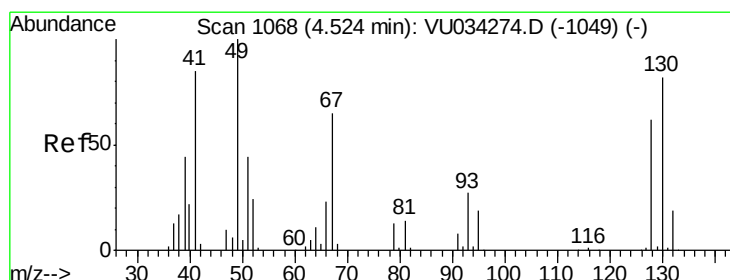
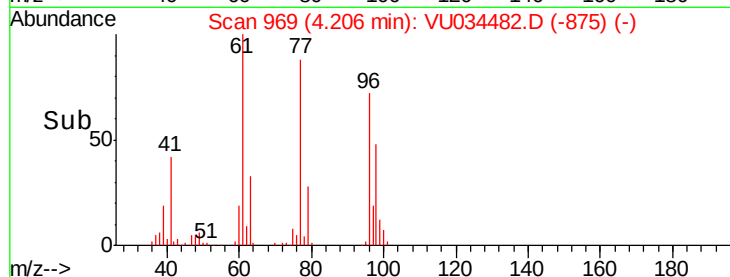
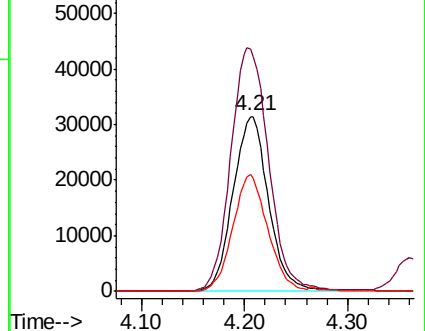
98 65.5 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 23.380 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

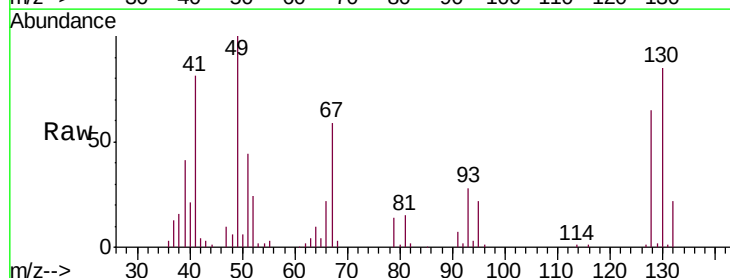
Tgt Ion: 49 Resp: 64808

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

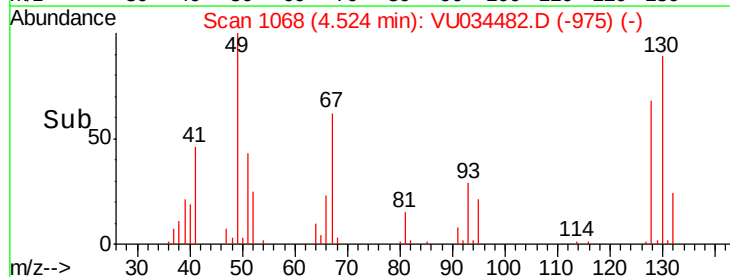
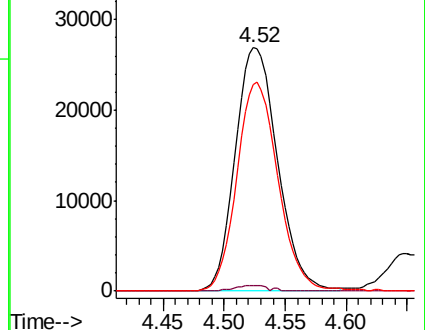
130 83.4 65.2 97.8

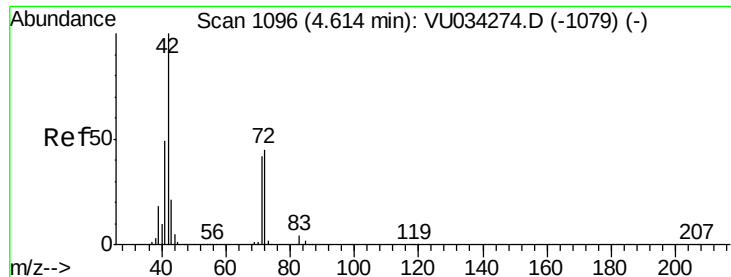


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 109.633 ug/l

RT: 4.62 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

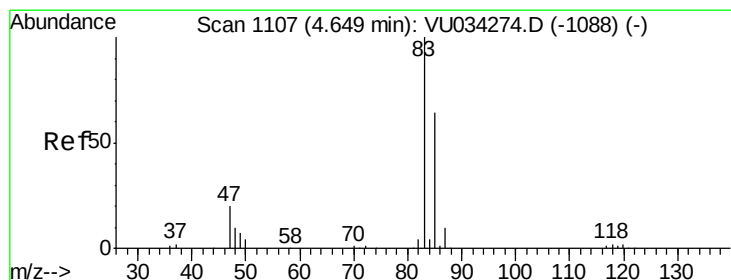
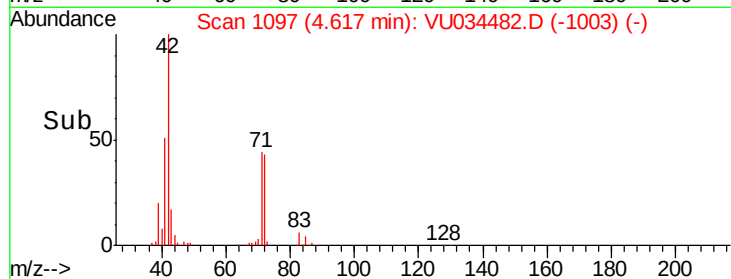
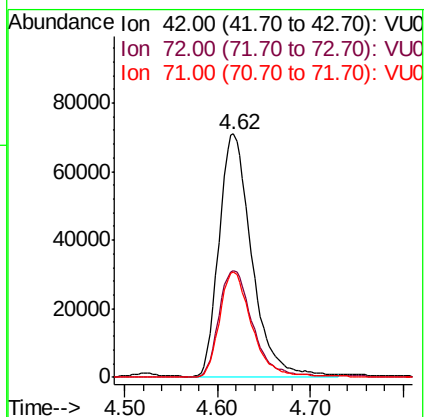
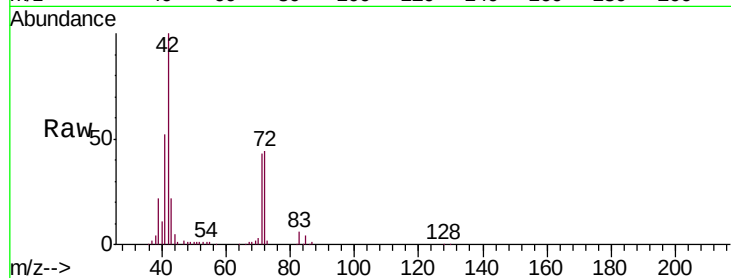
Tgt Ion: 42 Resp: 173465

Ion Ratio Lower Upper

42 100

72 45.6 36.6 54.8

71 43.0 34.3 51.5



#30

Chloroform

Concen: 21.741 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU034482.D

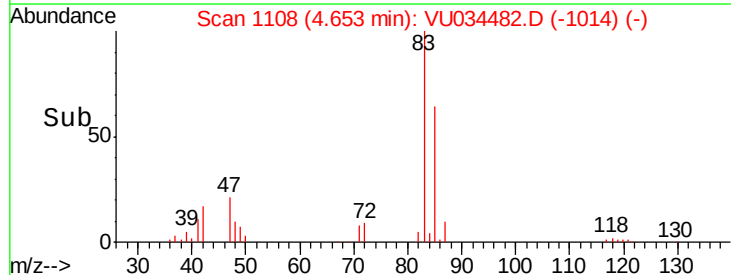
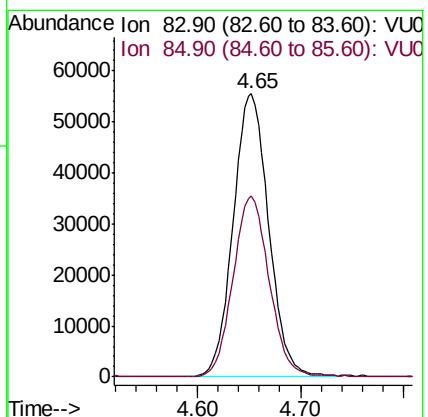
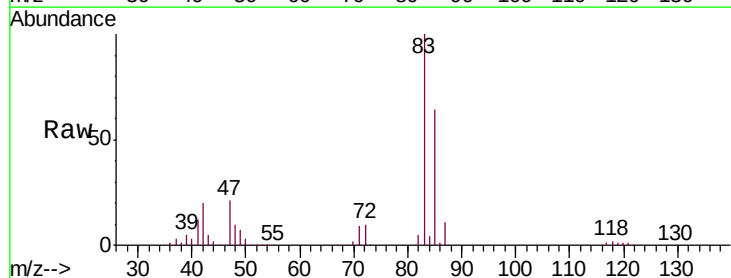
Acq: 11 Sep 2019 18:19

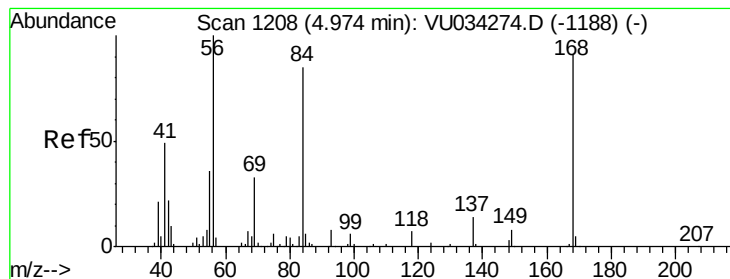
Tgt Ion: 83 Resp: 133181

Ion Ratio Lower Upper

83 100

85 63.7 51.5 77.3





#31

Cyclohexane

Concen: 19.729 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

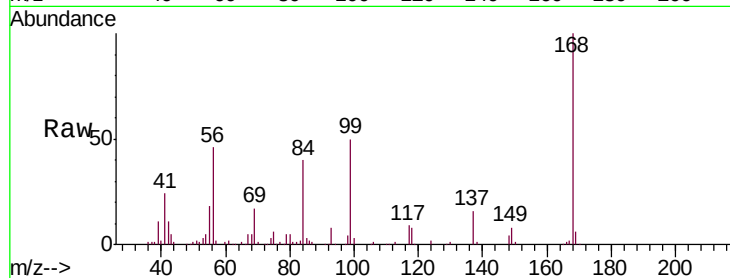
Tgt Ion: 56 Resp: 86985

Ion Ratio Lower Upper

56 100

69 36.9 26.7 40.1

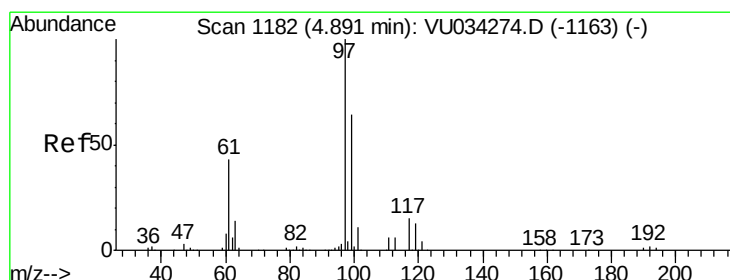
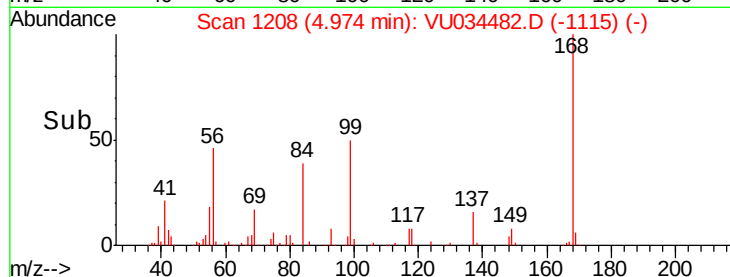
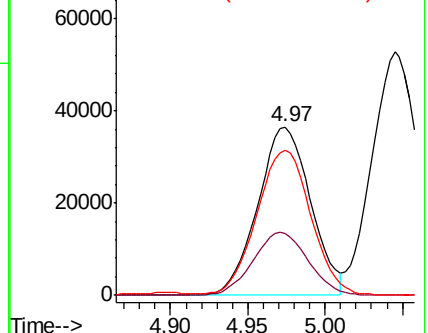
84 85.4 68.2 102.4



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: 21.872 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

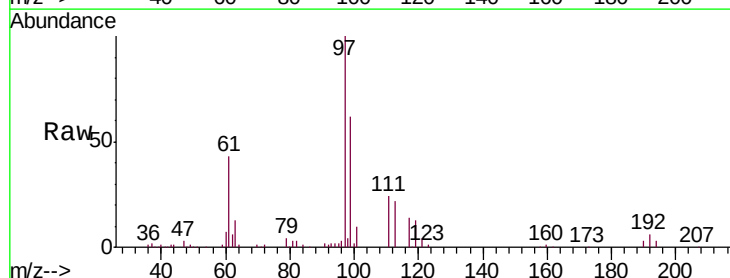
Tgt Ion: 97 Resp: 107121

Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

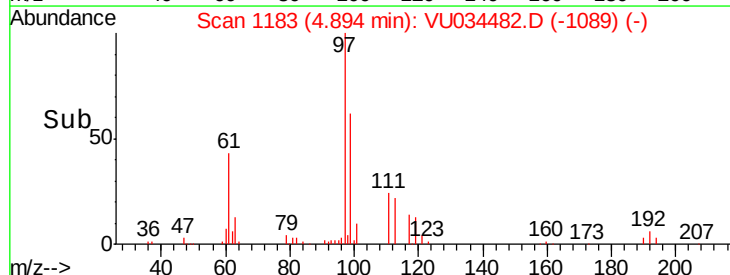
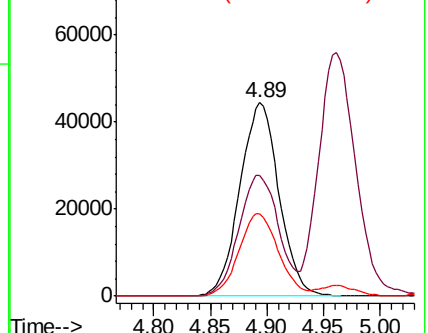
61 42.9 34.7 52.1

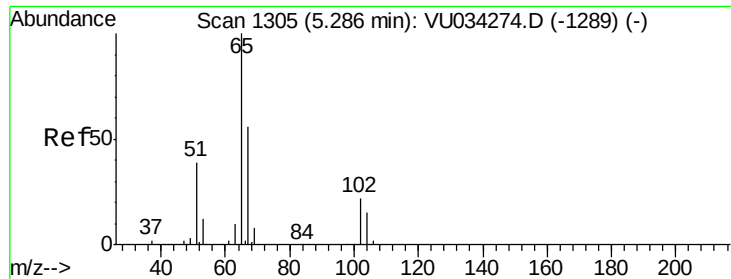


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

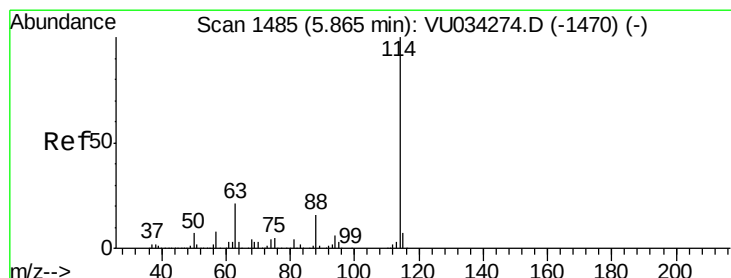
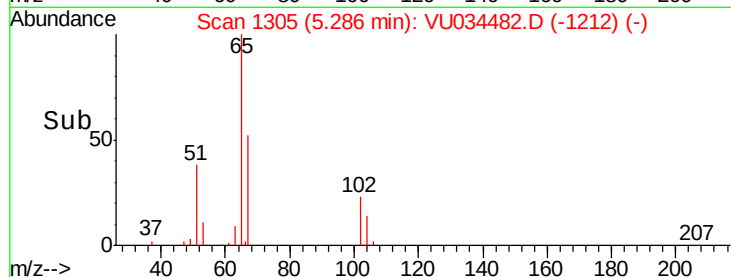
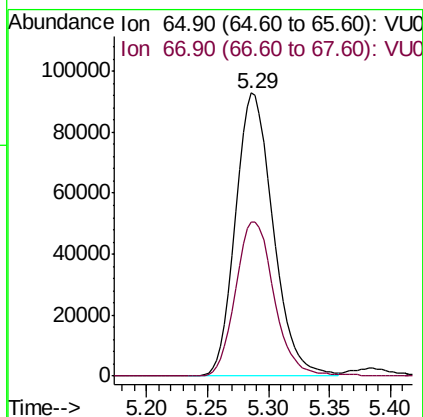
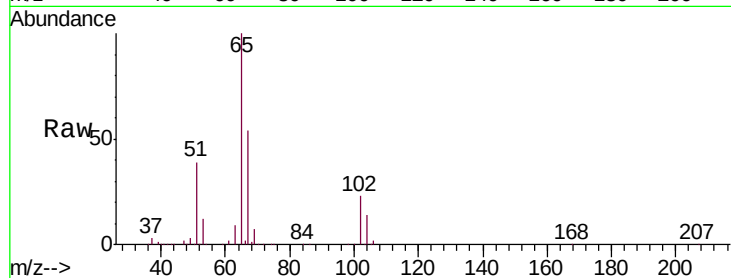




#33
 1,2-Dichloroethane-d4
 Concen: 52.830 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

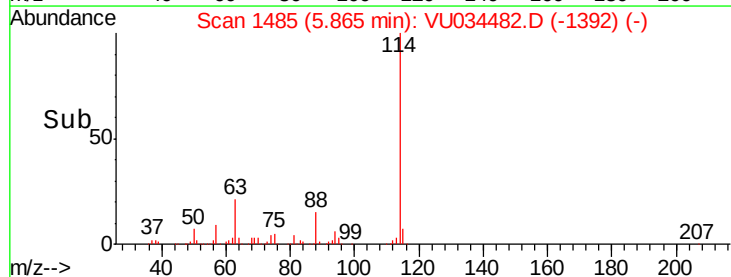
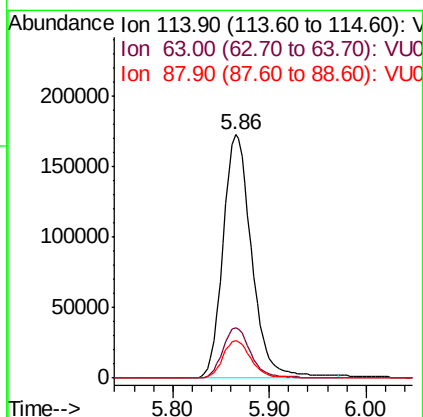
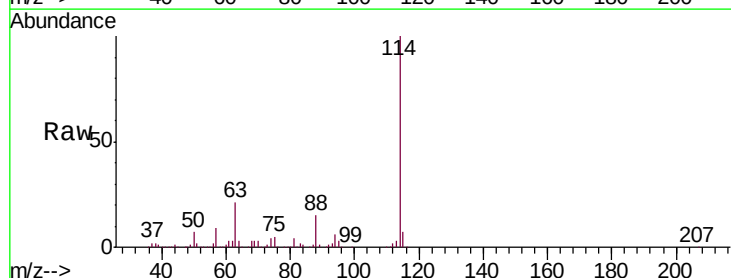
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

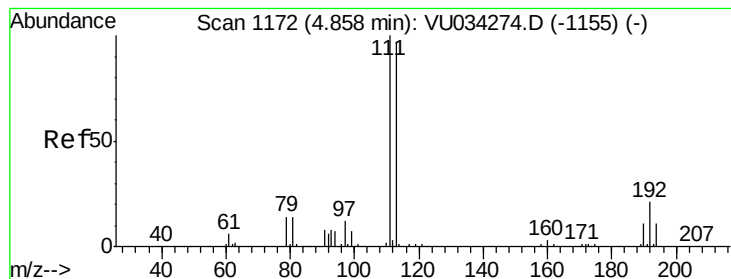
Tgt Ion: 65 Resp: 198858
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion: 114 Resp: 356894
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.590 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

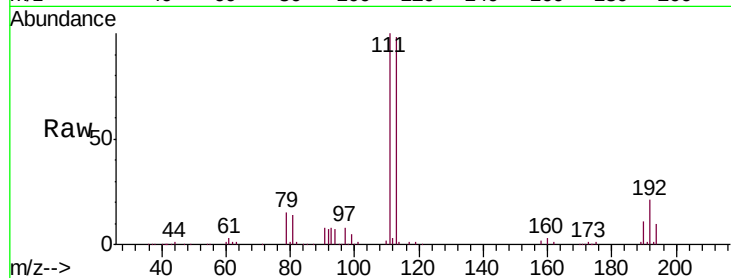
Tgt Ion: 113 Resp: 181289

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

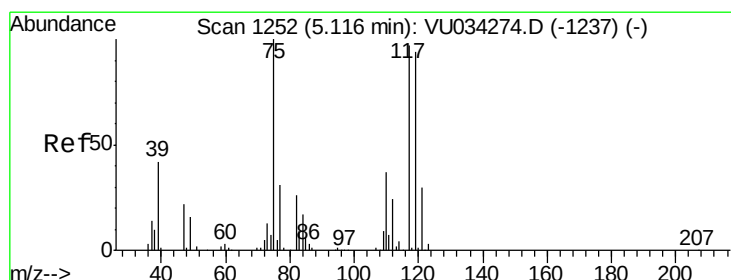
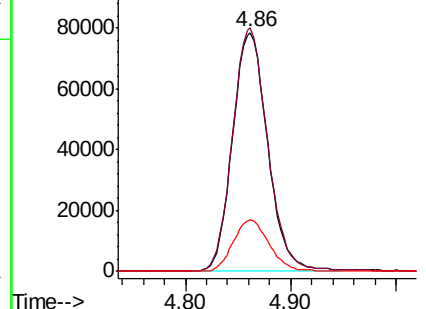
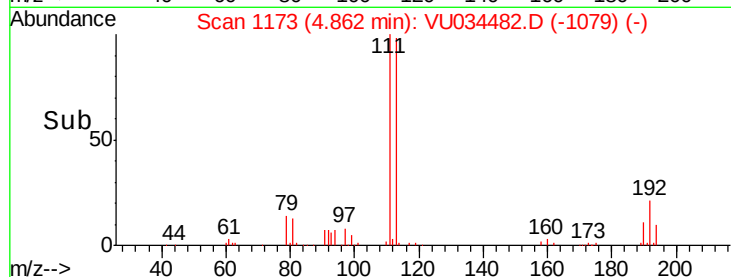
192 22.1 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.776 ug/l

RT: 5.12 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

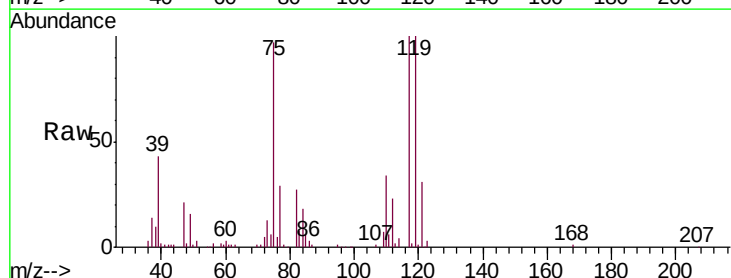
Tgt Ion: 75 Resp: 80413

Ion Ratio Lower Upper

75 100

110 35.9 18.3 54.9

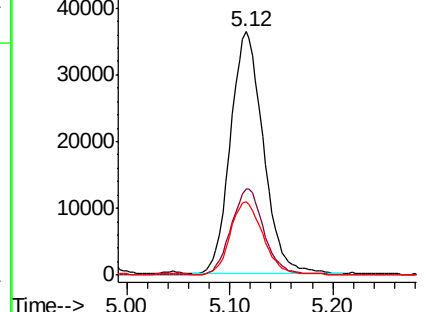
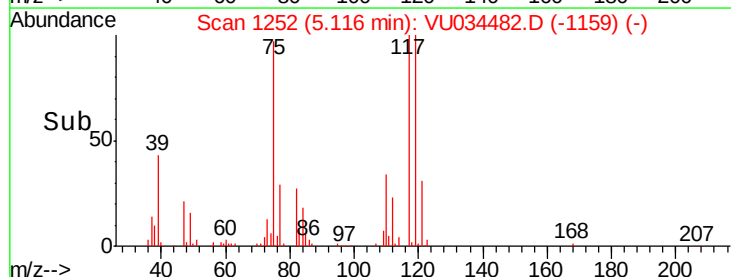
77 30.6 24.9 37.3

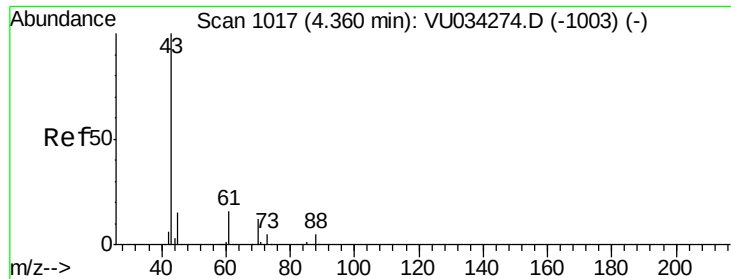


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

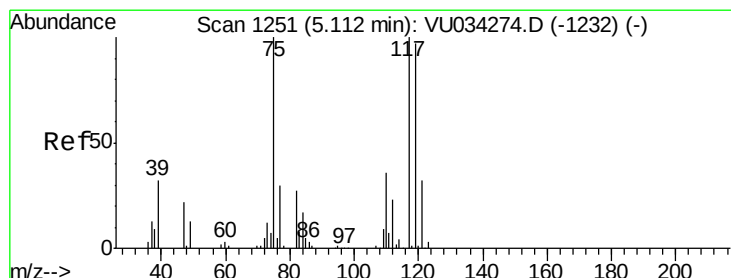
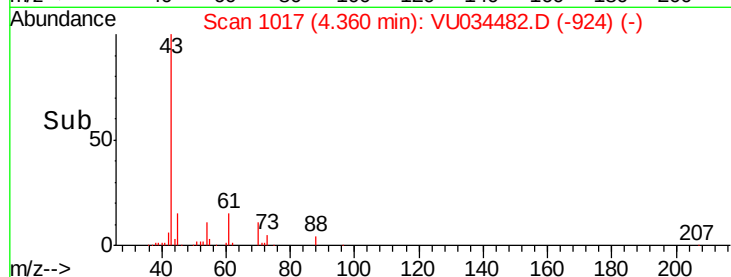
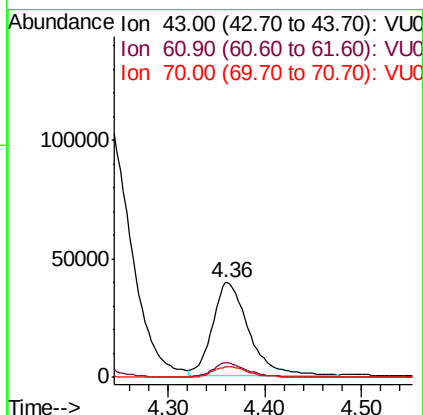
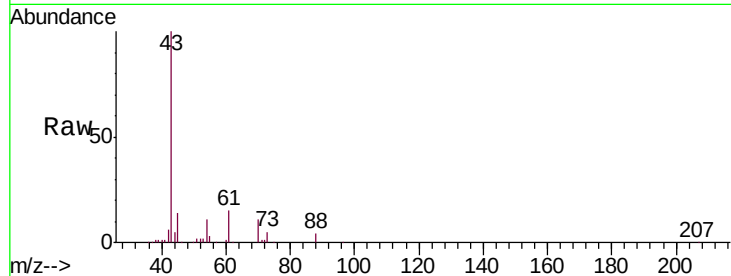




#37
Ethyl Acetate
Concen: 22.238 ug/l
RT: 4.36 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

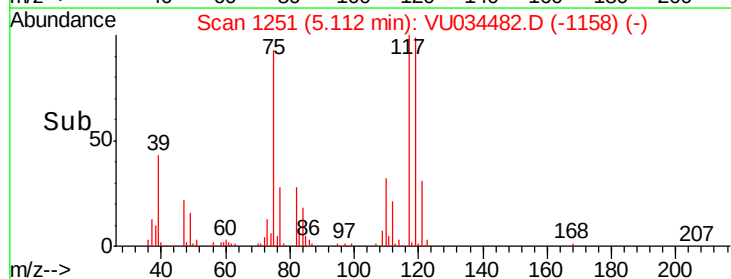
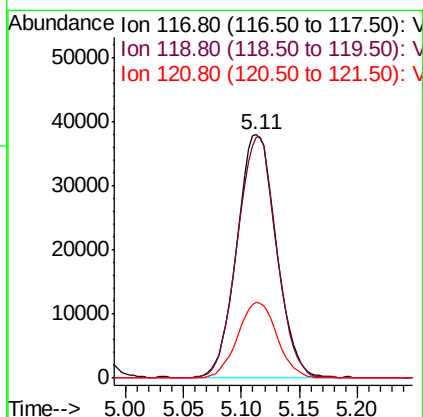
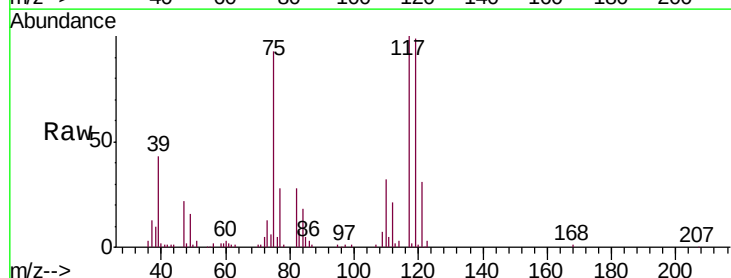
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

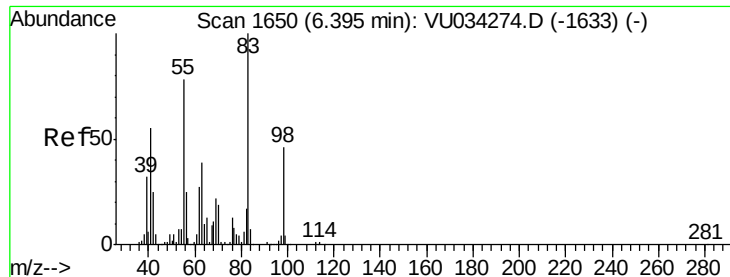
Tgt Ion: 43 Resp: 101766
Ion Ratio Lower Upper
43 100
61 14.4 12.3 18.5
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.898 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion: 117 Resp: 90498
Ion Ratio Lower Upper
117 100
119 99.1 77.8 116.6
121 31.0 25.2 37.8





#39

Methylcyclohexane

Concen: 19.651 ug/l

RT: 6.40 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

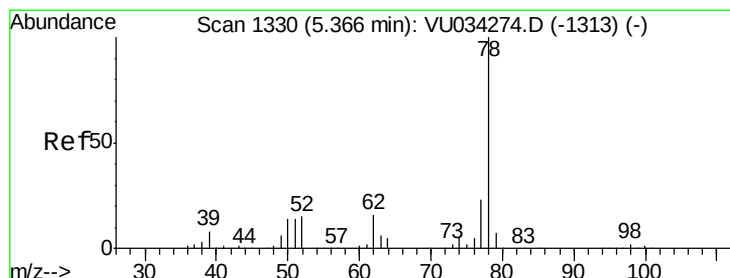
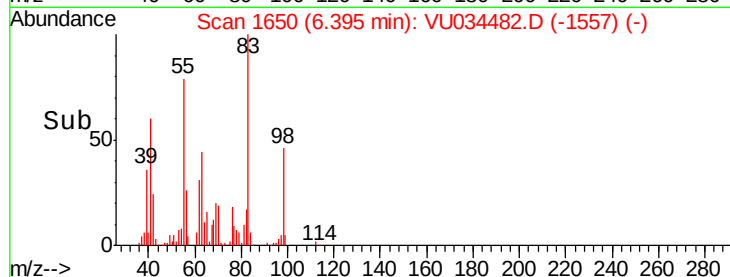
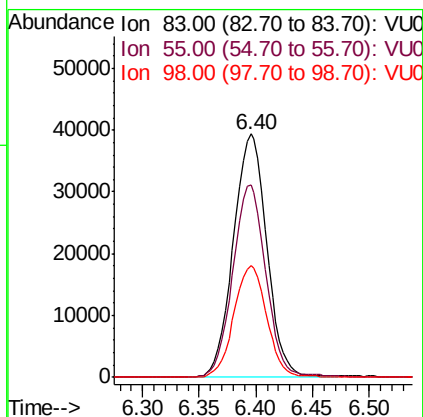
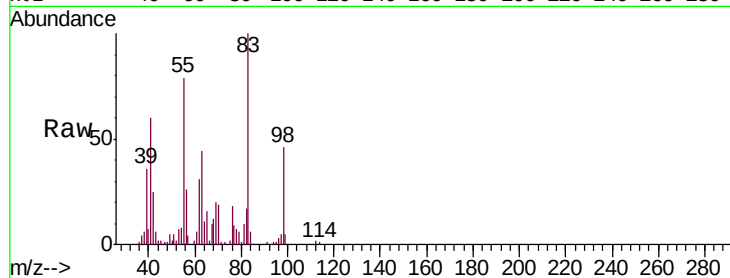
Tgt Ion: 83 Resp: 81308

Ion Ratio Lower Upper

83 100

55 79.2 62.1 93.1

98 45.8 37.0 55.6



#40

Benzene

Concen: 21.835 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU034482.D

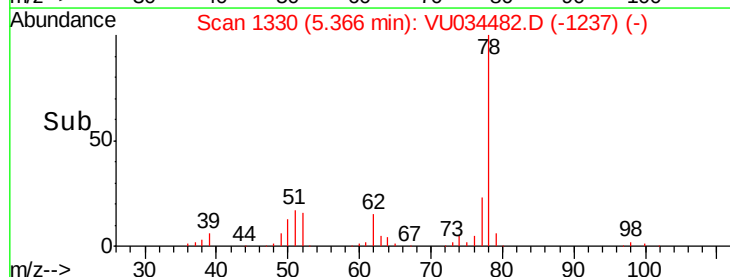
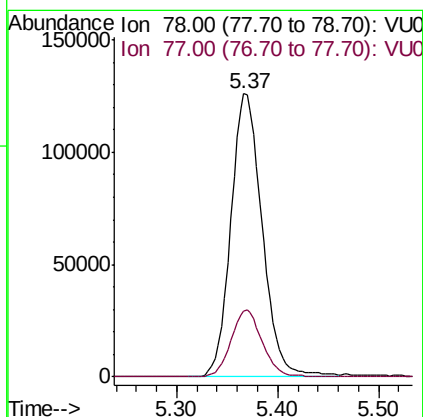
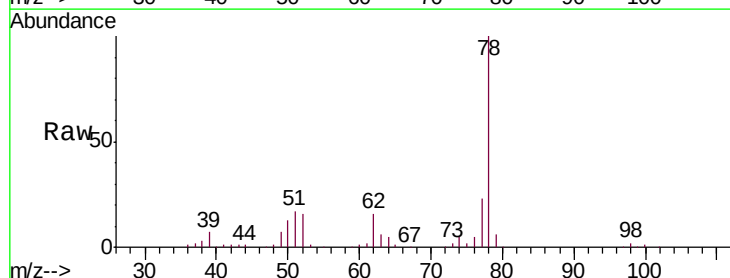
Acq: 11 Sep 2019 18:19

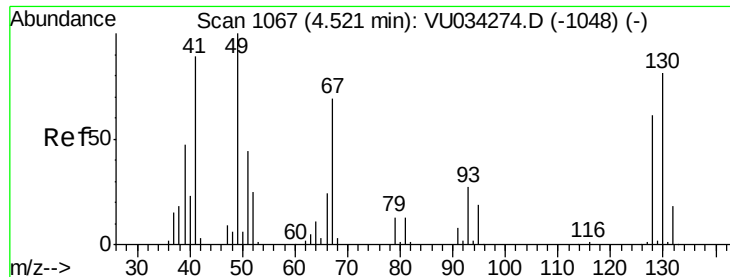
Tgt Ion: 78 Resp: 272710

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1

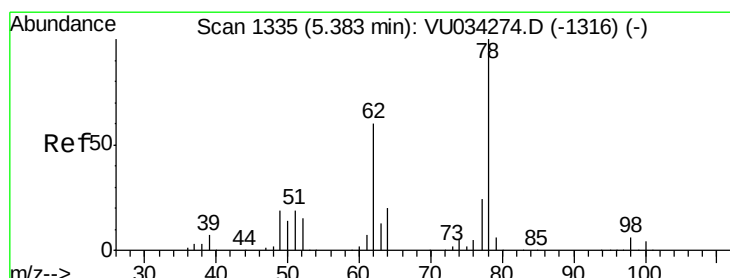
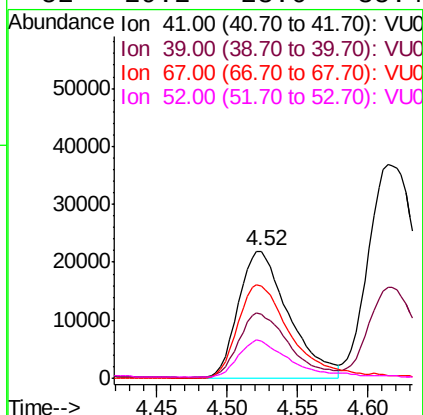
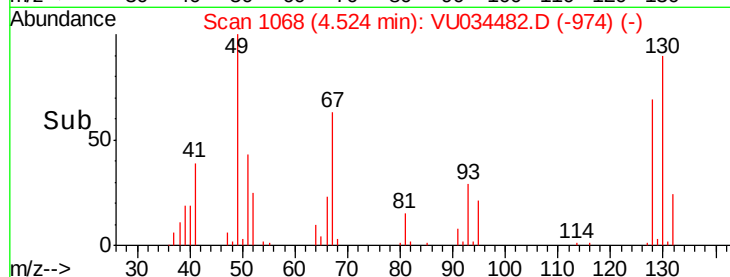
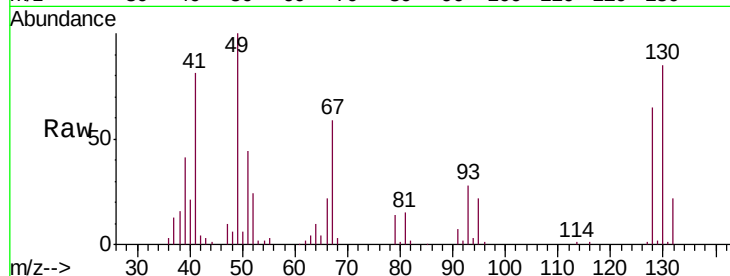




#41
Methacrylonitrile
Concen: 22.509 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

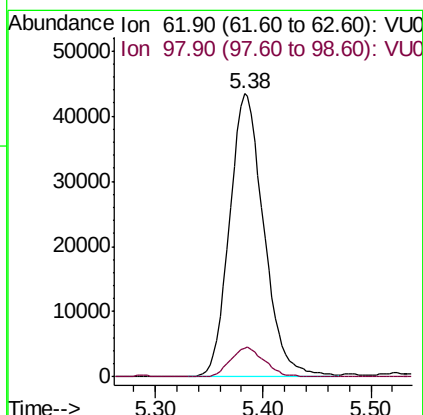
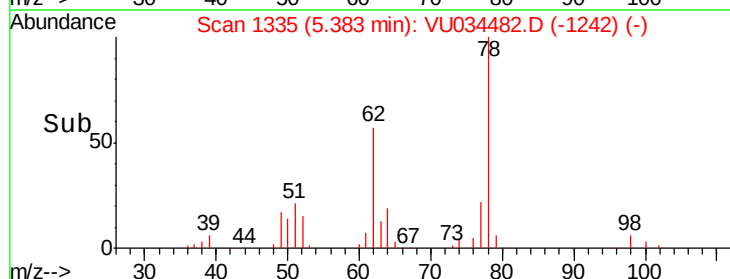
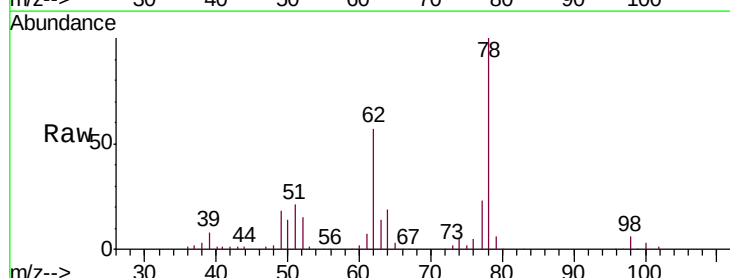
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

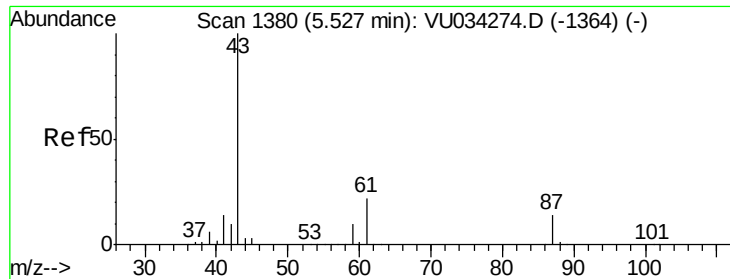
Tgt Ion:	41	Resp:	54868
Ion	Ratio	Lower	Upper
41	100		
39	50.9	41.0	61.4
67	76.6	62.4	93.6
52	29.2	23.6	35.4



#42
1,2-Dichloroethane
Concen: 22.260 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion:	62	Resp:	96523
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0





#43

Isopropyl Acetate

Concen: 21.314 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

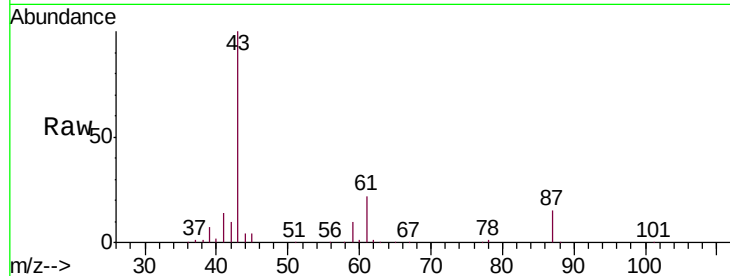
Tgt Ion: 43 Resp: 152158

Ion Ratio Lower Upper

43 100

61 22.4 17.1 25.7

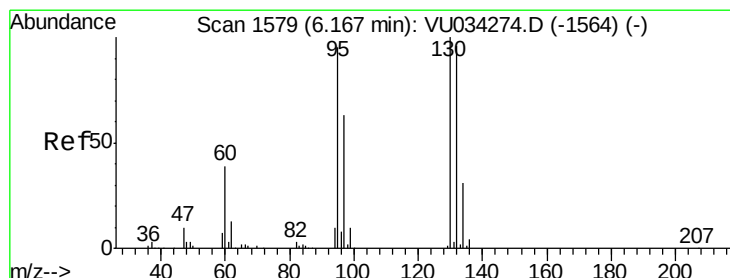
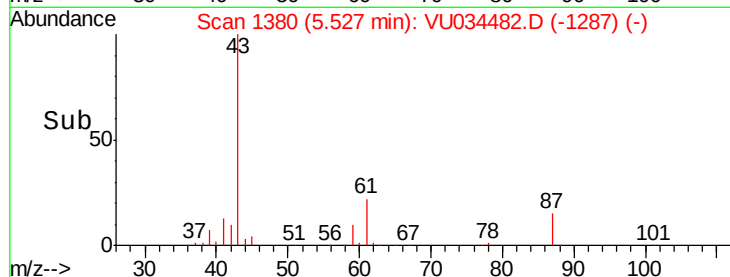
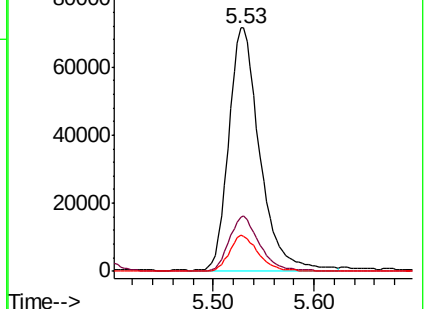
87 14.0 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034482.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034482.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034482.D (-1287) (-)



#44

Trichloroethene

Concen: 21.248 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034482.D

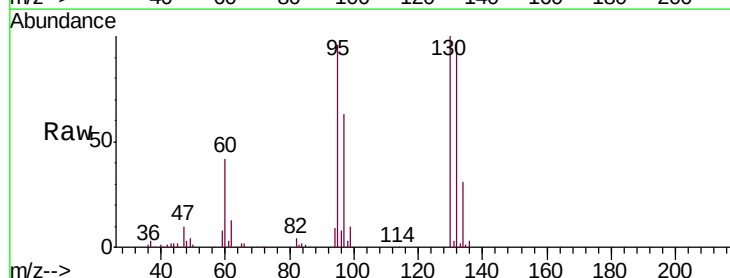
Acq: 11 Sep 2019 18:19

Tgt Ion: 130 Resp: 73433

Ion Ratio Lower Upper

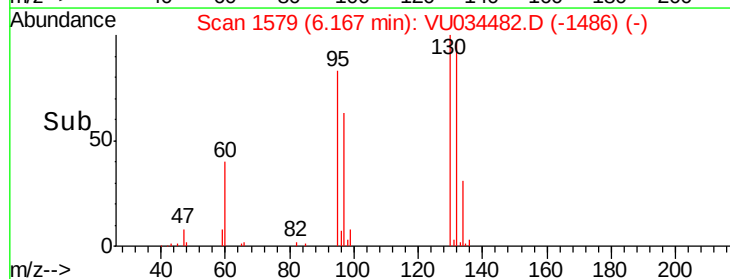
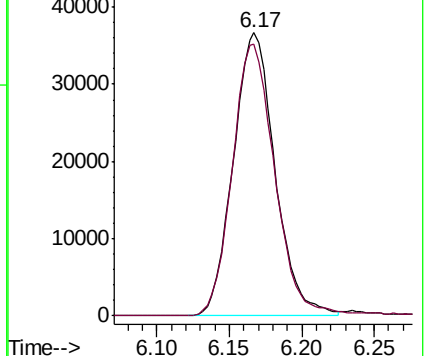
130 100

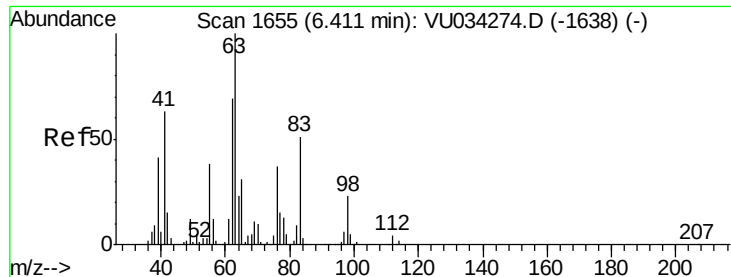
95 96.0 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034482.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034482.D (-1486) (-)

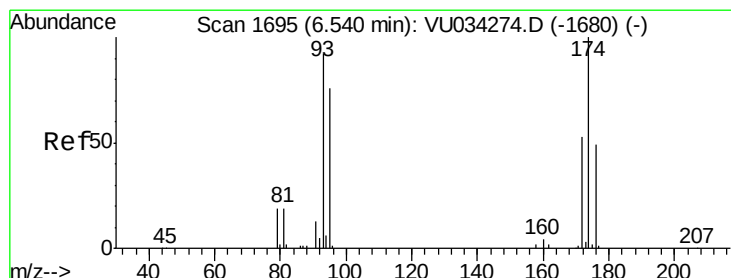
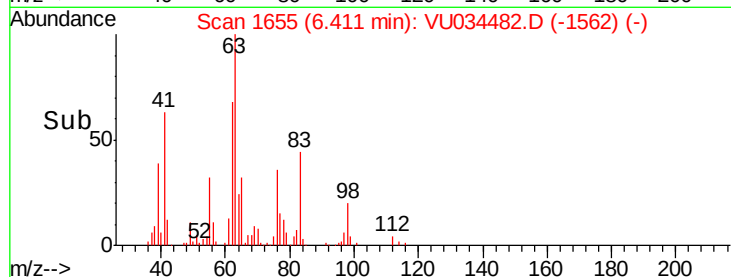
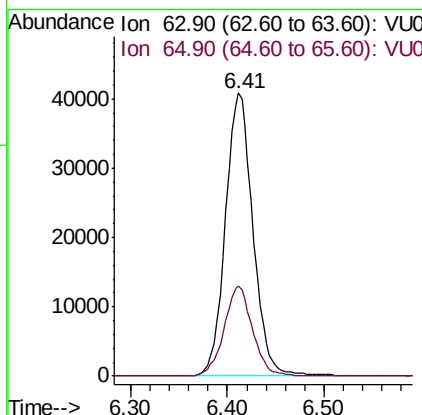
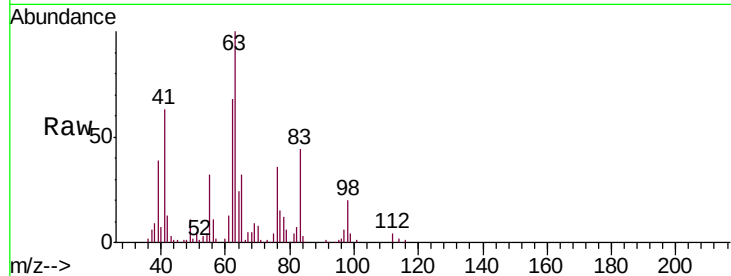




#45
 1,2-Dichloropropane
 Concen: 22.122 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

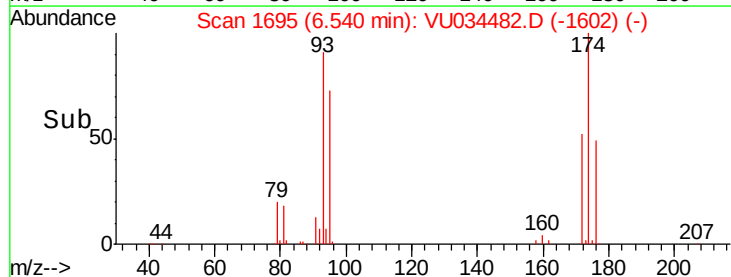
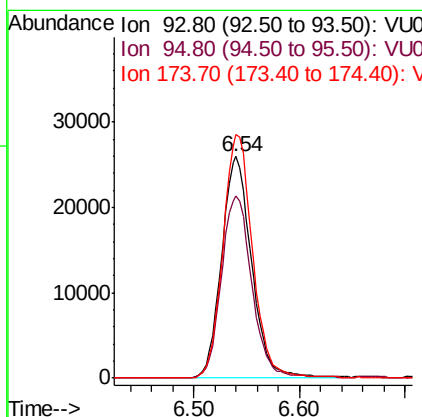
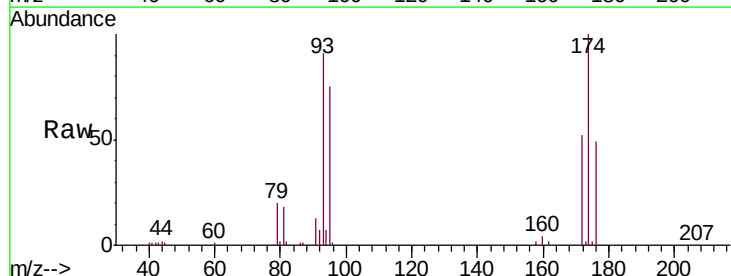
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

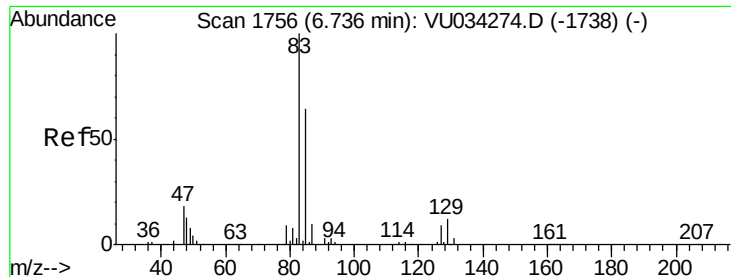
Tgt Ion: 63 Resp: 80772
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.6 37.0



#46
 Dibromomethane
 Concen: 22.340 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion: 93 Resp: 51199
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.5 99.7
 174 107.9 87.8 131.6

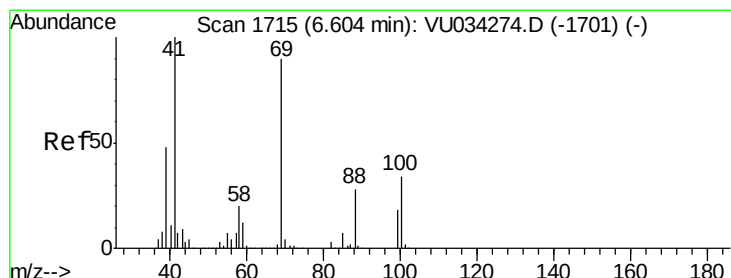
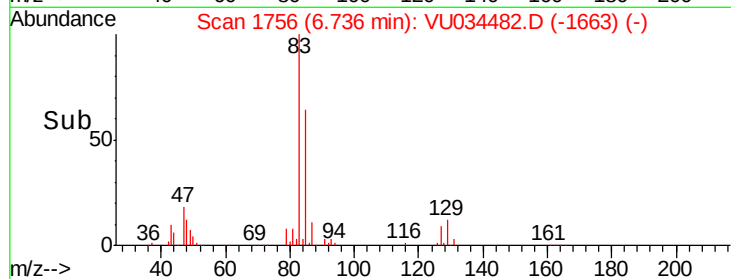
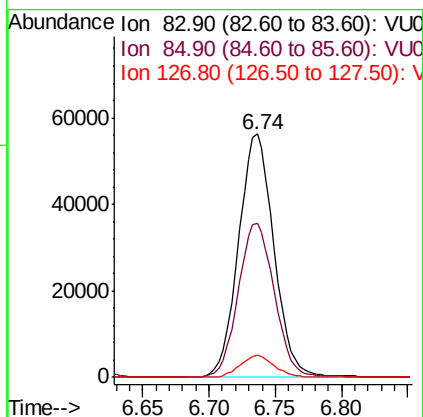
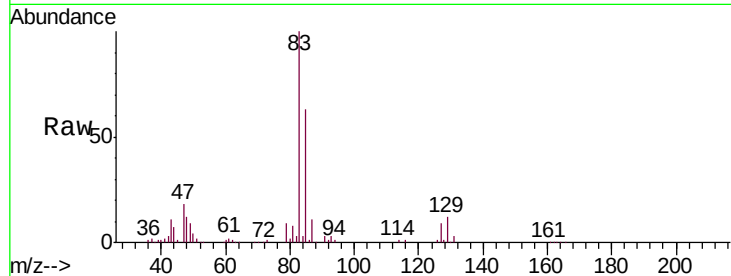




#47
 Bromodichloromethane
 Concen: 22.082 ug/l
 RT: 6.74 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

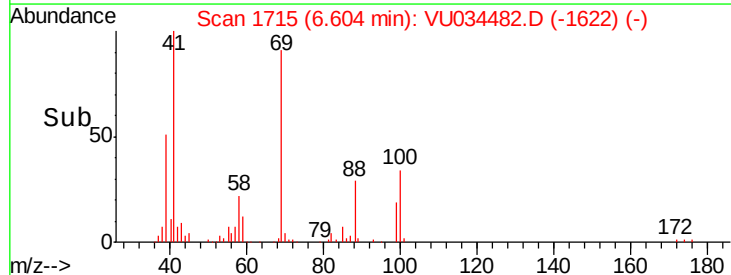
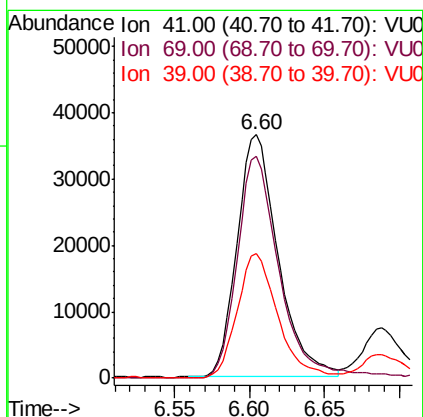
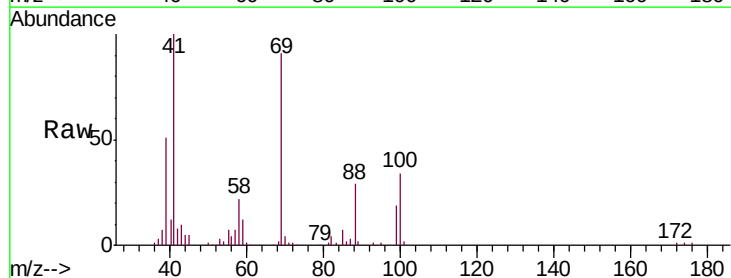
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

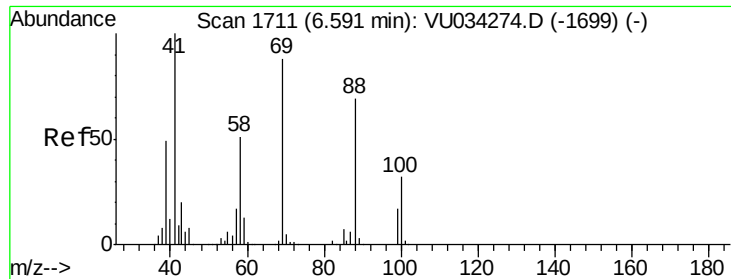
Tgt Ion: 83 Resp: 104173
 Ion Ratio Lower Upper
 83 100
 85 63.1 51.1 76.7
 127 9.0 7.2 10.8



#48
 Methyl methacrylate
 Concen: 20.632 ug/l
 RT: 6.60 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion: 41 Resp: 69958
 Ion Ratio Lower Upper
 41 100
 69 94.8 72.8 109.2
 39 50.5 38.6 58.0

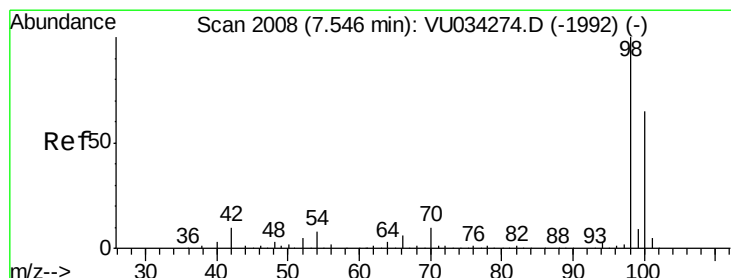
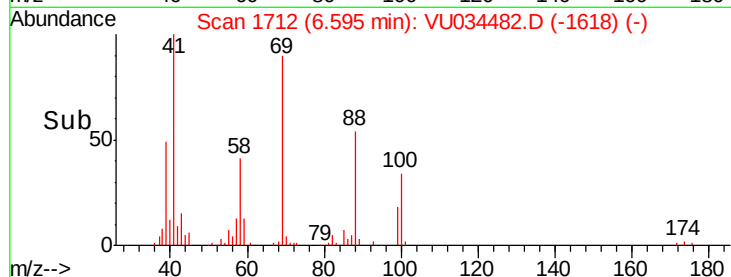
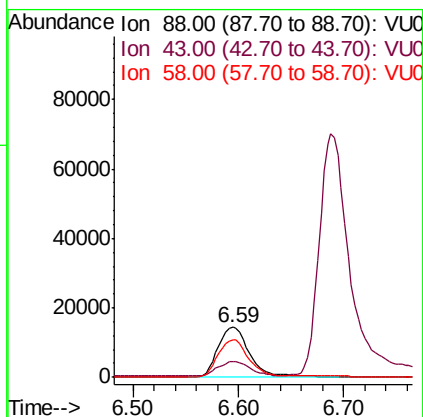
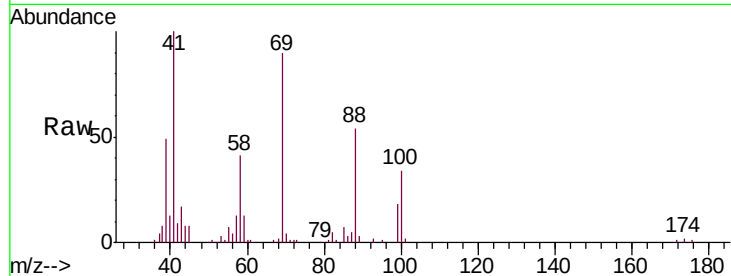




#49
1,4-Dioxane
Concen: 399.391 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

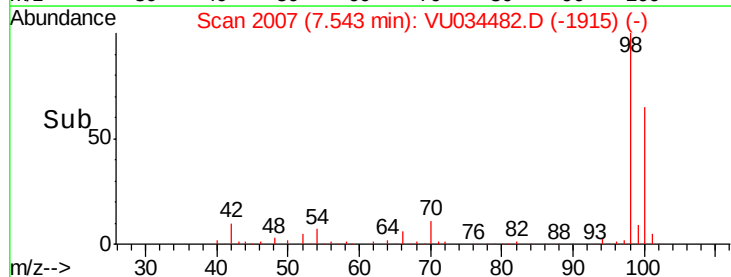
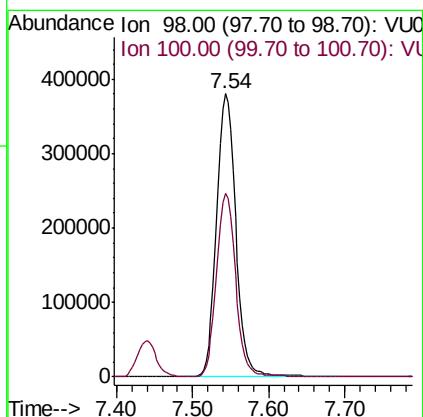
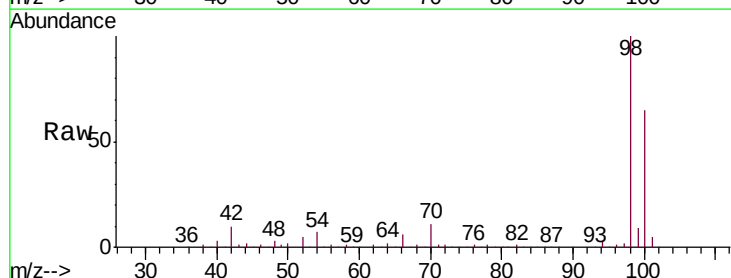
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

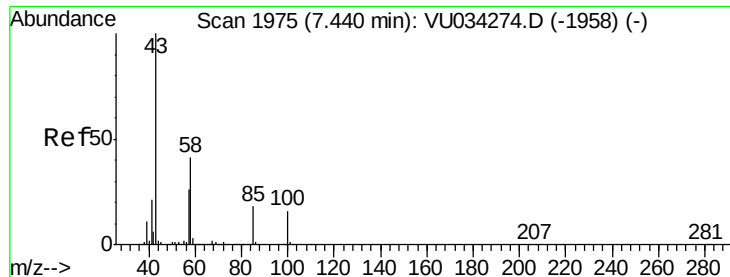
Tgt Ion: 88 Resp: 29571
Ion Ratio Lower Upper
88 100
43 30.5 23.8 35.6
58 75.3 58.4 87.6



#50
Toluene-d8
Concen: 53.817 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion: 98 Resp: 671466
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

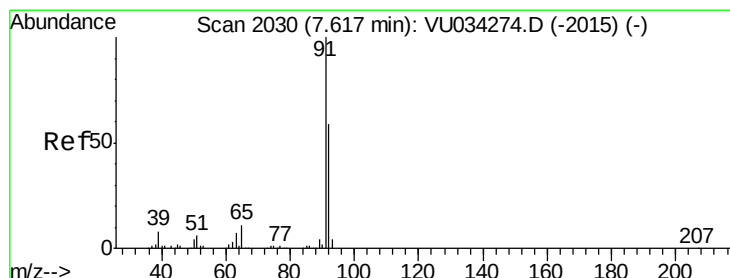
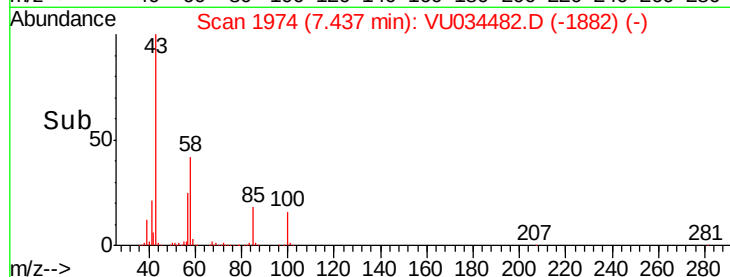
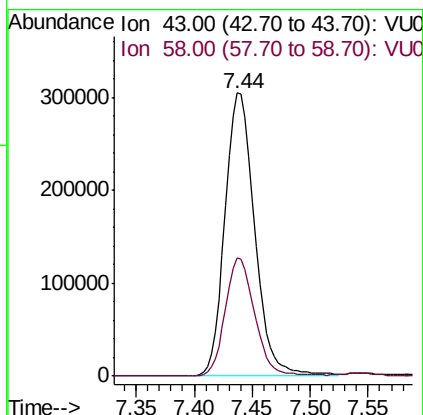
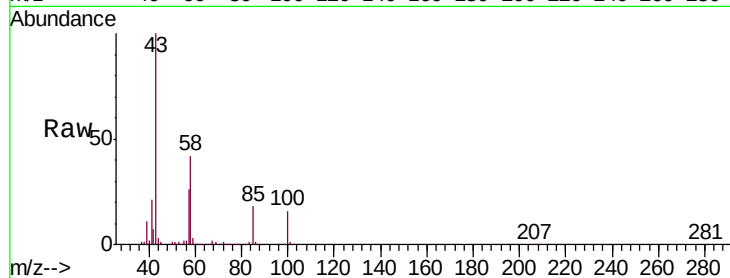




#51
 4-Methyl-2-Pentanone
 Concen: 109.240 ug/l
 RT: 7.44 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

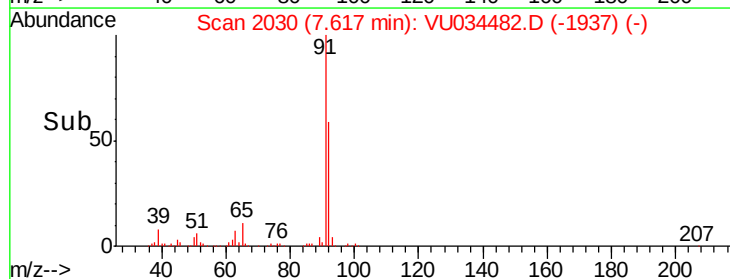
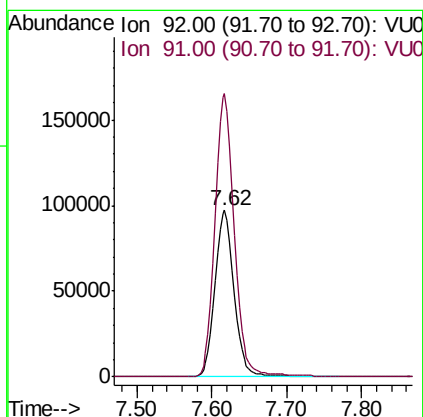
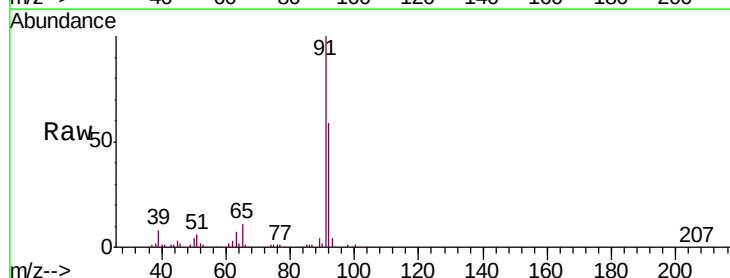
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

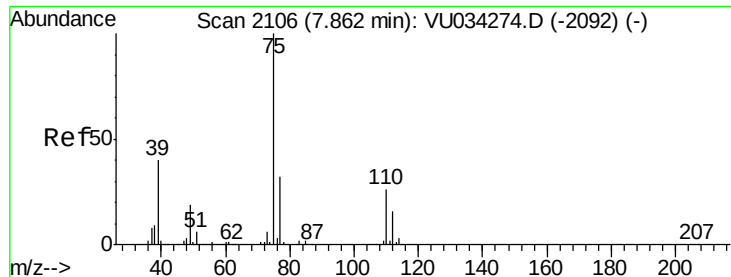
Tgt Ion: 43 Resp: 539813
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.0 49.4



#52
 Toluene
 Concen: 22.305 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion: 92 Resp: 174754
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 21.222 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

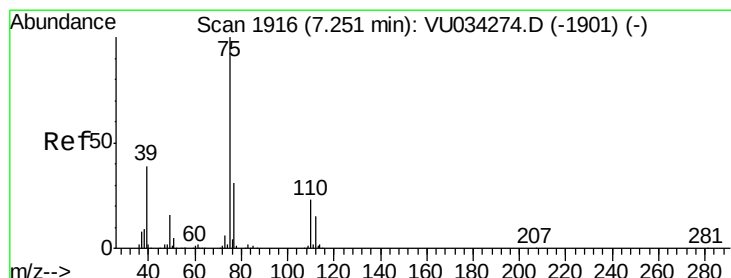
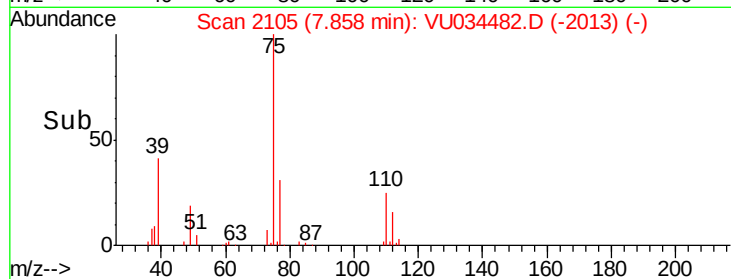
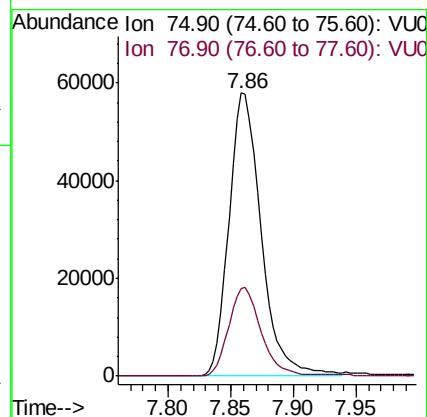
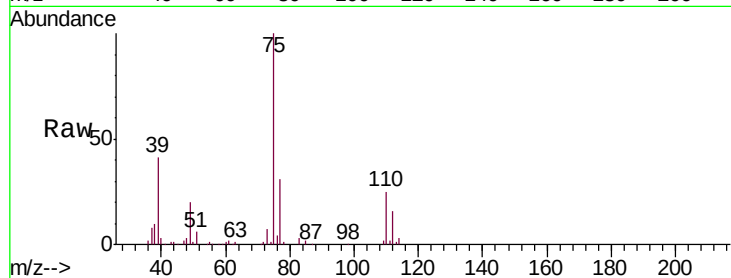
VU0912WBS01

Tgt Ion: 75 Resp: 103783

Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 22.304 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

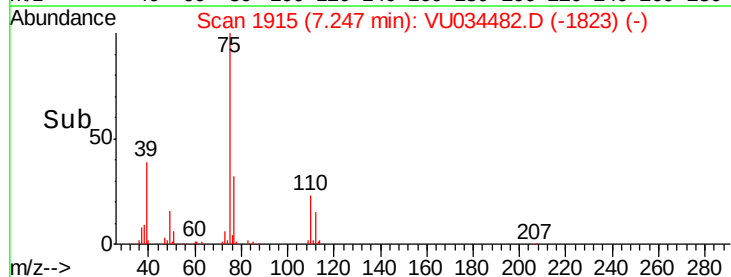
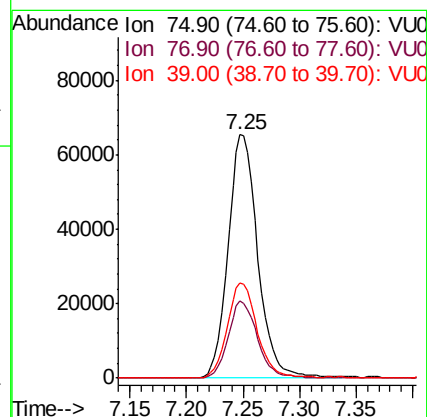
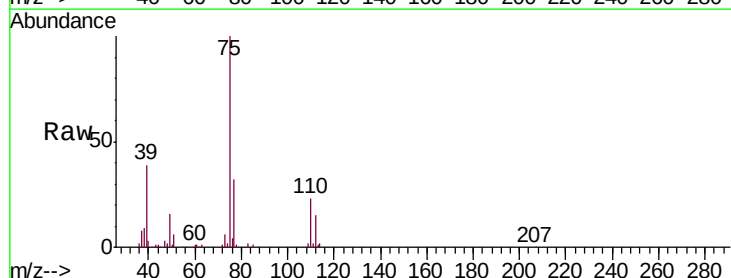
Tgt Ion: 75 Resp: 119715

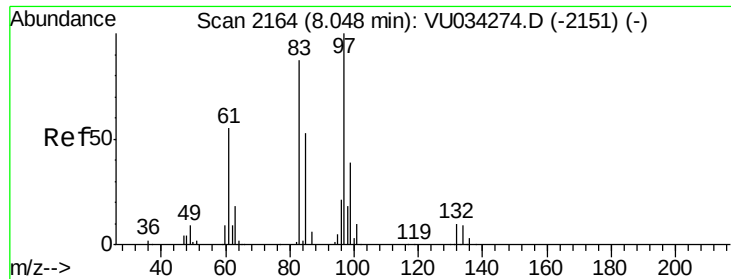
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 39.1 31.2 46.8

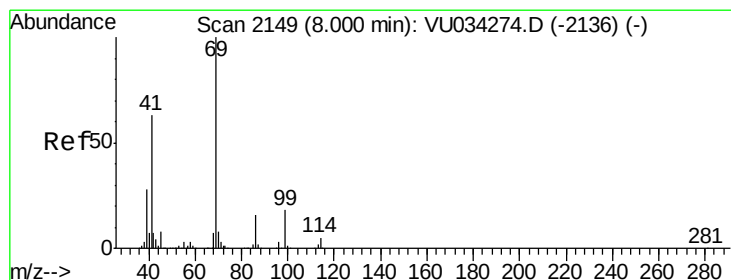
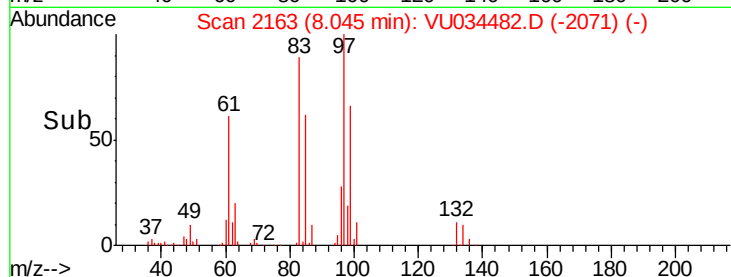
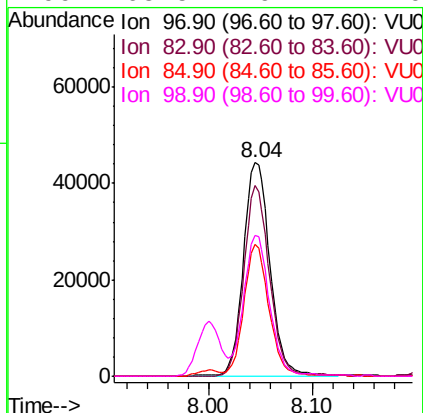
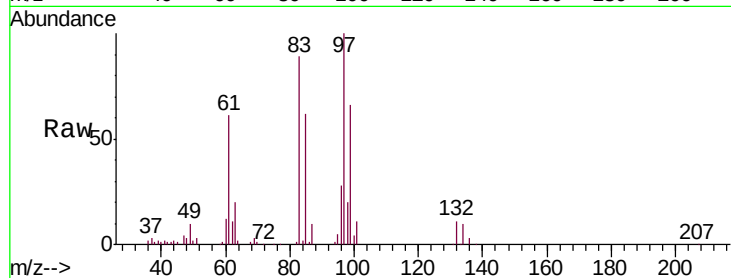




#55
 1,1,2-Trichloroethane
 Concen: 22.451 ug/l
 RT: 8.04 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

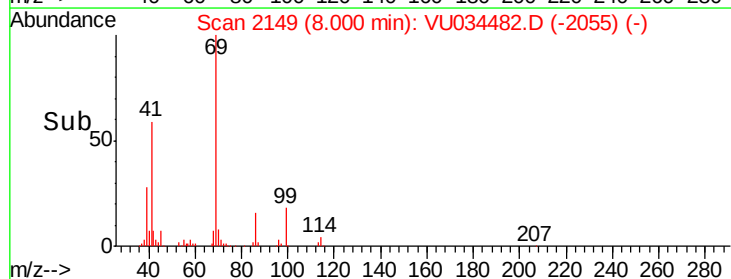
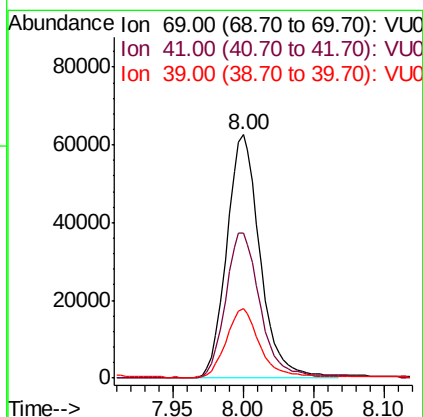
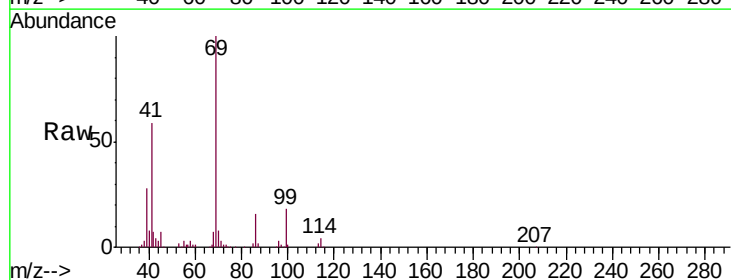
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

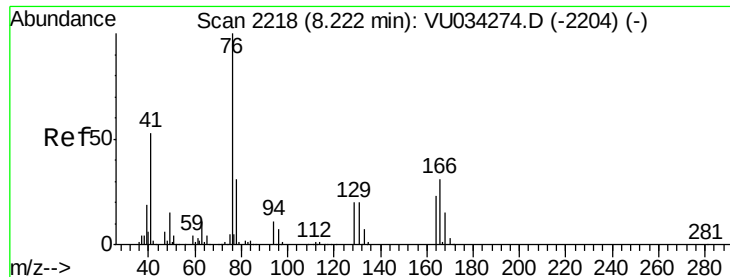
Tgt Ion:	97	Resp:	79871
Ion	Ratio	Lower	Upper
97	100		
83	89.2	69.0	103.6
85	61.0	44.2	66.2
99	65.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 21.096 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion:	69	Resp:	103779
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.5	74.3
39	27.9	22.5	33.7





#57

1,3-Dichloropropane

Concen: 22.001 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

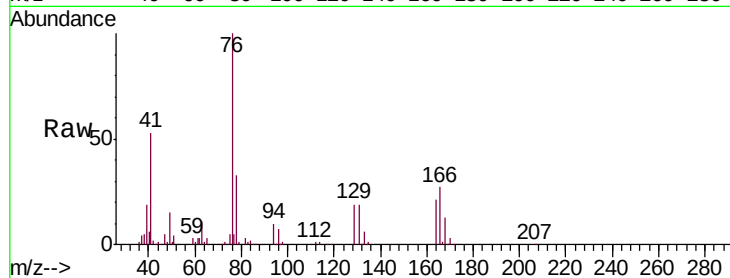
VU0912WBS01

Tgt Ion: 76 Resp: 127448

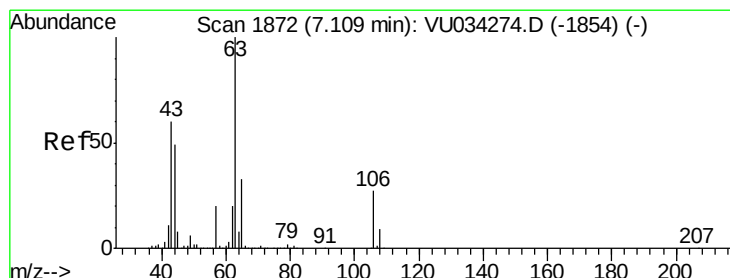
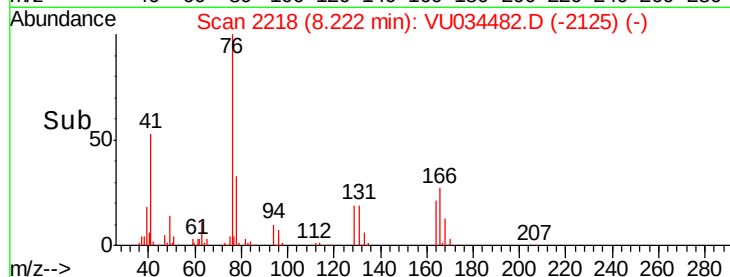
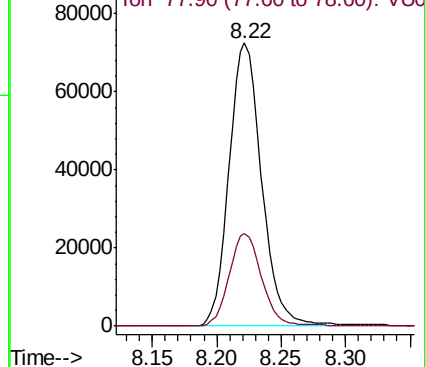
Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU034482.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 101.219 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034482.D

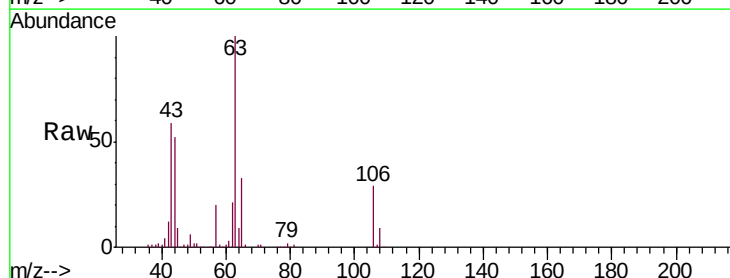
Acq: 11 Sep 2019 18:19

Tgt Ion: 63 Resp: 165718

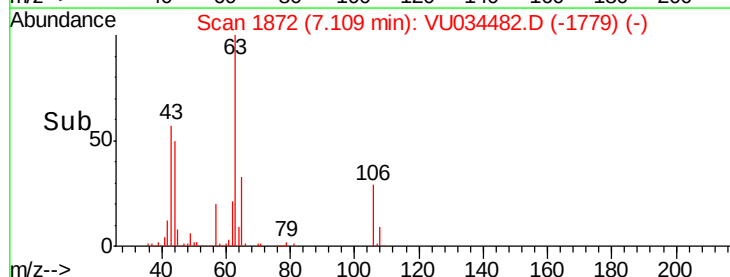
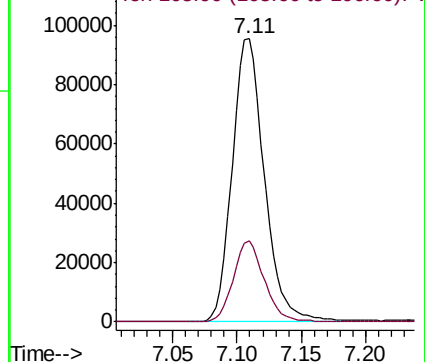
Ion Ratio Lower Upper

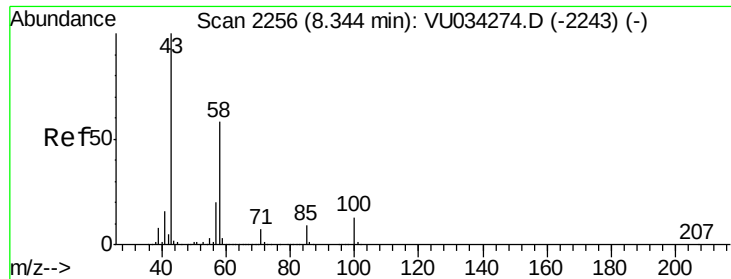
63 100

106 27.8 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU034482.D (-1779) (-)

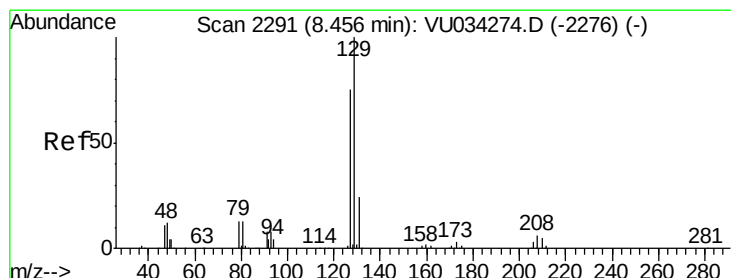
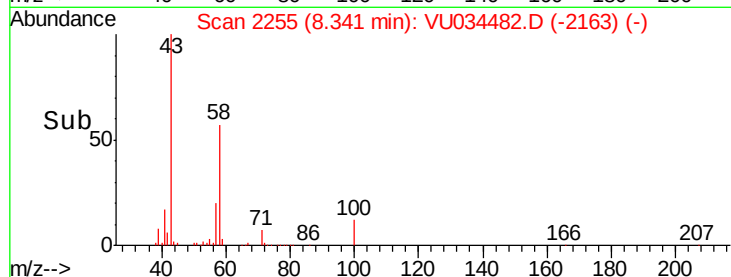
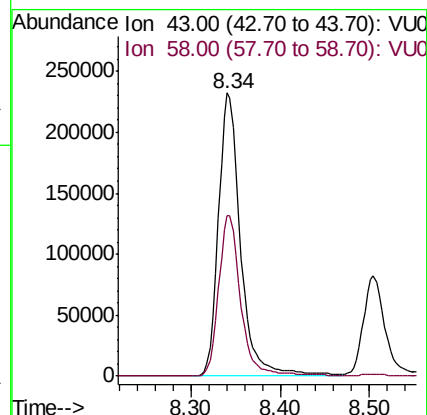
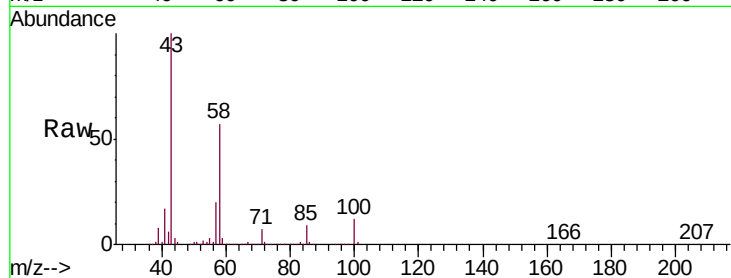




#59
2-Hexanone
Concen: 107.712 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

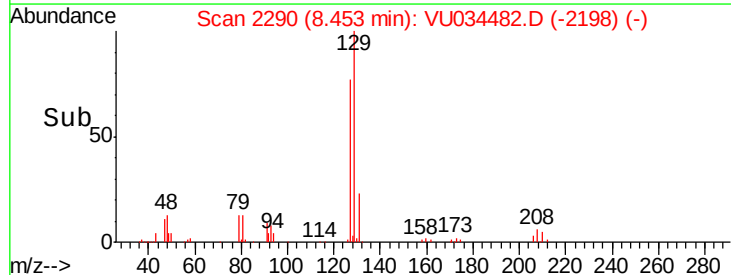
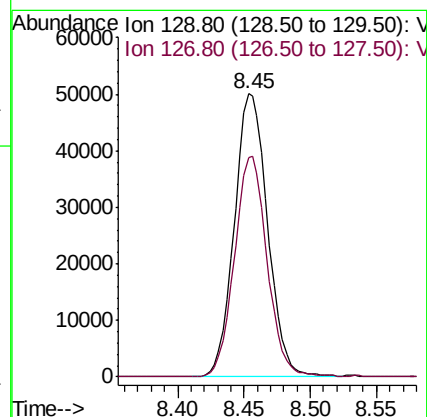
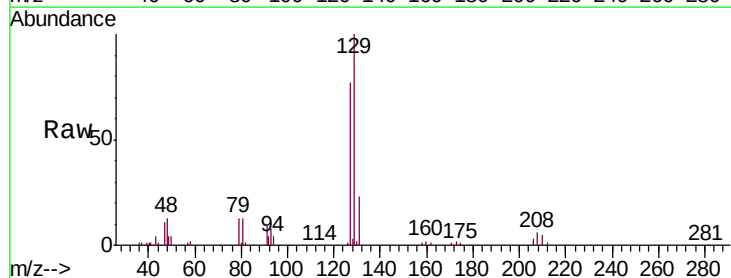
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

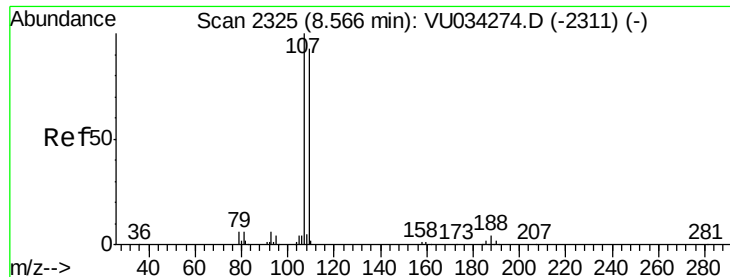
Tgt Ion: 43 Resp: 397626
Ion Ratio Lower Upper
43 100
58 56.2 28.8 86.5



#60
Dibromochloromethane
Concen: 22.926 ug/l
RT: 8.45 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion: 129 Resp: 87481
Ion Ratio Lower Upper
129 100
127 76.4 37.9 113.7





#61

1,2-Dibromoethane

Concen: 22.410 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

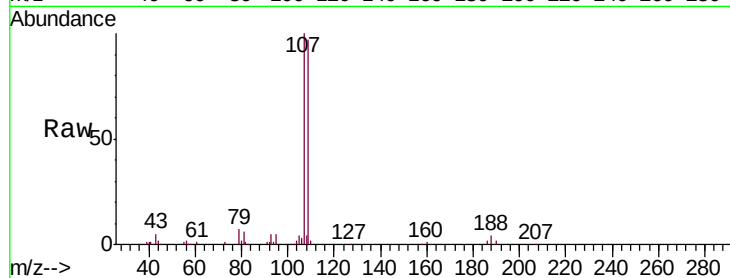
VU0912WBS01

Tgt Ion: 107 Resp: 78031

Ion Ratio Lower Upper

107 100

109 95.0 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

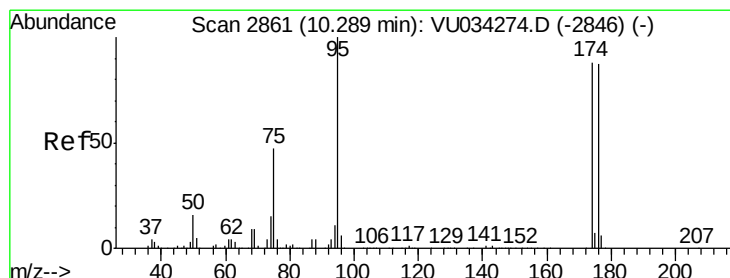
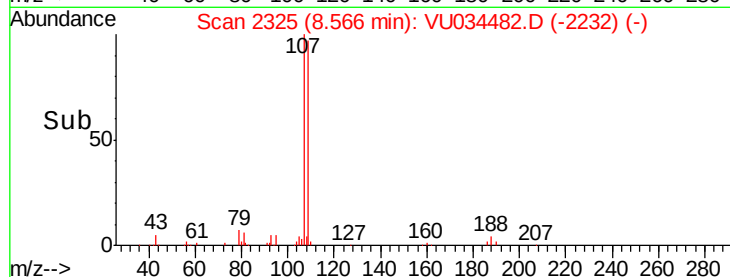
0

8.50

8.60

8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 51.510 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

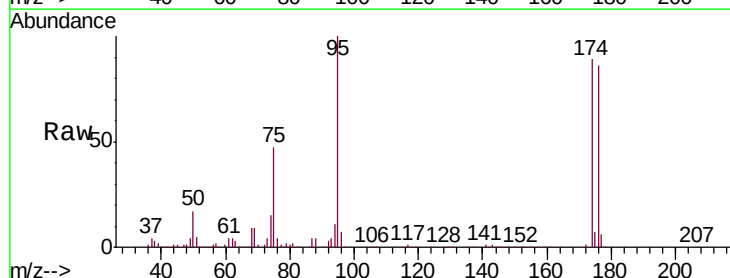
Tgt Ion: 95 Resp: 248131

Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.2

176 85.2 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

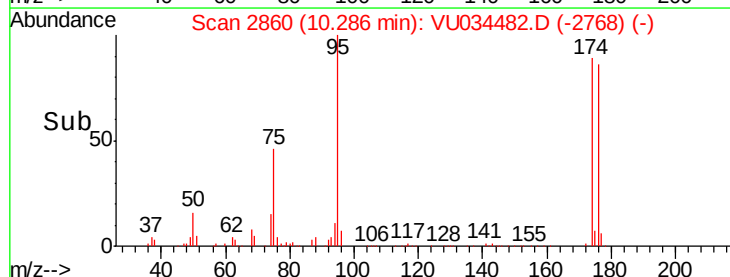
0

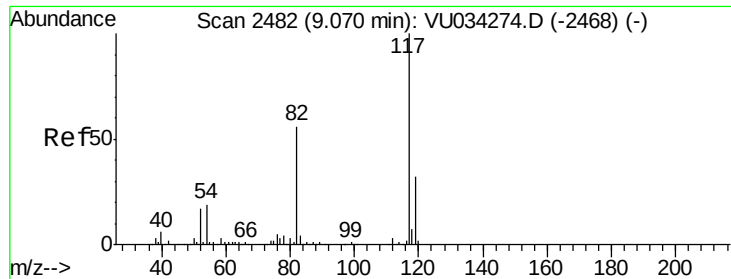
10.20

10.30

10.40

Time-->

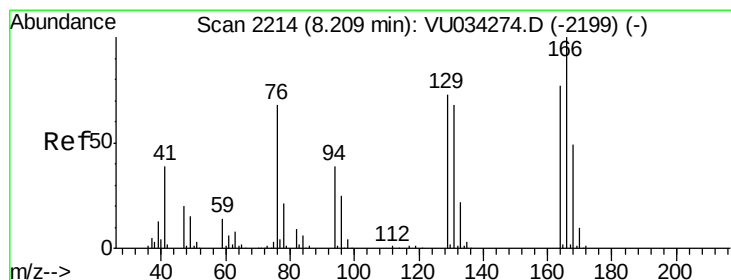
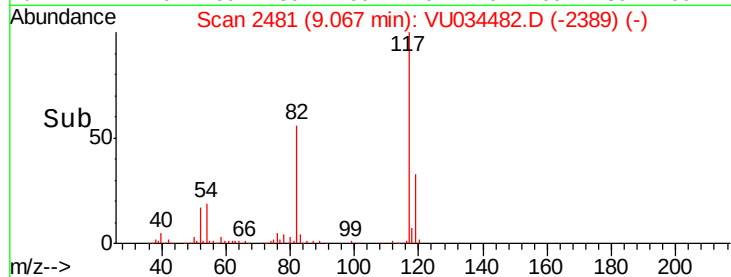
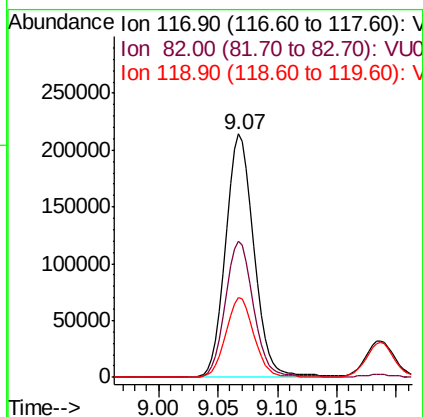
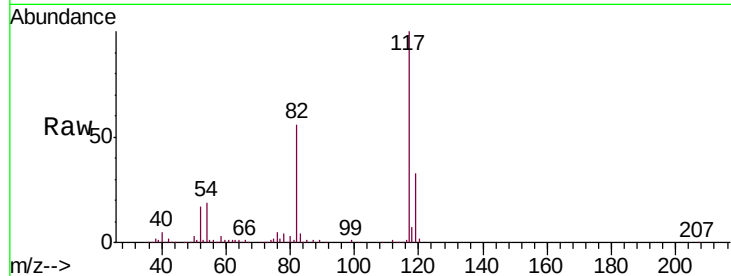




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

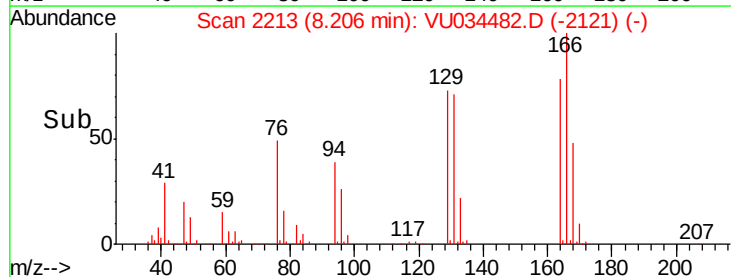
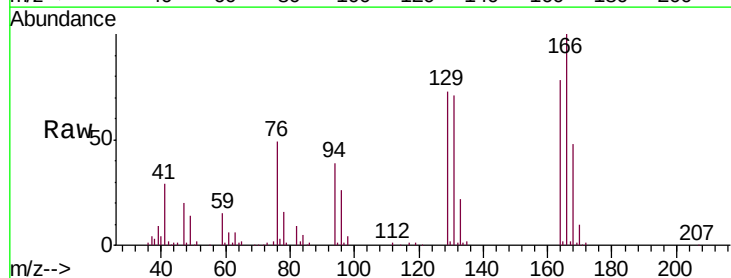
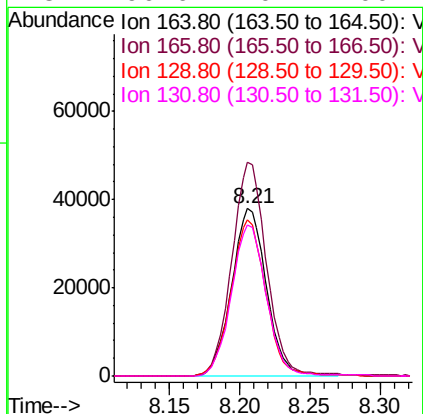
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

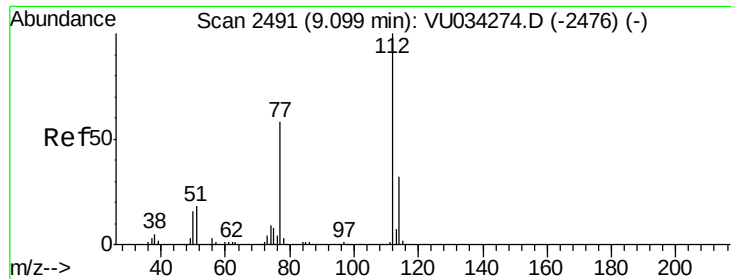
Tgt Ion:117 Resp: 354811
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 32.7 25.9 38.9



#64
Tetrachloroethene
Concen: 21.268 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion:164 Resp: 65466
Ion Ratio Lower Upper
164 100
166 127.8 103.7 155.5
129 93.3 75.8 113.8
131 90.6 70.7 106.1

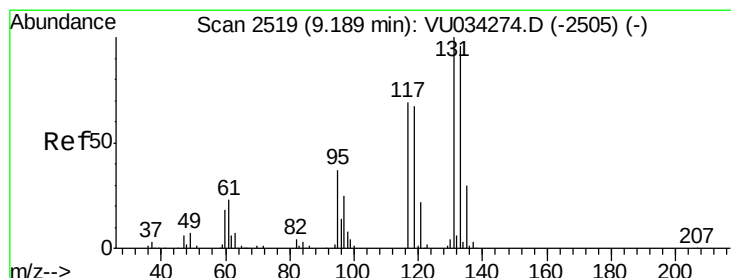
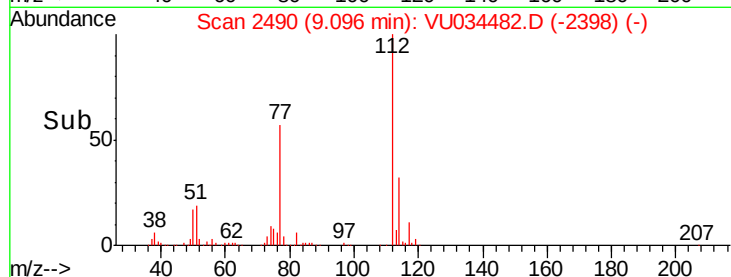
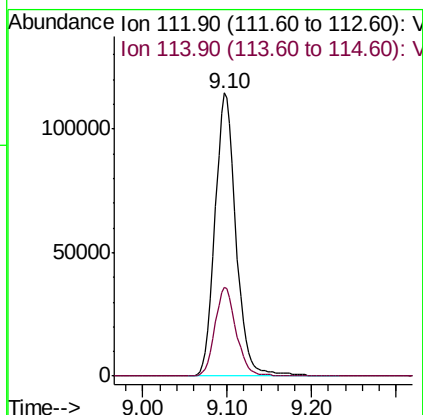
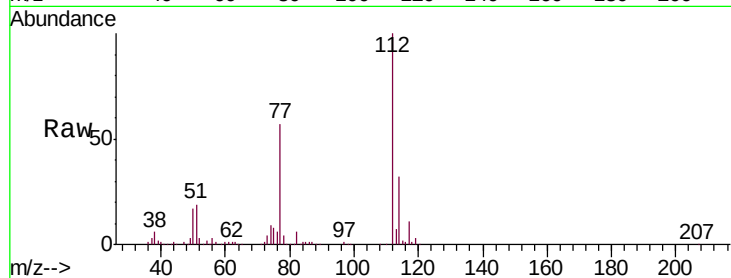




#65
Chlorobenzene
Concen: 22.065 ug/l
RT: 9.10 min Scan# 2490
Delta R.T. -0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

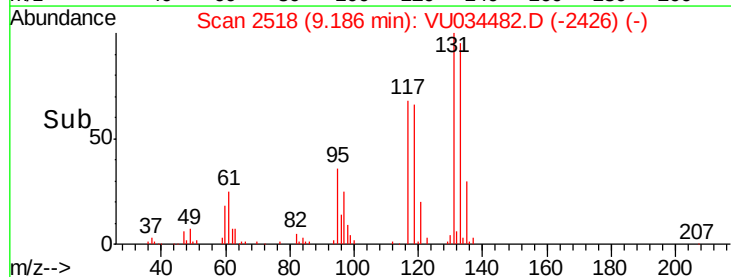
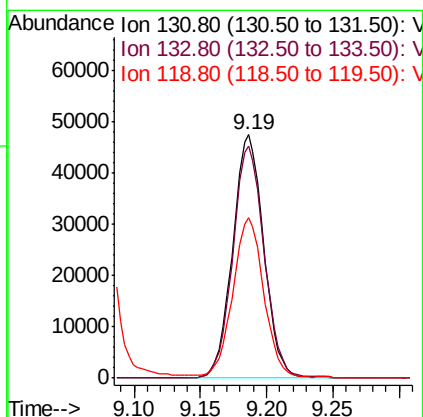
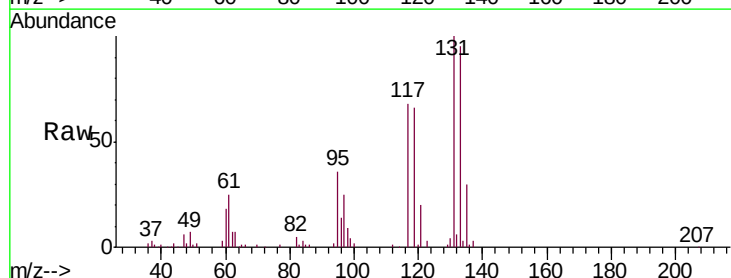
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

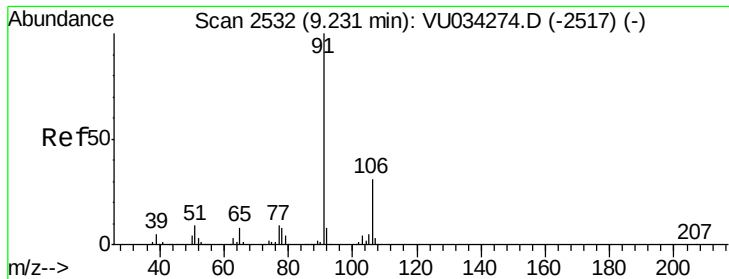
Tgt Ion:112 Resp: 198627
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.498 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion:131 Resp: 77290
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.7
119 65.1 33.1 99.5





#67

Ethyl Benzene

Concen: 21.692 ug/l

RT: 9.23 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

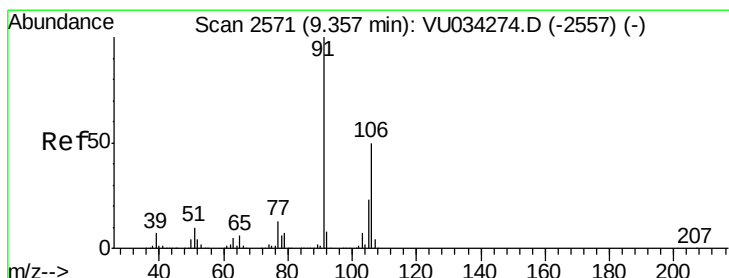
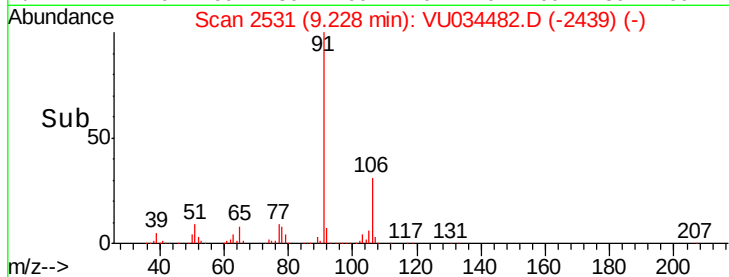
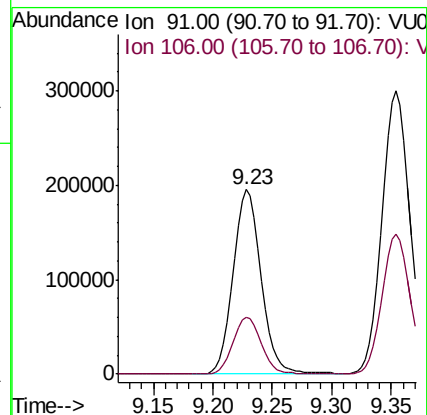
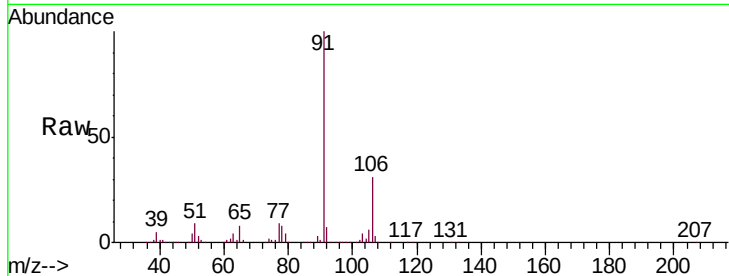
VU0912WBS01

Tgt Ion: 91 Resp: 319267

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 44.633 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU034482.D

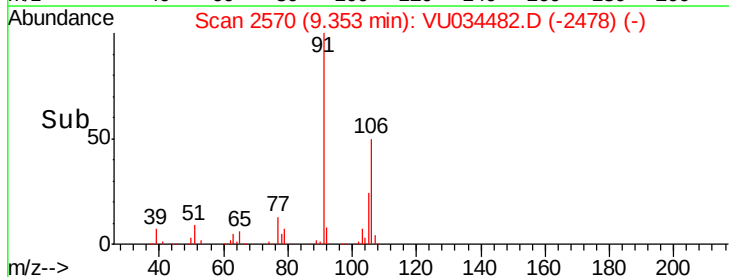
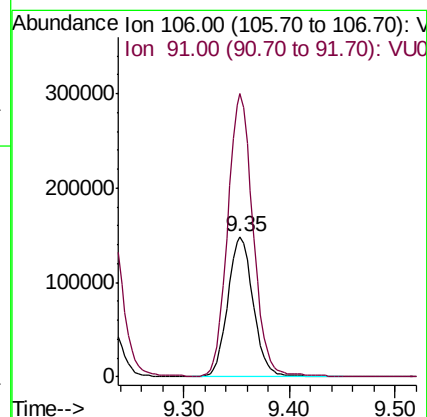
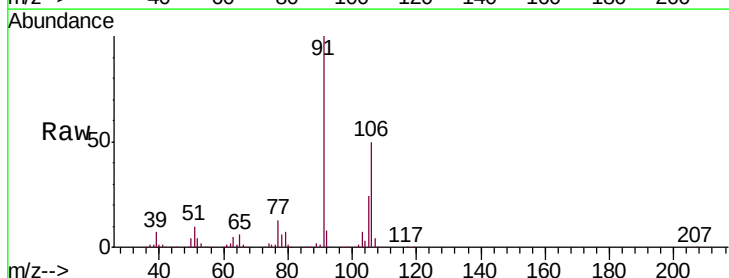
Acq: 11 Sep 2019 18:19

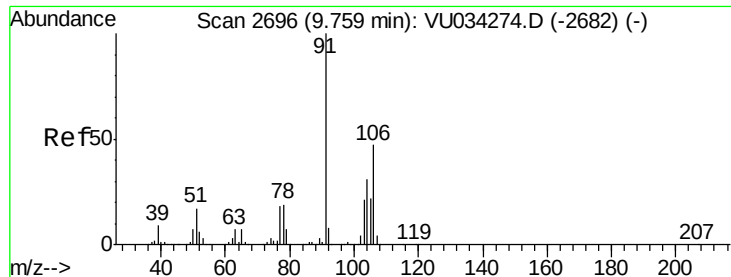
Tgt Ion: 106 Resp: 247370

Ion Ratio Lower Upper

106 100

91 201.6 160.1 240.1

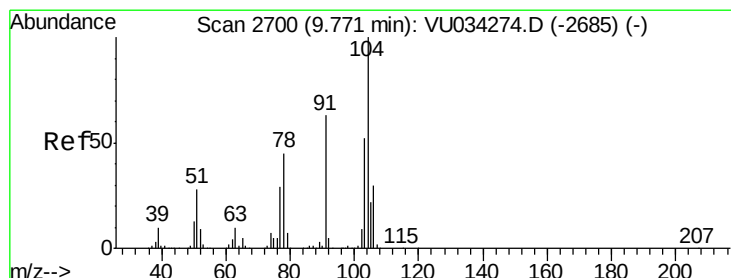
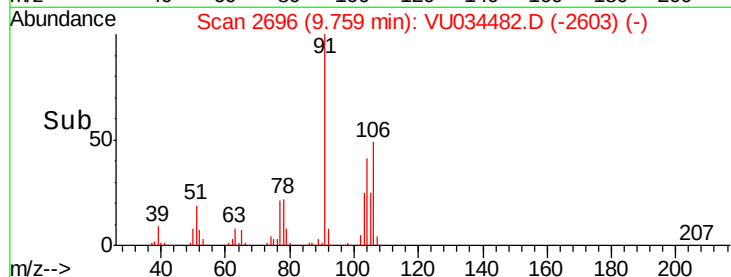
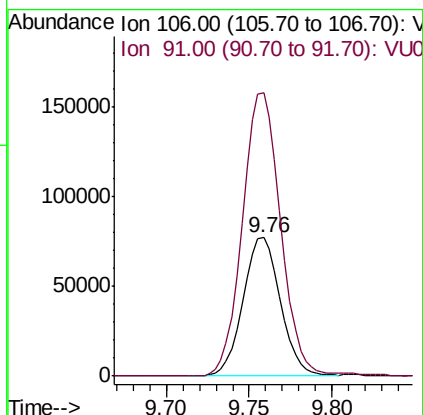
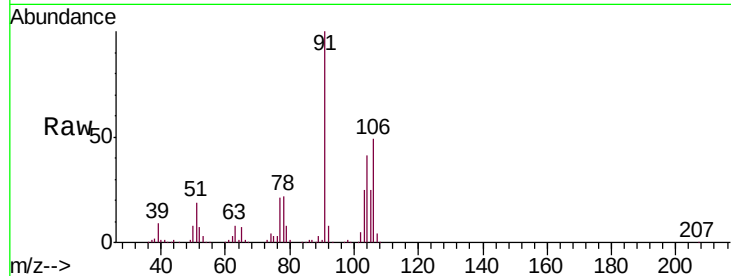




#69
o-Xylene
Concen: 22.452 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

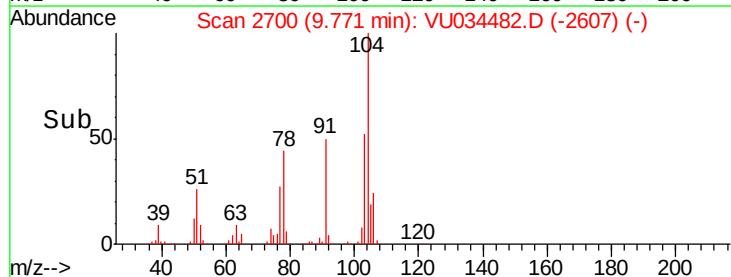
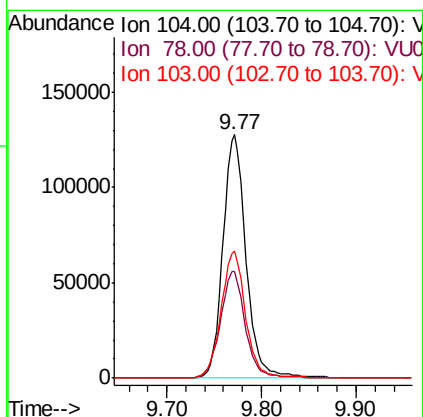
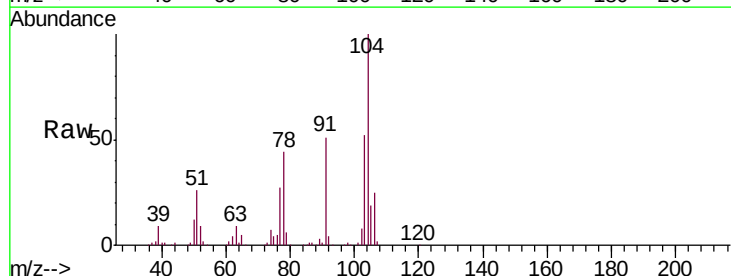
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

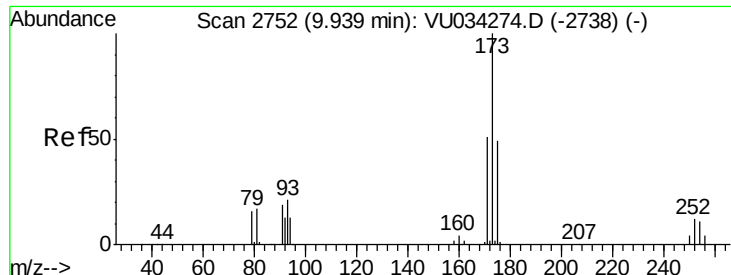
Tgt Ion:106 Resp: 121695
Ion Ratio Lower Upper
106 100
91 210.4 105.1 315.3



#70
Styrene
Concen: 22.795 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion:104 Resp: 216621
Ion Ratio Lower Upper
104 100
78 47.2 38.6 57.8
103 55.5 44.2 66.4

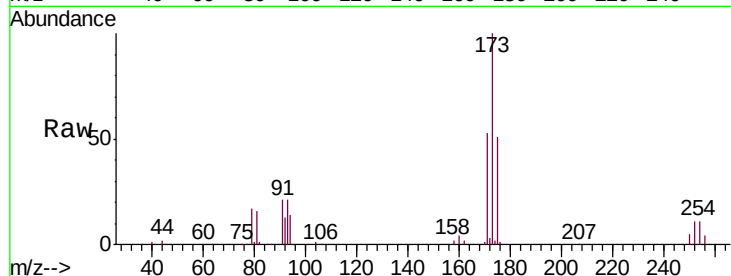




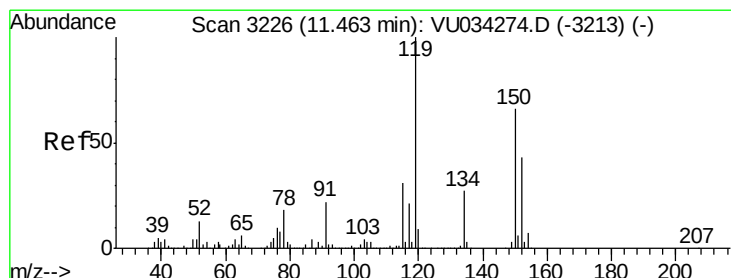
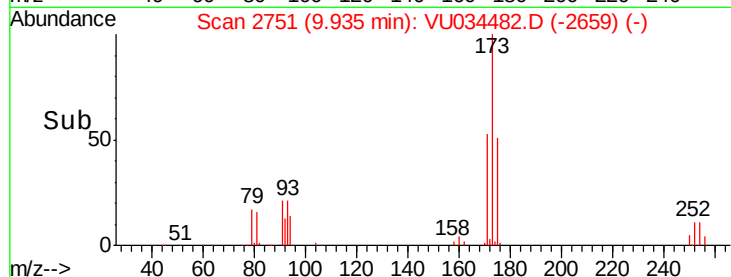
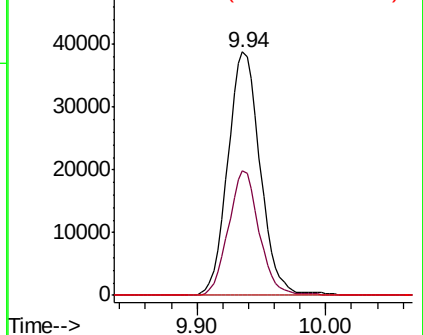
#71
 Bromoform
 Concen: 22.680 ug/l
 RT: 9.94 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

Tgt Ion:173 Resp: 67525
 Ion Ratio Lower Upper
 173 100
 175 48.8 24.4 73.2
 254 0.0 0.0 0.0

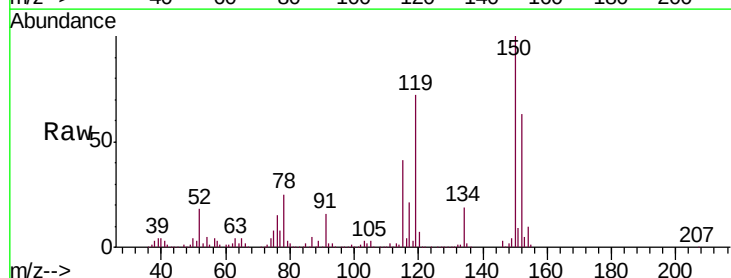


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

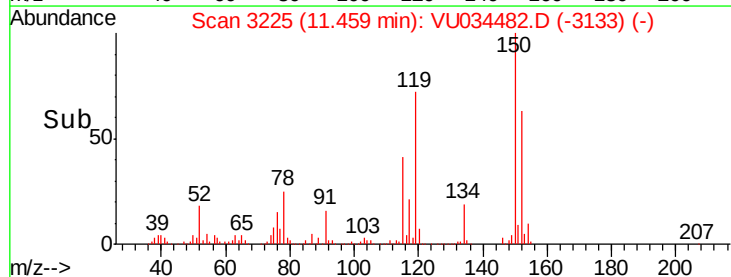
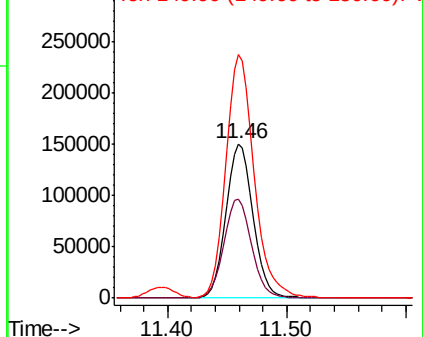


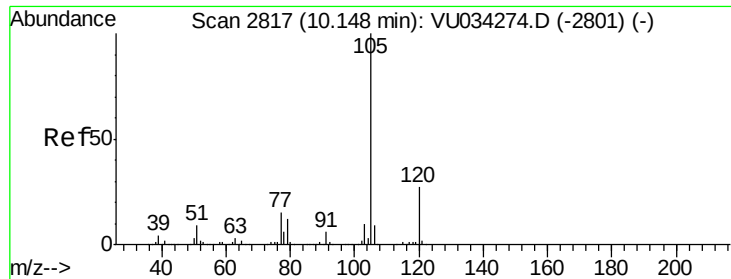
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.46 min Scan# 3225
 Delta R.T. -0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion:152 Resp: 238538
 Ion Ratio Lower Upper
 152 100
 115 65.5 39.1 117.3
 150 163.3 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: 21.323 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

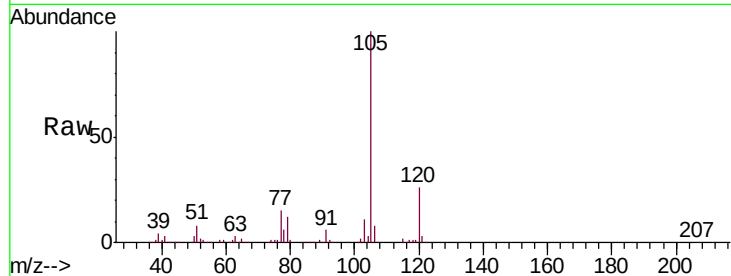
VU0912WBS01

Tgt Ion: 105 Resp: 331012

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.14

200000

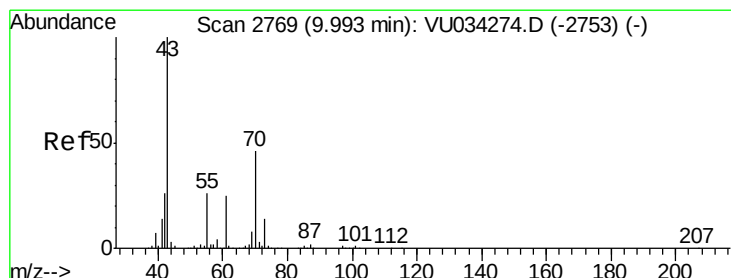
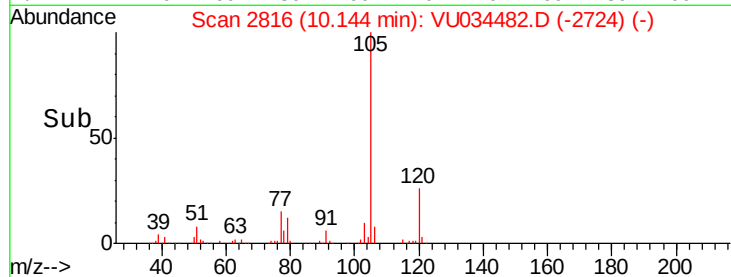
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.486 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Tgt Ion: 43 Resp: 128011

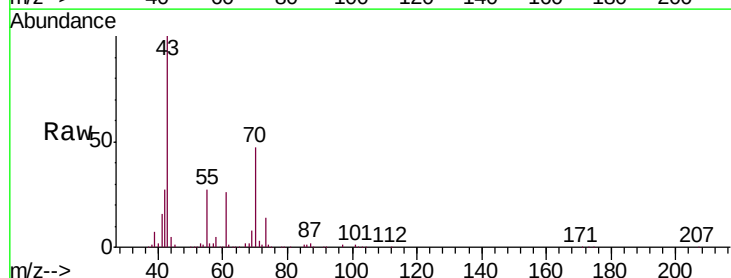
Ion Ratio Lower Upper

43 100

70 45.5 36.4 54.6

55 27.0 21.2 31.8

61 25.5 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

120000

100000

80000

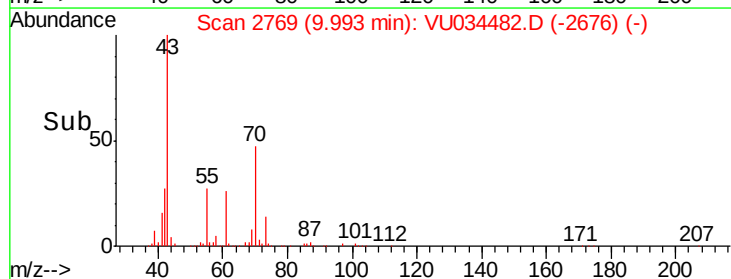
60000

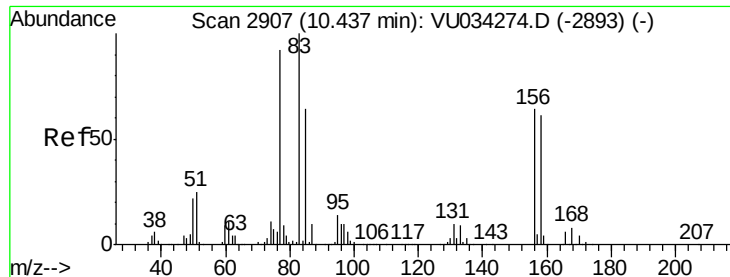
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.610 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

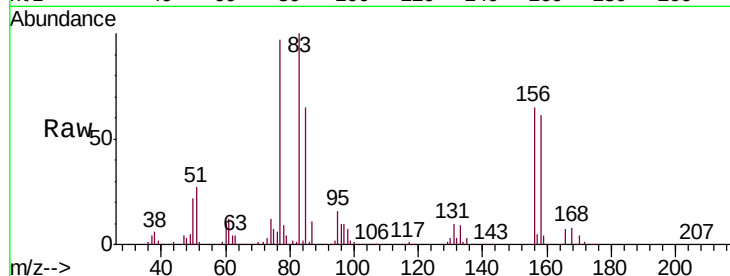
Tgt Ion: 83 Resp: 135787

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU034482.D (-2893) (-)

Ion 130.80 (130.50 to 131.50): VU034482.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU034482.D (-2893) (-)

10.43

80000

60000

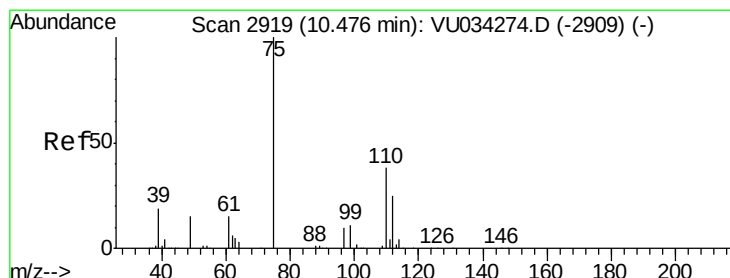
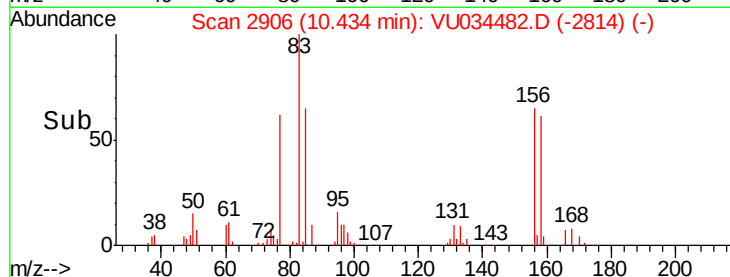
40000

20000

0

10.40 10.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 27.789 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034482.D

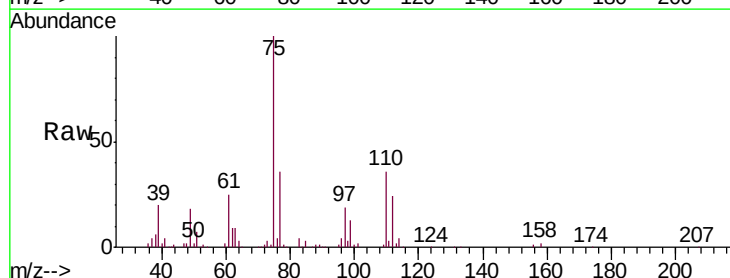
Acq: 11 Sep 2019 18:19

Tgt Ion: 75 Resp: 144692

Ion Ratio Lower Upper

75 100

77 33.1 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034482.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034482.D (-2826) (-)

10.47

80000

60000

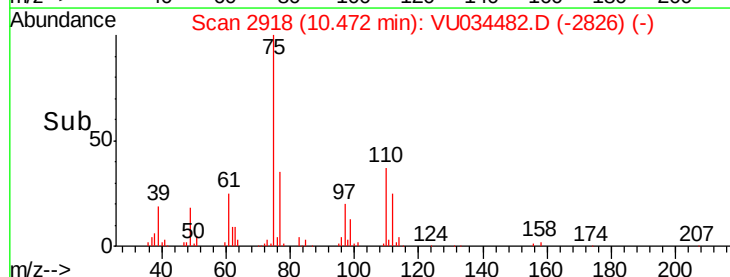
40000

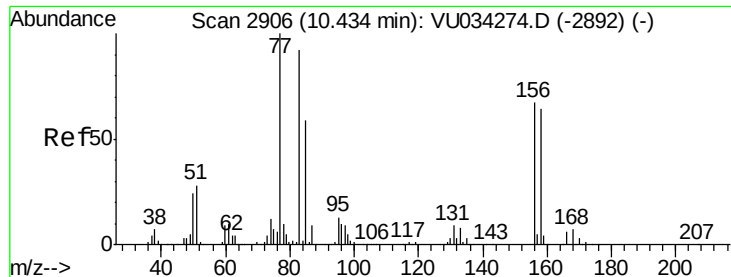
20000

0

10.40 10.50 10.55

Time-->





#77

Bromobenzene

Concen: 21.691 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBS01

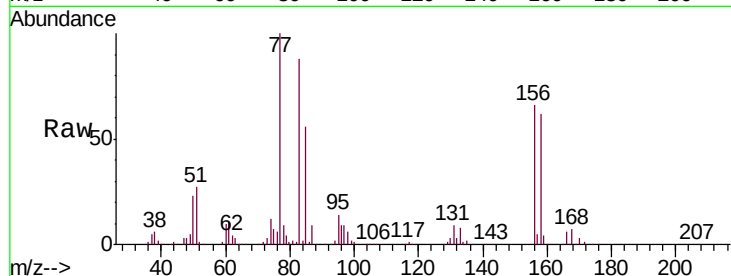
Tgt Ion:156 Resp: 94150

Ion Ratio Lower Upper

156 100

77 152.3 75.6 226.9

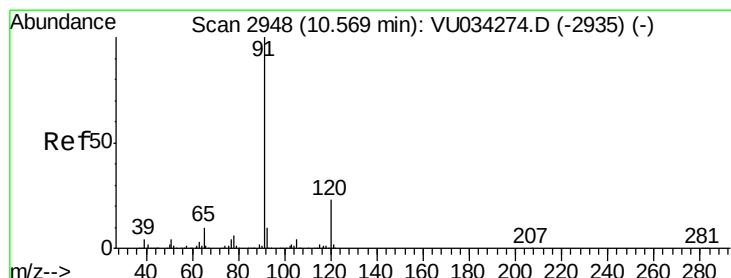
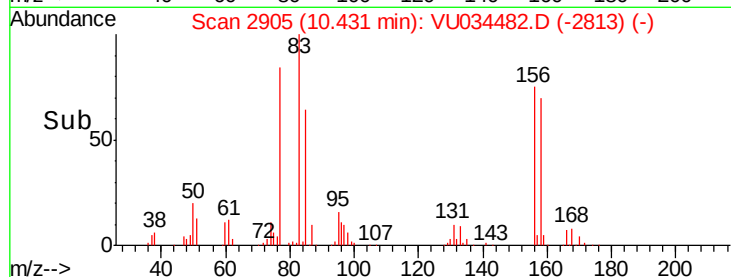
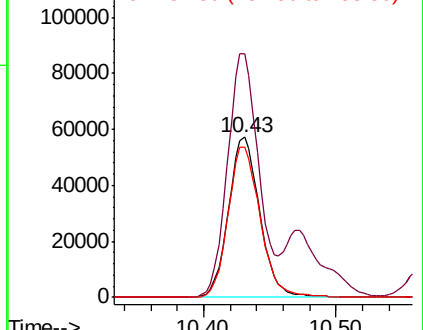
158 95.9 48.2 144.6



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: 21.479 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034482.D

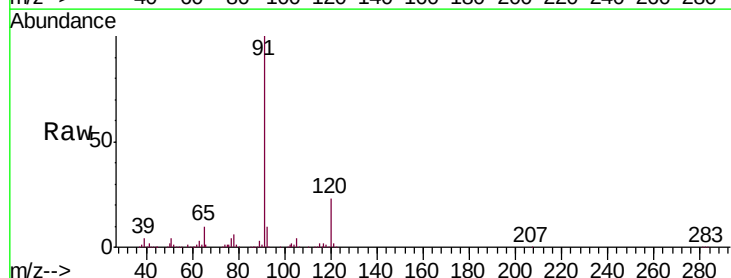
Acq: 11 Sep 2019 18:19

Tgt Ion: 91 Resp: 385085

Ion Ratio Lower Upper

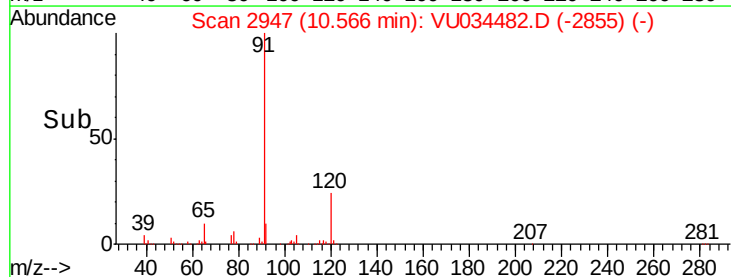
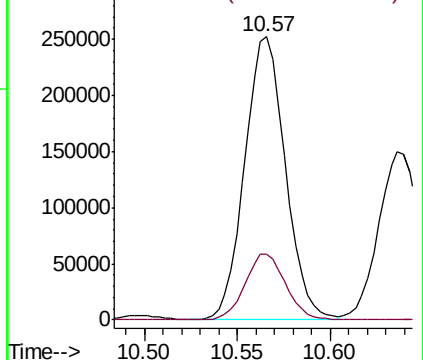
91 100

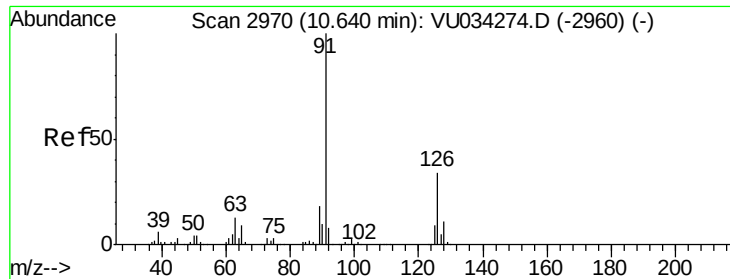
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.829 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. -0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

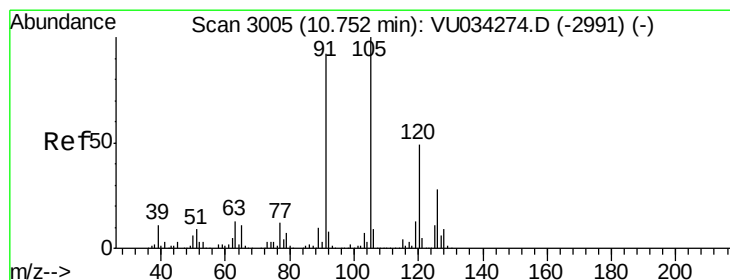
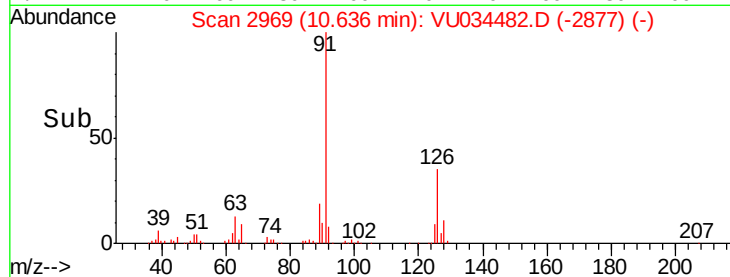
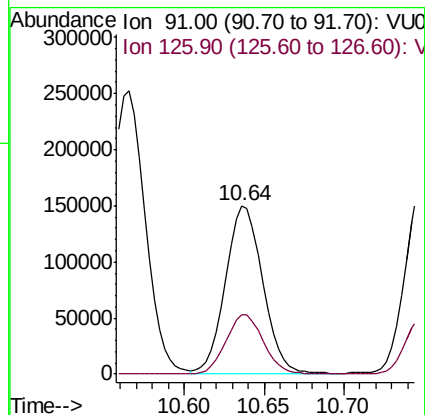
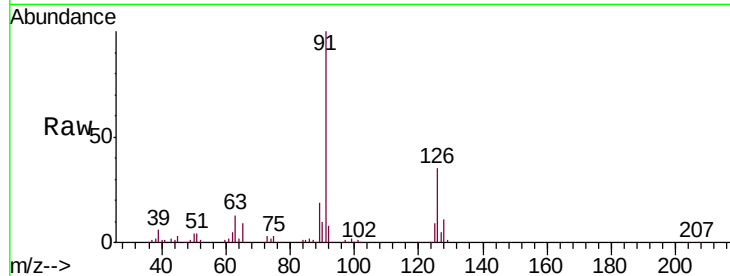
VU0912WBS01

Tgt Ion: 91 Resp: 238783

Ion Ratio Lower Upper

91 100

126 35.5 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 22.451 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034482.D

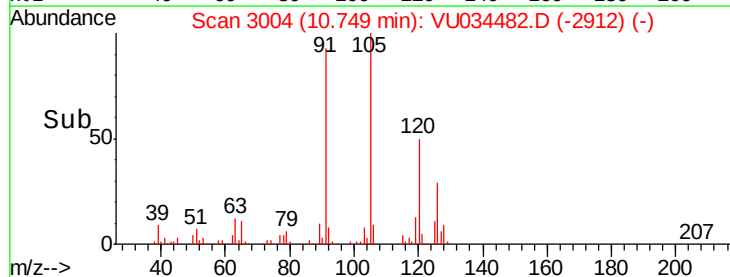
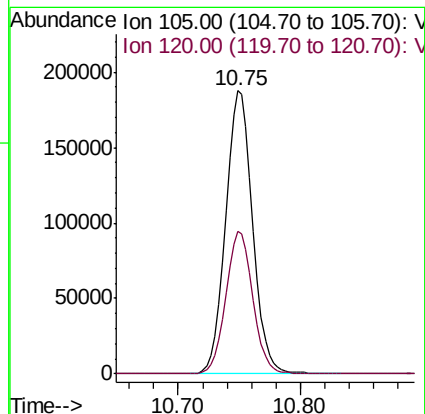
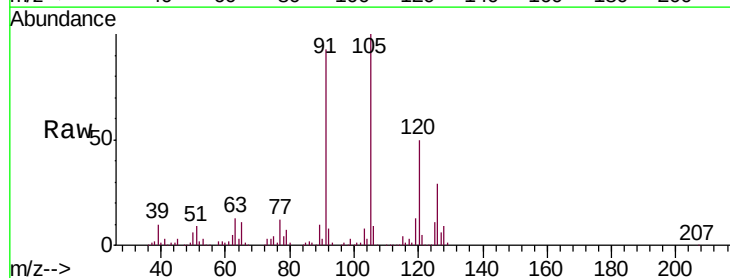
Acq: 11 Sep 2019 18:19

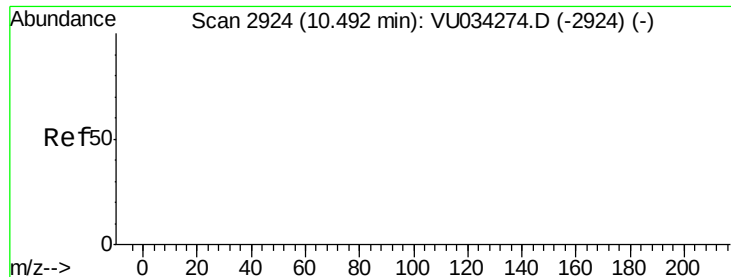
Tgt Ion: 105 Resp: 291475

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.7

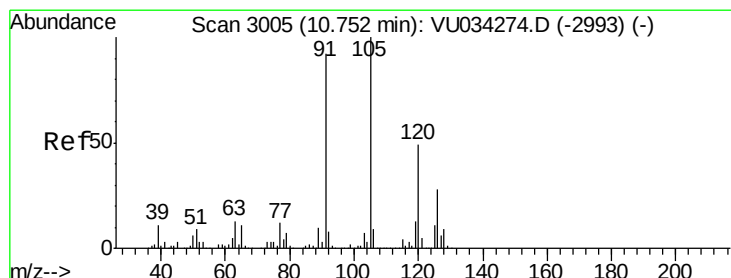
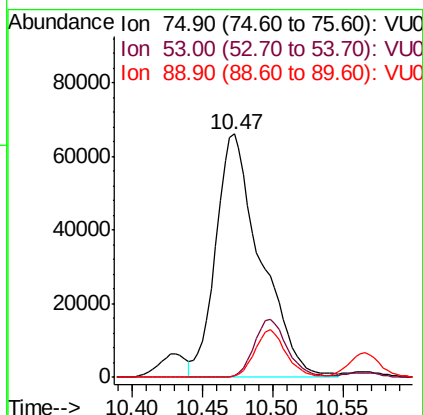
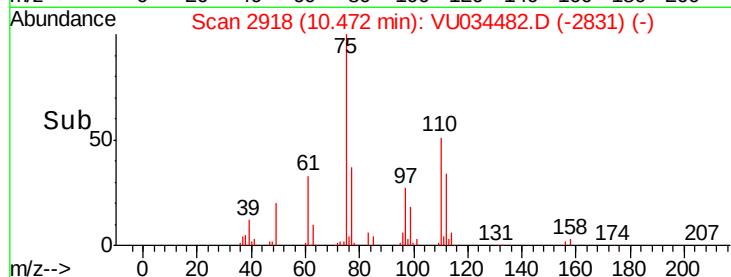
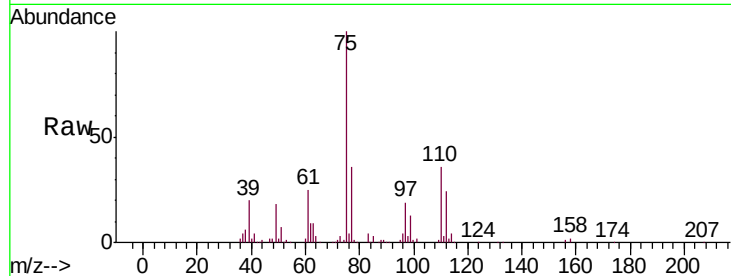




#81
trans-1,4-Dichloro-2-butene
Concen: 93.941 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

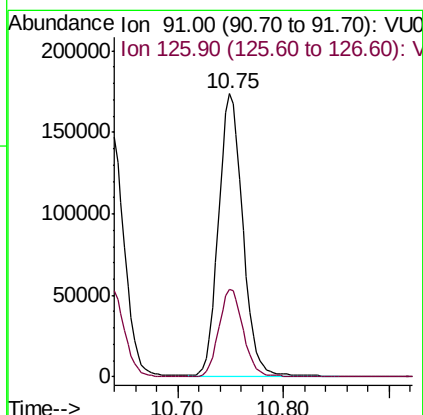
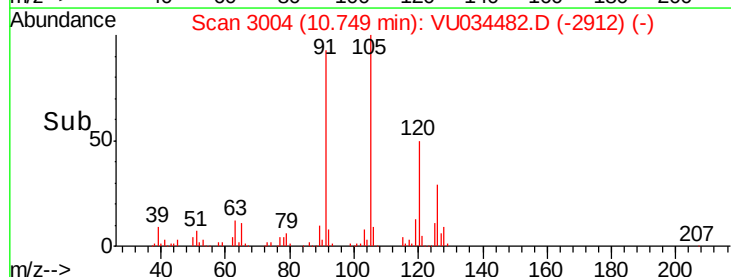
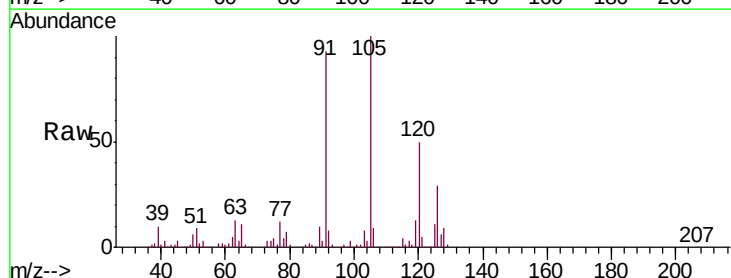
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

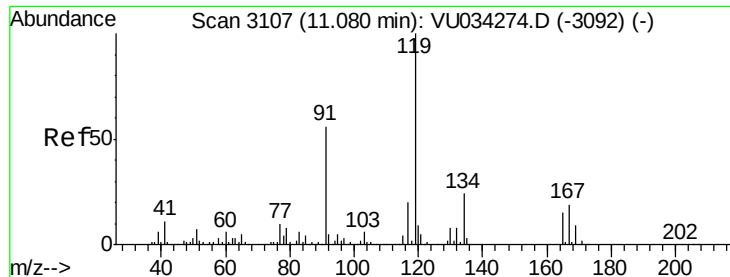
Tgt Ion: 75 Resp: 145450
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.935 ug/l
RT: 10.75 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion: 91 Resp: 276134
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.8

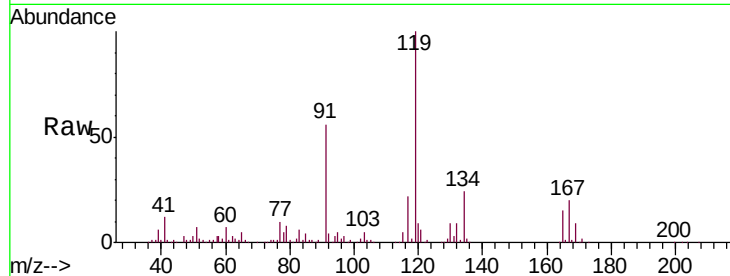




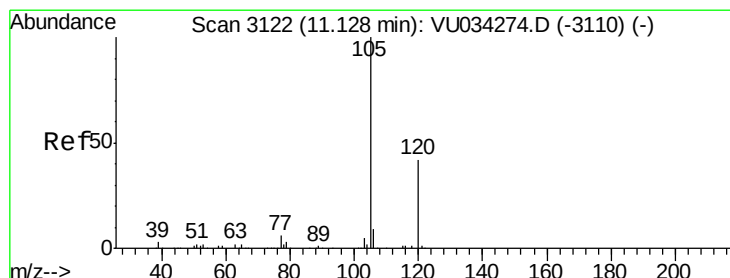
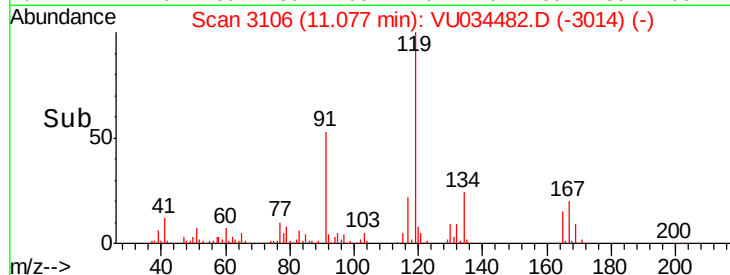
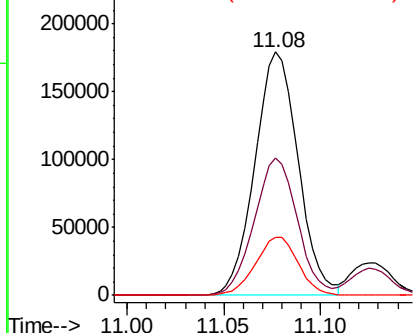
#83
 tert-Butylbenzene
 Concen: 21.602 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

Tgt Ion:119 Resp: 280564
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.8 83.4
 134 23.6 11.7 35.0

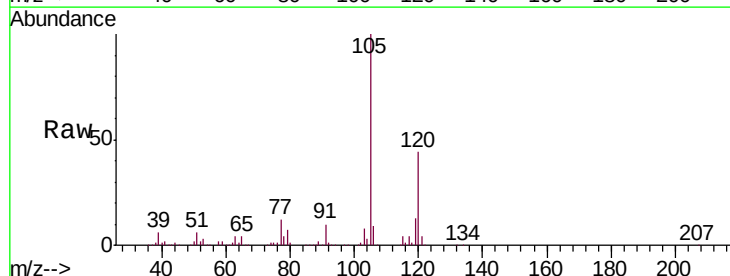


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

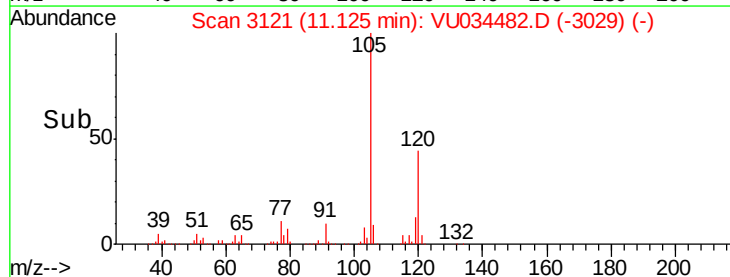
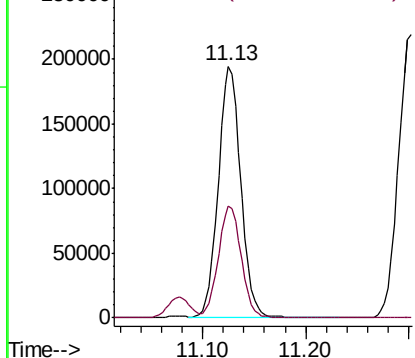


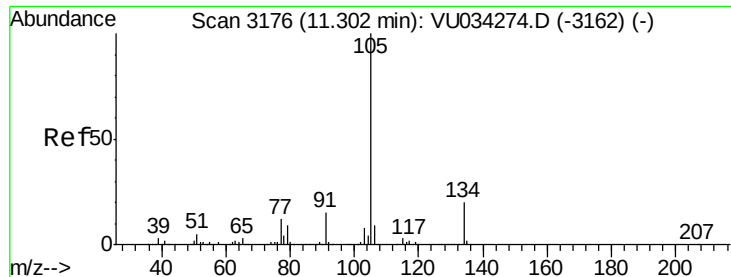
#84
 1,2,4-Trimethylbenzene
 Concen: 22.518 ug/l
 RT: 11.13 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion:105 Resp: 294279
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 22.058 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. 0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

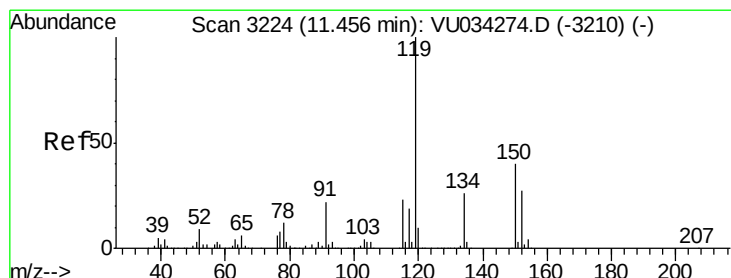
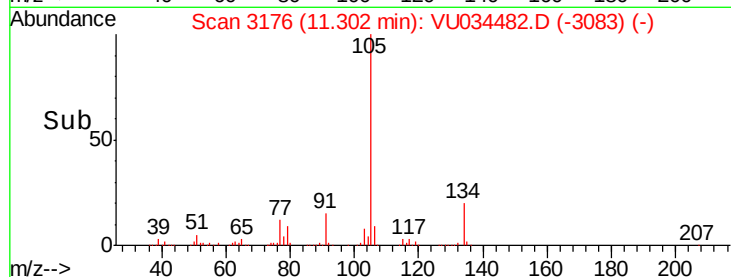
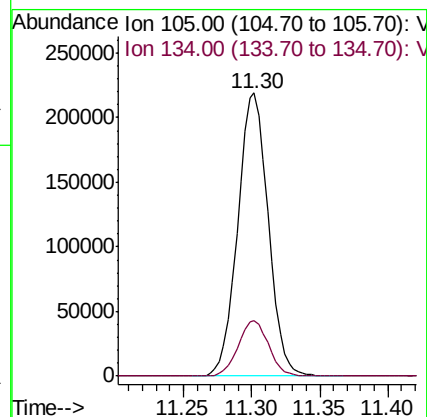
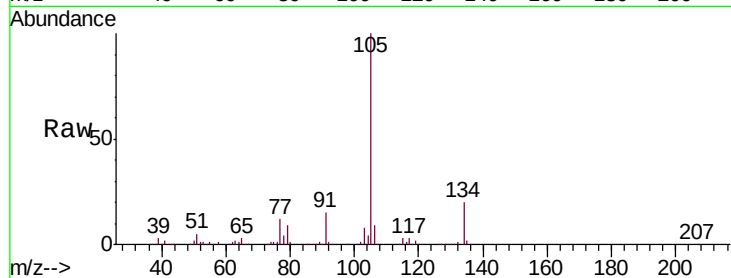
VU0912WBS01

Tgt Ion:105 Resp: 338214

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.3



#86

p-Isopropyltoluene

Concen: 21.970 ug/l

RT: 11.45 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VU034482.D

Acq: 11 Sep 2019 18:19

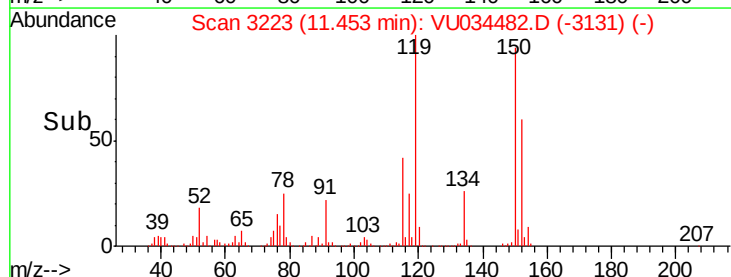
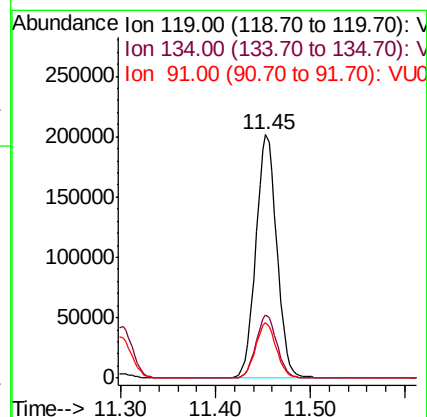
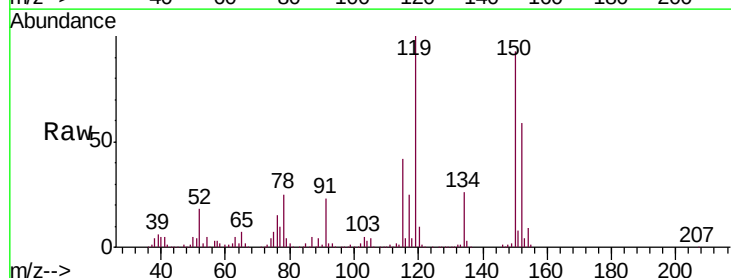
Tgt Ion:119 Resp: 310922

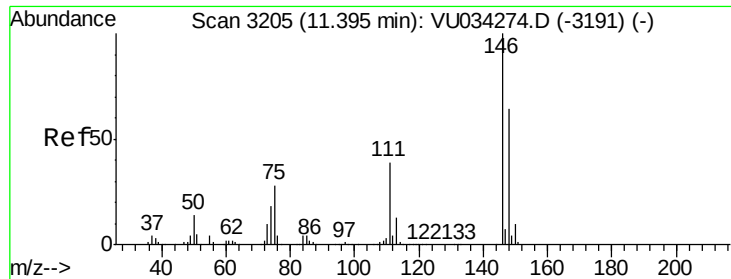
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 22.4 11.2 33.6

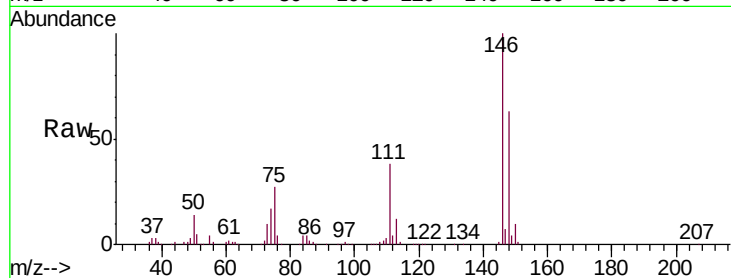




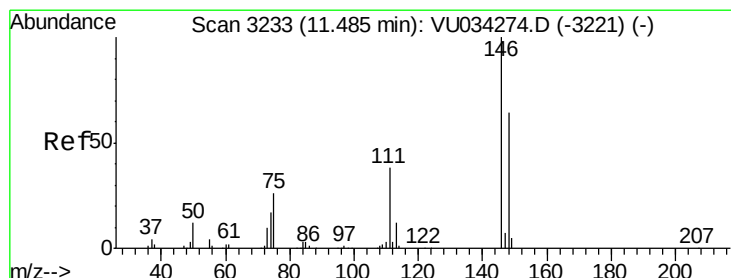
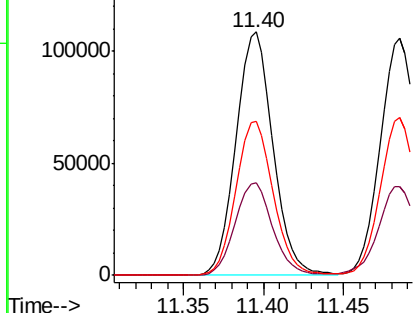
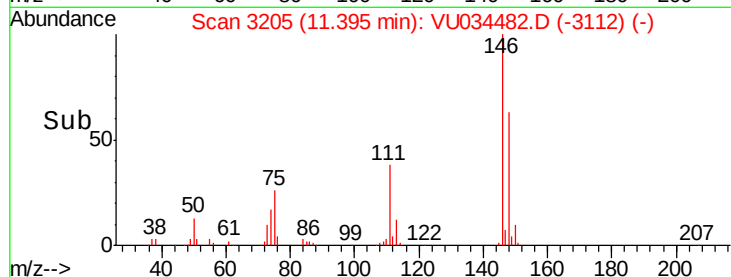
#87
 1,3-Dichlorobenzene
 Concen: 21.662 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.5	58.5
148	63.7	32.1	96.3

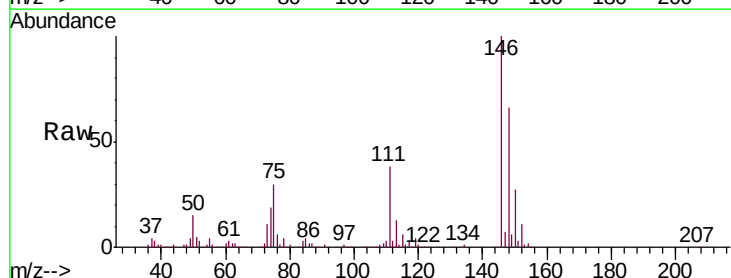


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

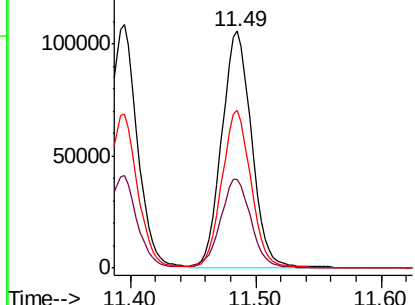
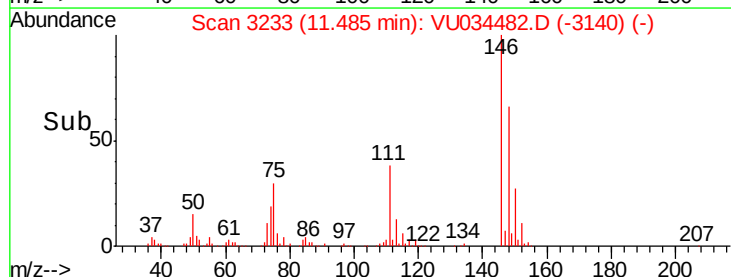


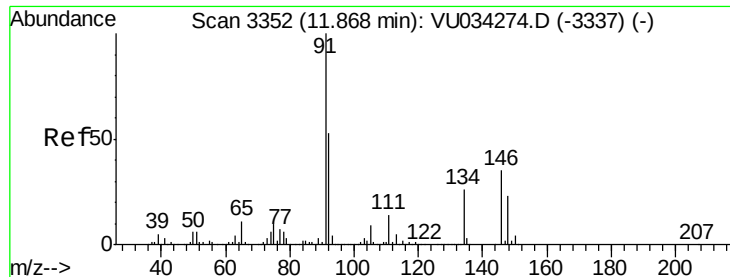
#88
 1,4-Dichlorobenzene
 Concen: 20.985 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.3
148	64.7	32.0	96.0



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

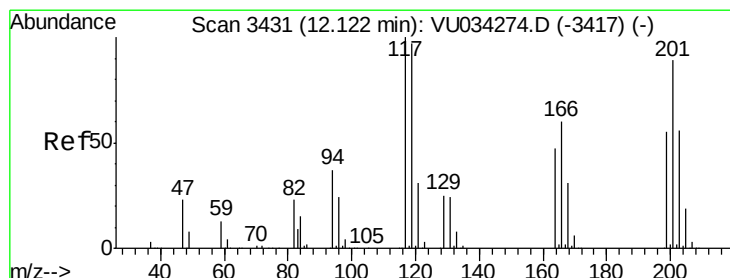
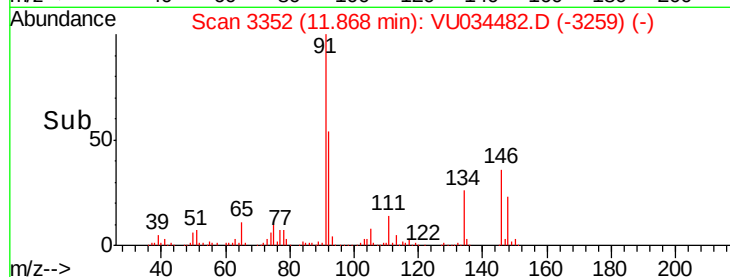
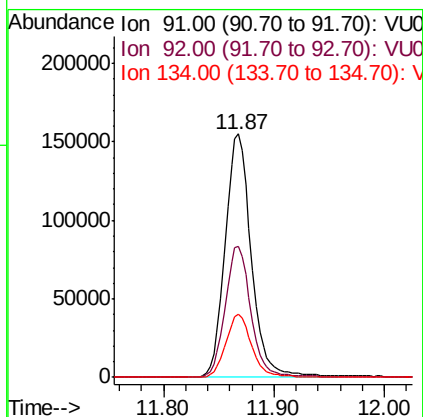
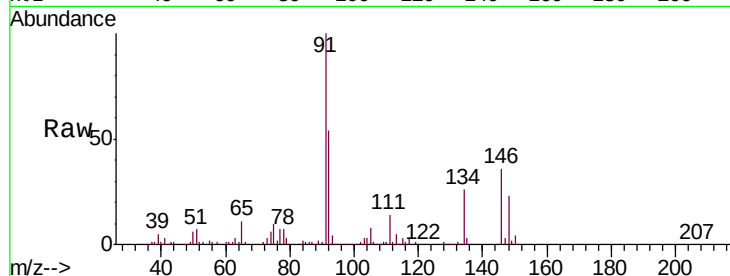




#89
n-Butylbenzene
Concen: 20.822 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

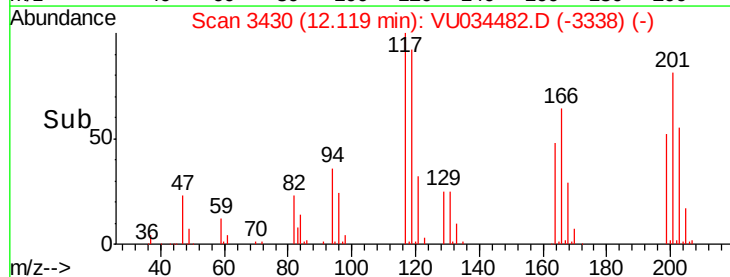
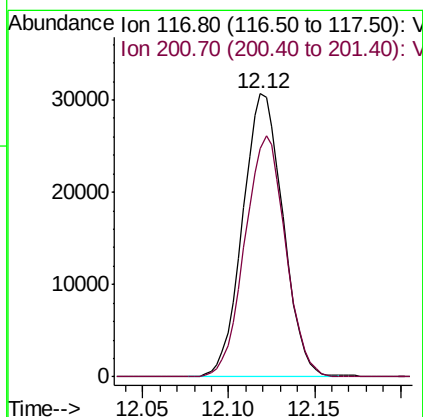
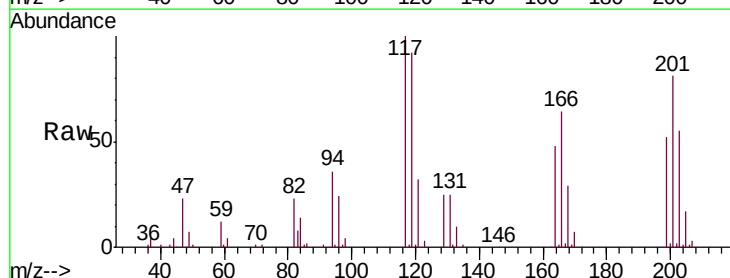
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

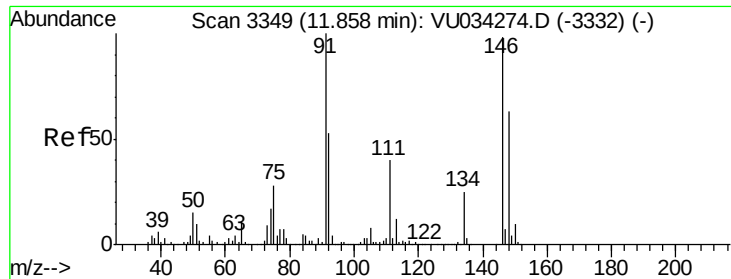
Tgt Ion: 91 Resp: 256075
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 25.7 13.2 39.6



#90
Hexachloroethane
Concen: 22.155 ug/l
RT: 12.12 min Scan# 3430
Delta R.T. -0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion: 117 Resp: 50164
Ion Ratio Lower Upper
117 100
201 85.1 44.1 132.4

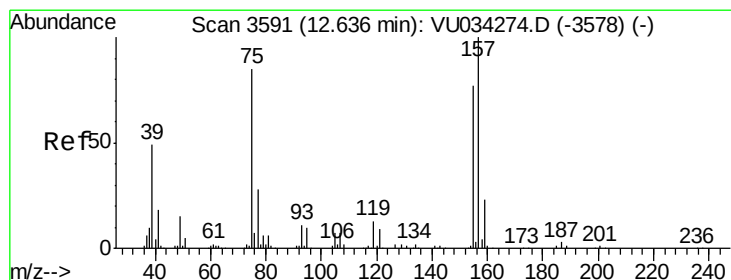
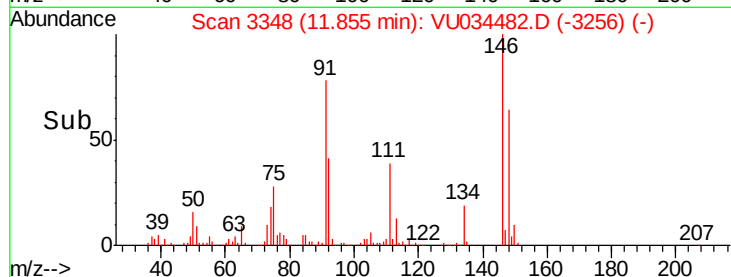
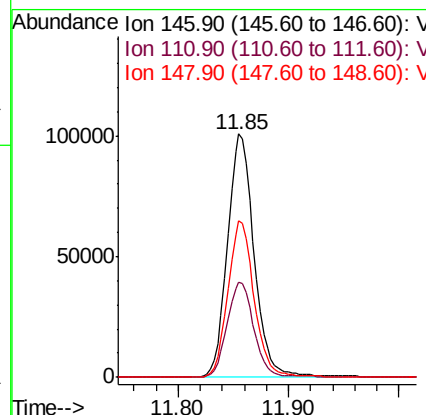
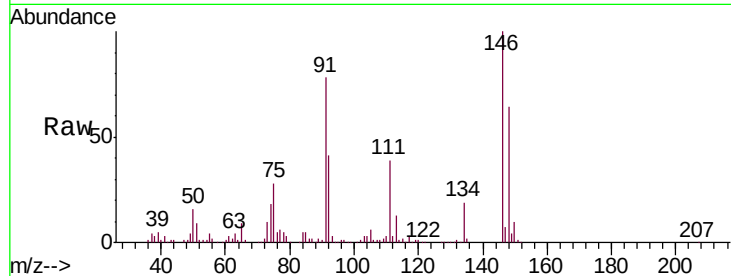




#91
 1,2-Dichlorobenzene
 Concen: 21.627 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

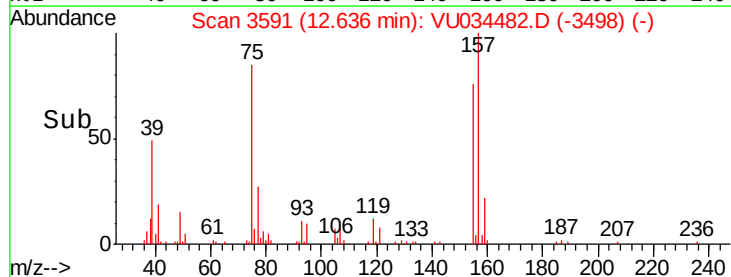
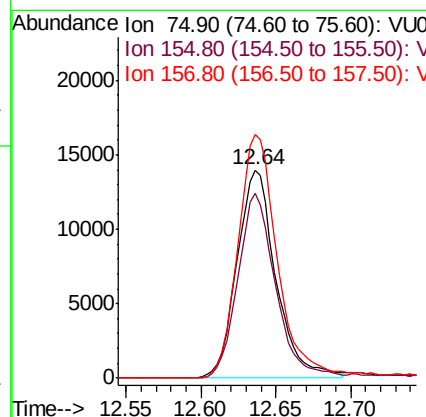
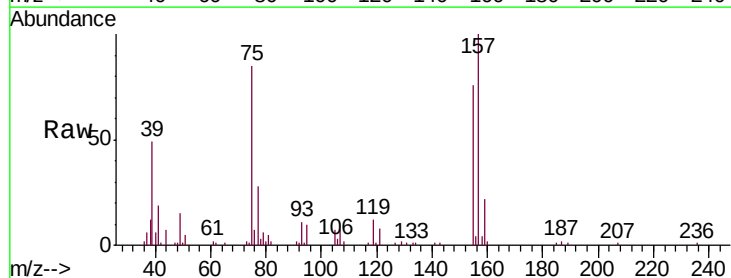
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

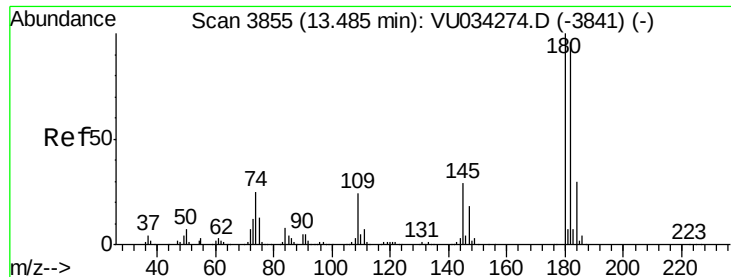
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	63.9	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.962 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	44.6	134.0
157	120.0	58.2	174.6

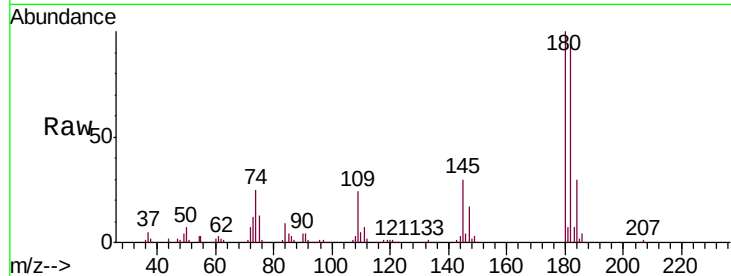




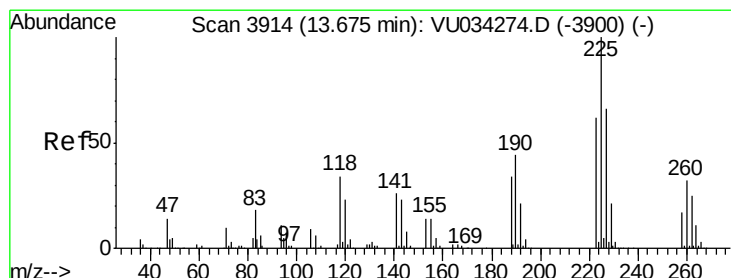
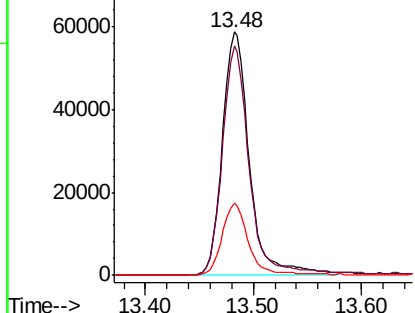
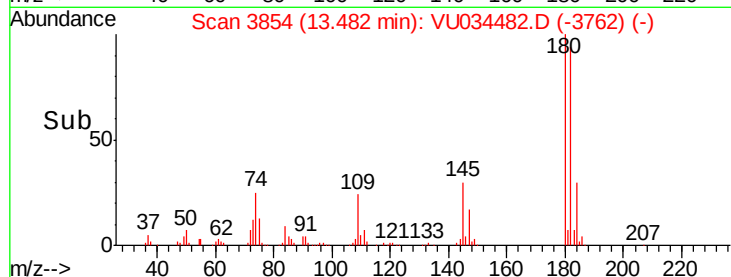
#93
 1,2,4-Trichlorobenzene
 Concen: 20.413 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.8
145	27.9	14.4	43.0

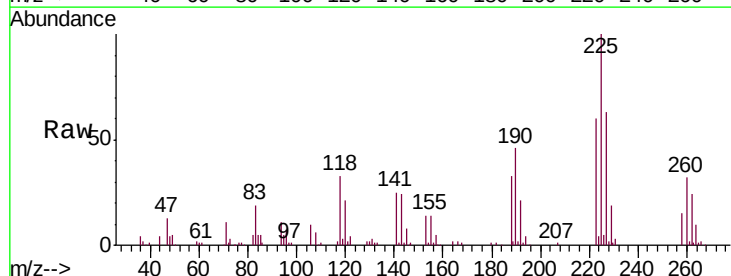


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

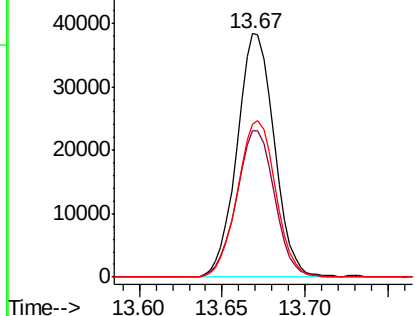
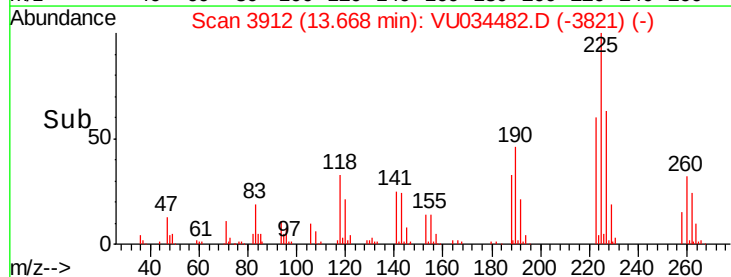


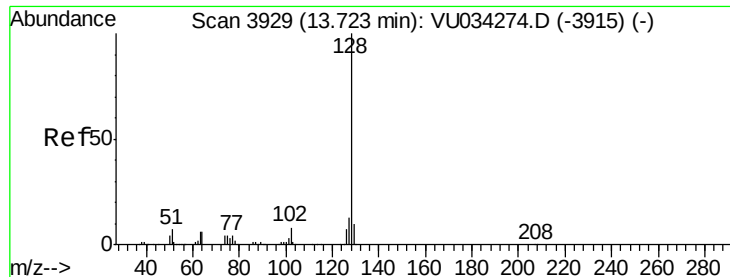
#94
 Hexachlorobutadiene
 Concen: 22.020 ug/l
 RT: 13.67 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: VU034482.D
 Acq: 11 Sep 2019 18:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.6	94.7
227	65.9	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

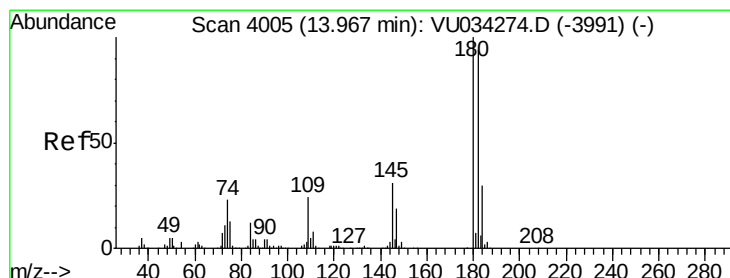
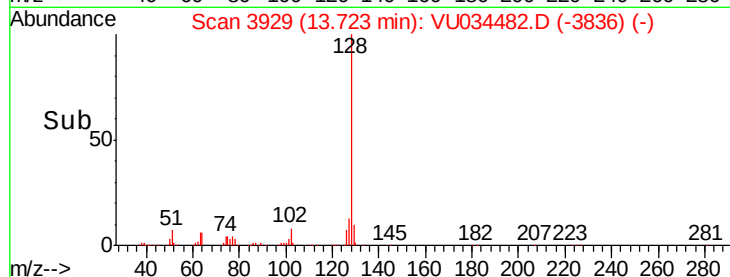
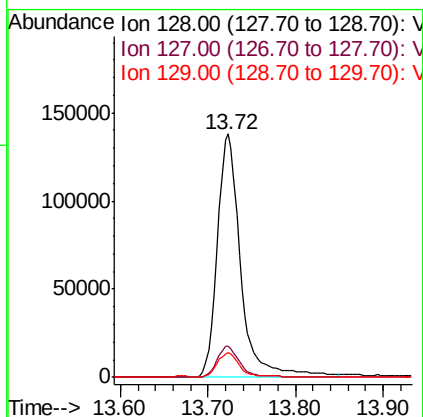
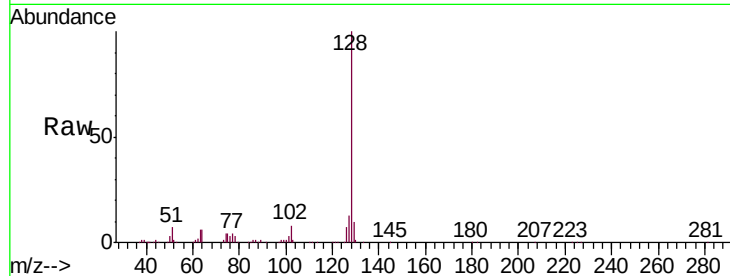




#95
Naphthalene
Concen: 18.854 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
VU0912WBS01

Tgt Ion:128 Resp: 257087
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 9.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.981 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034482.D
Acq: 11 Sep 2019 18:19

Tgt Ion:180 Resp: 105591
Ion Ratio Lower Upper
180 100
182 91.8 48.4 145.0
145 30.8 15.4 46.4

