

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083019\
 Data File : VU034071.D
 Acq On : 29 Aug 2019 18:46
 Operator : JC/SP
 Sample : VU0830WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

Quant Time: Aug 30 04:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	421698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	680763	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	648938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	344058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	282439	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	4.86	113	238214	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	7.55	98	920005	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	10.29	95	336952	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	93551	22.058	ug/l	99
3) Chloromethane	1.32	50	118099	19.579	ug/l	99
4) Vinyl Chloride	1.40	62	118869	21.059	ug/l	98
5) Bromomethane	1.61	94	63136	19.719	ug/l	99
6) Chloroethane	1.69	64	72114	20.897	ug/l	99
7) Trichlorofluoromethane	1.88	101	140611	21.499	ug/l	98
8) Diethyl Ether	2.09	74	60278	21.544	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.27	101	88846	21.443	ug/l	99
10) Methyl Iodide	2.40	142	67630	11.506	ug/l	99
11) Tert butyl alcohol	2.81	59	120603	96.788	ug/l	99
12) 1,1-Dichloroethene	2.27	96	90331	21.397	ug/l	98
13) Acrolein	2.18	56	44855	85.572	ug/l	99
14) Allyl chloride	2.58	41	147481	18.581	ug/l	92
15) Acrylonitrile	2.92	53	309507	108.246	ug/l	99
16) Acetone	2.31	43	259467	94.110	ug/l	99
17) Carbon Disulfide	2.46	76	266742	19.964	ug/l	100
18) Methyl Acetate	2.60	43	149025	20.917	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	305524	22.088	ug/l	100
20) Methylene Chloride	2.68	84	110630	21.196	ug/l	98
21) trans-1,2-Dichloroethene	2.96	96	97495	21.279	ug/l	98
22) Diisopropyl ether	3.55	45	322194	22.152	ug/l	95
23) Vinyl Acetate	3.50	43	1345358	107.678	ug/l	99
24) 1,1-Dichloroethane	3.42	63	190043	22.132	ug/l	99
25) 2-Butanone	4.24	43	408368	106.463	ug/l	100
26) 2,2-Dichloropropane	4.20	77	130225	18.638	ug/l	98
27) cis-1,2-Dichloroethene	4.20	96	110423	21.472	ug/l	97
28) Bromochloromethane	4.52	49	87830	20.761	ug/l	100
29) Tetrahydrofuran	4.61	42	259480	109.692	ug/l	99
30) Chloroform	4.65	83	181150	21.144	ug/l	97
31) Cyclohexane	4.97	56	167711	20.785	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	150016	21.380	ug/l	99
36) 1,1-Dichloropropene	5.12	75	133047	20.662	ug/l	98
37) Ethyl Acetate	4.36	43	149301	20.706	ug/l	99
38) Carbon Tetrachloride	5.11	117	128357	20.651	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	150359	19.812	ug/l	98
40) Benzene	5.37	78	411574	21.126	ug/l	100
41) Methacrylonitrile	4.52	41	78386	21.197	ug/l	98
42) 1,2-Dichloroethane	5.38	62	140494	20.884	ug/l	98
43) Isopropyl Acetate	5.53	43	221409	20.183	ug/l	99
44) Trichloroethene	6.17	130	109146	21.334	ug/l	98
45) 1,2-Dichloropropane	6.41	63	112425	20.964	ug/l	99
46) Dibromomethane	6.54	93	72218	20.902	ug/l	99
47) Bromodichloromethane	6.74	83	140147	20.732	ug/l	98
48) Methyl methacrylate	6.60	41	107123	20.236	ug/l	99
49) 1,4-Dioxane	6.59	88	52903	398.865	ug/l	100
51) 4-Methyl-2-Pentanone	7.44	43	765076	100.988	ug/l	99
52) Toluene	7.62	92	257240	21.434	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	145550	19.405	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	166491	20.317	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	100499	19.797	ug/l	96
56) Ethyl methacrylate	8.00	69	147307	18.126	ug/l	97
57) 1,3-Dichloropropane	8.22	76	177193	20.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	271029	96.506	ug/l	100
59) 2-Hexanone	8.34	43	577607	100.995	ug/l	98
60) Dibromochloromethane	8.46	129	108787	19.964	ug/l	100
61) 1,2-Dibromoethane	8.57	107	106983	20.006	ug/l	99
64) Tetrachloroethene	8.21	164	94606	21.708	ug/l	98
65) Chlorobenzene	9.10	112	279135	20.902	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.19	131	96204	19.867	ug/l	99
67) Ethyl Benzene	9.23	91	466703	20.616	ug/l	100
68) m/p-Xylenes	9.36	106	361595	42.008	ug/l	99
69) o-Xylene	9.76	106	172125	20.843	ug/l	99
70) Styrene	9.77	104	302418	21.358	ug/l	100
71) Bromoform	9.94	173	80646	19.168	ug/l #	99
73) Isopropylbenzene	10.15	105	460120	19.910	ug/l	99
74) N-amyl acetate	10.00	43	189060	19.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	172441	19.495	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	188178	24.267	ug/l	86
77) Bromobenzene	10.43	156	123560	19.876	ug/l	99
78) n-propylbenzene	10.57	91	546166	20.293	ug/l	99
79) 2-Chlorotoluene	10.64	91	329878	20.434	ug/l	99
80) 1,3,5-Trimethylbenzene	10.76	105	405745	20.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	188178	81.713	ug/l #	100
82) 4-Chlorotoluene	10.76	91	379118	20.420	ug/l	100
83) tert-Butylbenzene	11.08	119	374915	19.443	ug/l	98
84) 1,2,4-Trimethylbenzene	11.13	105	400410	20.587	ug/l	99
85) sec-Butylbenzene	11.30	105	461838	19.984	ug/l	99
86) p-Isopropyltoluene	11.46	119	424111	20.291	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	222359	20.204	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	223639	20.093	ug/l	99
89) n-Butylbenzene	11.87	91	370990	20.132	ug/l	100
90) Hexachloroethane	12.12	117	61718	17.078	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	215499	20.441	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.64	75	33262	18.875	ug/l	98

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ClientSampleId :
VU0830WBSD01

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

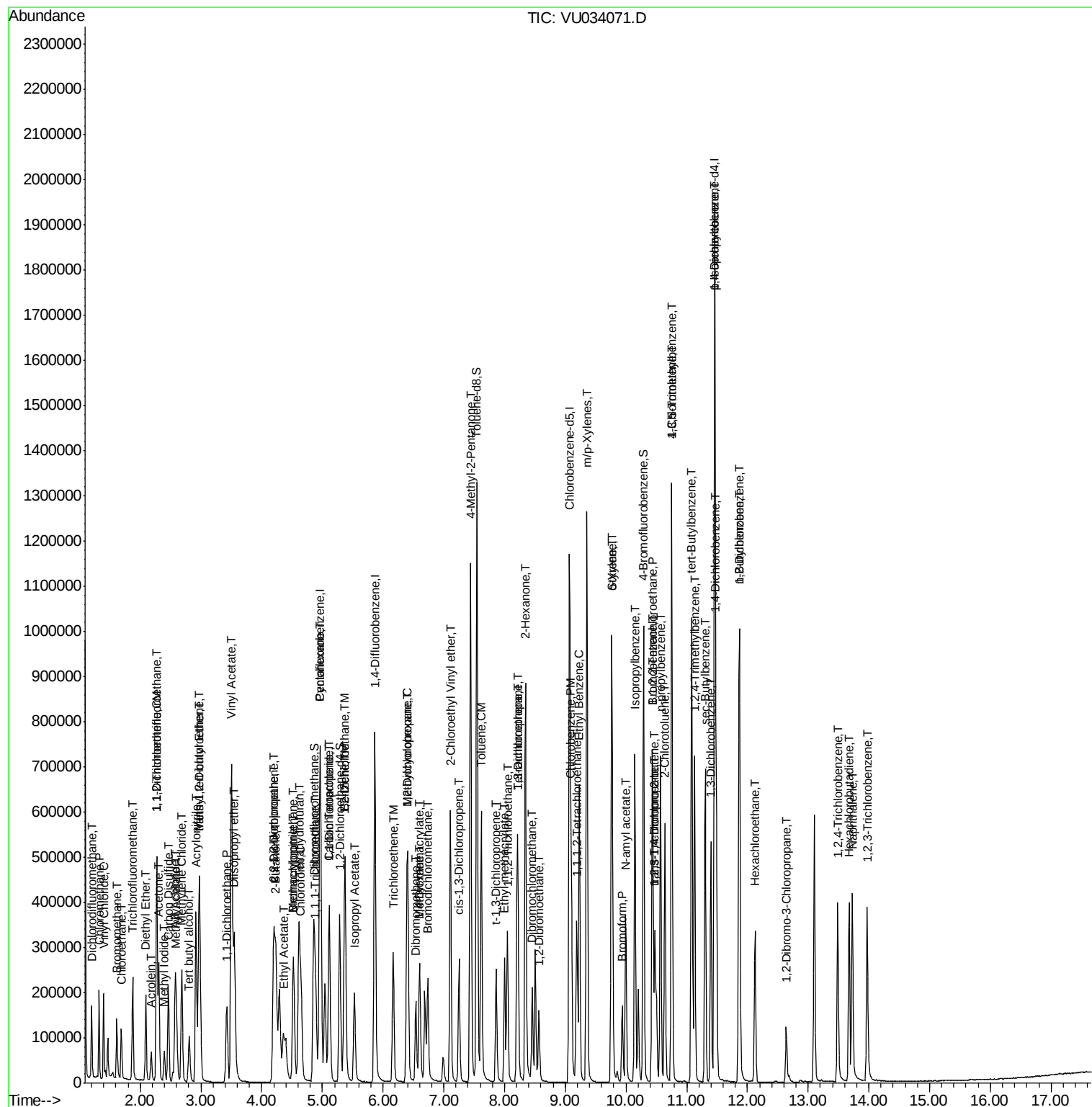
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	139433	19.293	ug/l	99
94) Hexachlorobutadiene	13.67	225	77785	18.860	ug/l	100
95) Naphthalene	13.73	128	380101	18.856	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	141197	20.907	ug/l	99

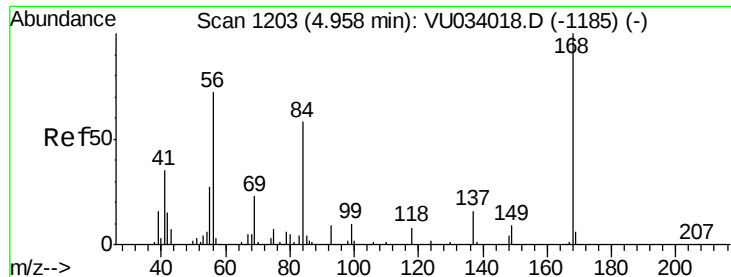
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU083019\
 Data File : VU034071.D
 Acq On : 29 Aug 2019 18:46
 Operator : JC/SP
 Sample : VU0830WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

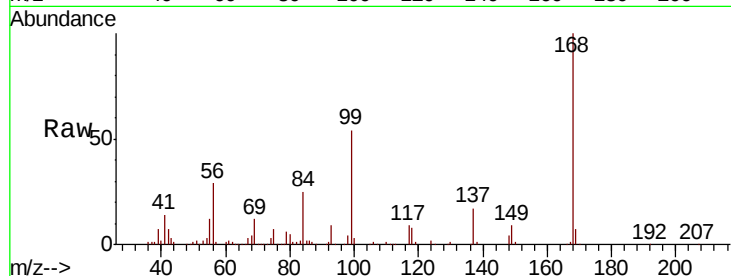
VU0830WBSD01

Tgt Ion:168 Resp: 421698

Ion Ratio Lower Upper

168 100

99 53.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034071.D (-1110) (-)

4.96

200000

150000

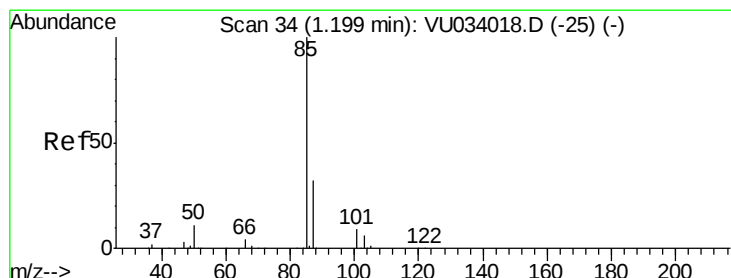
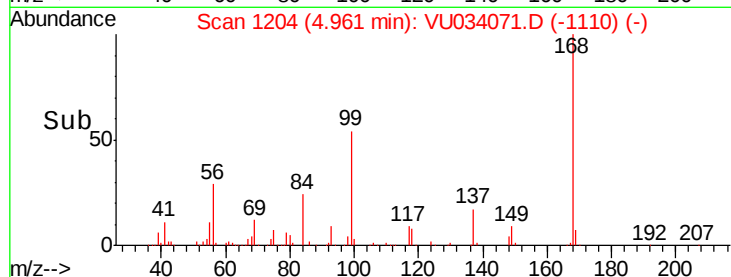
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.058 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034071.D

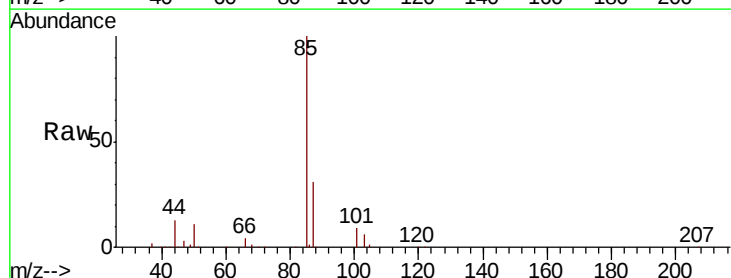
Acq: 29 Aug 2019 18:46

Tgt Ion: 85 Resp: 93551

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VU034018.D (-25) (-)

Ion 86.90 (86.60 to 87.60): VU034071.D (-1) (-)

1.20

100000

80000

60000

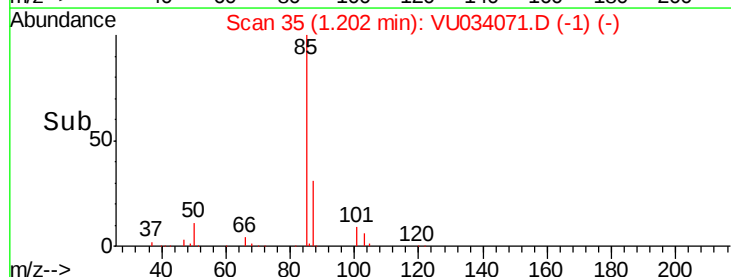
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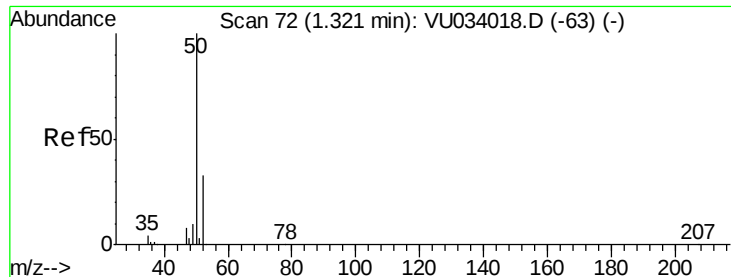
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.579 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

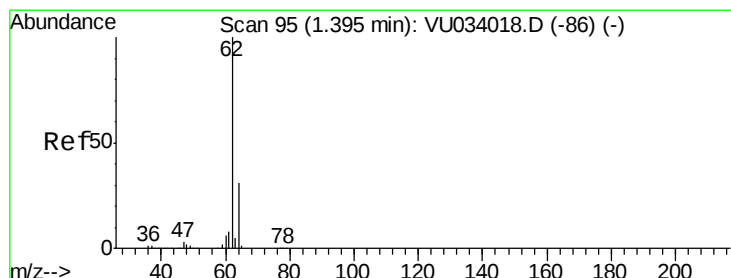
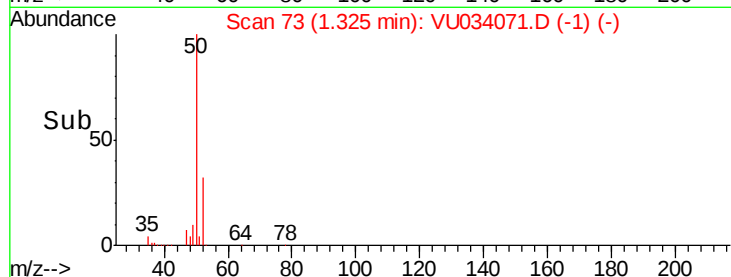
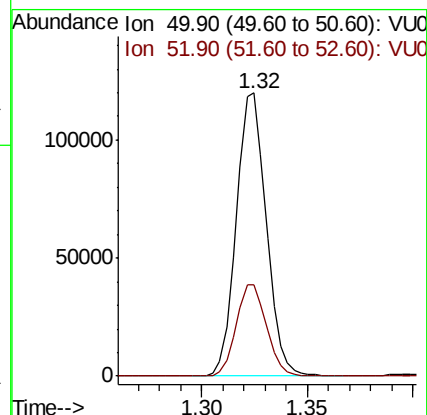
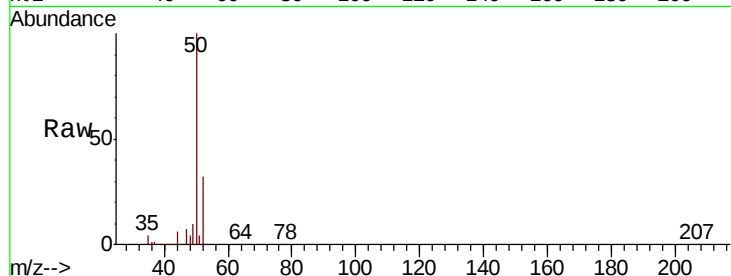
VU0830WBSD01

Tgt Ion: 50 Resp: 118099

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.4



#4

Vinyl Chloride

Concen: 21.059 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034071.D

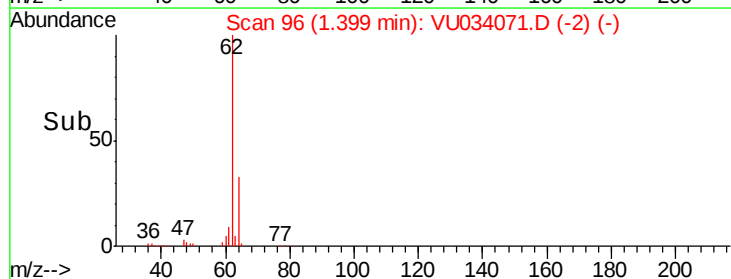
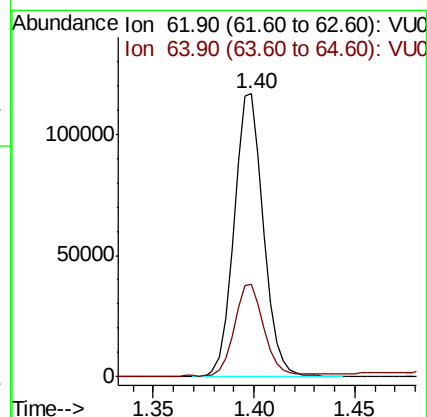
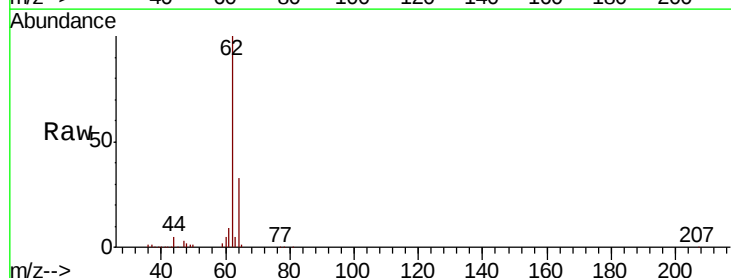
Acq: 29 Aug 2019 18:46

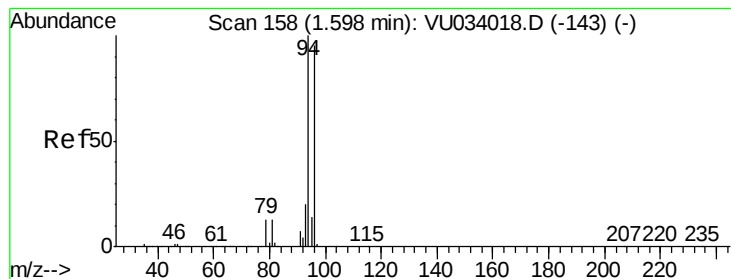
Tgt Ion: 62 Resp: 118869

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.6





#5

Bromomethane

Concen: 19.719 ug/l

RT: 1.61 min Scan# 163

Delta R.T. 0.02 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

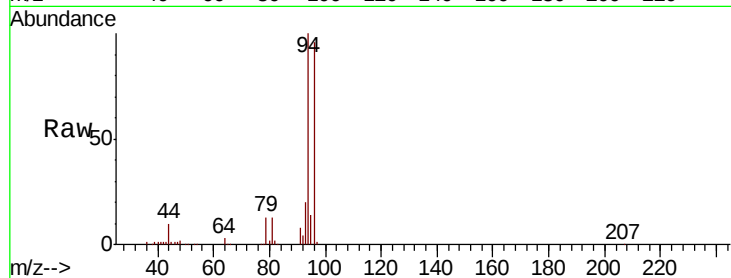
VU0830WBSD01

Tgt Ion: 94 Resp: 63136

Ion Ratio Lower Upper

94 100

96 96.3 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034071.D (-163) (-)

Ion 95.90 (95.60 to 96.60): VU034071.D (-163) (-)

1.61

50000

40000

30000

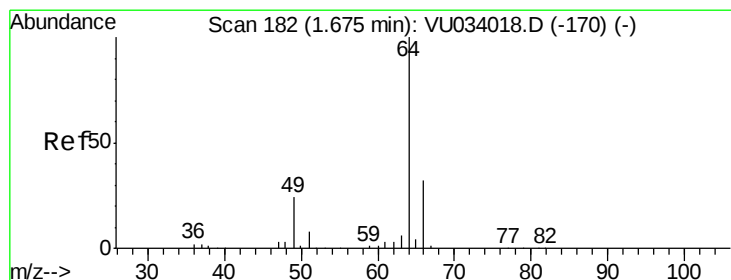
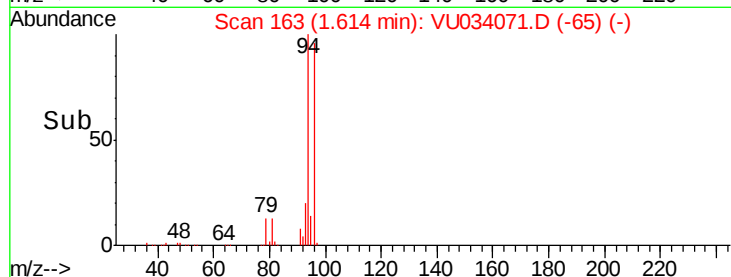
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.897 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.01 min

Lab File: VU034071.D

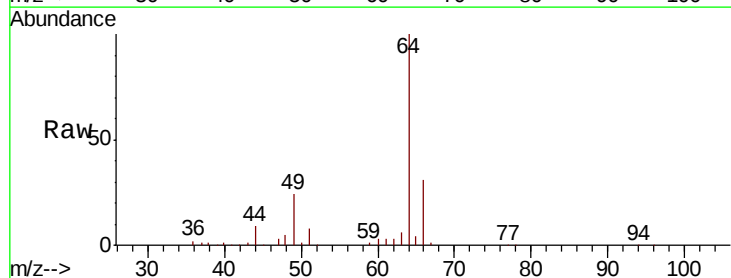
Acq: 29 Aug 2019 18:46

Tgt Ion: 64 Resp: 72114

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034071.D (-186) (-)

Ion 65.90 (65.60 to 66.60): VU034071.D (-186) (-)

1.69

60000

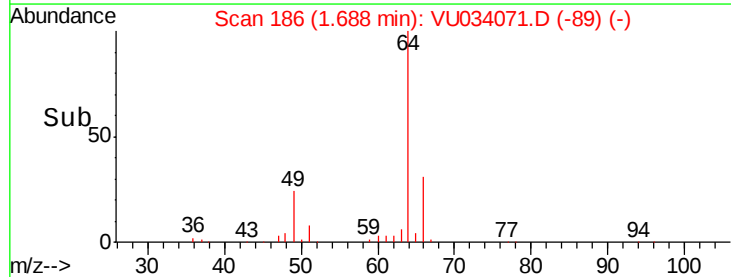
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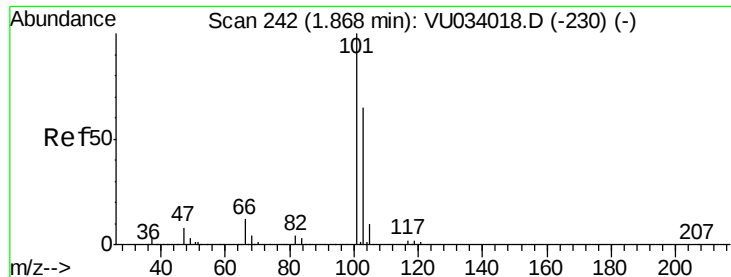
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Time-->

1.65 1.70 1.75



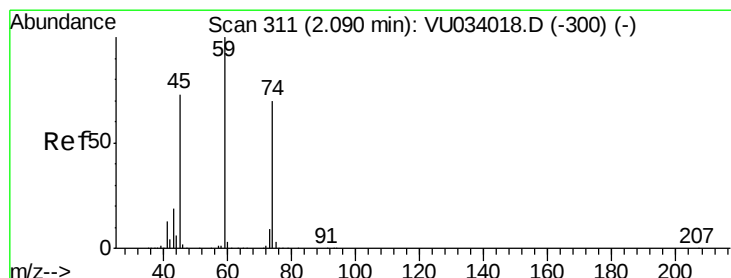
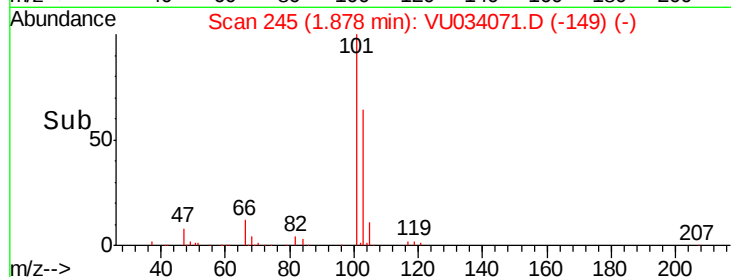
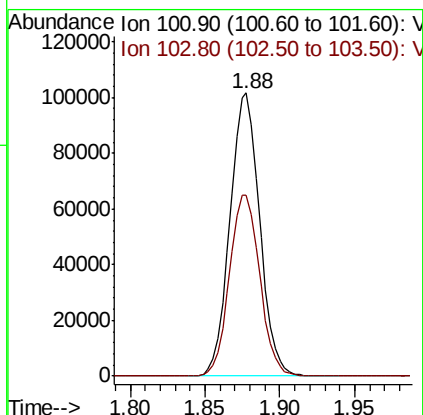
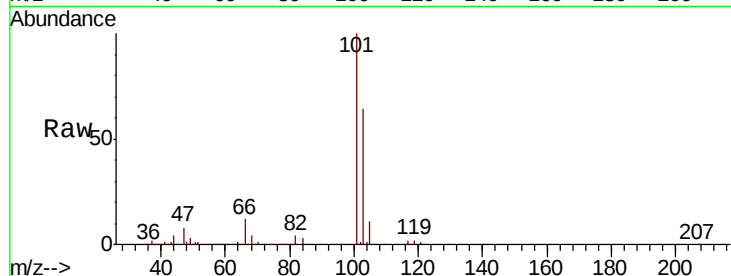


#7

Trichlorofluoromethane
 Concen: 21.499 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

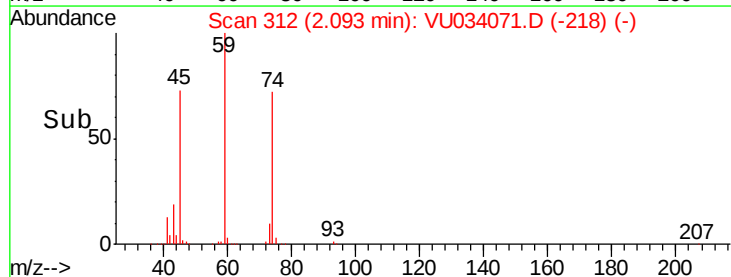
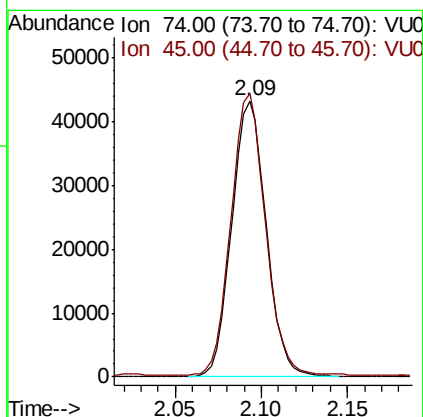
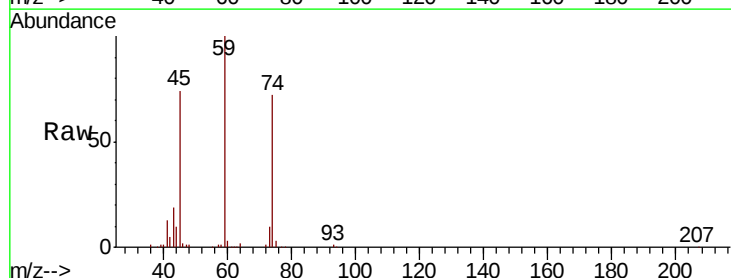
Tgt Ion:101 Resp: 140611
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.1 78.1



#8

Diethyl Ether
 Concen: 21.544 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion: 74 Resp: 60278
 Ion Ratio Lower Upper
 74 100
 45 101.9 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.443 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

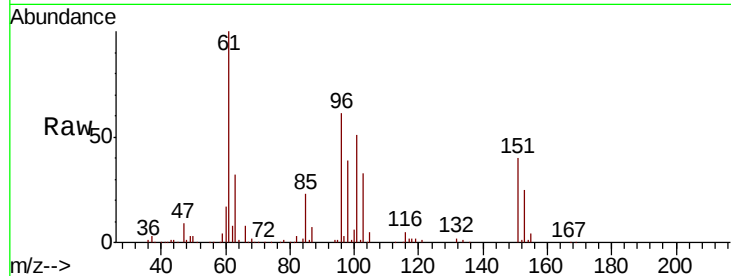
Tgt Ion:101 Resp: 88846

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.2

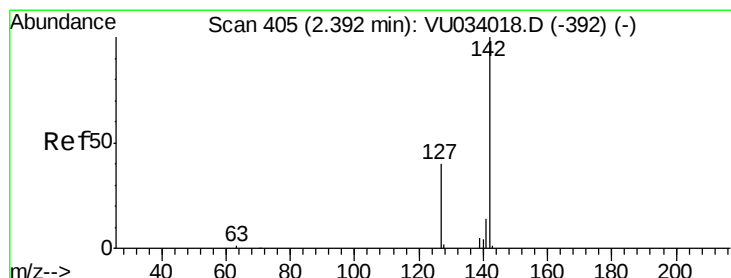
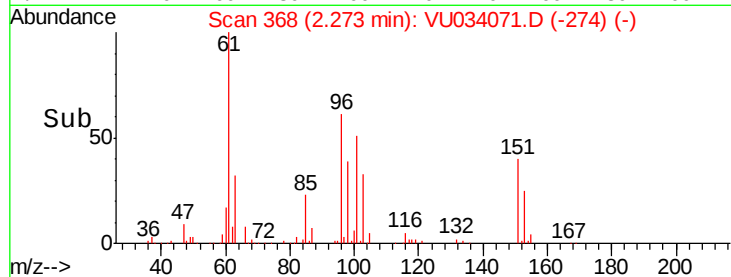
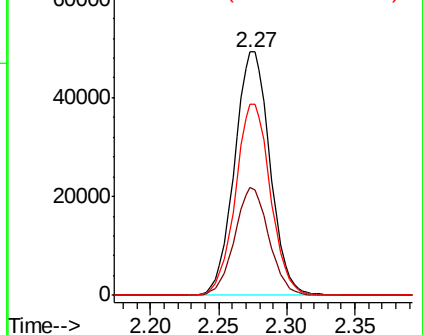
151 77.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.506 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

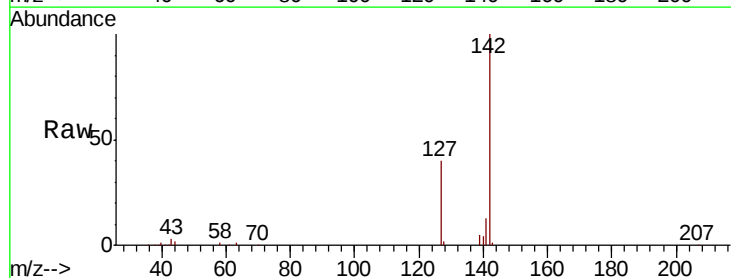
Tgt Ion:142 Resp: 67630

Ion Ratio Lower Upper

142 100

127 41.2 32.6 48.8

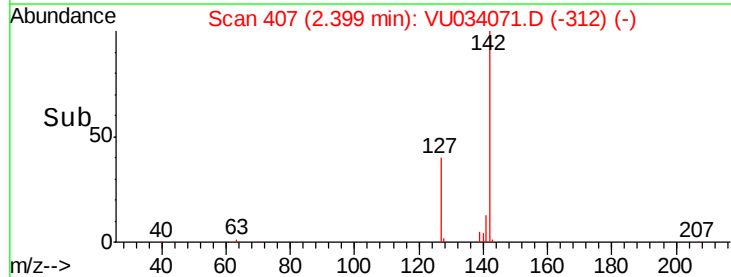
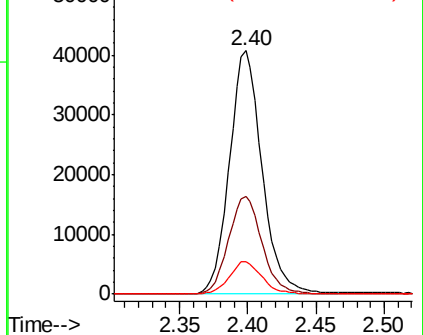
141 13.3 11.3 16.9

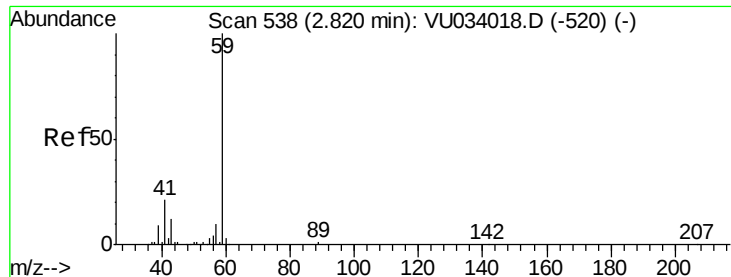


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



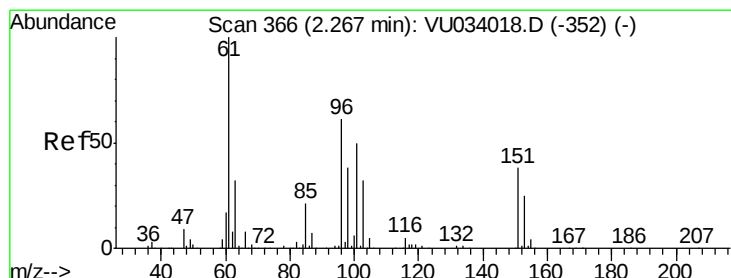
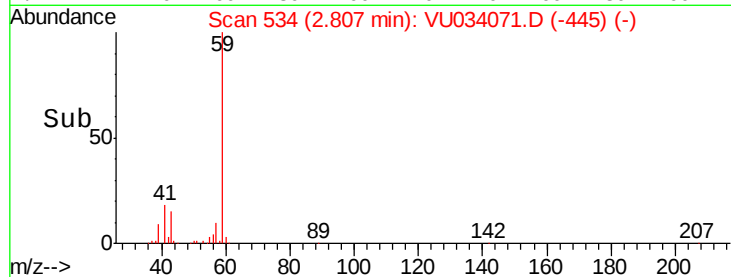
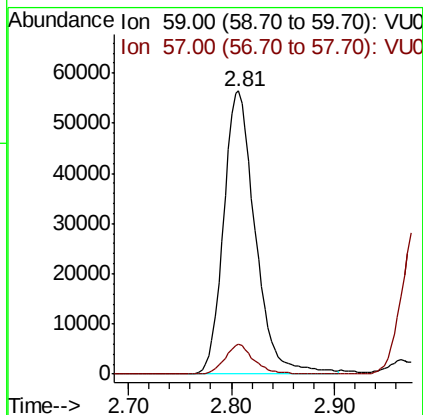
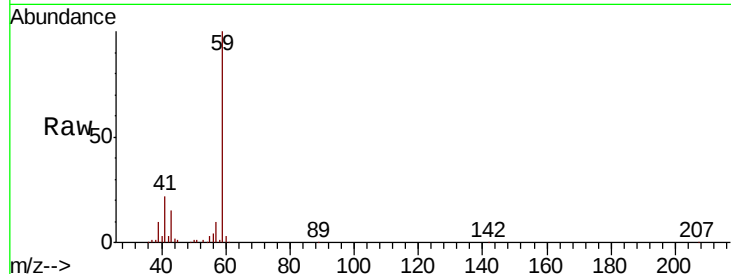


#11

Tert butyl alcohol
 Concen: 96.788 ug/l
 RT: 2.81 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

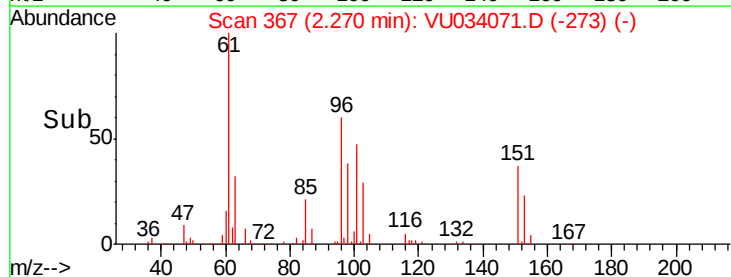
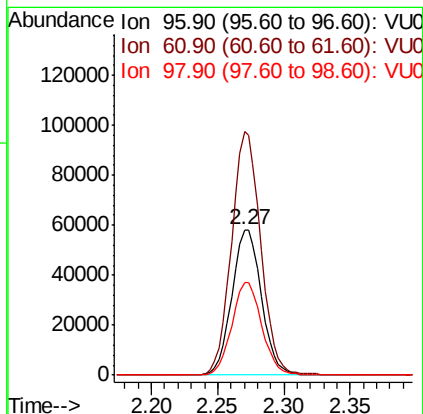
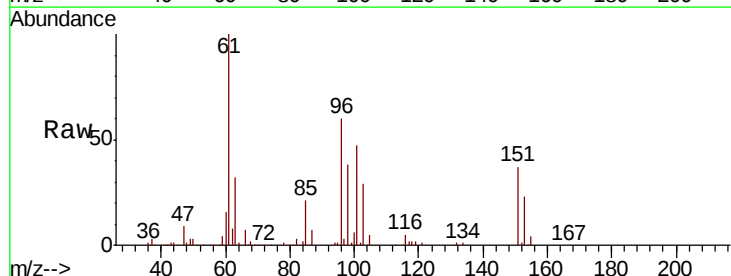
Tgt Ion: 59 Resp: 120603
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.0 12.0

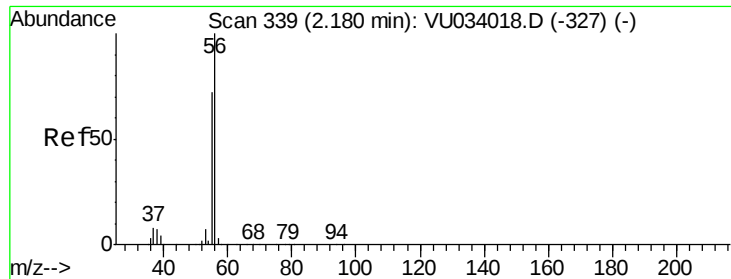


#12

1,1-Dichloroethene
 Concen: 21.397 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion: 96 Resp: 90331
 Ion Ratio Lower Upper
 96 100
 61 167.7 131.3 196.9
 98 63.4 50.3 75.5





#13

Acrolein

Concen: 85.572 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

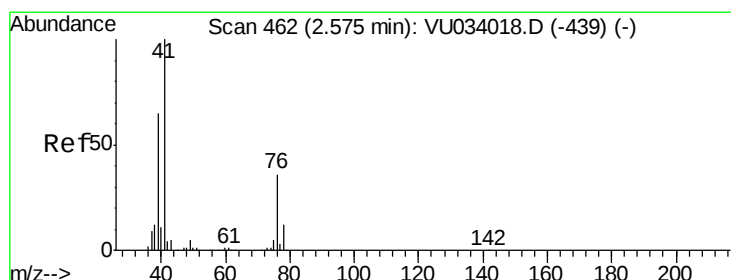
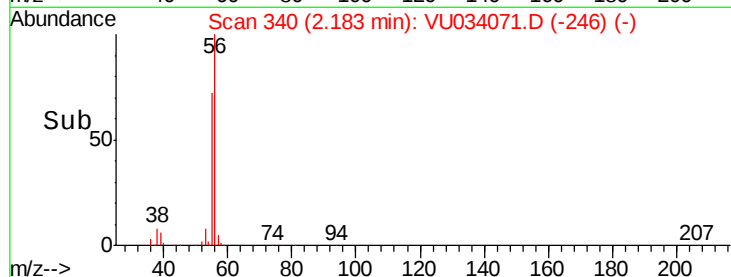
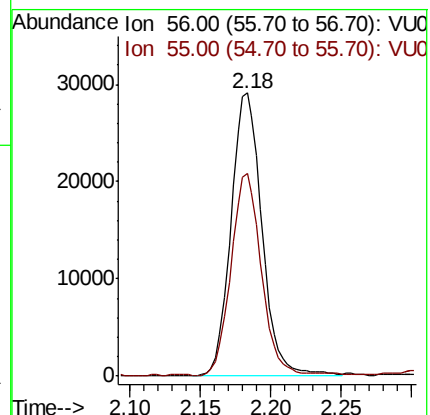
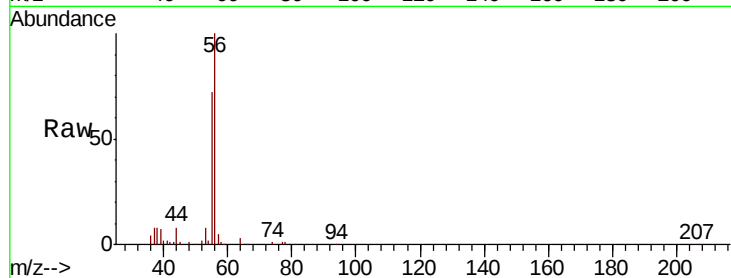
VU0830WBSD01

Tgt Ion: 56 Resp: 44855

Ion Ratio Lower Upper

56 100

55 70.3 57.1 85.7



#14

Allyl chloride

Concen: 18.581 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

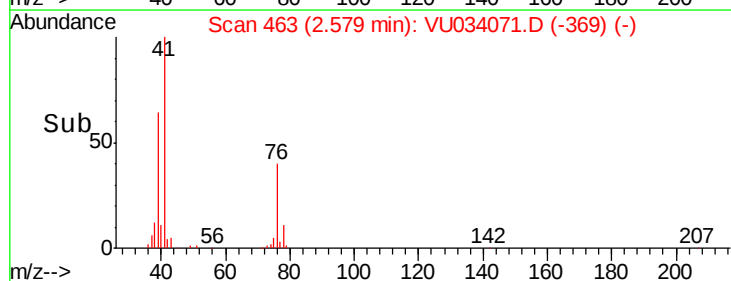
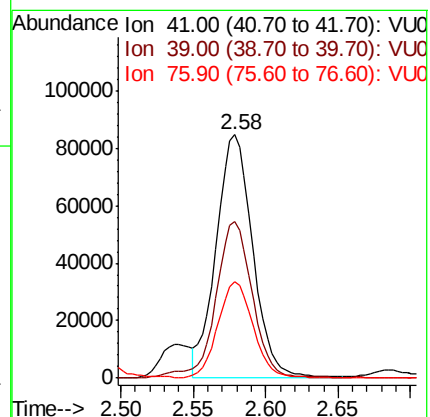
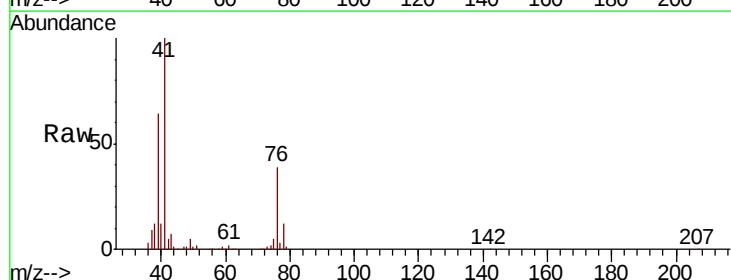
Tgt Ion: 41 Resp: 147481

Ion Ratio Lower Upper

41 100

39 64.1 46.8 70.2

76 37.8 26.6 40.0





#15

Acrylonitrile

Concen: 108.246 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

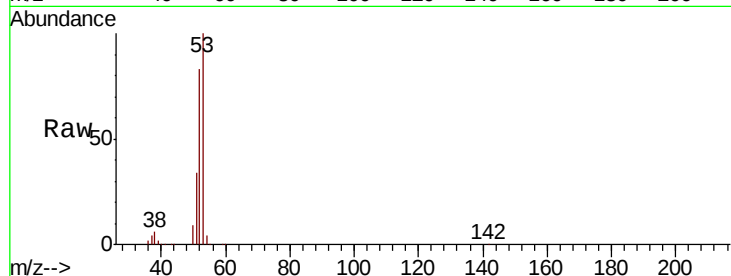
Tgt Ion: 53 Resp: 309507

Ion Ratio Lower Upper

53 100

52 81.5 65.7 98.5

51 35.3 27.9 41.9

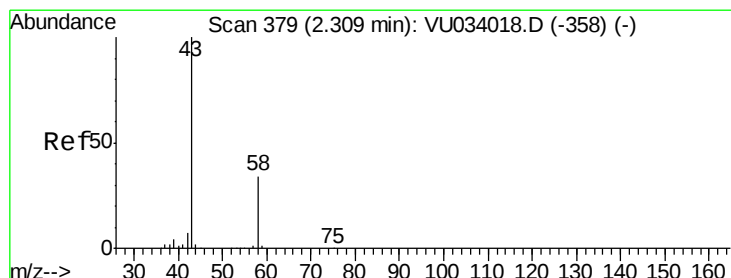
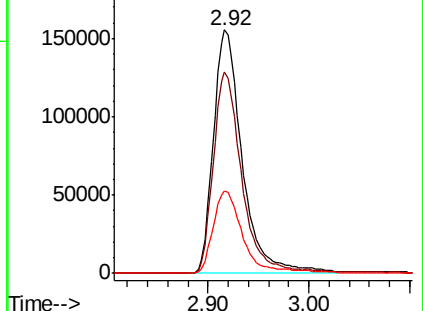
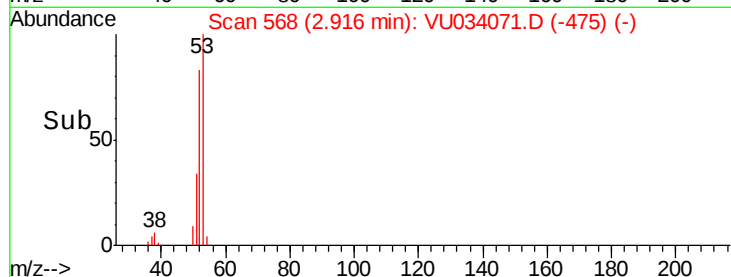


Abundance Ion 53.00 (52.70 to 53.70): VU034071.D (-555) (-)

Ion 52.00 (51.70 to 52.70): VU034071.D (-555) (-)

Ion 51.00 (50.70 to 51.70): VU034071.D (-555) (-)

2.92



#16

Acetone

Concen: 94.110 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034071.D

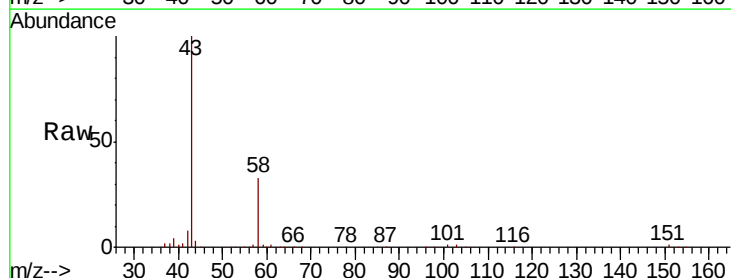
Acq: 29 Aug 2019 18:46

Tgt Ion: 43 Resp: 259467

Ion Ratio Lower Upper

43 100

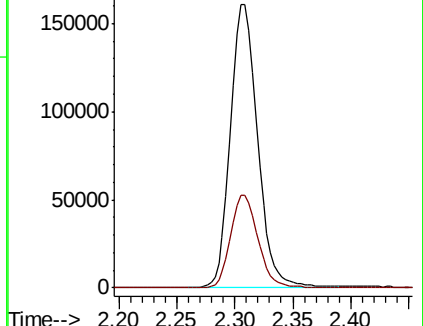
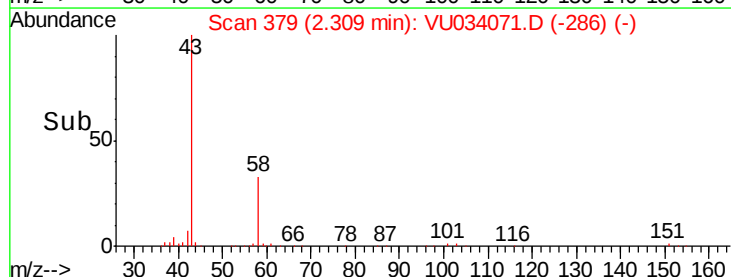
58 32.8 26.8 40.2

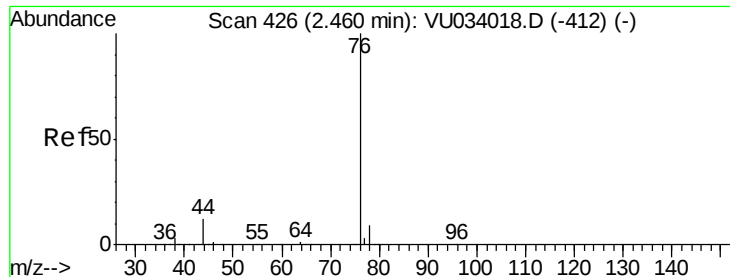


Abundance Ion 43.00 (42.70 to 43.70): VU034071.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034071.D (-286) (-)

2.31

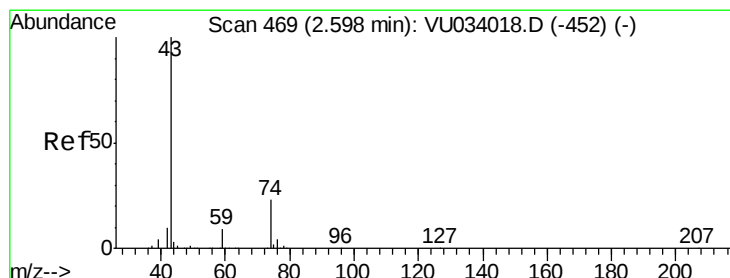
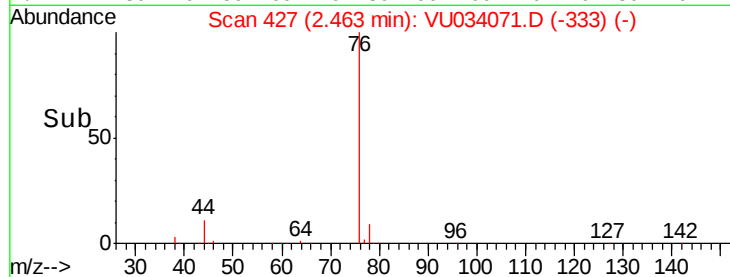
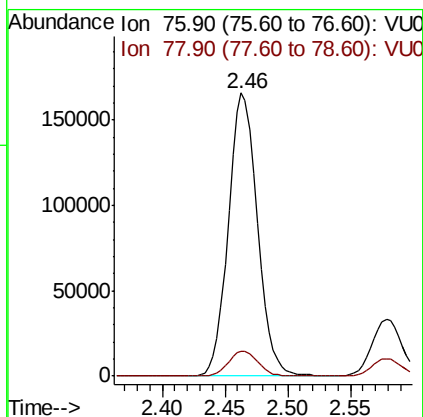
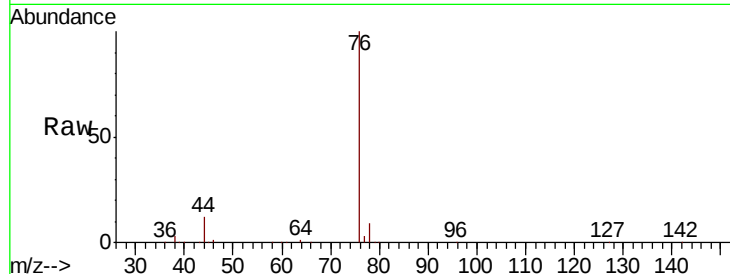




#17
Carbon Disulfide
Concen: 19.964 ug/l
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

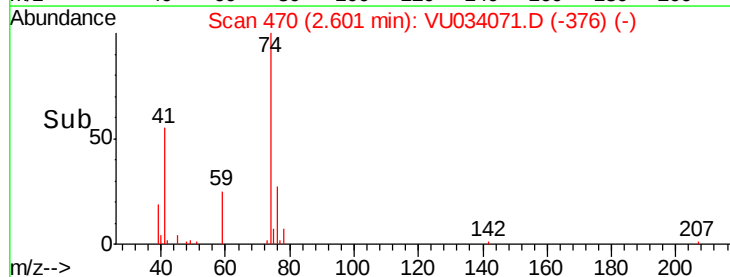
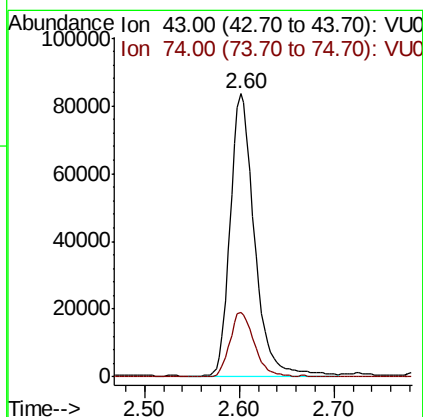
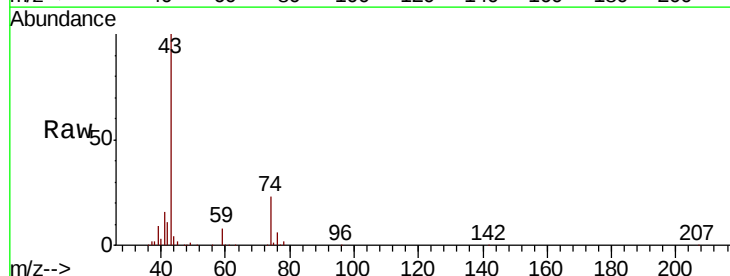
Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

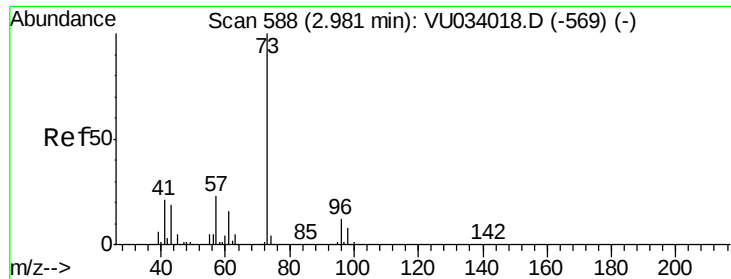
Tgt Ion: 76 Resp: 266742
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 20.917 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion: 43 Resp: 149025
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8

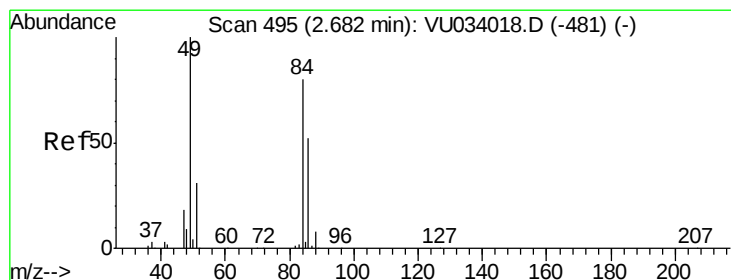
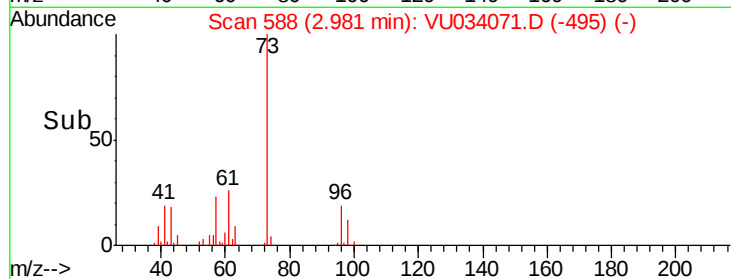
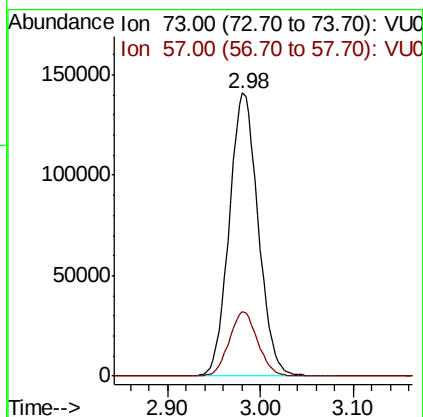
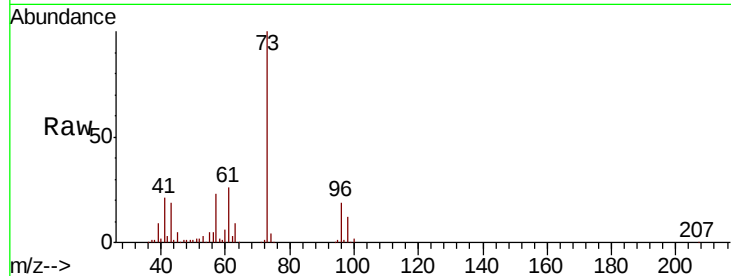




#19
Methyl tert-butyl Ether
Concen: 22.088 ug/l
RT: 2.98 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

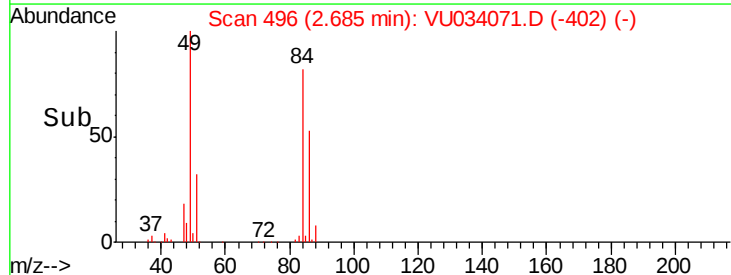
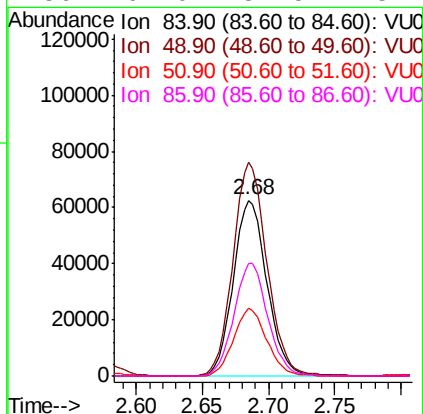
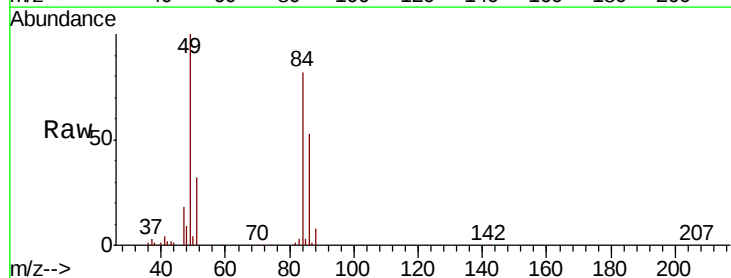
Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

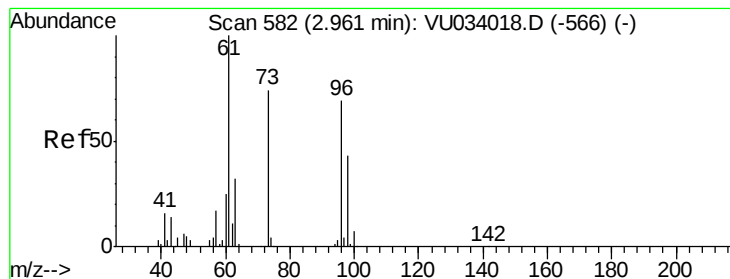
Tgt Ion: 73 Resp: 305524
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5



#20
Methylene Chloride
Concen: 21.196 ug/l
RT: 2.68 min Scan# 495
Delta R.T. 0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion: 84 Resp: 110630
Ion Ratio Lower Upper
84 100
49 121.6 100.2 150.4
51 38.5 30.8 46.2
86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.279 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

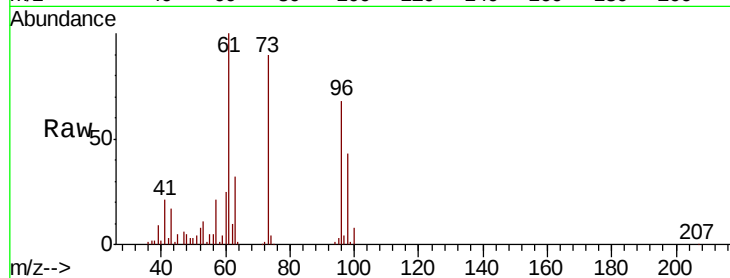
Tgt Ion: 96 Resp: 97495

Ion Ratio Lower Upper

96 100

61 146.8 115.5 173.3

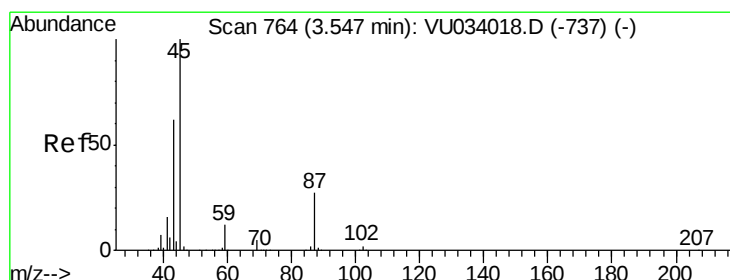
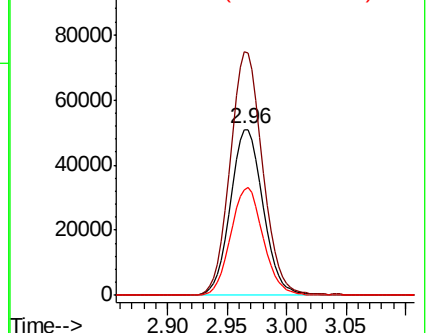
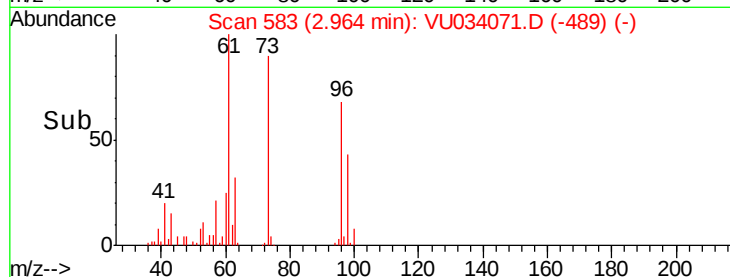
98 63.8 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 22.152 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Tgt Ion: 45 Resp: 322194

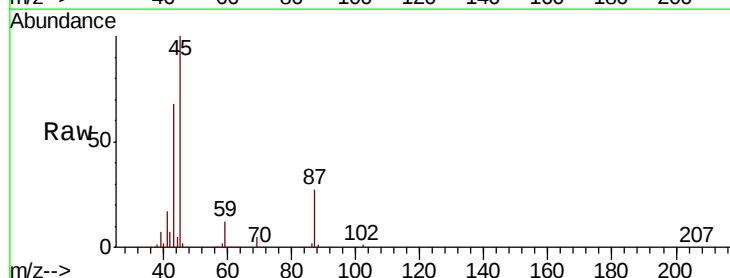
Ion Ratio Lower Upper

45 100

43 67.9 49.7 74.5

87 27.0 21.8 32.8

59 11.8 9.3 13.9

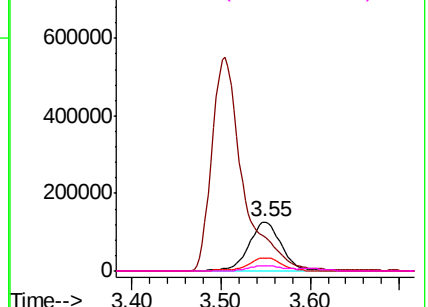
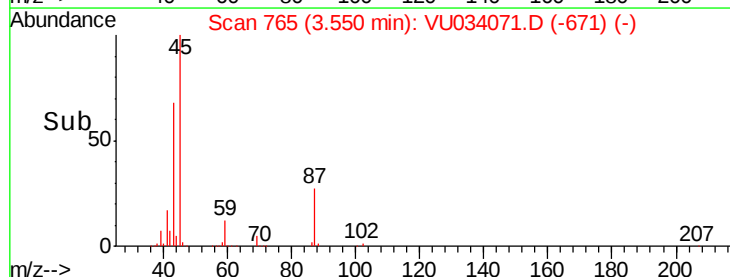


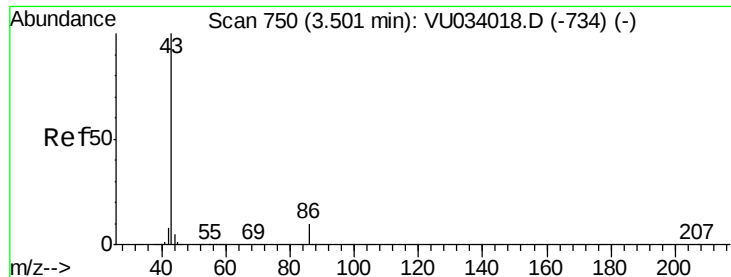
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 107.678 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

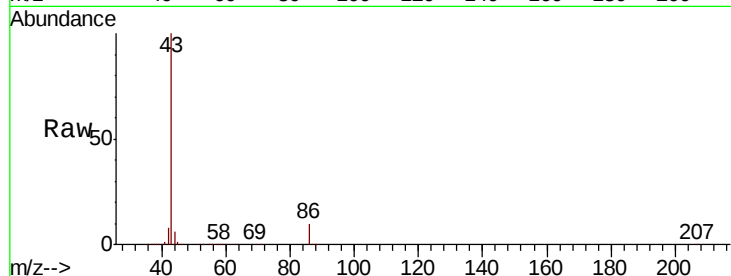
VU0830WBSD01

Tgt Ion: 43 Resp: 1345358

Ion Ratio Lower Upper

43 100

86 10.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034071.D (-657) (-)

Ion 86.00 (85.70 to 86.70): VU034071.D (-657) (-)

3.50

600000

500000

400000

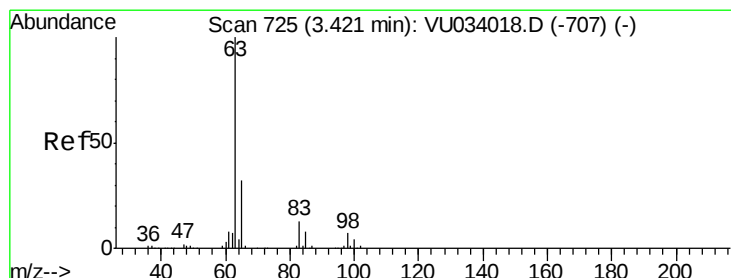
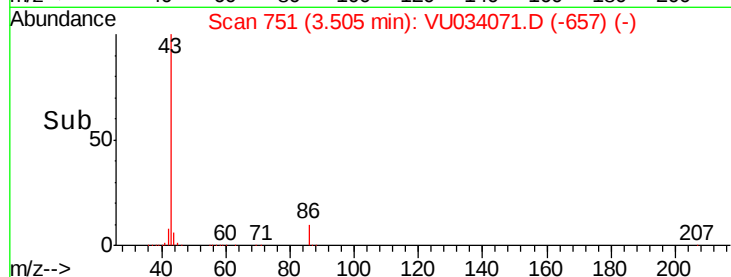
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.132 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

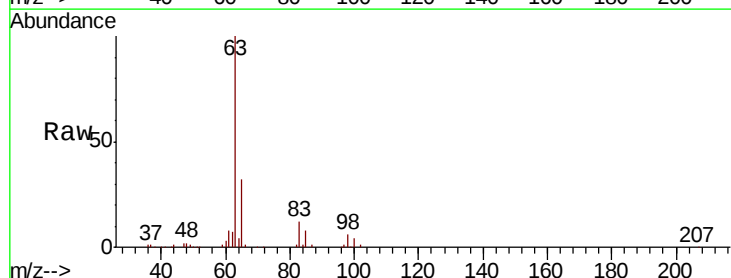
Tgt Ion: 63 Resp: 190043

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU034071.D (-632) (-)

Ion 97.90 (97.60 to 98.60): VU034071.D (-632) (-)

Ion 99.90 (99.60 to 100.60): VU034071.D (-632) (-)

3.42

100000

80000

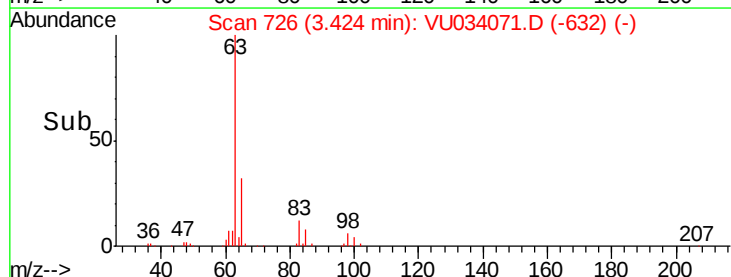
60000

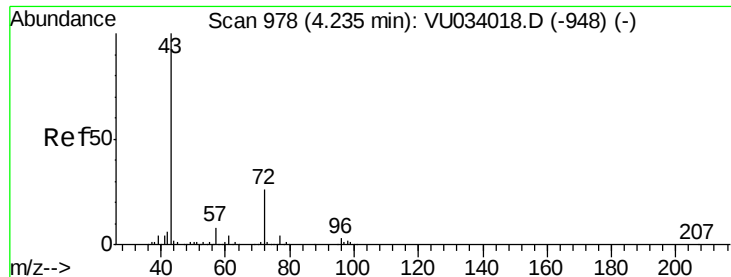
40000

20000

0

Time-->





#25

2-Butanone

Concen: 106.463 ug/l

RT: 4.24 min Scan# 979

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

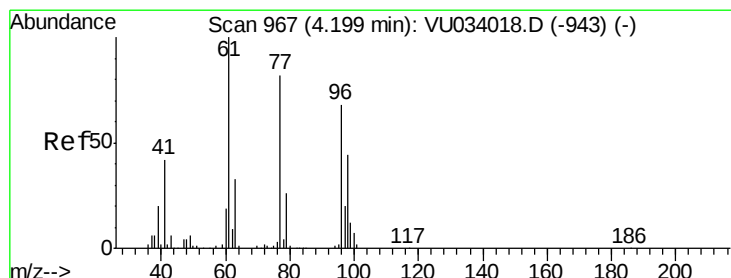
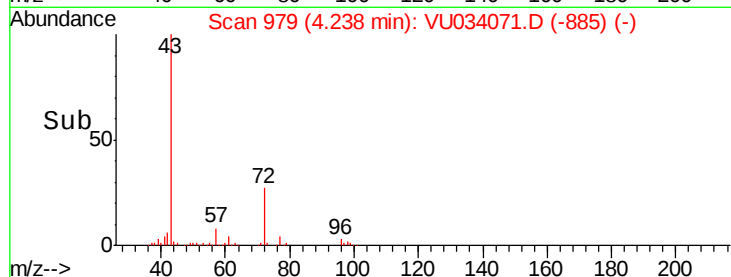
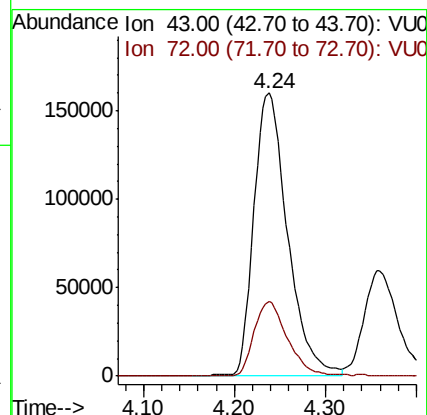
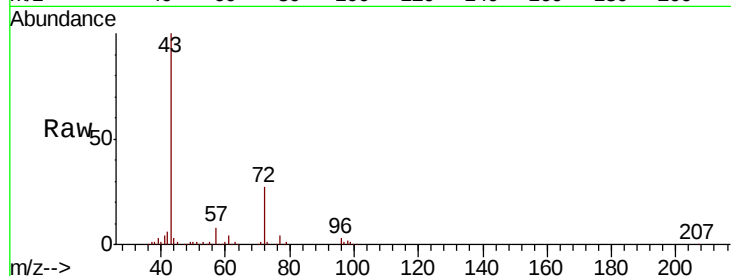
VU0830WBSD01

Tgt Ion: 43 Resp: 408368

Ion Ratio Lower Upper

43 100

72 26.6 21.2 31.8



#26

2,2-Dichloropropane

Concen: 18.638 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034071.D

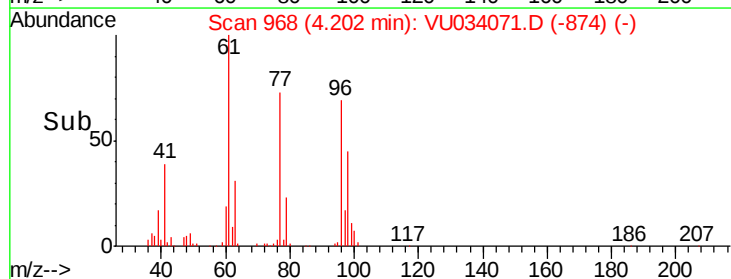
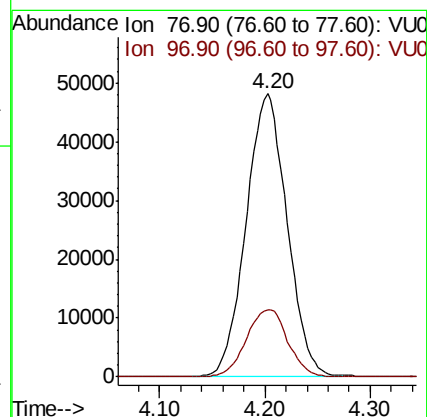
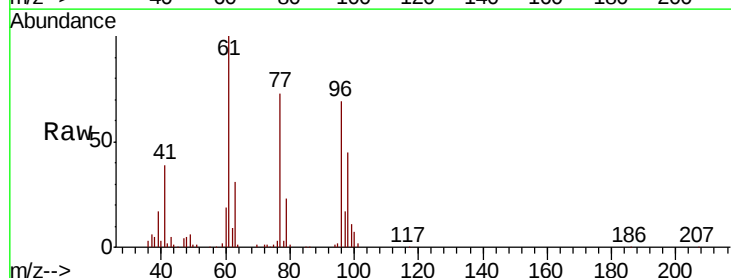
Acq: 29 Aug 2019 18:46

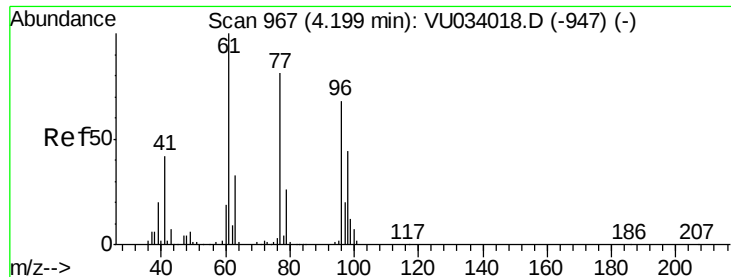
Tgt Ion: 77 Resp: 130225

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.7

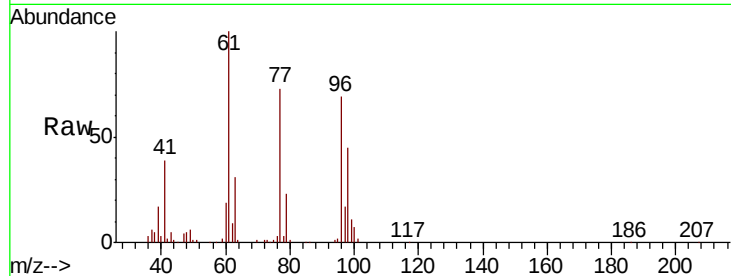




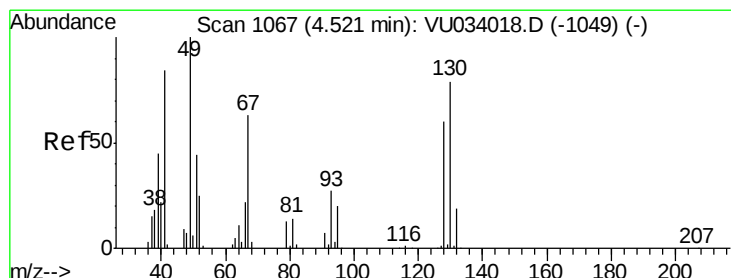
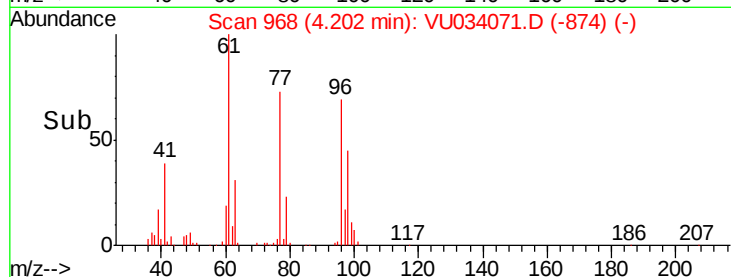
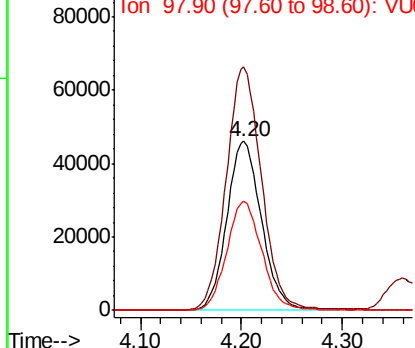
#27
 cis-1,2-Dichloroethene
 Concen: 21.472 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

Tgt Ion: 96 Resp: 110423
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 303.0
 98 65.0 0.0 129.2

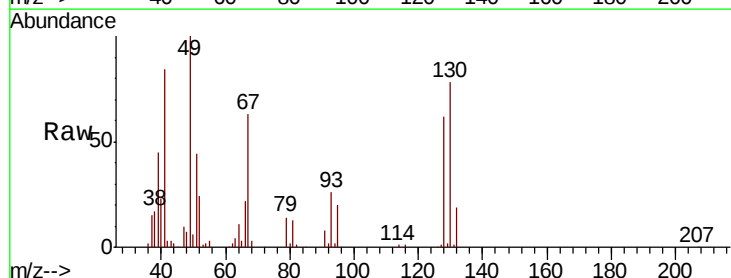


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

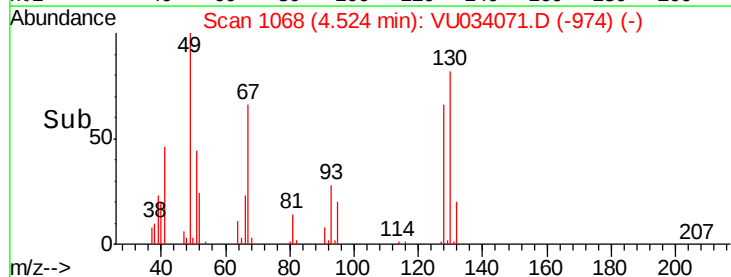
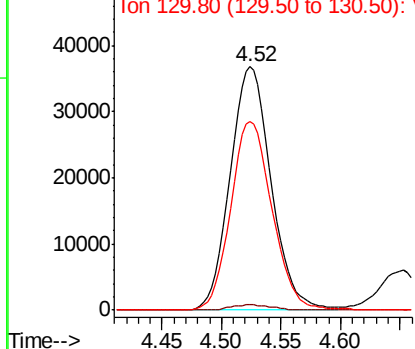


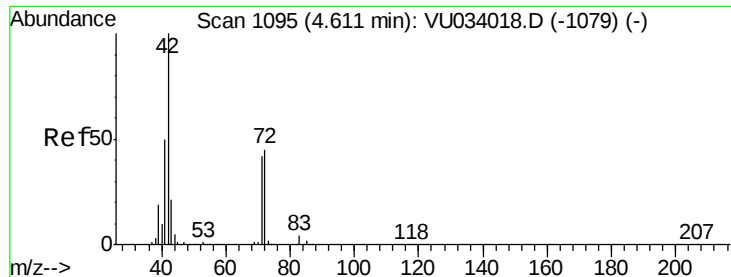
#28
 Bromochloromethane
 Concen: 20.761 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion: 49 Resp: 87830
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 78.2 62.8 94.2



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

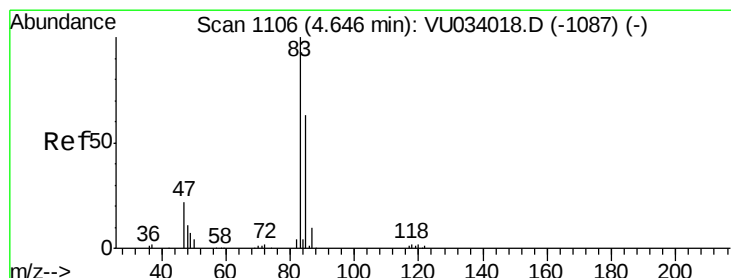
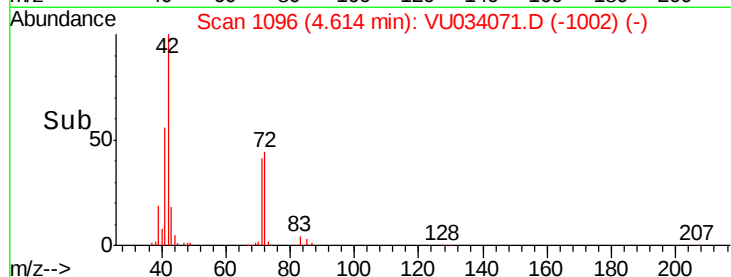
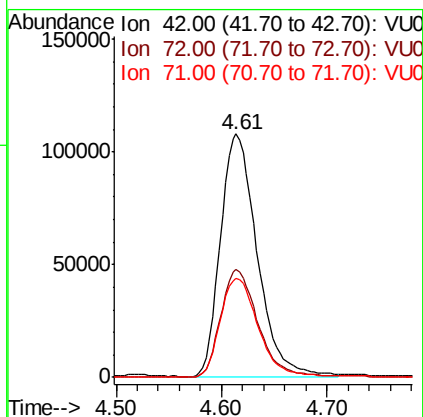
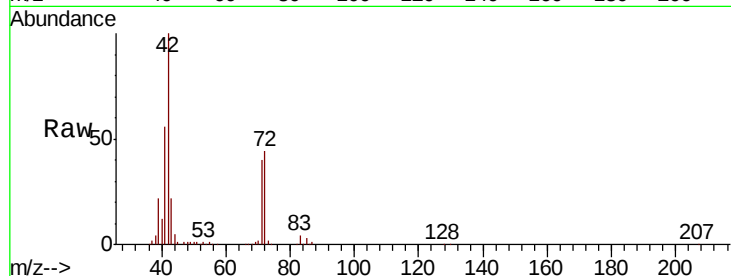




#29
Tetrahydrofuran
Concen: 109.692 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

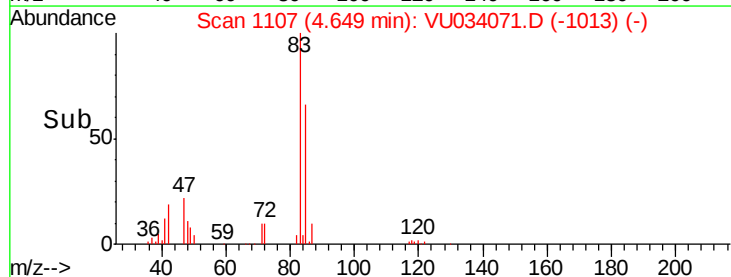
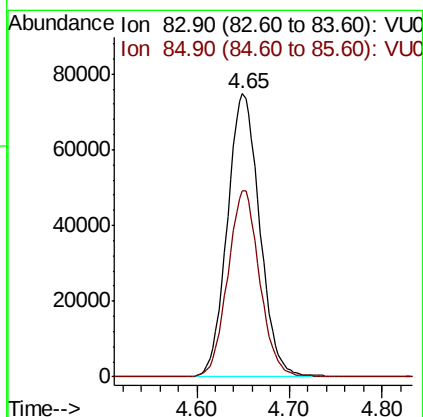
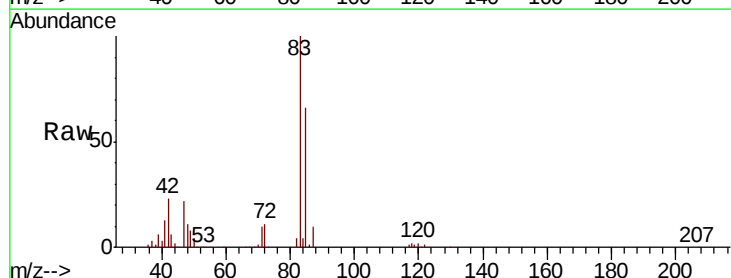
Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

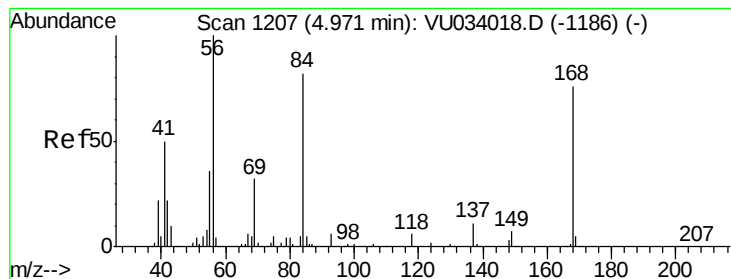
Tgt Ion: 42 Resp: 259480
Ion Ratio Lower Upper
42 100
72 45.2 35.8 53.6
71 42.7 34.0 51.0



#30
Chloroform
Concen: 21.144 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion: 83 Resp: 181150
Ion Ratio Lower Upper
83 100
85 65.8 50.7 76.1





#31

Cyclohexane

Concen: 20.785 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

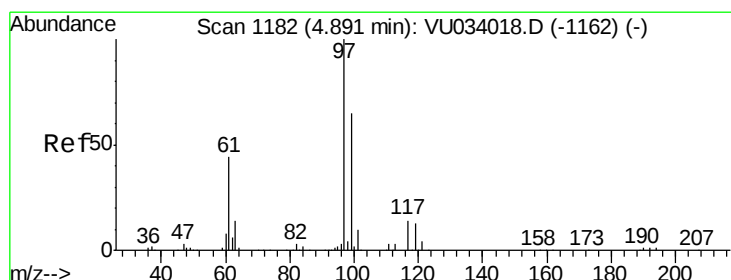
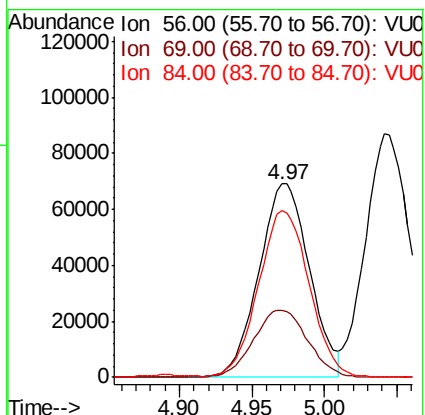
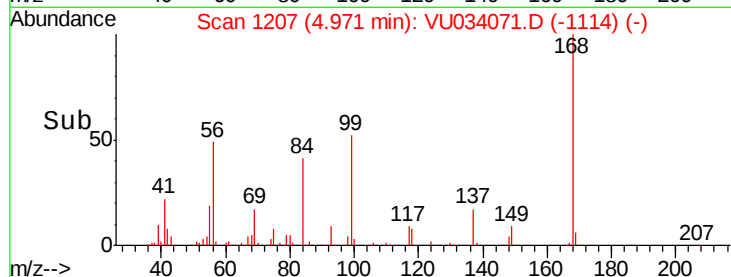
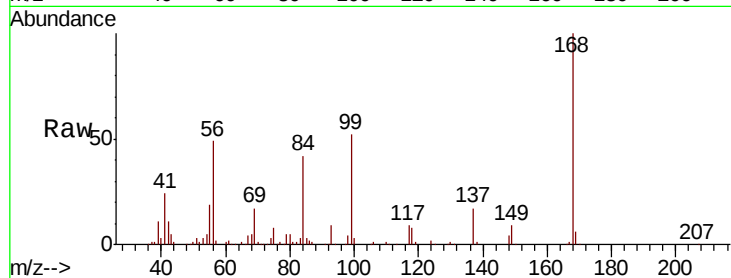
Tgt Ion: 56 Resp: 167711

Ion Ratio Lower Upper

56 100

69 34.7 25.4 38.0

84 85.2 65.8 98.8



#32

1,1,1-Trichloroethane

Concen: 21.380 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

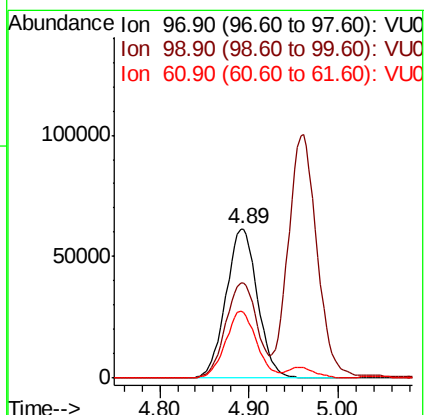
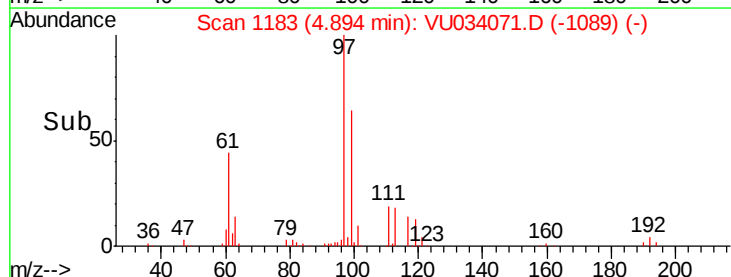
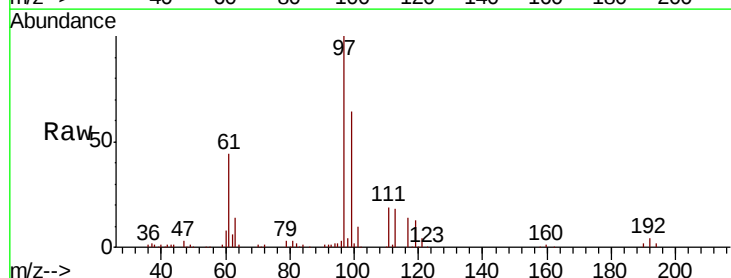
Tgt Ion: 97 Resp: 150016

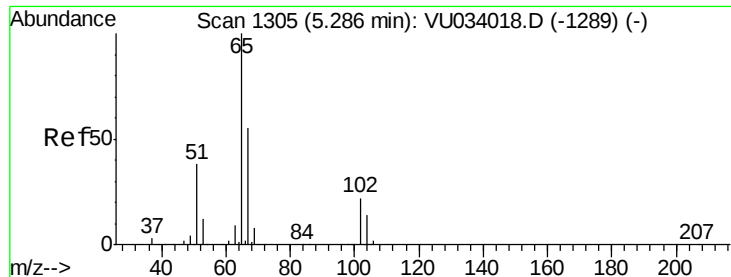
Ion Ratio Lower Upper

97 100

99 63.3 51.8 77.6

61 43.8 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 52.271 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

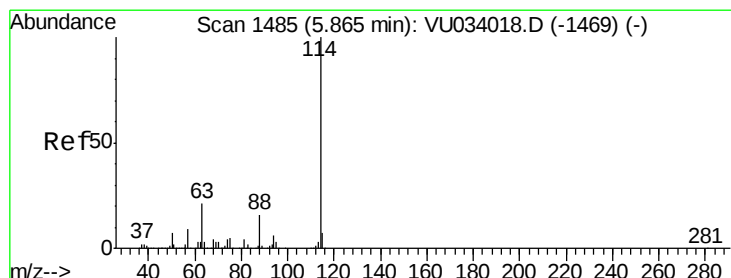
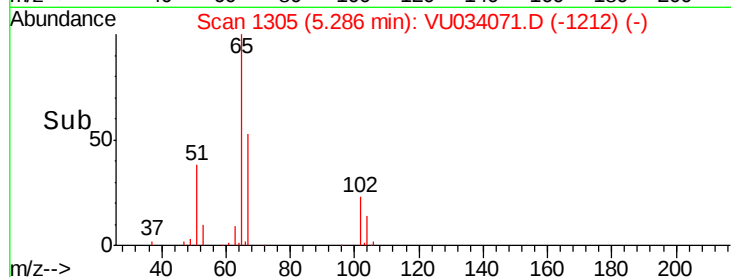
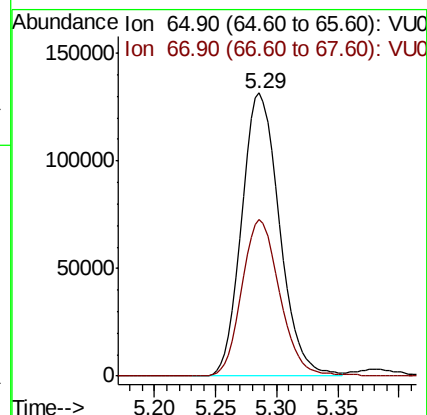
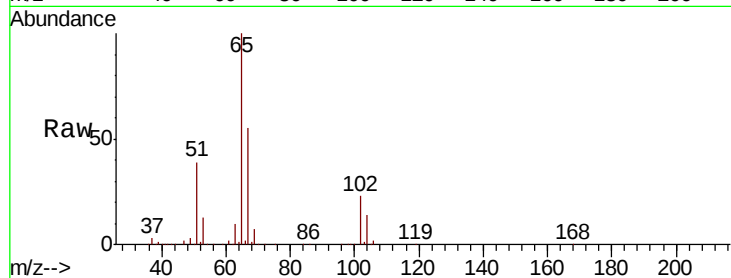
VU0830WBSD01

Tgt Ion: 65 Resp: 282439

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

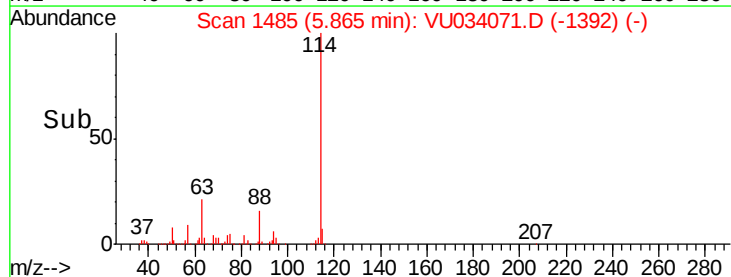
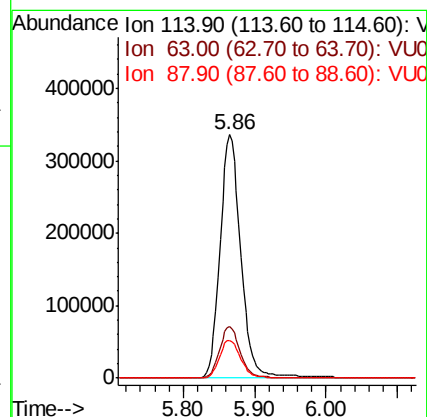
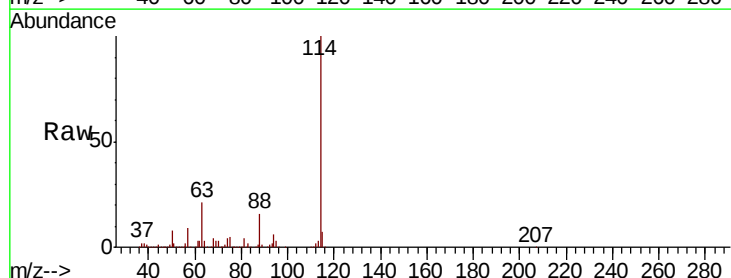
Tgt Ion: 114 Resp: 680763

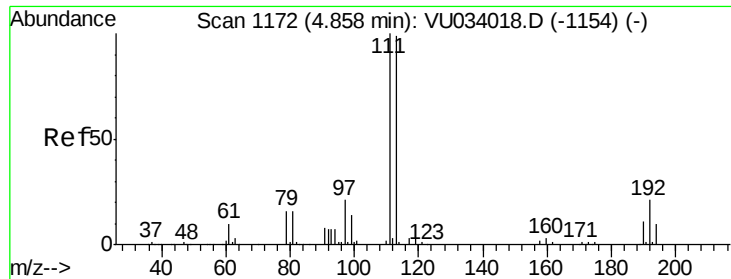
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

88 15.5 0.0 32.0

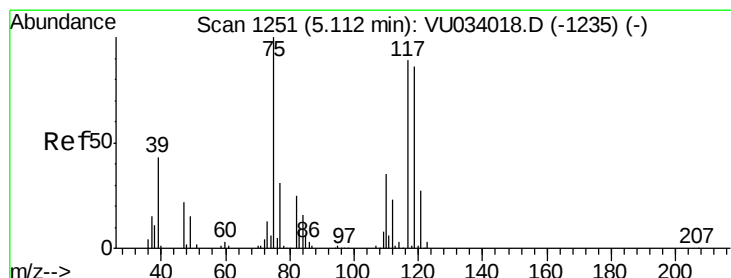
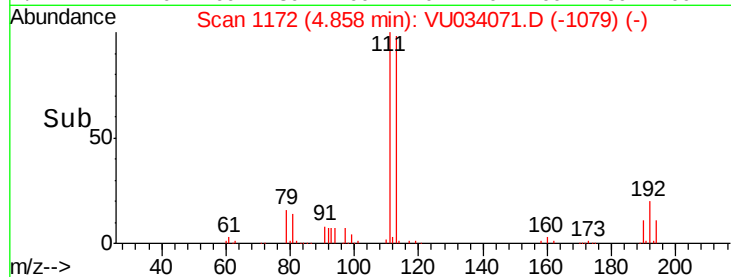
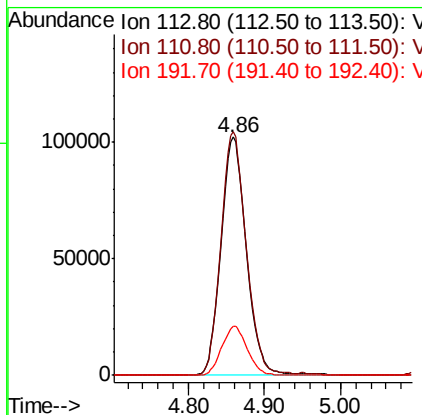
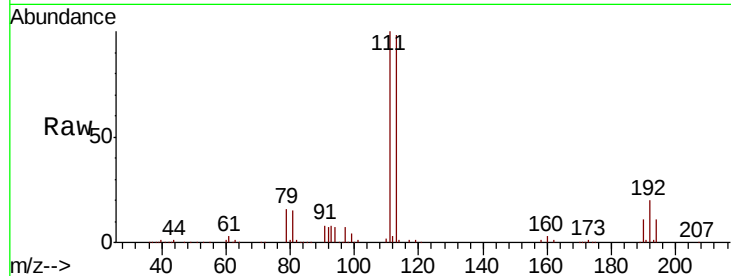




#35
 Dibromofluoromethane
 Concen: 50.451 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

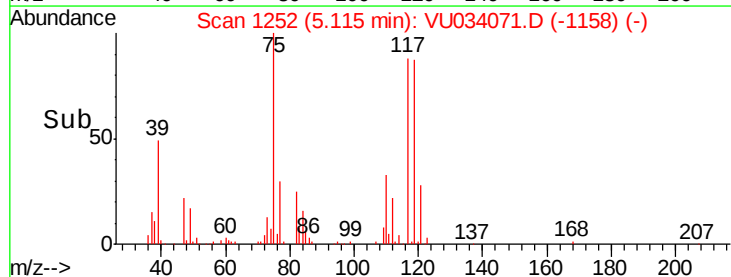
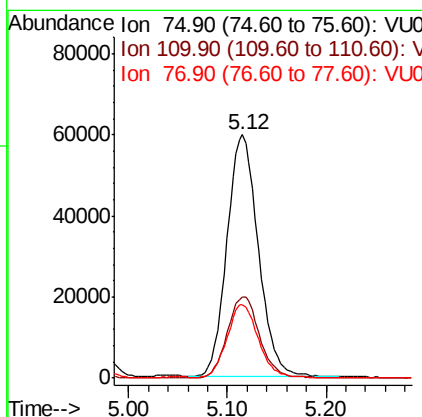
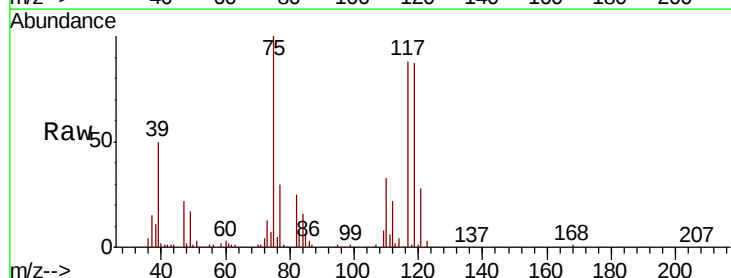
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

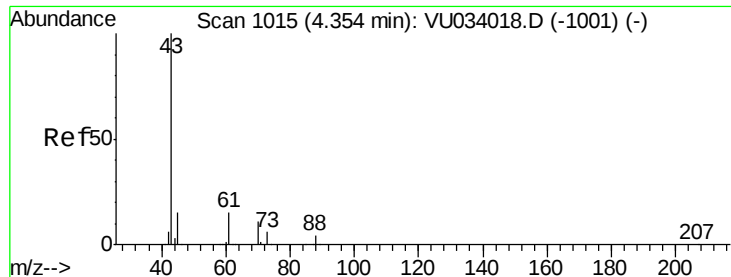
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.7	122.5
192	20.7	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 20.662 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.8	53.5
77	29.8	25.0	37.4

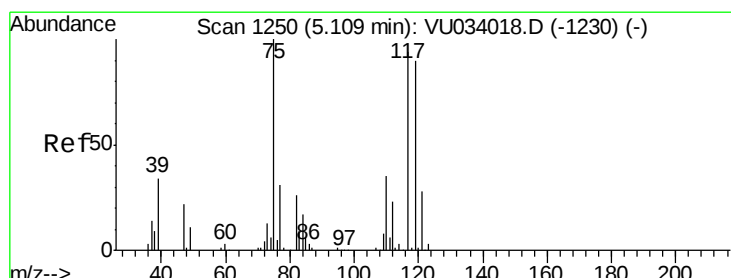
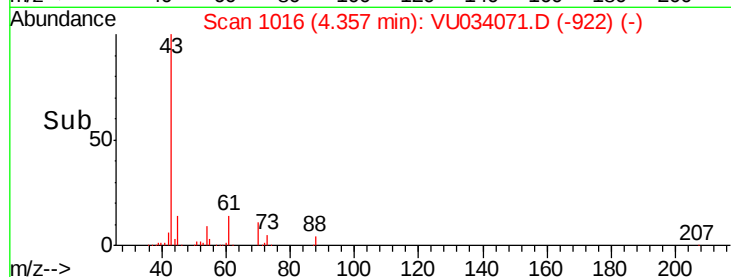
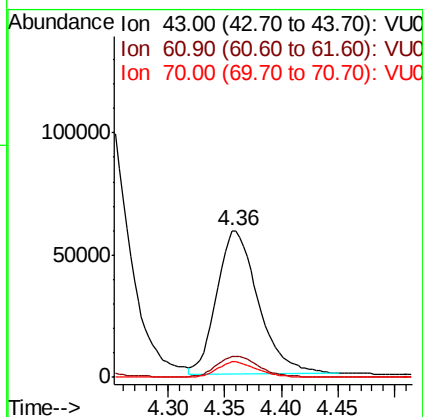
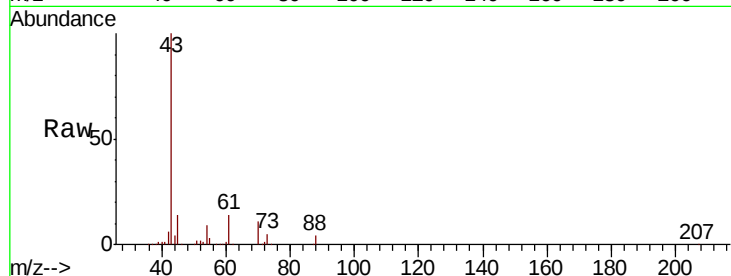




#37
 Ethyl Acetate
 Concen: 20.706 ug/l
 RT: 4.36 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

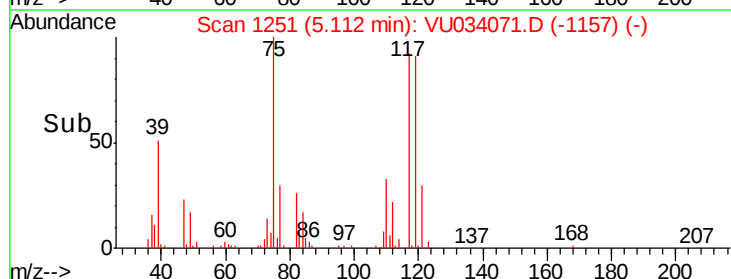
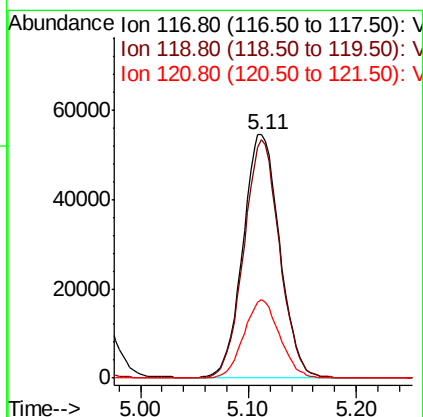
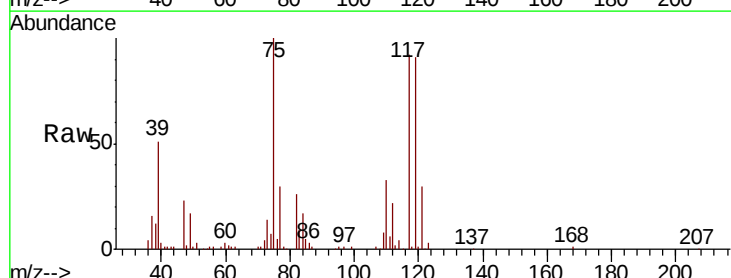
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

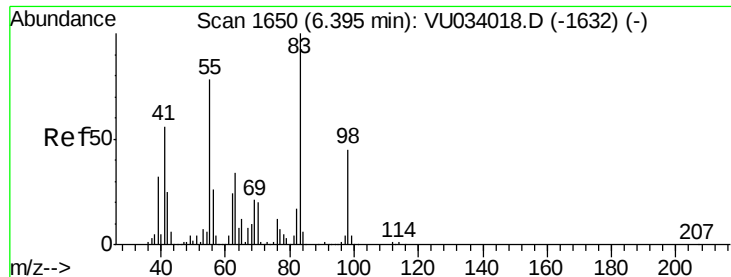
Tgt Ion: 43 Resp: 149301
 Ion Ratio Lower Upper
 43 100
 61 14.0 11.5 17.3
 70 10.7 8.6 12.8



#38
 Carbon Tetrachloride
 Concen: 20.651 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion: 117 Resp: 128357
 Ion Ratio Lower Upper
 117 100
 119 98.3 77.0 115.4
 121 32.2 23.9 35.9

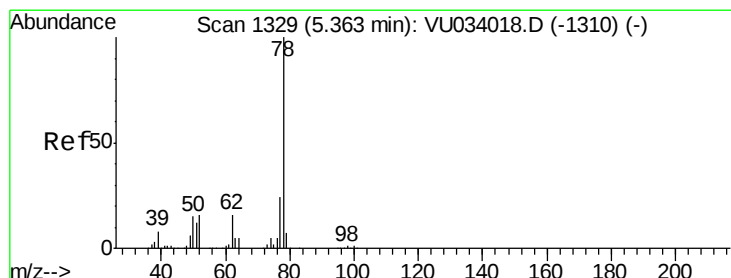
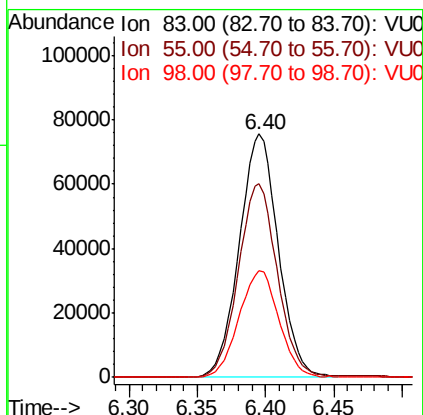
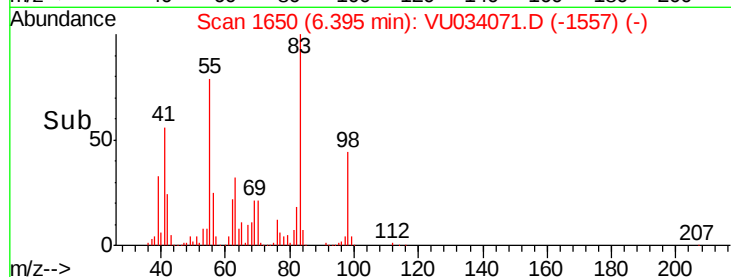
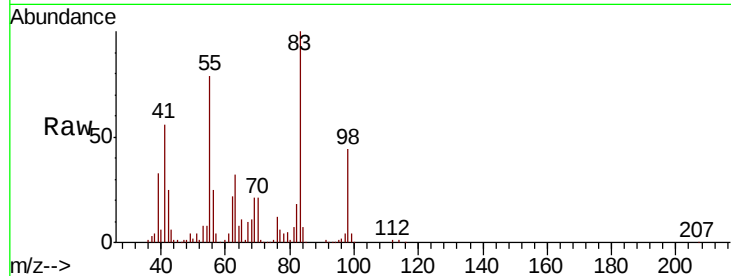




#39
Methylcyclohexane
Concen: 19.812 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

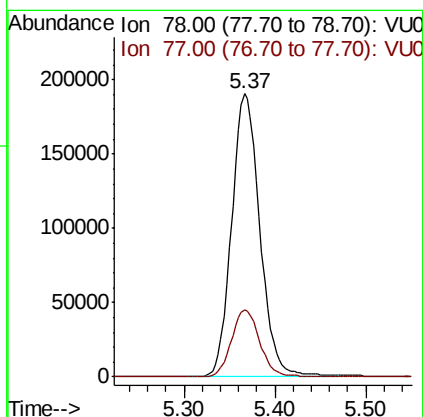
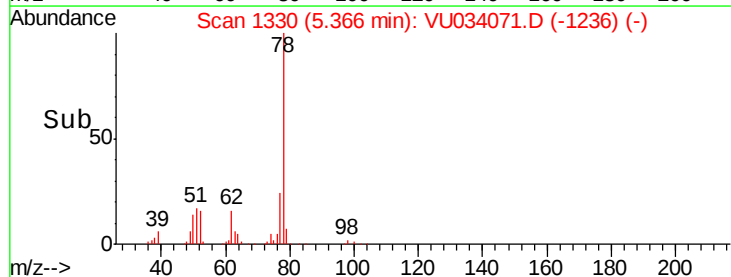
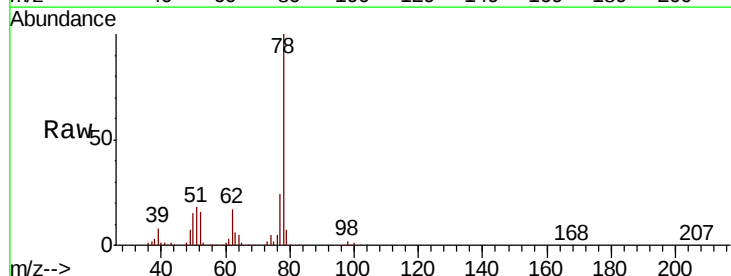
Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

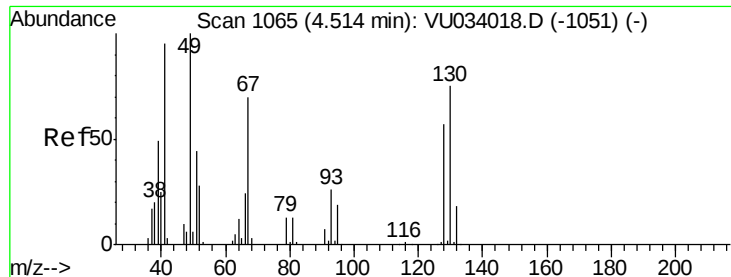
Tgt Ion: 83 Resp: 150359
Ion Ratio Lower Upper
83 100
55 79.4 62.3 93.5
98 43.6 36.2 54.2



#40
Benzene
Concen: 21.126 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion: 78 Resp: 411574
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

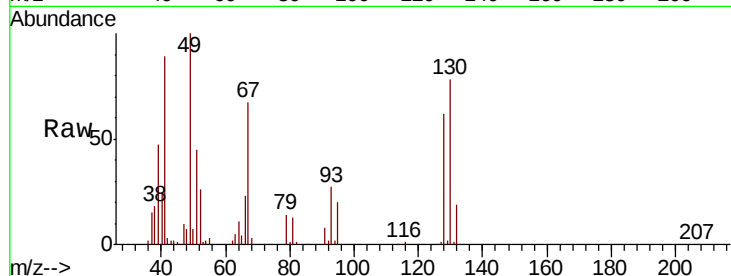




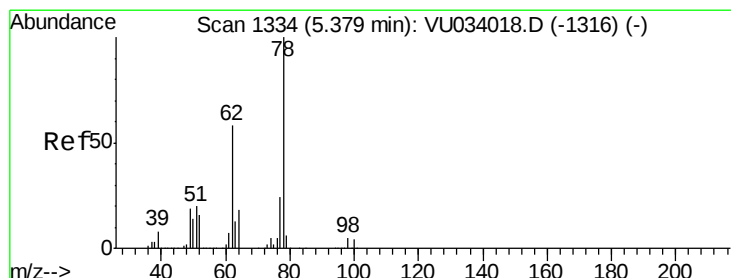
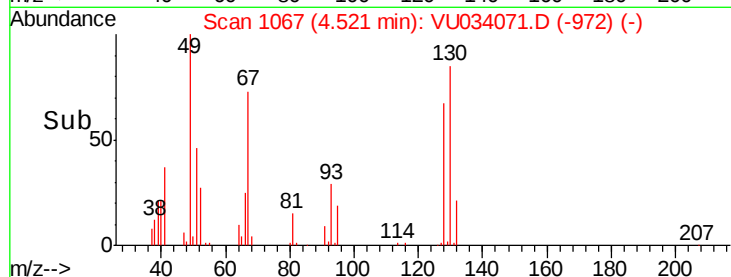
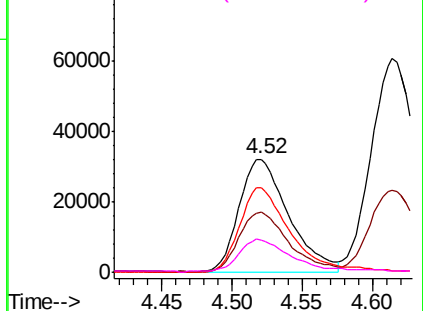
#41
Methacrylonitrile
Concen: 21.197 ug/l
RT: 4.52 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

Tgt Ion: 41 Resp: 78386
Ion Ratio Lower Upper
41 100
39 53.2 42.1 63.1
67 78.3 61.0 91.4
52 30.3 23.3 34.9

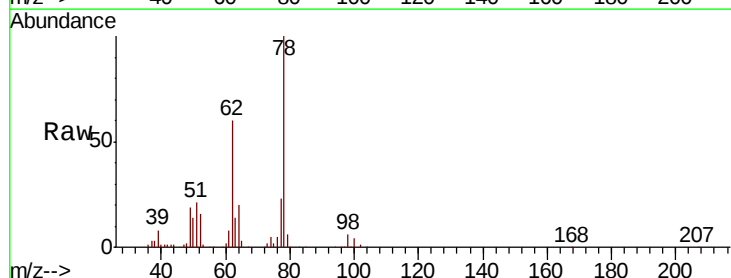


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

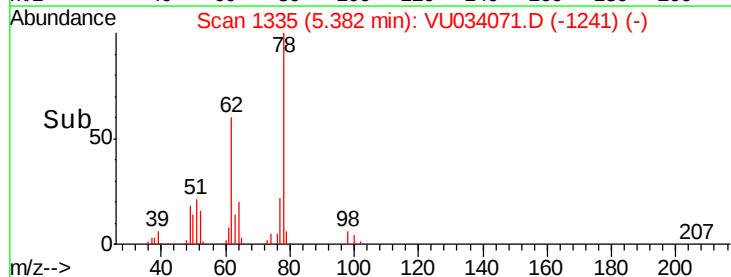
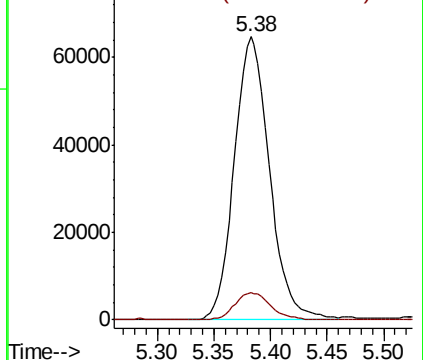


#42
1,2-Dichloroethane
Concen: 20.884 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion: 62 Resp: 140494
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.2



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





#43

Isopropyl Acetate

Concen: 20.183 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

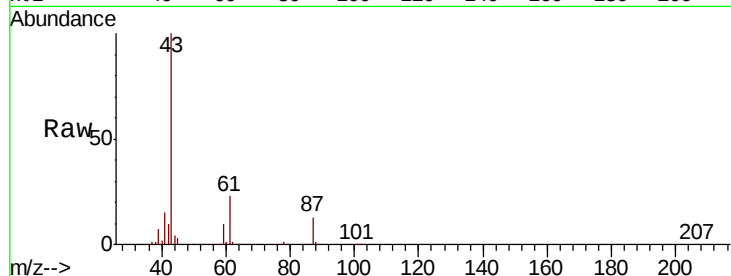
Tgt Ion: 43 Resp: 221409

Ion Ratio Lower Upper

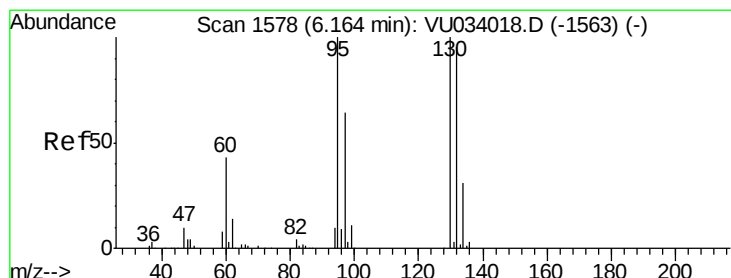
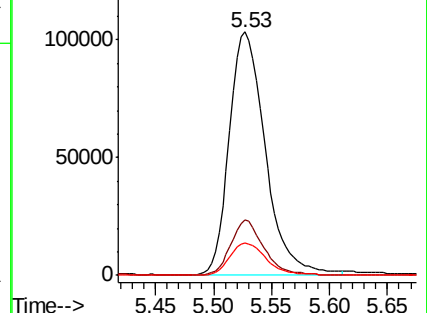
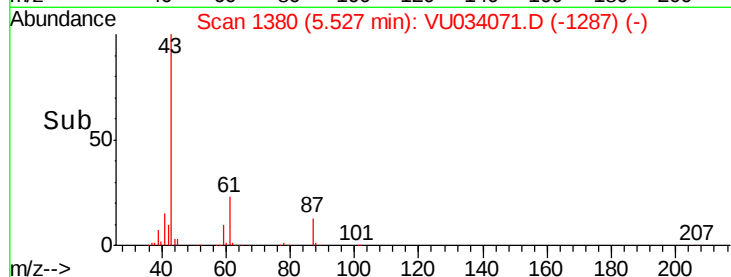
43 100

61 21.1 17.2 25.8

87 13.8 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034071.D (-1287) (-)



#44

Trichloroethene

Concen: 21.334 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034071.D

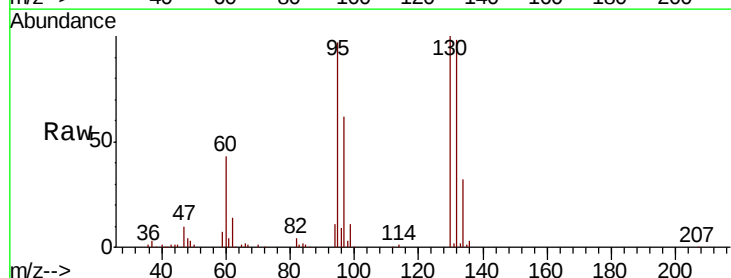
Acq: 29 Aug 2019 18:46

Tgt Ion: 130 Resp: 109146

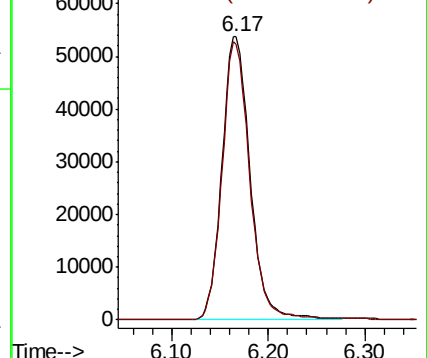
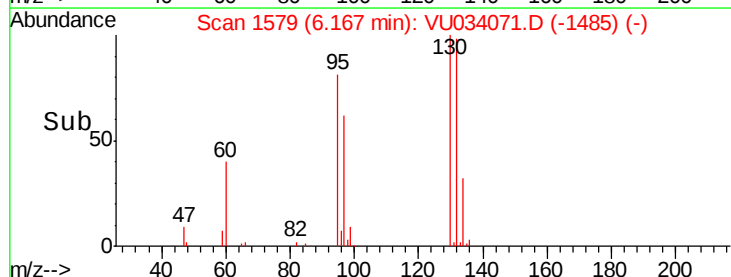
Ion Ratio Lower Upper

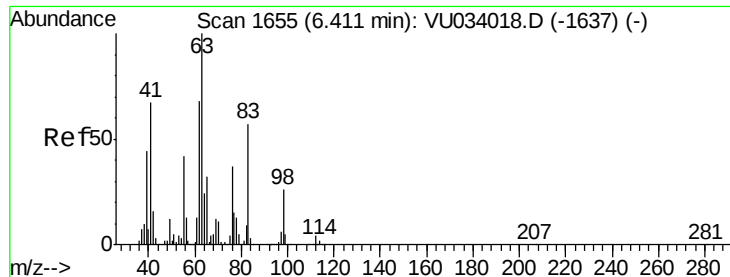
130 100

95 97.4 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): VU034071.D (-1485) (-)





#45

1,2-Dichloropropane

Concen: 20.964 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

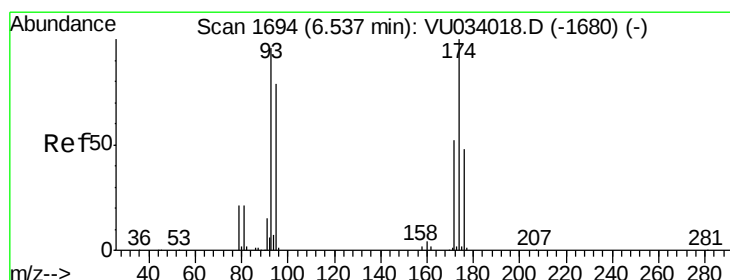
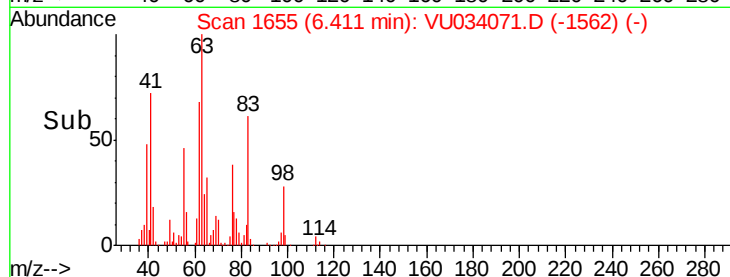
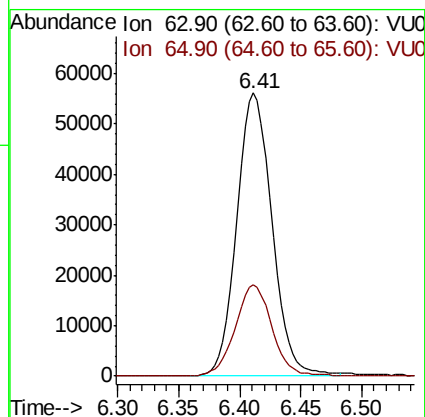
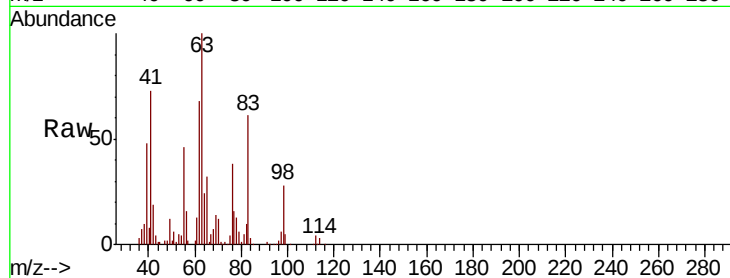
VU0830WBSD01

Tgt Ion: 63 Resp: 112425

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2



#46

Dibromomethane

Concen: 20.902 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

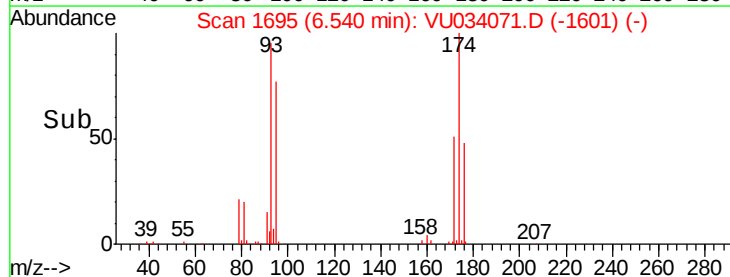
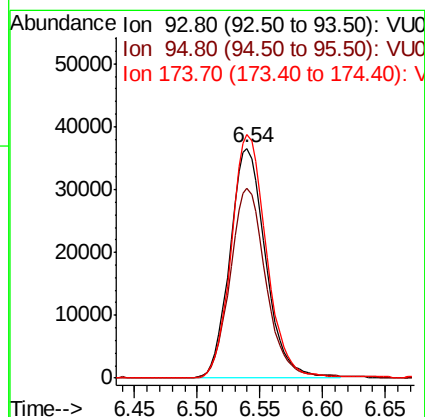
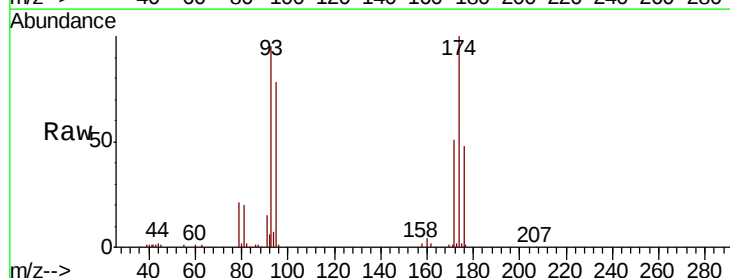
Tgt Ion: 93 Resp: 72218

Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 104.0 84.9 127.3





#47

Bromodichloromethane

Concen: 20.732 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

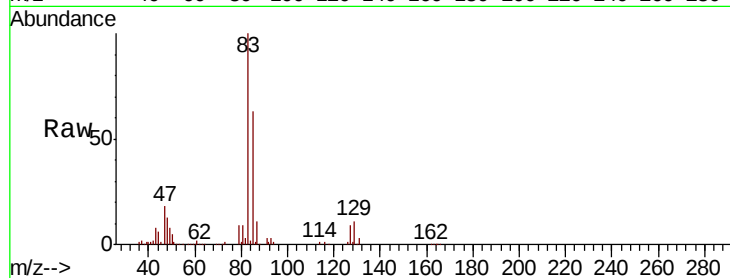
Tgt Ion: 83 Resp: 140147

Ion Ratio Lower Upper

83 100

85 62.6 51.2 76.8

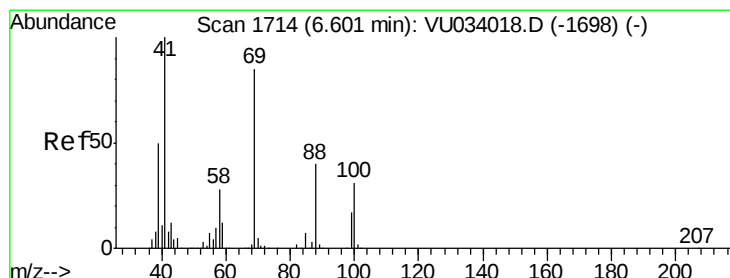
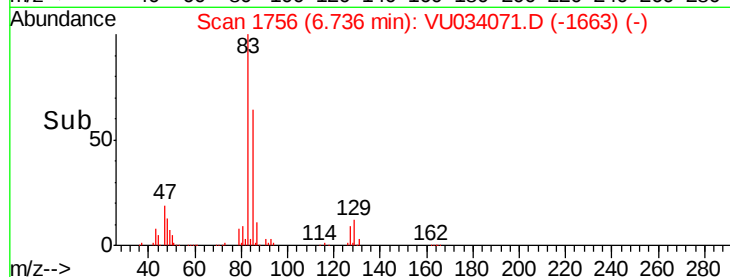
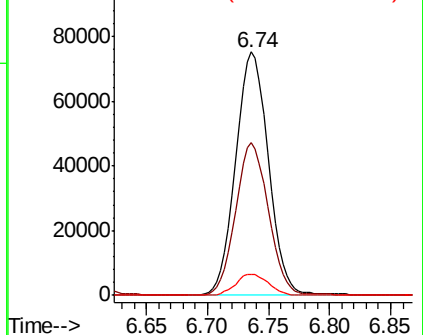
127 8.8 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034071.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034071.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034071.D (-1663) (-)



#48

Methyl methacrylate

Concen: 20.236 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

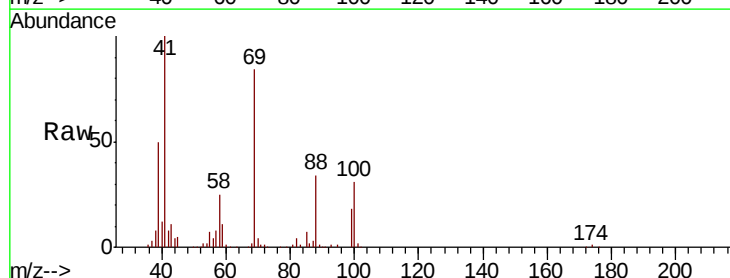
Tgt Ion: 41 Resp: 107123

Ion Ratio Lower Upper

41 100

69 87.9 69.5 104.3

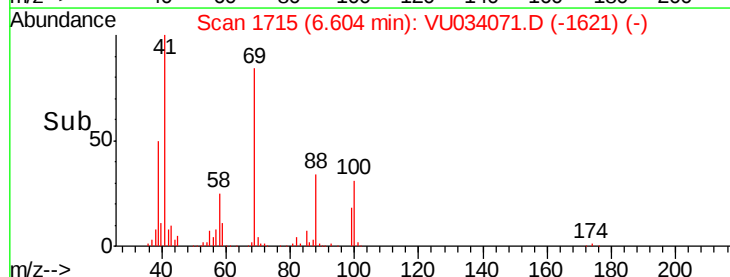
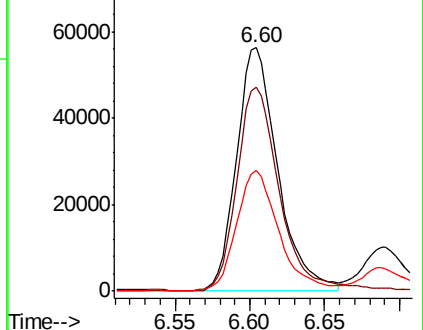
39 50.7 40.3 60.5

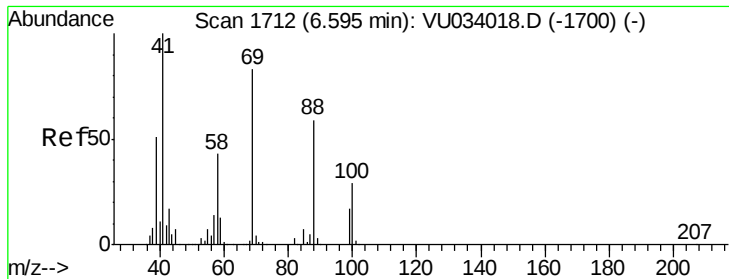


Abundance Ion 41.00 (40.70 to 41.70): VU034071.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034071.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034071.D (-1621) (-)

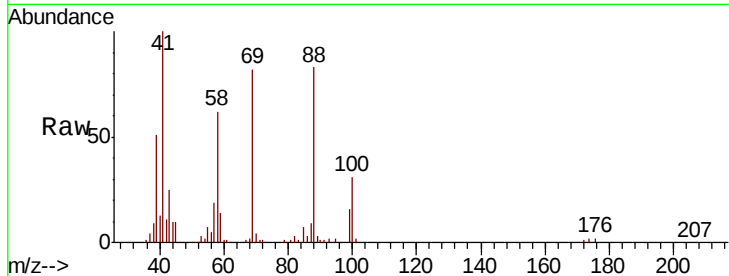




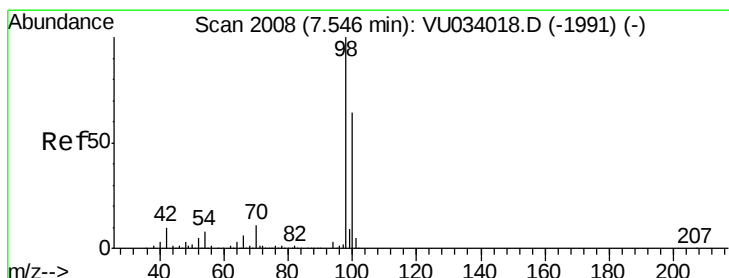
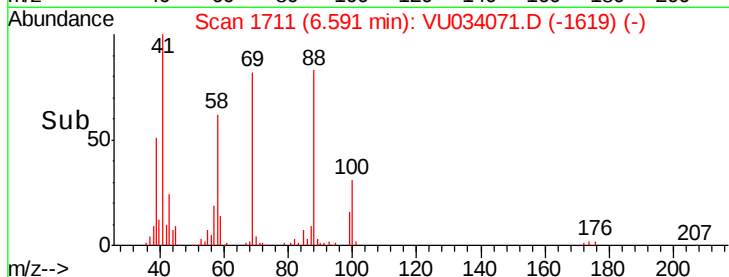
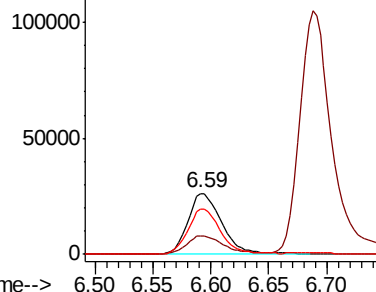
#49
 1,4-Dioxane
 Concen: 398.865 ug/l
 RT: 6.59 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

Tgt Ion: 88 Resp: 52903
 Ion Ratio Lower Upper
 88 100
 43 30.9 24.8 37.2
 58 73.8 59.3 88.9

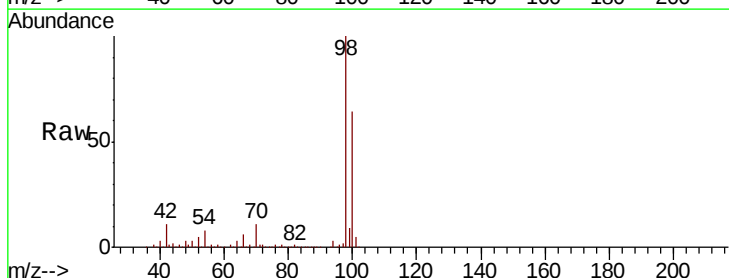


Abundance Ion 88.00 (87.70 to 88.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

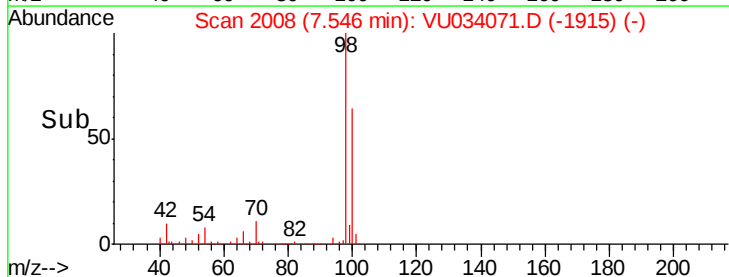
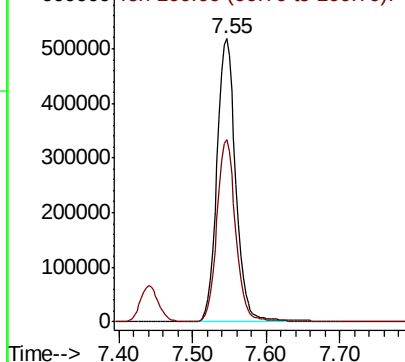


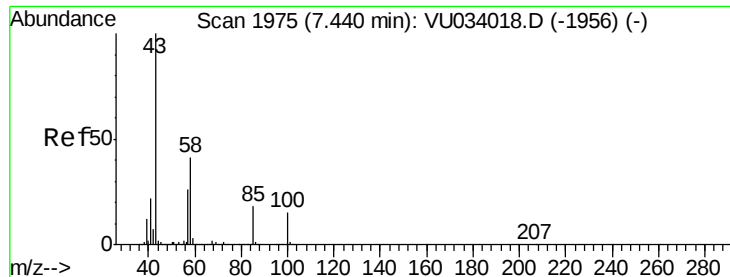
#50
 Toluene-d8
 Concen: 52.037 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion: 98 Resp: 920005
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.3 75.5



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

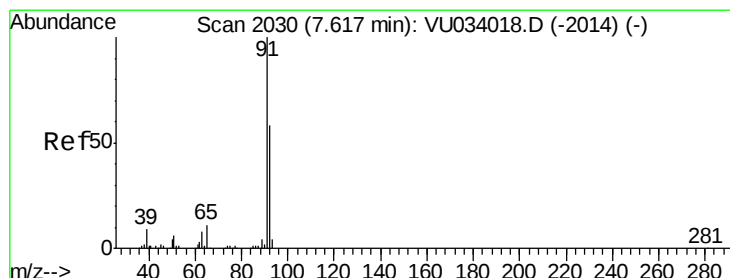
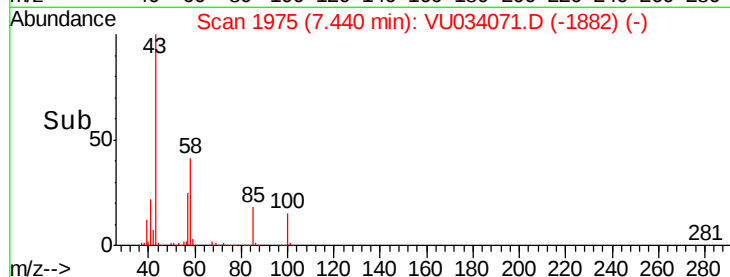
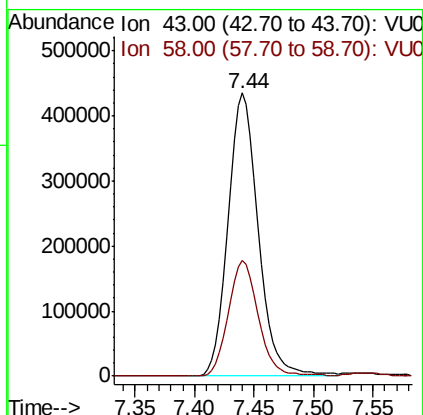
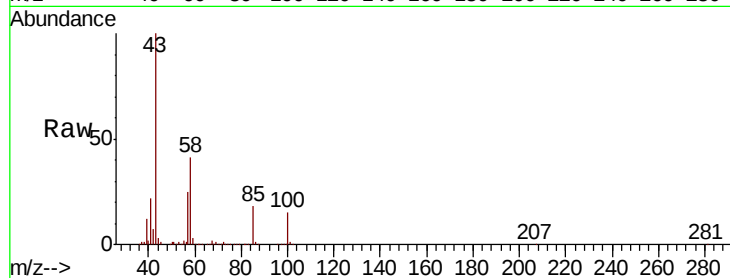




#51
 4-Methyl-2-Pentanone
 Concen: 100.988 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

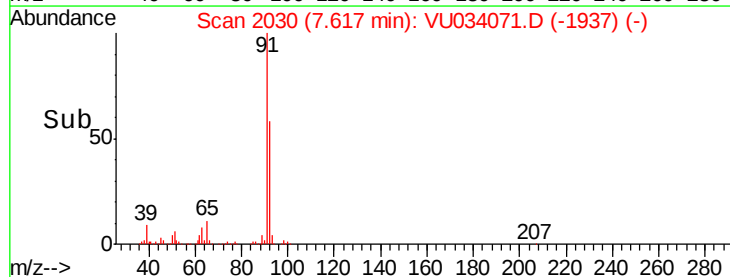
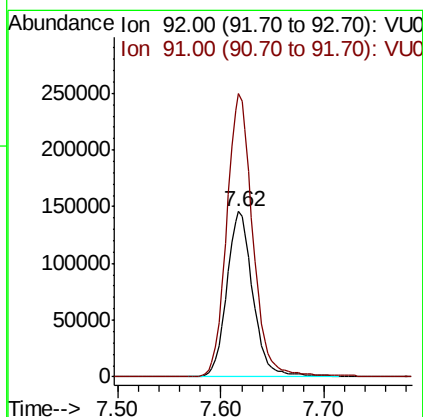
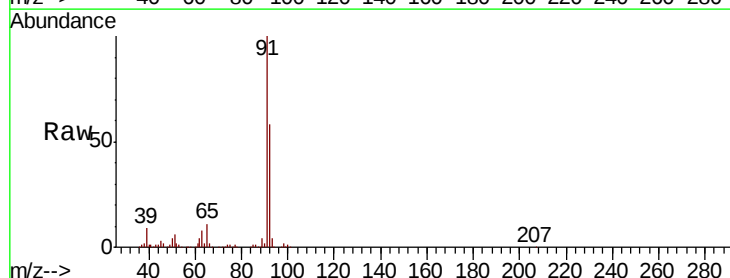
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

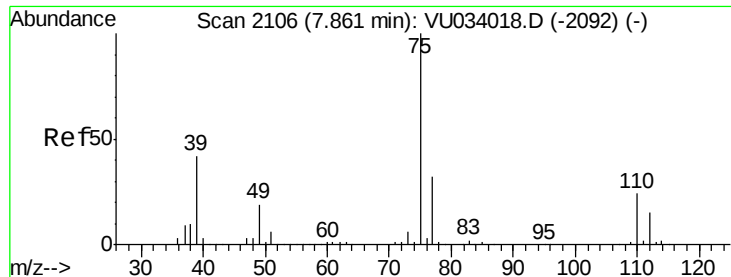
Tgt Ion: 43 Resp: 765076
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.2 48.4



#52
 Toluene
 Concen: 21.434 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion: 92 Resp: 257240
 Ion Ratio Lower Upper
 92 100
 91 172.4 138.3 207.5

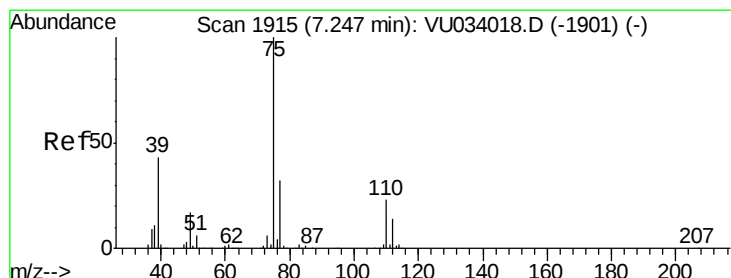
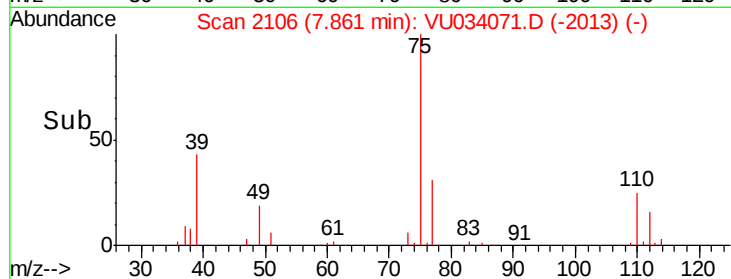
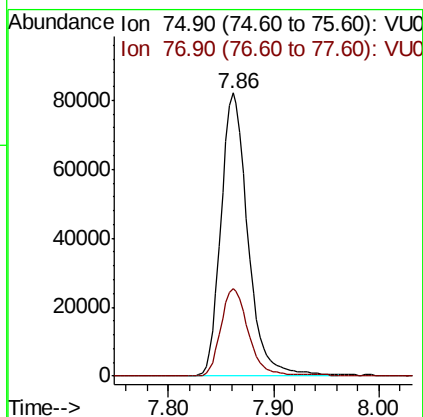
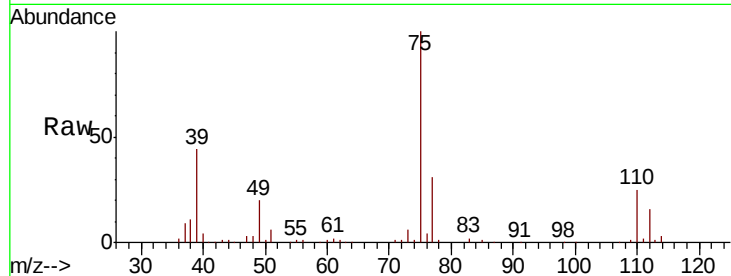




#53
 t-1,3-Dichloropropene
 Concen: 19.405 ug/l
 RT: 7.86 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

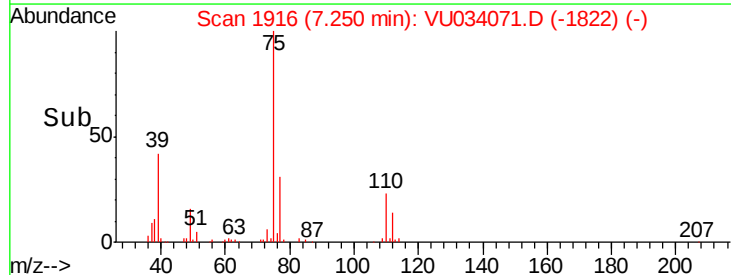
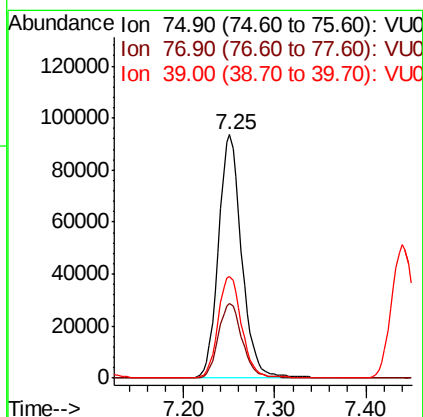
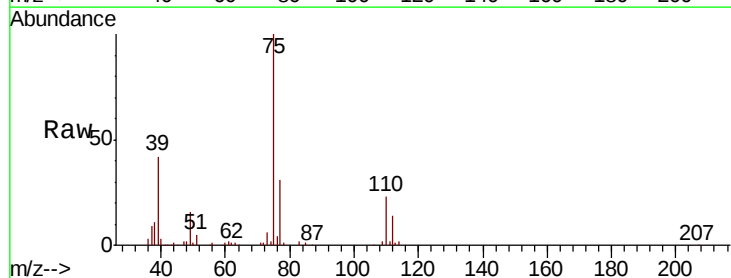
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

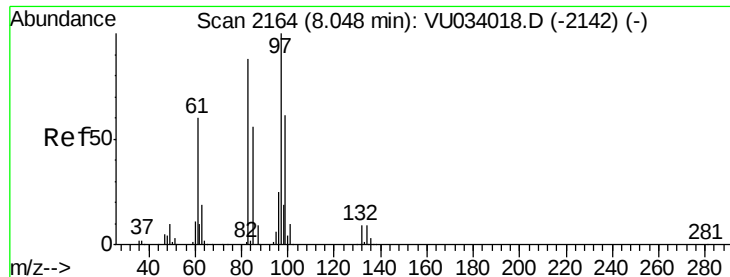
Tgt Ion: 75 Resp: 145550
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.317 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion: 75 Resp: 166491
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8
 39 41.9 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 19.797 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

Tgt Ion: 97 Resp: 100499

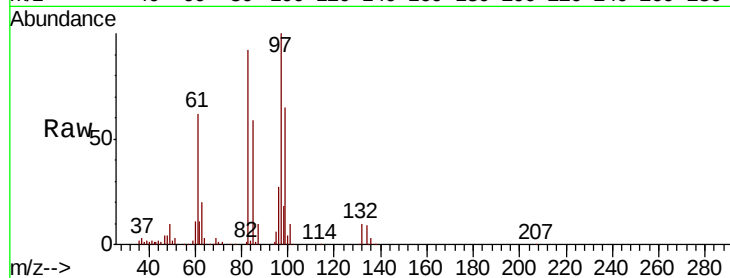
Ion Ratio Lower Upper

97 100

83 92.7 70.1 105.1

85 58.7 45.0 67.4

99 64.5 49.8 74.8

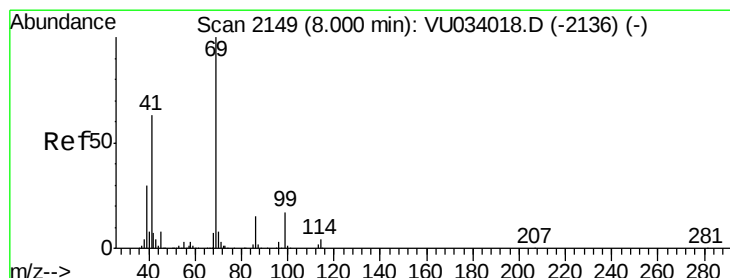
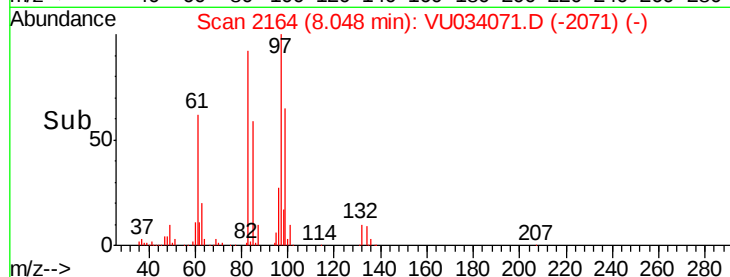
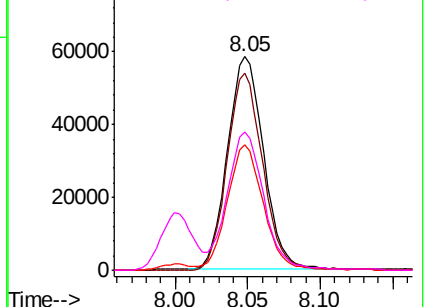


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 18.126 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

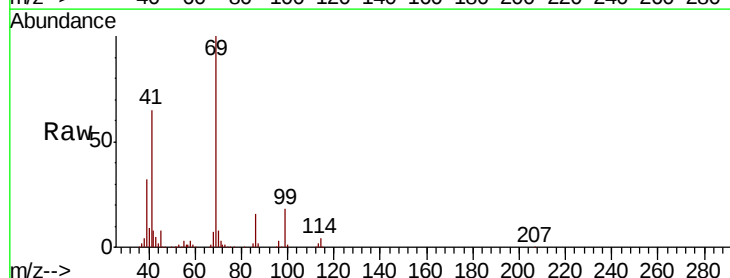
Tgt Ion: 69 Resp: 147307

Ion Ratio Lower Upper

69 100

41 65.9 50.7 76.1

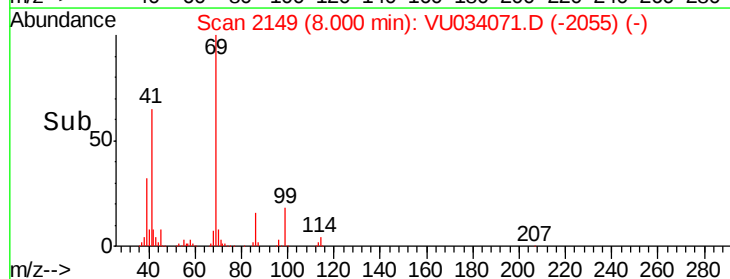
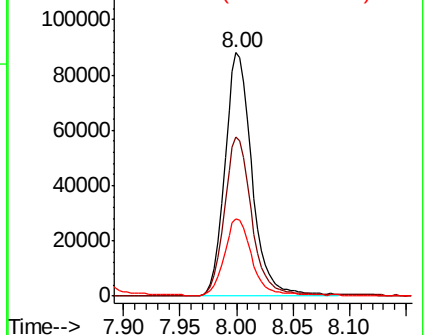
39 31.2 24.2 36.2

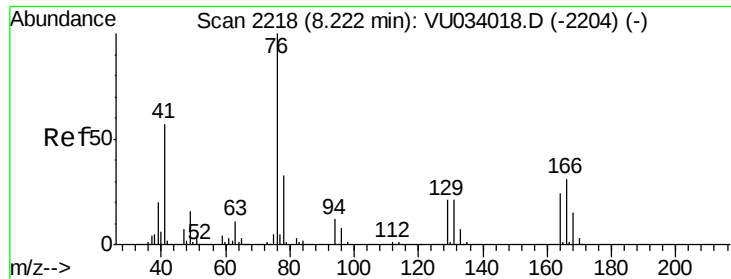


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 20.557 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

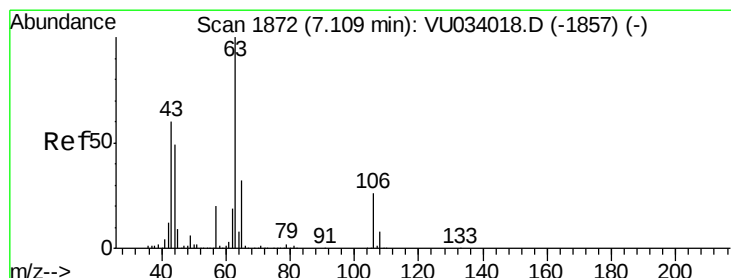
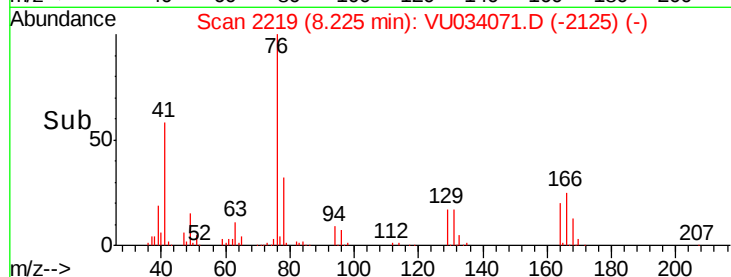
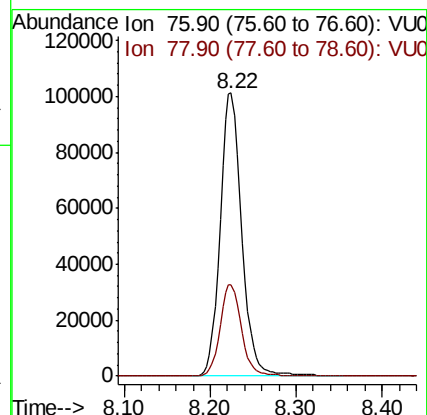
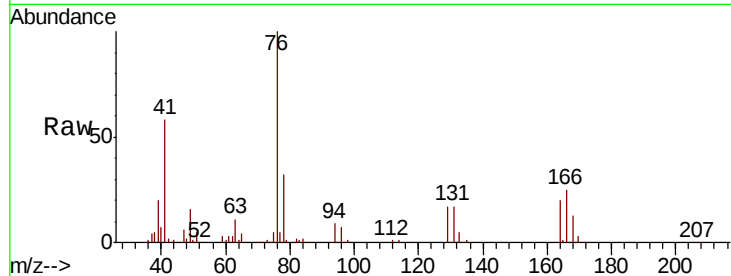
VU0830WBSD01

Tgt Ion: 76 Resp: 177193

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.506 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VU034071.D

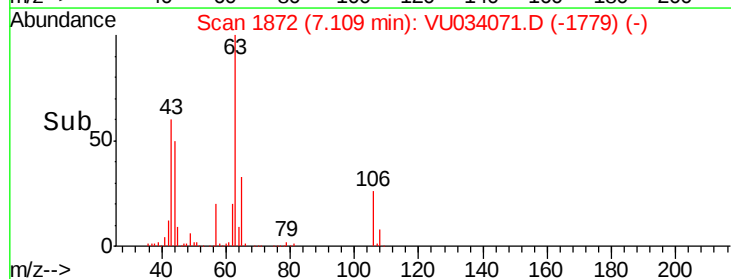
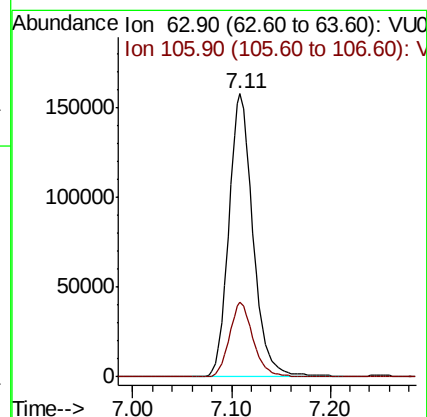
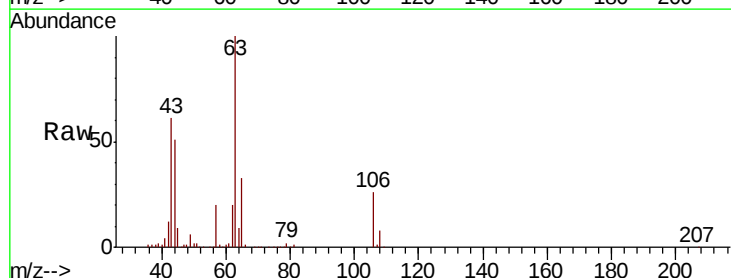
Acq: 29 Aug 2019 18:46

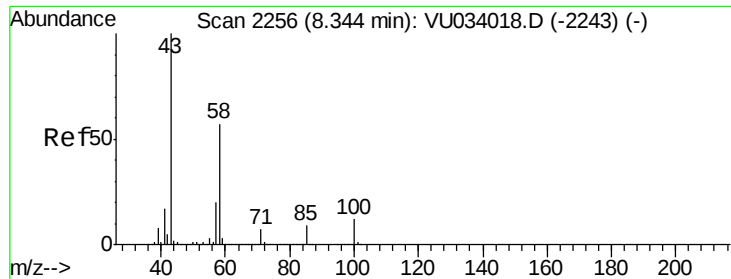
Tgt Ion: 63 Resp: 271029

Ion Ratio Lower Upper

63 100

106 26.0 20.7 31.1

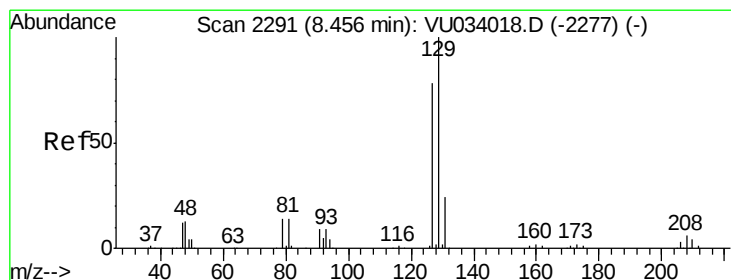
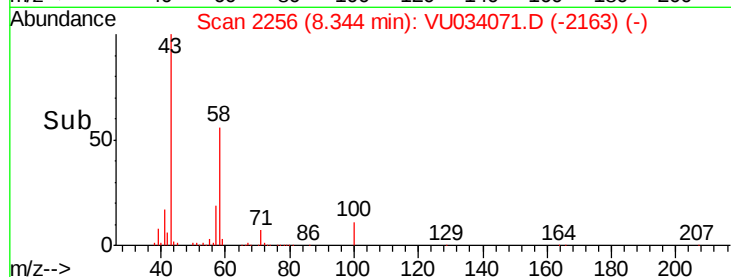
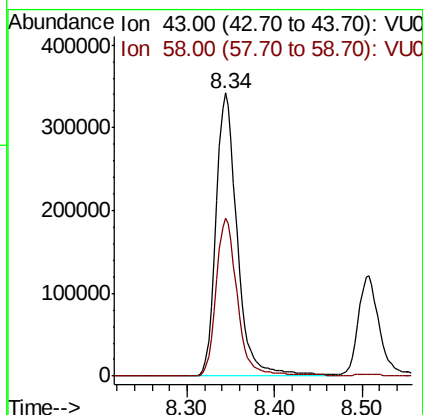
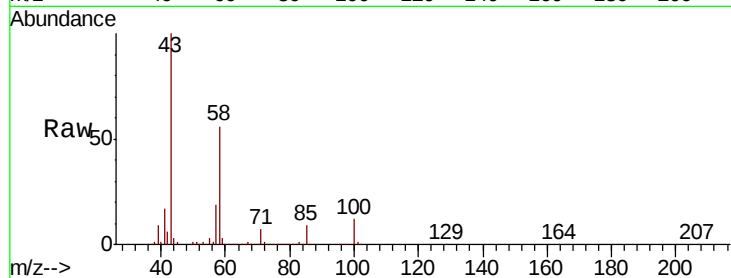




#59
2-Hexanone
Concen: 100.995 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

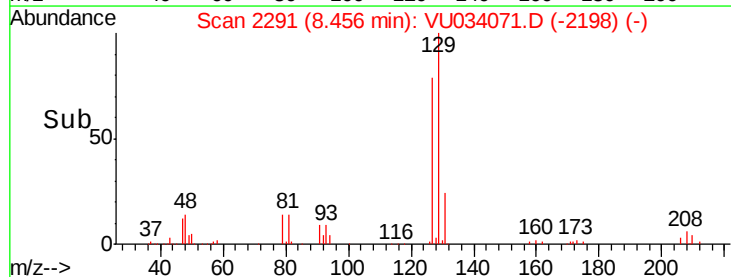
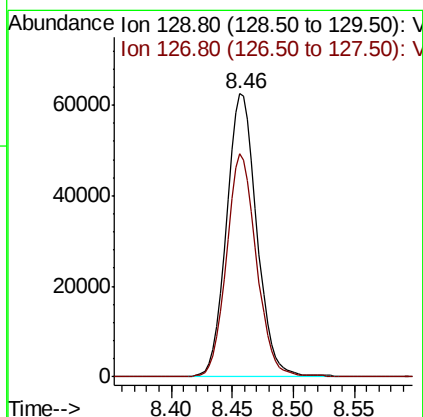
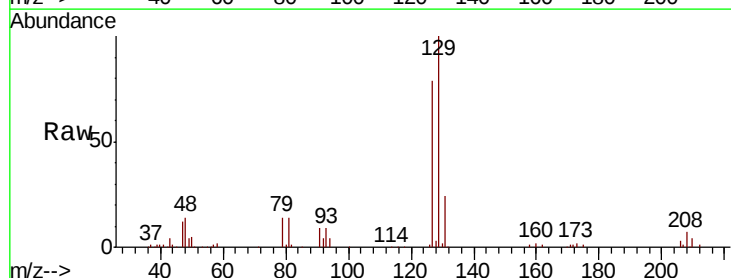
Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

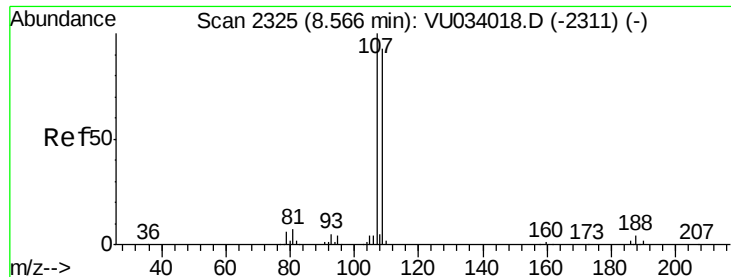
Tgt Ion: 43 Resp: 577607
Ion Ratio Lower Upper
43 100
58 55.6 28.4 85.3



#60
Dibromochloromethane
Concen: 19.964 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion: 129 Resp: 108787
Ion Ratio Lower Upper
129 100
127 77.7 39.0 116.9

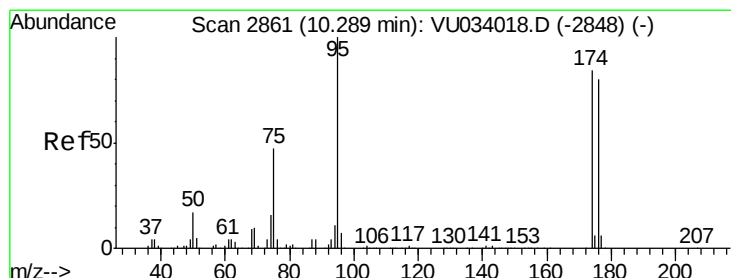
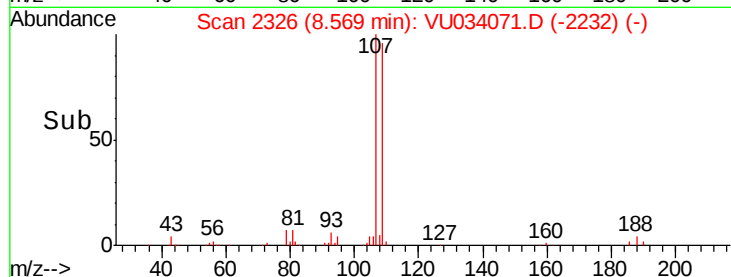
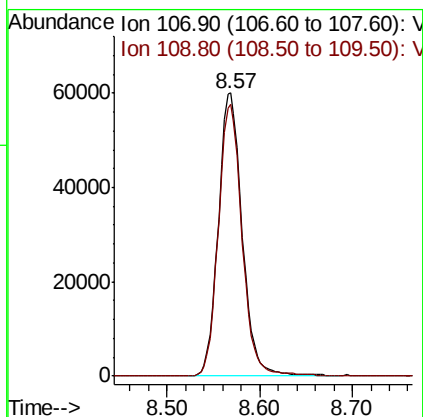
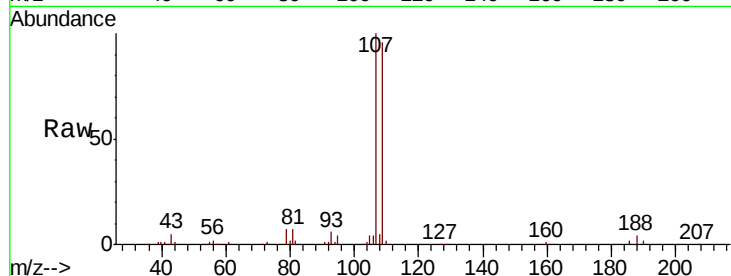




#61
 1,2-Dibromoethane
 Concen: 20.006 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

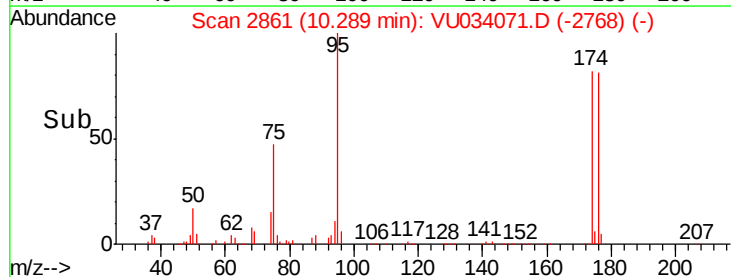
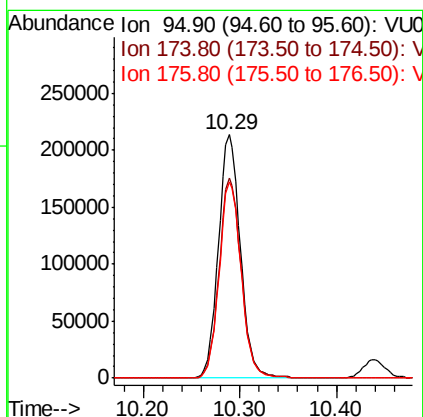
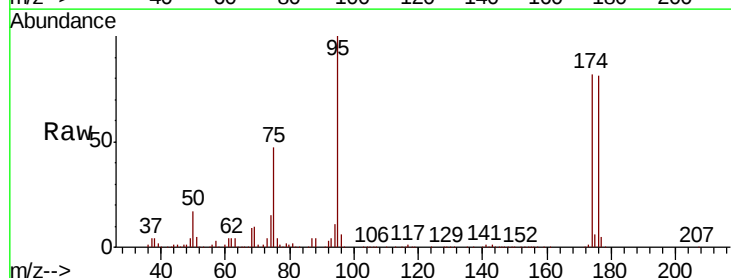
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

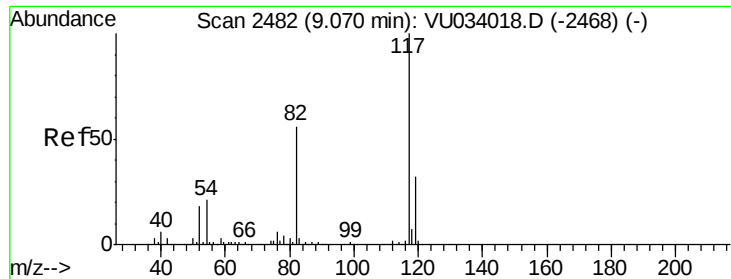
Tgt Ion: 107 Resp: 106983
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 48.995 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion: 95 Resp: 336952
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 168.8
 176 80.9 0.0 161.8

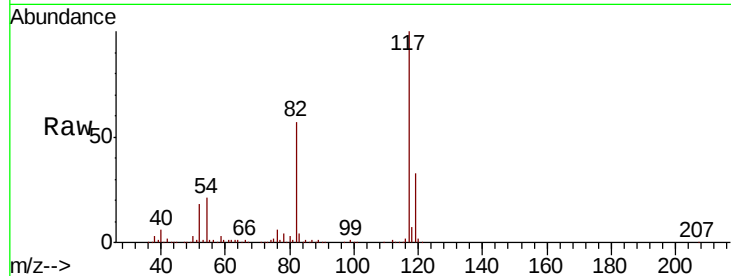




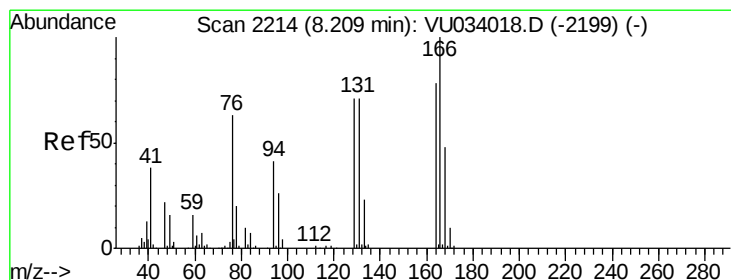
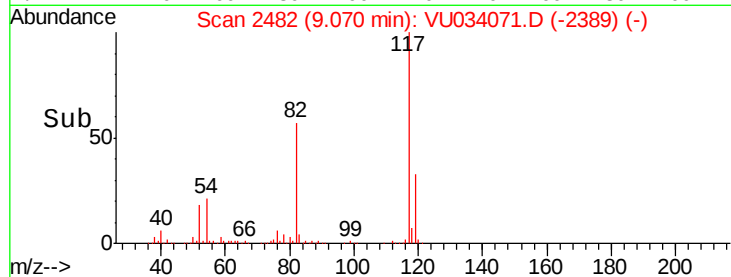
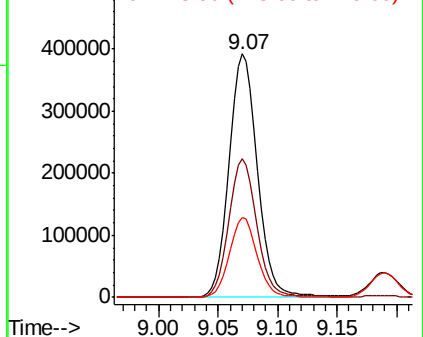
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

Tgt Ion:117 Resp: 648938
Ion Ratio Lower Upper
117 100
82 56.8 45.1 67.7
119 33.0 25.4 38.0

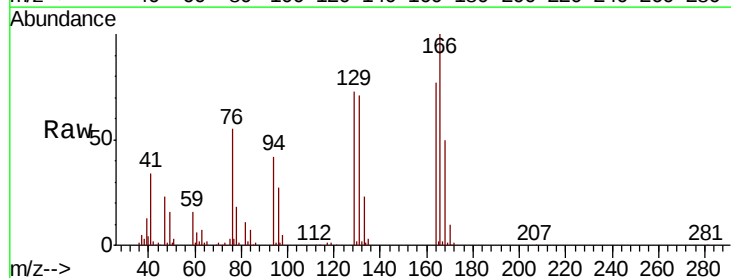


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

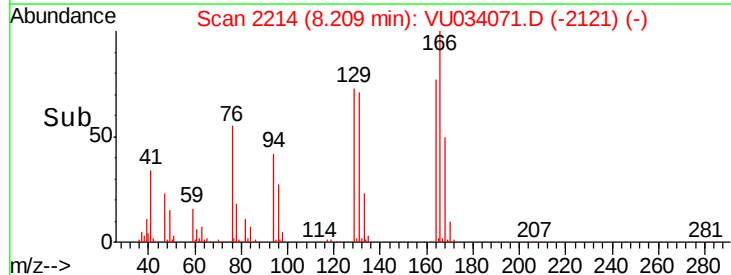
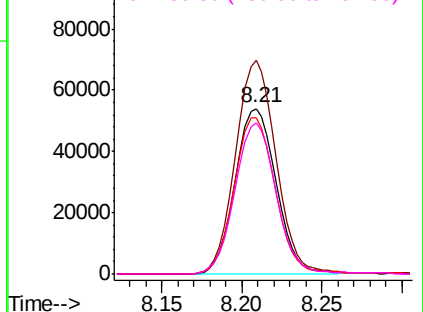


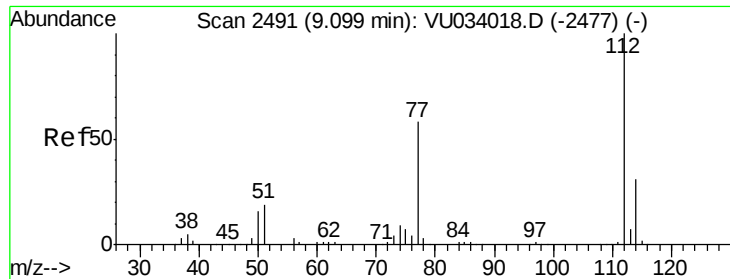
#64
Tetrachloroethene
Concen: 21.708 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion:164 Resp: 94606
Ion Ratio Lower Upper
164 100
166 129.1 102.2 153.2
129 94.4 72.4 108.6
131 91.5 72.1 108.1



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

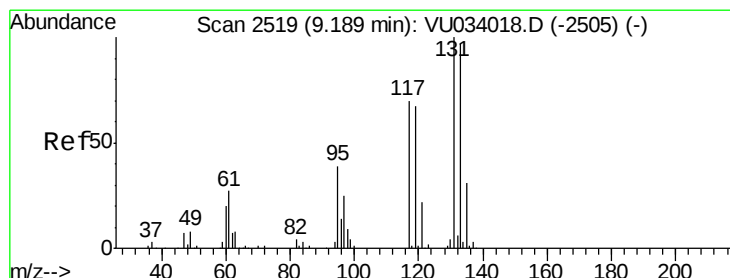
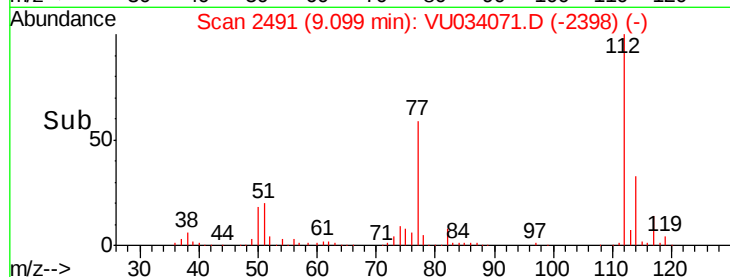
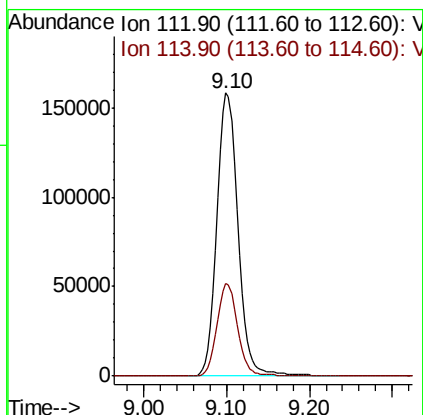
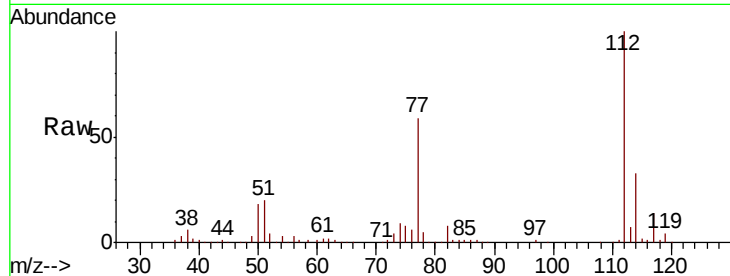




#65
Chlorobenzene
Concen: 20.902 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

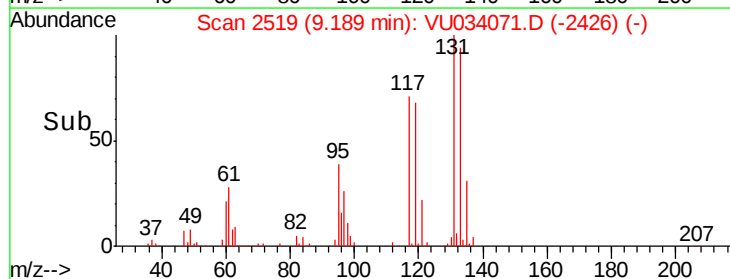
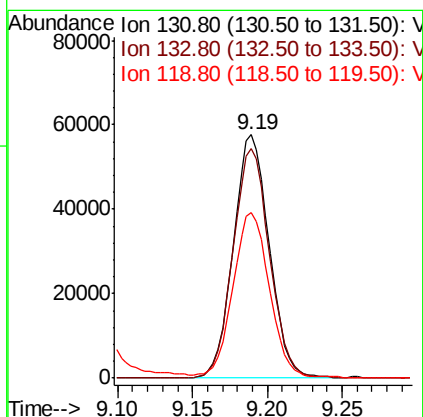
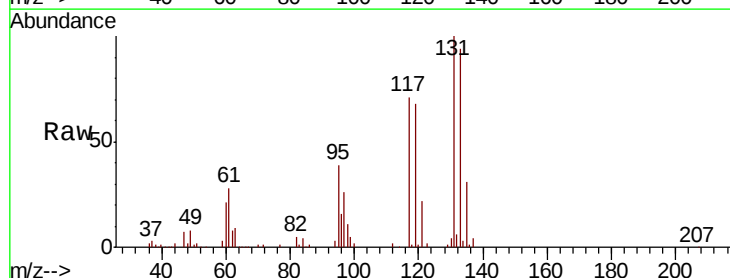
Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

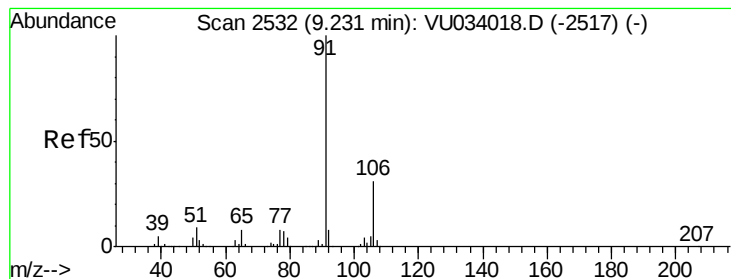
Tgt Ion:112 Resp: 279135
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.867 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion:131 Resp: 96204
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.2
119 68.6 33.6 100.6





#67

Ethyl Benzene

Concen: 20.616 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

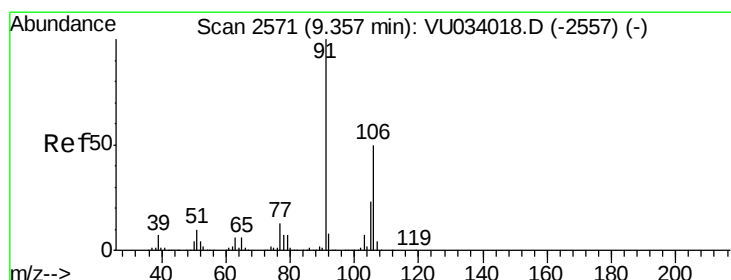
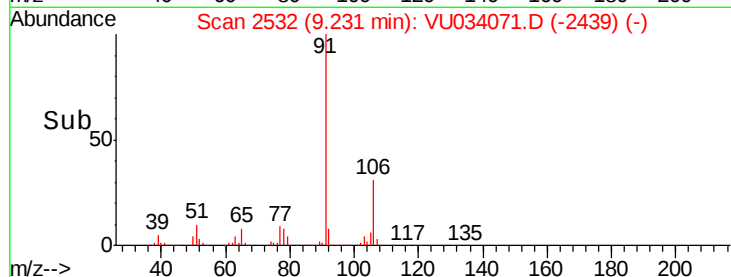
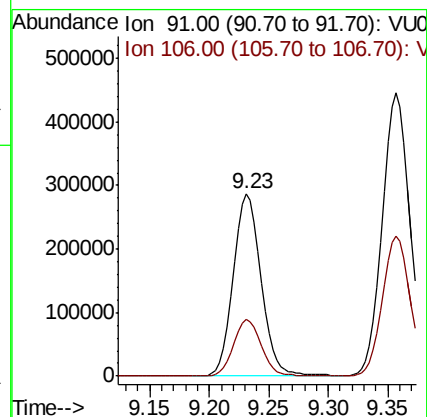
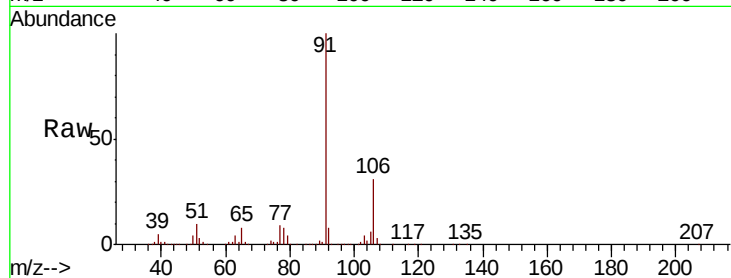
VU0830WBSD01

Tgt Ion: 91 Resp: 466703

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3



#68

m/p-Xylenes

Concen: 42.008 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU034071.D

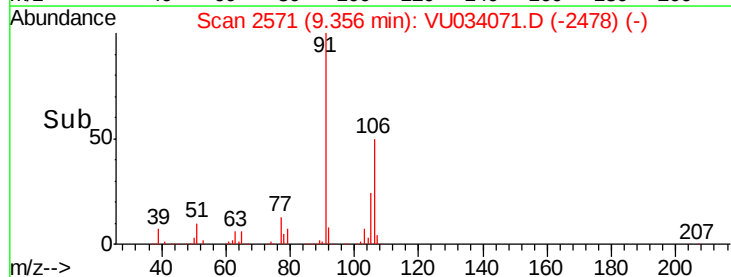
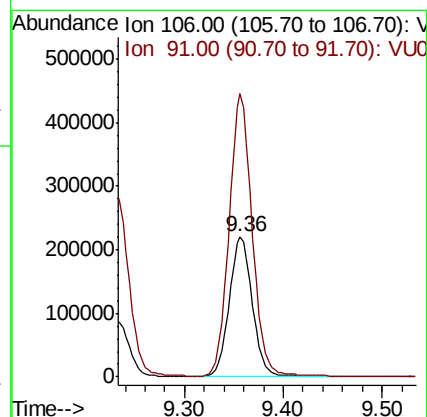
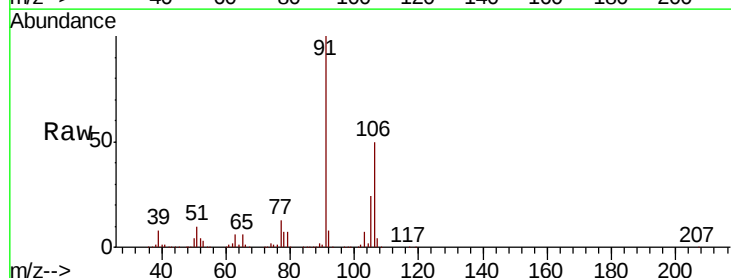
Acq: 29 Aug 2019 18:46

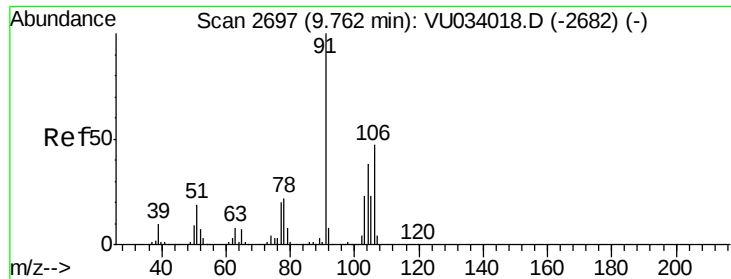
Tgt Ion: 106 Resp: 361595

Ion Ratio Lower Upper

106 100

91 200.1 161.6 242.4

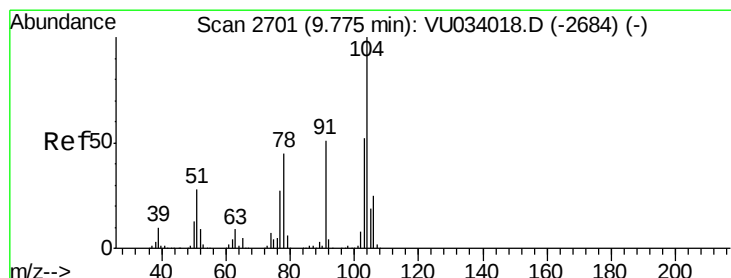
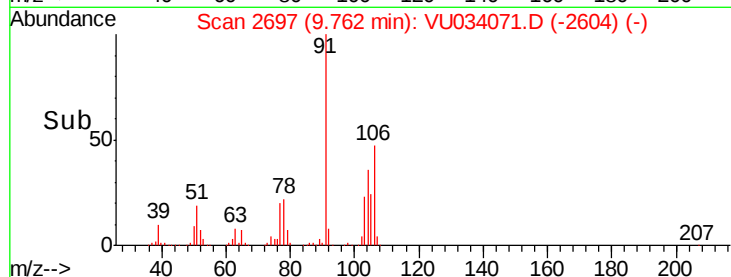
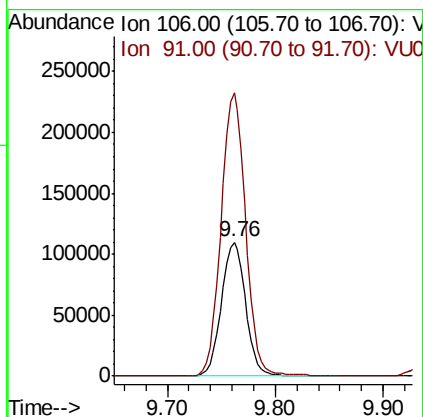
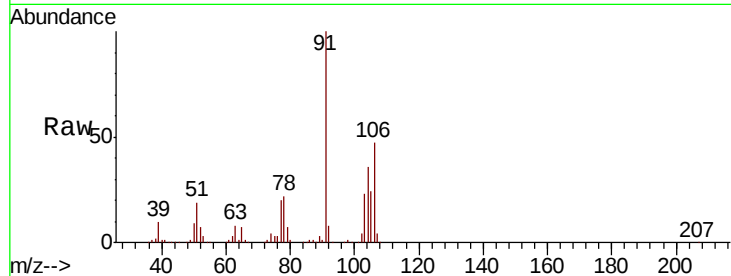




#69
o-Xylene
Concen: 20.843 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

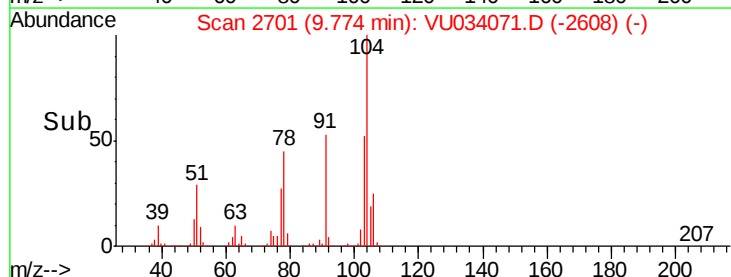
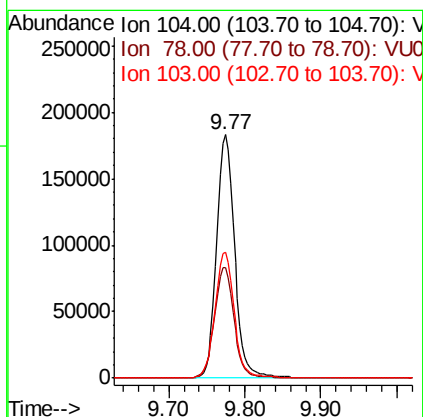
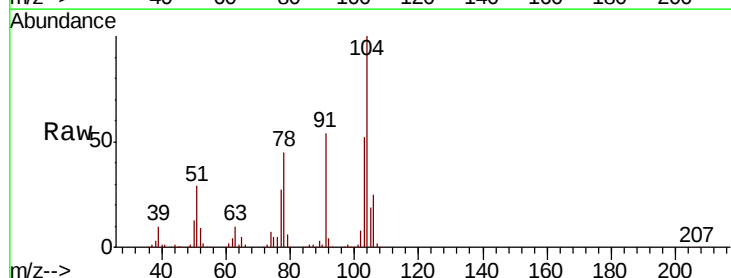
Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

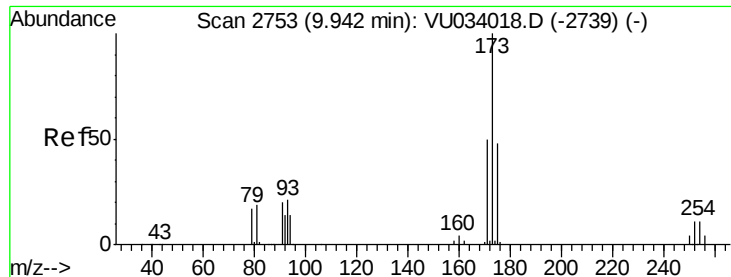
Tgt Ion:106 Resp: 172125
Ion Ratio Lower Upper
106 100
91 212.9 106.0 318.0



#70
Styrene
Concen: 21.358 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion:104 Resp: 302418
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.8 44.0 66.0





#71

Bromoform

Concen: 19.168 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

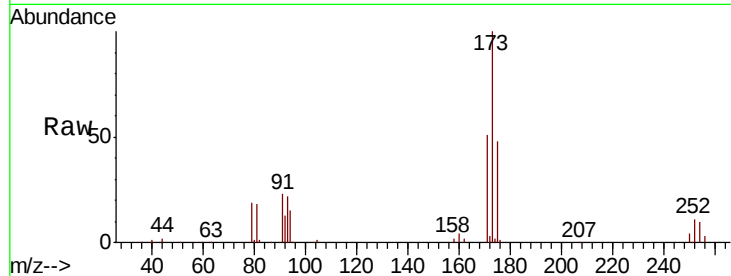
Tgt Ion:173 Resp: 80646

Ion Ratio Lower Upper

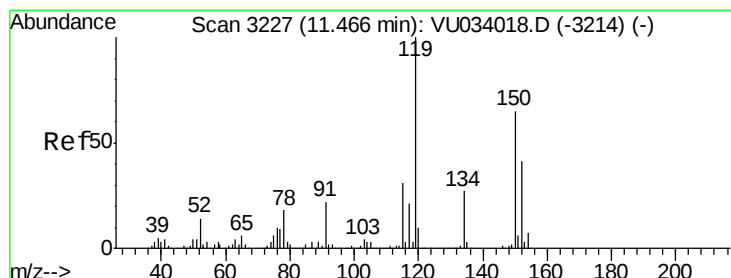
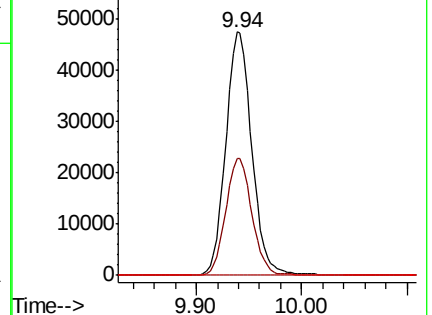
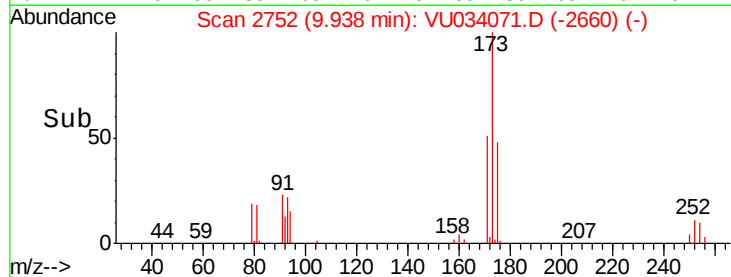
173 100

175 48.3 24.6 73.6

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: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

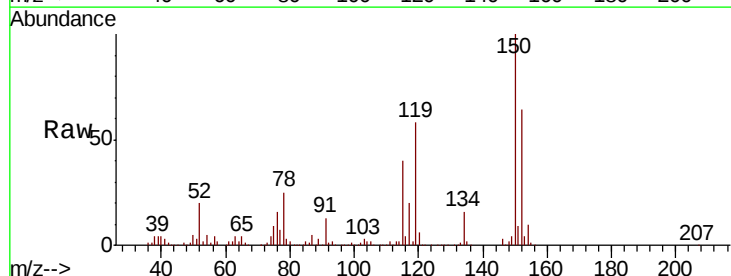
Tgt Ion:152 Resp: 344058

Ion Ratio Lower Upper

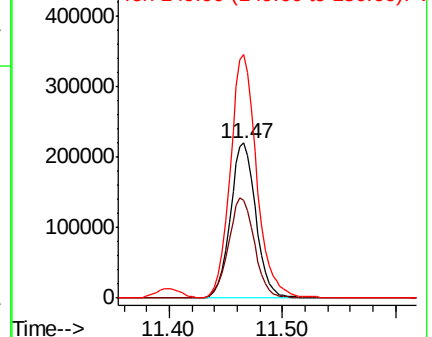
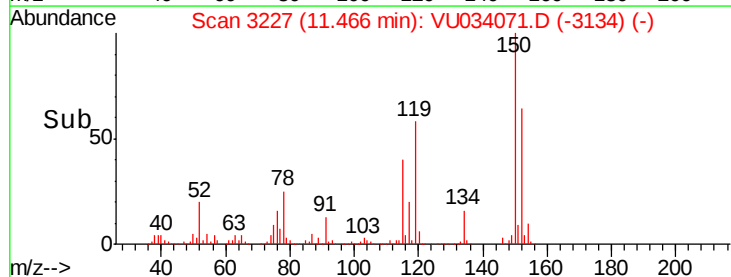
152 100

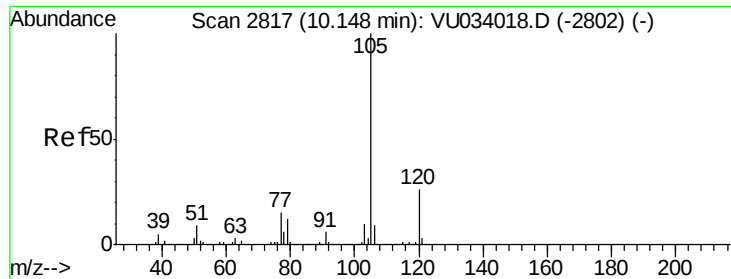
115 66.0 41.1 123.3

150 162.3 0.0 348.8



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: 19.910 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

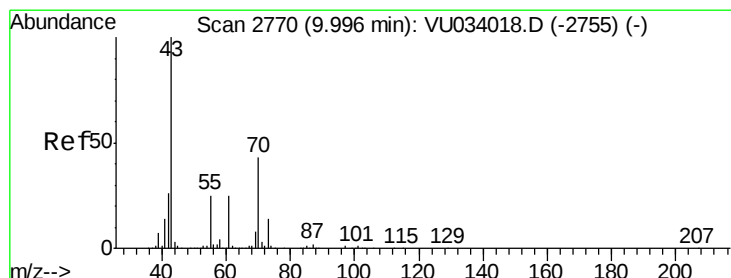
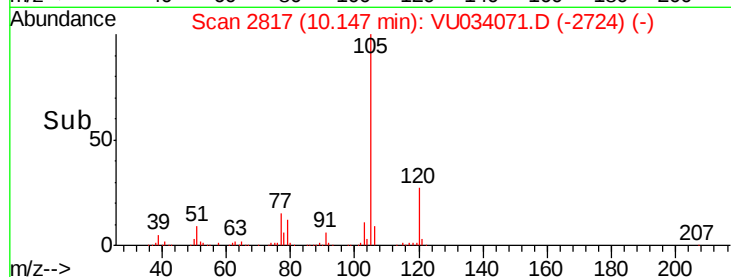
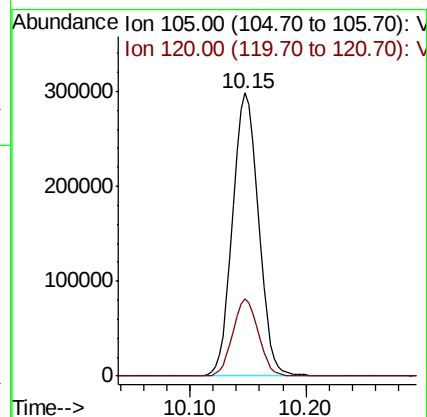
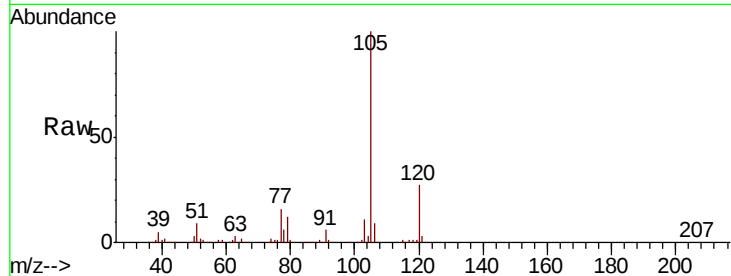
VU0830WBSD01

Tgt Ion: 105 Resp: 460120

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



#74

N-ethyl acetate

Concen: 19.451 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Tgt Ion: 43 Resp: 189060

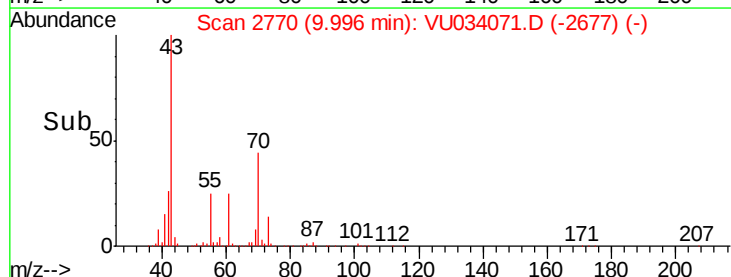
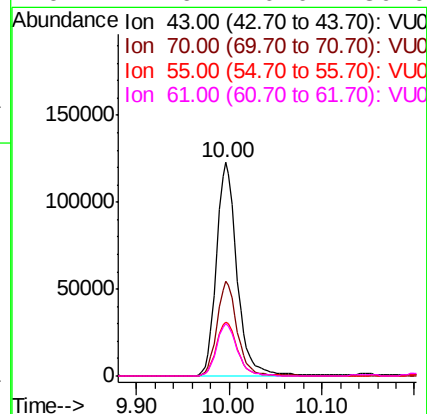
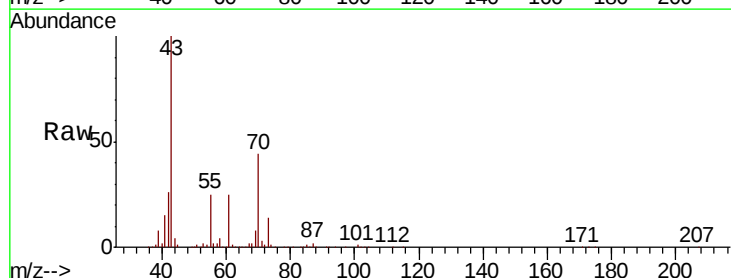
Ion Ratio Lower Upper

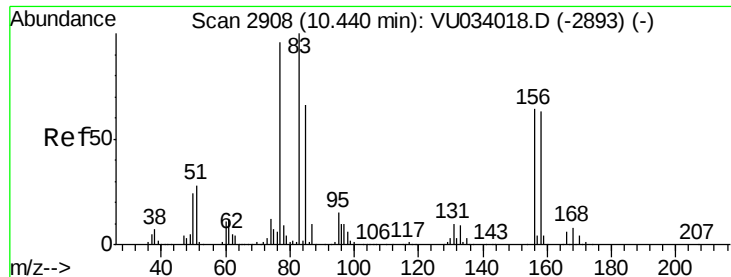
43 100

70 43.8 35.2 52.8

55 26.1 20.5 30.7

61 24.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.495 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

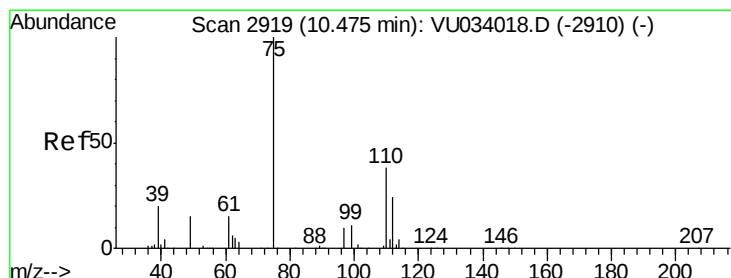
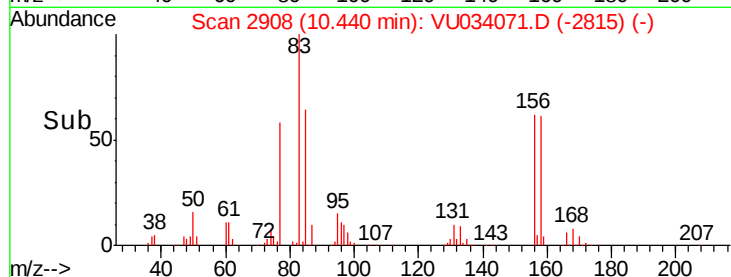
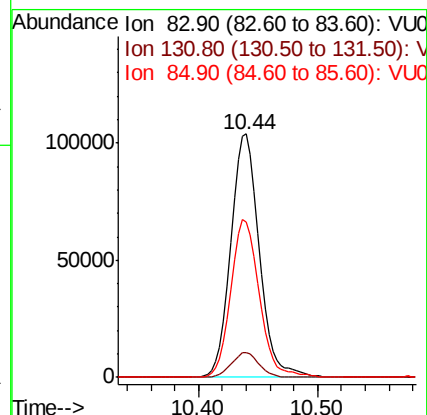
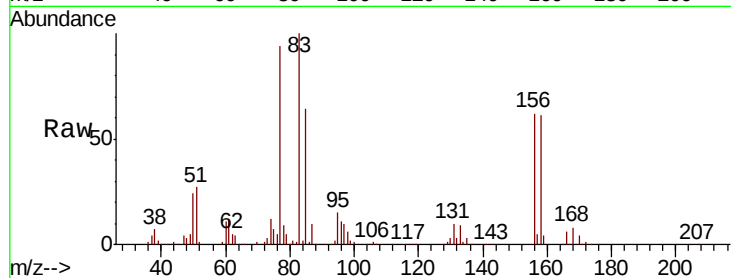
Tgt Ion: 83 Resp: 172441

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 65.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 24.267 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VU034071.D

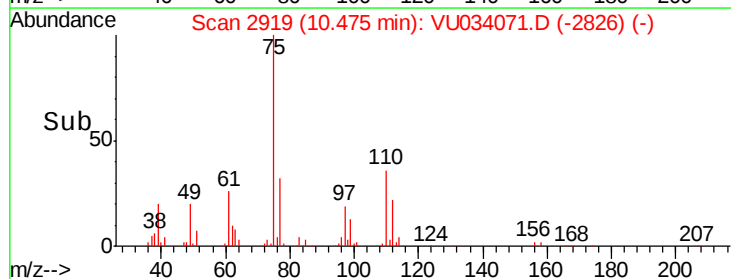
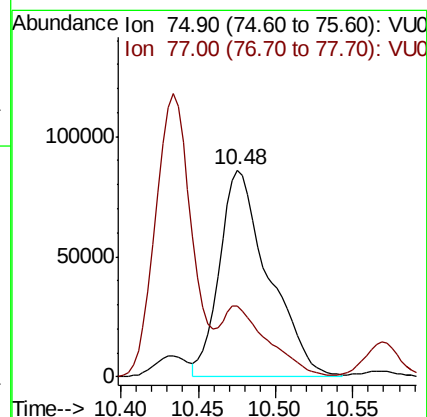
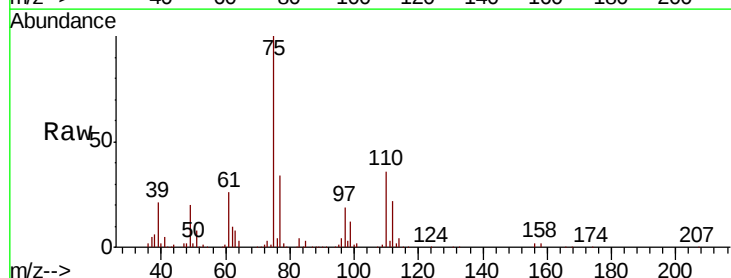
Acq: 29 Aug 2019 18:46

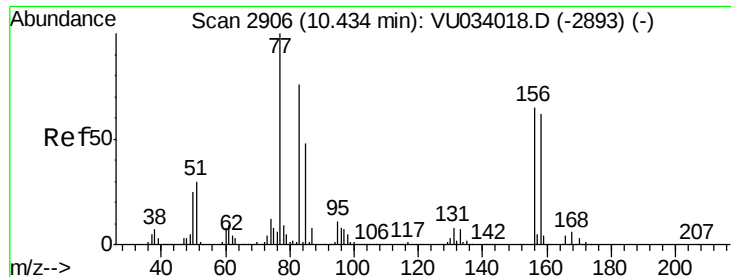
Tgt Ion: 75 Resp: 188178

Ion Ratio Lower Upper

75 100

77 31.3 20.1 60.2





#77

Bromobenzene

Concen: 19.876 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

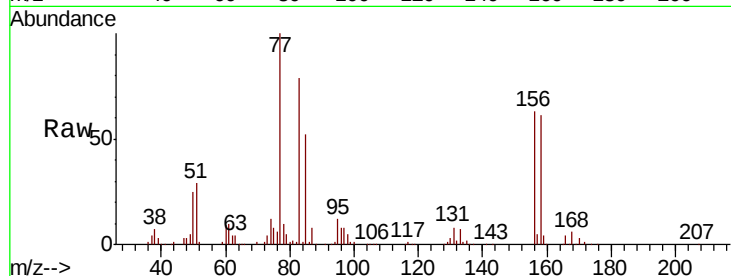
Tgt Ion:156 Resp: 123560

Ion Ratio Lower Upper

156 100

77 155.1 76.8 230.5

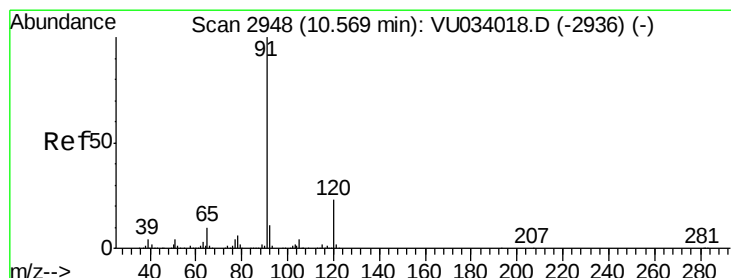
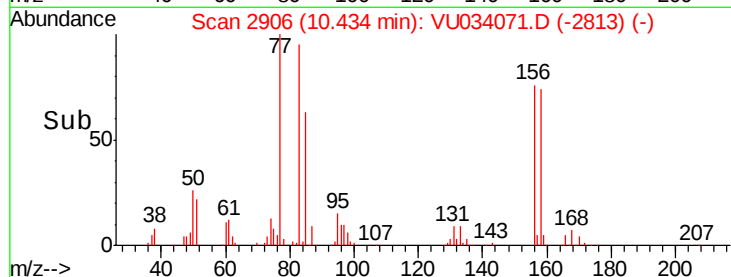
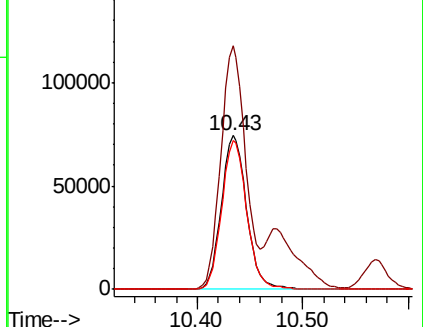
158 96.0 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.293 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU034071.D

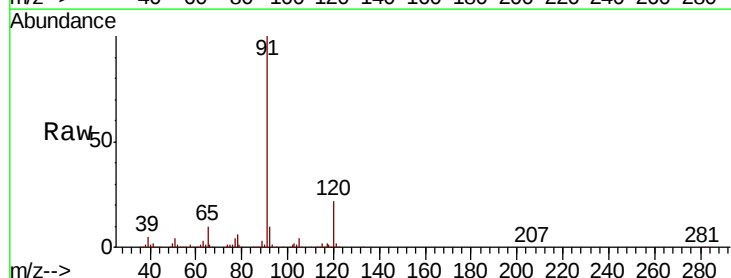
Acq: 29 Aug 2019 18:46

Tgt Ion: 91 Resp: 546166

Ion Ratio Lower Upper

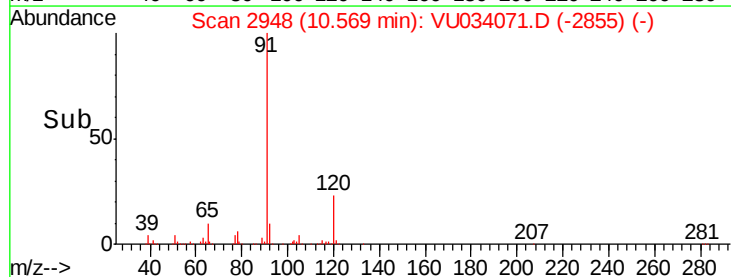
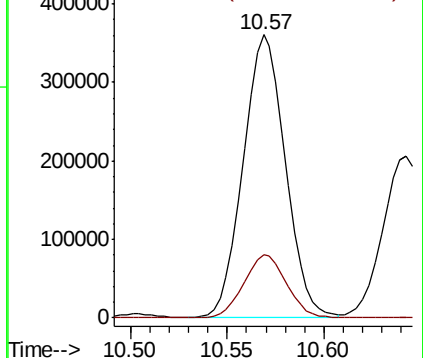
91 100

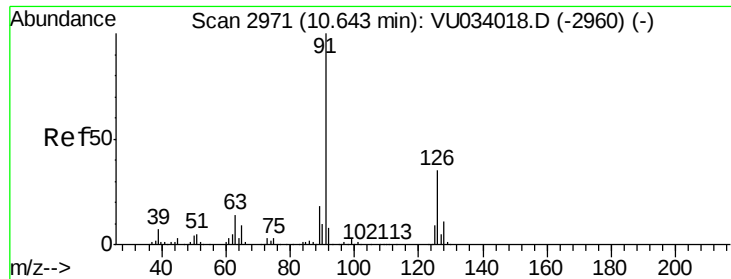
120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

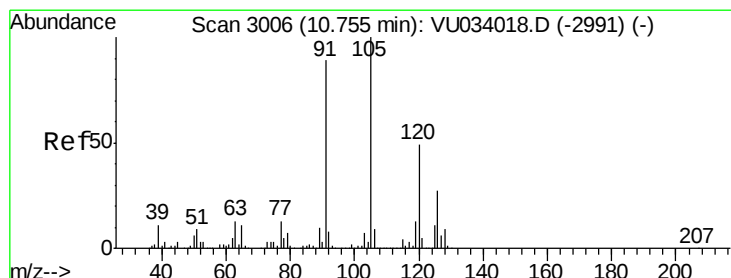
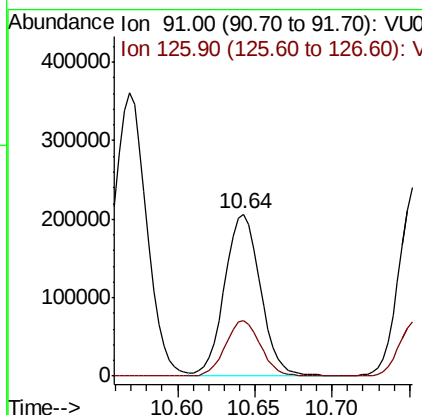
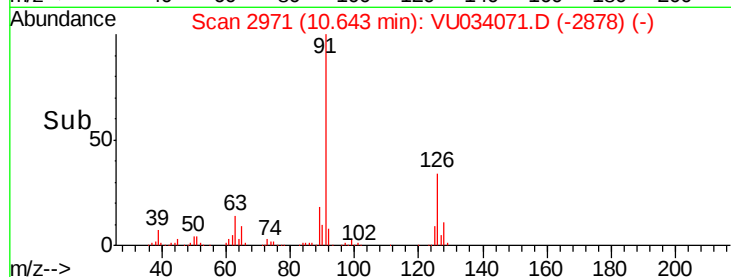
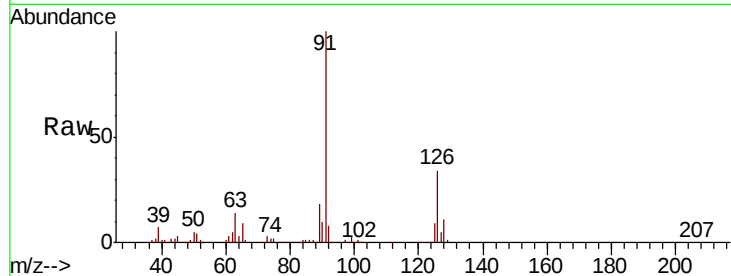




#79
 2-Chlorotoluene
 Concen: 20.434 ug/l
 RT: 10.64 min Scan# 2971
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

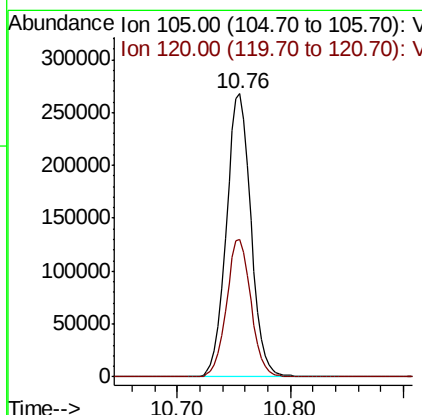
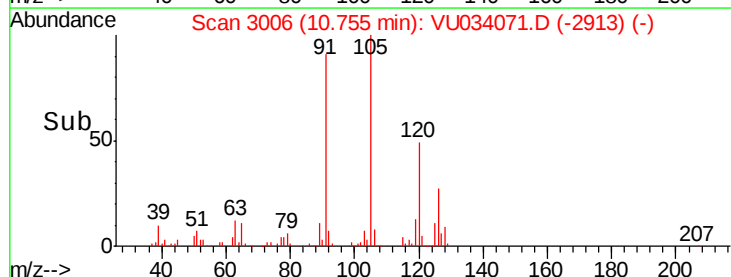
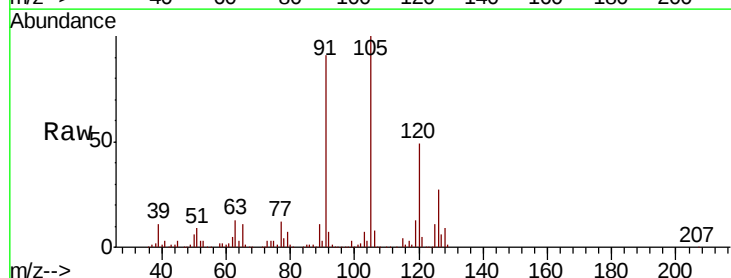
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

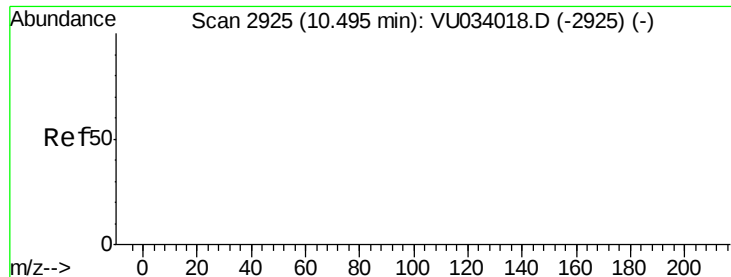
Tgt Ion: 91 Resp: 329878
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.715 ug/l
 RT: 10.76 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion: 105 Resp: 405745
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.6 73.6

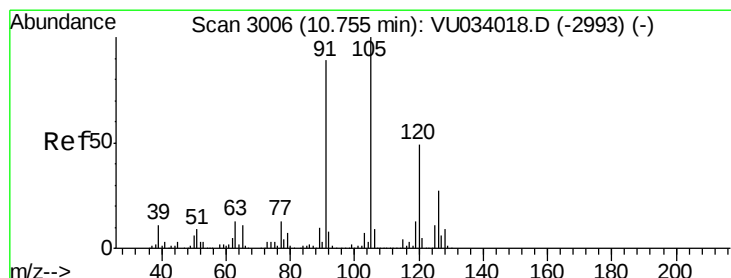
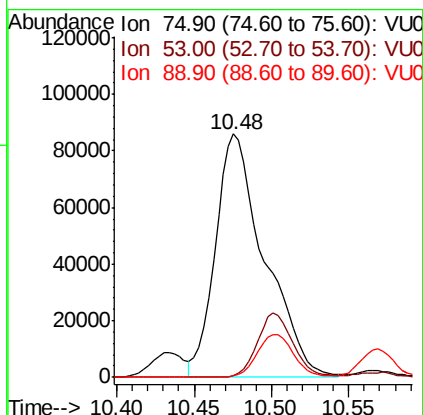
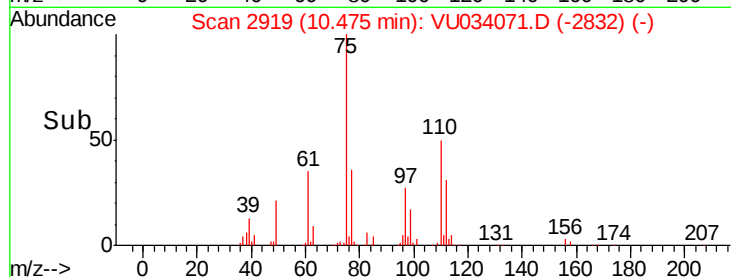
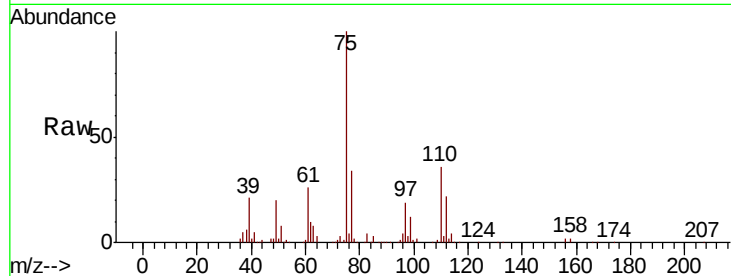




#81
trans-1,4-Dichloro-2-butene
Concen: 81.713 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

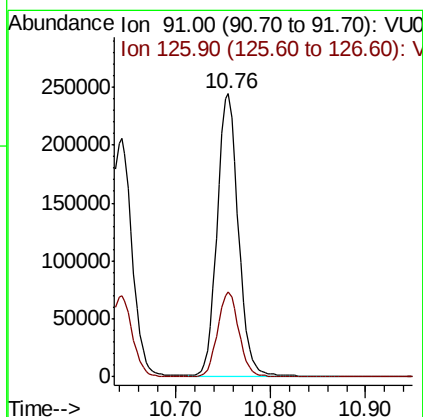
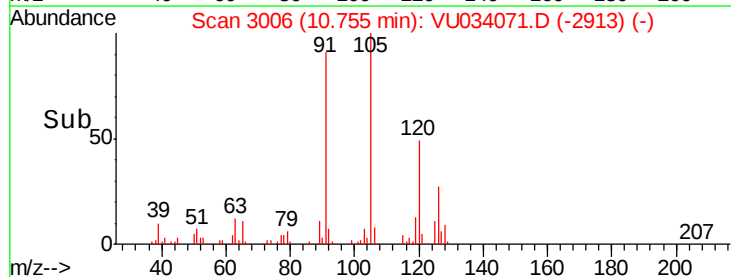
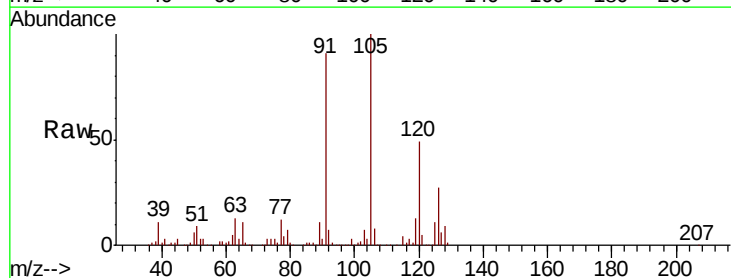
Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

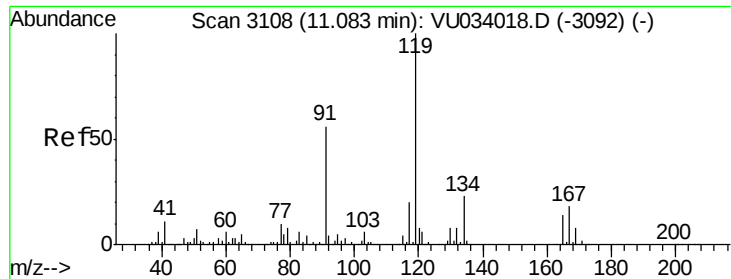
Tgt Ion: 75 Resp: 188178
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.420 ug/l
RT: 10.76 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion: 91 Resp: 379118
Ion Ratio Lower Upper
91 100
126 30.2 15.0 45.1

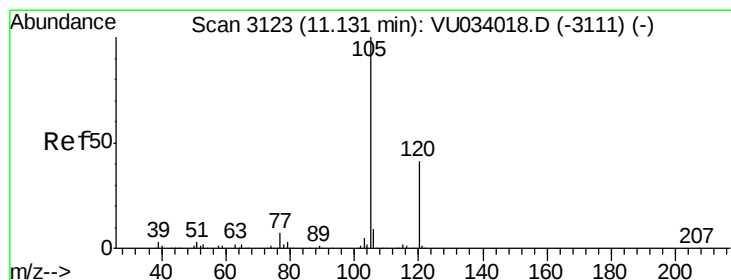
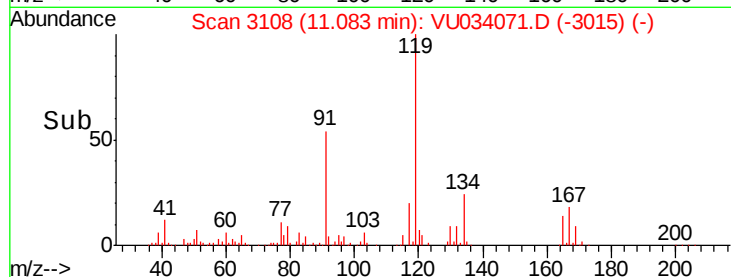
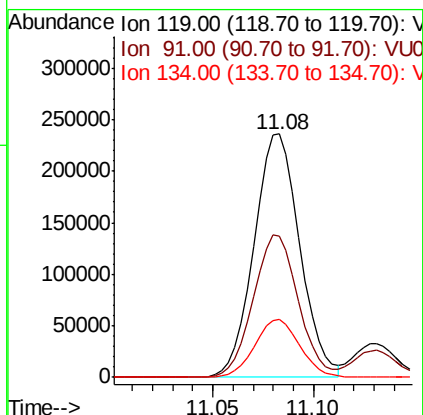
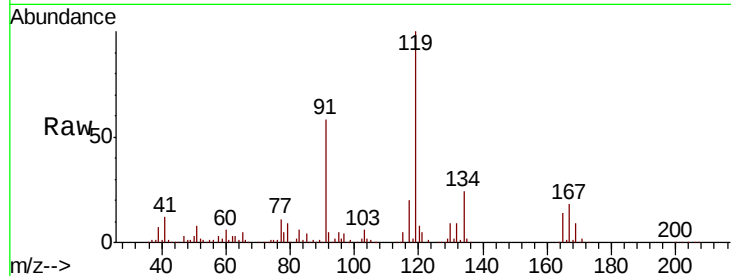




#83
 tert-Butylbenzene
 Concen: 19.443 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

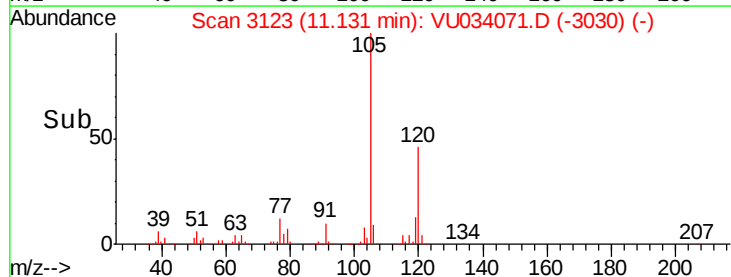
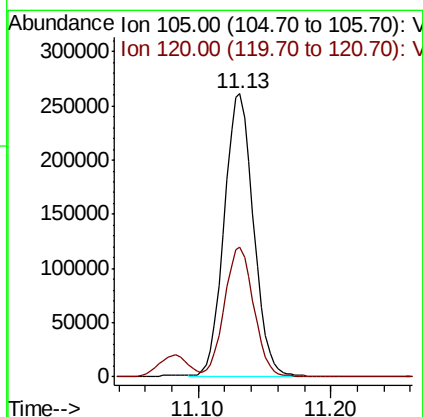
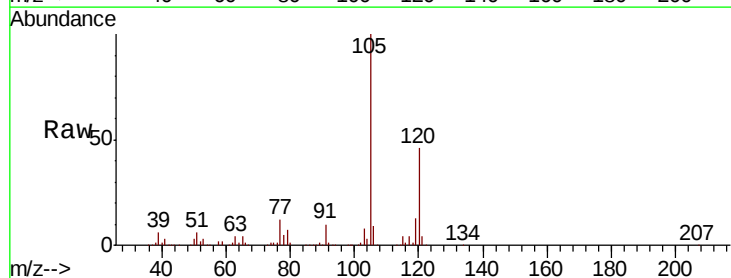
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

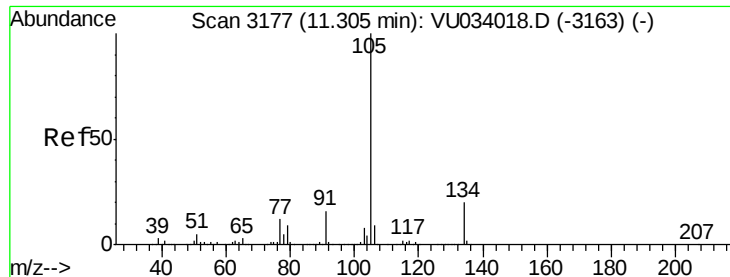
Tgt Ion:119 Resp: 374915
 Ion Ratio Lower Upper
 119 100
 91 57.3 27.9 83.6
 134 23.3 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 20.587 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion:105 Resp: 400410
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.6 67.8

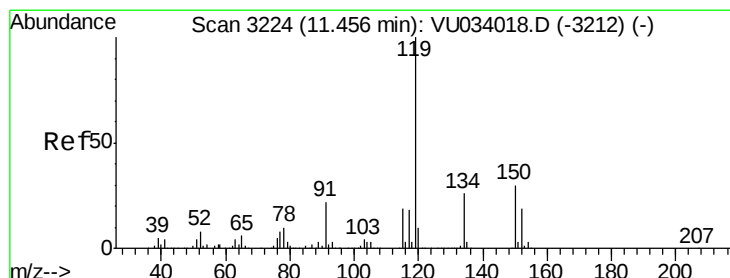
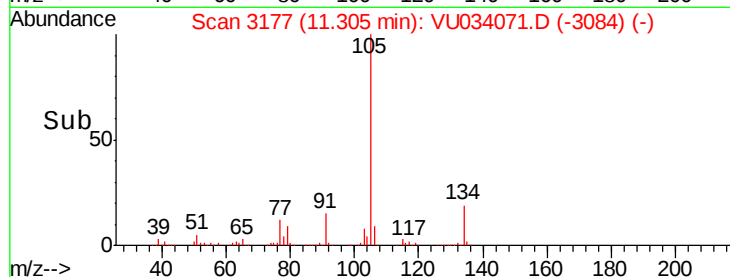
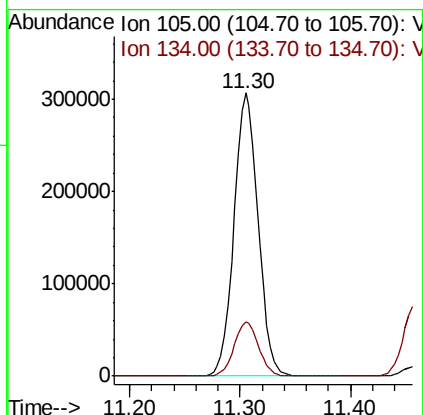
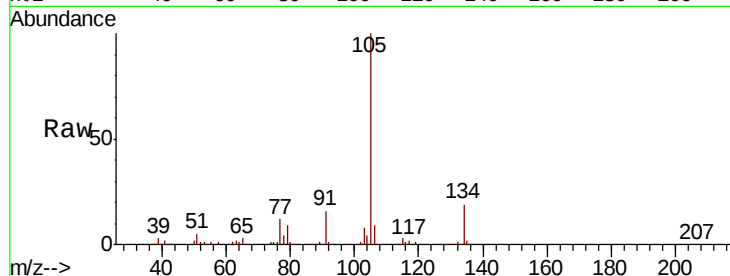




#85
 sec-Butylbenzene
 Concen: 19.984 ug/l
 RT: 11.30 min Scan# 3177
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

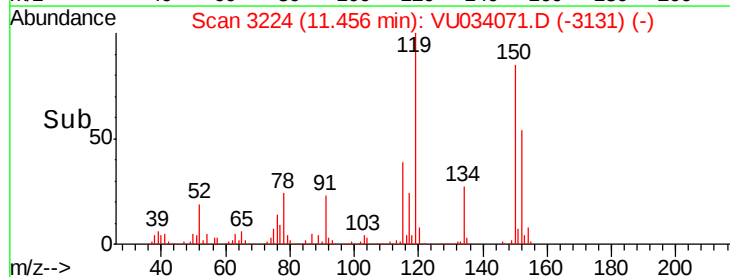
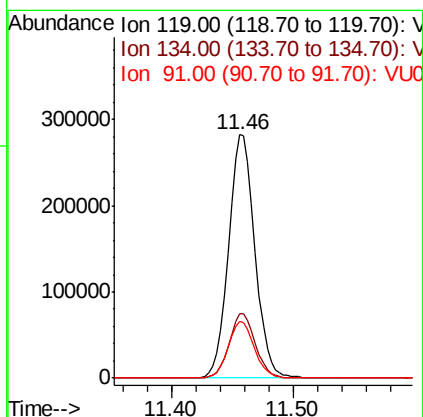
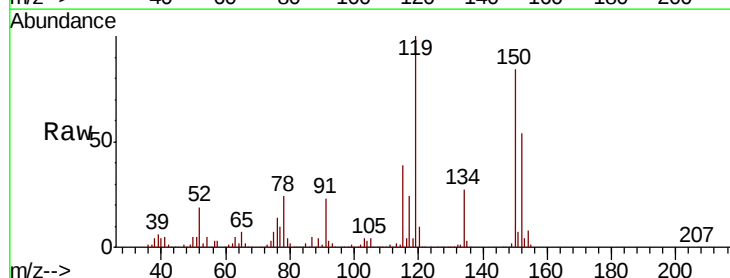
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

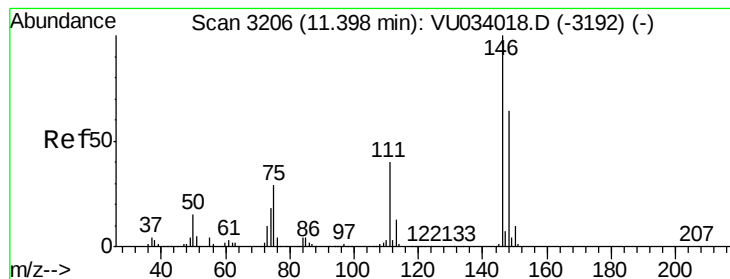
Tgt Ion:105 Resp: 461838
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.291 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion:119 Resp: 424111
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 20.204 ug/l

RT: 11.40 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBSD01

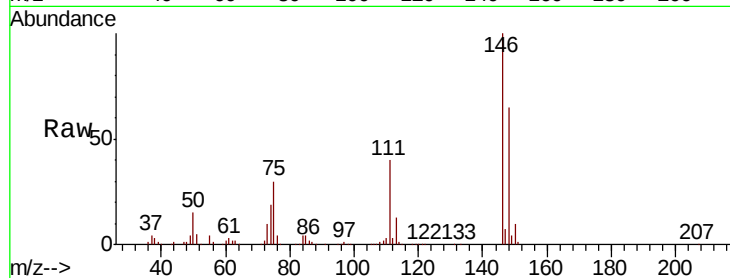
Tgt Ion:146 Resp: 222359

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.6

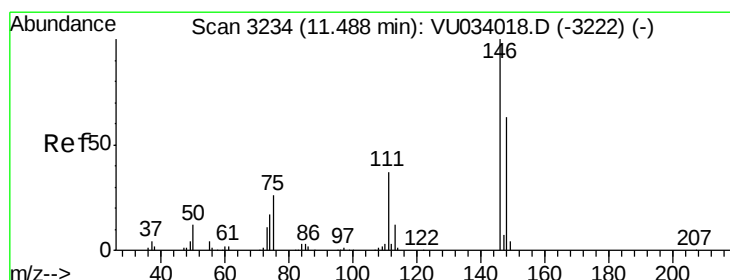
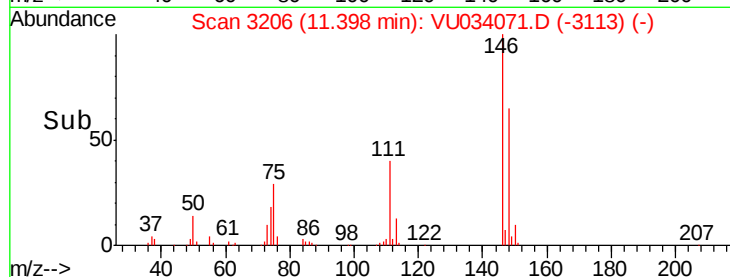
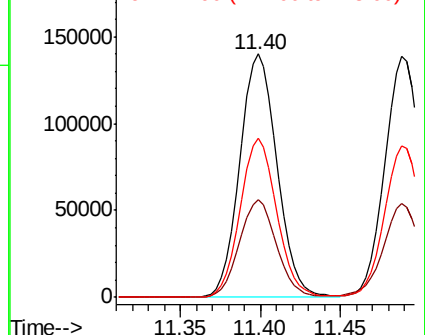
148 64.1 31.9 95.5



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: 20.093 ug/l

RT: 11.49 min Scan# 3234

Delta R.T. -0.00 min

Lab File: VU034071.D

Acq: 29 Aug 2019 18:46

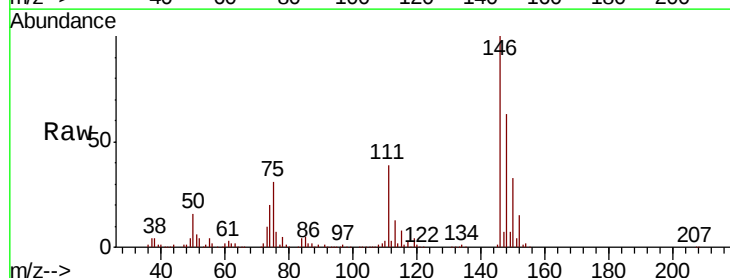
Tgt Ion:146 Resp: 223639

Ion Ratio Lower Upper

146 100

111 39.4 19.2 57.6

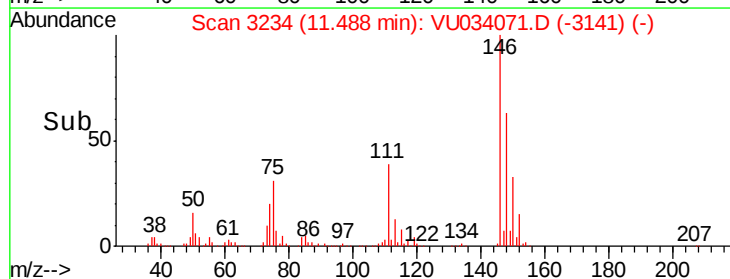
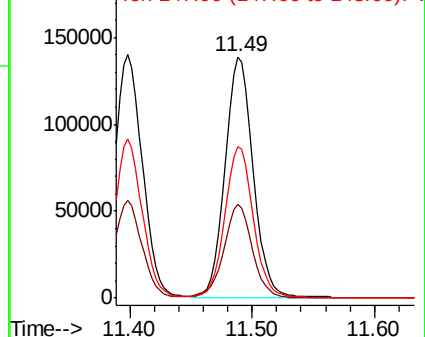
148 64.0 31.9 95.9

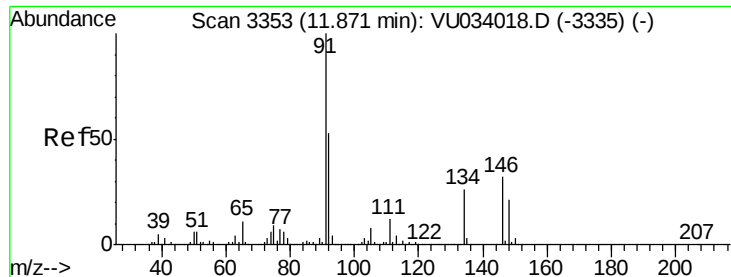


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

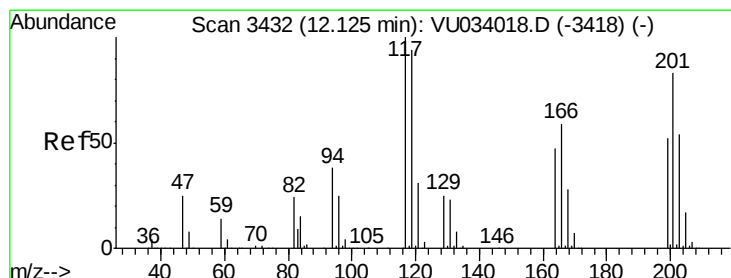
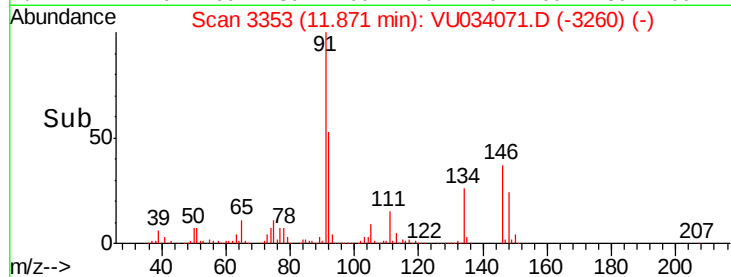
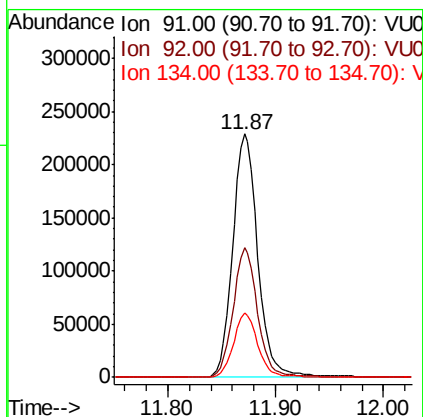
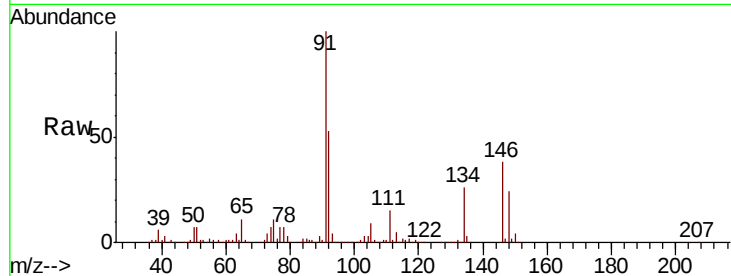




#89
n-Butylbenzene
Concen: 20.132 ug/l
RT: 11.87 min Scan# 3353
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

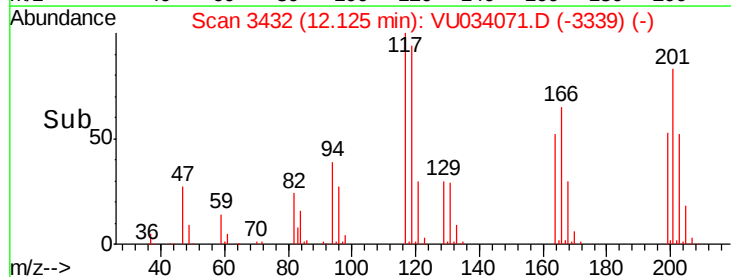
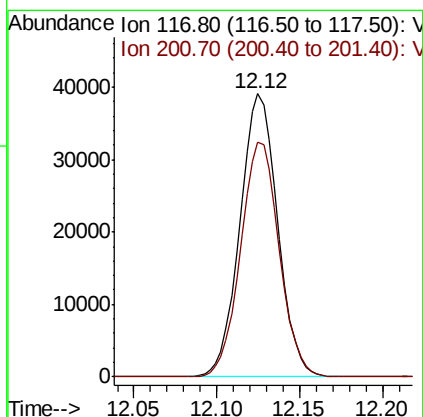
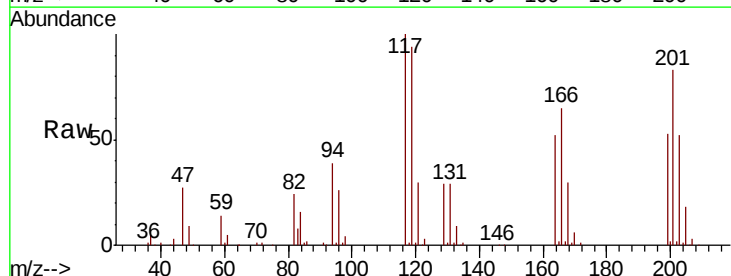
Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

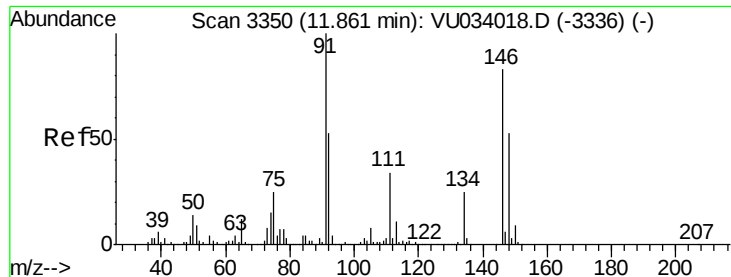
Tgt Ion: 91 Resp: 370990
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 17.078 ug/l
RT: 12.12 min Scan# 3432
Delta R.T. -0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion: 117 Resp: 61718
Ion Ratio Lower Upper
117 100
201 84.9 42.5 127.6

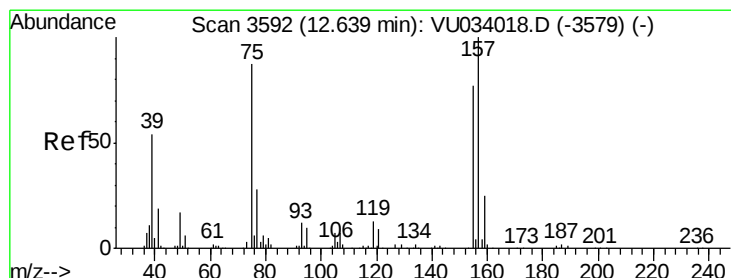
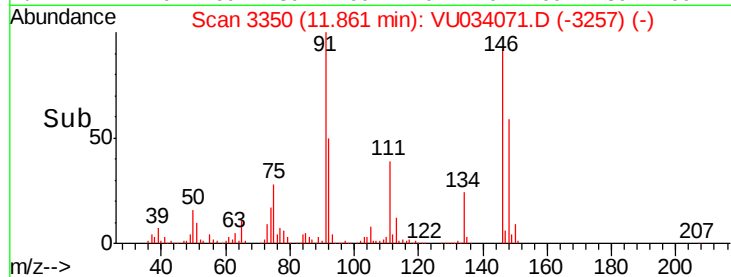
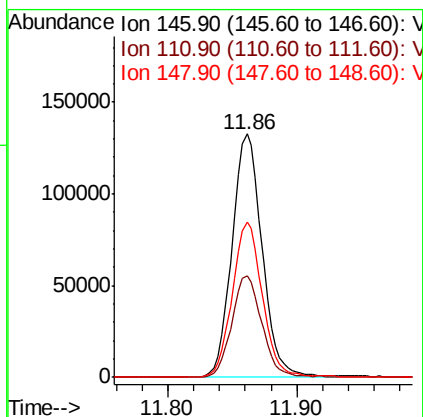
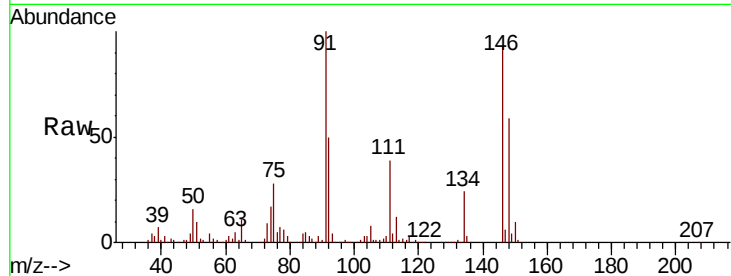




#91
 1,2-Dichlorobenzene
 Concen: 20.441 ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

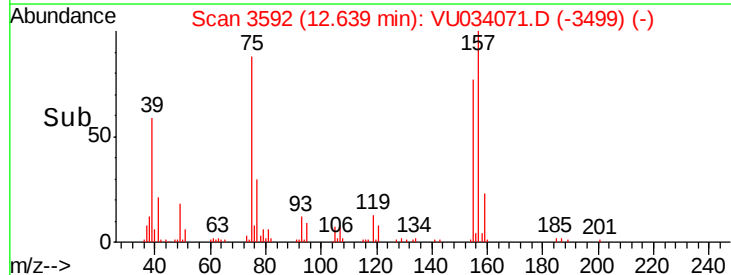
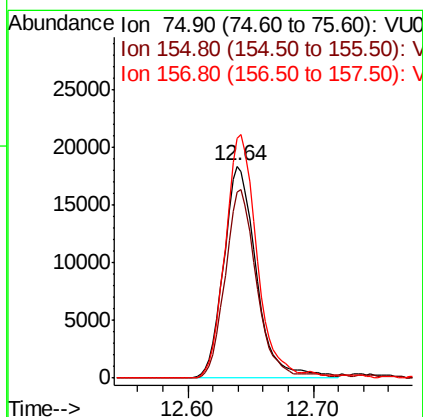
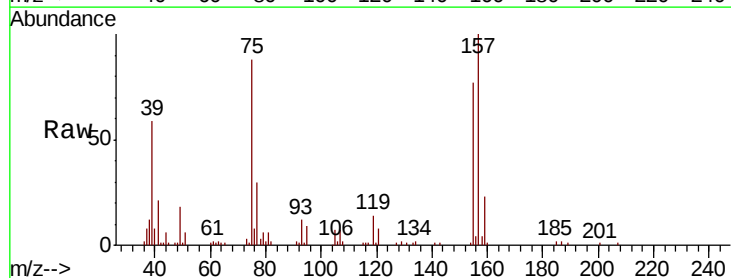
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.2
148	63.4	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.875 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	43.5	130.7
157	112.2	56.9	170.6

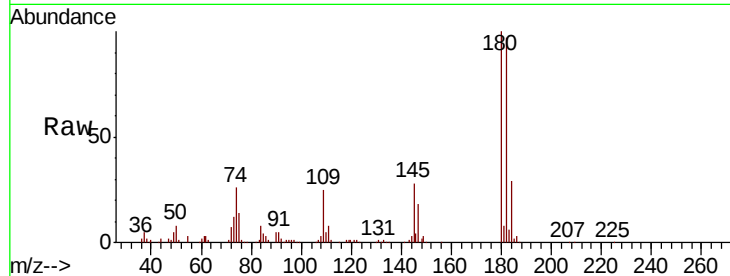




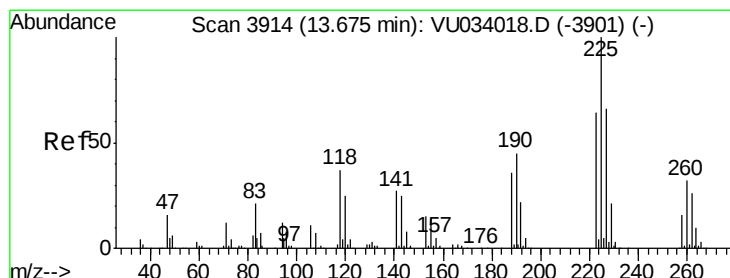
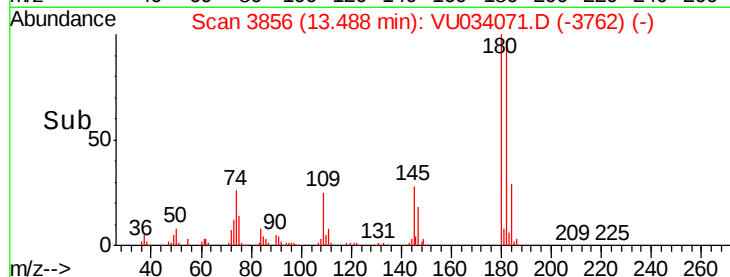
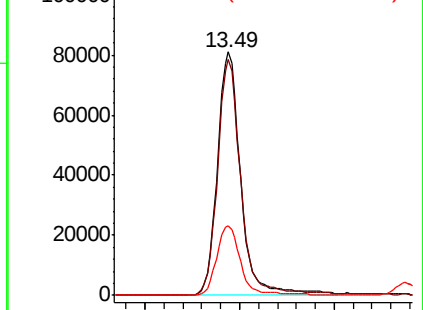
#93
 1,2,4-Trichlorobenzene
 Concen: 19.293 ug/l
 RT: 13.49 min Scan# 3856
 Delta R.T. 0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBSD01

Tgt Ion:180 Resp: 139433
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.4 142.2
 145 28.7 14.1 42.3

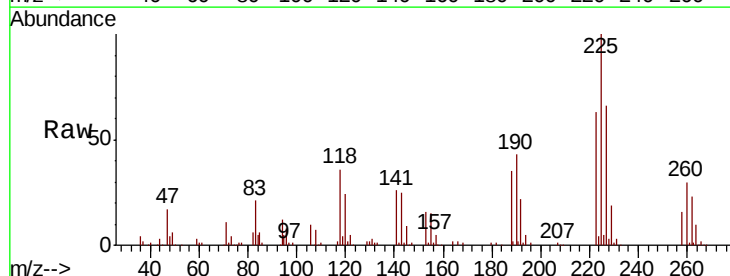


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

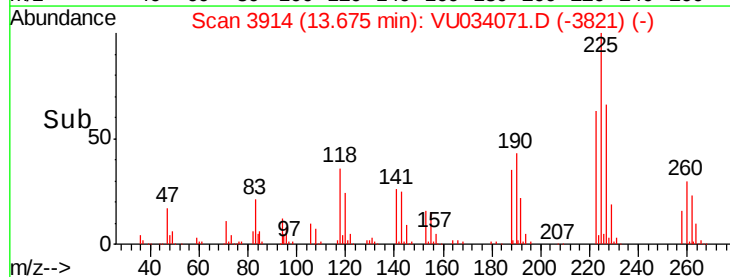
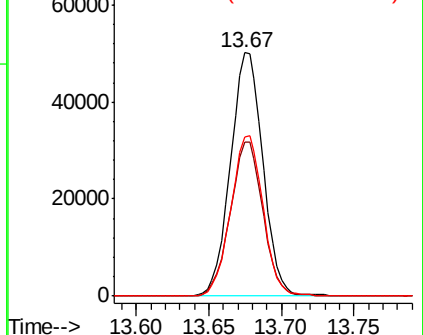


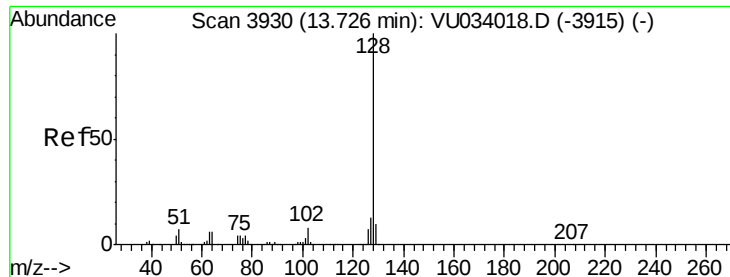
#94
 Hexachlorobutadiene
 Concen: 18.860 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. -0.00 min
 Lab File: VU034071.D
 Acq: 29 Aug 2019 18:46

Tgt Ion:225 Resp: 77785
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.8 95.3
 227 65.6 32.6 97.8



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

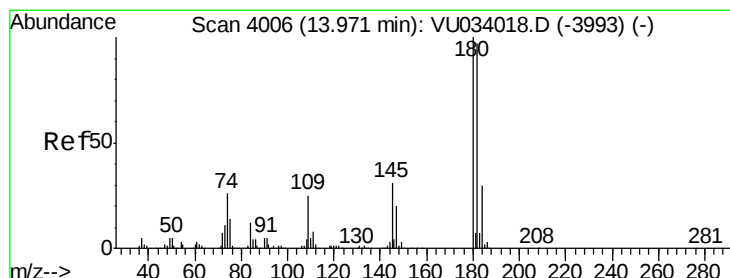
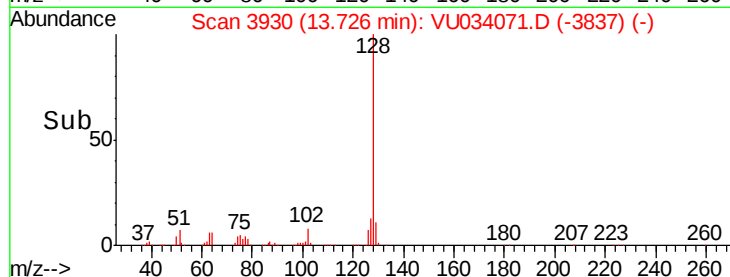
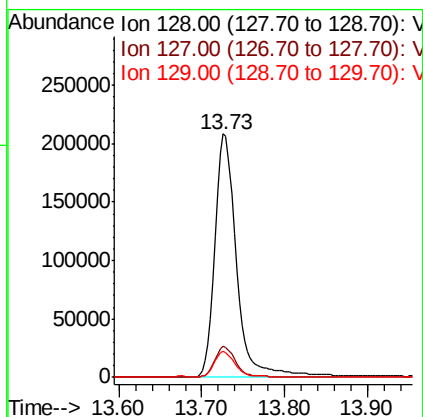
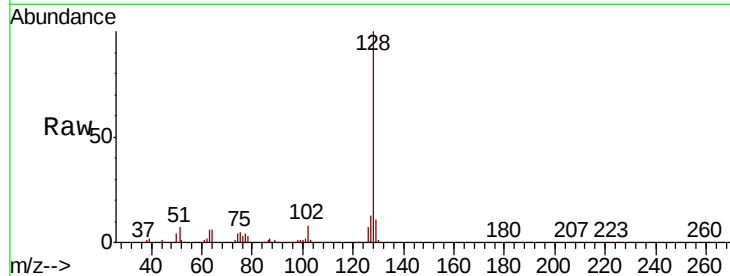




#95
Naphthalene
Concen: 18.856 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU0830WBSD01

Tgt Ion:128 Resp: 380101
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.3 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.907 ug/l
RT: 13.97 min Scan# 4007
Delta R.T. 0.00 min
Lab File: VU034071.D
Acq: 29 Aug 2019 18:46

Tgt Ion:180 Resp: 141197
Ion Ratio Lower Upper
180 100
182 95.4 48.2 144.6
145 30.4 15.5 46.5

