

Data File : VU034289.D
Acq On : 05 Sep 2019 17:28
Operator : JC/SP
Sample : VU0906WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

Quant Time: Sep 06 07:37:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	322415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	482411	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	469851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	306628	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	247161	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	4.86	113	214289	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	7.55	98	849559	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	10.29	95	313216	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	61460	18.227	ug/l	97
3) Chloromethane	1.32	50	73735	20.189	ug/l	99
4) Vinyl Chloride	1.40	62	77513	18.447	ug/l	98
5) Bromomethane	1.62	94	46887	19.381	ug/l	99
6) Chloroethane	1.69	64	48788	19.363	ug/l	97
7) Trichlorofluoromethane	1.88	101	105985	18.812	ug/l	98
8) Diethyl Ether	2.09	74	47189	19.041	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	70192	18.810	ug/l	100
10) Methyl Iodide	2.40	142	38442	14.240	ug/l	97
11) Tert butyl alcohol	2.81	59	99643	96.685	ug/l	100
12) 1,1-Dichloroethene	2.27	96	67517	19.247	ug/l	95
13) Acrolein	2.18	56	68381	78.943	ug/l	98
14) Allyl chloride	2.58	41	112690	16.803	ug/l	91
15) Acrylonitrile	2.92	53	259031	100.931	ug/l	98
16) Acetone	2.31	43	222233	88.032	ug/l	100
17) Carbon Disulfide	2.47	76	138779	17.603	ug/l	100
18) Methyl Acetate	2.60	43	116129	18.905	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	255869	20.012	ug/l	100
20) Methylene Chloride	2.69	84	85935	20.548	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	70227	18.998	ug/l	99
22) Diisopropyl ether	3.55	45	265744	20.319	ug/l	94
23) Vinyl Acetate	3.50	43	1080512	101.426	ug/l	100
24) 1,1-Dichloroethane	3.43	63	148472	19.010	ug/l	99
25) 2-Butanone	4.24	43	338754	100.526	ug/l	99
26) 2,2-Dichloropropane	4.20	77	118313	18.835	ug/l	100
27) cis-1,2-Dichloroethene	4.21	96	89308	19.892	ug/l	98
28) Bromochloromethane	4.52	49	68756	19.139	ug/l	99
29) Tetrahydrofuran	4.62	42	212330	103.547	ug/l	99
30) Chloroform	4.65	83	151132	19.037	ug/l	96
31) Cyclohexane	4.97	56	110855	19.401	ug/l	97
32) 1,1,1-Trichloroethane	4.89	97	122597	19.315	ug/l	99
36) 1,1-Dichloropropene	5.12	75	97529	18.642	ug/l	99
37) Ethyl Acetate	4.36	43	120325	19.452	ug/l	99
38) Carbon Tetrachloride	5.11	117	101569	18.182	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	106481	19.039	ug/l	98
40) Benzene	5.37	78	321057	19.018	ug/l	99
41) Methacrylonitrile	4.52	41	65150	19.773	ug/l	97
42) 1,2-Dichloroethane	5.38	62	110301	18.819	ug/l	99
43) Isopropyl Acetate	5.53	43	187090	19.388	ug/l	99
44) Trichloroethene	6.17	130	88437	18.931	ug/l	99
45) 1,2-Dichloropropane	6.41	63	93843	19.015	ug/l	96
46) Dibromomethane	6.54	93	57836	18.670	ug/l	99
47) Bromodichloromethane	6.74	83	116568	18.280	ug/l	99
48) Methyl methacrylate	6.60	41	85318	18.616	ug/l	98
49) 1,4-Dioxane	6.59	88	37663	376.330	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	651405	97.524	ug/l	100
52) Toluene	7.62	92	202579	19.129	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	123504	18.684	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	138393	19.076	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	90303	18.779	ug/l	97
56) Ethyl methacrylate	8.00	69	125723	19.226	ug/l	99
57) 1,3-Dichloropropane	8.22	76	148776	19.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	209535	95.755	ug/l	98
59) 2-Hexanone	8.34	43	488188	97.836	ug/l	99
60) Dibromochloromethane	8.46	129	96917	18.791	ug/l	99
61) 1,2-Dibromoethane	8.57	107	89990	19.120	ug/l	99
64) Tetrachloroethene	8.21	164	77391	18.986	ug/l	99
65) Chlorobenzene	9.10	112	231049	19.383	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	85017	18.688	ug/l	98
67) Ethyl Benzene	9.23	91	386136	19.812	ug/l	99
68) m/p-Xylenes	9.36	106	295830	40.307	ug/l	100
69) o-Xylene	9.76	106	144318	20.107	ug/l	100
70) Styrene	9.77	104	255081	20.270	ug/l	99
71) Bromoform	9.94	173	74806	18.974	ug/l #	100
73) Isopropylbenzene	10.15	105	396126	19.851	ug/l	99
74) N-amyl acetate	10.00	43	158894	19.782	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	151654	18.776	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	163597	24.442	ug/l	87
77) Bromobenzene	10.43	156	107777	19.316	ug/l	99
78) n-propylbenzene	10.57	91	457698	19.861	ug/l	100
79) 2-Chlorotoluene	10.64	91	276838	19.688	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	342458	20.520	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	163597	82.198	ug/l #	100
82) 4-Chlorotoluene	10.75	91	322012	19.900	ug/l	99
83) tert-Butylbenzene	11.08	119	328502	19.676	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	342400	20.382	ug/l	99
85) sec-Butylbenzene	11.31	105	399308	20.259	ug/l	100
86) p-Isopropyltoluene	11.46	119	369242	20.297	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	195580	19.209	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	196506	18.504	ug/l	98
89) n-Butylbenzene	11.87	91	315262	19.942	ug/l	99
90) Hexachloroethane	12.12	117	52254	17.954	ug/l	97
91) 1,2-Dichlorobenzene	11.86	146	188287	18.817	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.64	75	28664	19.312	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Quantitation Report (Not Reviewed)

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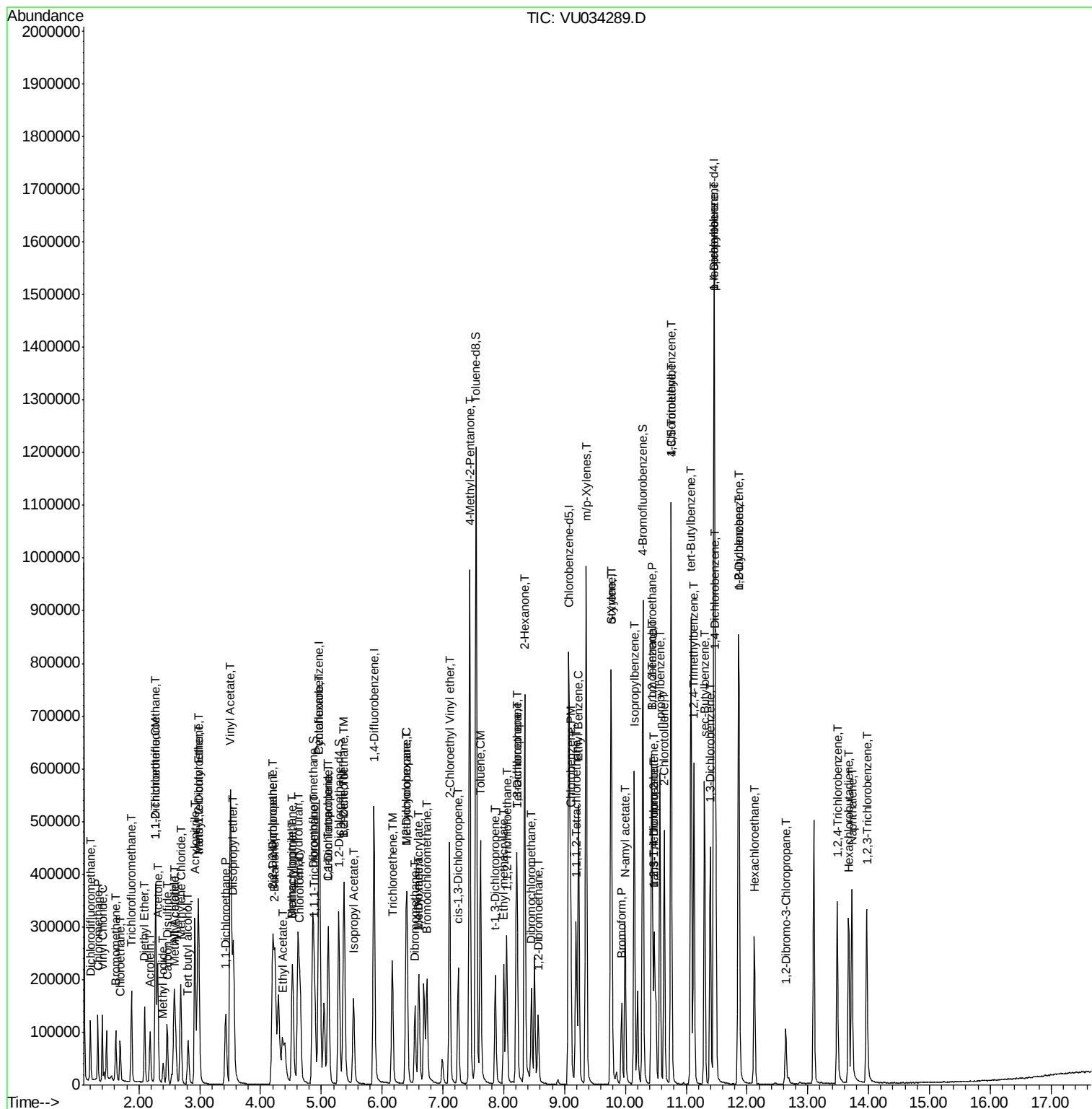
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	124707	19.450	ug/l	99
94) Hexachlorobutadiene	13.67	225	65851	18.814	ug/l	97
95) Naphthalene	13.73	128	333575	18.994	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	124141	19.414	ug/l	97

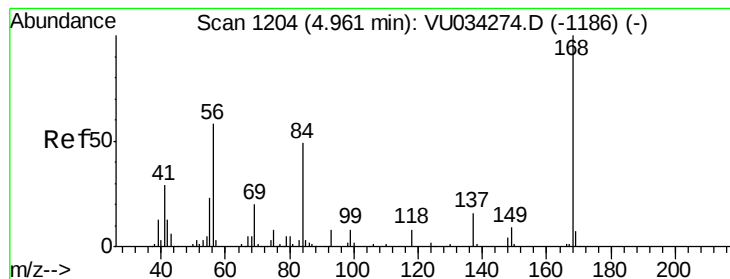
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

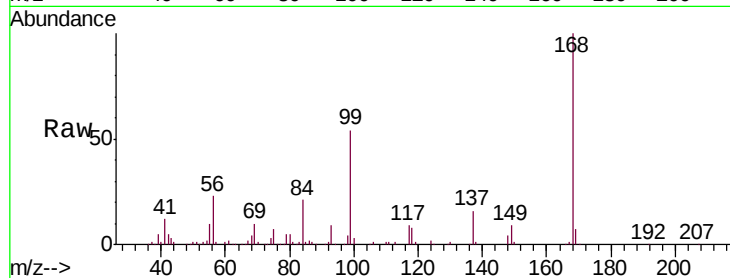
VU0906WBS02

Tgt Ion:168 Resp: 322415

Ion Ratio Lower Upper

168 100

99 53.0 41.6 62.4



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

Ion 98.90 (98.60 to 99.60): VU034289.D (-1111) (-)

4.96

150000

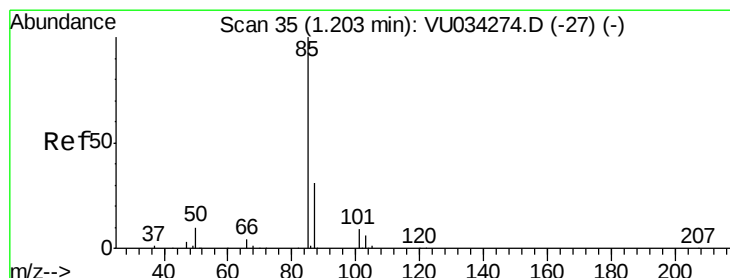
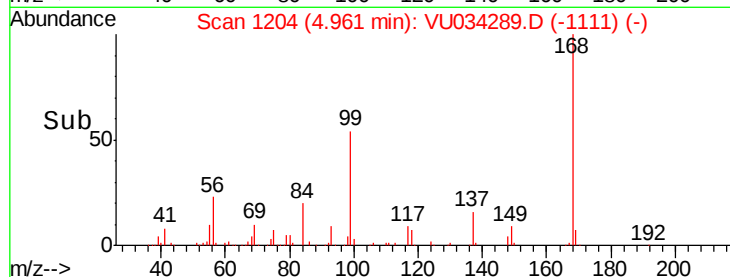
100000

50000

0

4.90 5.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.227 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034289.D

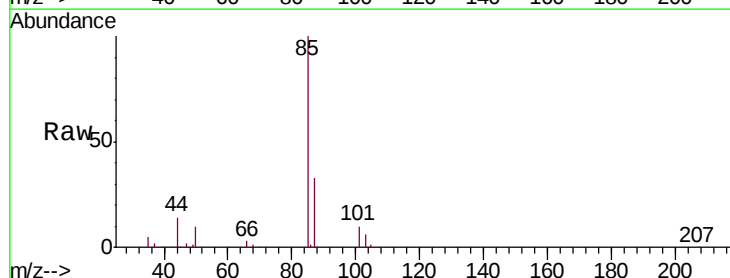
Acq: 05 Sep 2019 17:28

Tgt Ion: 85 Resp: 61460

Ion Ratio Lower Upper

85 100

87 32.8 15.7 47.0



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

Ion 86.90 (86.60 to 87.60): VU034289.D (-1) (-)

1.20

60000

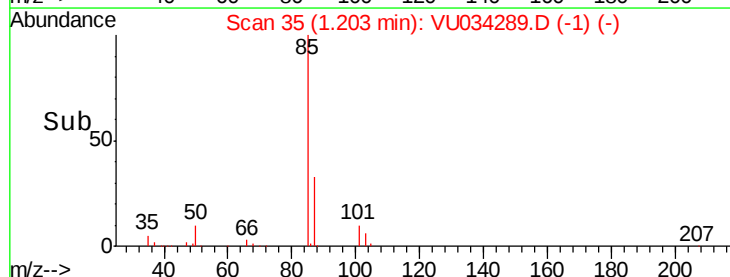
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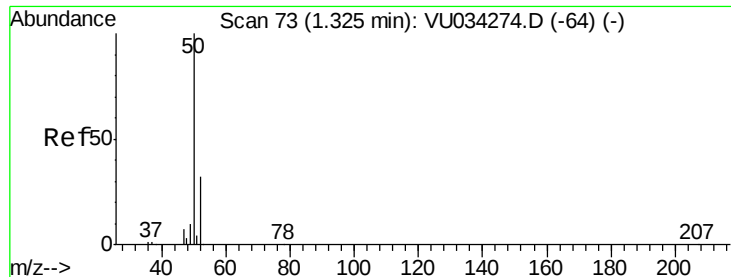
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.189 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

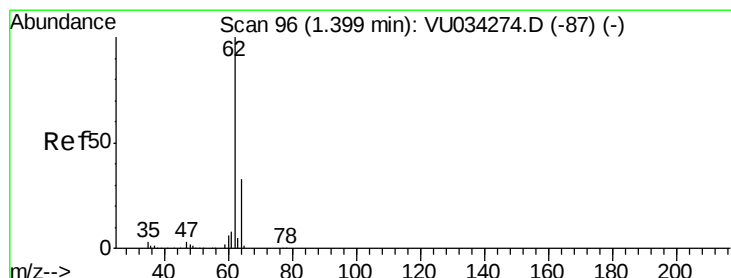
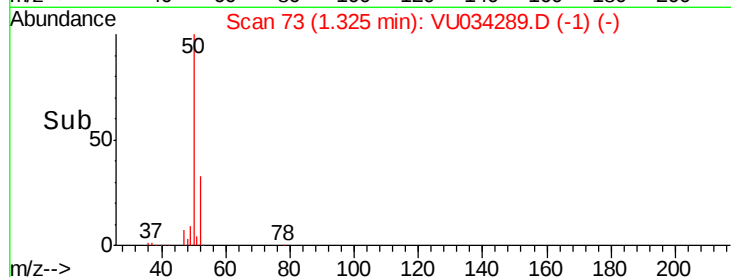
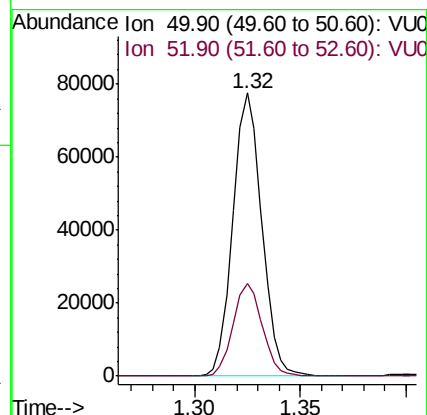
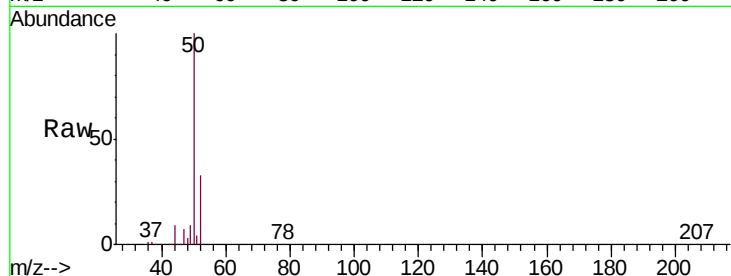
VU0906WBS02

Tgt Ion: 50 Resp: 73735

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 18.447 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034289.D

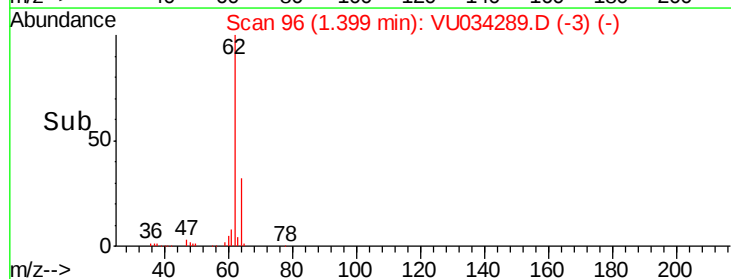
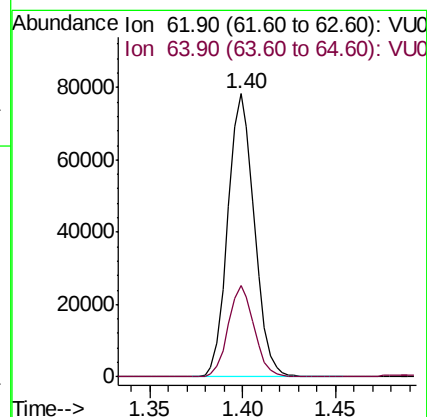
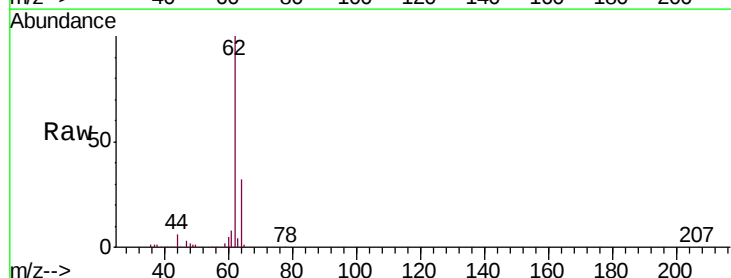
Acq: 05 Sep 2019 17:28

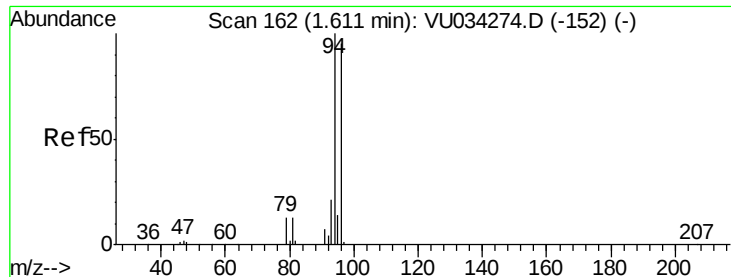
Tgt Ion: 62 Resp: 77513

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.4





#5

Bromomethane

Concen: 19.381 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

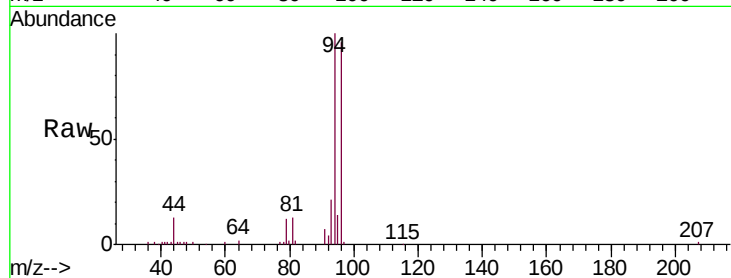
VU0906WBS02

Tgt Ion: 94 Resp: 46887

Ion Ratio Lower Upper

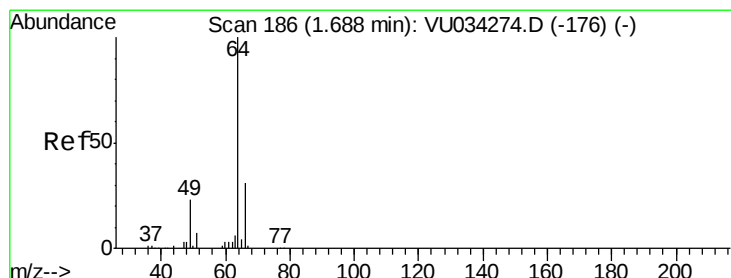
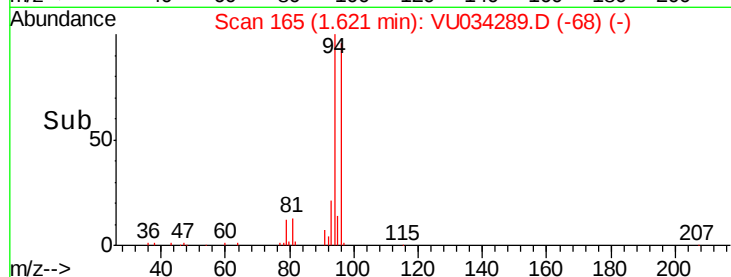
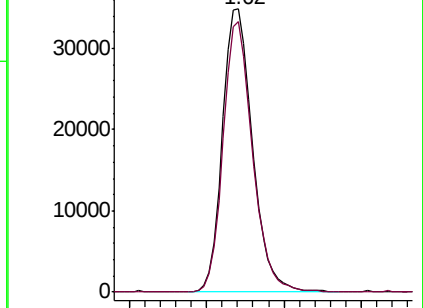
94 100

96 95.8 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034289.D (-162) (-)

Ion 95.90 (95.60 to 96.60): VU034289.D (-162) (-)



#6

Chloroethane

Concen: 19.363 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU034289.D

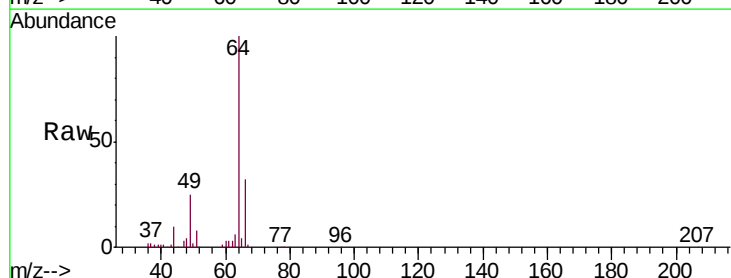
Acq: 05 Sep 2019 17:28

Tgt Ion: 64 Resp: 48788

Ion Ratio Lower Upper

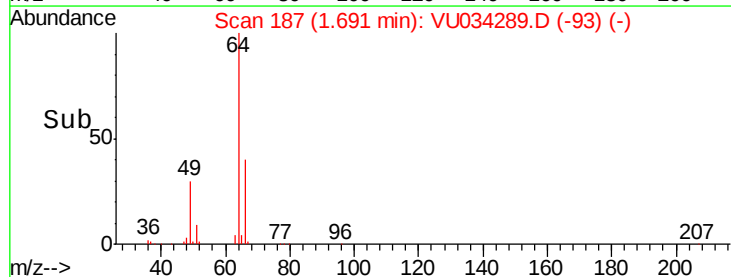
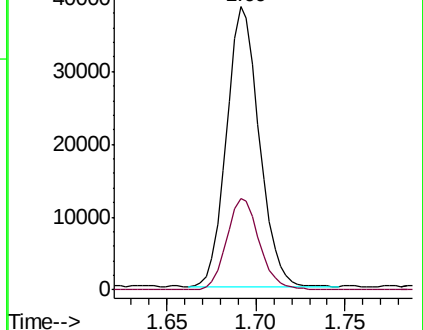
64 100

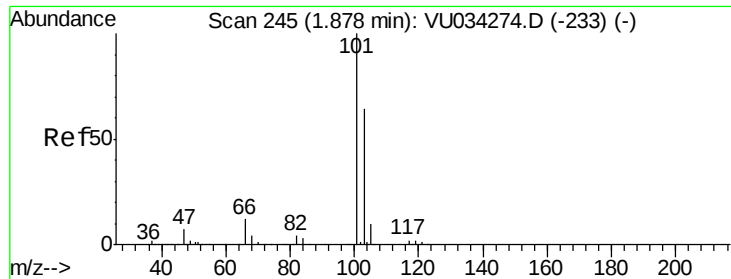
66 32.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034289.D (-186) (-)

Ion 65.90 (65.60 to 66.60): VU034289.D (-186) (-)



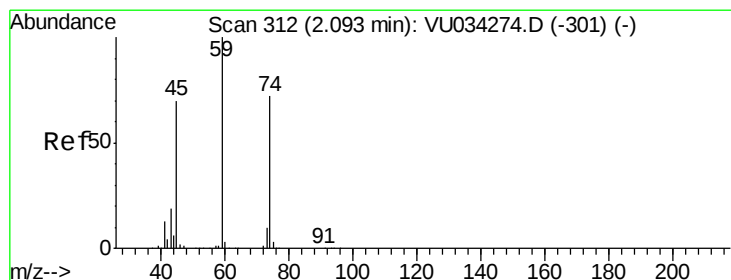
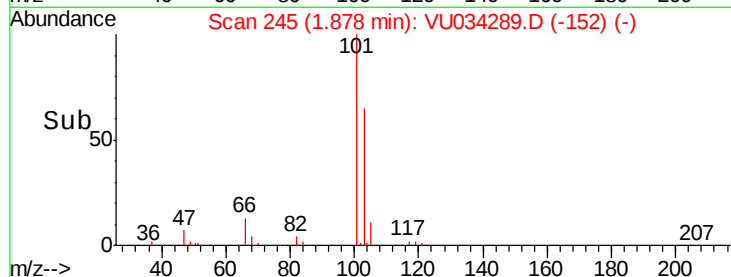
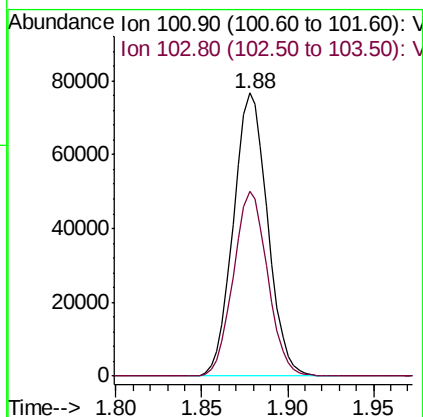
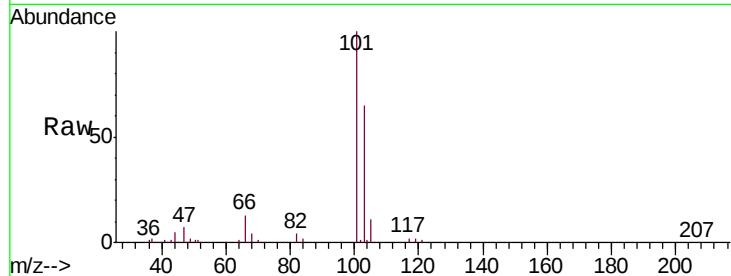


#7

Trichlorofluoromethane
 Concen: 18.812 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU034289.D
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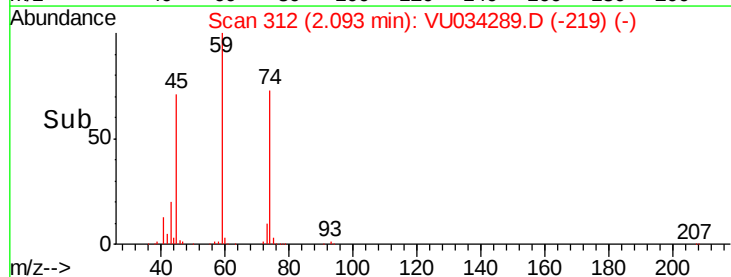
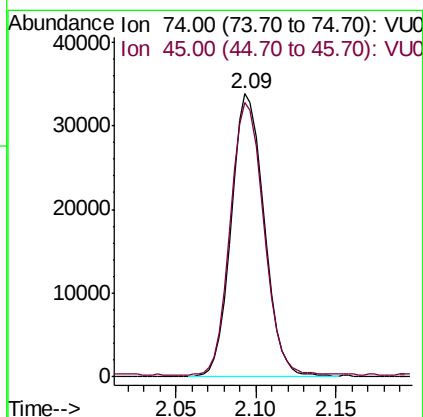
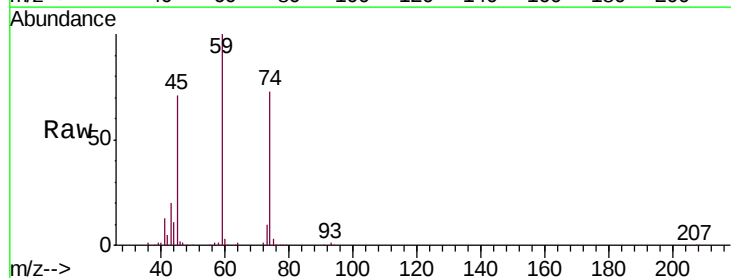
Tgt Ion:101 Resp: 105985
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.0 76.6

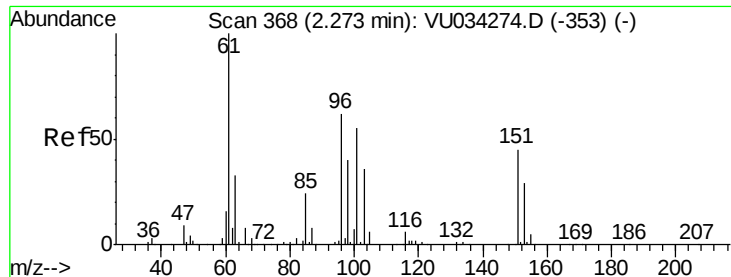


#8

Diethyl Ether
 Concen: 19.041 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 74 Resp: 47189
 Ion Ratio Lower Upper
 74 100
 45 97.2 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.810 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034289.D

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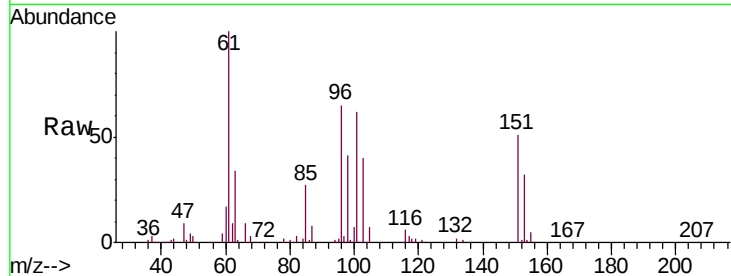
Tgt Ion:101 Resp: 70192

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

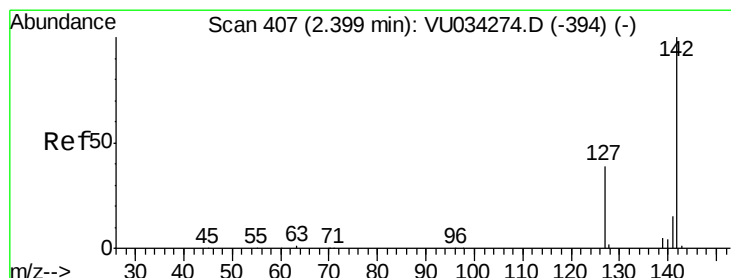
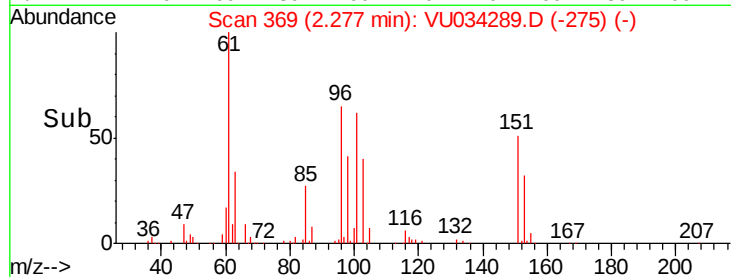
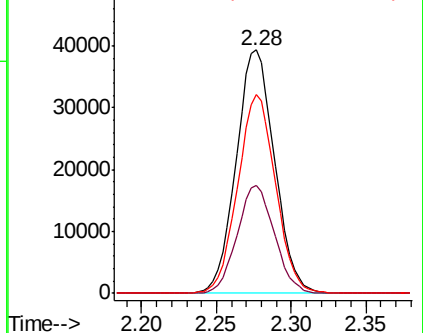
151 80.7 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.240 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

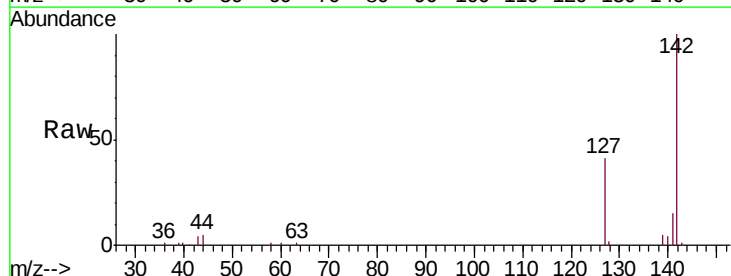
Tgt Ion:142 Resp: 38442

Ion Ratio Lower Upper

142 100

127 42.5 32.1 48.1

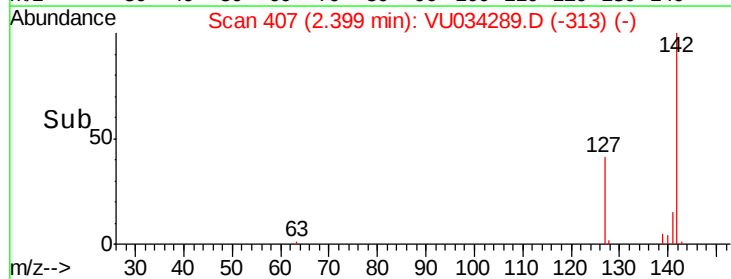
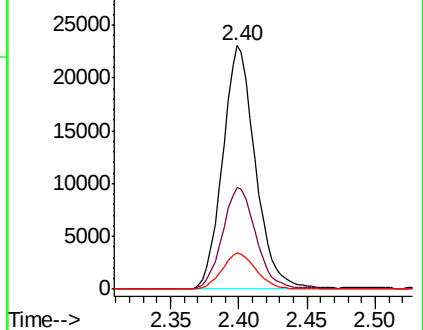
141 15.1 11.5 17.3

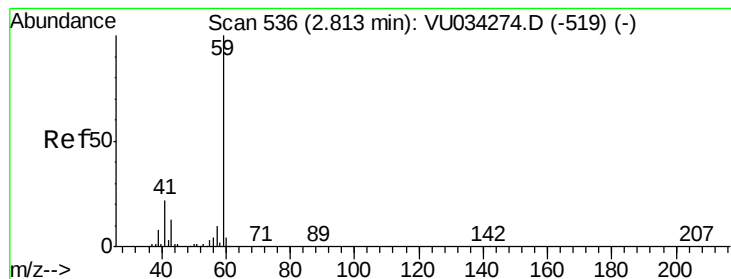


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.685 ug/l

RT: 2.81 min Scan# 534

Delta R.T. -0.01 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

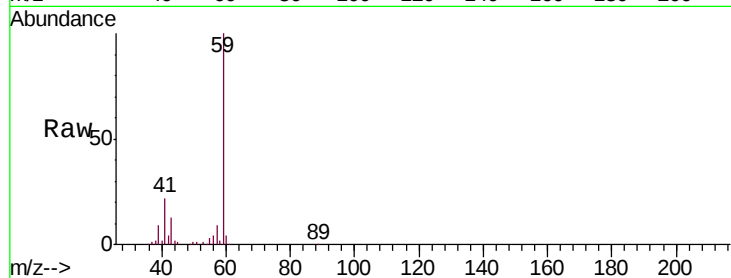
VU0906WBS02

Tgt Ion: 59 Resp: 99643

Ion Ratio Lower Upper

59 100

57 10.1 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VU034274.D (-519) (-)

Ion 57.00 (56.70 to 57.70): VU034274.D (-519) (-)

2.81

50000

40000

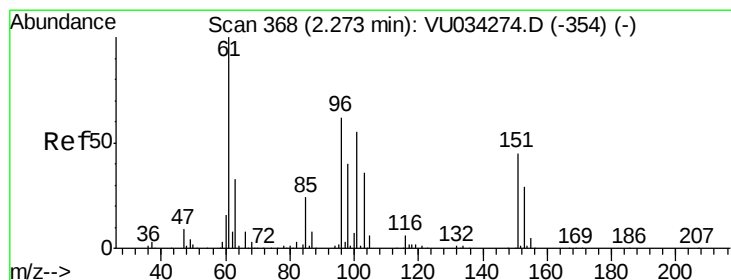
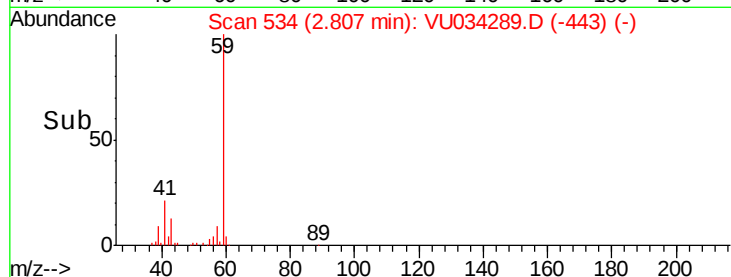
30000

20000

10000

0

Time--> 2.70 2.80 2.90



#12

1,1-Dichloroethene

Concen: 19.247 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

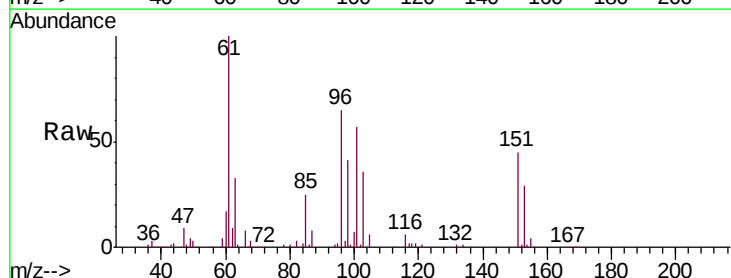
Tgt Ion: 96 Resp: 67517

Ion Ratio Lower Upper

96 100

61 154.7 130.0 195.0

98 64.1 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VU034274.D (-354) (-)

Ion 60.90 (60.60 to 61.60): VU034274.D (-354) (-)

Ion 97.90 (97.60 to 98.60): VU034274.D (-354) (-)

80000

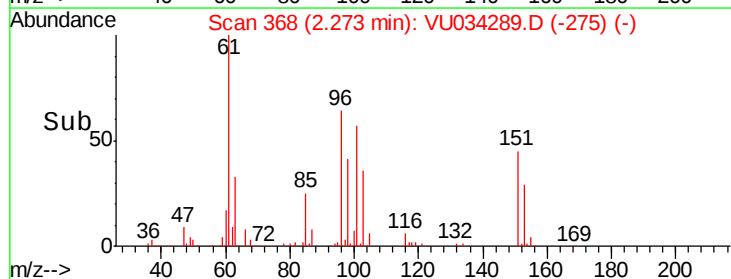
60000

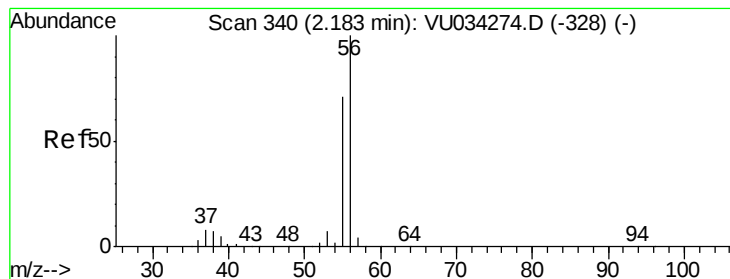
40000

20000

0

Time--> 2.20 2.25 2.30





#13

Acrolein

Concen: 78.943 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

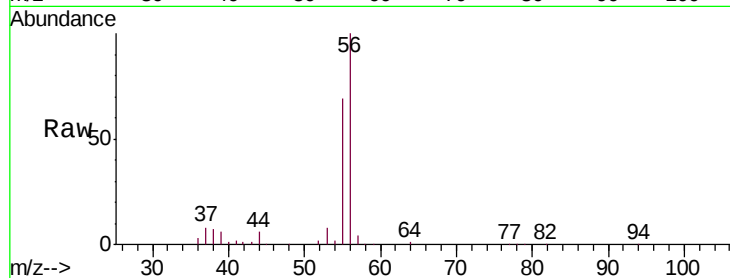
VU0906WBS02

Tgt Ion: 56 Resp: 68381

Ion Ratio Lower Upper

56 100

55 70.3 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-328) (-)

Ion 55.00 (54.70 to 55.70): VU034274.D (-328) (-)

2.18

50000

40000

30000

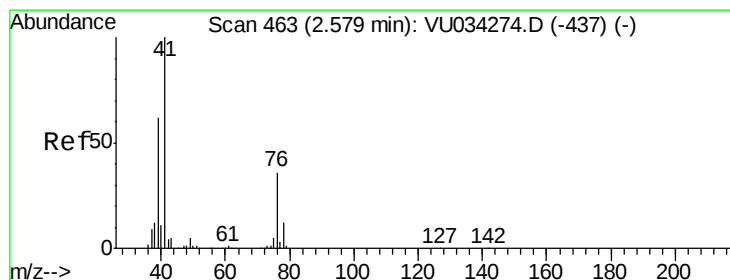
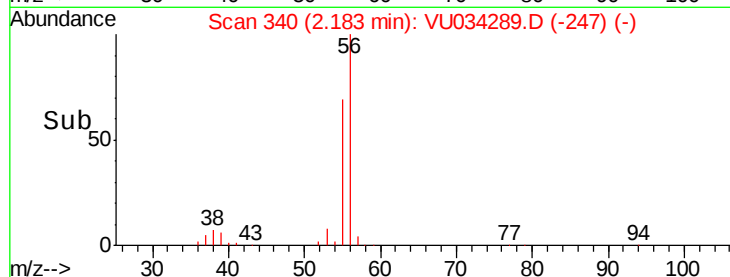
20000

10000

0

Time-->

2.10 2.15 2.20 2.25



#14

Allyl chloride

Concen: 16.803 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

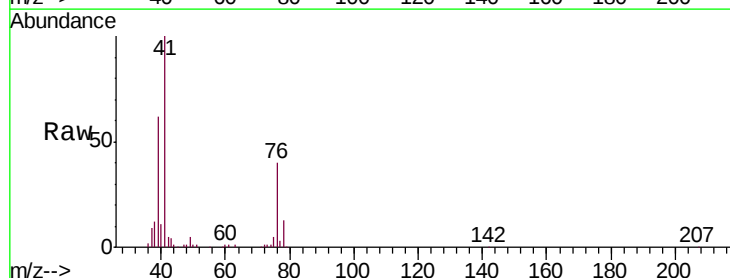
Tgt Ion: 41 Resp: 112690

Ion Ratio Lower Upper

41 100

39 61.8 43.5 65.3

76 37.2 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-437) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-437) (-)

Ion 75.90 (75.60 to 76.60): VU034274.D (-437) (-)

2.58

80000

60000

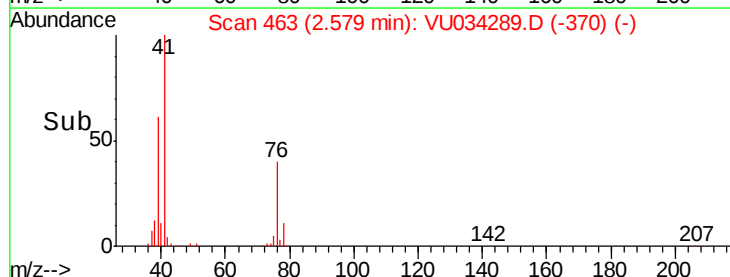
40000

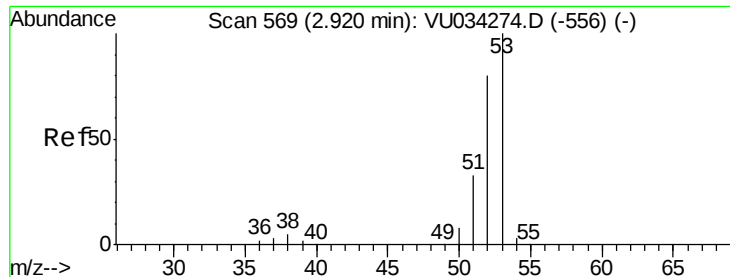
20000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 100.931 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBS02

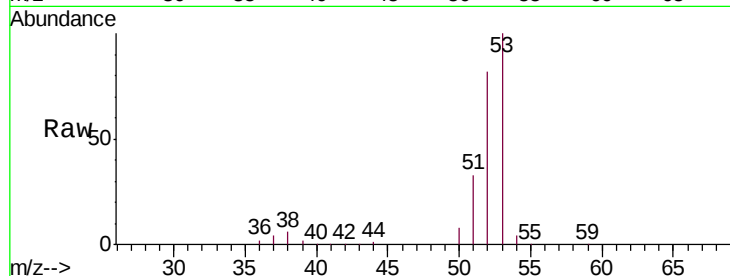
Tgt Ion: 53 Resp: 259031

Ion Ratio Lower Upper

53 100

52 82.3 64.1 96.1

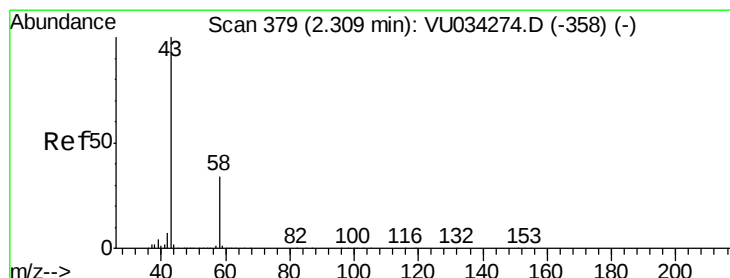
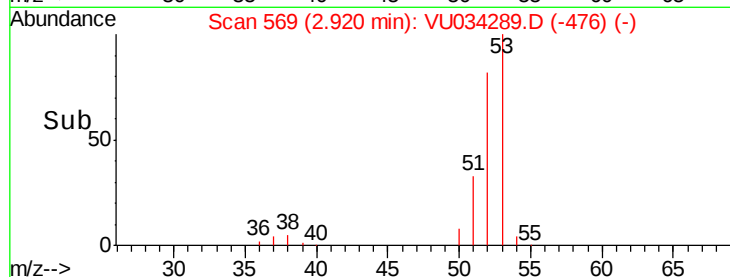
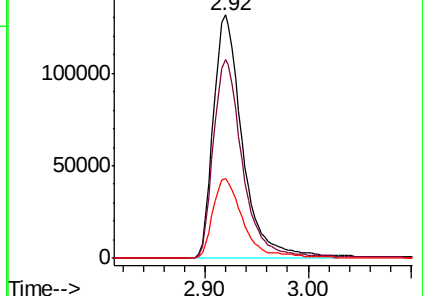
51 34.7 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 88.032 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034289.D

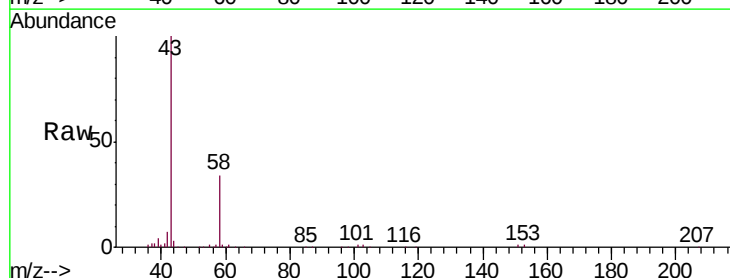
Acq: 05 Sep 2019 17:28

Tgt Ion: 43 Resp: 222233

Ion Ratio Lower Upper

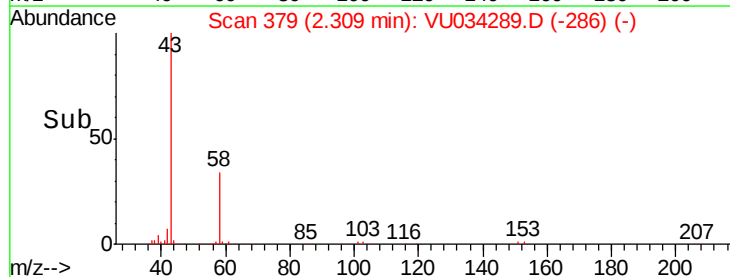
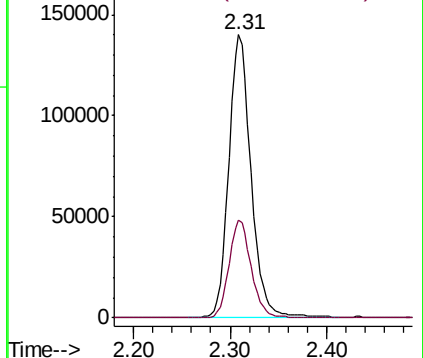
43 100

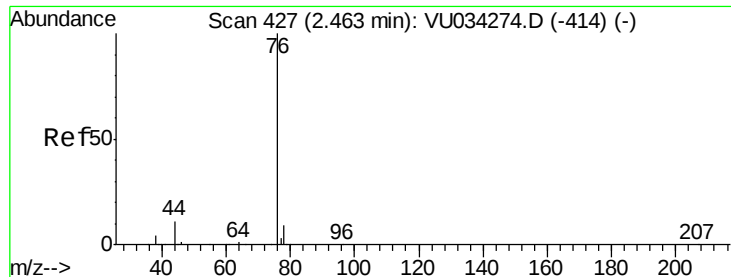
58 34.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

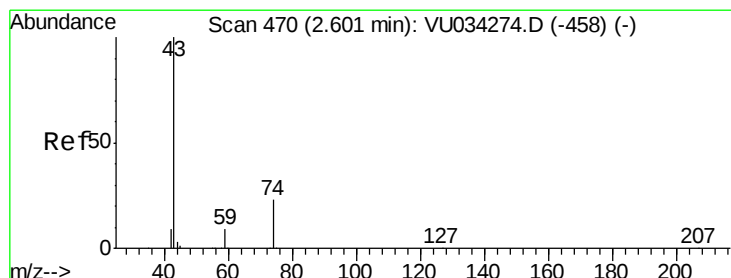
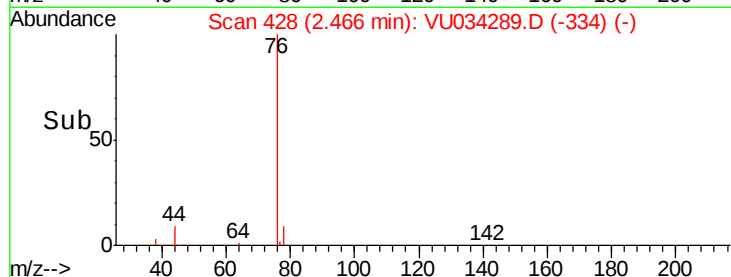
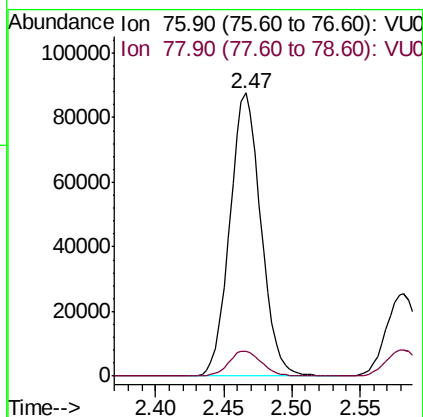
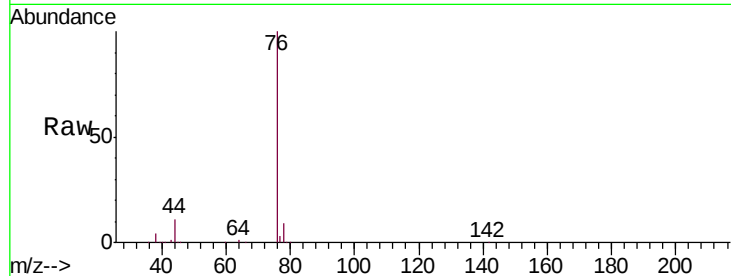




#17
Carbon Disulfide
Concen: 17.603 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

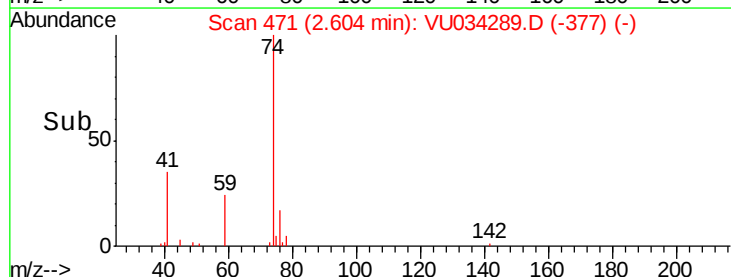
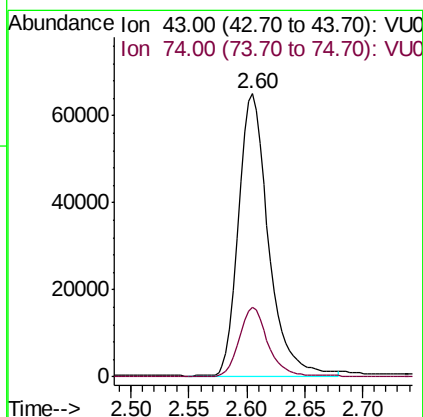
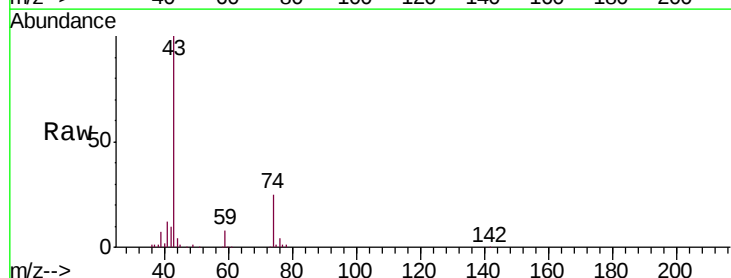
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

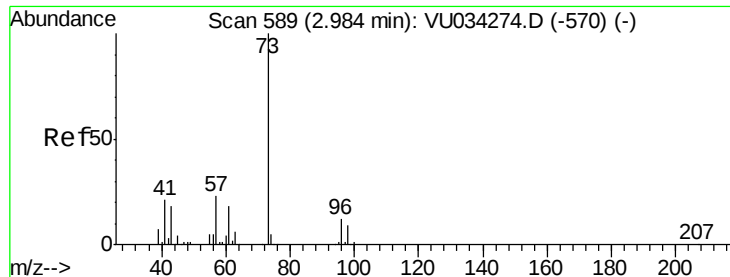
Tgt Ion: 76 Resp: 138779
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 18.905 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion: 43 Resp: 116129
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3

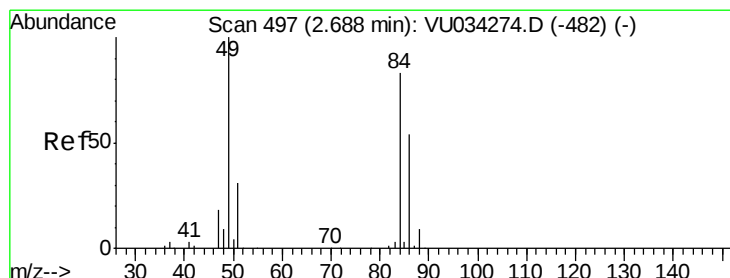
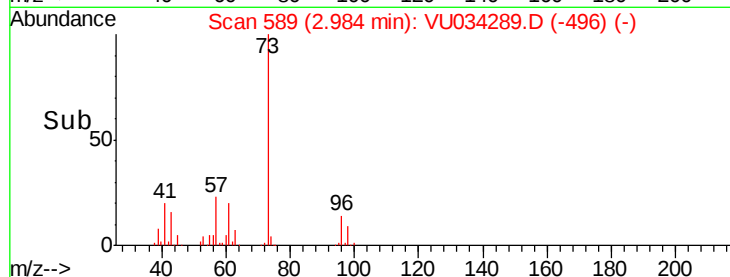
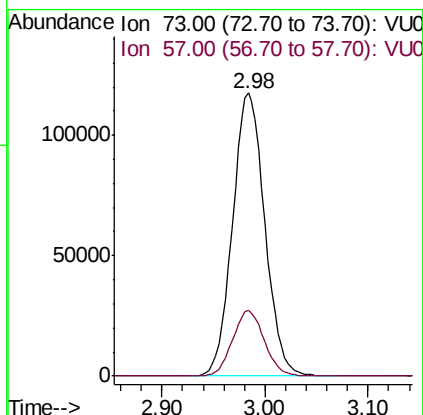
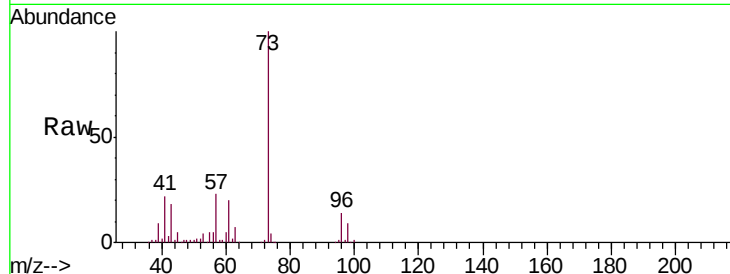




#19
Methyl tert-butyl Ether
Concen: 20.012 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

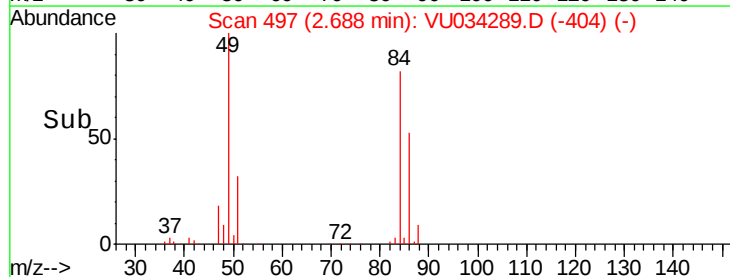
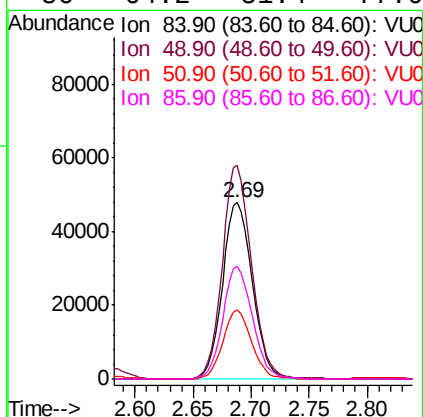
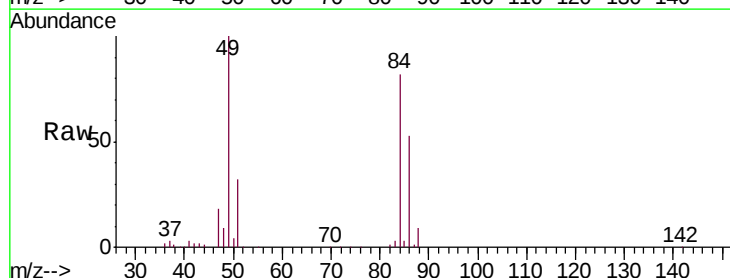
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

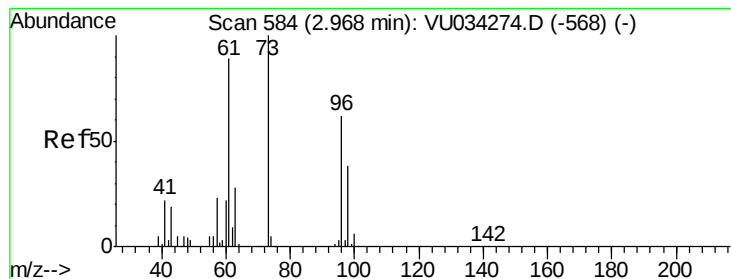
Tgt Ion: 73 Resp: 255869
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.4



#20
Methylene Chloride
Concen: 20.548 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion: 84 Resp: 85935
Ion Ratio Lower Upper
84 100
49 121.3 96.0 144.0
51 39.2 30.0 45.0
86 64.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.998 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBS02

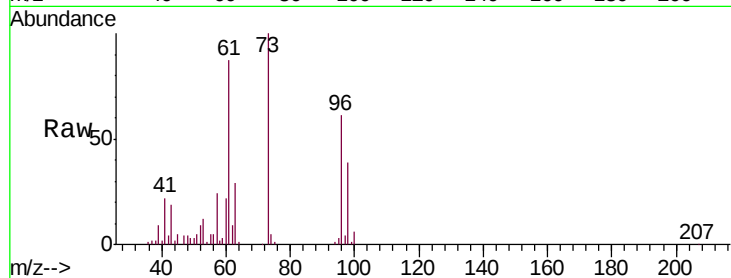
Tgt Ion: 96 Resp: 70227

Ion Ratio Lower Upper

96 100

61 143.2 114.8 172.2

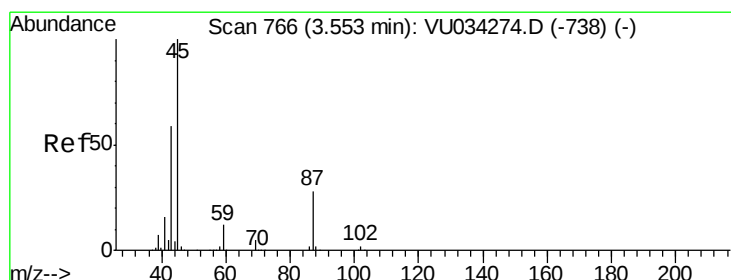
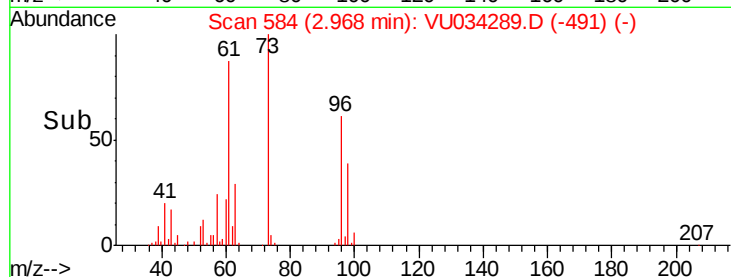
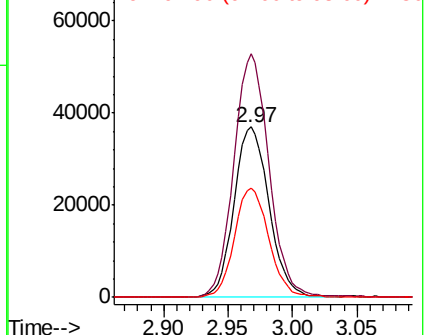
98 63.9 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034289.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034289.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034289.D (-491) (-)



#22

Diisopropyl ether

Concen: 20.319 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Tgt Ion: 45 Resp: 265744

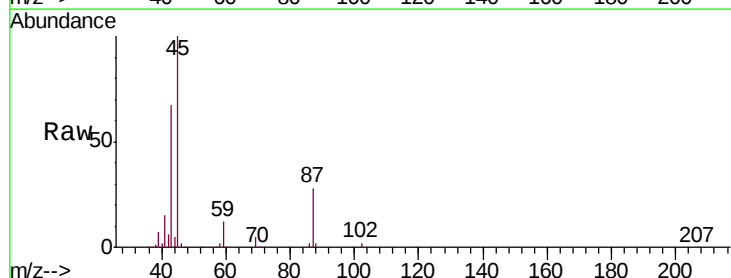
Ion Ratio Lower Upper

45 100

43 66.2 47.5 71.3

87 28.3 22.2 33.4

59 12.3 9.4 14.2

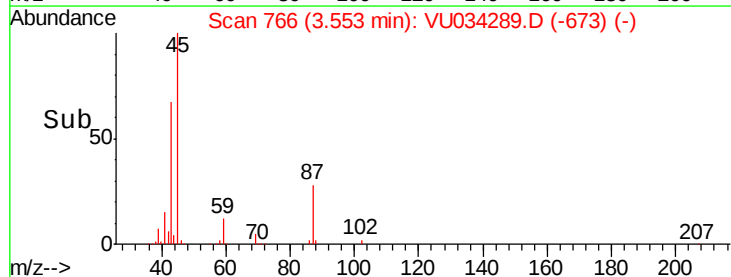
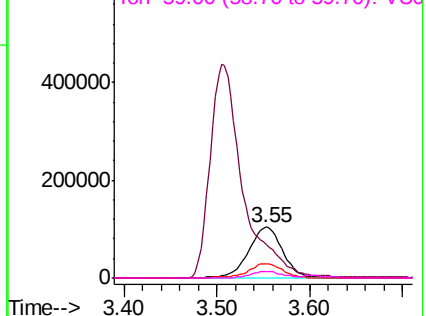


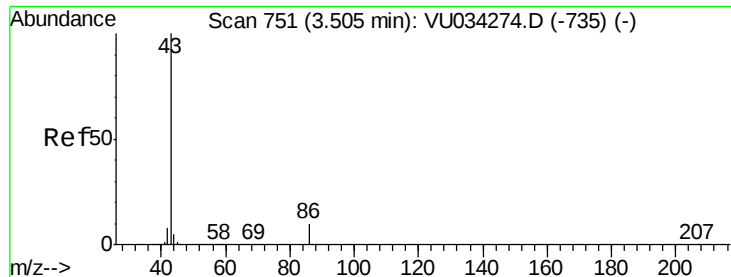
Abundance Ion 45.00 (44.70 to 45.70): VU034289.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VU034289.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VU034289.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VU034289.D (-673) (-)





#23

Vinyl Acetate

Concen: 101.426 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

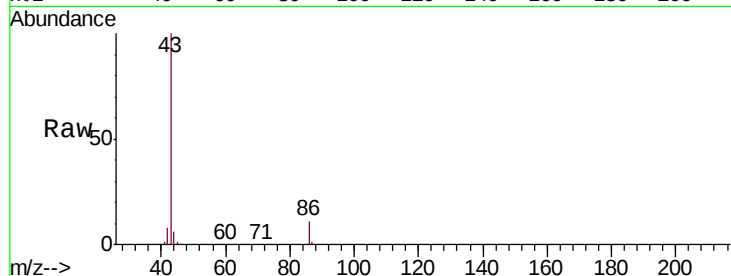
VU0906WBS02

Tgt Ion: 43 Resp: 1080512

Ion Ratio Lower Upper

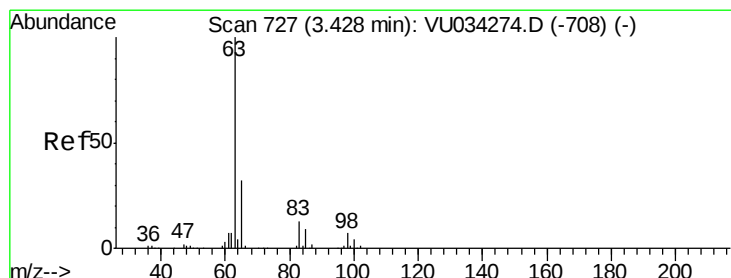
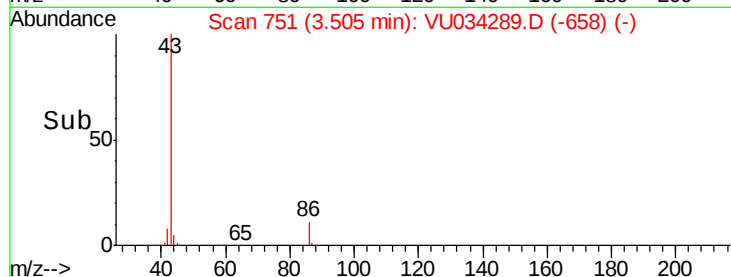
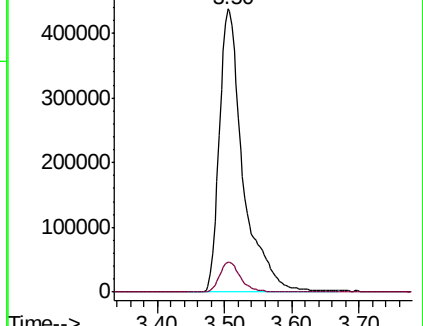
43 100

86 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-735) (-)

Ion 86.00 (85.70 to 86.70): VU034274.D (-735) (-)



#24

1,1-Dichloroethane

Concen: 19.010 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

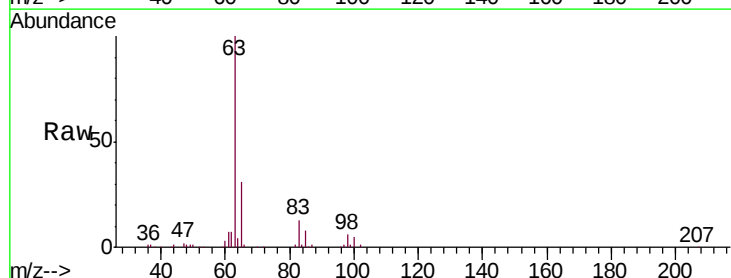
Tgt Ion: 63 Resp: 148472

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

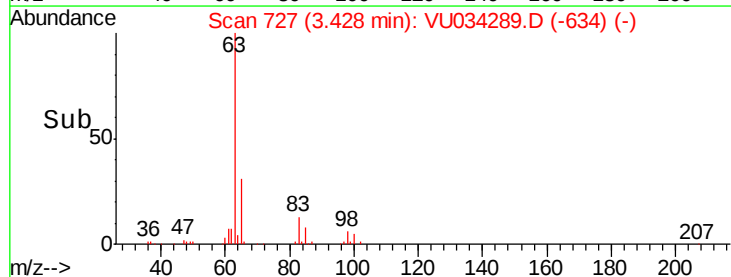
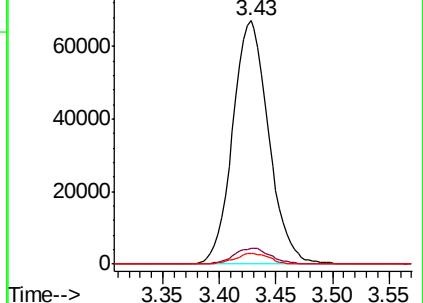
100 4.6 2.1 6.5

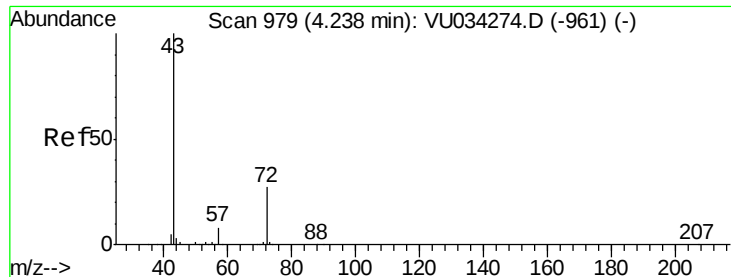


Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-708) (-)

Ion 97.90 (97.60 to 98.60): VU034274.D (-708) (-)

Ion 99.90 (99.60 to 100.60): VU034274.D (-708) (-)





#25

2-Butanone

Concen: 100.526 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

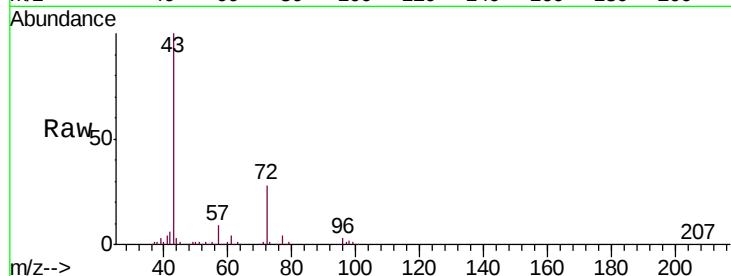
VU0906WBS02

Tgt Ion: 43 Resp: 338754

Ion Ratio Lower Upper

43 100

72 27.5 21.8 32.6



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

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

150000

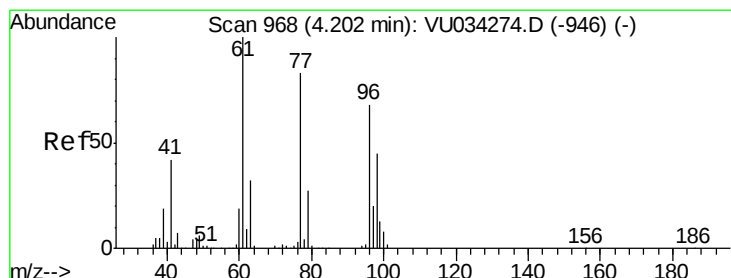
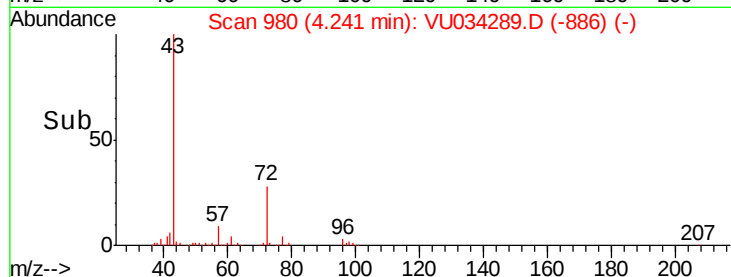
100000

50000

0

4.20 4.24 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 18.835 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034289.D

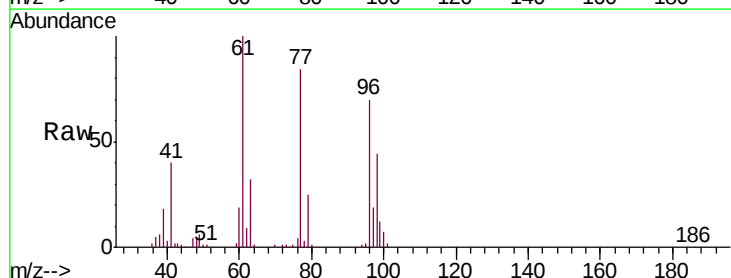
Acq: 05 Sep 2019 17:28

Tgt Ion: 77 Resp: 118313

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3



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

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

50000

40000

30000

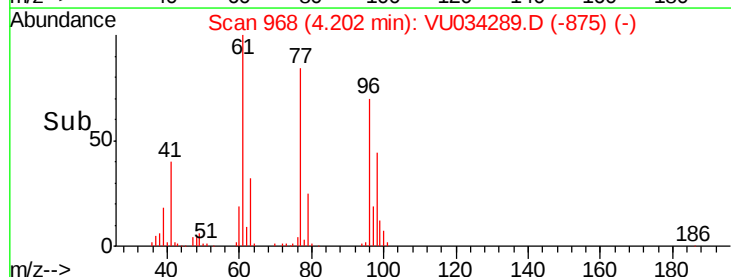
20000

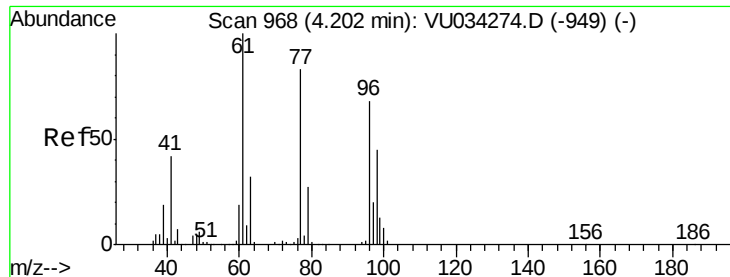
10000

0

4.10 4.20 4.30

Time-->



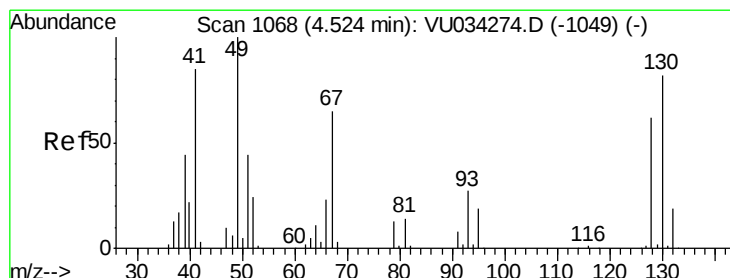
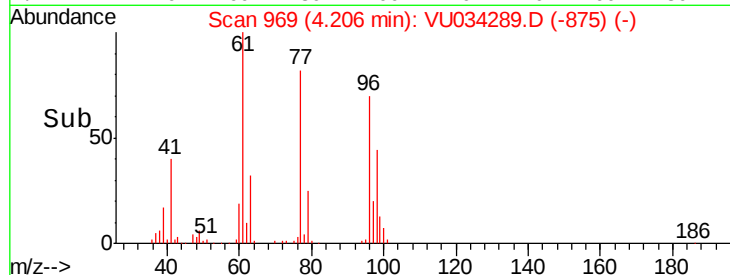
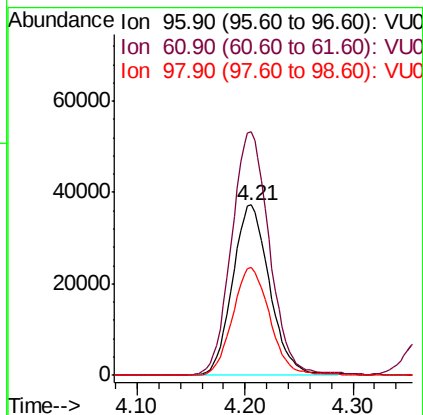
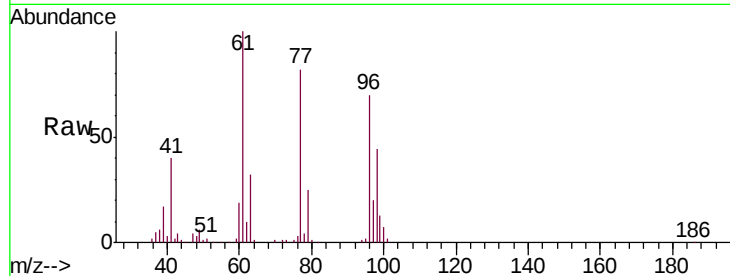


#27

cis-1,2-Dichloroethene
 Concen: 19.892 ug/l
 RT: 4.21 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

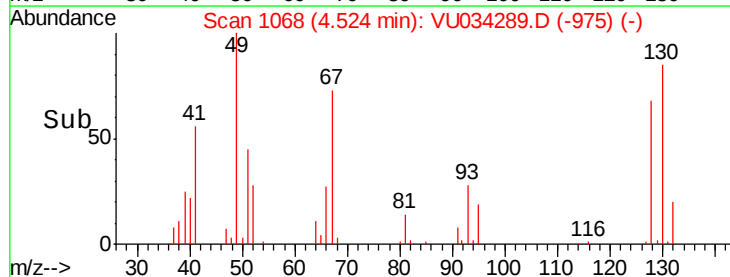
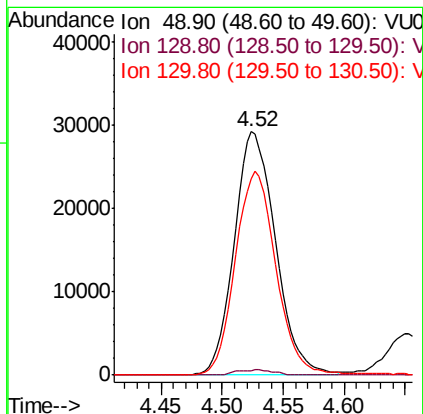
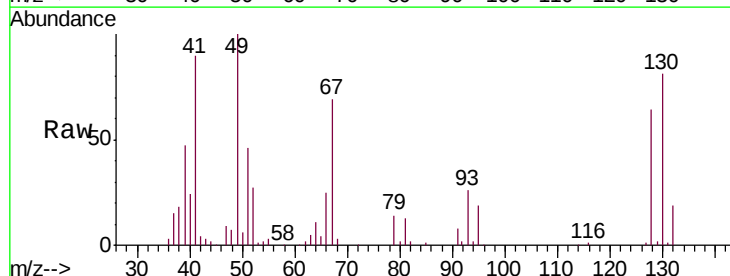
Tgt Ion: 96 Resp: 89308
 Ion Ratio Lower Upper
 96 100
 61 146.7 0.0 297.4
 98 63.3 0.0 130.0

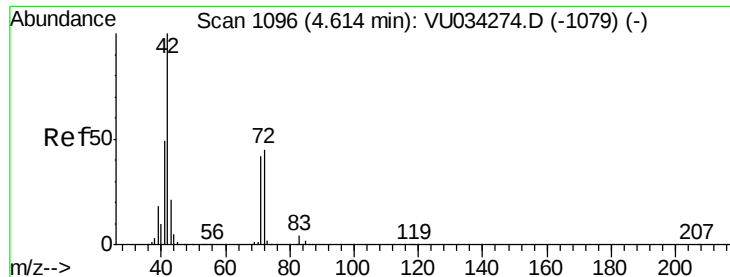


#28

Bromochloromethane
 Concen: 19.139 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 49 Resp: 68756
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.1 65.2 97.8





#29

Tetrahydrofuran

Concen: 103.547 ug/l

RT: 4.62 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBS02

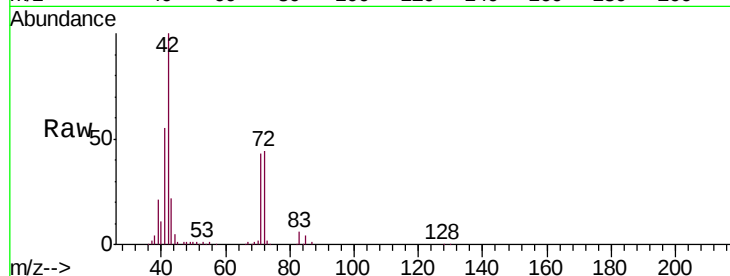
Tgt Ion: 42 Resp: 212330

Ion Ratio Lower Upper

42 100

72 45.2 36.6 54.8

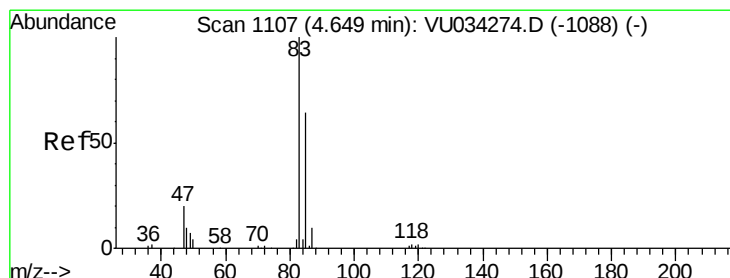
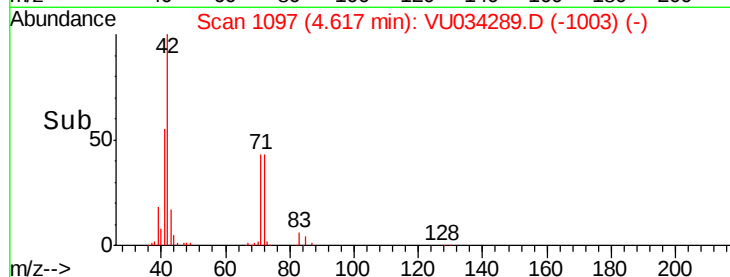
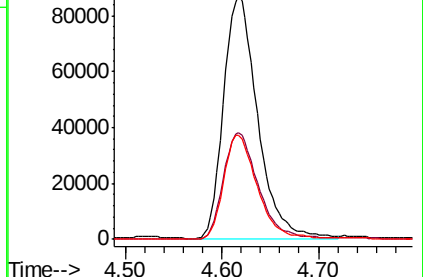
71 42.5 34.3 51.5



Abundance Ion 42.00 (41.70 to 42.70): VU034289.D (-1096) (-)

Ion 72.00 (71.70 to 72.70): VU034289.D (-1096) (-)

Ion 71.00 (70.70 to 71.70): VU034289.D (-1096) (-)



#30

Chloroform

Concen: 19.037 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU034289.D

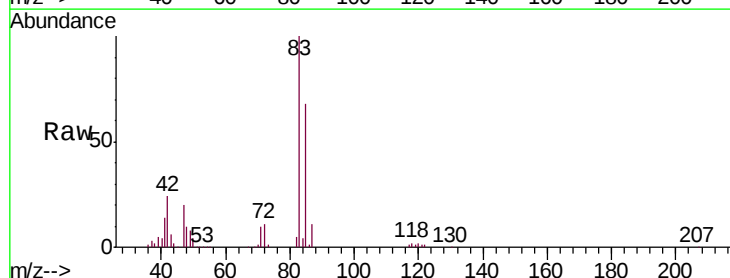
Acq: 05 Sep 2019 17:28

Tgt Ion: 83 Resp: 151132

Ion Ratio Lower Upper

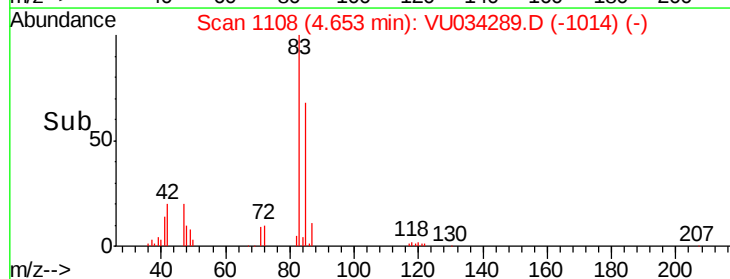
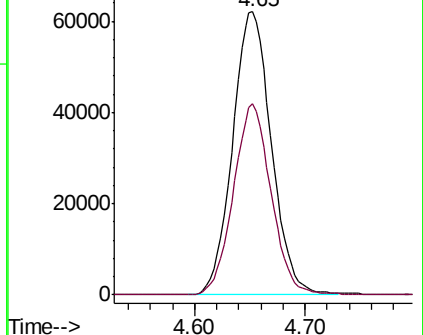
83 100

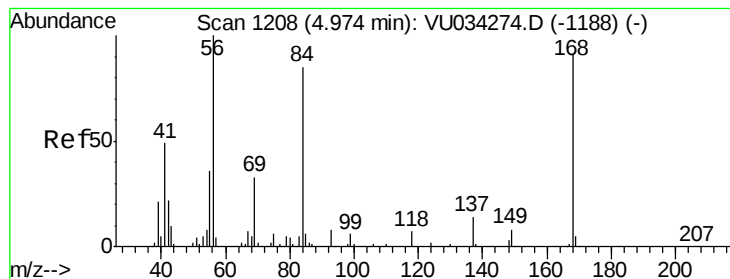
85 67.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU034289.D (-1107) (-)

Ion 84.90 (84.60 to 85.60): VU034289.D (-1107) (-)





#31

Cyclohexane

Concen: 19.401 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

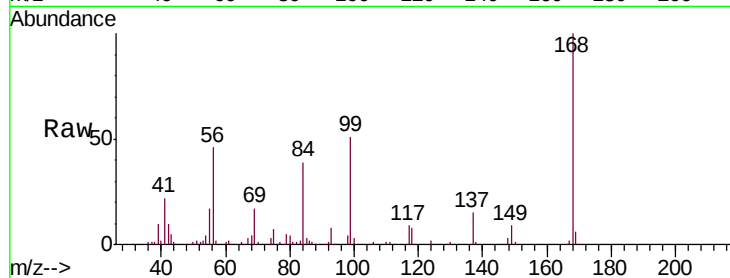
Tgt Ion: 56 Resp: 110855

Ion Ratio Lower Upper

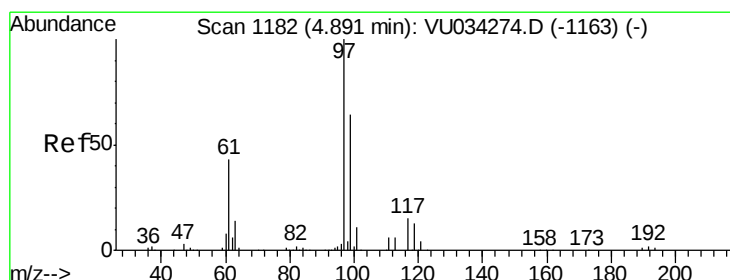
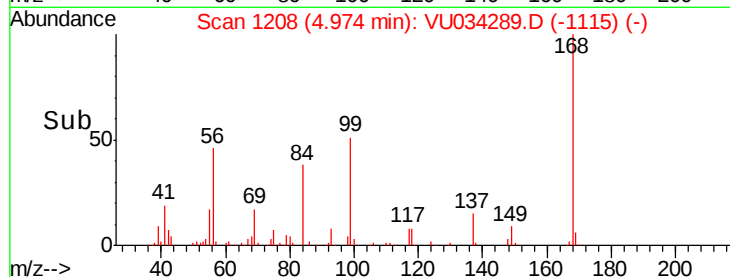
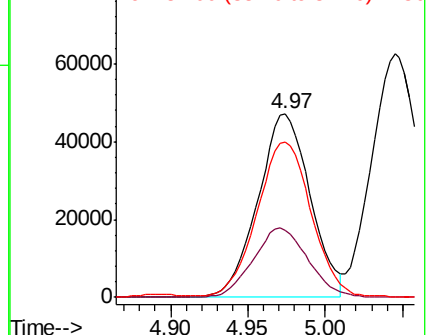
56 100

69 36.7 26.7 40.1

84 84.0 68.2 102.4



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



#32

1,1,1-Trichloroethane

Concen: 19.315 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

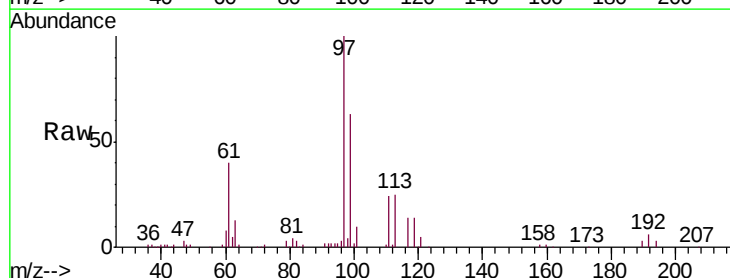
Tgt Ion: 97 Resp: 122597

Ion Ratio Lower Upper

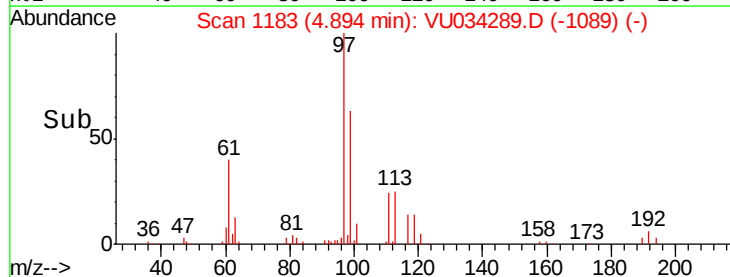
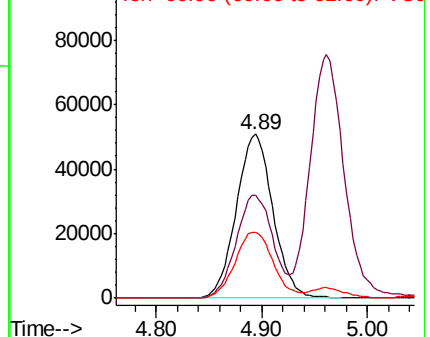
97 100

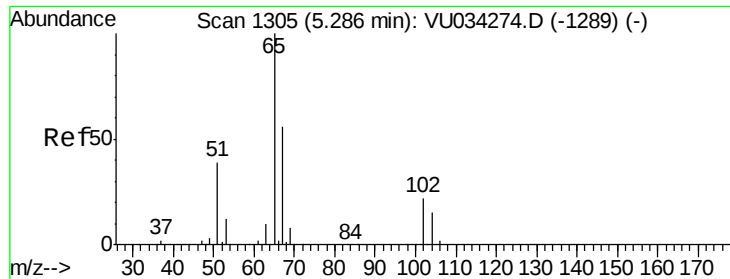
99 63.3 50.9 76.3

61 41.9 34.7 52.1



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

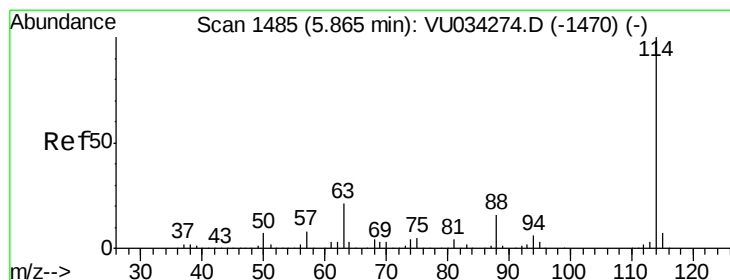
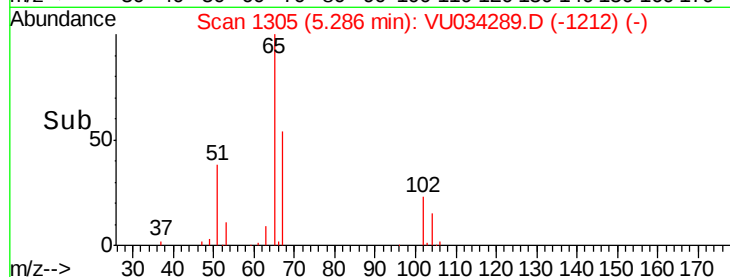
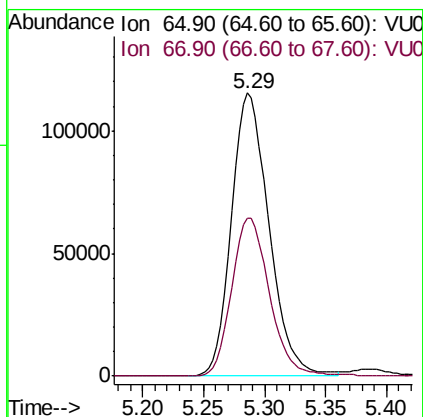
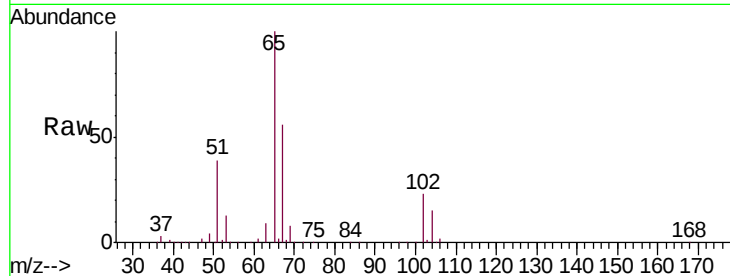




#33
 1,2-Dichloroethane-d4
 Concen: 50.666 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

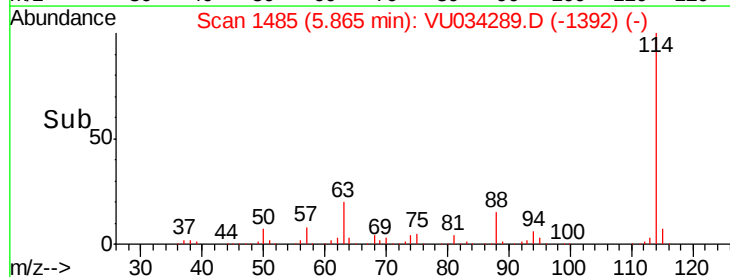
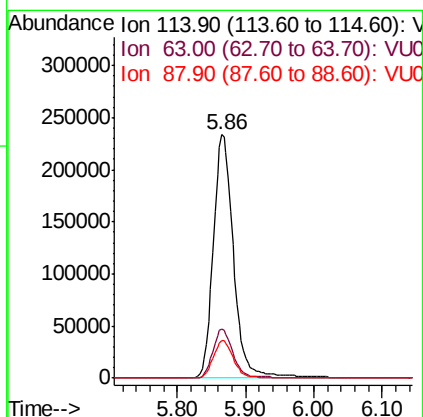
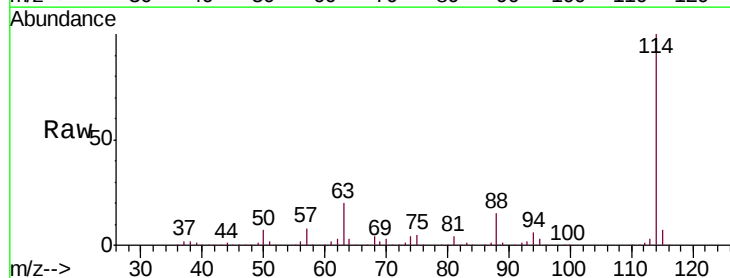
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

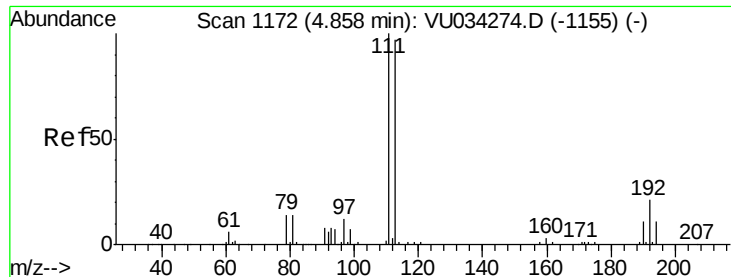
Tgt Ion: 65 Resp: 247161
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 114 Resp: 482411
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 15.4 0.0 32.4

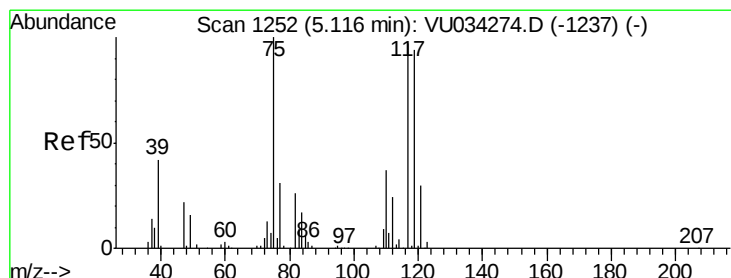
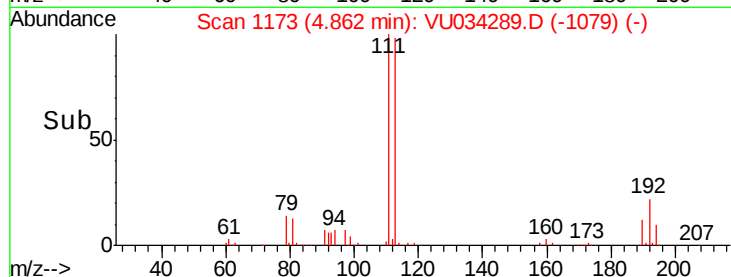
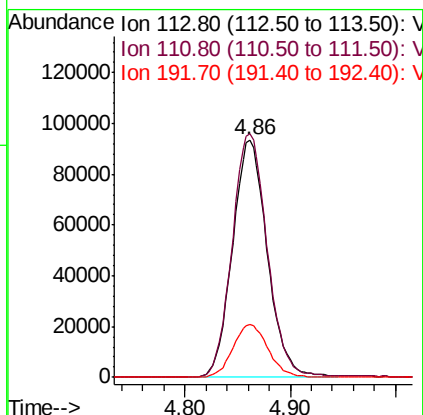
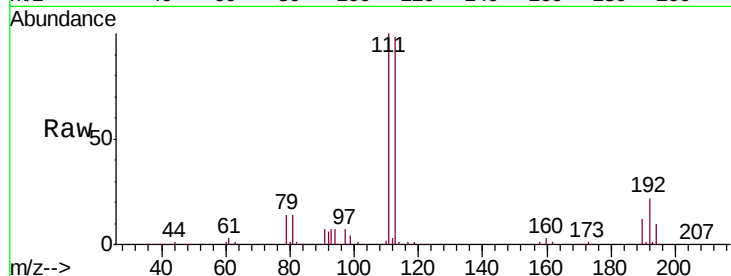




#35
 Dibromofluoromethane
 Concen: 47.738 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

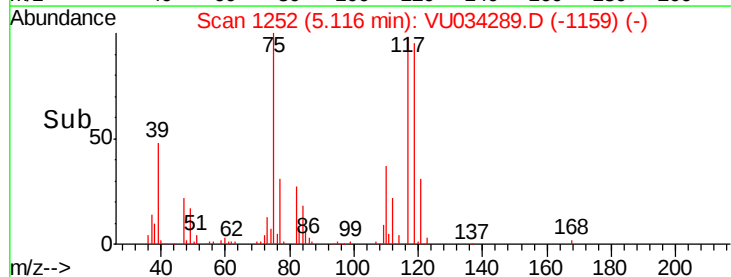
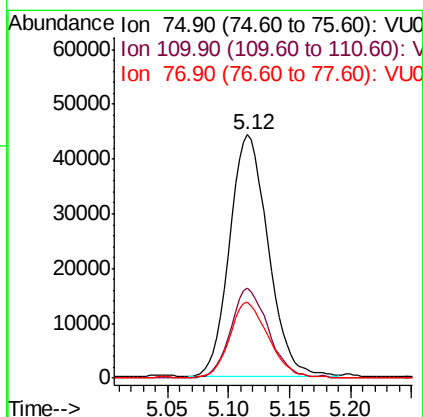
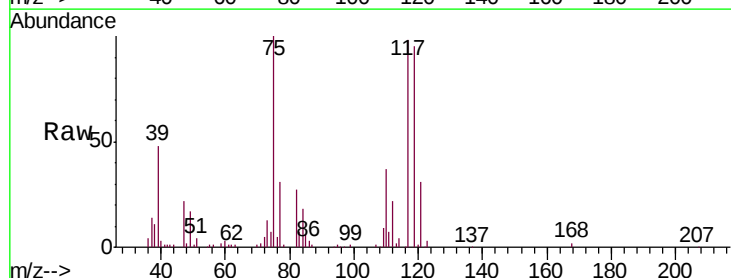
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

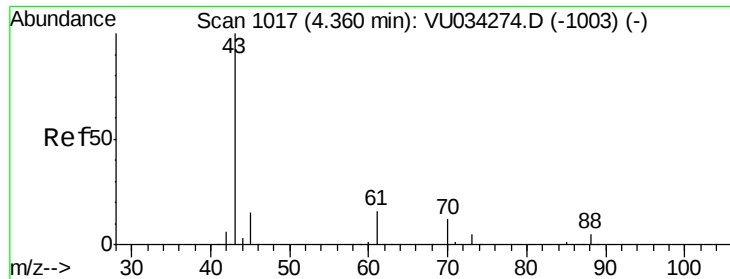
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	22.4	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 18.642 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.3	54.9
77	31.9	24.9	37.3

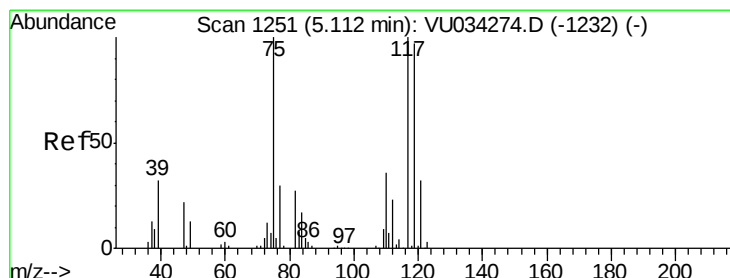
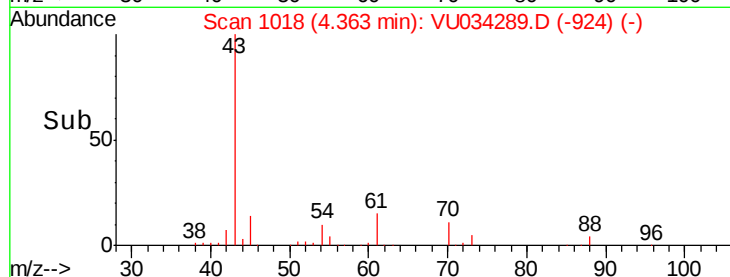
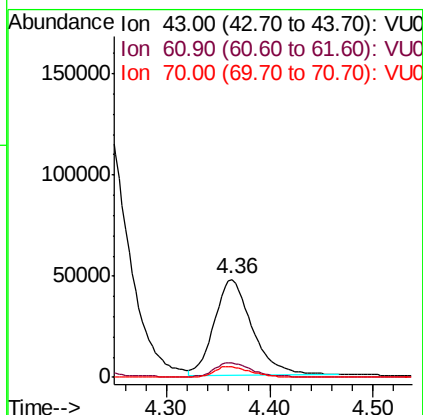
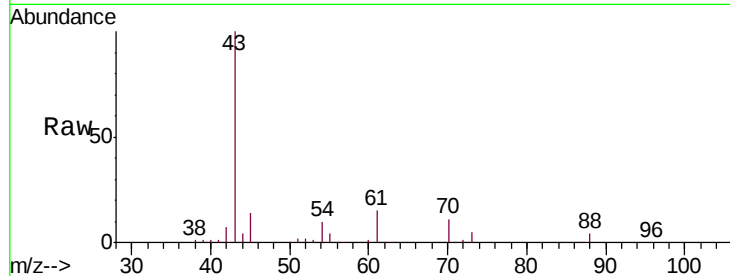




#37
Ethyl Acetate
Concen: 19.452 ug/l
RT: 4.36 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

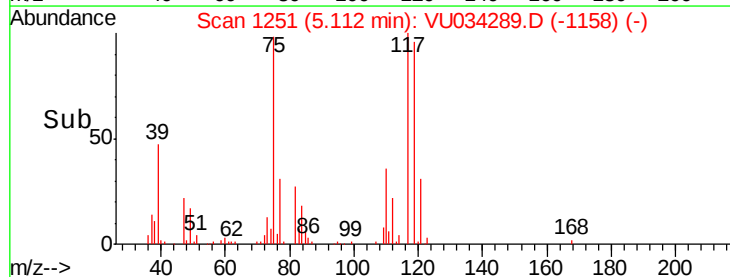
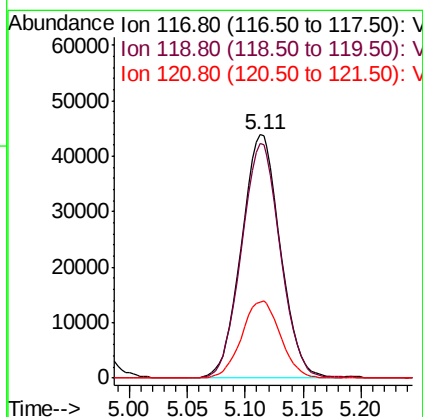
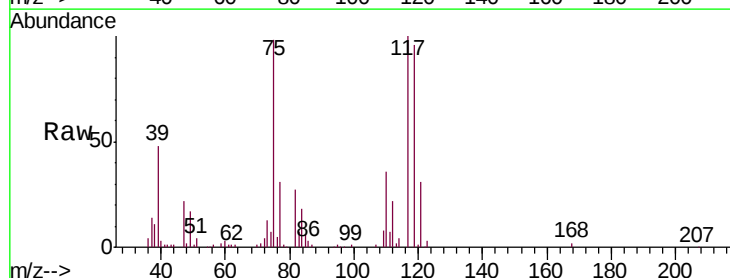
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

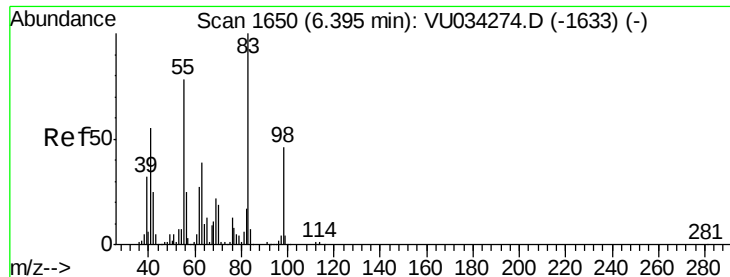
Tgt Ion: 43 Resp: 120325
Ion Ratio Lower Upper
43 100
61 14.8 12.3 18.5
70 11.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.182 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion: 117 Resp: 101569
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.6
121 31.5 25.2 37.8

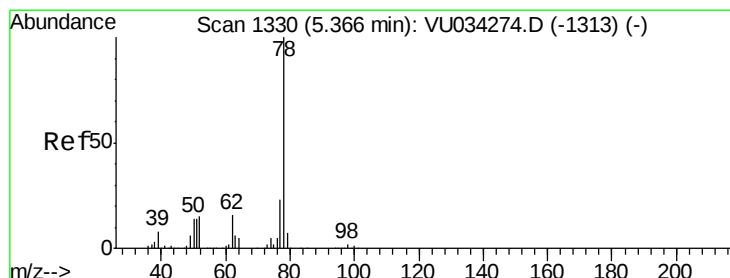
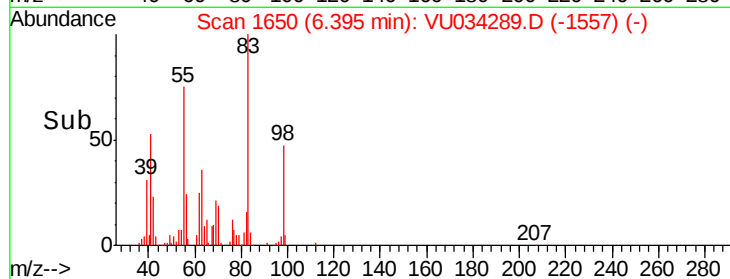
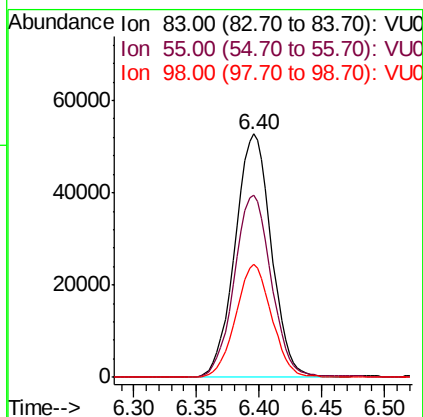
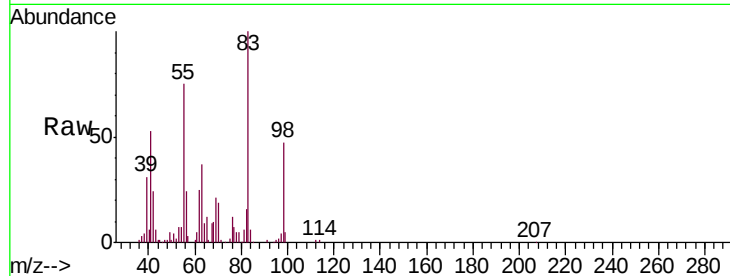




#39
Methylcyclohexane
Concen: 19.039 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

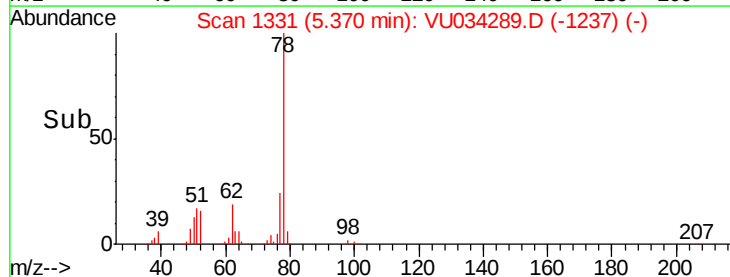
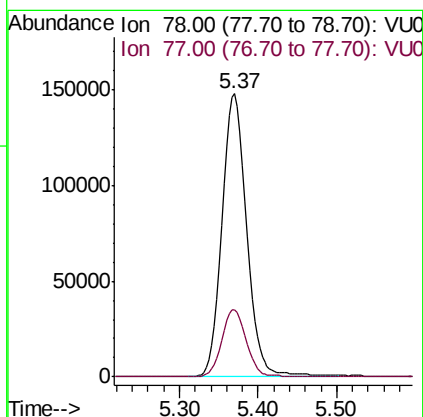
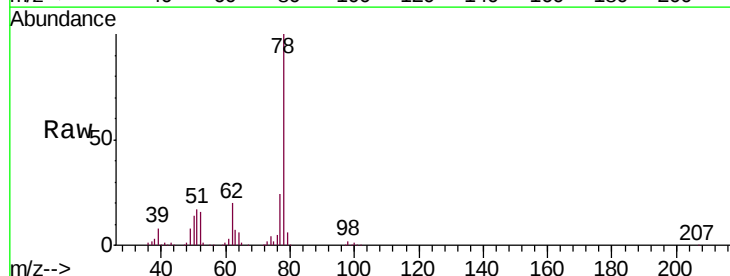
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

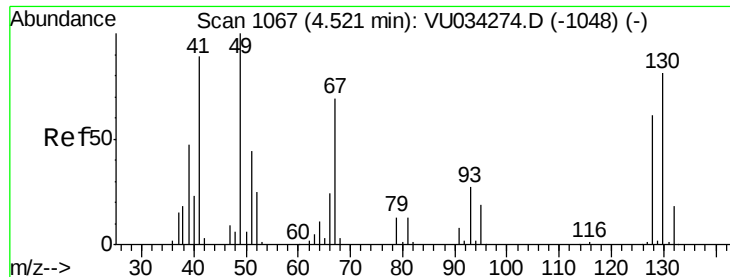
Tgt Ion: 83 Resp: 106481
Ion Ratio Lower Upper
83 100
55 74.9 62.1 93.1
98 46.5 37.0 55.6



#40
Benzene
Concen: 19.018 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion: 78 Resp: 321057
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1





#41

Methacrylonitrile

Concen: 19.773 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBS02

Tgt Ion: 41 Resp: 65150

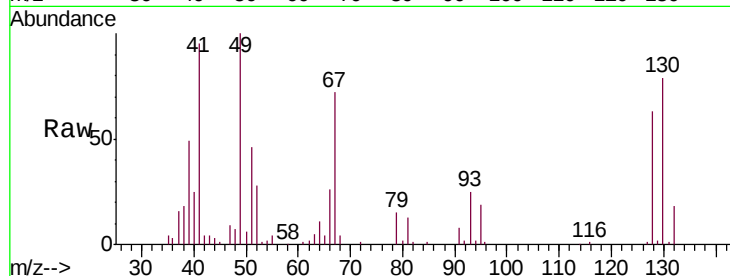
Ion Ratio Lower Upper

41 100

39 53.1 41.0 61.4

67 81.6 62.4 93.6

52 30.5 23.6 35.4

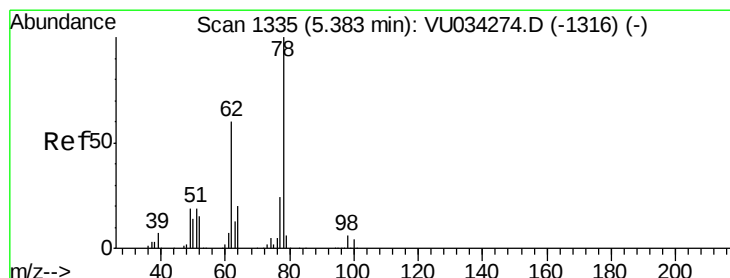
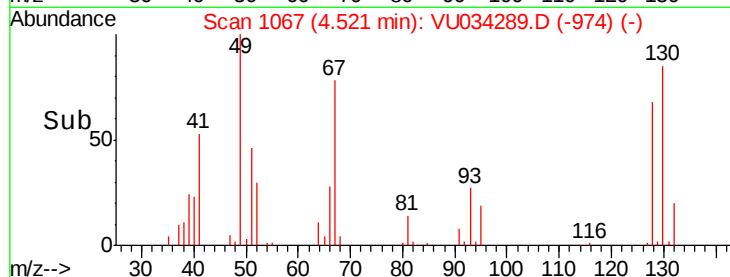
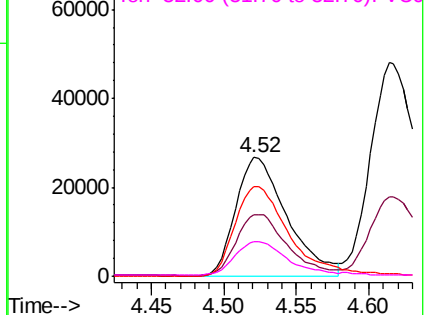


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 18.819 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU034289.D

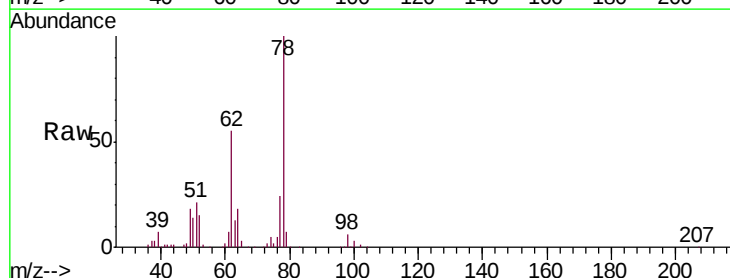
Acq: 05 Sep 2019 17:28

Tgt Ion: 62 Resp: 110301

Ion Ratio Lower Upper

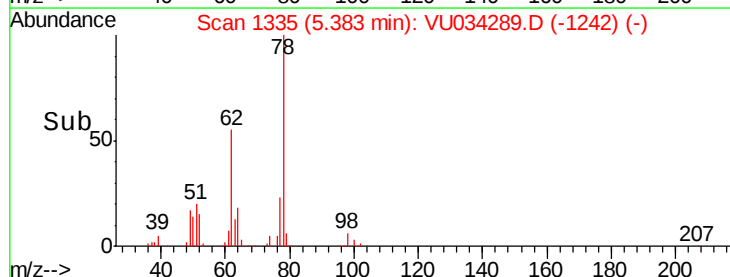
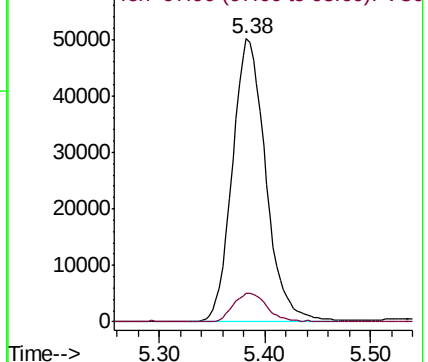
62 100

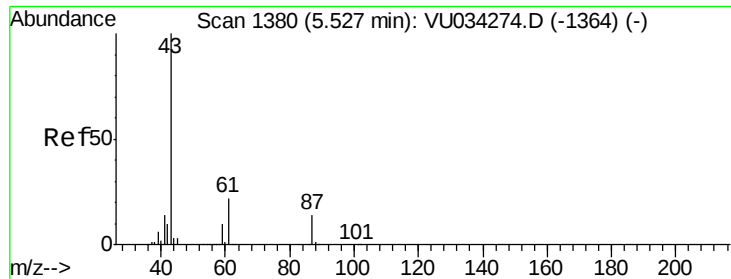
98 10.4 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

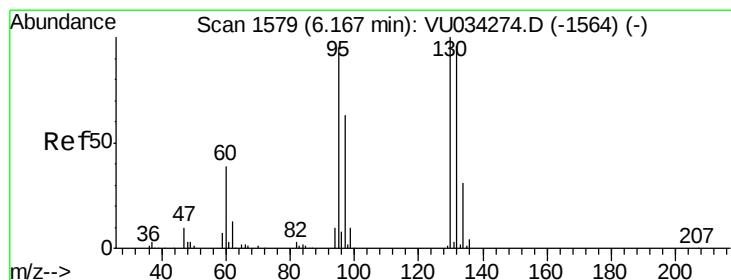
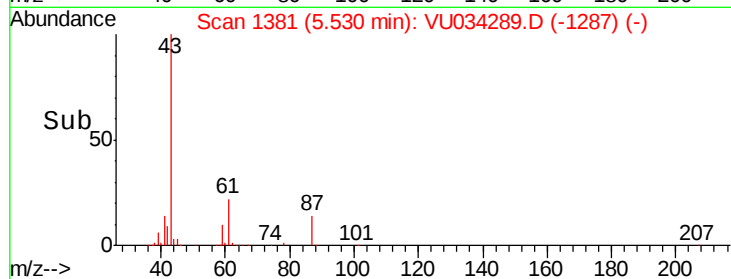
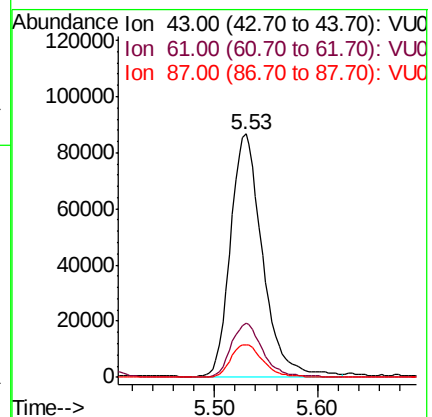
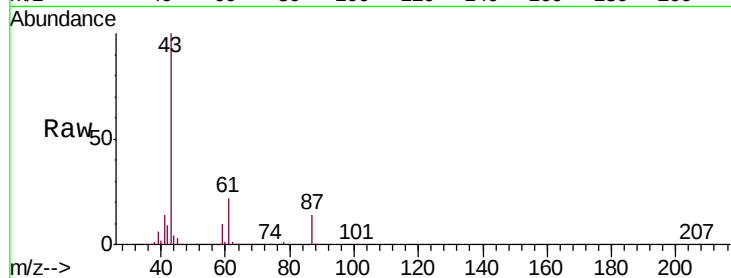




#43
Isopropyl Acetate
Concen: 19.388 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

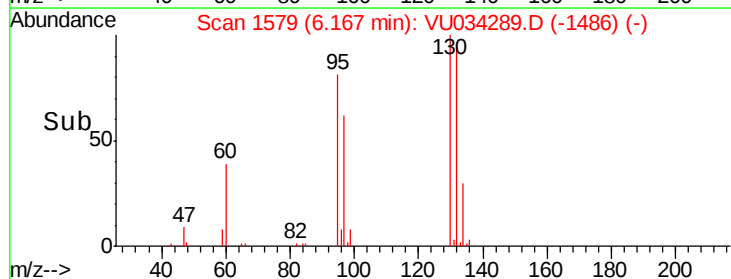
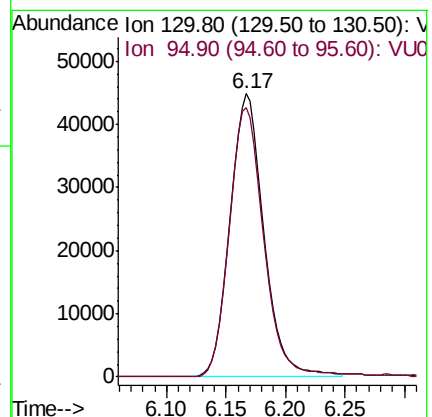
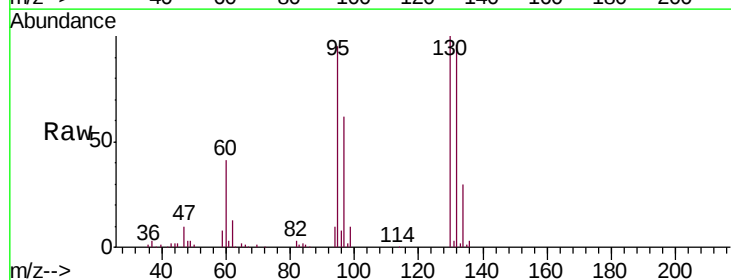
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

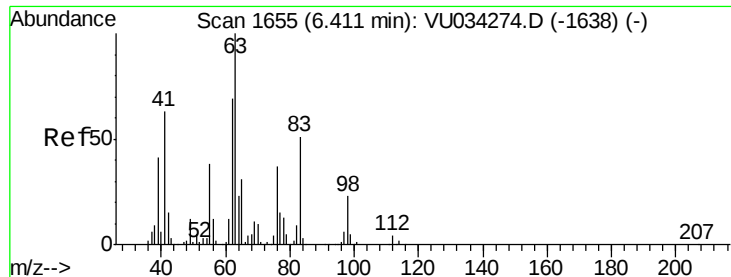
Tgt Ion: 43 Resp: 187090
Ion Ratio Lower Upper
43 100
61 22.4 17.1 25.7
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 18.931 ug/l
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion: 130 Resp: 88437
Ion Ratio Lower Upper
130 100
95 95.3 0.0 189.2

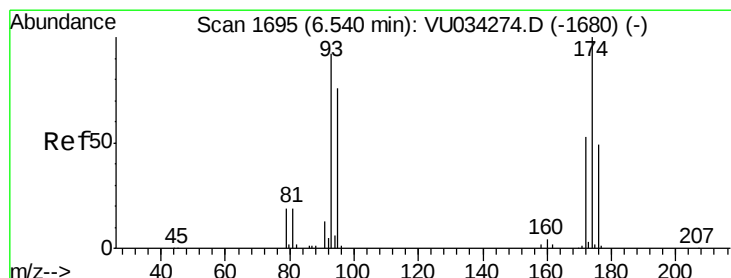
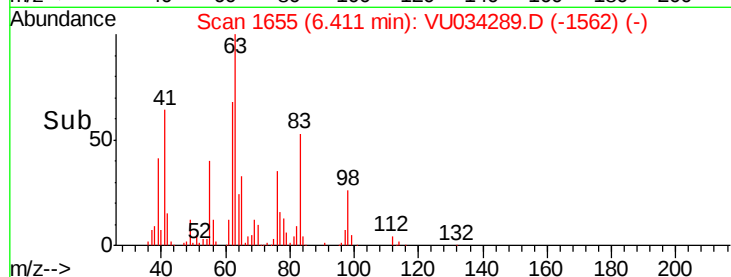
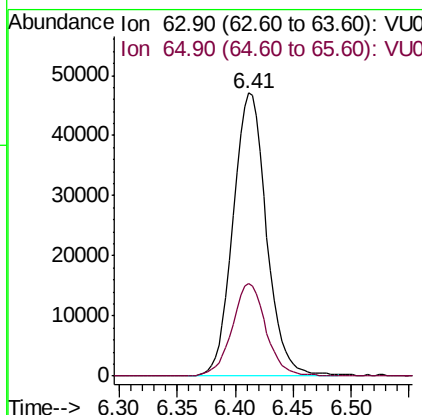
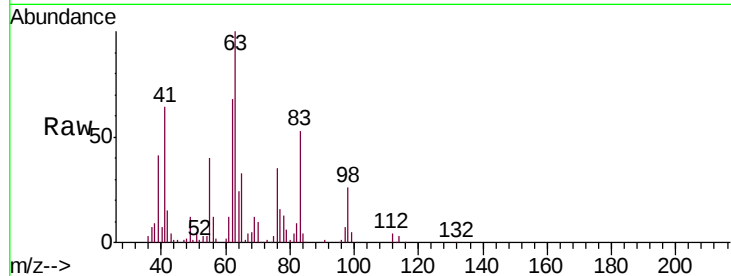




#45
 1,2-Dichloropropane
 Concen: 19.015 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

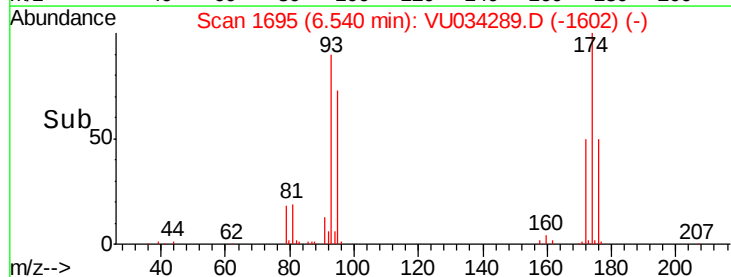
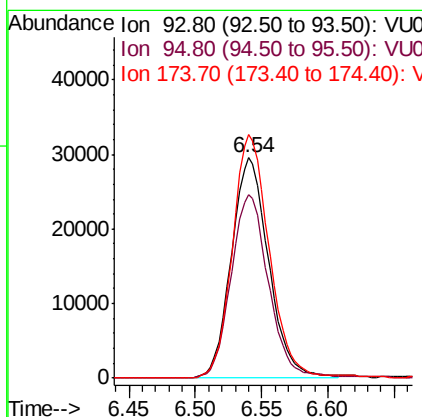
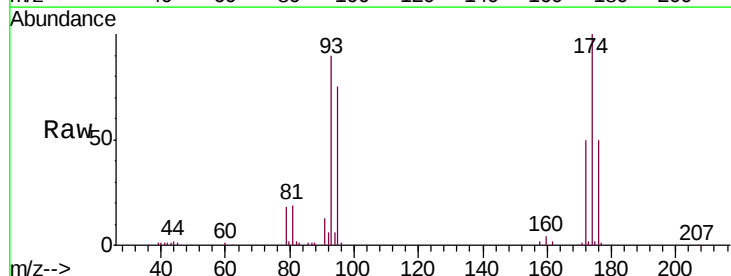
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

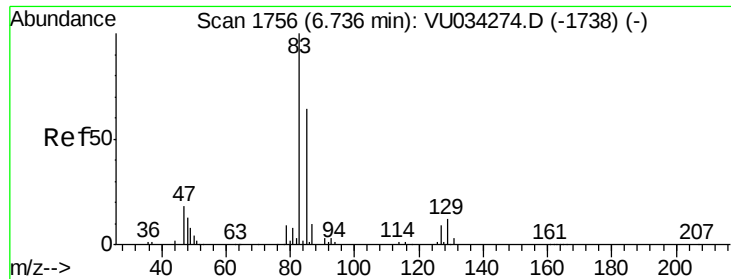
Tgt Ion: 63 Resp: 93843
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.6 37.0



#46
 Dibromomethane
 Concen: 18.670 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 93 Resp: 57836
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.5 99.7
 174 109.0 87.8 131.6





#47

Bromodichloromethane

Concen: 18.280 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBS02

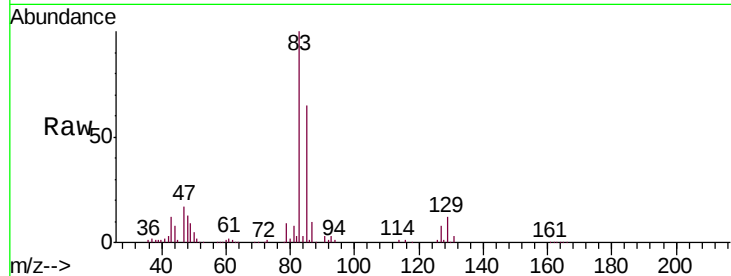
Tgt Ion: 83 Resp: 116568

Ion Ratio Lower Upper

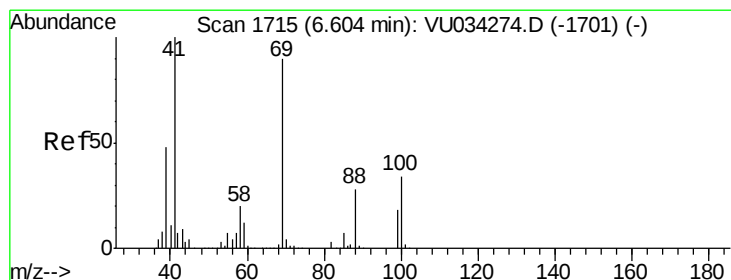
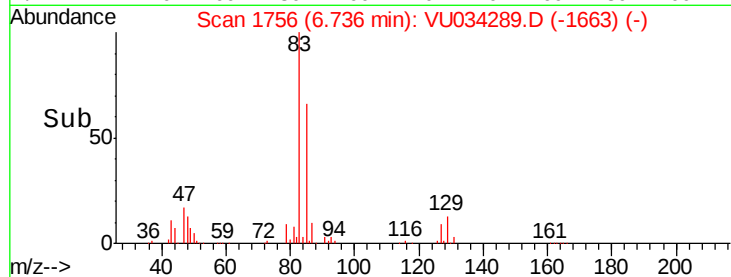
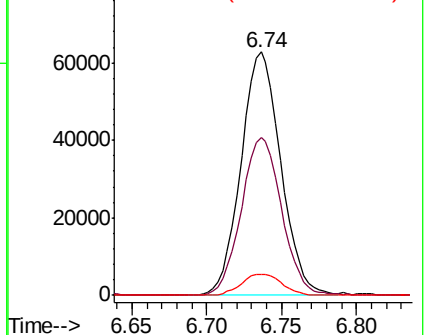
83 100

85 65.0 51.1 76.7

127 8.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.616 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

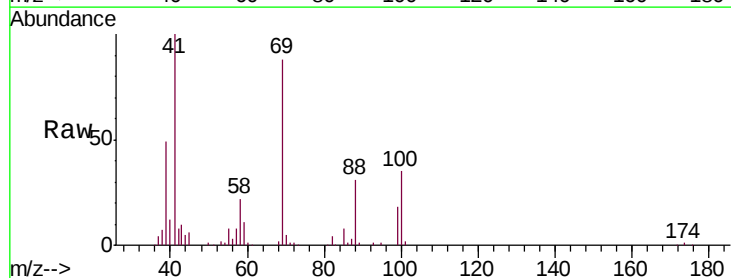
Tgt Ion: 41 Resp: 85318

Ion Ratio Lower Upper

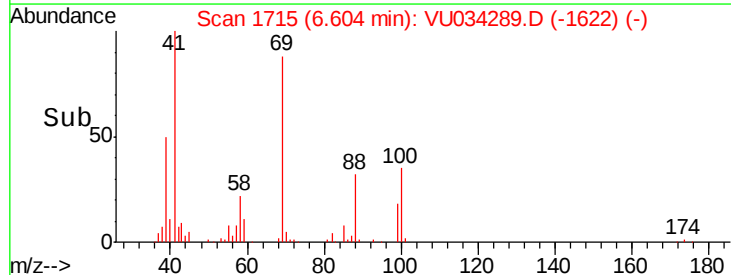
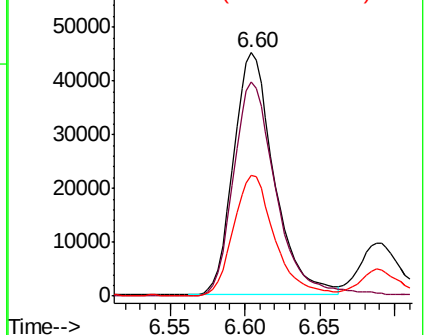
41 100

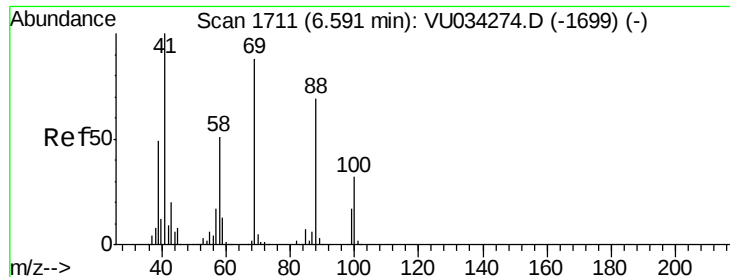
69 93.3 72.8 109.2

39 50.0 38.6 58.0



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

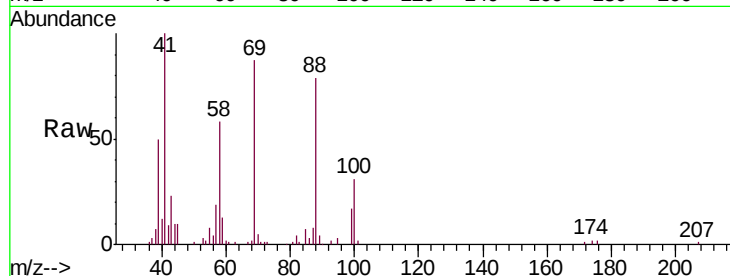




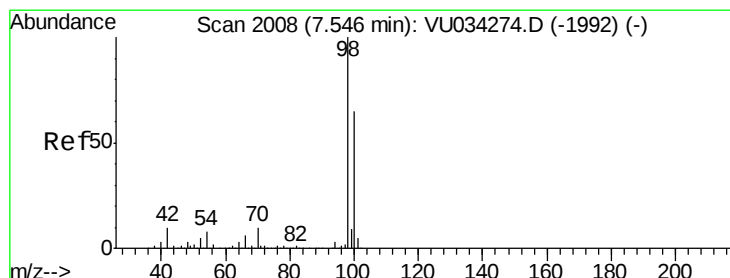
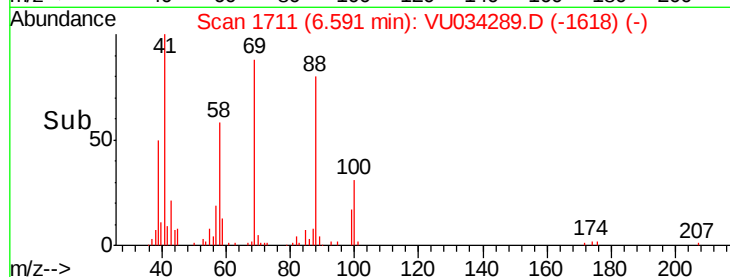
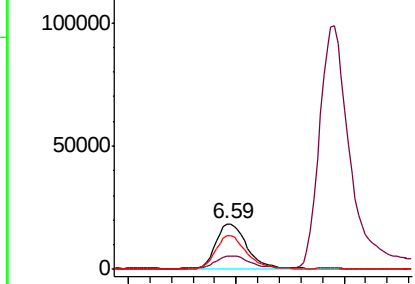
#49
 1,4-Dioxane
 Concen: 376.330 ug/l
 RT: 6.59 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

Tgt Ion: 88 Resp: 37663
 Ion Ratio Lower Upper
 88 100
 43 31.0 23.8 35.6
 58 73.6 58.4 87.6

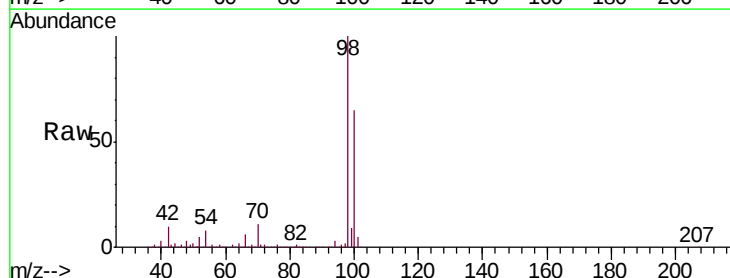


Abundance Ion 88.00 (87.70 to 88.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

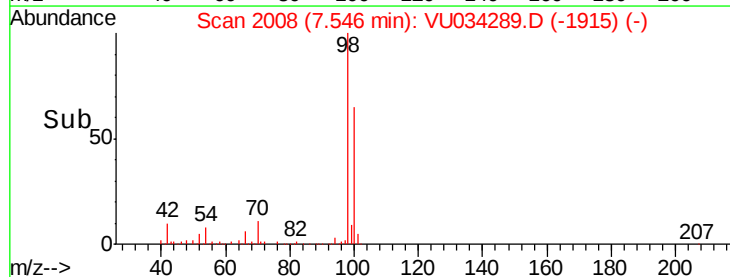
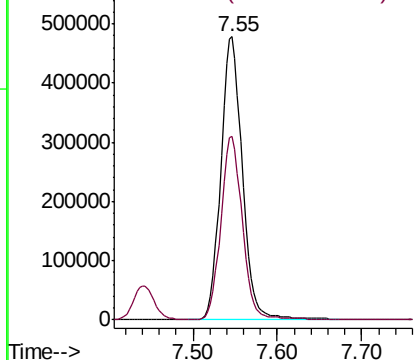


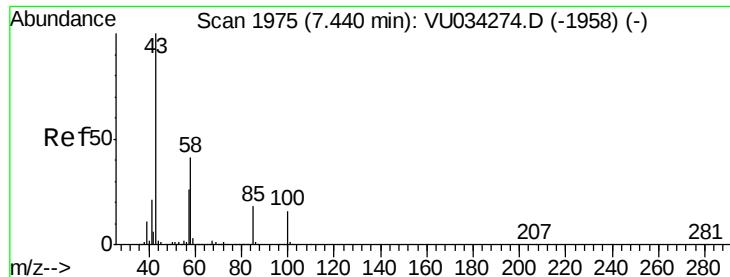
#50
 Toluene-d8
 Concen: 50.375 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 98 Resp: 849559
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.7 77.5



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

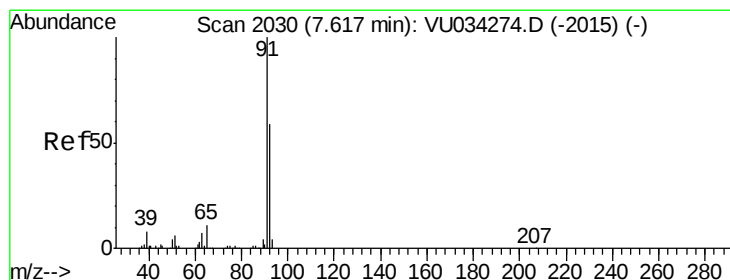
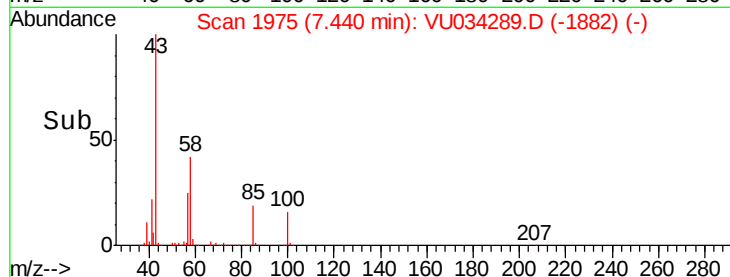
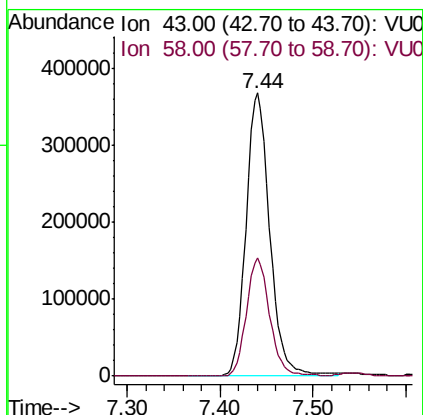
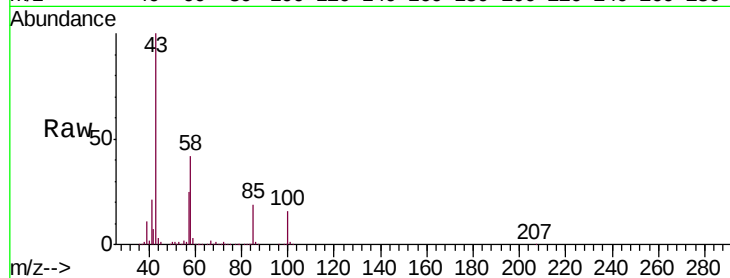




#51
 4-Methyl-2-Pentanone
 Concen: 97.524 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

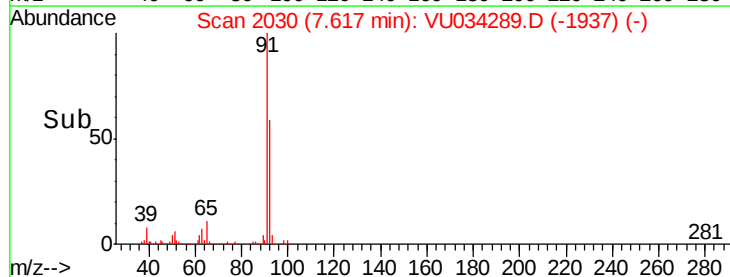
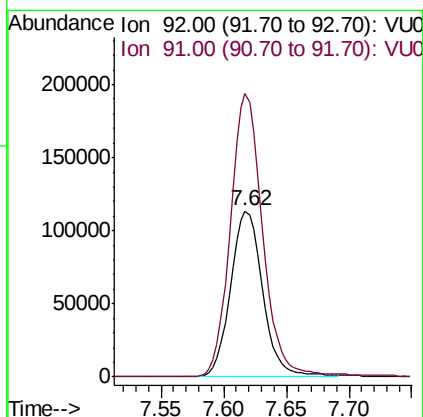
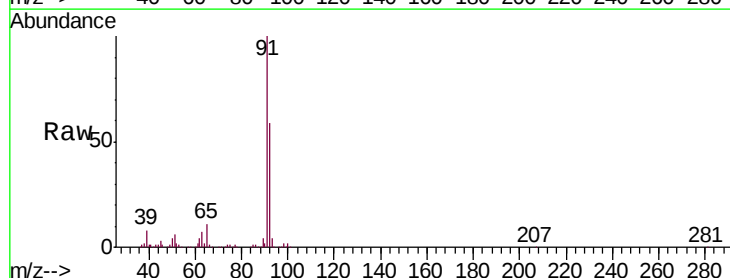
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

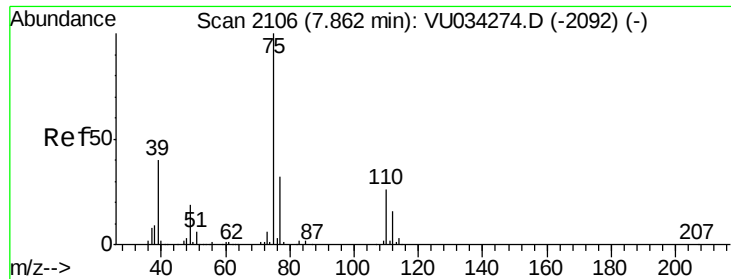
Tgt Ion: 43 Resp: 651405
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.0 49.4



#52
 Toluene
 Concen: 19.129 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 92 Resp: 202579
 Ion Ratio Lower Upper
 92 100
 91 170.9 136.6 205.0

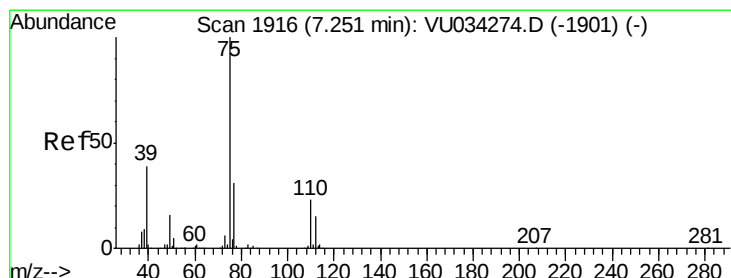
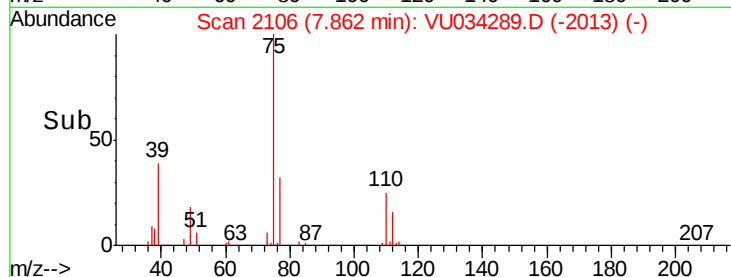
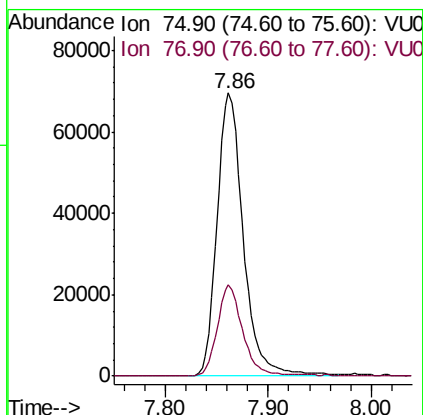
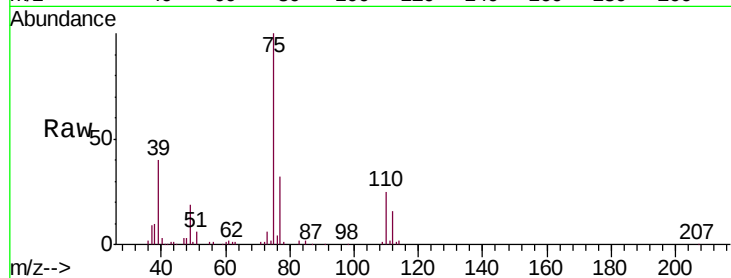




#53
 t-1,3-Dichloropropene
 Concen: 18.684 ug/l
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

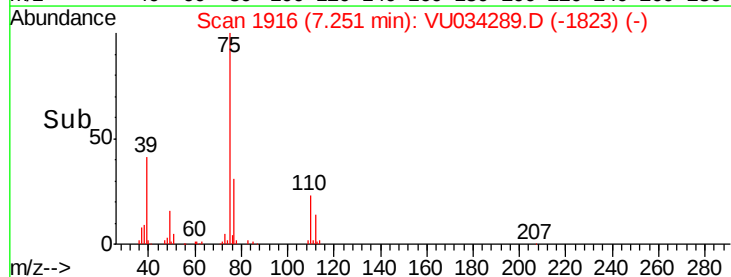
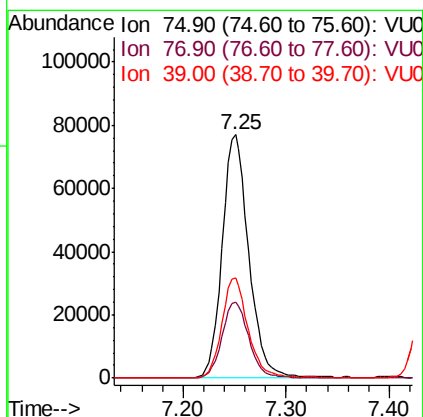
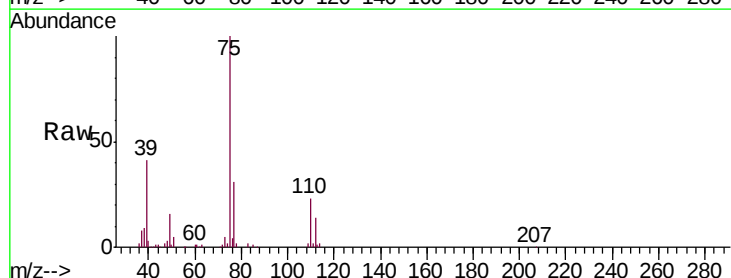
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

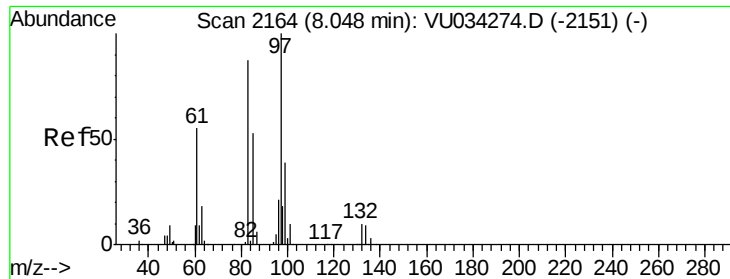
Tgt Ion: 75 Resp: 123504
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.076 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 75 Resp: 138393
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7
 39 41.1 31.2 46.8

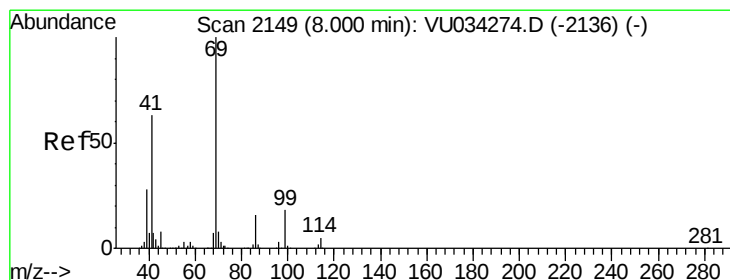
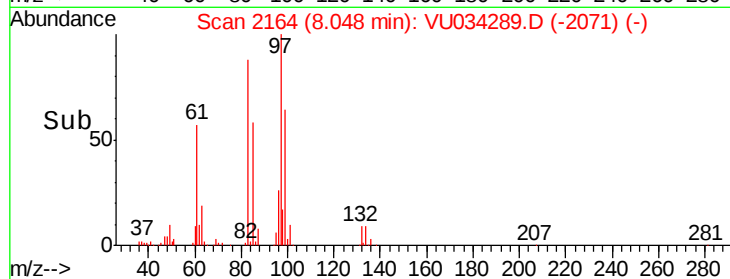
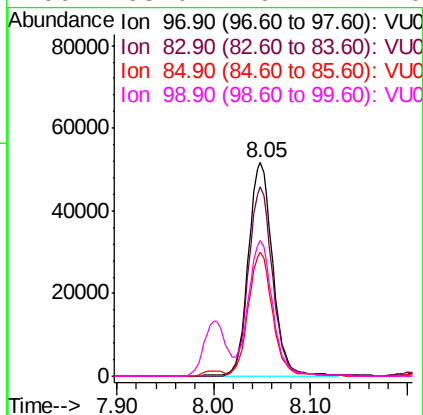
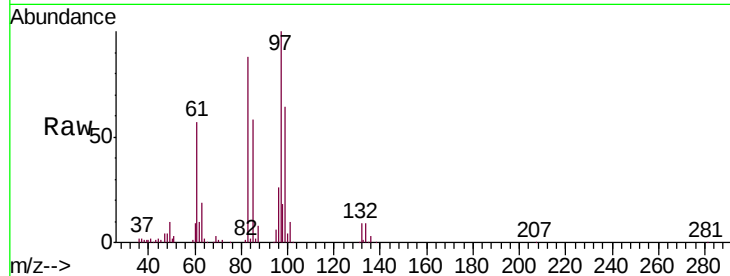




#55
 1,1,2-Trichloroethane
 Concen: 18.779 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

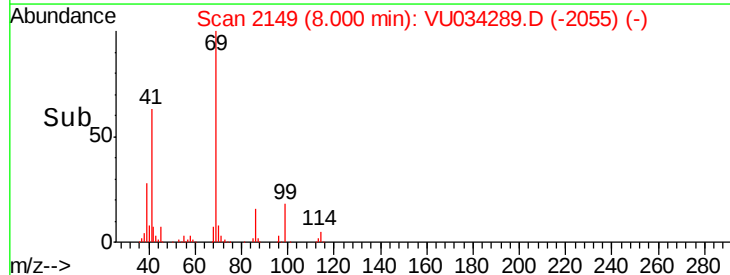
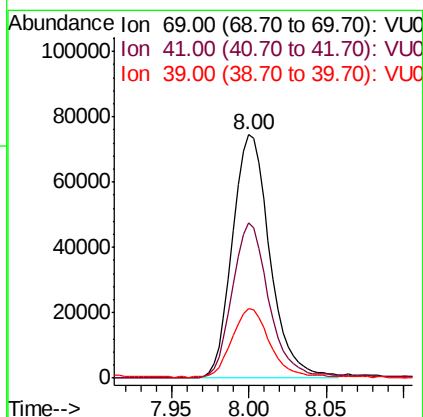
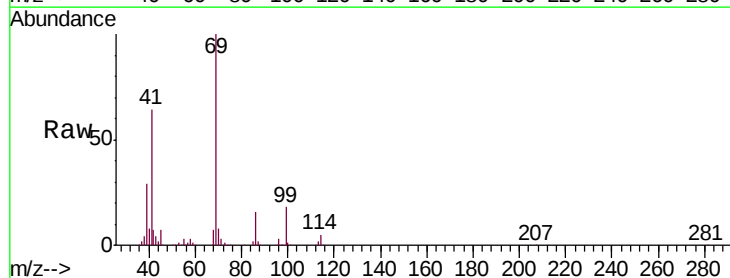
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

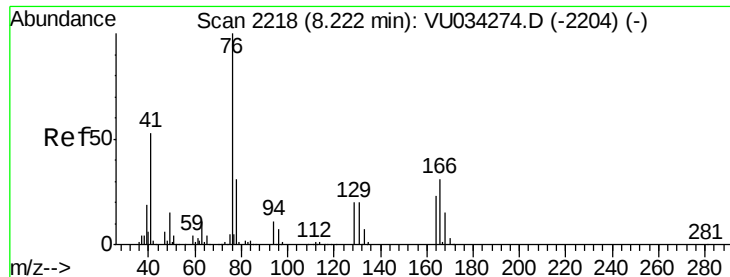
Tgt Ion:	97	Resp:	90303
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.0	103.6
85	57.9	44.2	66.2
99	63.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.226 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion:	69	Resp:	125723
Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.5	74.3
39	28.3	22.5	33.7





#57

1,3-Dichloropropane

Concen: 19.000 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

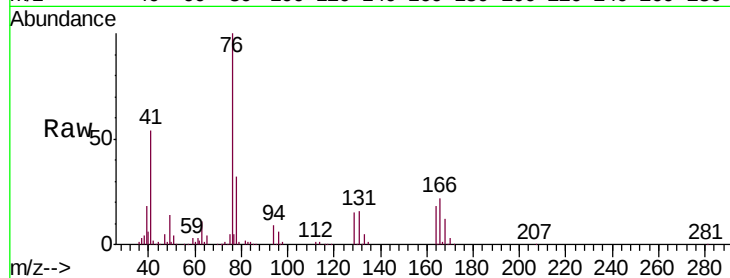
VU0906WBS02

Tgt Ion: 76 Resp: 148776

Ion Ratio Lower Upper

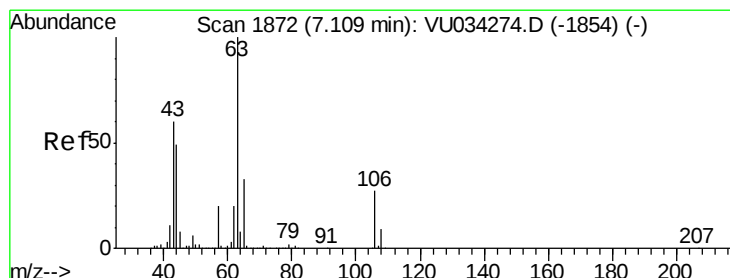
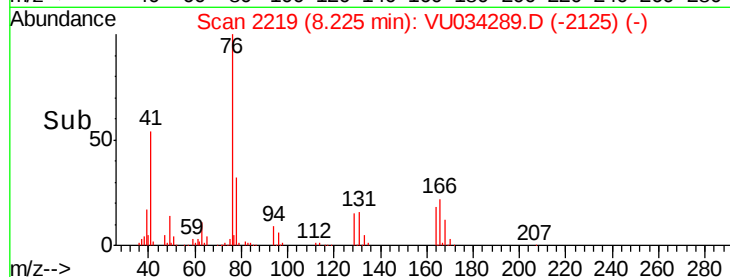
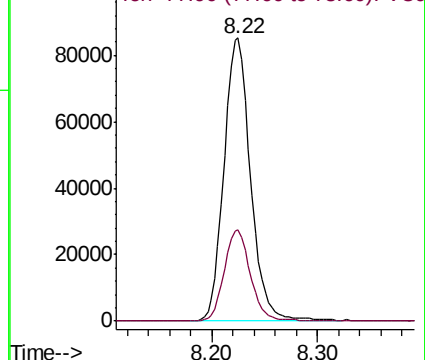
76 100

78 31.6 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU034274.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU034289.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 95.755 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034289.D

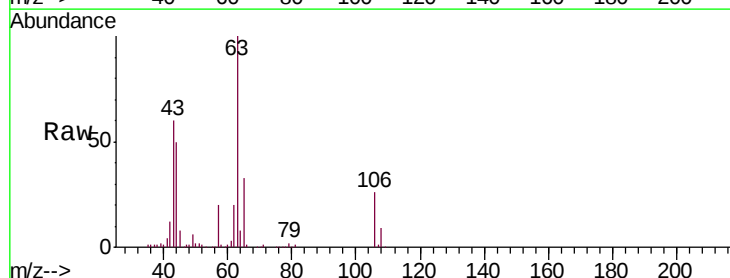
Acq: 05 Sep 2019 17:28

Tgt Ion: 63 Resp: 209535

Ion Ratio Lower Upper

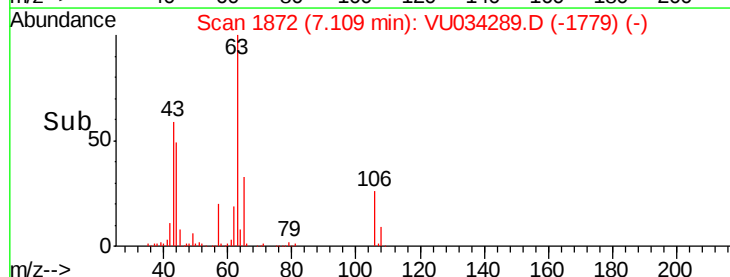
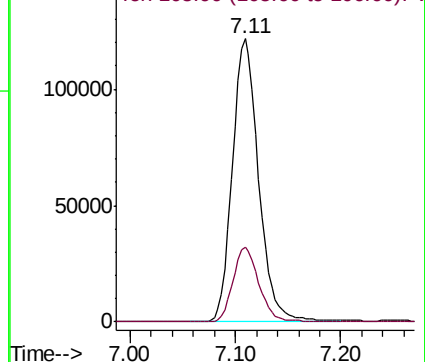
63 100

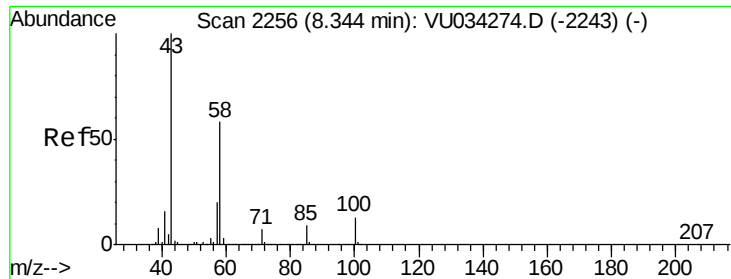
106 26.0 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-1854) (-)

Ion 105.90 (105.60 to 106.60): VU034289.D (-1779) (-)

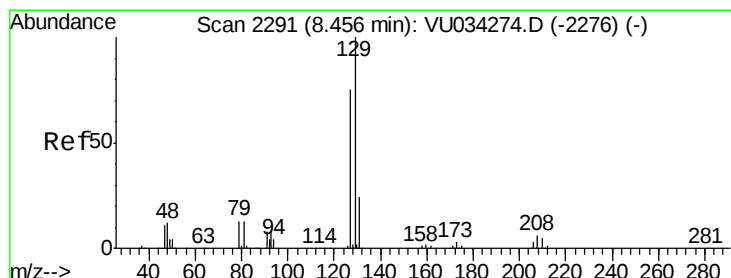
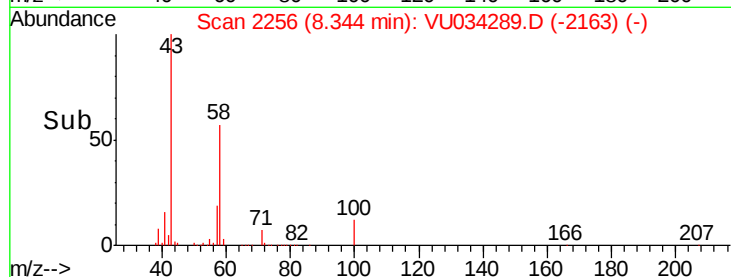
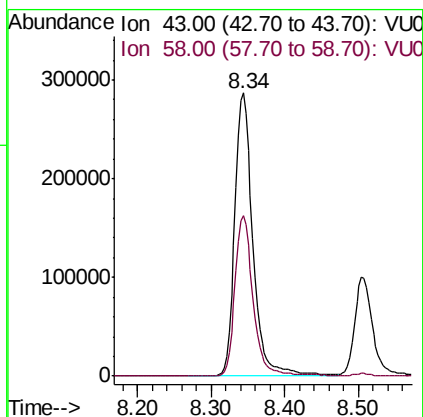
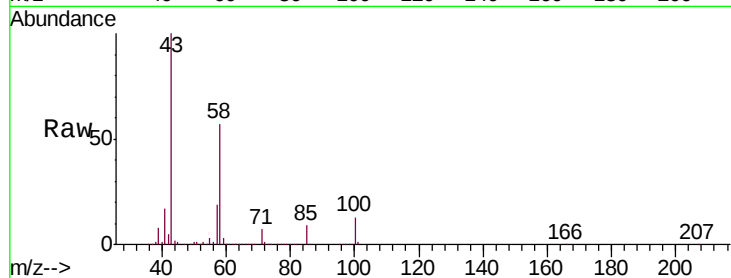




#59
2-Hexanone
Concen: 97.836 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

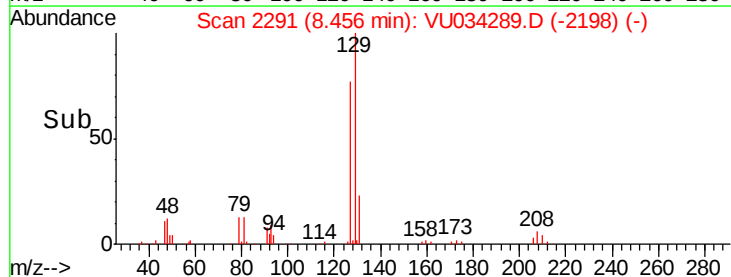
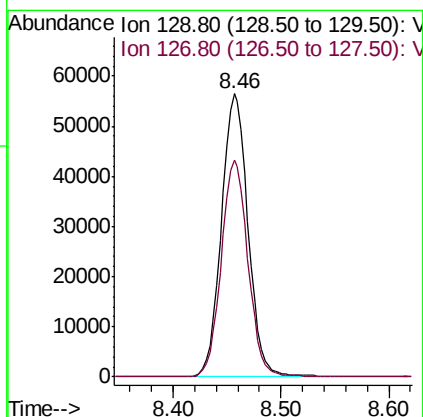
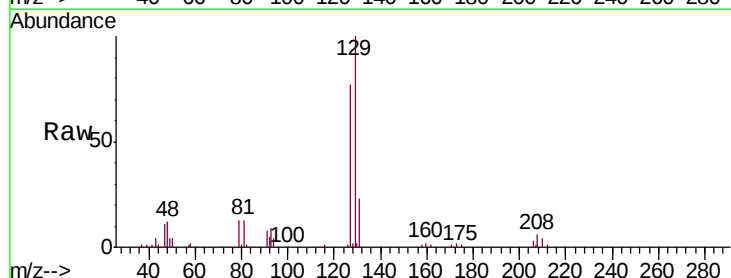
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

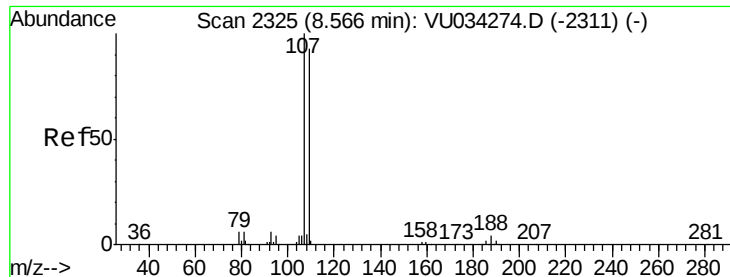
Tgt Ion: 43 Resp: 488188
Ion Ratio Lower Upper
43 100
58 57.2 28.8 86.5



#60
Dibromochloromethane
Concen: 18.791 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion: 129 Resp: 96917
Ion Ratio Lower Upper
129 100
127 76.5 37.9 113.7

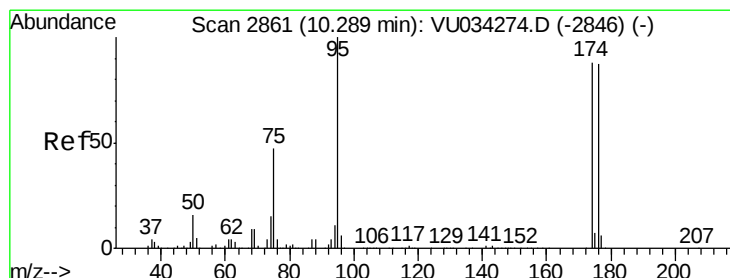
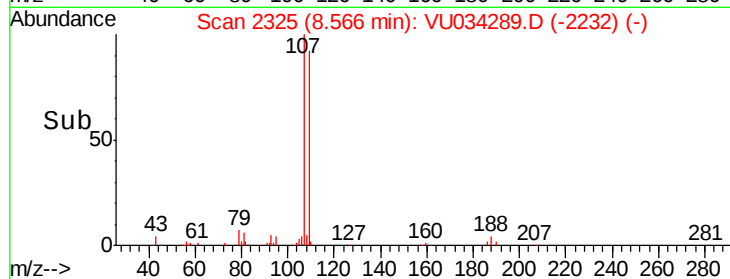
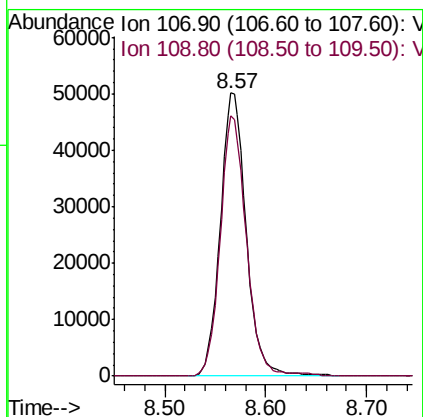
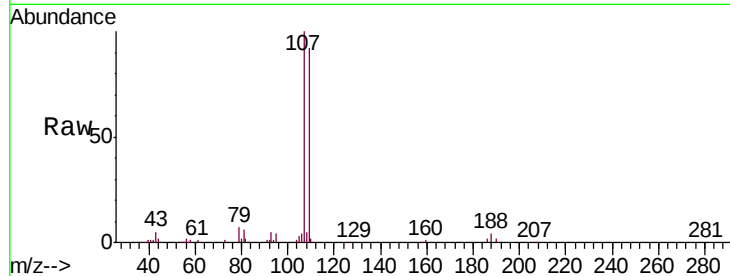




#61
 1,2-Dibromoethane
 Concen: 19.120 ug/l
 RT: 8.57 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

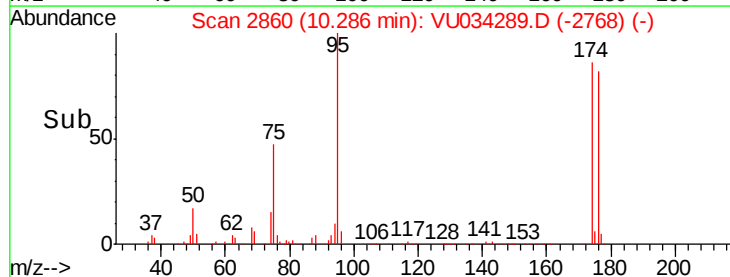
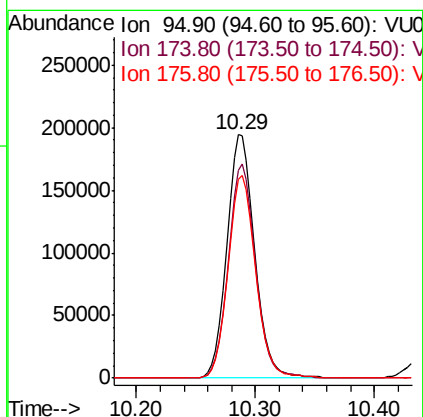
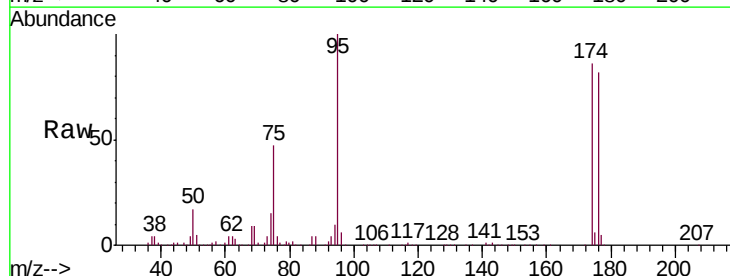
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

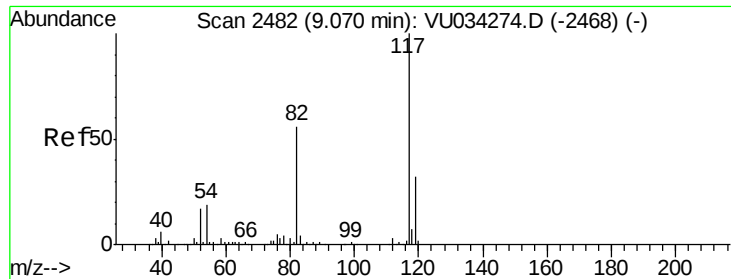
Tgt Ion: 107 Resp: 89990
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.103 ug/l
 RT: 10.29 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 95 Resp: 313216
 Ion Ratio Lower Upper
 95 100
 174 86.7 0.0 175.2
 176 83.1 0.0 168.0

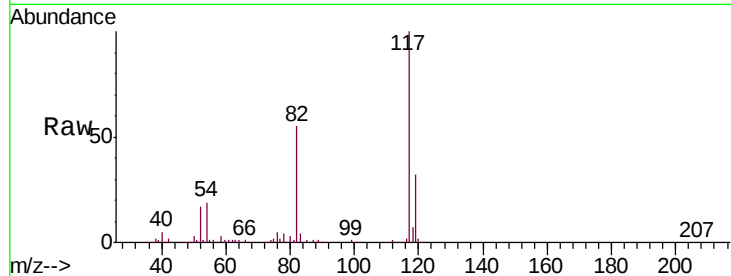




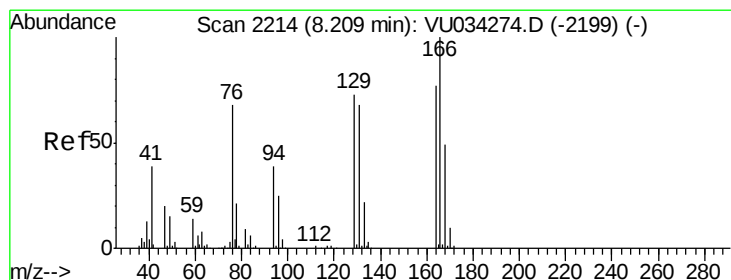
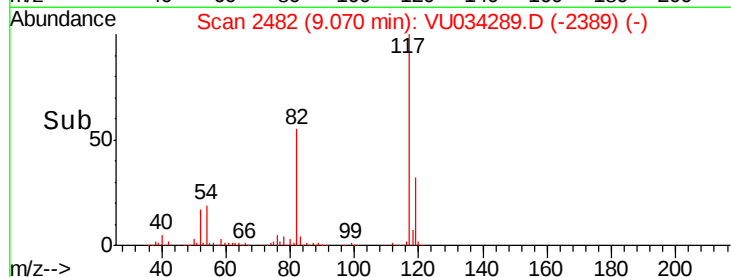
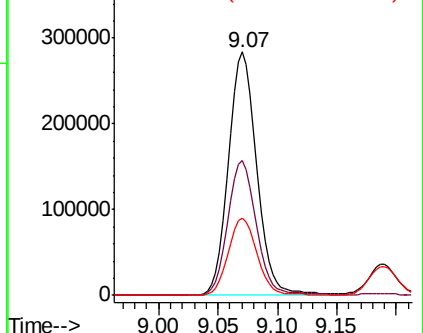
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

Tgt Ion:117 Resp: 469851
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 31.8 25.9 38.9

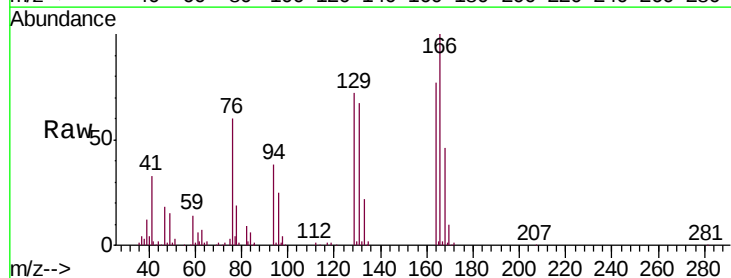


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

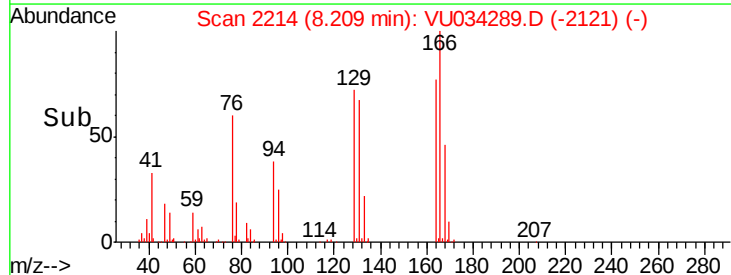
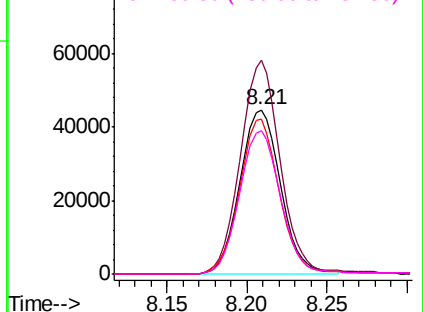


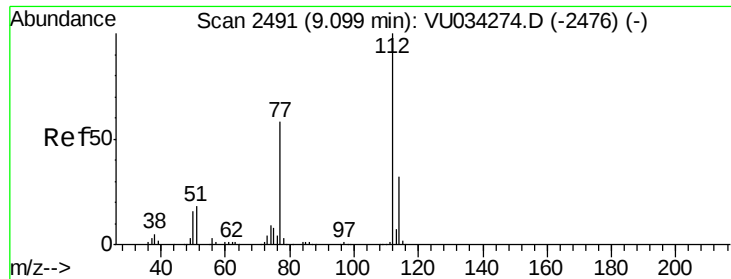
#64
Tetrachloroethene
Concen: 18.986 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion:164 Resp: 77391
Ion Ratio Lower Upper
164 100
166 129.9 103.7 155.5
129 94.0 75.8 113.8
131 86.9 70.7 106.1



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





#65

Chlorobenzene

Concen: 19.383 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

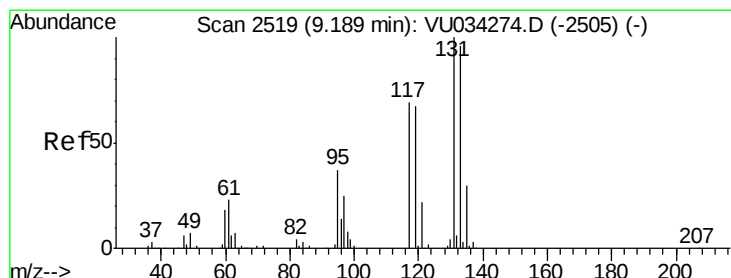
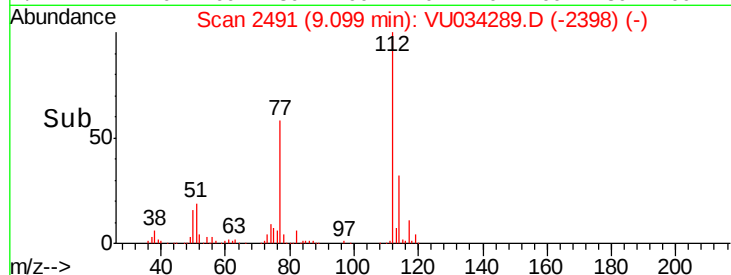
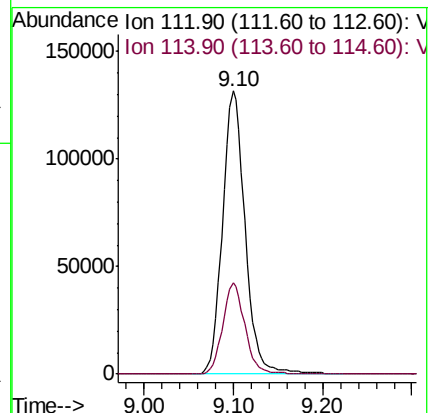
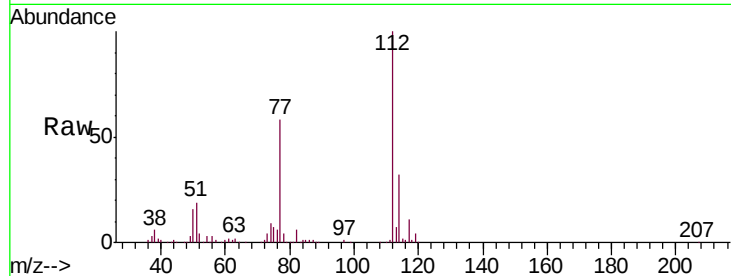
VU0906WBS02

Tgt Ion:112 Resp: 231049

Ion Ratio Lower Upper

112 100

114 32.2 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 18.688 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

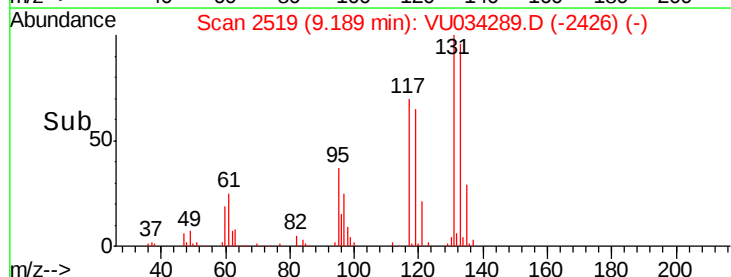
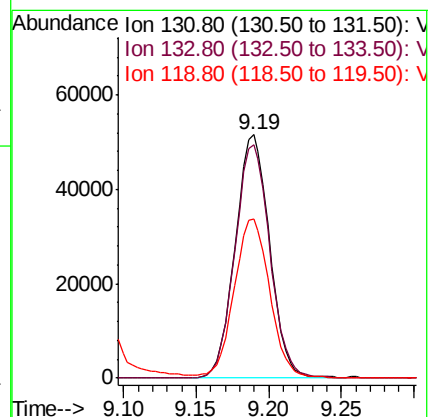
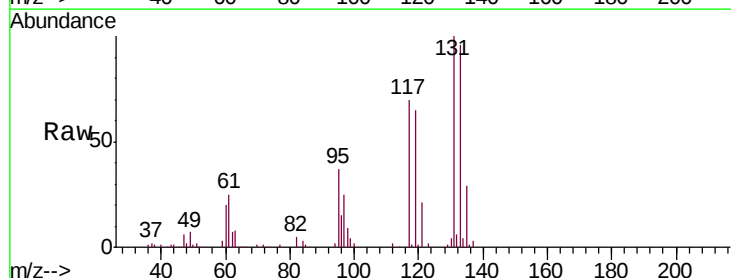
Tgt Ion:131 Resp: 85017

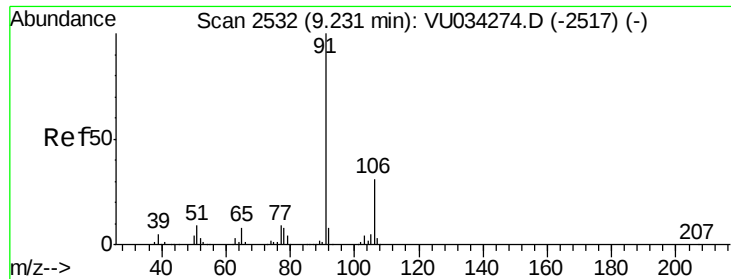
Ion Ratio Lower Upper

131 100

133 97.7 47.9 143.7

119 67.2 33.1 99.5

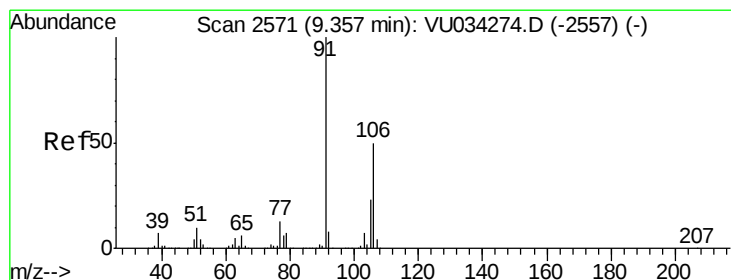
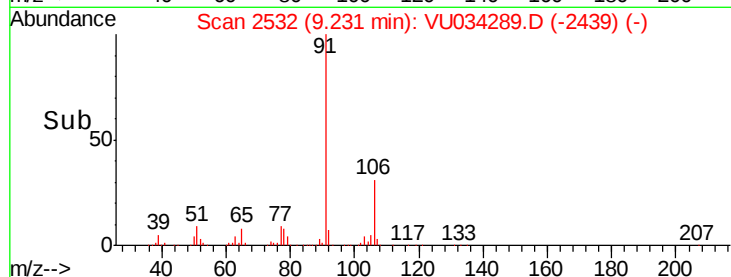
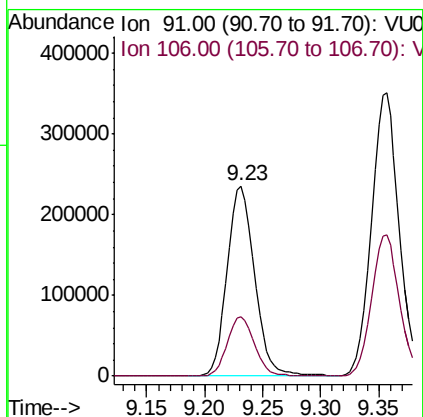
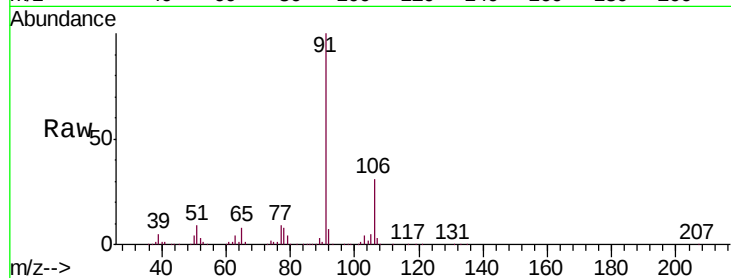




#67
 Ethyl Benzene
 Concen: 19.812 ug/l
 RT: 9.23 min Scan# 2532
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

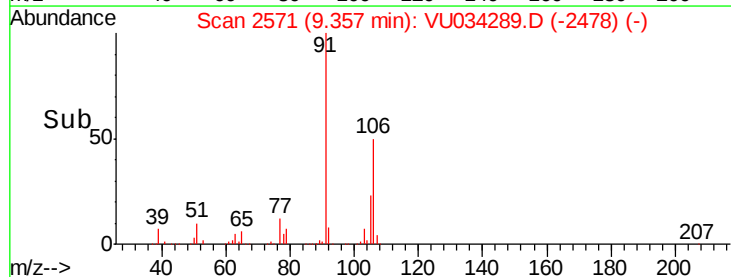
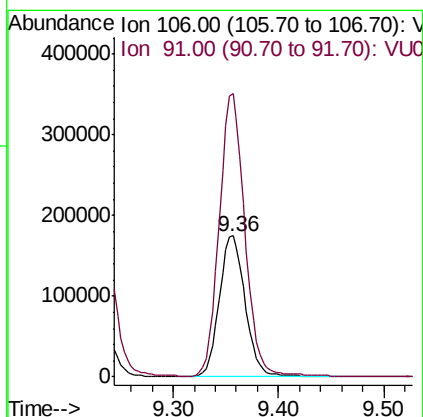
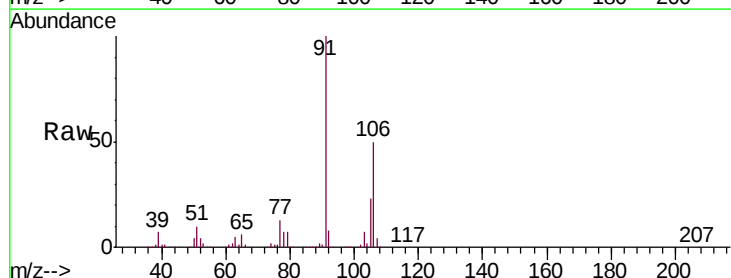
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

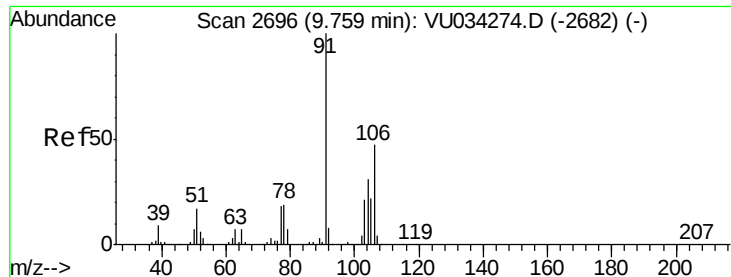
Tgt Ion: 91 Resp: 386136
 Ion Ratio Lower Upper
 91 100
 106 31.3 24.8 37.2



#68
 m/p-Xylenes
 Concen: 40.307 ug/l
 RT: 9.36 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 106 Resp: 295830
 Ion Ratio Lower Upper
 106 100
 91 199.6 160.1 240.1

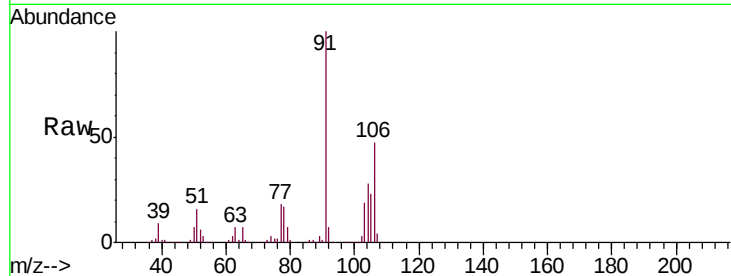




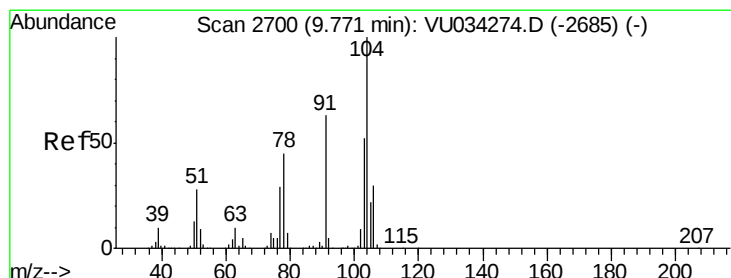
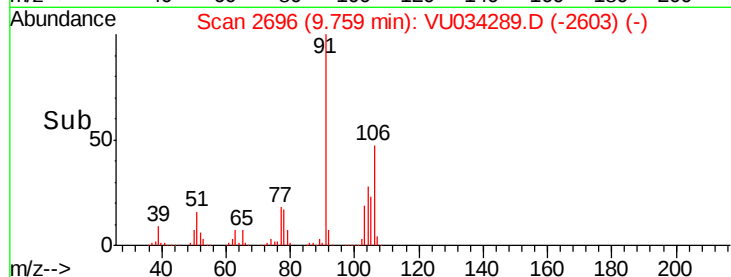
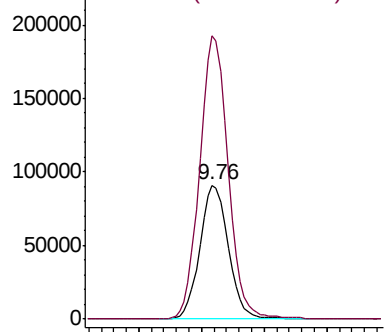
#69
o-Xylene
Concen: 20.107 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

Tgt Ion:106 Resp: 144318
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.3

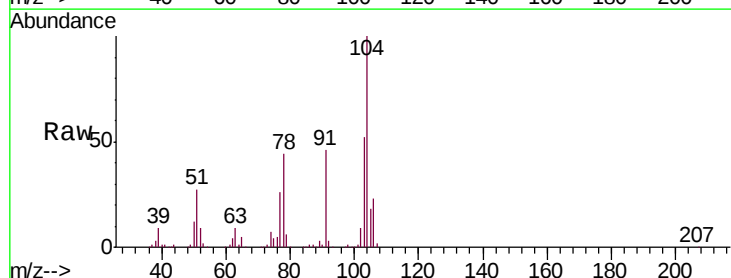


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

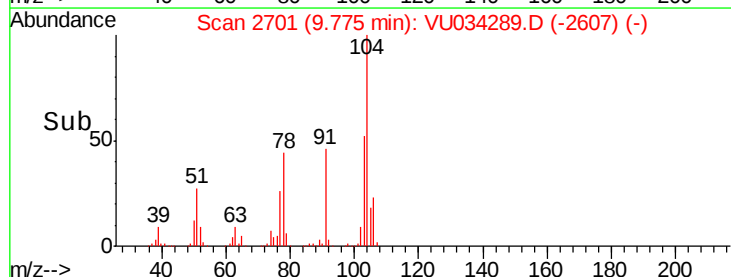
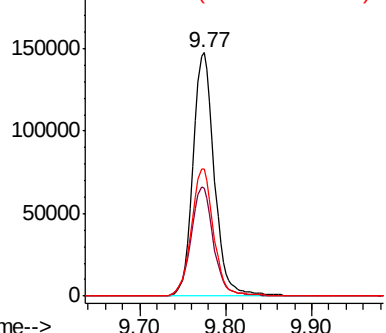


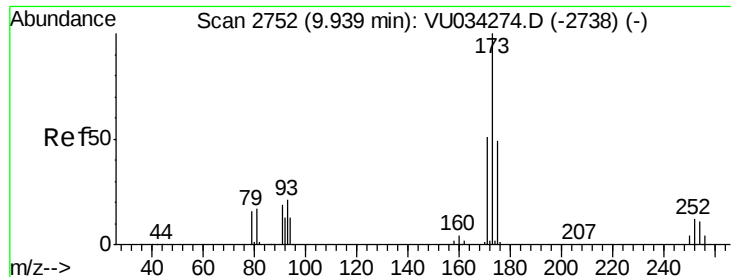
#70
Styrene
Concen: 20.270 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion:104 Resp: 255081
Ion Ratio Lower Upper
104 100
78 47.5 38.6 57.8
103 54.7 44.2 66.4



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





#71

Bromoform

Concen: 18.974 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBS02

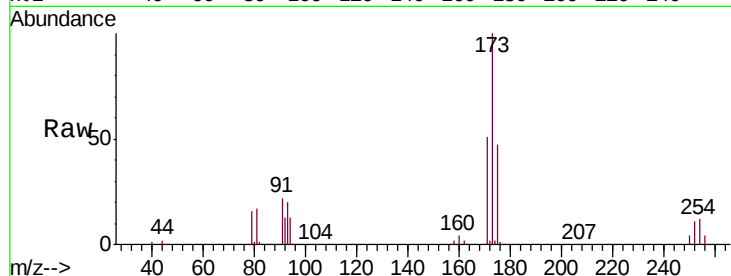
Tgt Ion:173 Resp: 74806

Ion Ratio Lower Upper

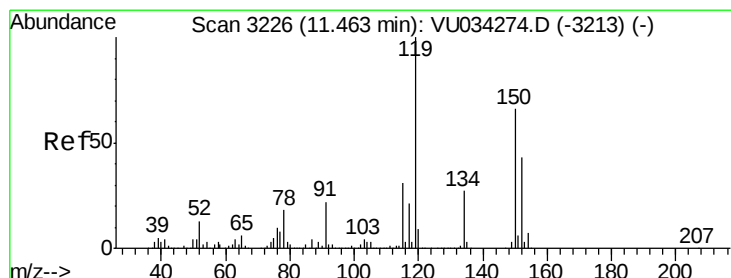
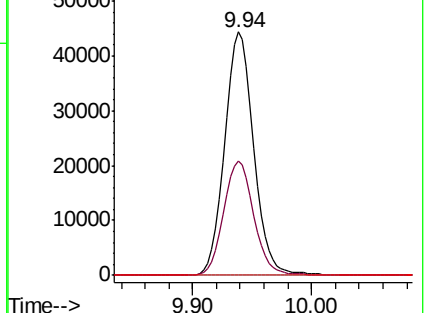
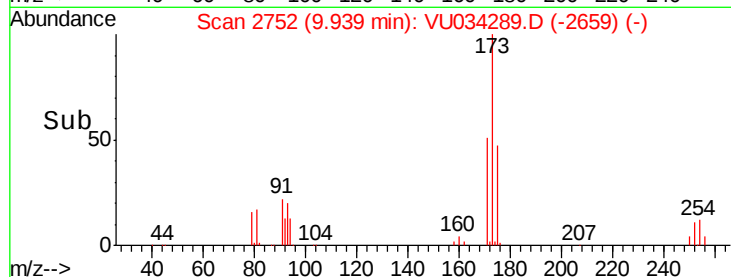
173 100

175 48.5 24.4 73.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

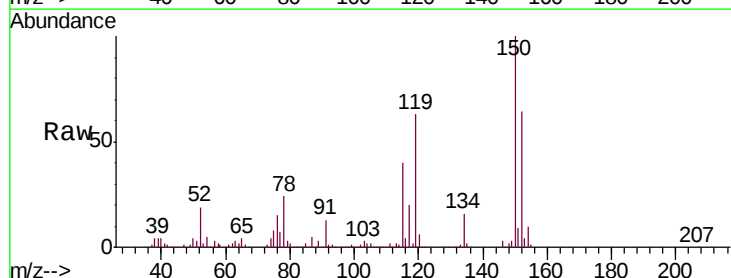
Tgt Ion:152 Resp: 306628

Ion Ratio Lower Upper

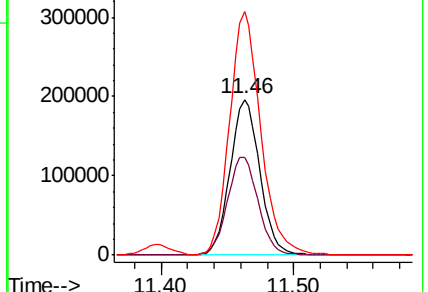
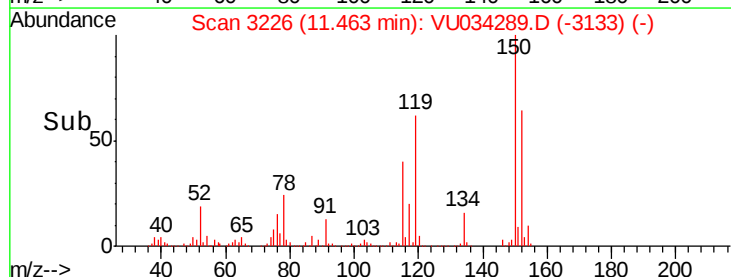
152 100

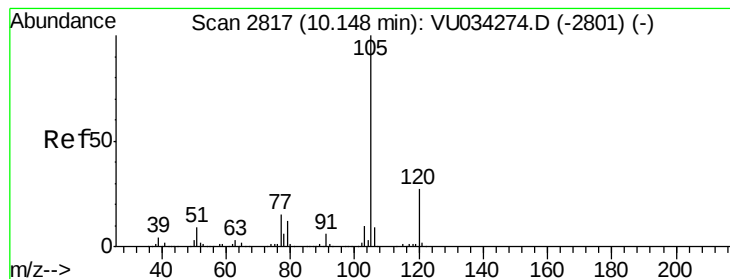
115 65.0 39.1 117.3

150 162.4 0.0 345.4



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





#73

Isopropylbenzene

Concen: 19.851 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

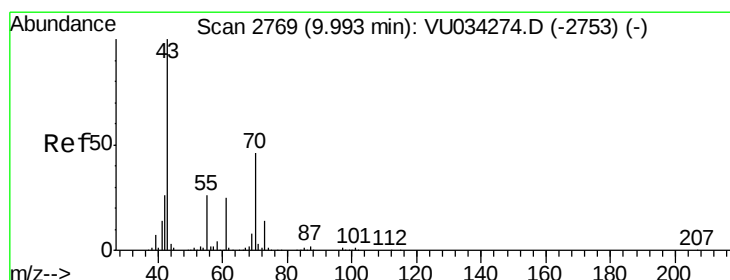
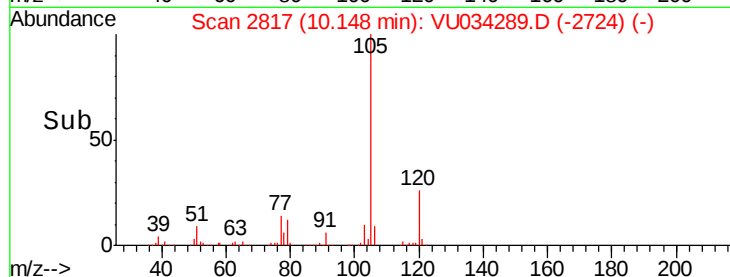
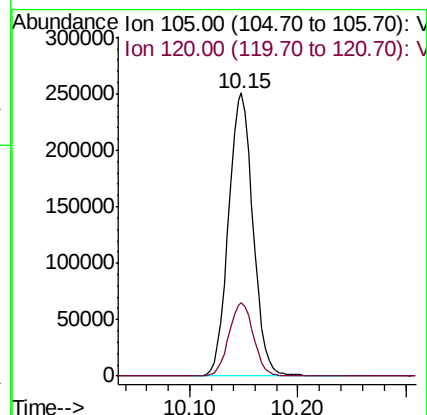
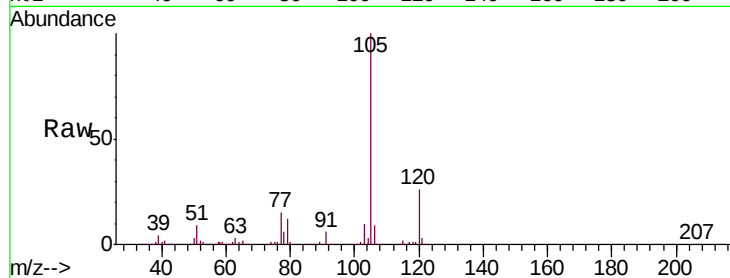
VU0906WBS02

Tgt Ion: 105 Resp: 396126

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



#74

N-ethyl acetate

Concen: 19.782 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Tgt Ion: 43 Resp: 158894

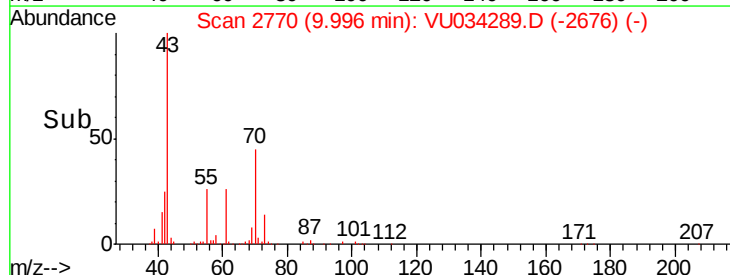
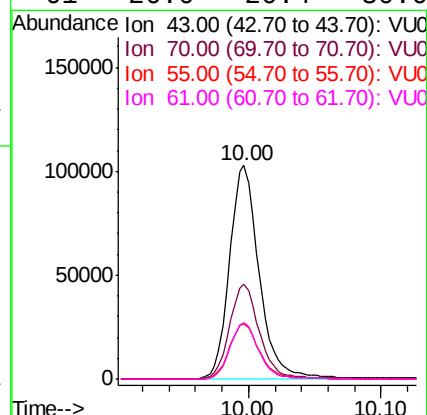
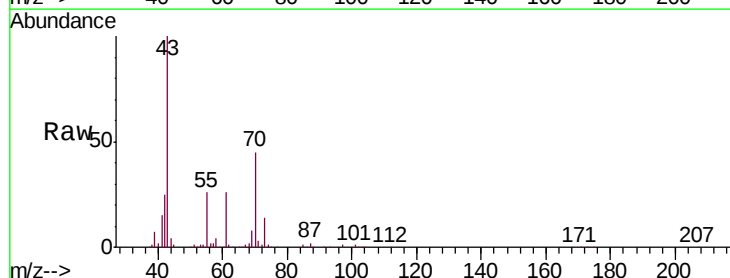
Ion Ratio Lower Upper

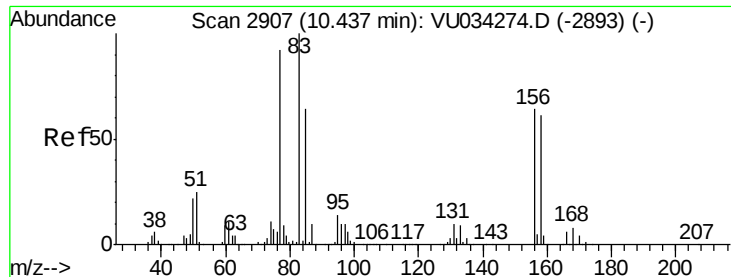
43 100

70 45.1 36.4 54.6

55 26.2 21.2 31.8

61 26.0 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.776 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBS02

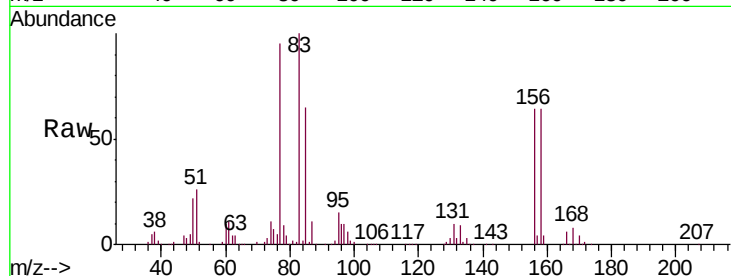
Tgt Ion: 83 Resp: 151654

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

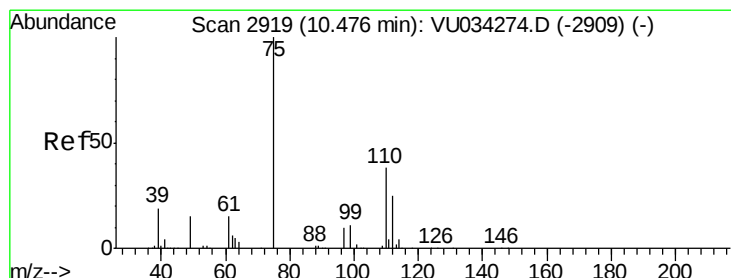
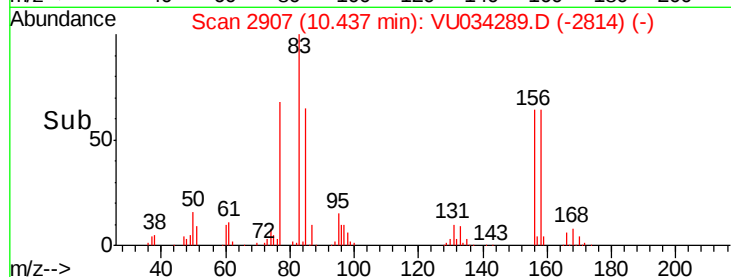
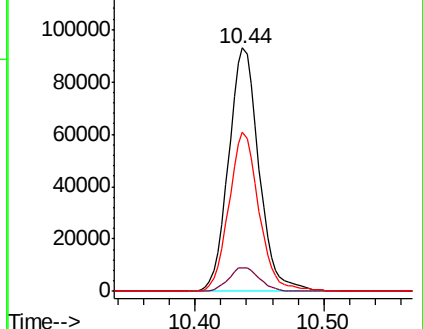
85 64.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU034289.D (-2814) (-)

Ion 130.80 (130.50 to 131.50): VU034289.D (-2814) (-)

Ion 84.90 (84.60 to 85.60): VU034289.D (-2814) (-)



#76

1,2,3-Trichloropropane

Concen: 24.442 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034289.D

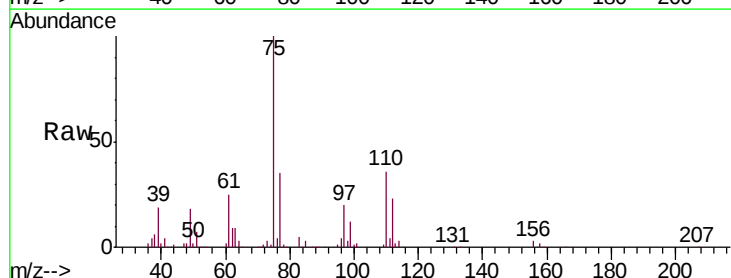
Acq: 05 Sep 2019 17:28

Tgt Ion: 75 Resp: 163597

Ion Ratio Lower Upper

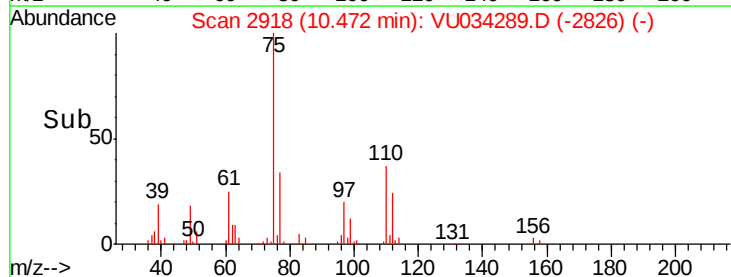
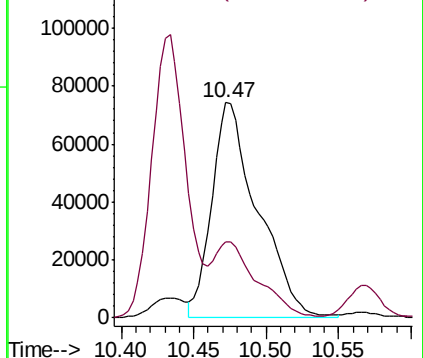
75 100

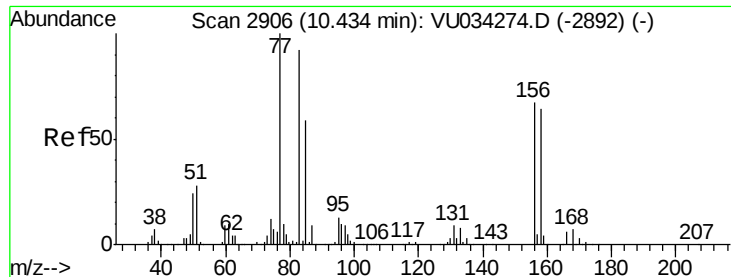
77 33.2 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034289.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034289.D (-2826) (-)





#77

Bromobenzene

Concen: 19.316 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBS02

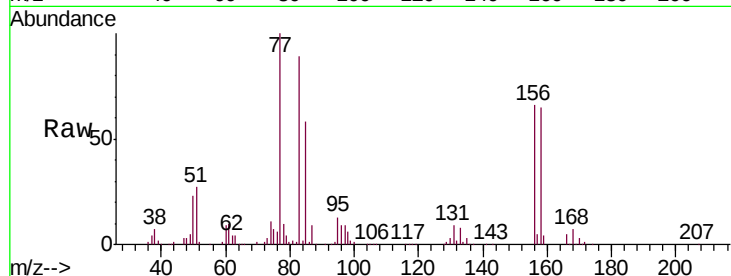
Tgt Ion:156 Resp: 107777

Ion Ratio Lower Upper

156 100

77 150.6 75.6 226.9

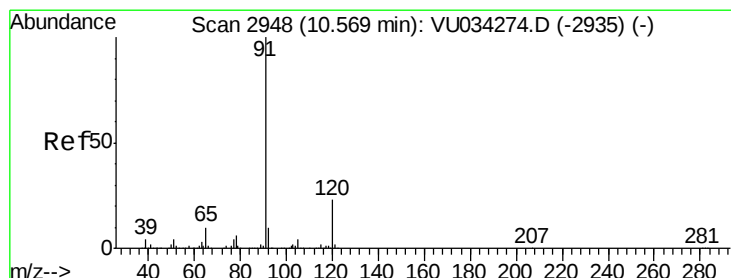
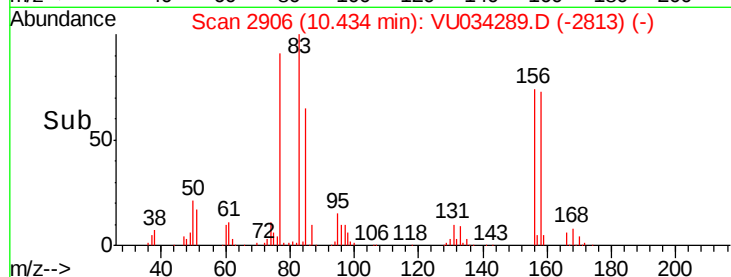
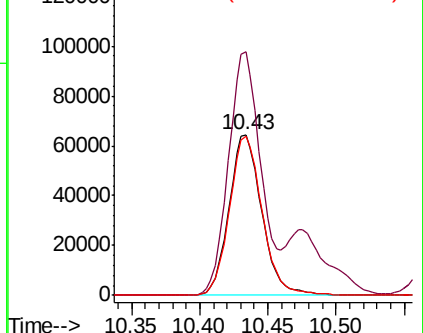
158 98.8 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.861 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034289.D

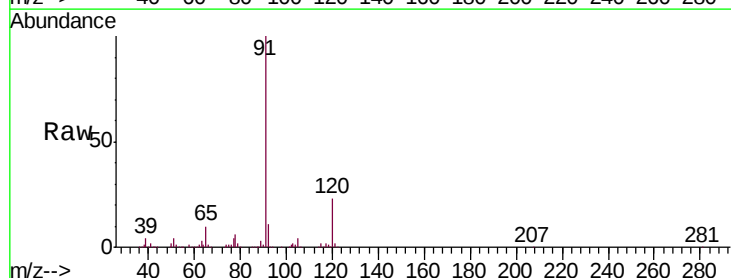
Acq: 05 Sep 2019 17:28

Tgt Ion: 91 Resp: 457698

Ion Ratio Lower Upper

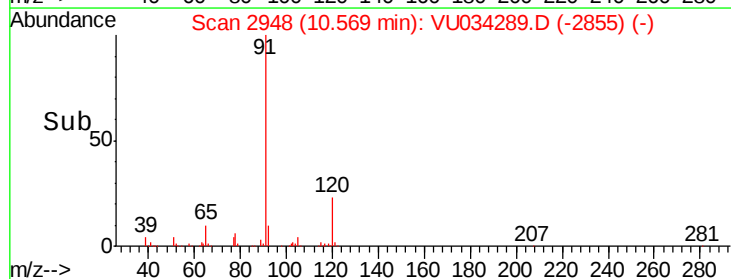
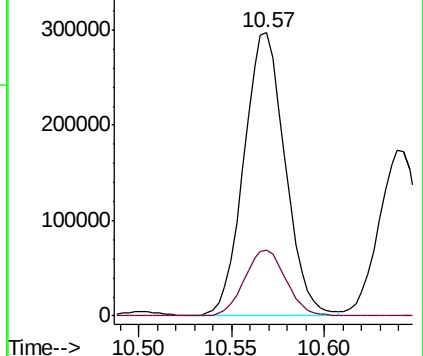
91 100

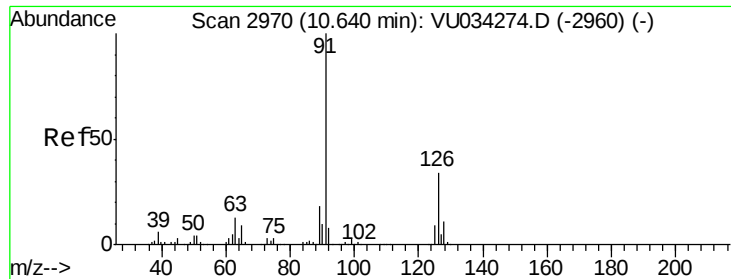
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.688 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. 0.00 min

Lab File: VU034289.D

Acq: 05 Sep 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

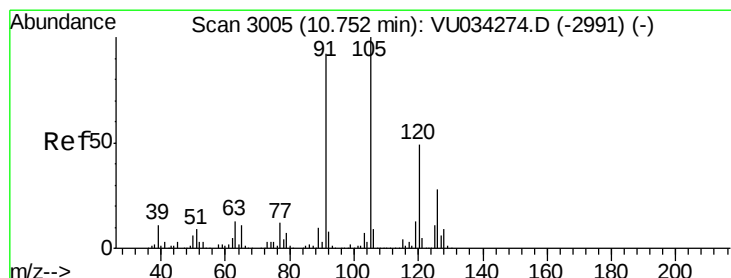
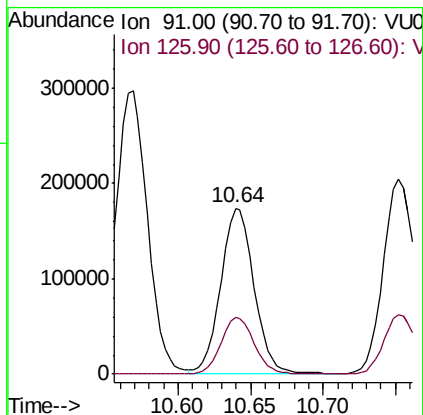
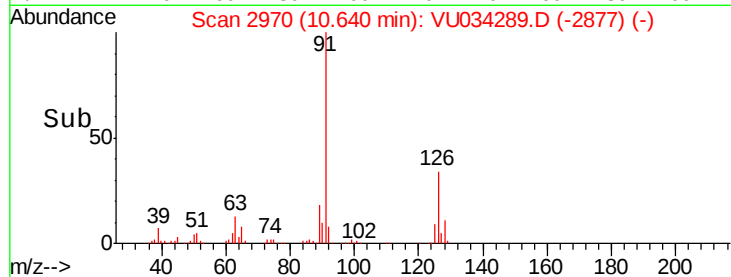
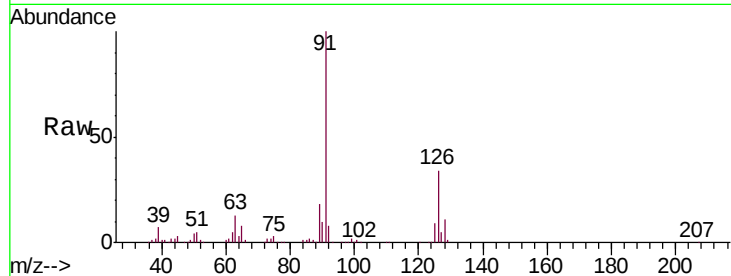
VU0906WBS02

Tgt Ion: 91 Resp: 276838

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 20.520 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034289.D

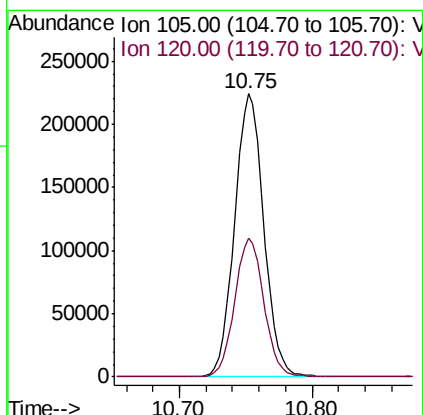
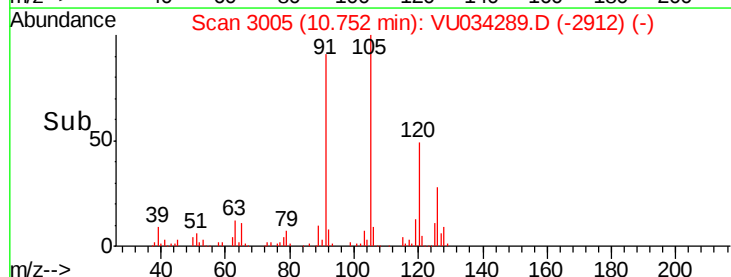
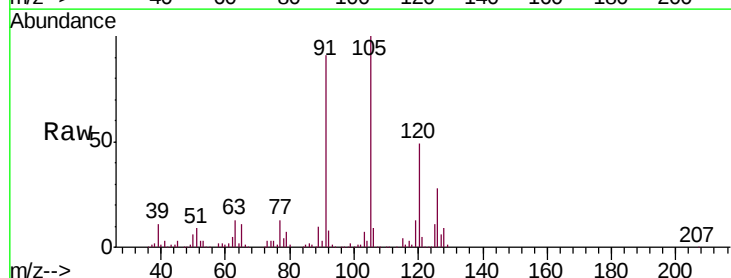
Acq: 05 Sep 2019 17:28

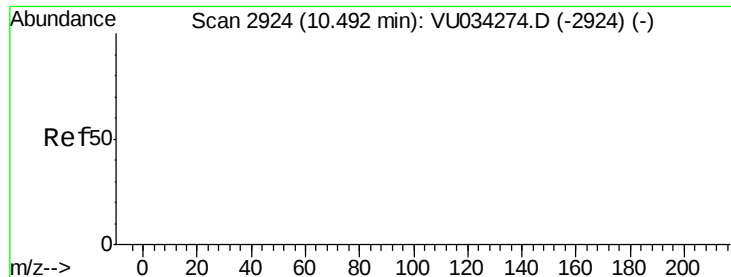
Tgt Ion: 105 Resp: 342458

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.7

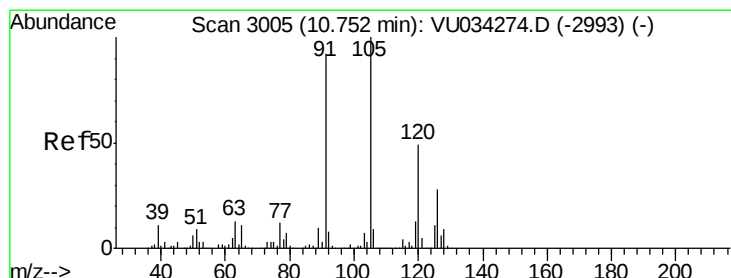
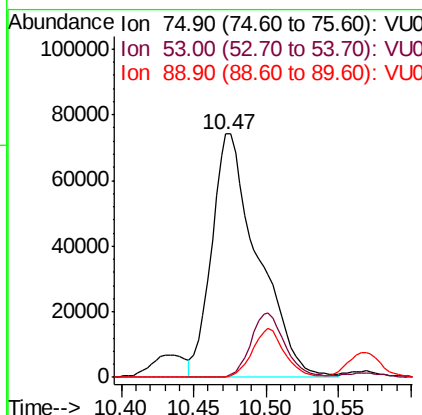
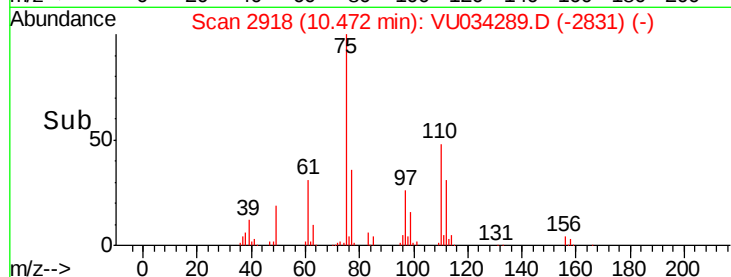
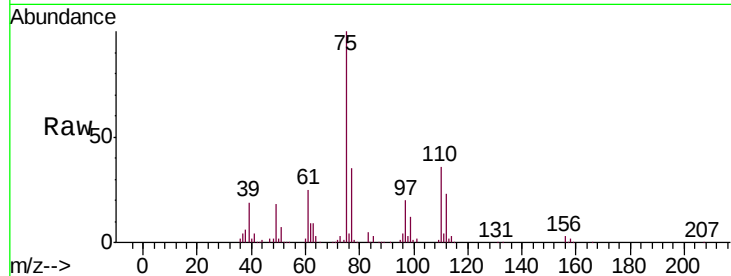




#81
trans-1,4-Dichloro-2-butene
Concen: 82.198 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

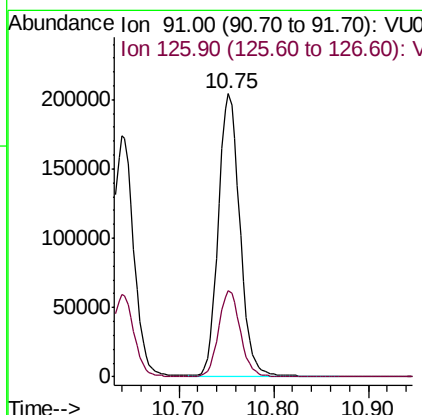
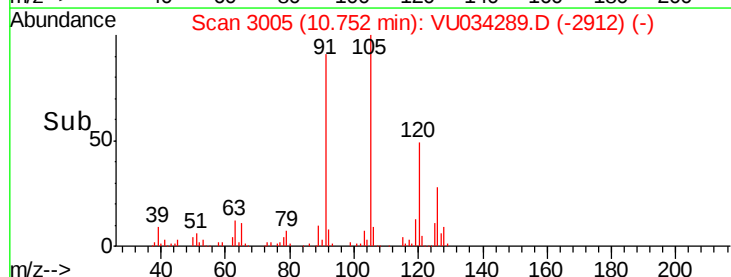
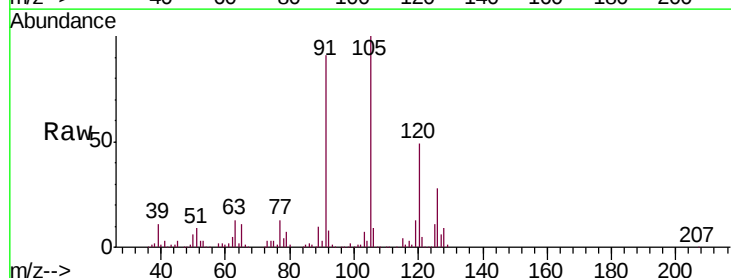
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

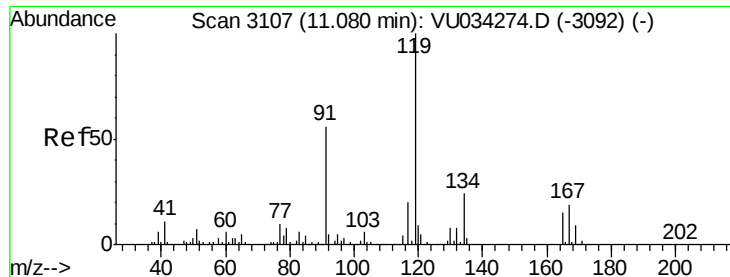
Tgt Ion: 75 Resp: 163597
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 19.900 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion: 91 Resp: 322012
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.8

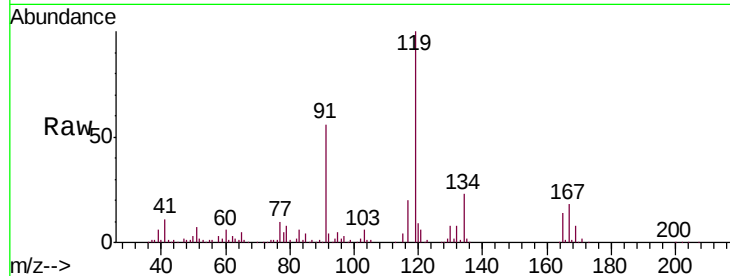




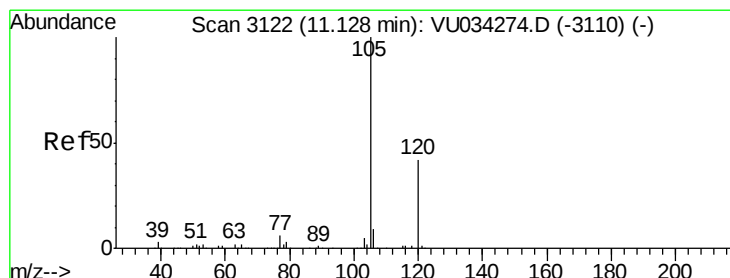
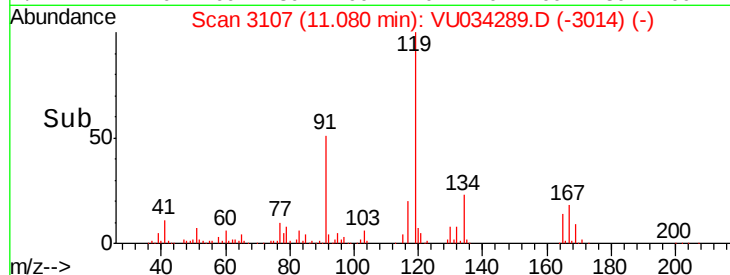
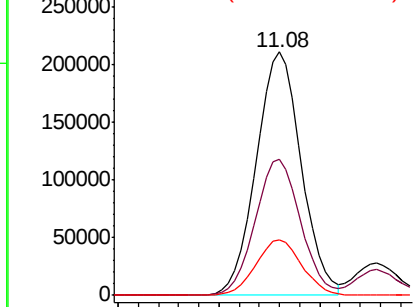
#83
 tert-Butylbenzene
 Concen: 19.676 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

Tgt Ion:119 Resp: 328502
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.8 83.4
 134 23.3 11.7 35.0

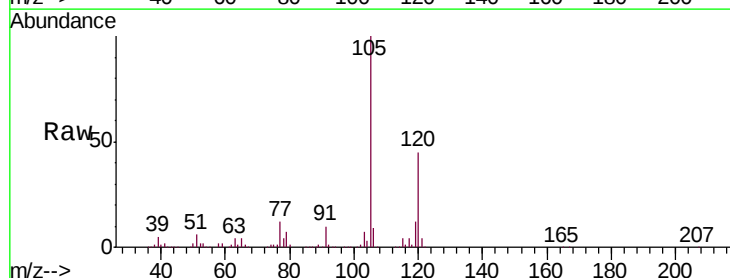


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

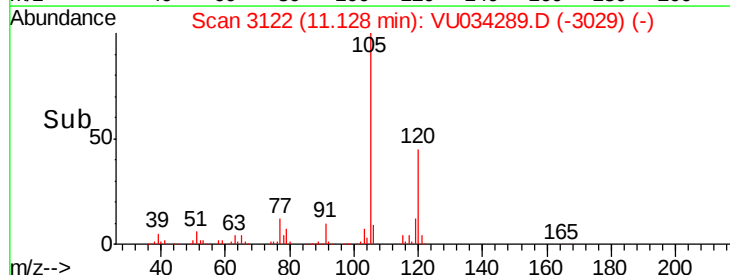
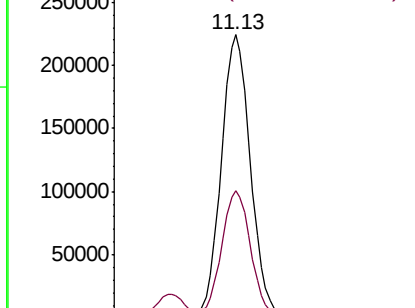


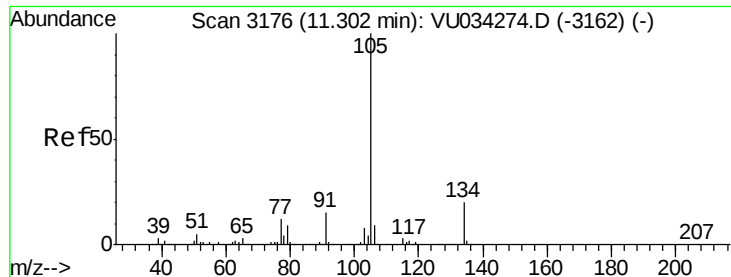
#84
 1,2,4-Trimethylbenzene
 Concen: 20.382 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion:105 Resp: 342400
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8



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

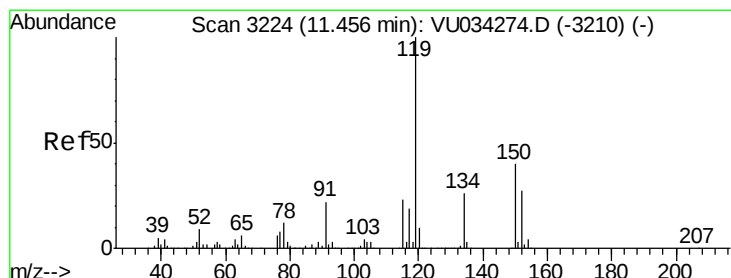
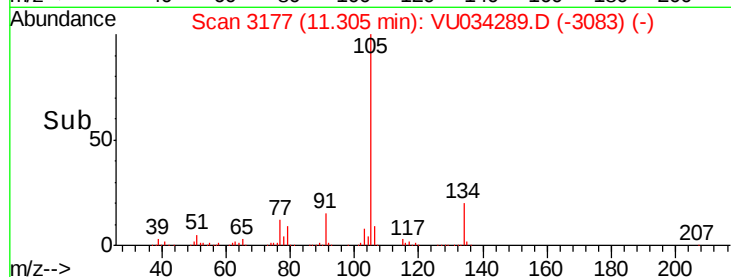
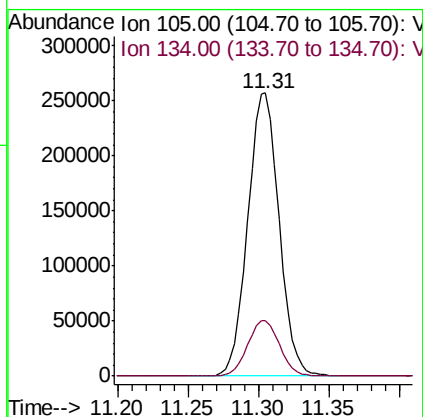
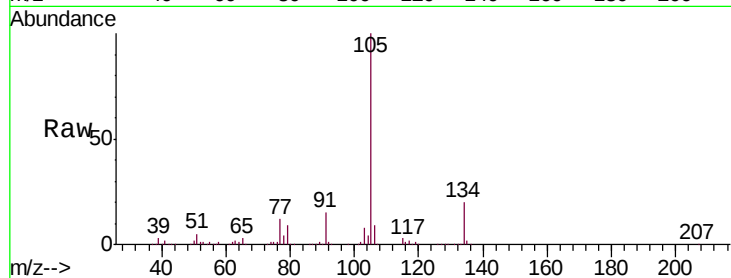




#85
 sec-Butylbenzene
 Concen: 20.259 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

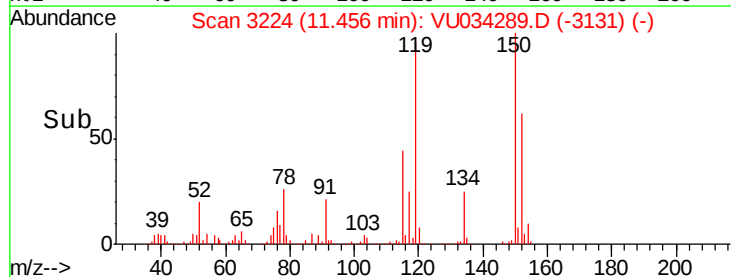
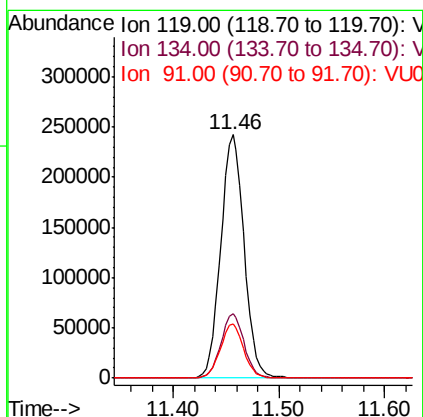
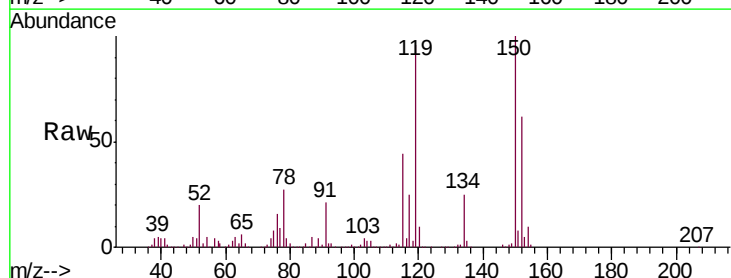
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

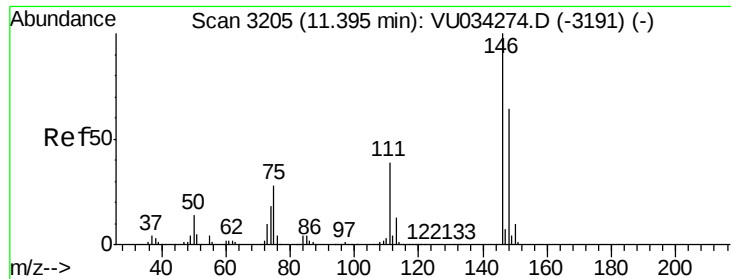
Tgt Ion:105 Resp: 399308
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.297 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion:119 Resp: 369242
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 22.0 11.2 33.6

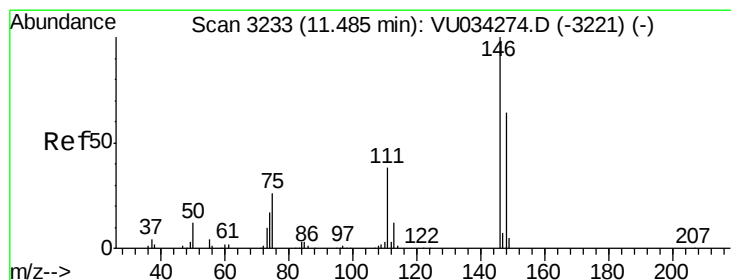
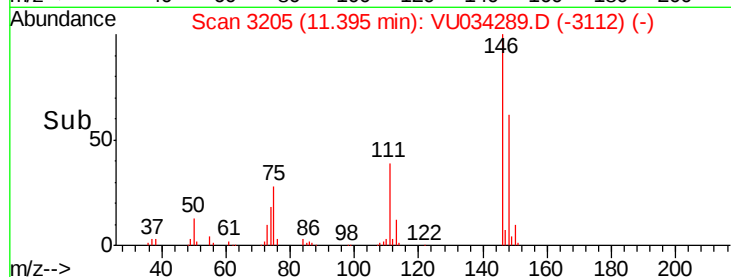
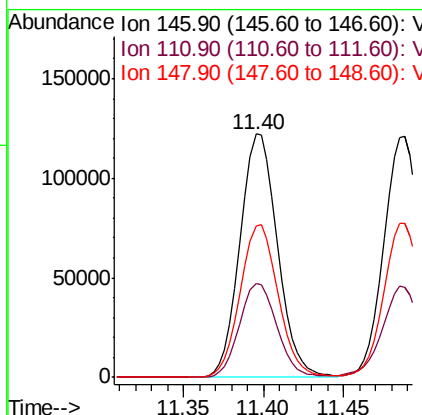
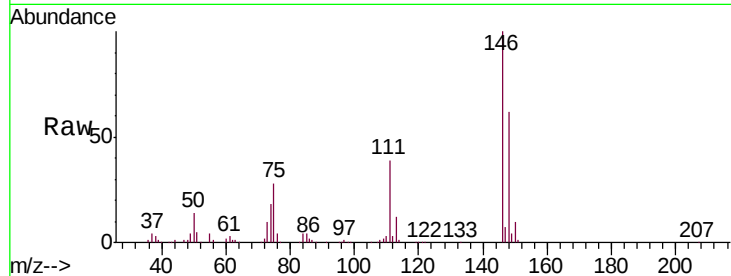




#87
 1,3-Dichlorobenzene
 Concen: 19.209 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

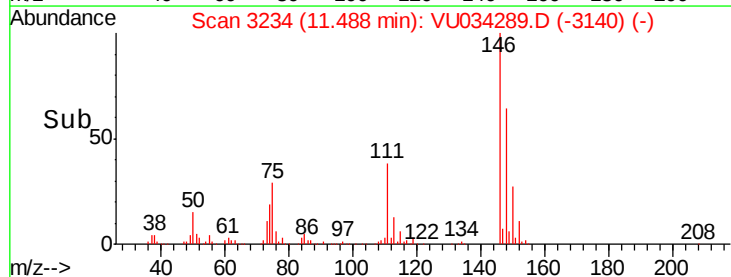
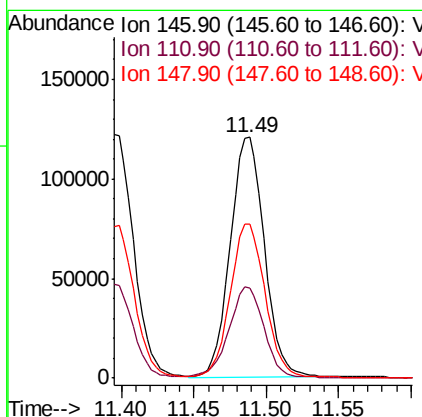
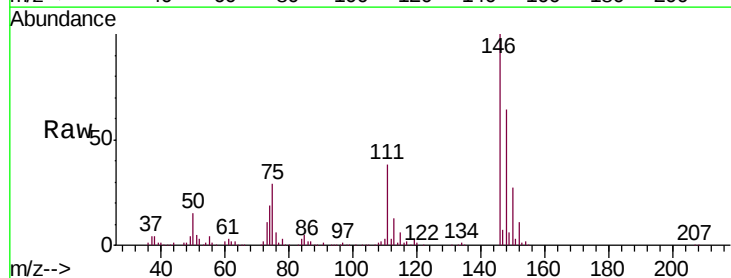
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

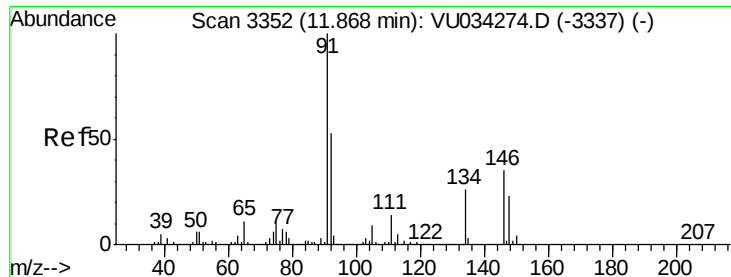
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	63.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.504 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.3
148	65.9	32.0	96.0

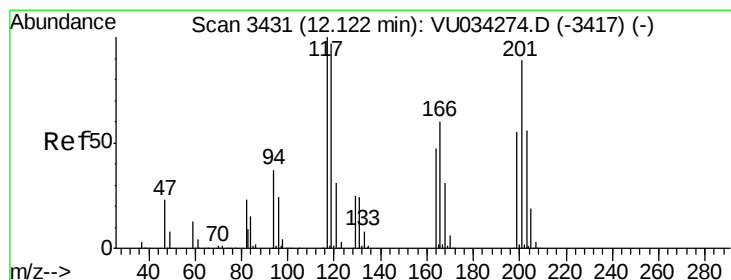
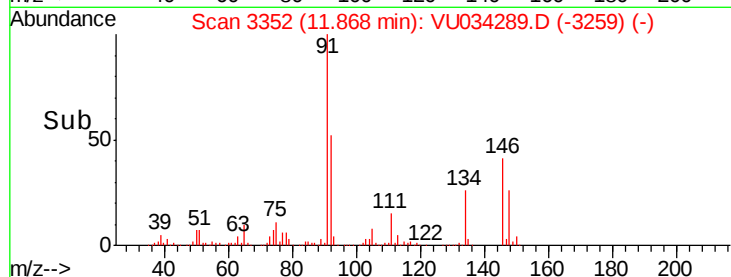
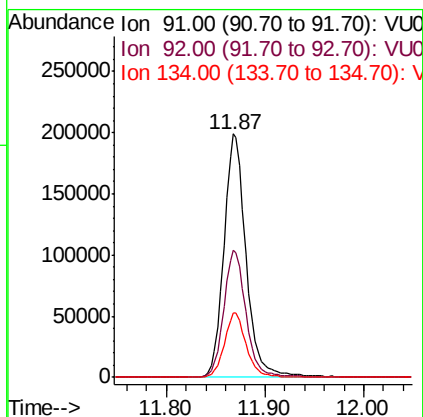
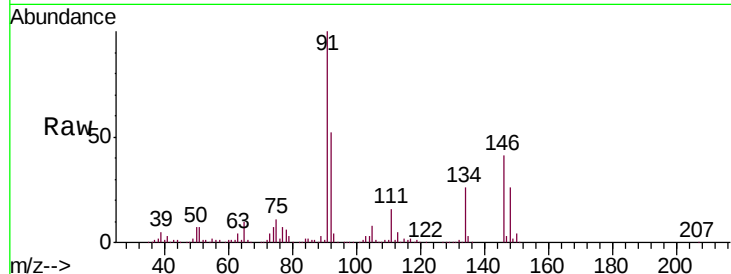




#89
n-Butylbenzene
Concen: 19.942 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

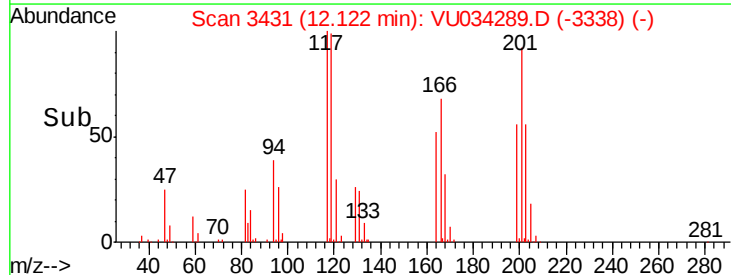
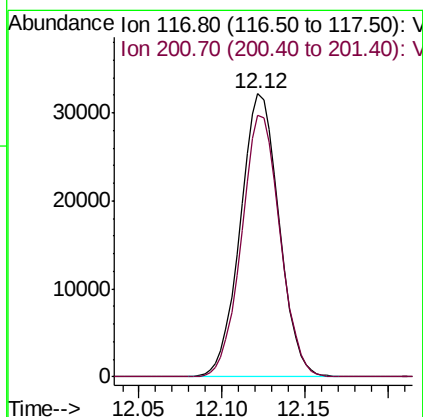
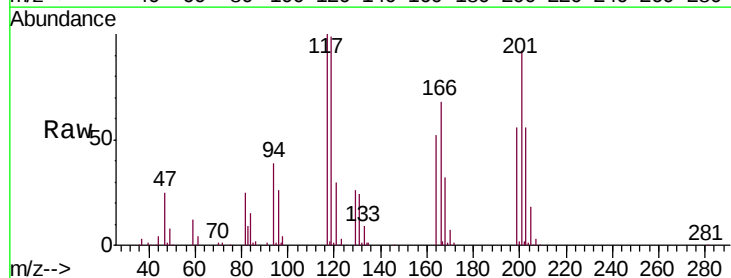
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

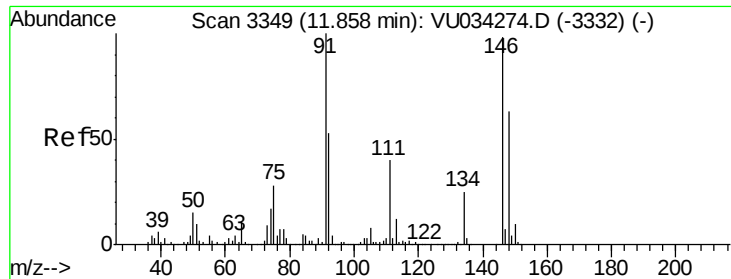
Tgt Ion: 91 Resp: 315262
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.4
134 26.0 13.2 39.6



#90
Hexachloroethane
Concen: 17.954 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion: 117 Resp: 52254
Ion Ratio Lower Upper
117 100
201 91.5 44.1 132.4

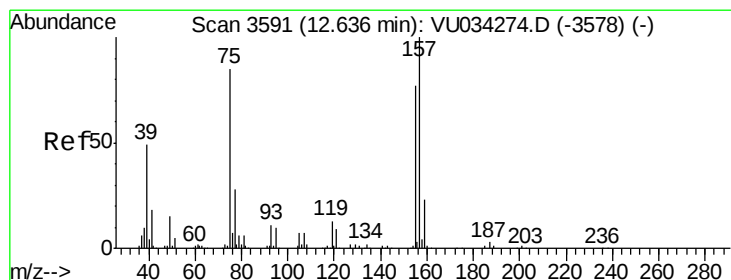
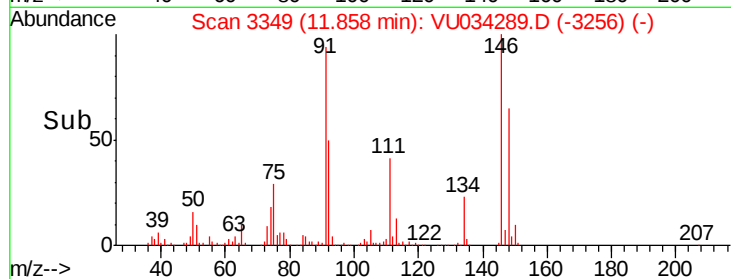
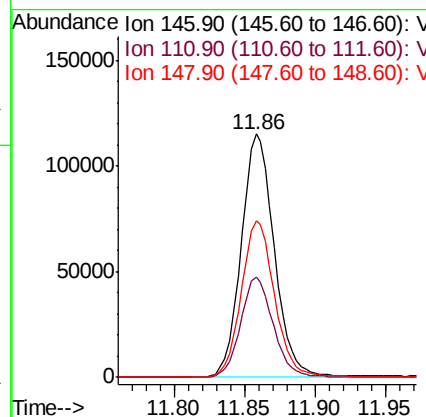
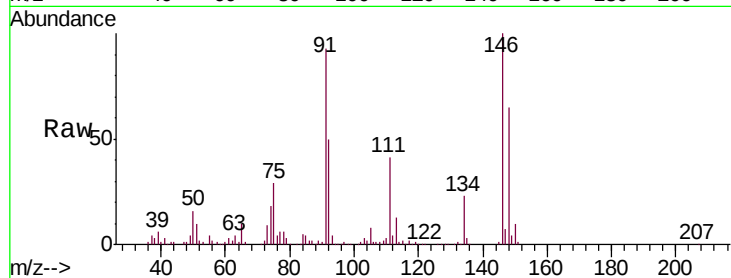




#91
 1,2-Dichlorobenzene
 Concen: 18.817 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

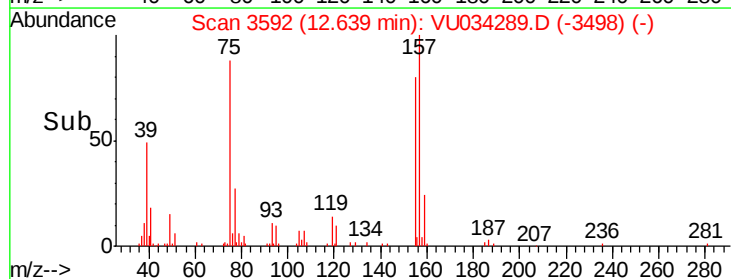
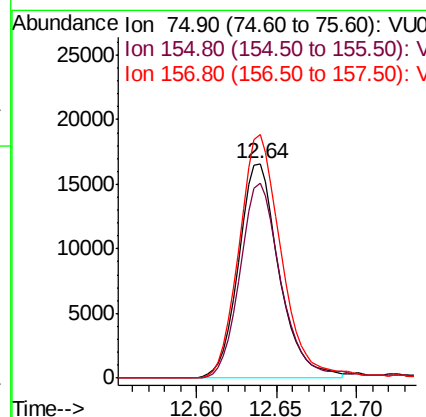
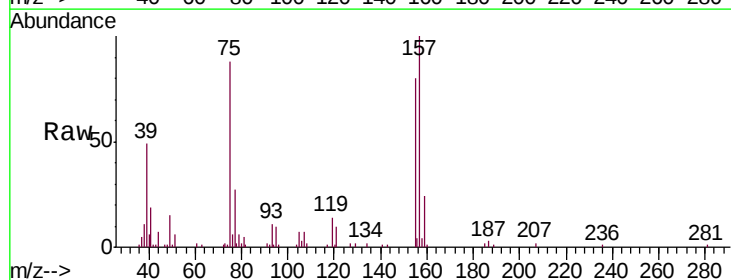
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

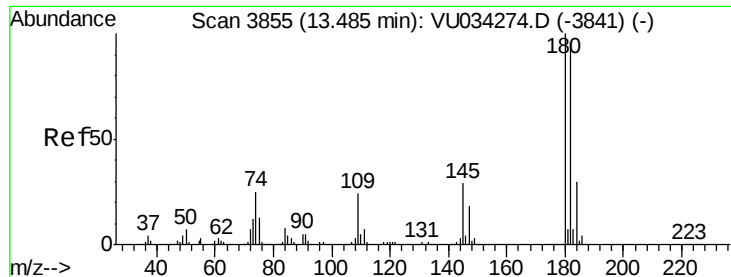
Tgt Ion: 146 Resp: 188287
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.0 60.0
 148 65.5 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.312 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion: 75 Resp: 28664
 Ion Ratio Lower Upper
 75 100
 155 92.5 44.6 134.0
 157 118.6 58.2 174.6

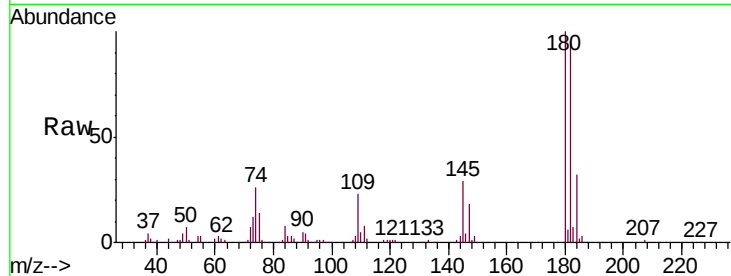




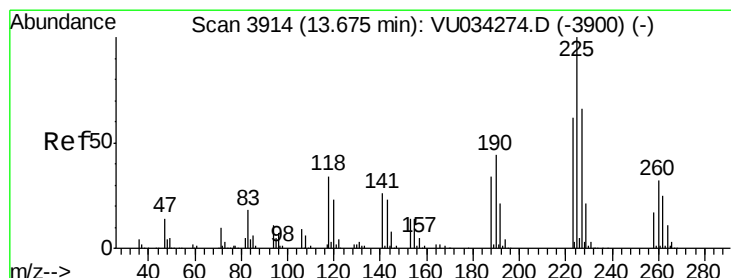
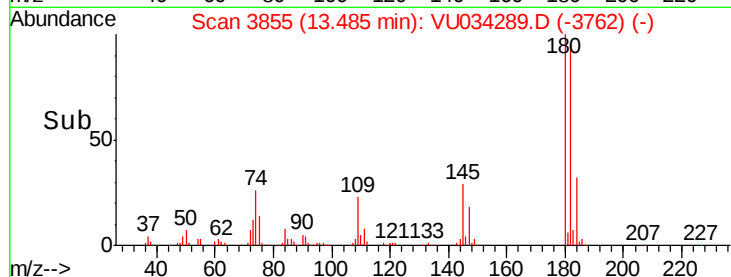
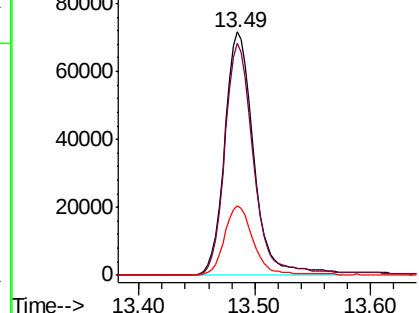
#93
 1,2,4-Trichlorobenzene
 Concen: 19.450 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBS02

Tgt Ion:180 Resp: 124707
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.8
 145 28.8 14.4 43.0

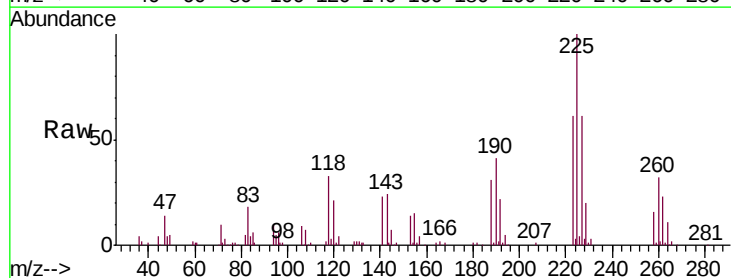


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

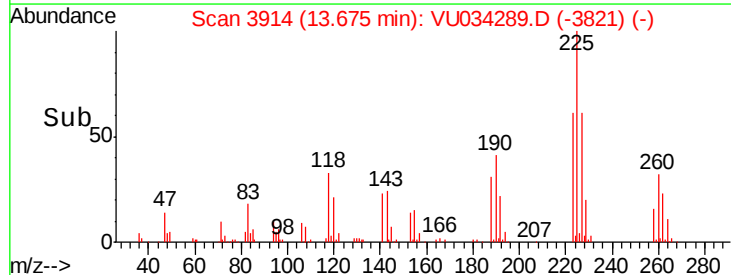
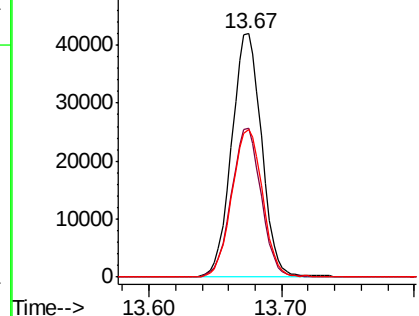


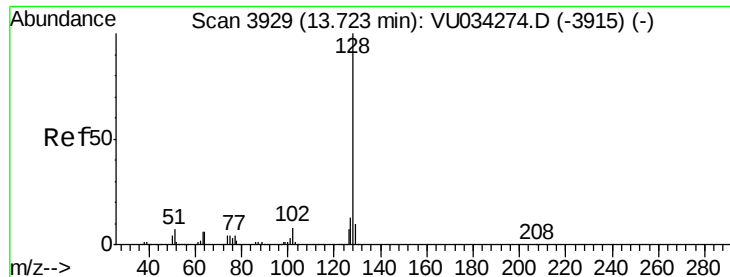
#94
 Hexachlorobutadiene
 Concen: 18.814 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034289.D
 Acq: 05 Sep 2019 17:28

Tgt Ion:225 Resp: 65851
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.6 94.7
 227 61.9 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

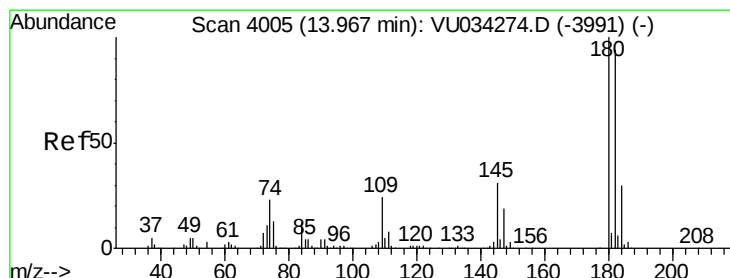
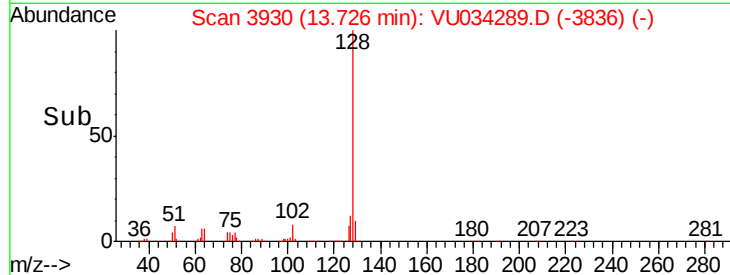
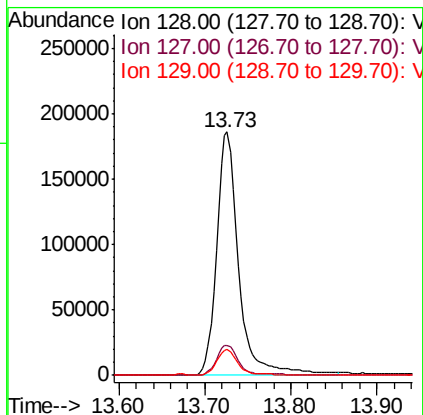
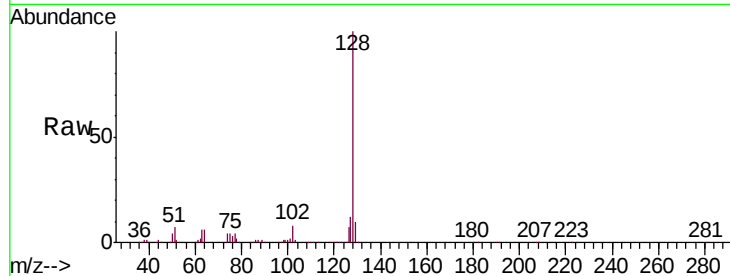




#95
Naphthalene
Concen: 18.994 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBS02

Tgt Ion:128 Resp: 333575
Ion Ratio Lower Upper
128 100
127 12.4 10.6 15.8
129 10.3 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.414 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034289.D
Acq: 05 Sep 2019 17:28

Tgt Ion:180 Resp: 124141
Ion Ratio Lower Upper
180 100
182 93.6 48.4 145.0
145 30.2 15.4 46.4

