

Data File : VU025660.D
Acq On : 27 Jul 2018 10:41
Operator : MD/SY
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Quant Time: Aug 07 05:42:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	169454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	253646	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153543	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	55401	20.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.96%	
35) Dibromofluoromethane	4.89	113	45072	20.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.86%	
50) Toluene-d8	7.57	98	158014	20.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.94%	
62) 4-Bromofluorobenzene	10.31	95	57966	19.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	57153	22.315	ug/l	99
3) Chloromethane	1.33	50	51992	21.239	ug/l	97
4) Vinyl Chloride	1.41	62	47268	20.518	ug/l	99
5) Bromomethane	1.63	94	24721	21.971	ug/l	99
6) Chloroethane	1.70	64	27620	20.504	ug/l	98
7) Trichlorofluoromethane	1.89	101	69737	20.937	ug/l	99
8) Diethyl Ether	2.10	74	24650	20.454	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	39576	20.532	ug/l	100
10) Methyl Iodide	2.41	142	23707	19.515	ug/l	99
11) Tert butyl alcohol	2.82	59	57046	98.686	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36920	20.292	ug/l	94
13) Acrolein	2.19	56	20424	96.312	ug/l	96
14) Allyl chloride	2.59	41	63950	19.558	ug/l	99
15) Acrylonitrile	2.94	53	118417	102.602	ug/l	99
16) Acetone	2.32	43	135508	105.270	ug/l	98
17) Carbon Disulfide	2.48	76	115506	19.616	ug/l	100
18) Methyl Acetate	2.62	43	67282	21.716	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	132001	20.020	ug/l	99
20) Methylene Chloride	2.71	84	46108	20.211	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	41648	19.802	ug/l	98
22) Diisopropyl ether	3.57	45	132162	20.512	ug/l	97
23) Vinyl Acetate	3.53	43	566638	100.913	ug/l	100
24) 1,1-Dichloroethane	3.45	63	79083	20.447	ug/l	99
25) 2-Butanone	4.27	43	182197	103.976	ug/l	99
26) 2,2-Dichloropropane	4.23	77	74156	21.094	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	47452	20.011	ug/l	100
28) Bromochloromethane	4.55	49	34166	19.757	ug/l	99
29) Tetrahydrofuran	4.64	42	108117	102.986	ug/l	98
30) Chloroform	4.68	83	83365	20.420	ug/l	99
31) Cyclohexane	5.00	56	69583	19.866	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	75325	20.493	ug/l	97
36) 1,1-Dichloropropene	5.14	75	59864	20.195	ug/l	99
37) Ethyl Acetate	4.38	43	64518	20.991	ug/l	99
38) Carbon Tetrachloride	5.14	117	68146	20.297	ug/l	99

Data File : VU025660.D
Acq On : 27 Jul 2018 10:41
Operator : MD/SY
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Quant Time: Aug 07 05:42:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	66664	19.628	ug/l	98
40) Benzene	5.39	78	174617	20.153	ug/l	99
41) Methacrylonitrile	4.54	41	34542	20.233	ug/l	98
42) 1,2-Dichloroethane	5.41	62	69556	20.848	ug/l	100
43) Isopropyl Acetate	5.55	43	103969	20.470	ug/l	99
44) Trichloroethene	6.19	130	48593	20.138	ug/l	97
45) 1,2-Dichloropropane	6.44	63	45542	20.153	ug/l	94
46) Dibromomethane	6.56	93	32422	19.801	ug/l	98
47) Bromodichloromethane	6.76	83	62128	19.891	ug/l	97
48) Methyl methacrylate	6.63	41	50847	20.426	ug/l	98
49) 1,4-Dioxane	6.62	88	23545	388.674	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	327611	103.027	ug/l	99
52) Toluene	7.64	92	109117	20.271	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	70207	20.019	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	73435	20.385	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	45435	20.310	ug/l	98
56) Ethyl methacrylate	8.02	69	62817	19.653	ug/l	100
57) 1,3-Dichloropropane	8.25	76	75833	20.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	133603	96.770	ug/l	100
59) 2-Hexanone	8.36	43	254657	102.164	ug/l	99
60) Dibromochloromethane	8.48	129	51682	19.591	ug/l	99
61) 1,2-Dibromoethane	8.59	107	50217	20.185	ug/l	99
64) Tetrachloroethene	8.23	164	43343	20.188	ug/l	97
65) Chlorobenzene	9.12	112	127859	20.332	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	48349	21.253	ug/l	98
67) Ethyl Benzene	9.25	91	211704	20.323	ug/l	96
68) m/p-Xylenes	9.38	106	163809	40.960	ug/l	99
69) o-Xylene	9.78	106	79148	20.250	ug/l	99
70) Styrene	9.80	104	129157	20.458	ug/l	99
71) Bromoform	9.96	173	38386	19.460	ug/l #	97
73) Isopropylbenzene	10.17	105	215500	20.564	ug/l	100
74) N-amyl acetate	10.01	43	87335	20.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	73721	20.342	ug/l	97
76) 1,2,3-Trichloropropane	10.50	75	85504	25.274	ug/l	83
77) Bromobenzene	10.45	156	56711	19.619	ug/l	98
78) n-propylbenzene	10.59	91	251434	20.556	ug/l	100
79) 2-Chlorotoluene	10.66	91	148396	20.713	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	185931	20.891	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	85504	63.375	ug/l #	100
82) 4-Chlorotoluene	10.78	91	176237	20.869	ug/l	99
83) tert-Butylbenzene	11.10	119	179773	20.330	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	187472	20.786	ug/l	98
85) sec-Butylbenzene	11.33	105	223512	20.703	ug/l	100
86) p-Isopropyltoluene	11.48	119	197913	20.472	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	108458	20.214	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	110997	19.846	ug/l	98
89) n-Butylbenzene	11.89	91	179416	20.112	ug/l	99
90) Hexachloroethane	12.15	117	33046	19.226	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	106608	20.271	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17092	19.894	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Quantitation Report (Not Reviewed)

Data File : VU025660.D
Acq On : 27 Jul 2018 10:41
Operator : MD/SY
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Quant Time: Aug 07 05:42:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

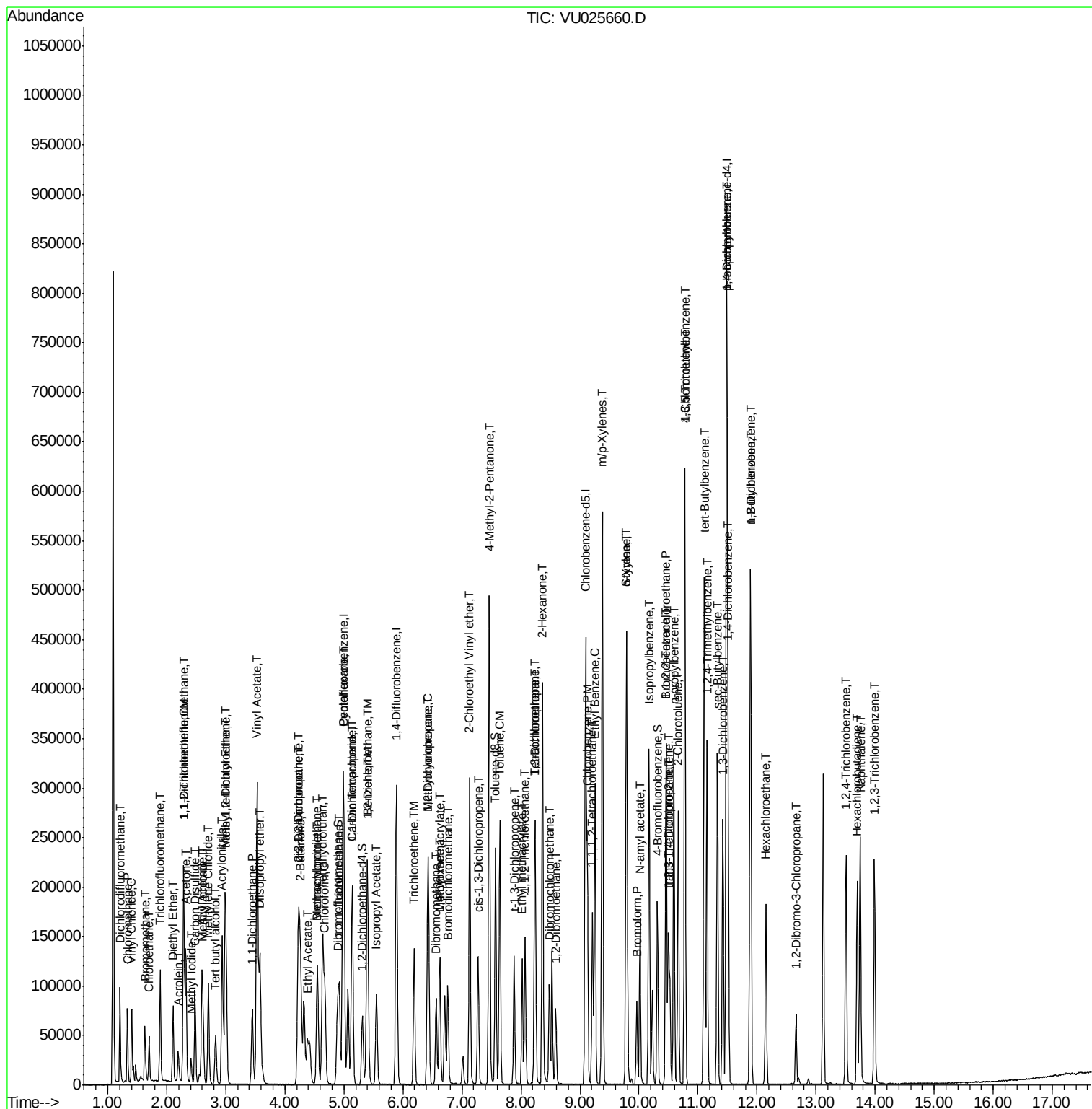
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	71665	20.190	ug/l	98
94) Hexachlorobutadiene	13.70	225	36949	19.748	ug/l	98
95) Naphthalene	13.75	128	209799	19.192	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	74248	20.969	ug/l	100

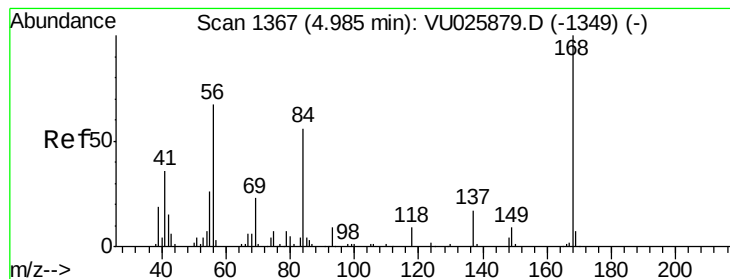
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU025660.D
Acq On : 27 Jul 2018 10:41
Operator : MD/SY
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Quant Time: Aug 07 05:42:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

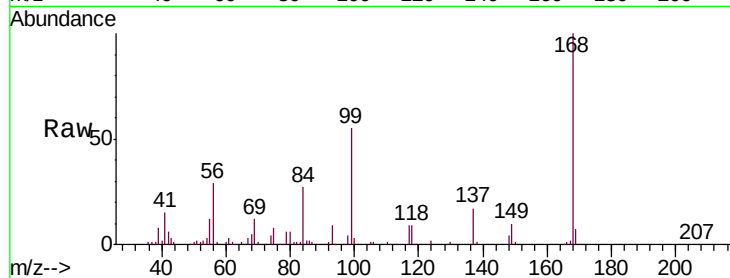
VSTDIC020

Tgt Ion:168 Resp: 169454

Ion Ratio Lower Upper

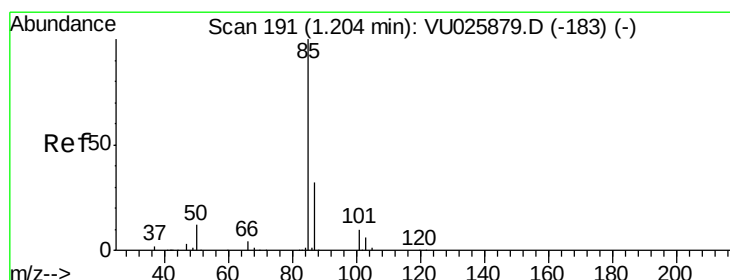
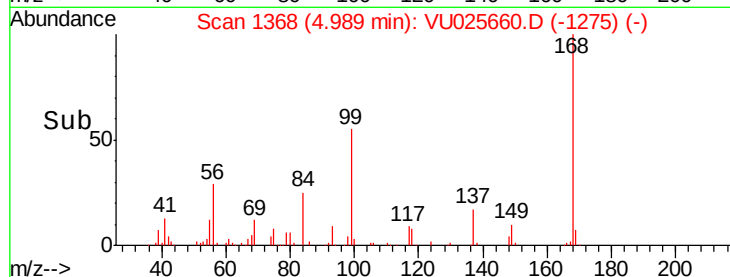
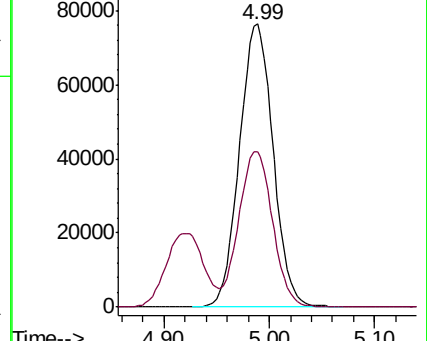
168 100

99 54.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)



#2

Dichlorodifluoromethane

Concen: 22.315 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025660.D

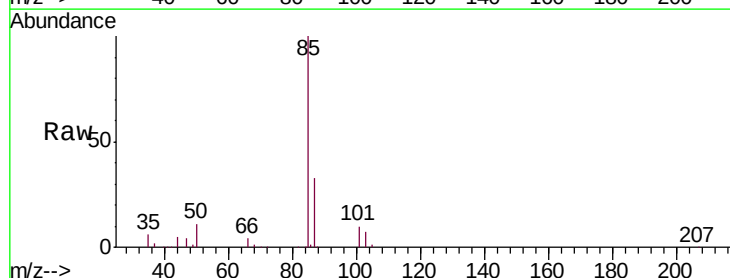
Acq: 27 Jul 2018 10:41

Tgt Ion: 85 Resp: 57153

Ion Ratio Lower Upper

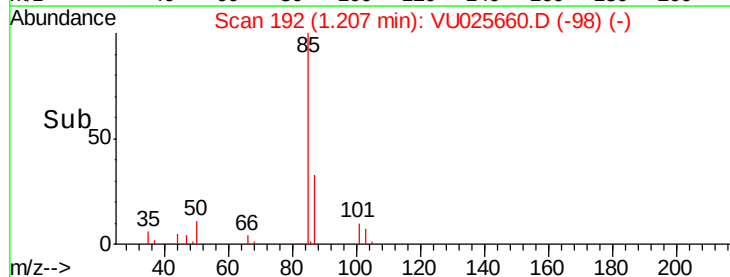
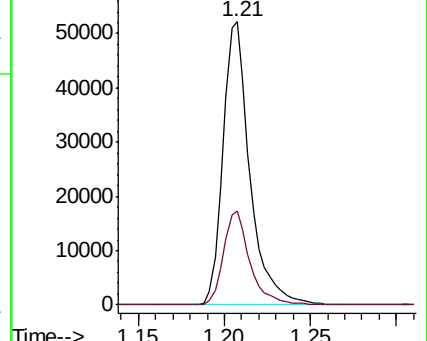
85 100

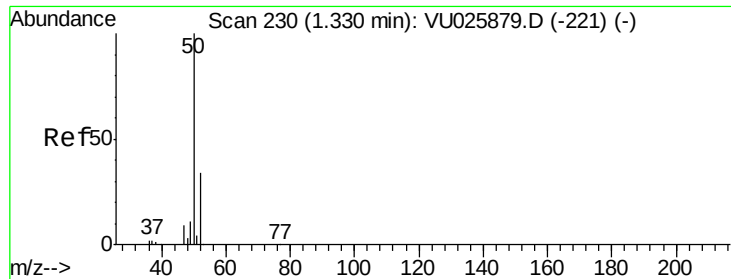
87 33.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025879.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025879.D (-183) (-)





#3

Chloromethane

Concen: 21.239 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

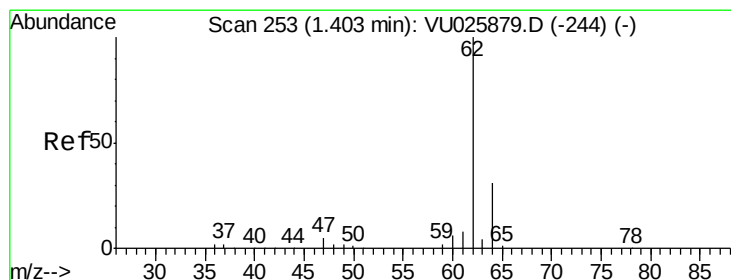
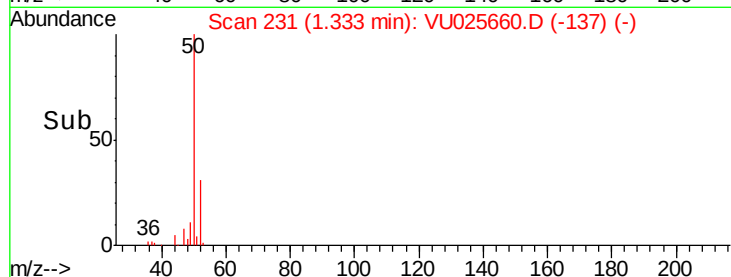
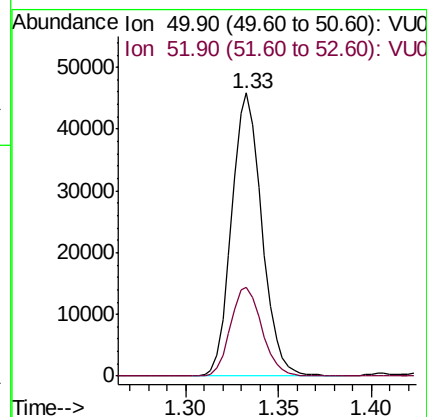
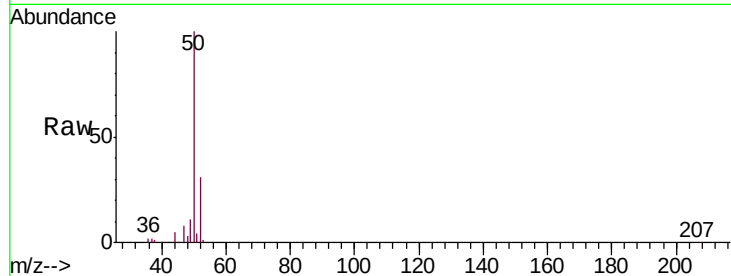
VSTDIC020

Tgt Ion: 50 Resp: 51992

Ion Ratio Lower Upper

50 100

52 31.4 26.5 39.7



#4

Vinyl Chloride

Concen: 20.518 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025660.D

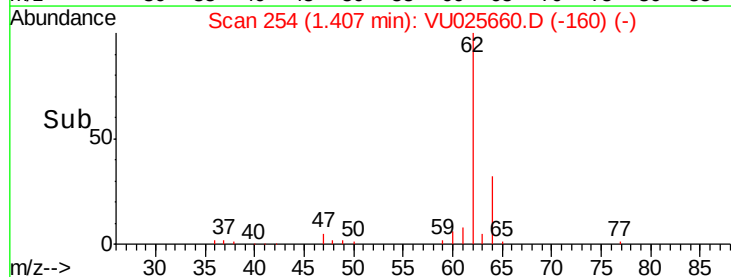
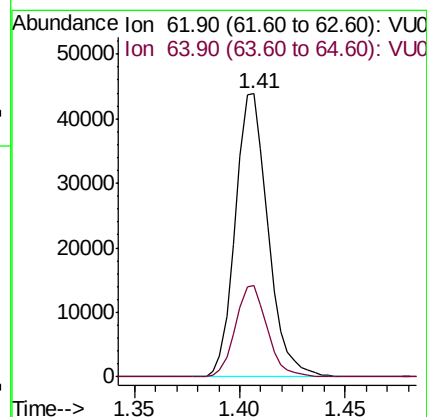
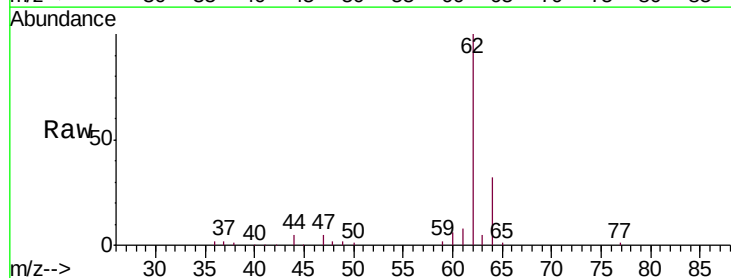
Acq: 27 Jul 2018 10:41

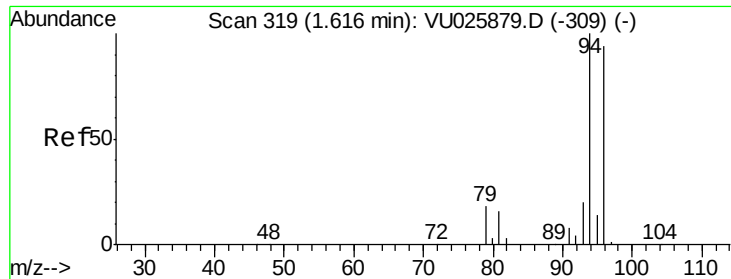
Tgt Ion: 62 Resp: 47268

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 21.971 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

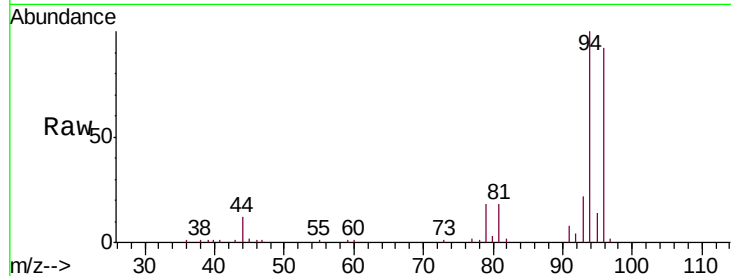
VSTDIC020

Tgt Ion: 94 Resp: 24721

Ion Ratio Lower Upper

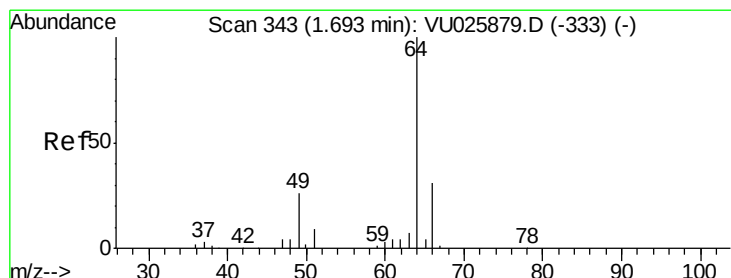
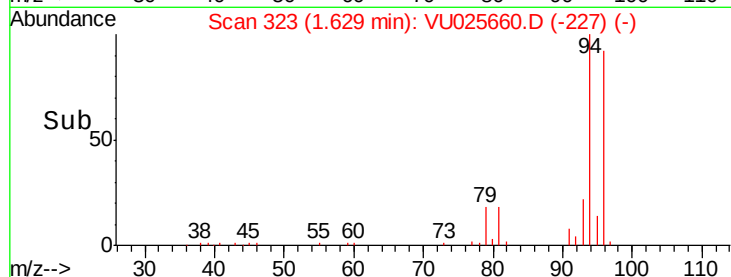
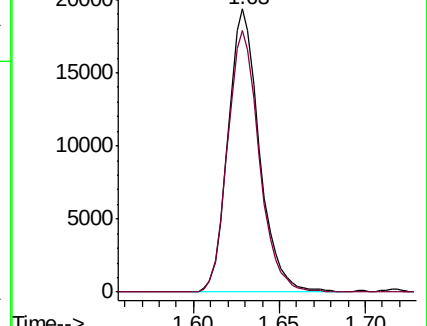
94 100

96 92.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU025879.D (-309) (-)

Ion 95.90 (95.60 to 96.60): VU025660.D (-227) (-)



#6

Chloroethane

Concen: 20.504 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025660.D

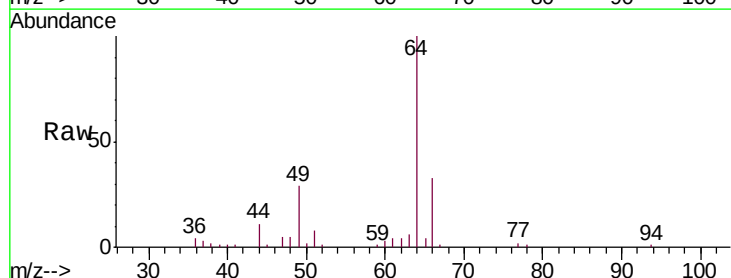
Acq: 27 Jul 2018 10:41

Tgt Ion: 64 Resp: 27620

Ion Ratio Lower Upper

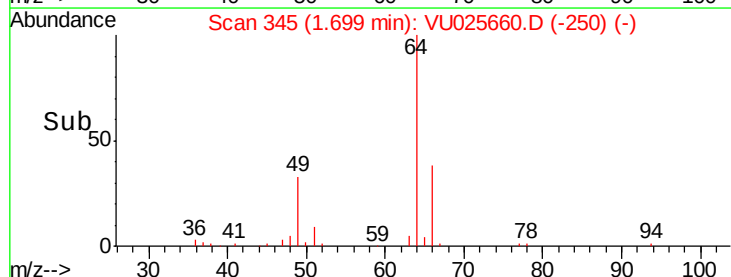
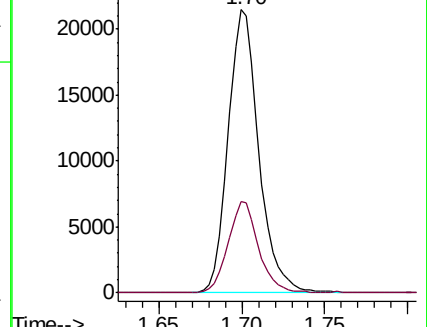
64 100

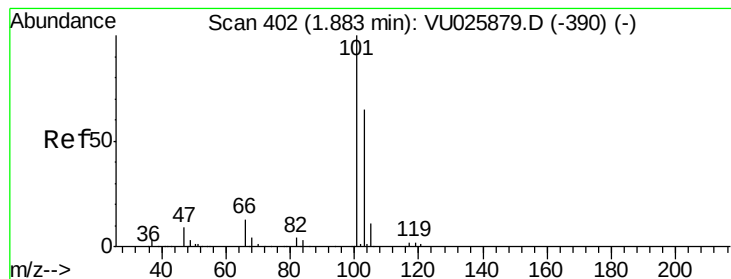
66 32.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU025879.D (-333) (-)

Ion 65.90 (65.60 to 66.60): VU025660.D (-250) (-)



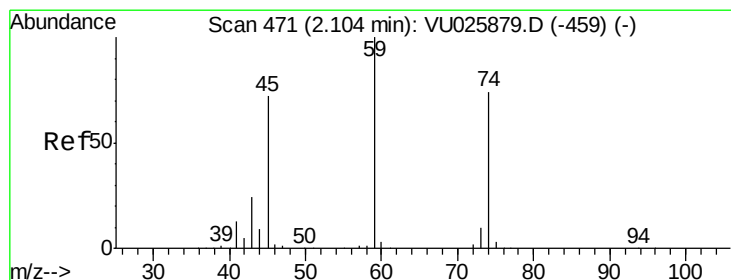
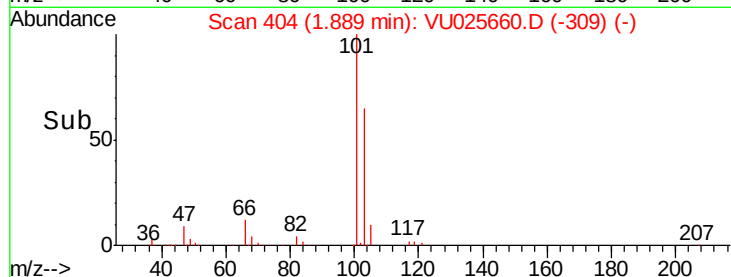
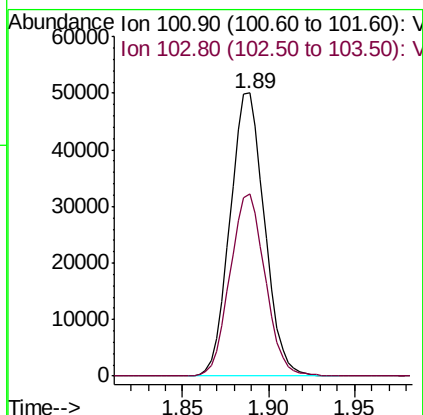
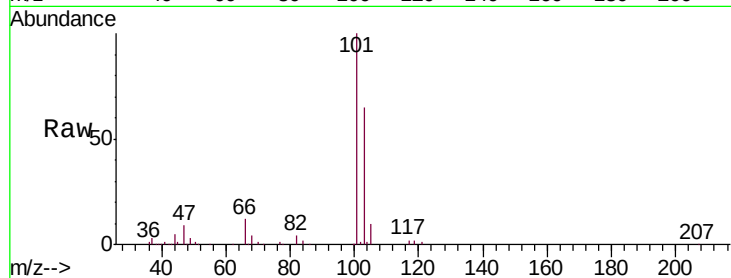


#7

Trichlorofluoromethane
 Concen: 20.937 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

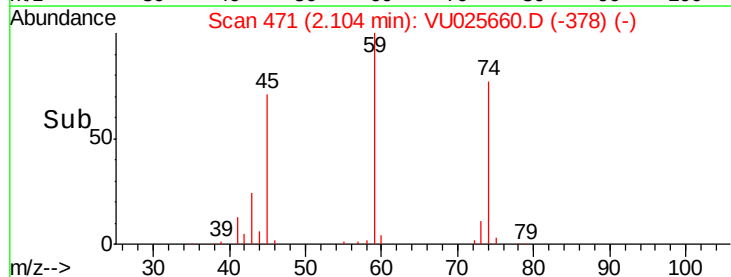
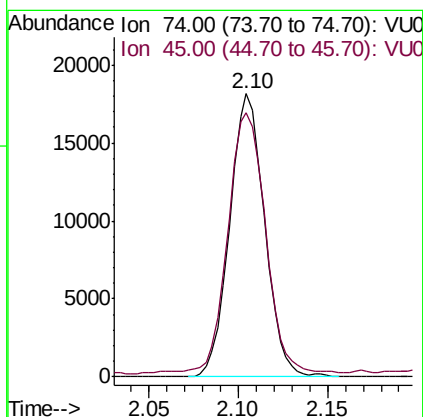
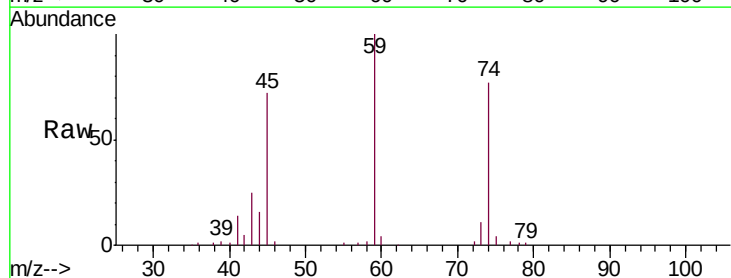
Tgt Ion:101 Resp: 69737
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.2

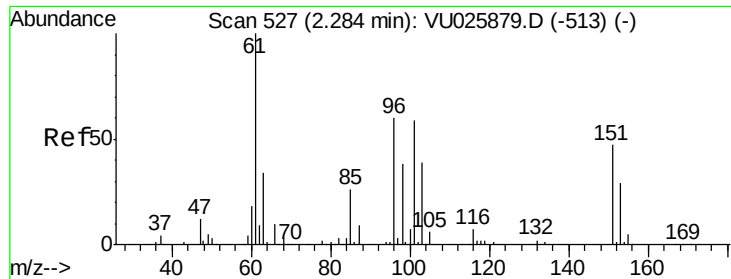


#8

Diethyl Ether
 Concen: 20.454 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion: 74 Resp: 24650
 Ion Ratio Lower Upper
 74 100
 45 98.7 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.532 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

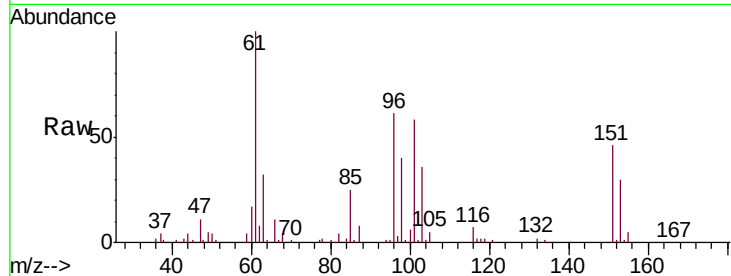
Tgt Ion:101 Resp: 39576

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

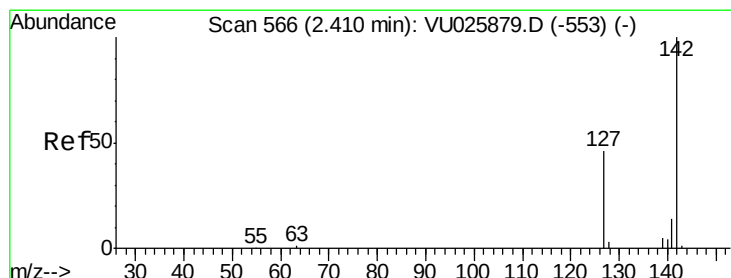
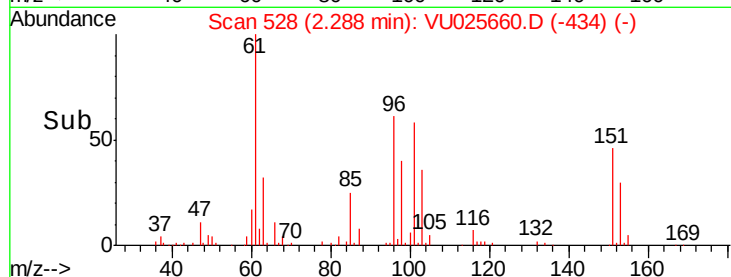
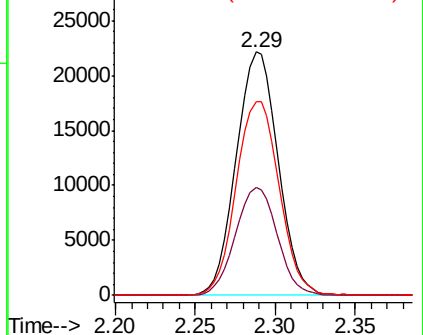
151 82.0 65.6 98.4



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: 19.515 ug/l

RT: 2.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

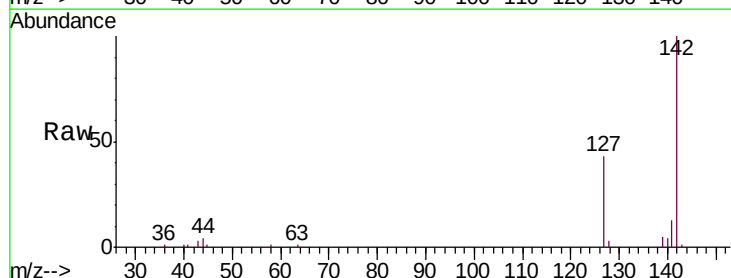
Tgt Ion:142 Resp: 23707

Ion Ratio Lower Upper

142 100

127 44.4 36.5 54.7

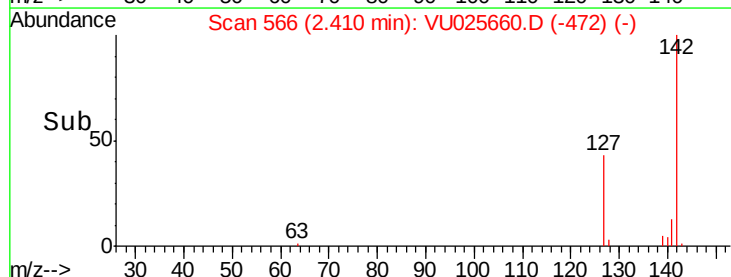
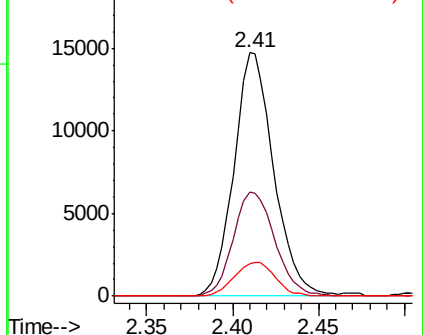
141 14.1 11.4 17.2

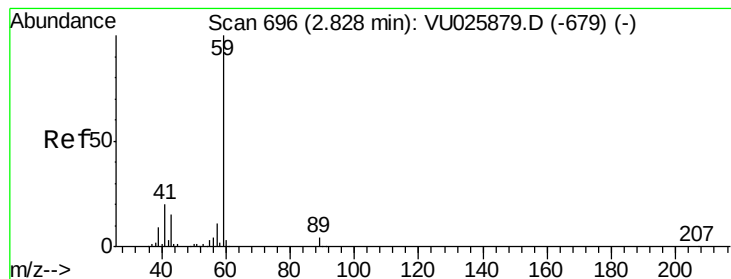


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.686 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

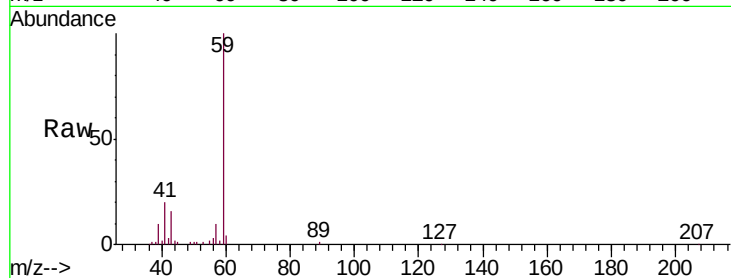
VSTDIC020

Tgt Ion: 59 Resp: 57046

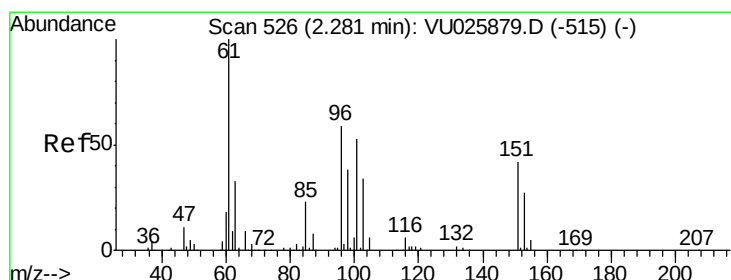
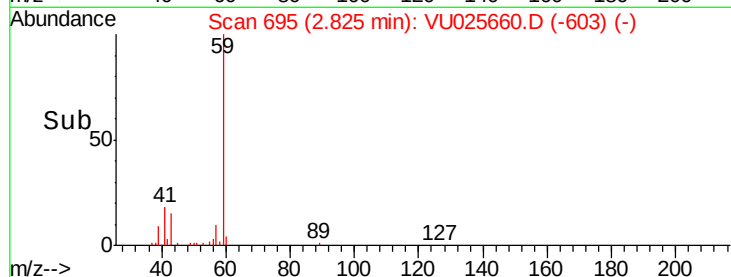
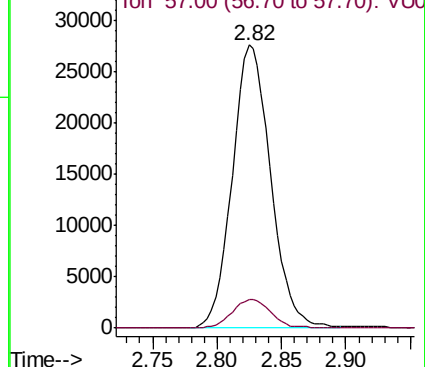
Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VU025879.D (-679) (-)



#12

1,1-Dichloroethene

Concen: 20.292 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

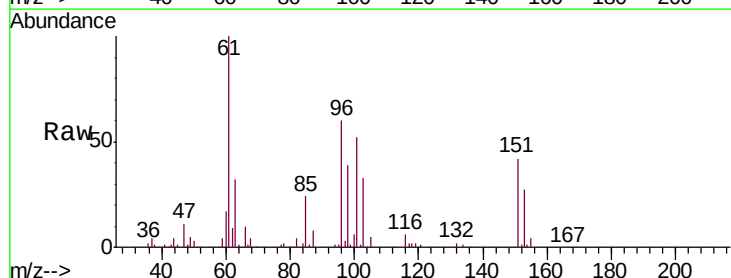
Tgt Ion: 96 Resp: 36920

Ion Ratio Lower Upper

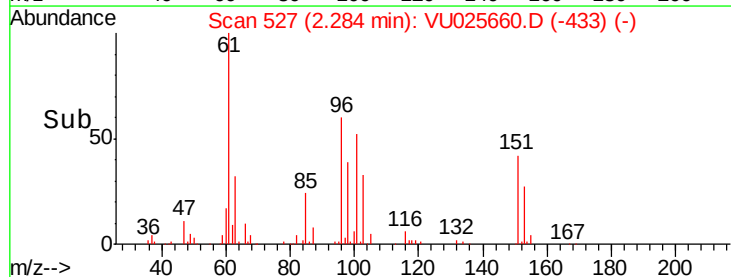
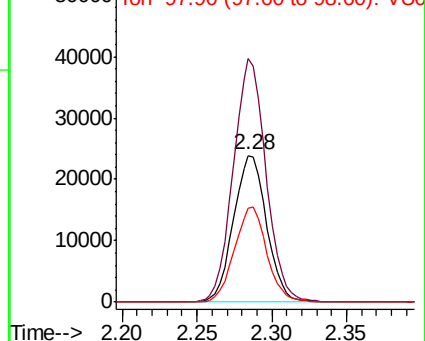
96 100

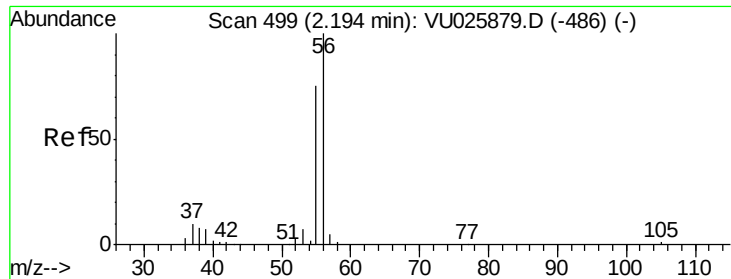
61 165.8 140.2 210.4

98 64.1 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VU025879.D (-515) (-)





#13

Acrolein

Concen: 96.312 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

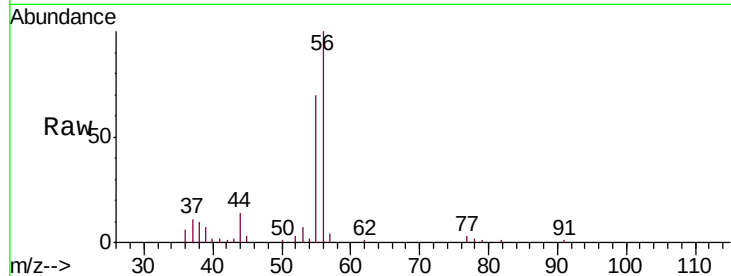
VSTDIC020

Tgt Ion: 56 Resp: 20424

Ion Ratio Lower Upper

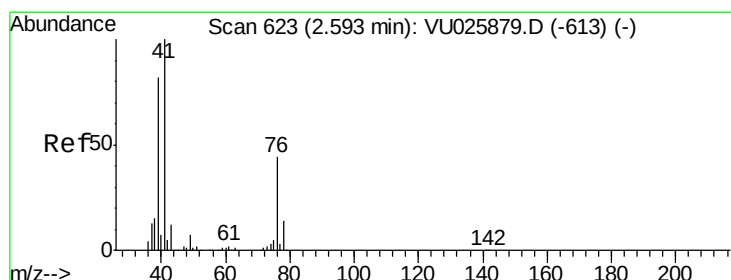
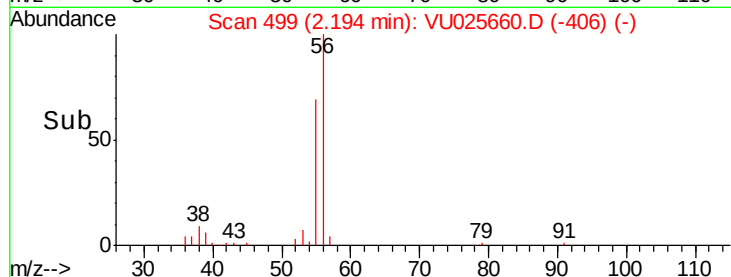
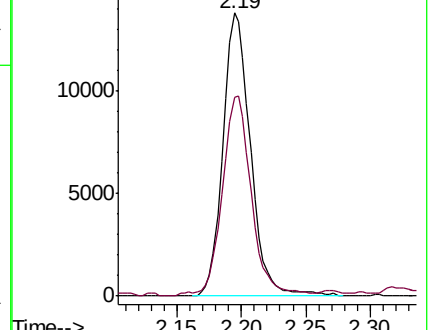
56 100

55 75.1 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-486) (-)

Ion 55.00 (54.70 to 55.70): VU025879.D (-486) (-)



#14

Allyl chloride

Concen: 19.558 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

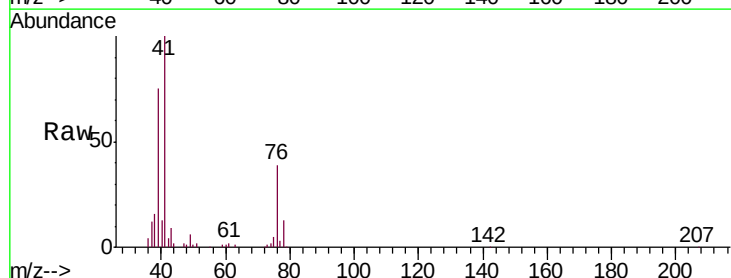
Tgt Ion: 41 Resp: 63950

Ion Ratio Lower Upper

41 100

39 74.6 60.6 91.0

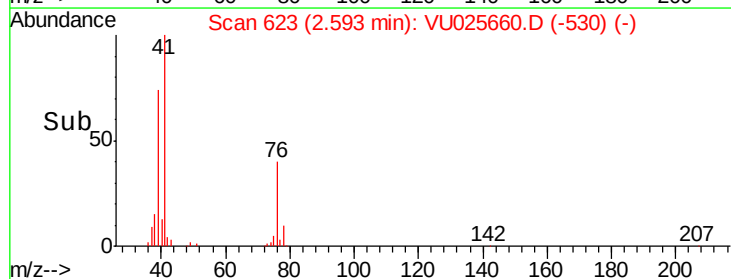
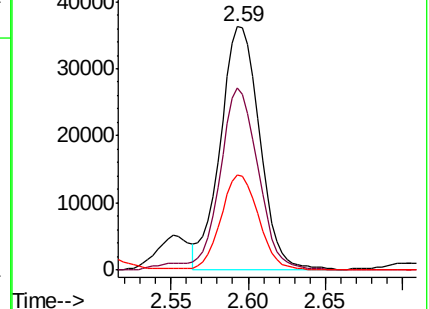
76 37.8 30.5 45.7

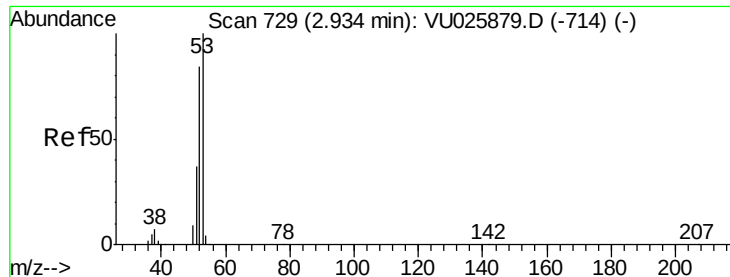


Abundance Ion 41.00 (40.70 to 41.70): VU025879.D (-613) (-)

Ion 39.00 (38.70 to 39.70): VU025879.D (-613) (-)

Ion 75.90 (75.60 to 76.60): VU025879.D (-613) (-)





#15

Acrylonitrile

Concen: 102.602 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

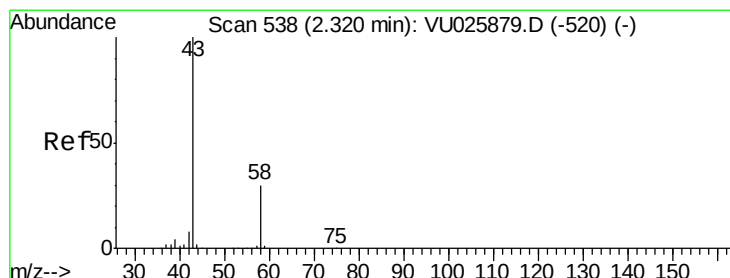
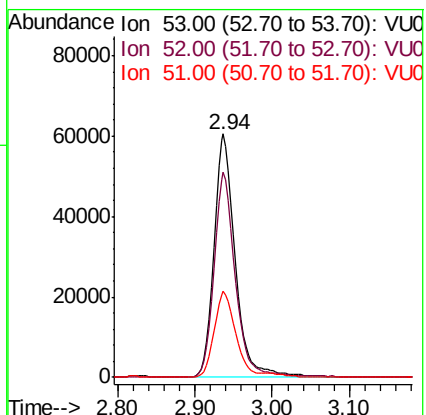
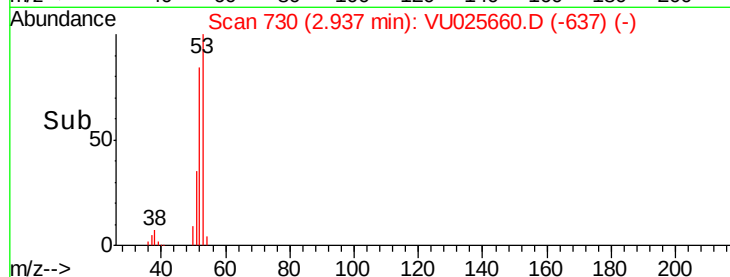
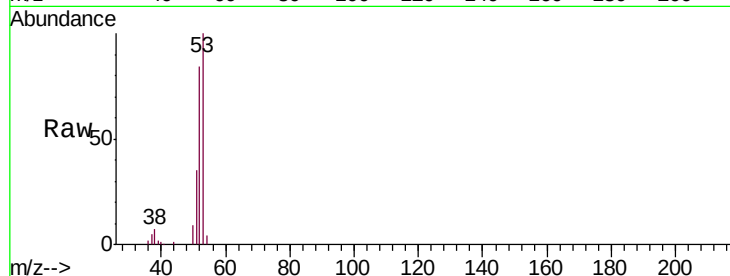
Tgt Ion: 53 Resp: 118417

Ion Ratio Lower Upper

53 100

52 84.2 66.6 99.8

51 37.3 29.4 44.2



#16

Acetone

Concen: 105.270 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025660.D

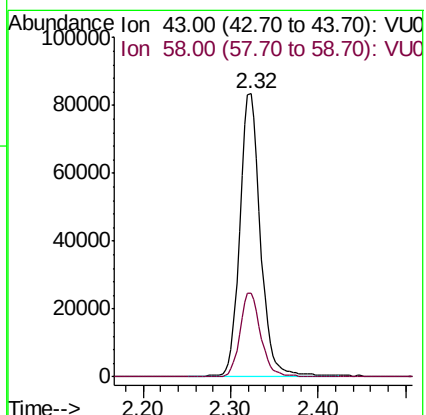
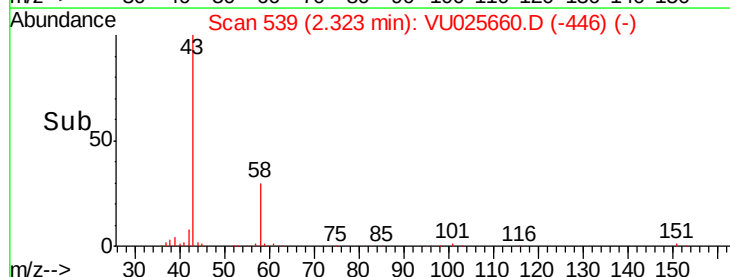
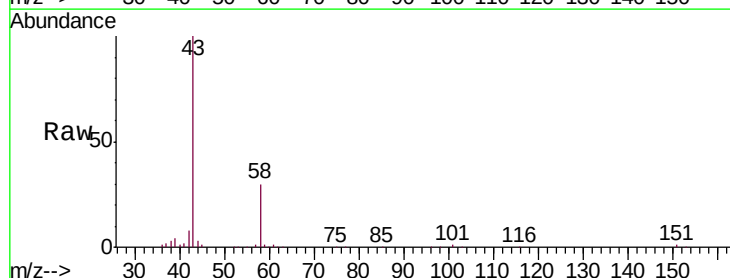
Acq: 27 Jul 2018 10:41

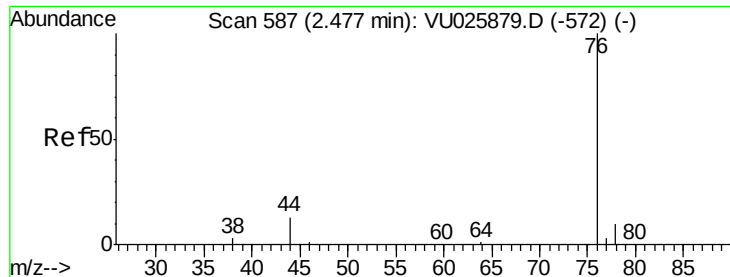
Tgt Ion: 43 Resp: 135508

Ion Ratio Lower Upper

43 100

58 29.8 23.1 34.7





#17

Carbon Disulfide

Concen: 19.616 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

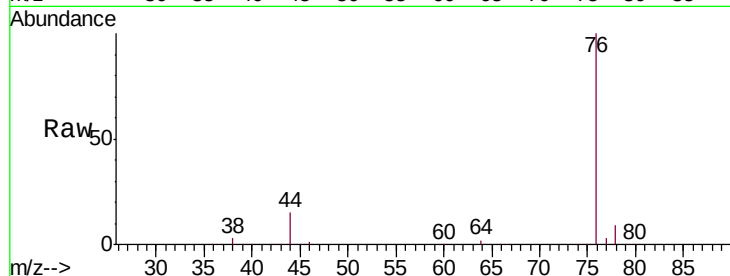
VSTDIC020

Tgt Ion: 76 Resp: 115506

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU025879.D (-572) (-)

Ion 77.90 (77.60 to 78.60): VU025879.D (-572) (-)

2.48

80000

60000

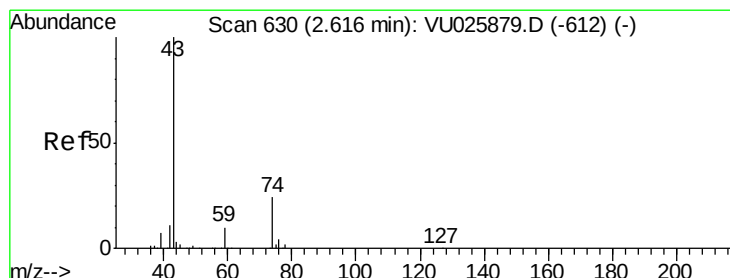
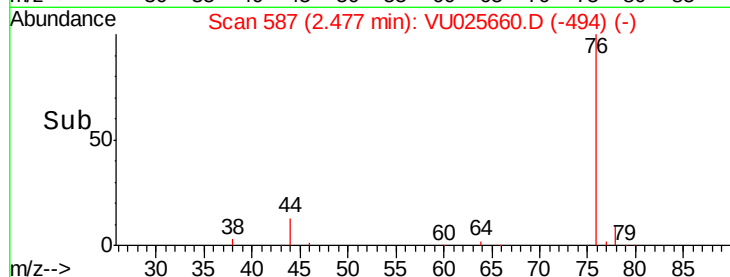
40000

20000

0

Time-->

2.40 2.45 2.50 2.55



#18

Methyl Acetate

Concen: 21.716 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025660.D

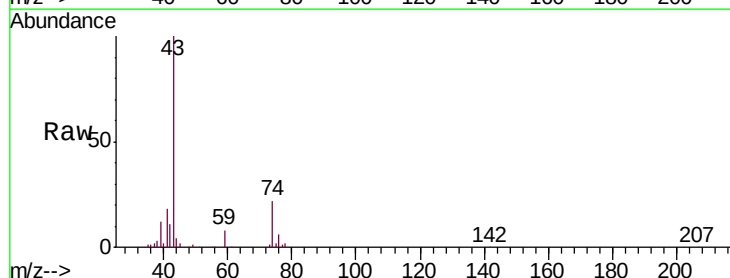
Acq: 27 Jul 2018 10:41

Tgt Ion: 43 Resp: 67282

Ion Ratio Lower Upper

43 100

74 23.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-612) (-)

Ion 74.00 (73.70 to 74.70): VU025879.D (-612) (-)

2.62

40000

30000

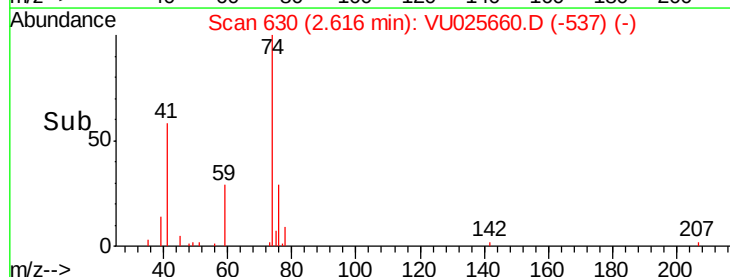
20000

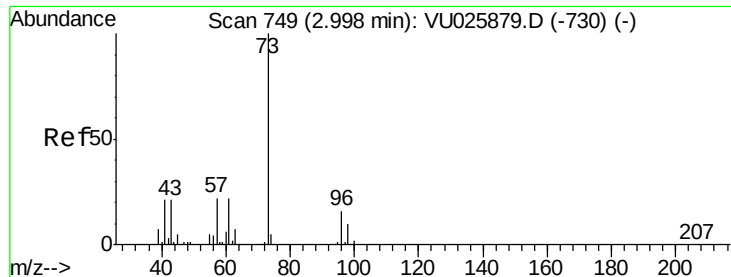
10000

0

Time-->

2.55 2.60 2.65 2.70

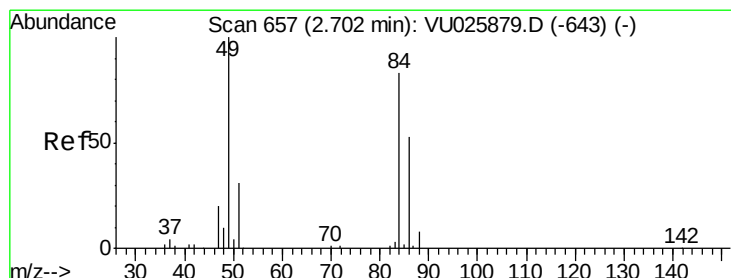
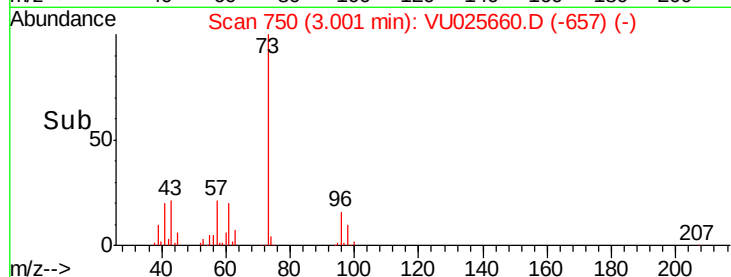
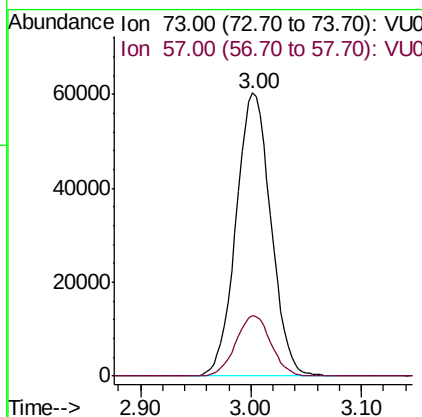
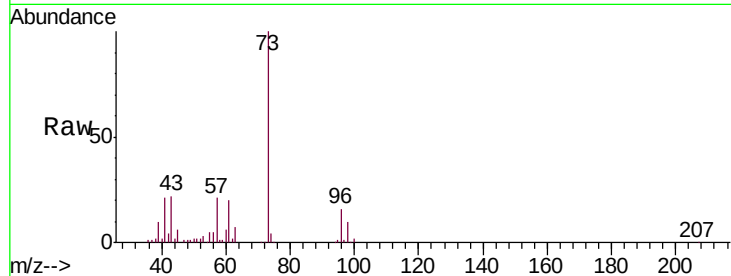




#19
Methyl tert-butyl Ether
Concen: 20.020 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

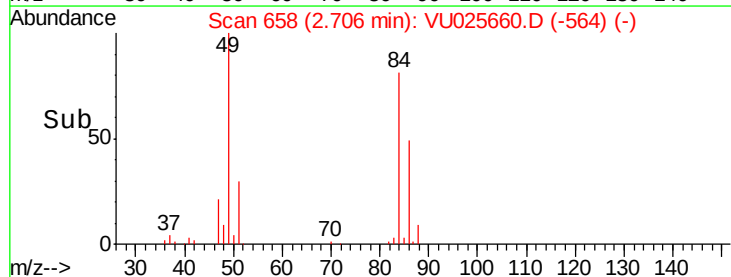
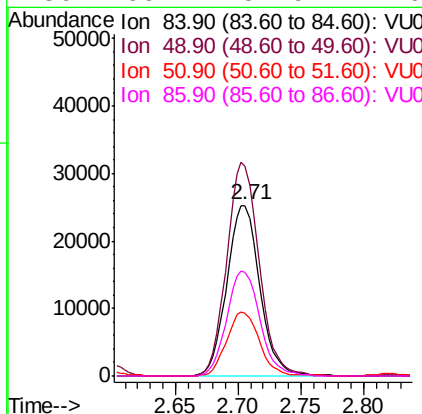
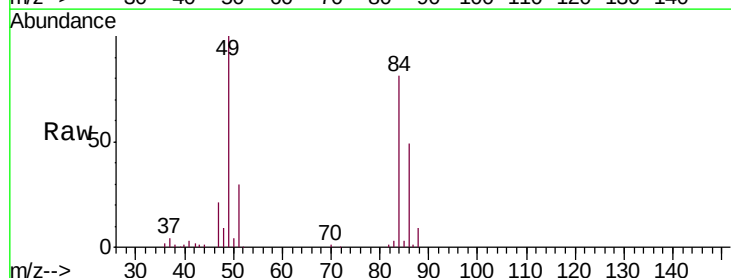
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

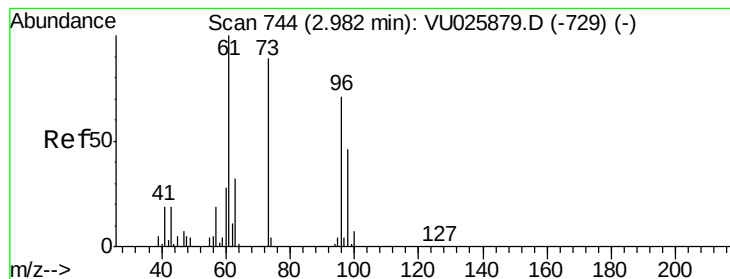
Tgt Ion: 73 Resp: 132001
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2



#20
Methylene Chloride
Concen: 20.211 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion: 84 Resp: 46108
Ion Ratio Lower Upper
84 100
49 122.7 101.8 152.6
51 36.6 30.8 46.2
86 60.4 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.802 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

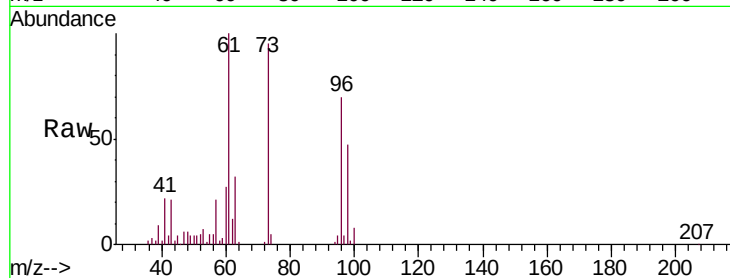
Tgt Ion: 96 Resp: 41648

Ion Ratio Lower Upper

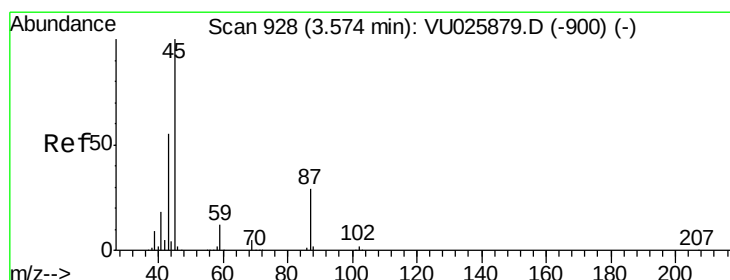
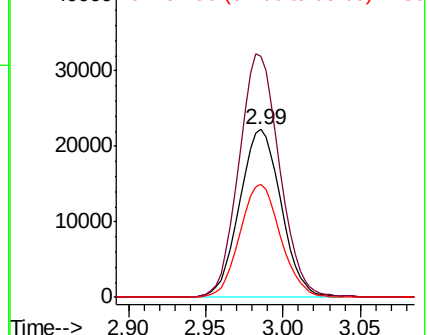
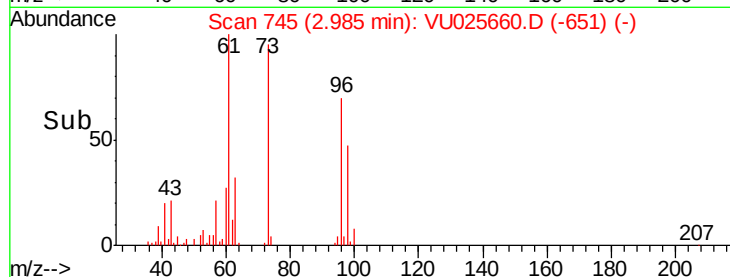
96 100

61 143.6 114.5 171.7

98 67.3 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025660.D (-651) (-)



#22

Diisopropyl ether

Concen: 20.512 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Tgt Ion: 45 Resp: 132162

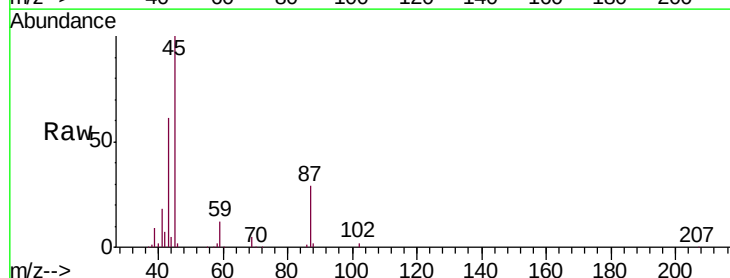
Ion Ratio Lower Upper

45 100

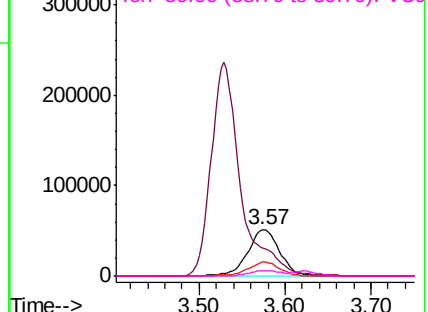
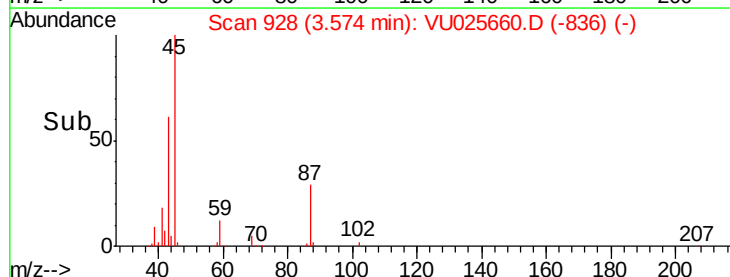
43 59.8 50.9 76.3

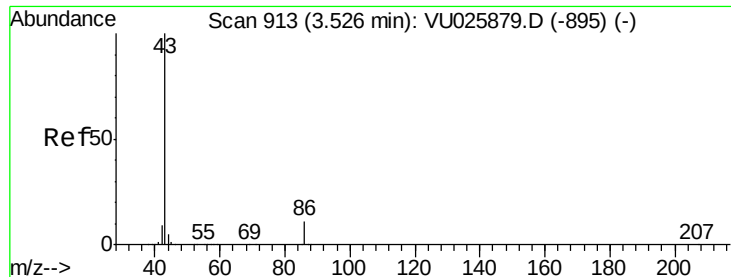
87 29.4 23.8 35.8

59 11.5 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU025660.D (-836) (-)





#23

Vinyl Acetate

Concen: 100.913 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampled :

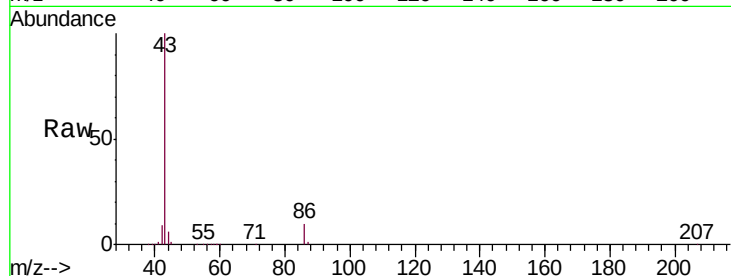
VSTDIC020

Tgt Ion: 43 Resp: 566638

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-895) (-)

Ion 86.00 (85.70 to 86.70): VU025879.D (-895) (-)

3.53

250000

200000

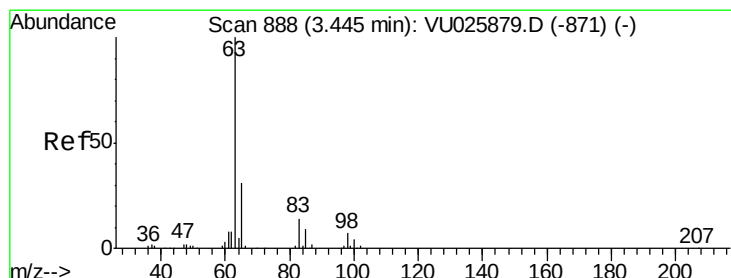
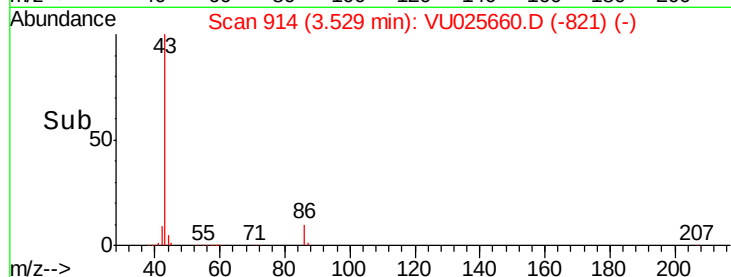
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.447 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

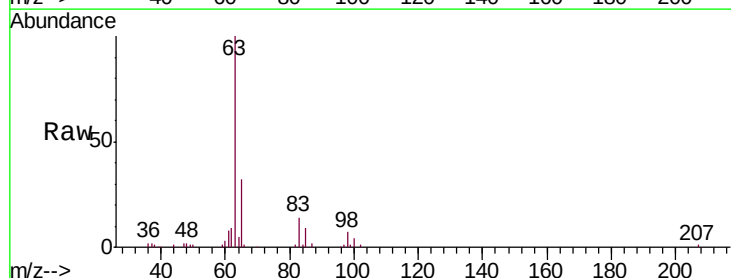
Tgt Ion: 63 Resp: 79083

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU025879.D (-871) (-)

Ion 97.90 (97.60 to 98.60): VU025879.D (-871) (-)

Ion 99.90 (99.60 to 100.60): VU025879.D (-871) (-)

3.45

50000

40000

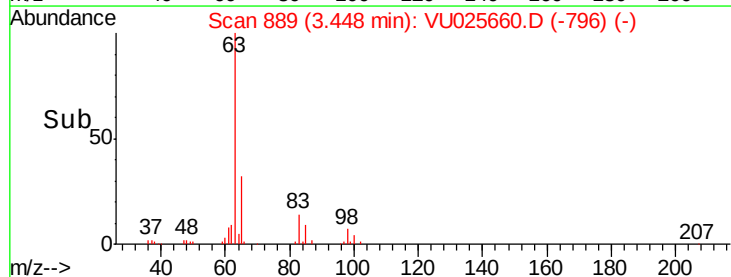
30000

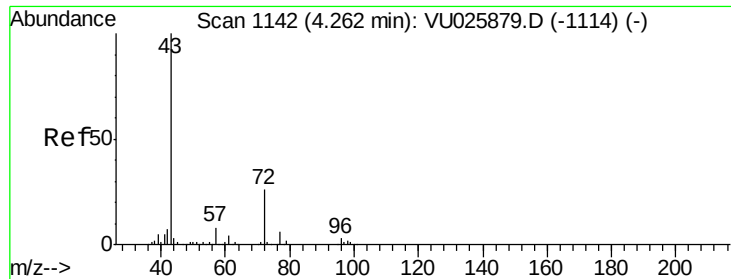
20000

10000

0

Time-->

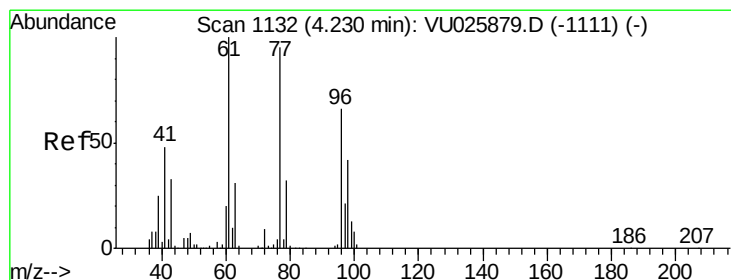
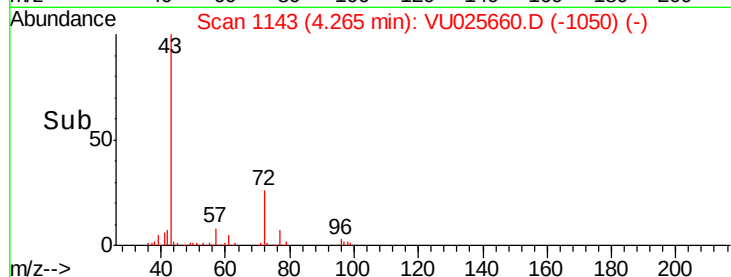
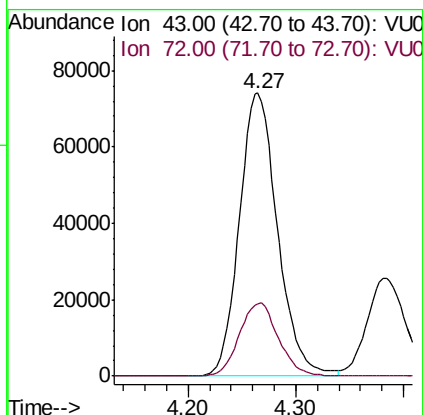
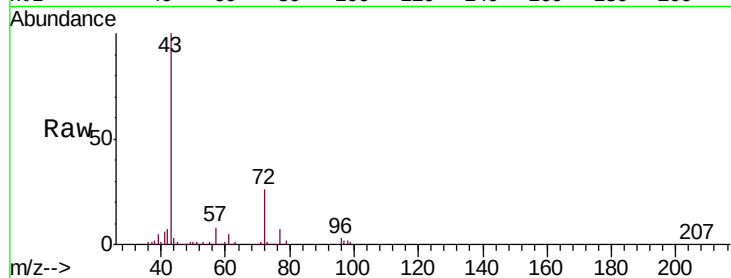




#25
 2-Butanone
 Concen: 103.976 ug/l
 RT: 4.27 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

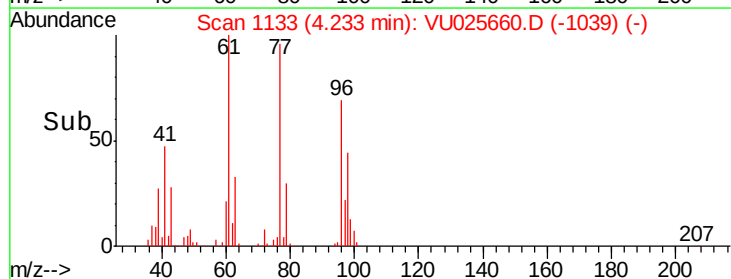
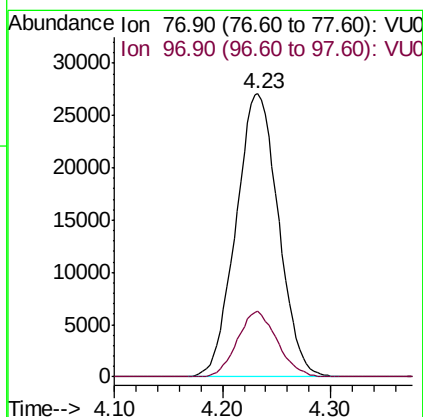
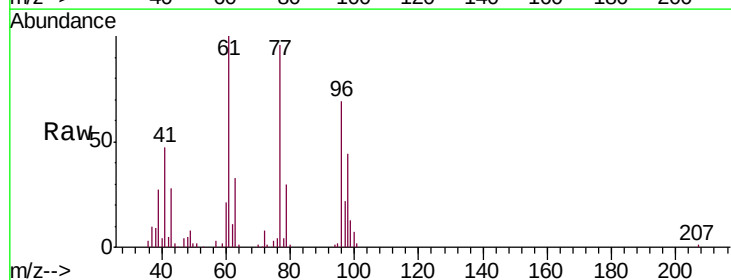
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

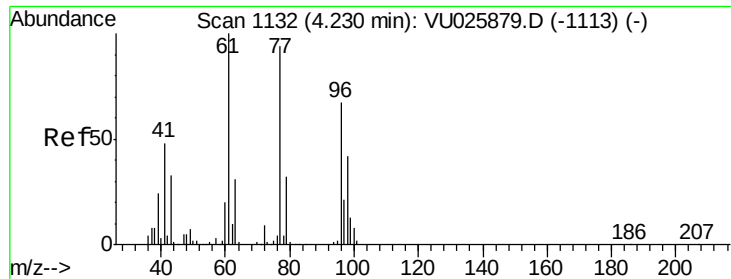
Tgt Ion: 43 Resp: 182197
 Ion Ratio Lower Upper
 43 100
 72 25.7 21.0 31.4



#26
 2,2-Dichloropropane
 Concen: 21.094 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion: 77 Resp: 74156
 Ion Ratio Lower Upper
 77 100
 97 21.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.011 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

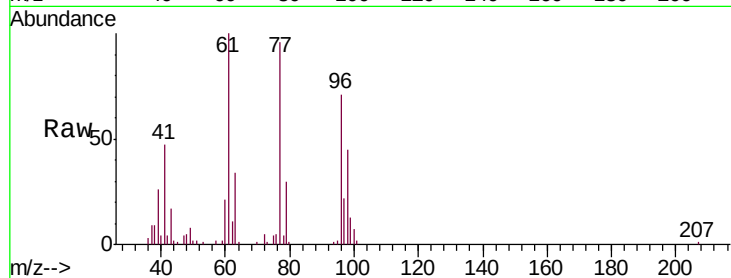
Tgt Ion: 96 Resp: 47452

Ion Ratio Lower Upper

96 100

61 150.4 0.0 299.8

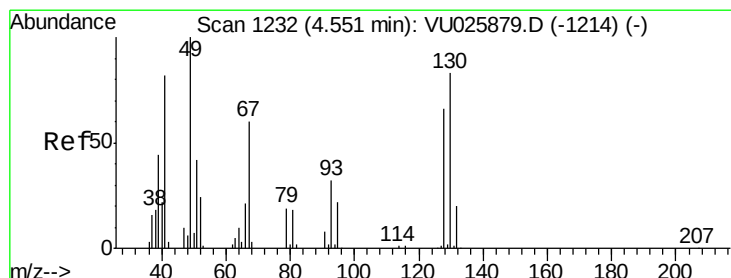
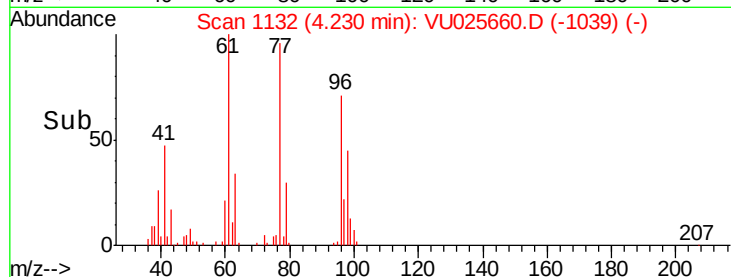
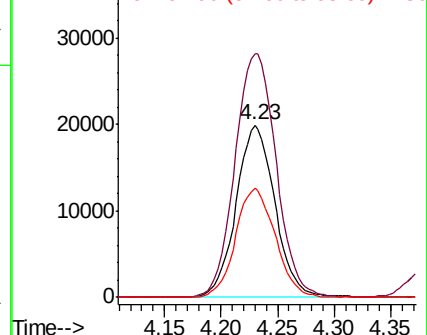
98 64.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 19.757 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

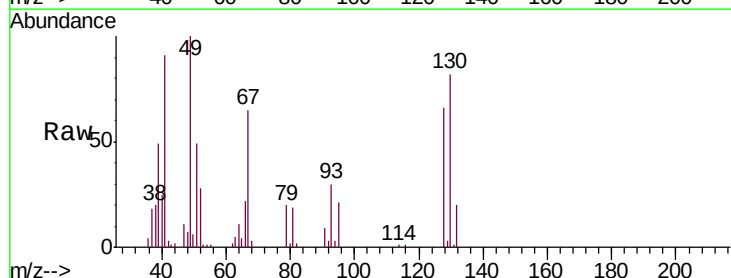
Tgt Ion: 49 Resp: 34166

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

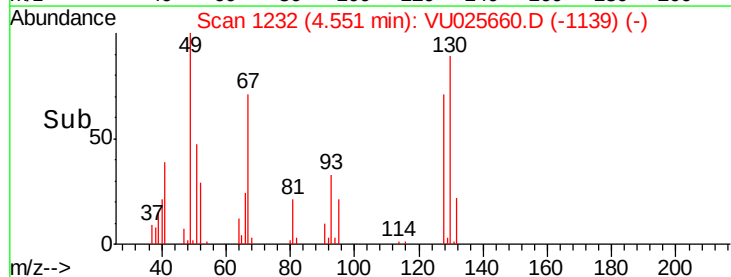
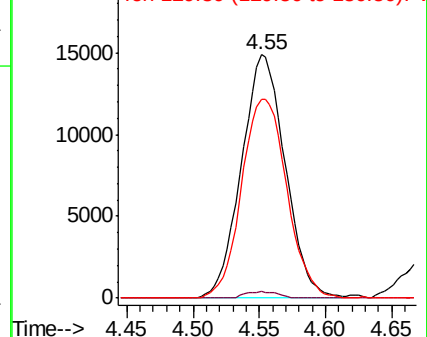
130 84.6 68.6 102.8

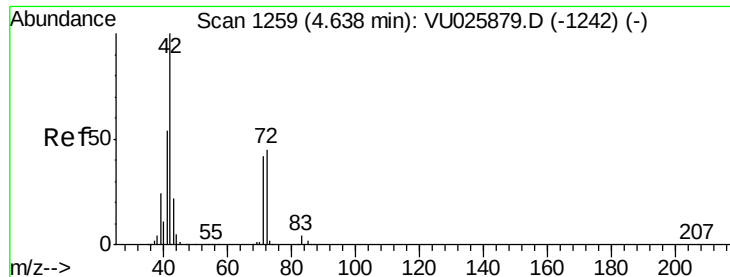


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 102.986 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

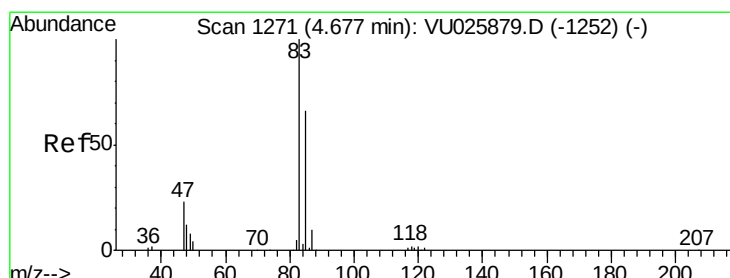
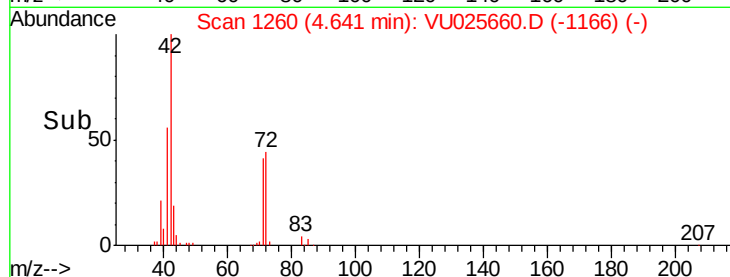
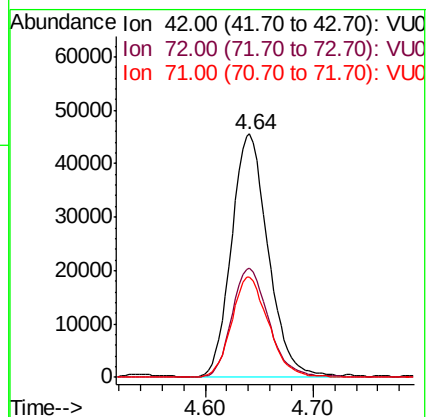
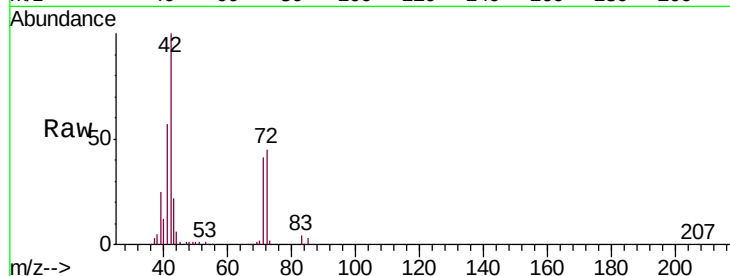
Tgt Ion: 42 Resp: 108117

Ion Ratio Lower Upper

42 100

72 45.1 36.7 55.1

71 41.1 33.9 50.9



#30

Chloroform

Concen: 20.420 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025660.D

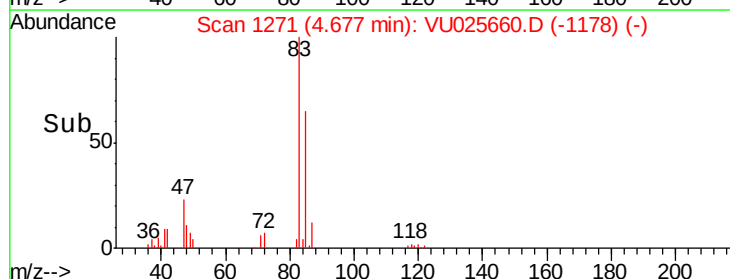
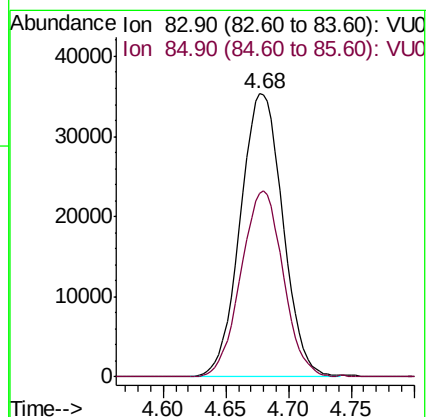
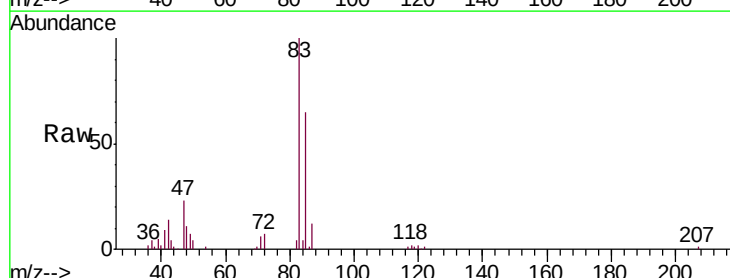
Acq: 27 Jul 2018 10:41

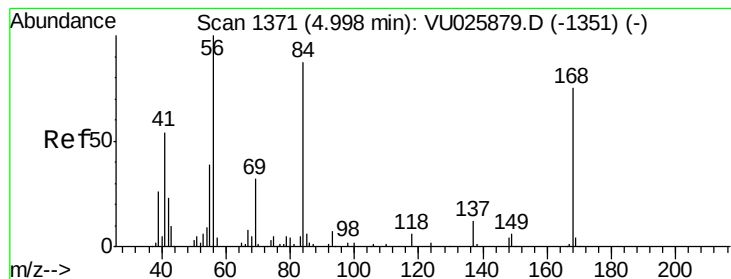
Tgt Ion: 83 Resp: 83365

Ion Ratio Lower Upper

83 100

85 64.9 51.5 77.3





#31

Cyclohexane

Concen: 19.866 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

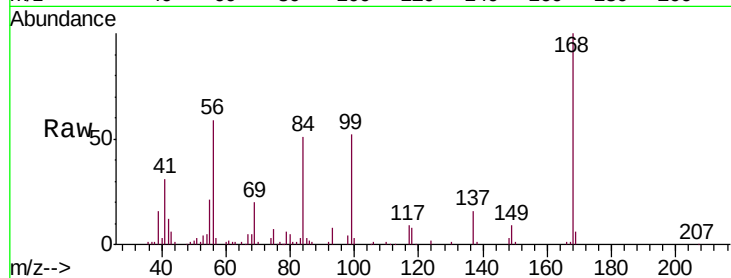
Tgt Ion: 56 Resp: 69583

Ion Ratio Lower Upper

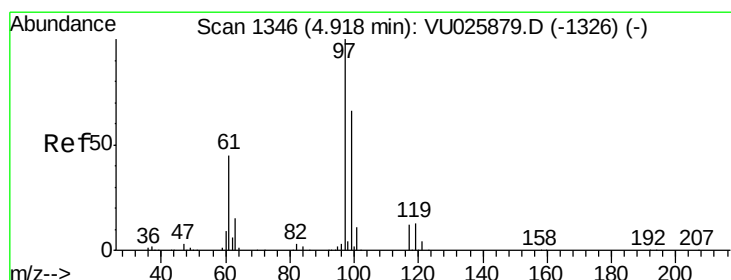
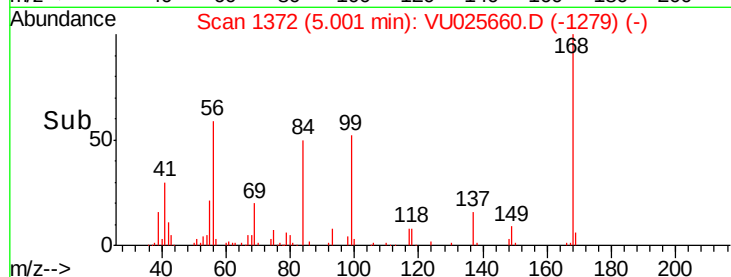
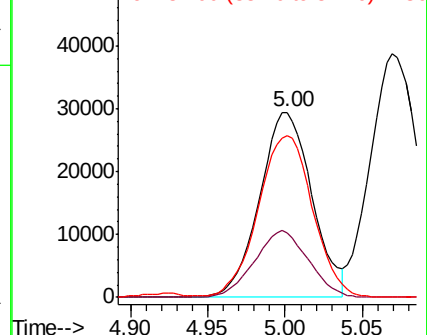
56 100

69 34.8 26.8 40.2

84 86.2 69.7 104.5



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: 20.493 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

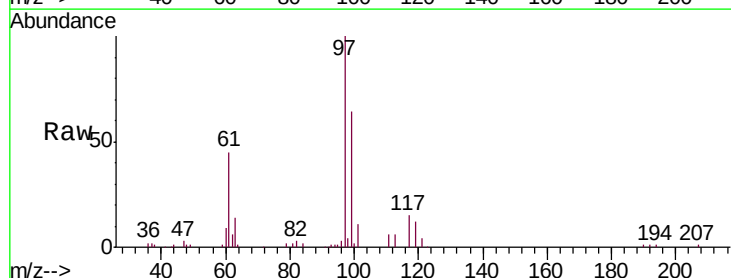
Tgt Ion: 97 Resp: 75325

Ion Ratio Lower Upper

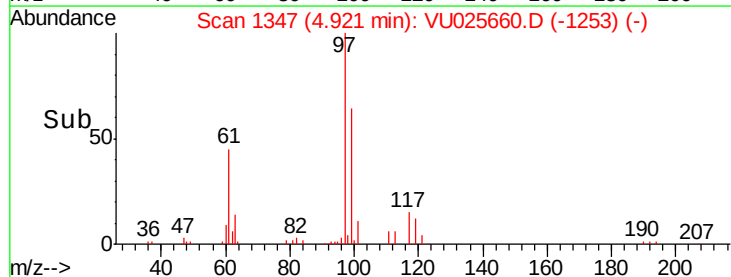
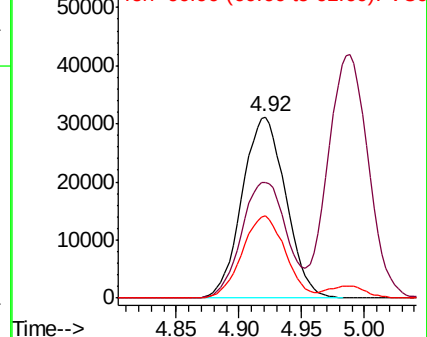
97 100

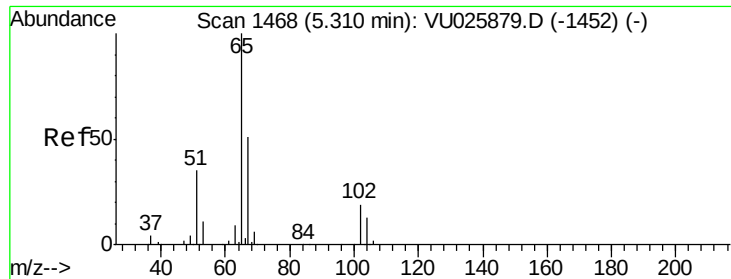
99 66.6 50.8 76.2

61 44.8 35.2 52.8



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

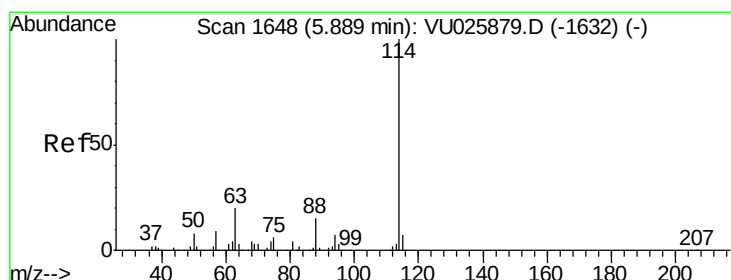
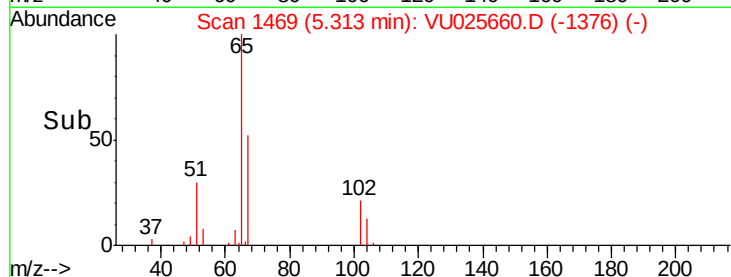
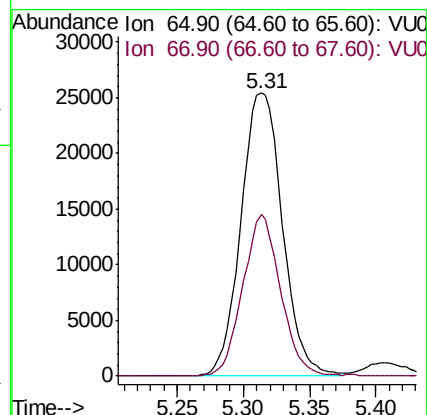
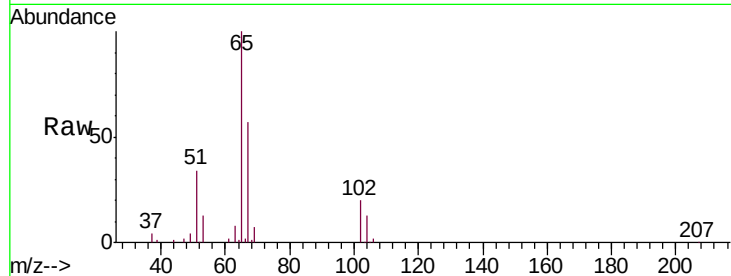




#33
 1,2-Dichloroethane-d4
 Concen: 20.983 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

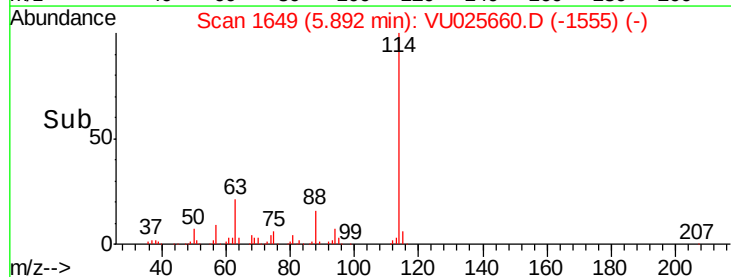
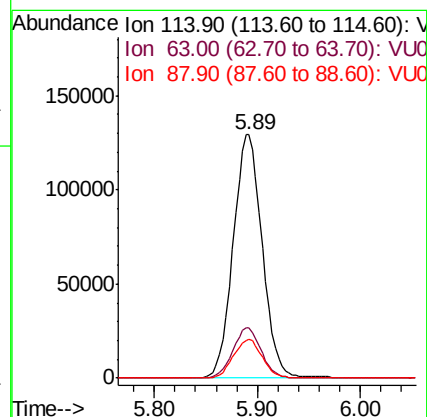
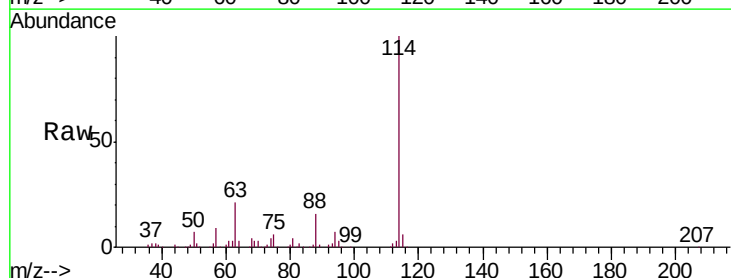
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

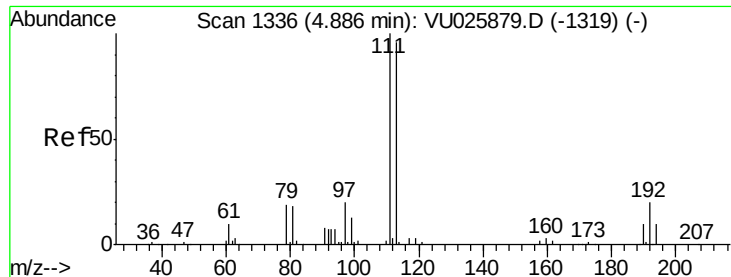
Tgt Ion: 65 Resp: 55401
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion: 114 Resp: 253646
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.6
 88 16.1 0.0 32.4

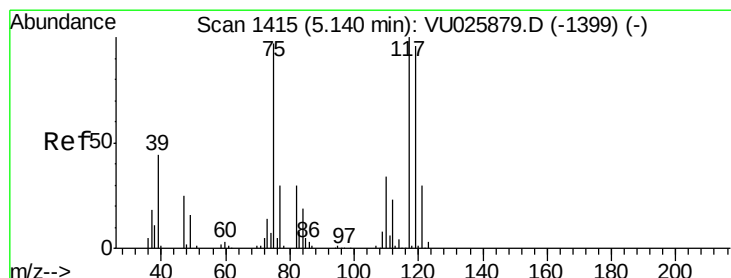
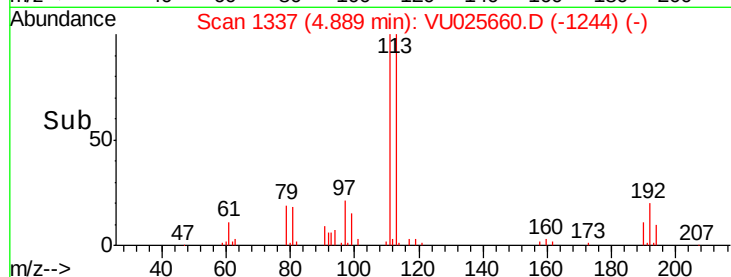
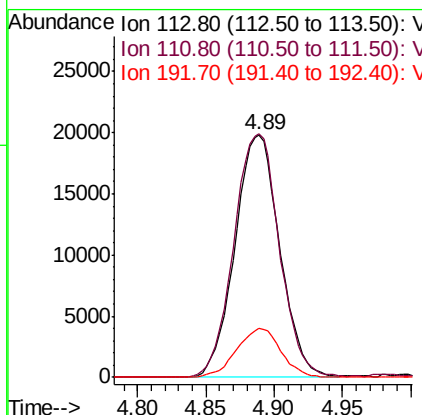
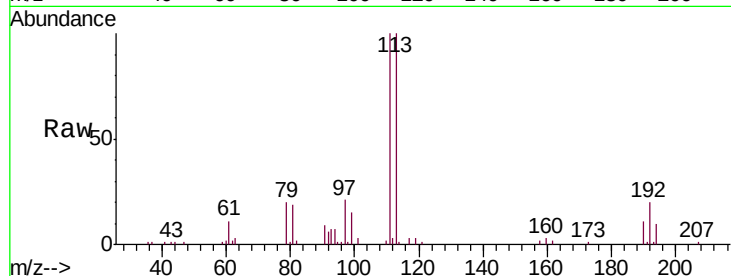




#35
 Dibromofluoromethane
 Concen: 20.431 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

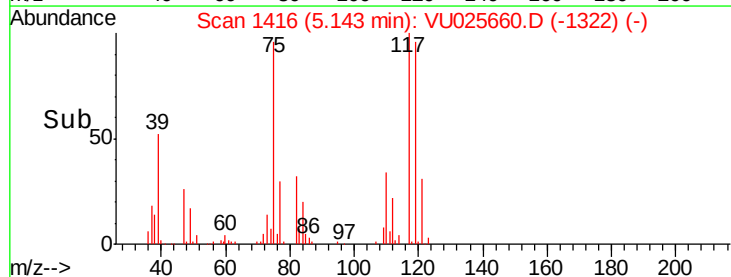
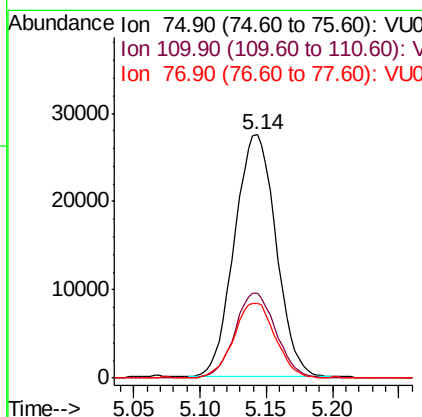
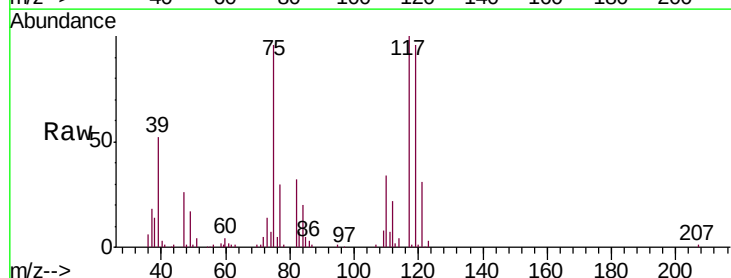
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

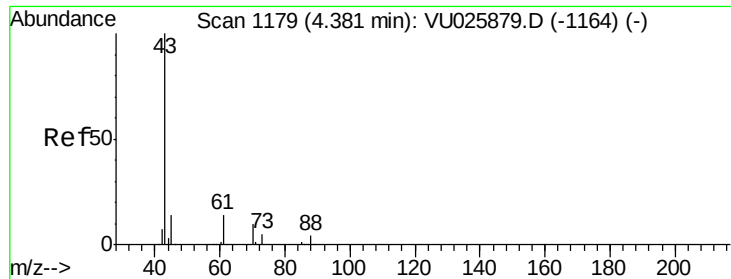
Tgt Ion: 113 Resp: 45072
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 19.9 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 20.195 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion: 75 Resp: 59864
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.6 52.9
 77 31.0 24.4 36.6

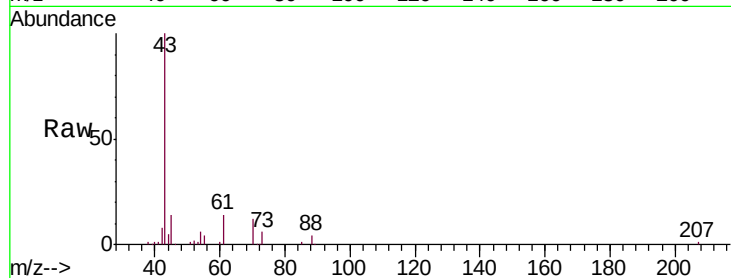




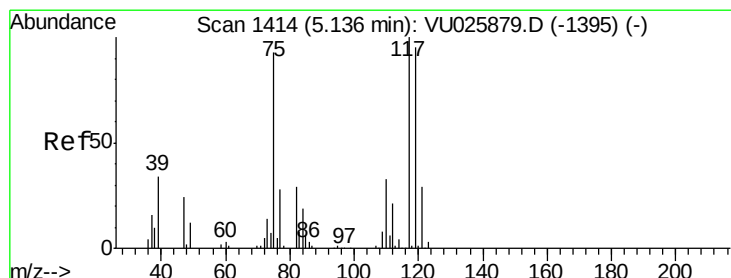
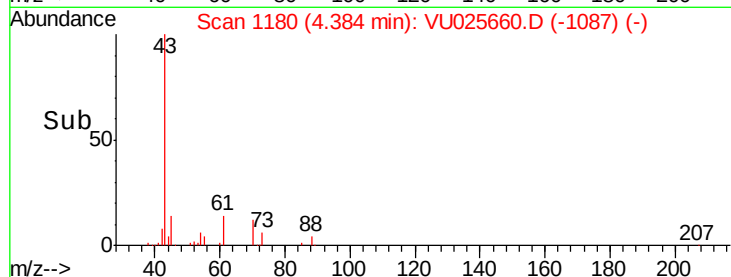
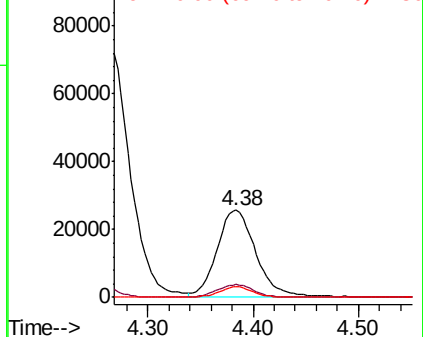
#37
 Ethyl Acetate
 Concen: 20.991 ug/l
 RT: 4.38 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 64518
 Ion Ratio Lower Upper
 43 100
 61 13.9 10.7 16.1
 70 10.2 8.4 12.6

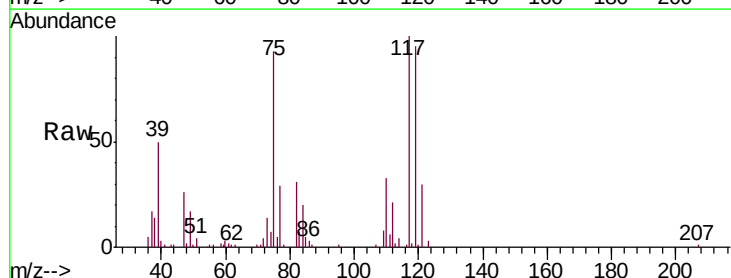


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

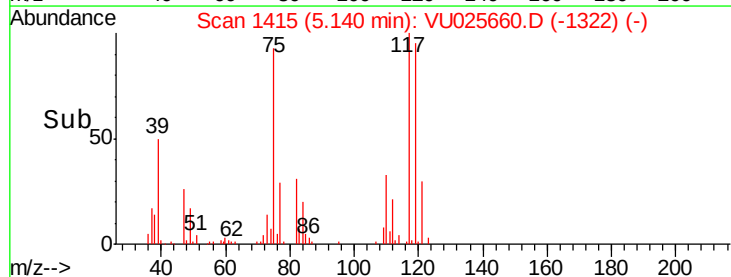
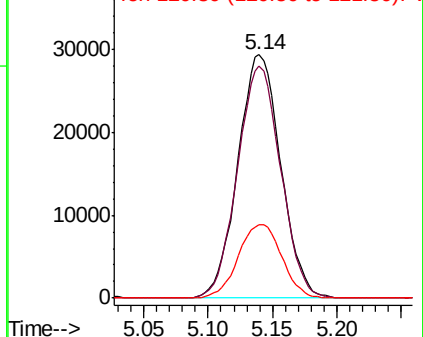


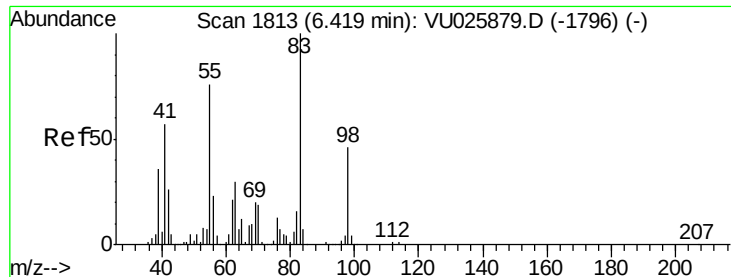
#38
 Carbon Tetrachloride
 Concen: 20.297 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion: 117 Resp: 68146
 Ion Ratio Lower Upper
 117 100
 119 95.3 75.7 113.5
 121 30.1 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

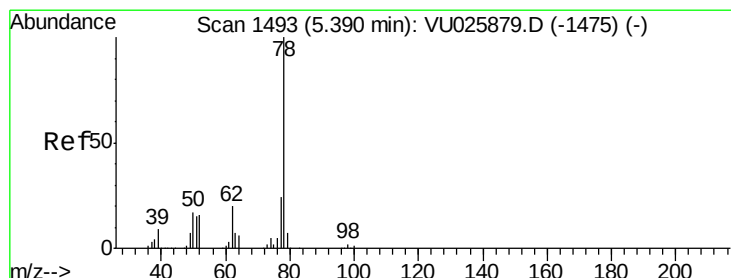
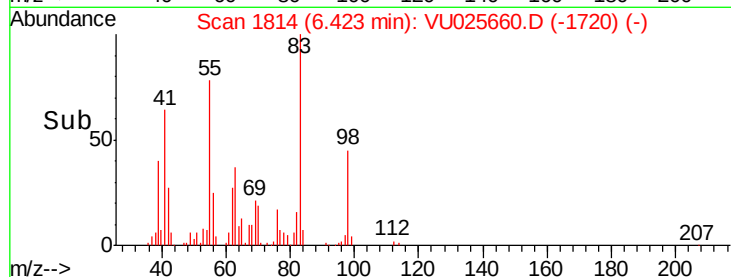
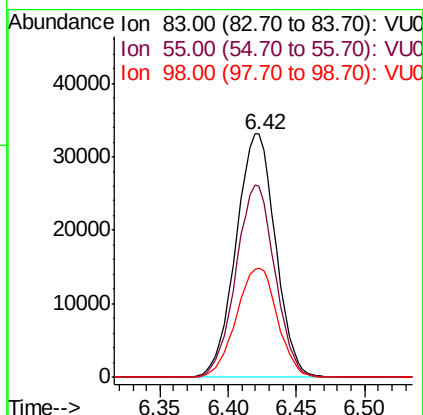
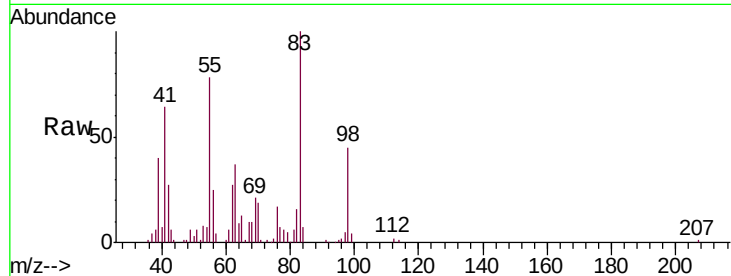




#39
Methylcyclohexane
Concen: 19.628 ug/l
RT: 6.42 min Scan# 1814
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

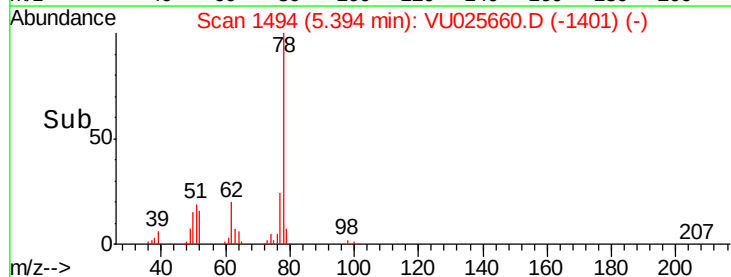
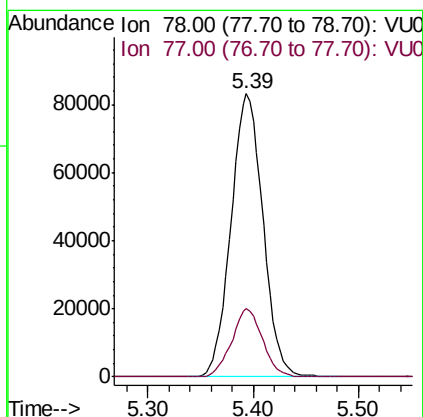
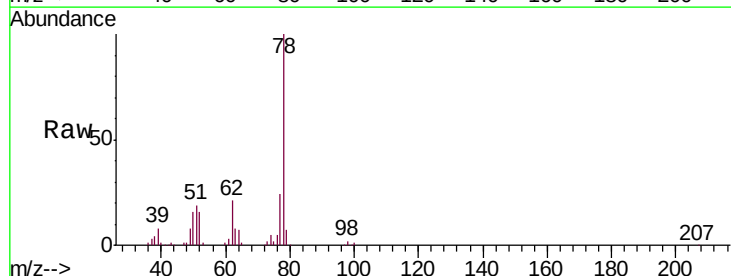
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

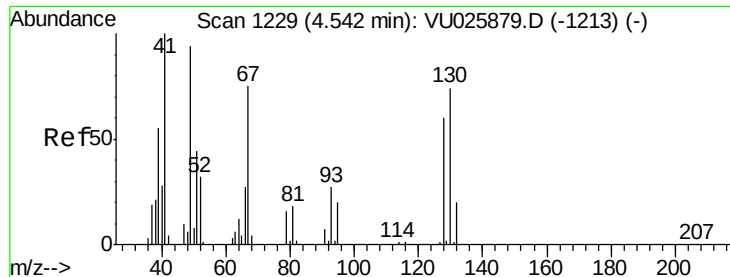
Tgt Ion: 83 Resp: 66664
Ion Ratio Lower Upper
83 100
55 78.3 60.0 90.0
98 45.0 36.1 54.1



#40
Benzene
Concen: 20.153 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion: 78 Resp: 174617
Ion Ratio Lower Upper
78 100
77 24.1 19.8 29.6

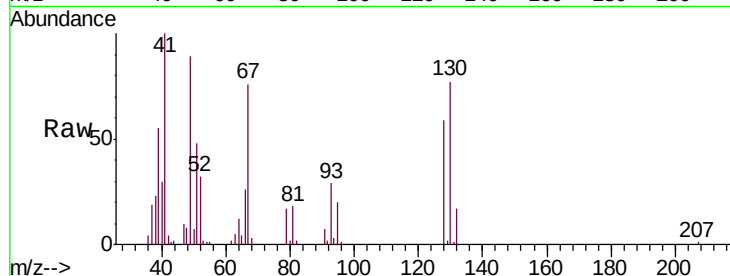




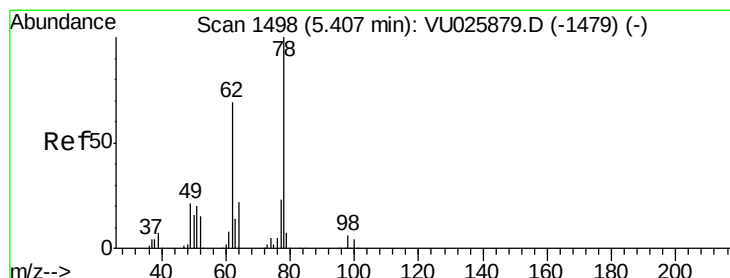
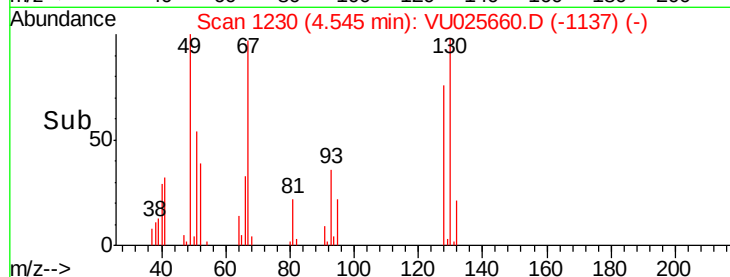
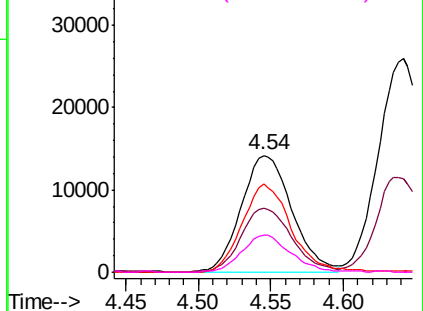
#41
Methacrylonitrile
Concen: 20.233 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	34542
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.4	66.6
67	72.8	56.0	84.0
52	30.5	24.6	36.8

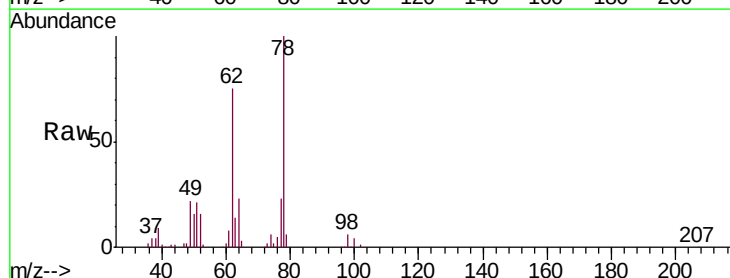


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

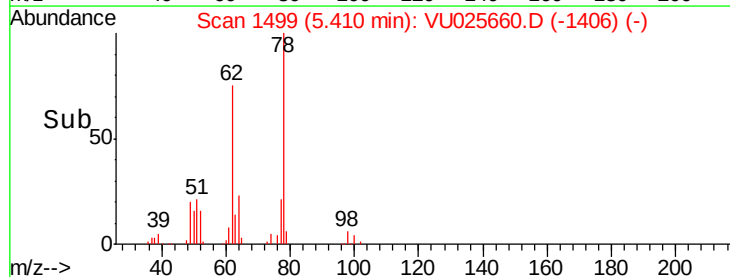
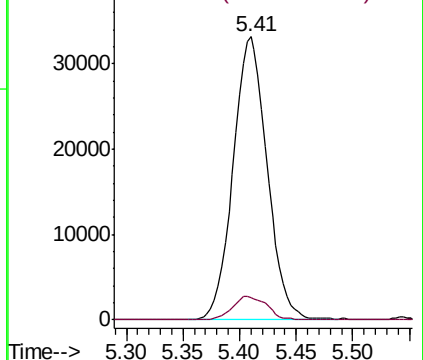


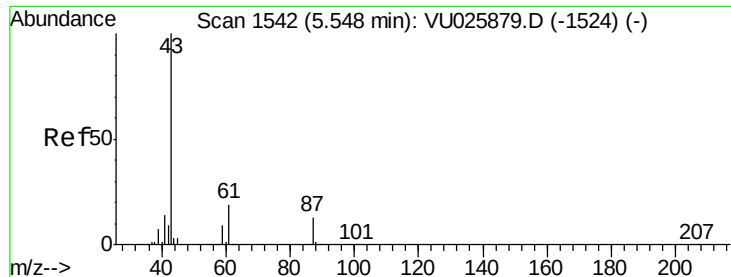
#42
1,2-Dichloroethane
Concen: 20.848 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion:	62	Resp:	69556
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.4



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





#43

Isopropyl Acetate

Concen: 20.470 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

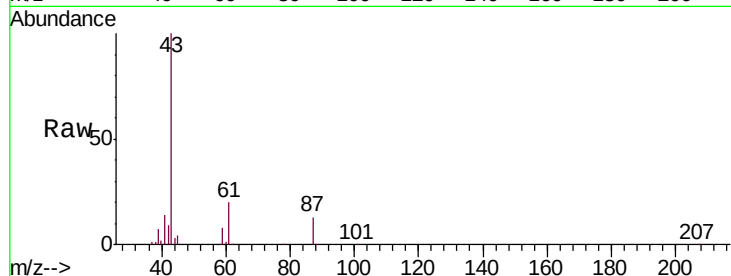
Tgt Ion: 43 Resp: 103969

Ion Ratio Lower Upper

43 100

61 19.7 15.5 23.3

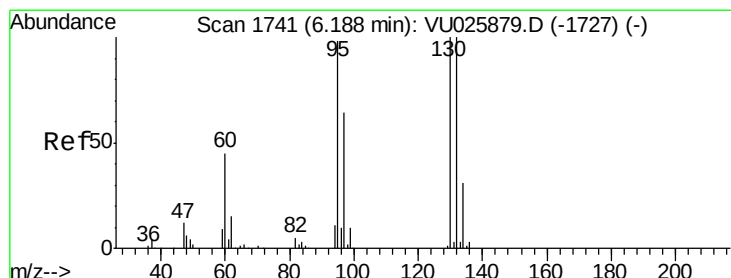
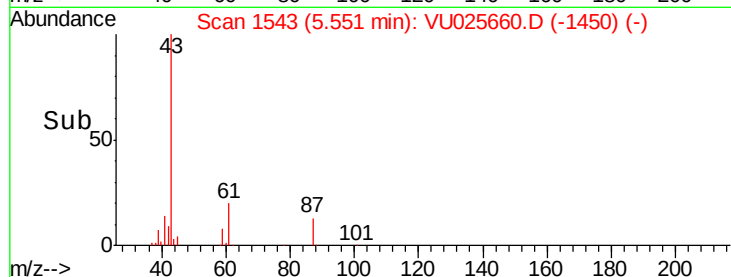
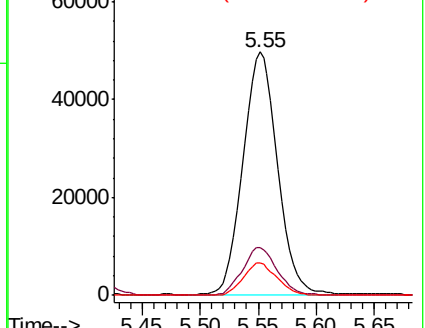
87 13.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025660.D (-1450) (-)

Ion 61.00 (60.70 to 61.70): VU025660.D (-1450) (-)

Ion 87.00 (86.70 to 87.70): VU025660.D (-1450) (-)



#44

Trichloroethene

Concen: 20.138 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025660.D

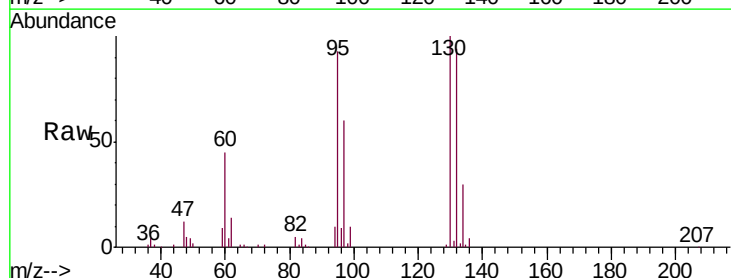
Acq: 27 Jul 2018 10:41

Tgt Ion: 130 Resp: 48593

Ion Ratio Lower Upper

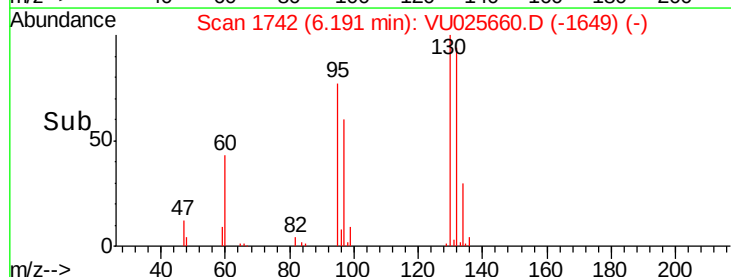
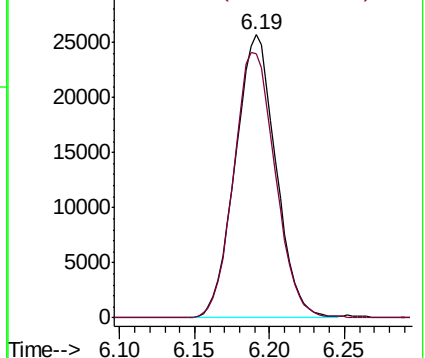
130 100

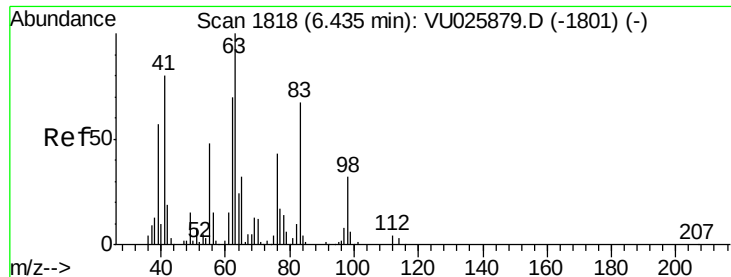
95 93.1 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025660.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU025660.D (-1649) (-)





#45

1,2-Dichloropropane

Concen: 20.153 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

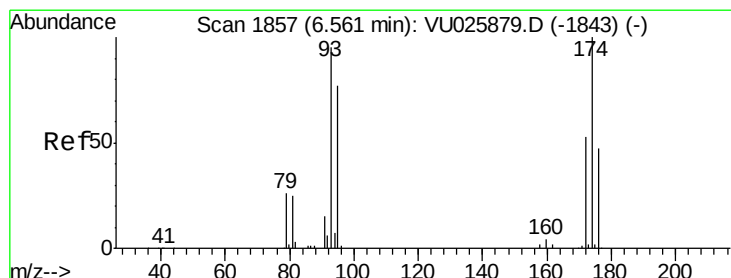
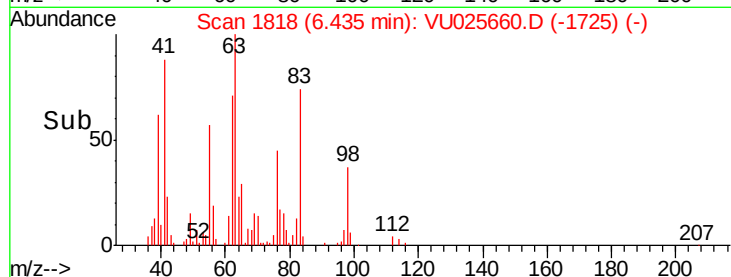
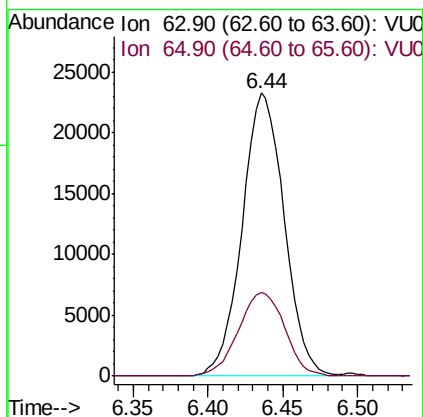
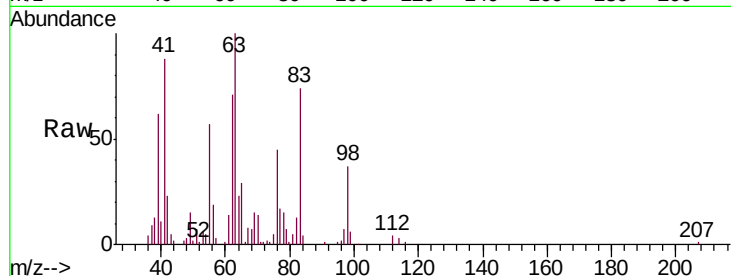
VSTDIC020

Tgt Ion: 63 Resp: 45542

Ion Ratio Lower Upper

63 100

65 29.5 26.1 39.1



#46

Dibromomethane

Concen: 19.801 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

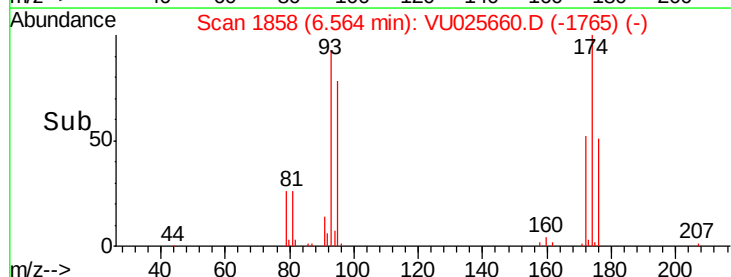
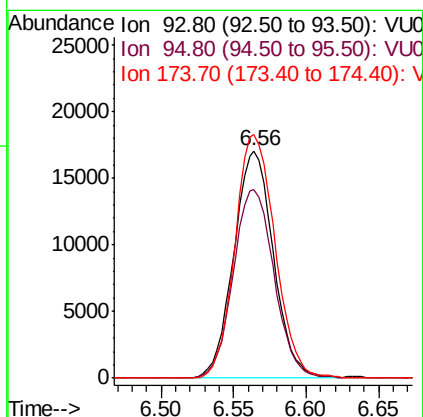
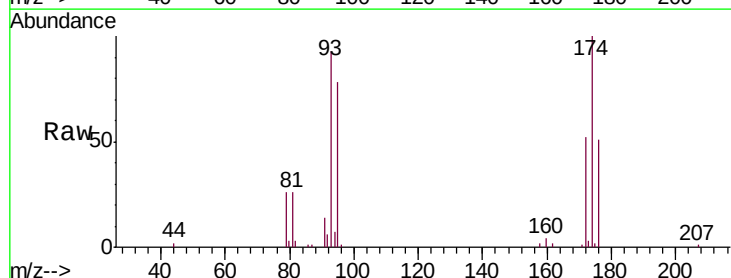
Tgt Ion: 93 Resp: 32422

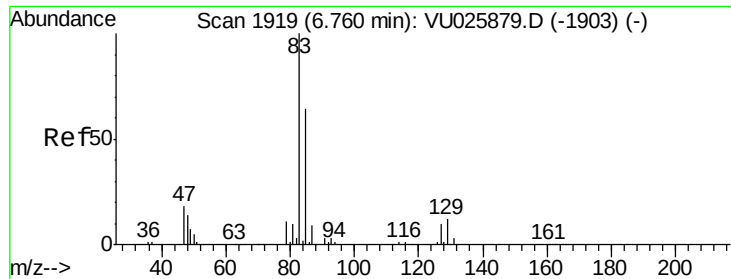
Ion Ratio Lower Upper

93 100

95 85.4 66.6 100.0

174 108.5 85.8 128.8





#47

Bromodichloromethane

Concen: 19.891 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

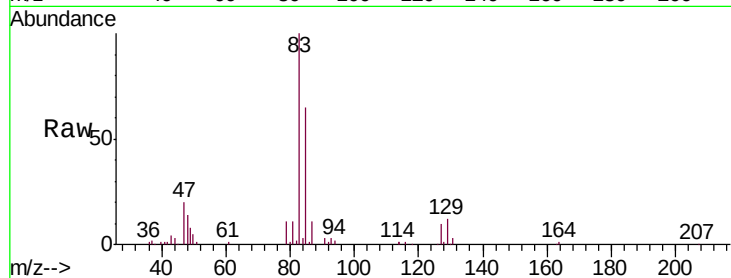
Tgt Ion: 83 Resp: 62128

Ion Ratio Lower Upper

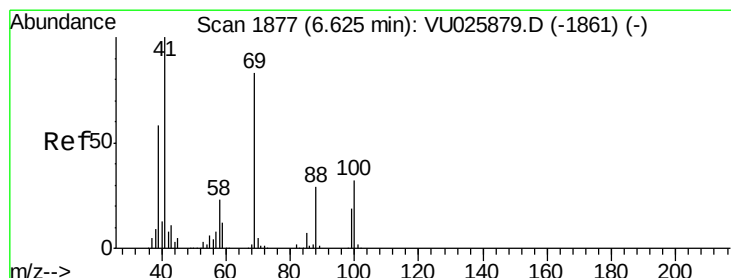
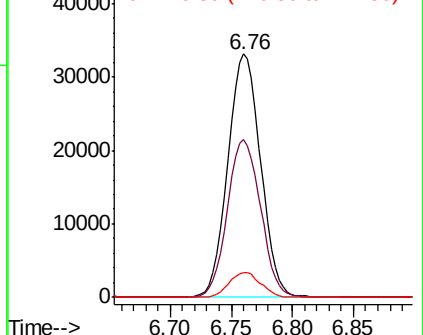
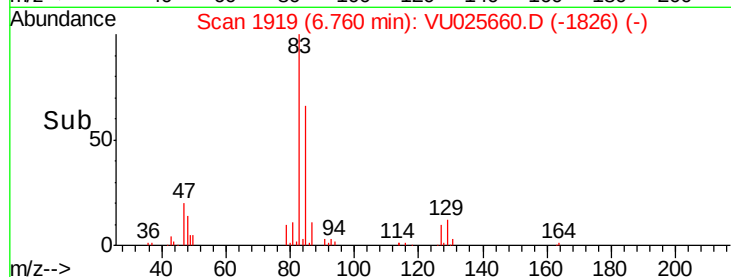
83 100

85 64.8 50.2 75.4

127 10.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU025660.D (-1826) (-)



#48

Methyl methacrylate

Concen: 20.426 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

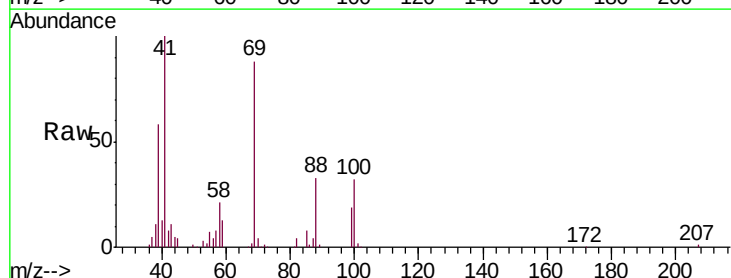
Tgt Ion: 41 Resp: 50847

Ion Ratio Lower Upper

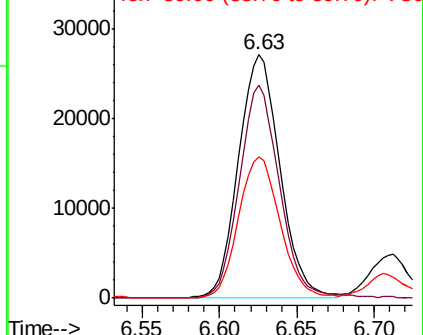
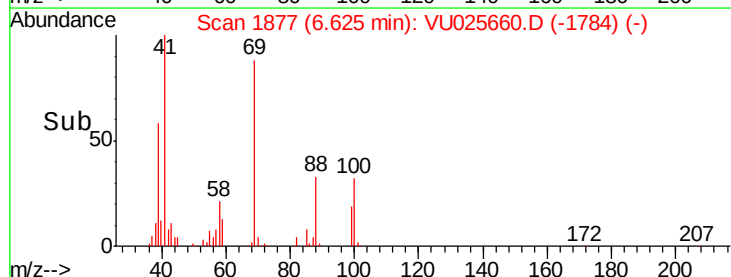
41 100

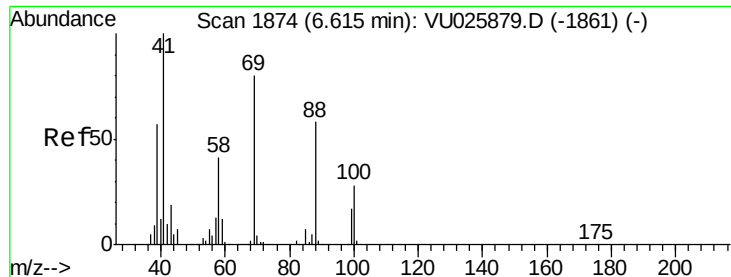
69 84.7 65.0 97.4

39 58.2 46.4 69.6



Abundance Ion 41.00 (40.70 to 41.70): VU025660.D (-1784) (-)

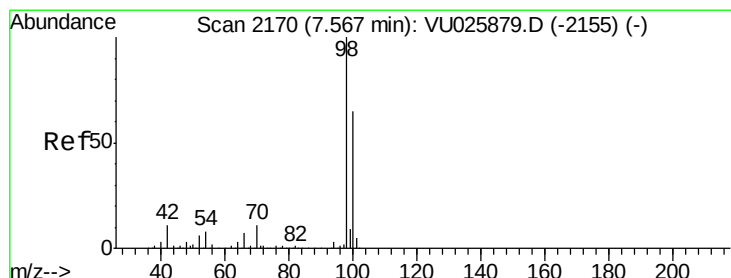
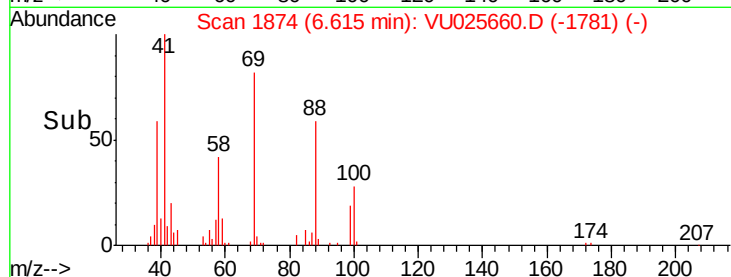
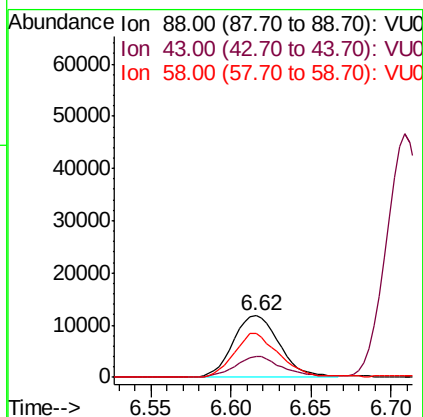
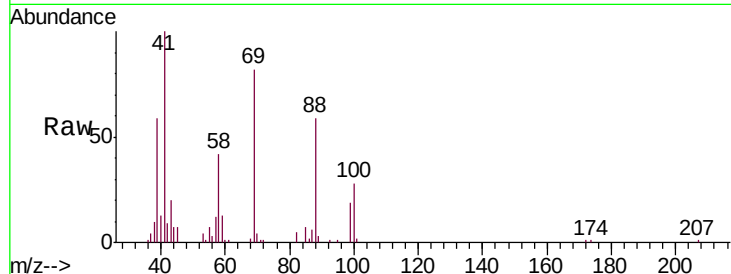




#49
1,4-Dioxane
Concen: 388.674 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

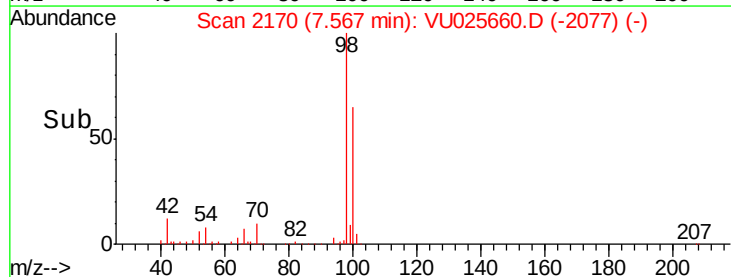
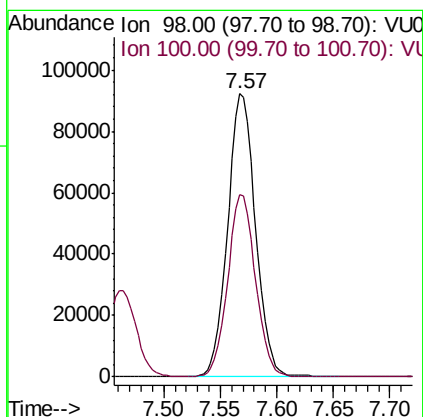
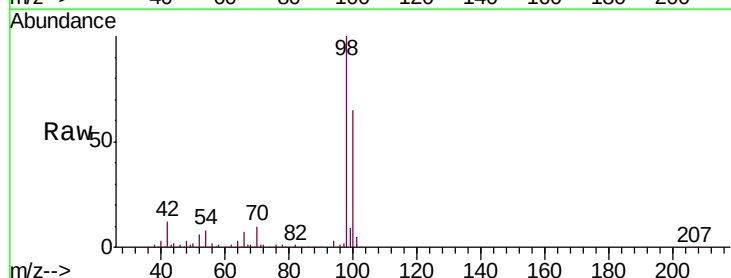
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

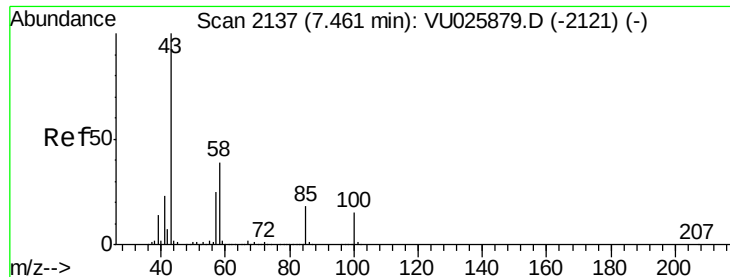
Tgt Ion: 88 Resp: 23545
Ion Ratio Lower Upper
88 100
43 34.3 27.3 40.9
58 69.0 57.6 86.4



#50
Toluene-d8
Concen: 20.468 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion: 98 Resp: 158014
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 103.027 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

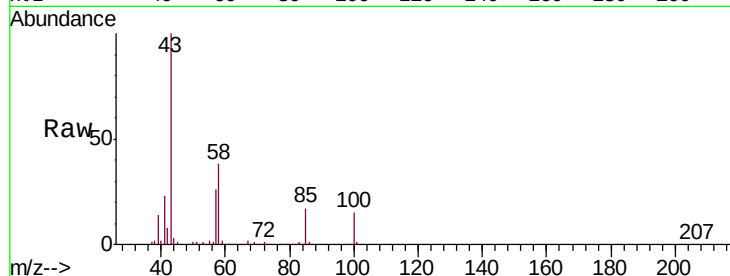
VSTDIC020

Tgt Ion: 43 Resp: 327611

Ion Ratio Lower Upper

43 100

58 37.8 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-2121) (-)

Ion 58.00 (57.70 to 58.70): VU025879.D (-2121) (-)

7.46

200000

150000

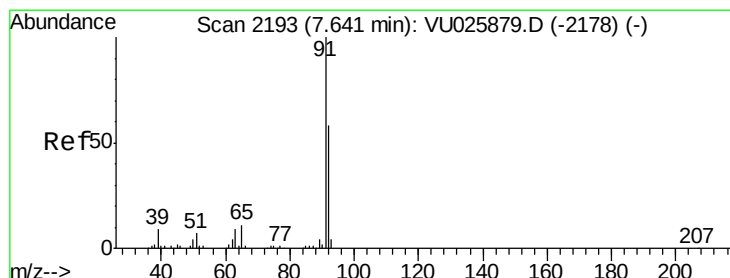
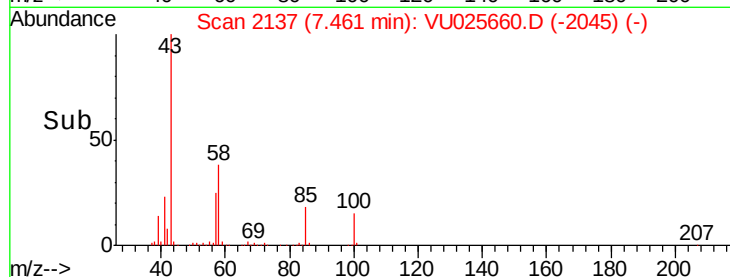
100000

50000

0

7.40 7.50

Time-->



#52

Toluene

Concen: 20.271 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025660.D

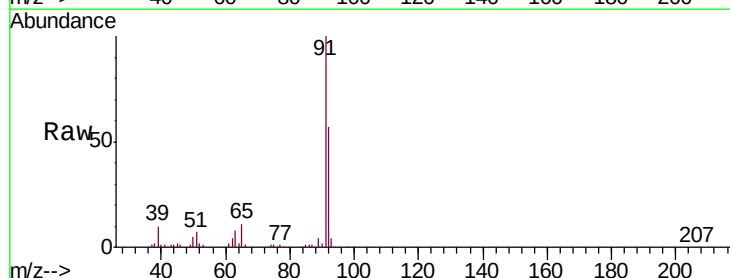
Acq: 27 Jul 2018 10:41

Tgt Ion: 92 Resp: 109117

Ion Ratio Lower Upper

92 100

91 176.4 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU025879.D (-2178) (-)

Ion 91.00 (90.70 to 91.70): VU025879.D (-2178) (-)

7.64

120000

100000

80000

60000

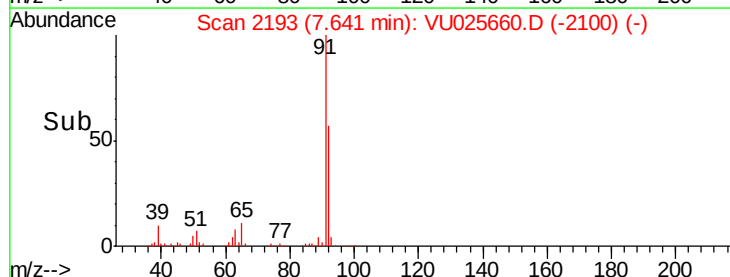
40000

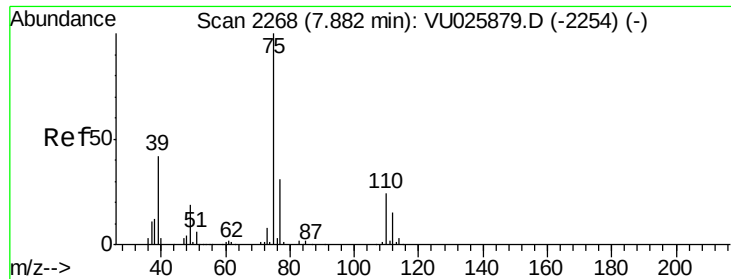
20000

0

7.55 7.60 7.65 7.70 7.75

Time-->

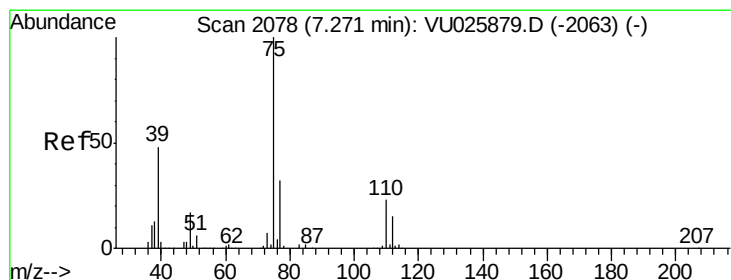
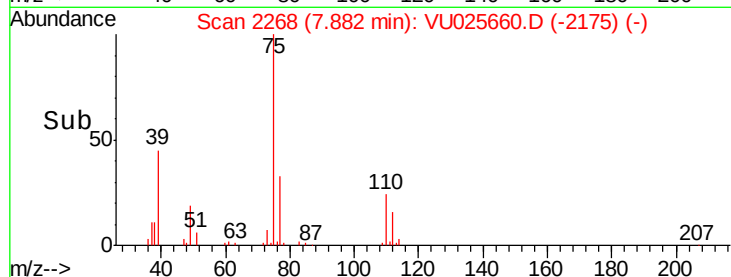
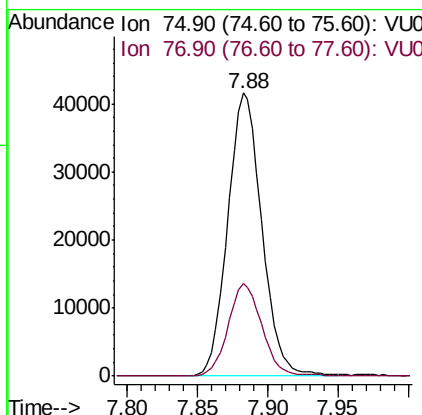
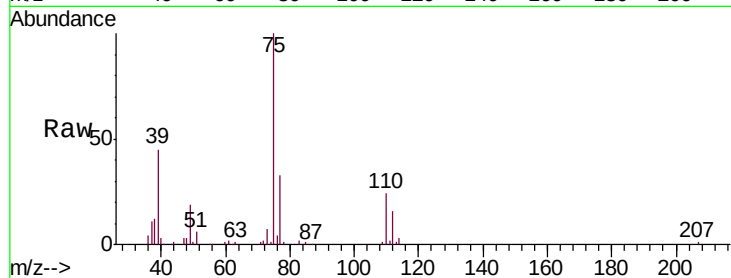




#53
 t-1,3-Dichloropropene
 Concen: 20.019 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

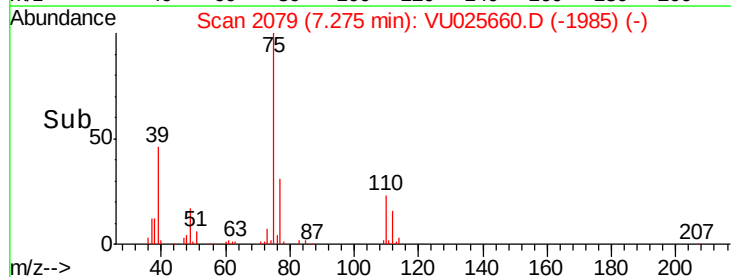
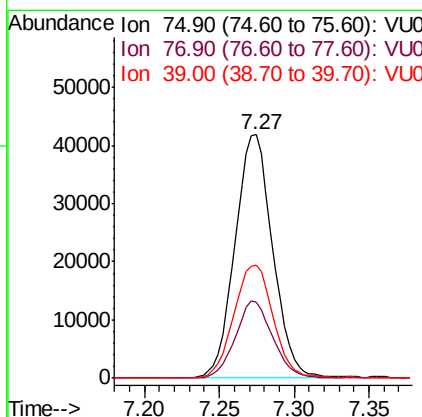
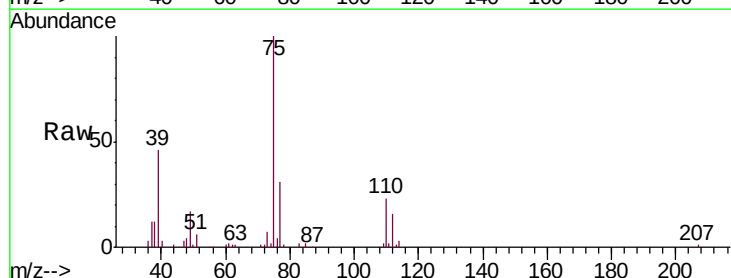
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

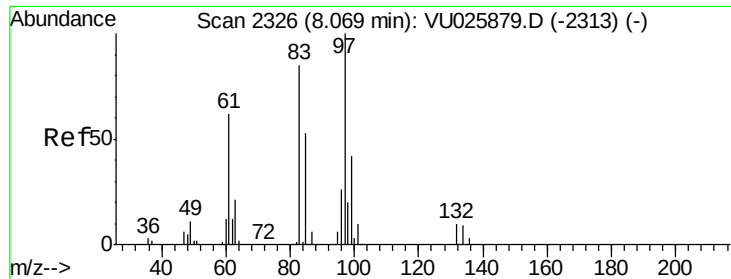
Tgt Ion: 75 Resp: 70207
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.385 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion: 75 Resp: 73435
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4
 39 46.4 40.0 60.0

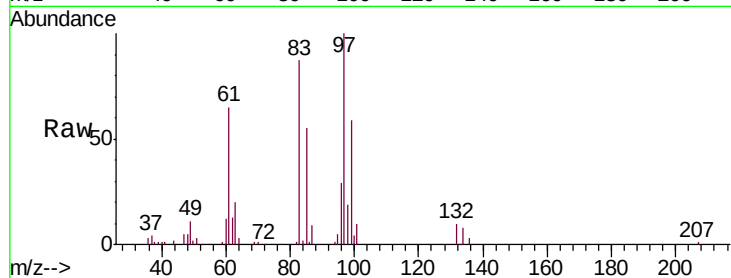




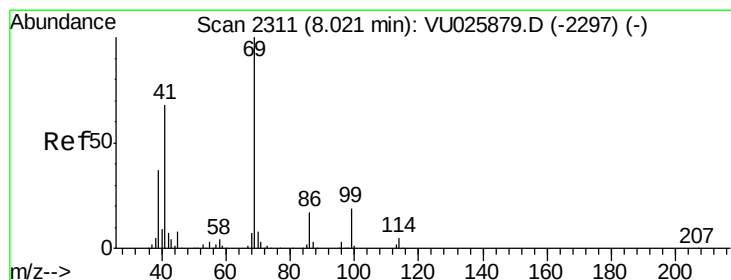
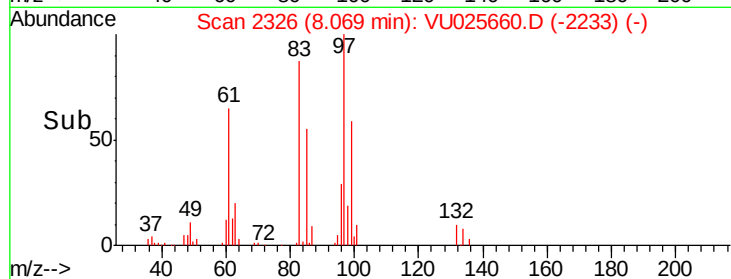
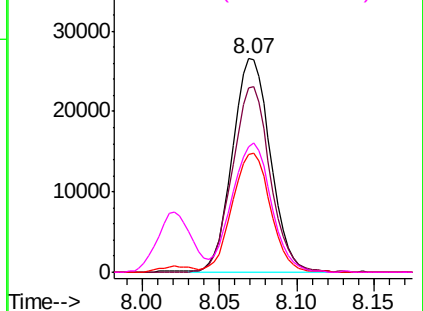
#55
 1,1,2-Trichloroethane
 Concen: 20.310 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	45435
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.9	103.3
85	55.3	44.4	66.6
99	58.9	51.0	76.4

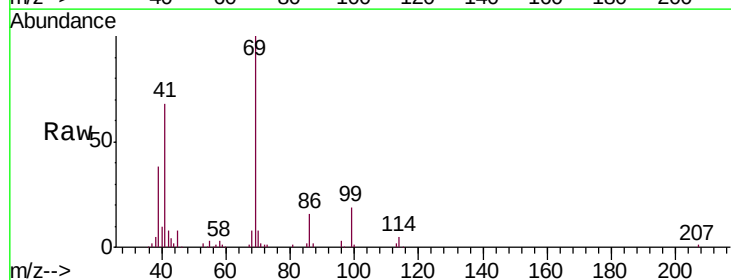


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

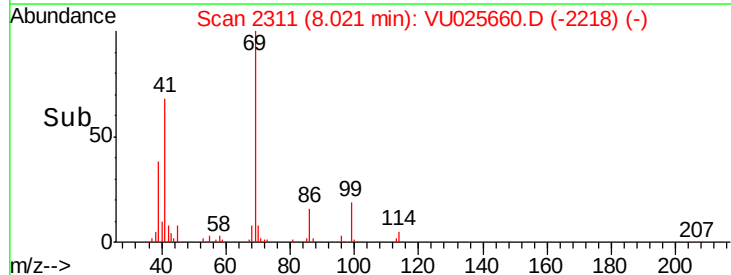
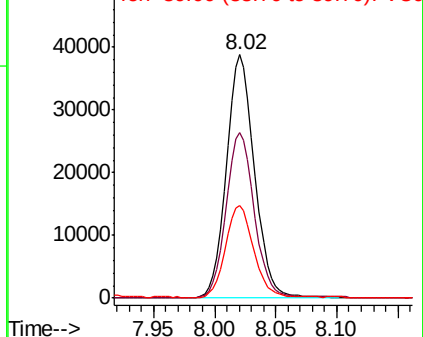


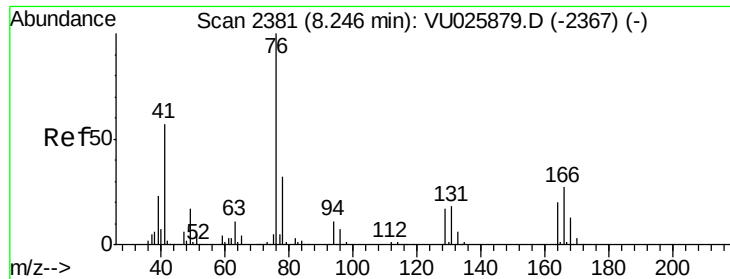
#56
 Ethyl methacrylate
 Concen: 19.653 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion:	69	Resp:	62817
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.8	82.2
39	38.9	31.1	46.7



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

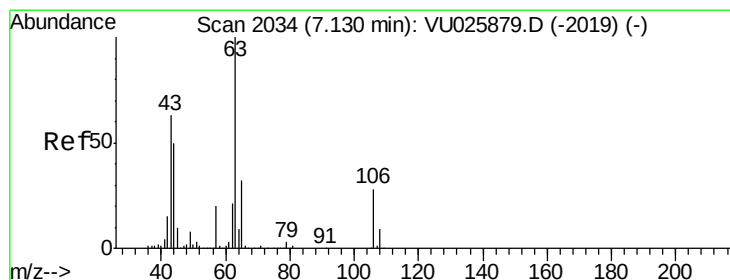
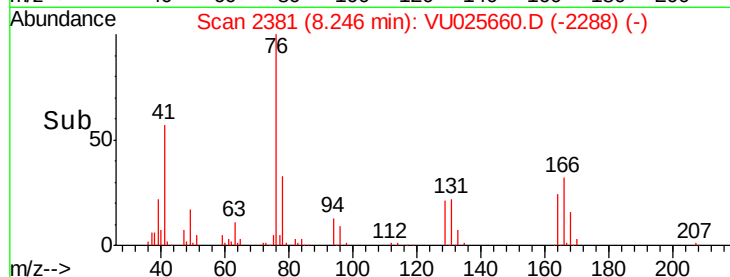
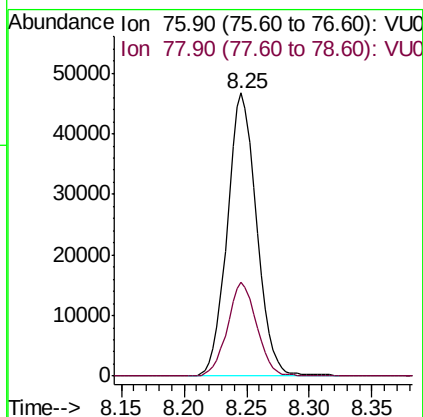
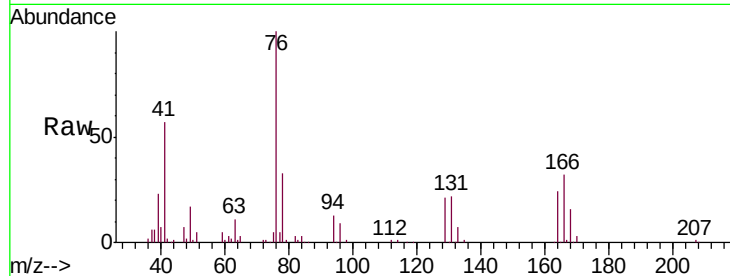




#57
 1,3-Dichloropropane
 Concen: 20.157 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

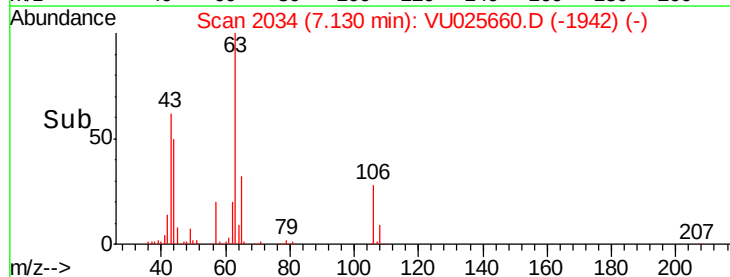
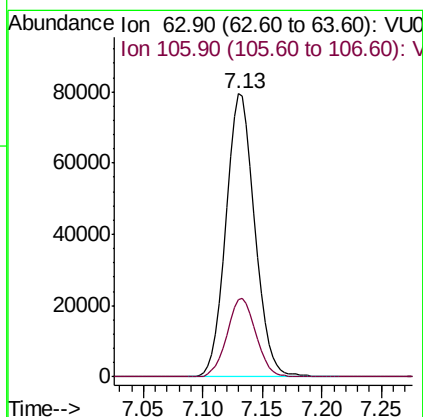
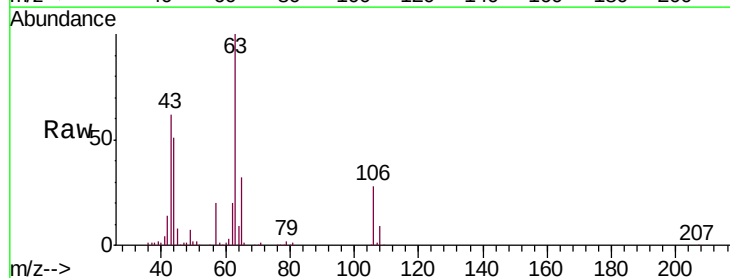
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

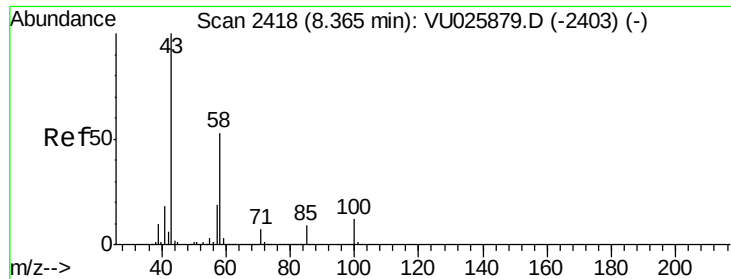
Tgt Ion: 76 Resp: 75833
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.770 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion: 63 Resp: 133603
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.3 33.5

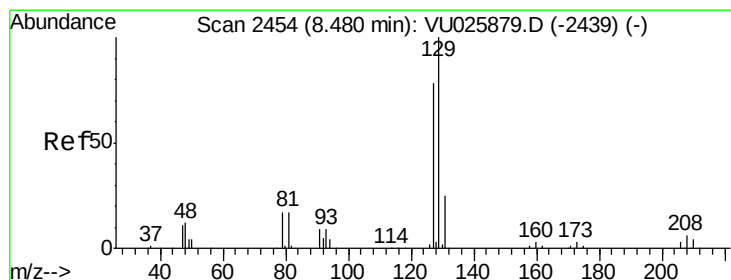
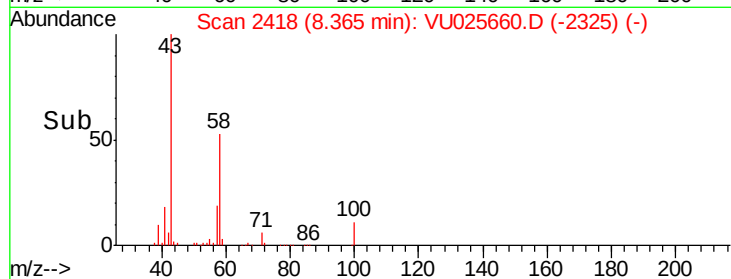
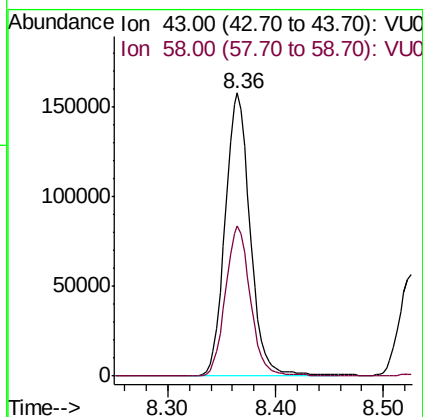
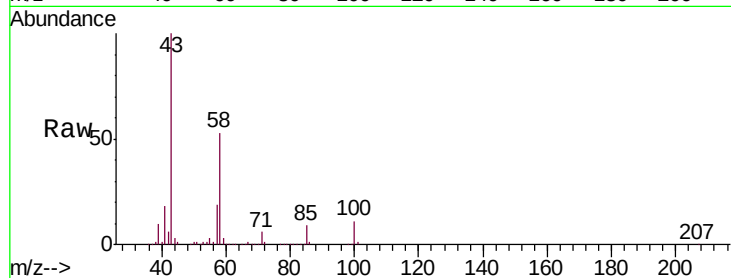




#59
2-Hexanone
Concen: 102.164 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

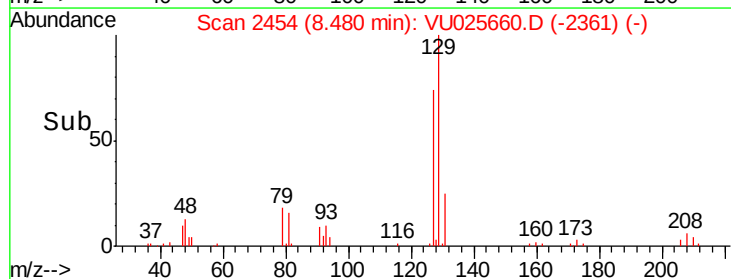
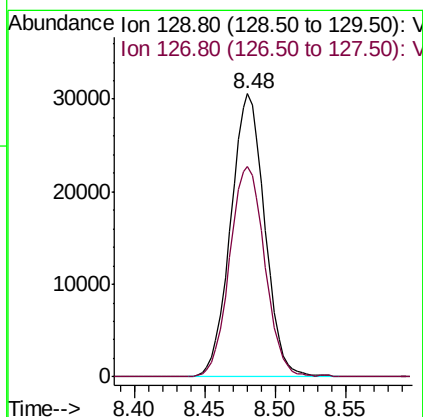
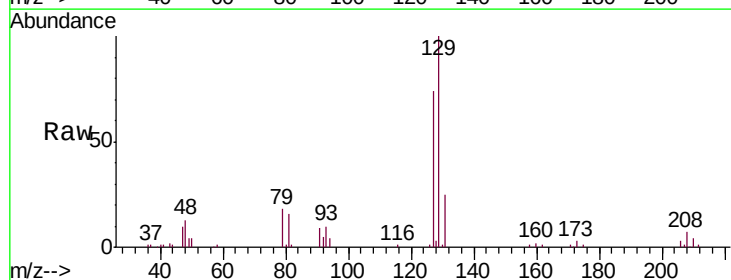
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

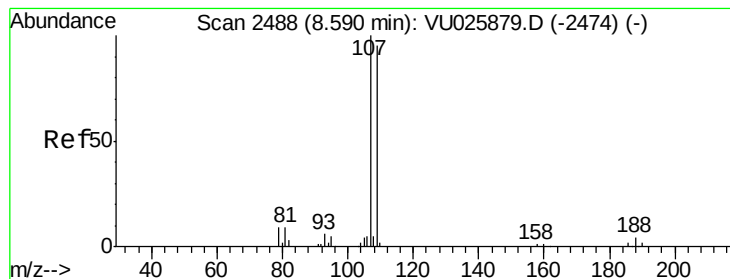
Tgt Ion: 43 Resp: 254657
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5



#60
Dibromochloromethane
Concen: 19.591 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion: 129 Resp: 51682
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.185 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

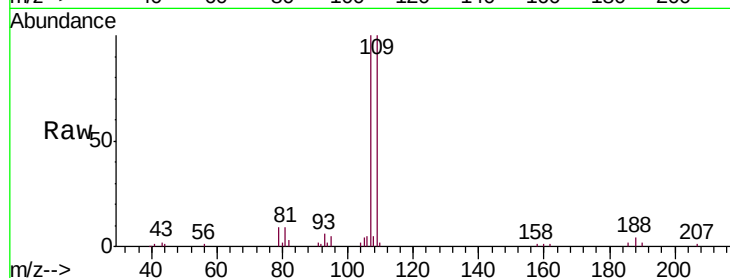
VSTDIC020

Tgt Ion: 107 Resp: 50217

Ion Ratio Lower Upper

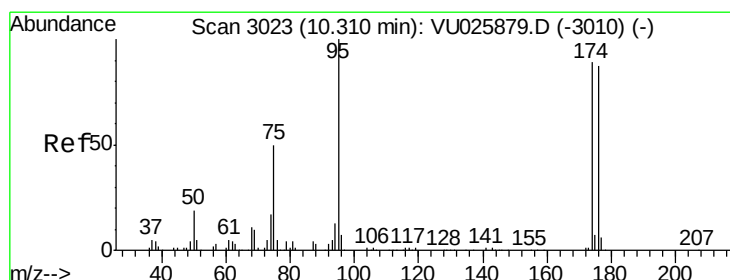
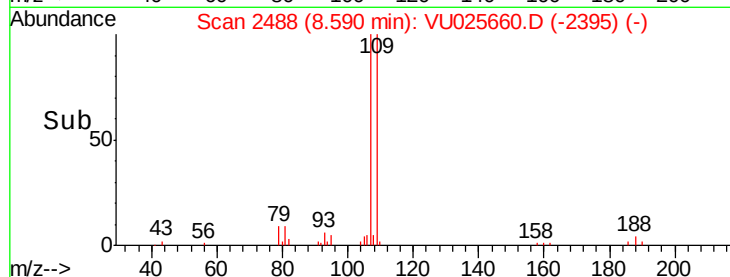
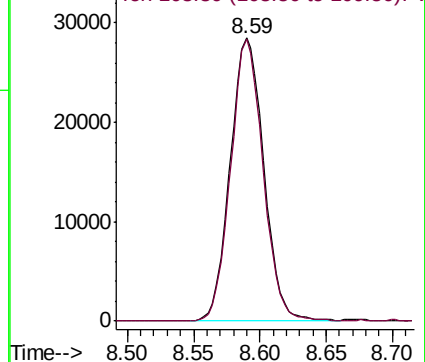
107 100

109 95.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.345 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

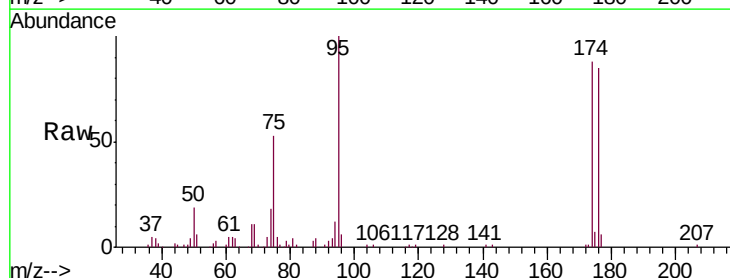
Tgt Ion: 95 Resp: 57966

Ion Ratio Lower Upper

95 100

174 90.5 0.0 172.2

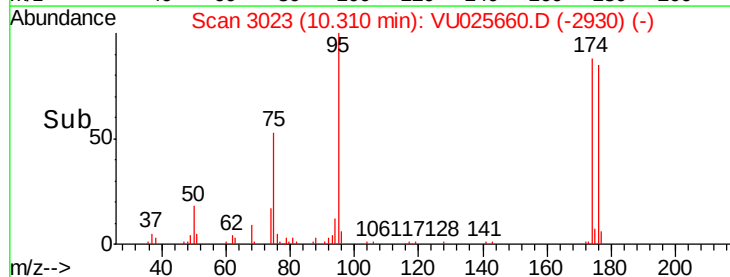
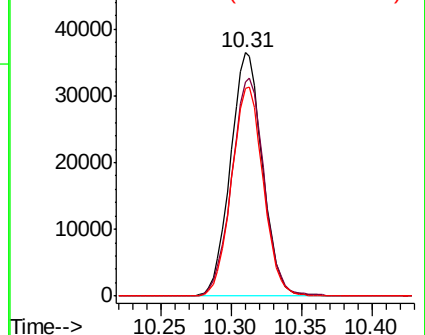
176 85.0 0.0 162.6

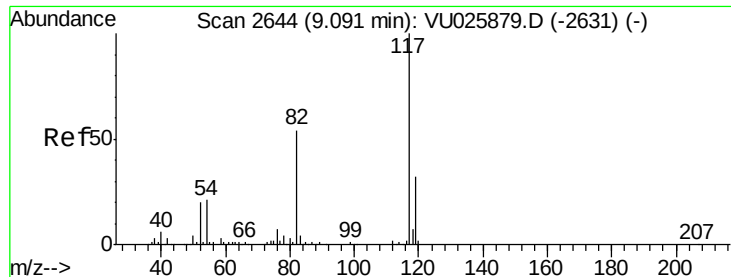


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

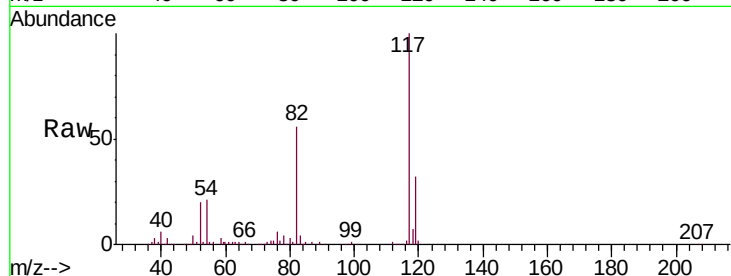




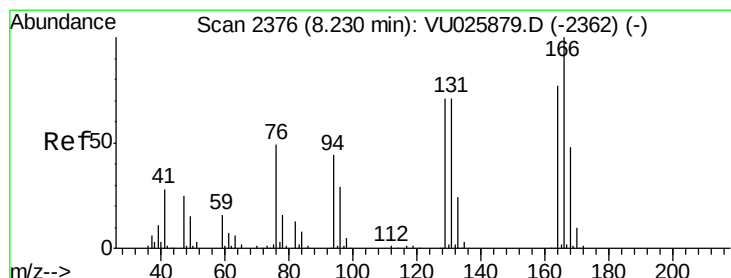
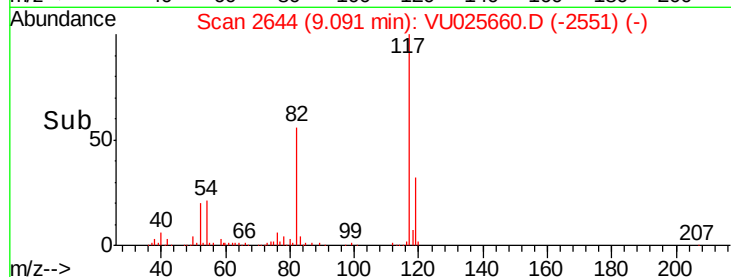
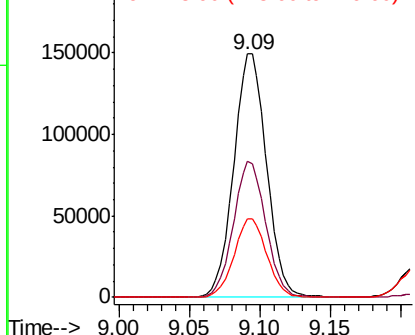
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 243914
Ion Ratio Lower Upper
117 100
82 55.7 46.0 69.0
119 32.1 26.0 39.0

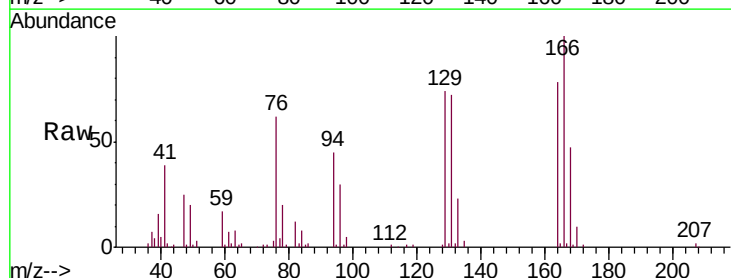


Abundance Ion 116.90 (116.60 to 117.60): V
200000 Ion 82.00 (81.70 to 82.70): V
150000 Ion 118.90 (118.60 to 119.60): V

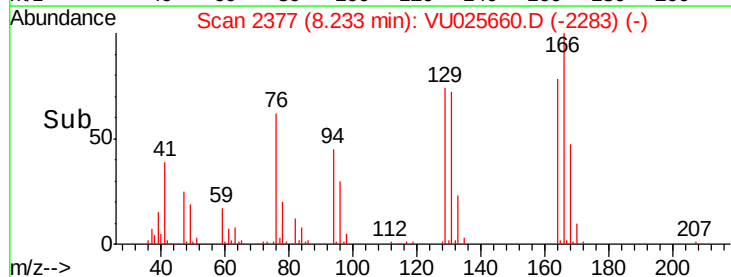
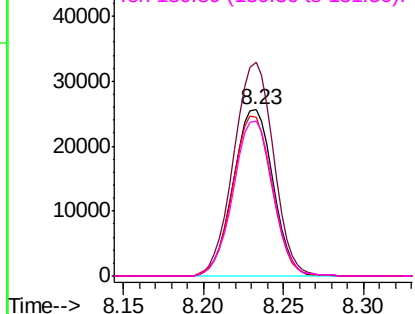


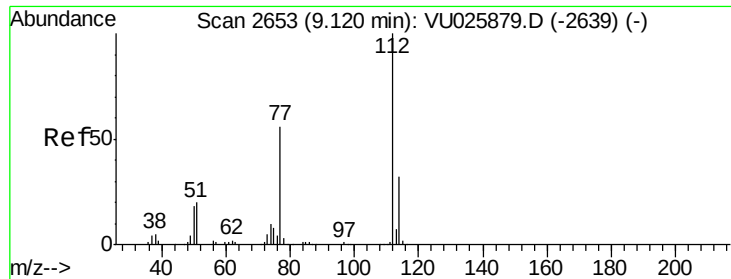
#64
Tetrachloroethene
Concen: 20.188 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion:164 Resp: 43343
Ion Ratio Lower Upper
164 100
166 128.5 101.1 151.7
129 95.2 73.0 109.6
131 93.0 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
50000 Ion 165.80 (165.50 to 166.50): V
40000 Ion 128.80 (128.50 to 129.50): V
30000 Ion 130.80 (130.50 to 131.50): V

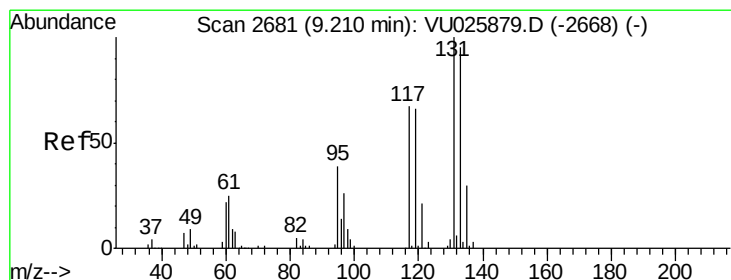
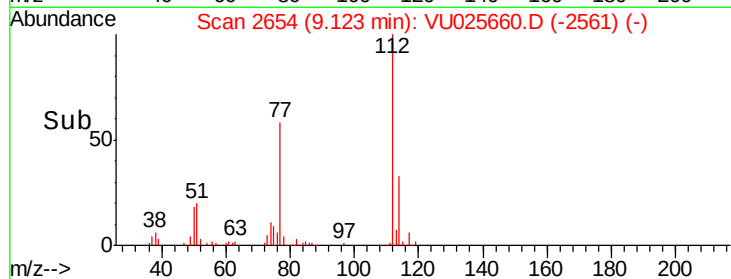
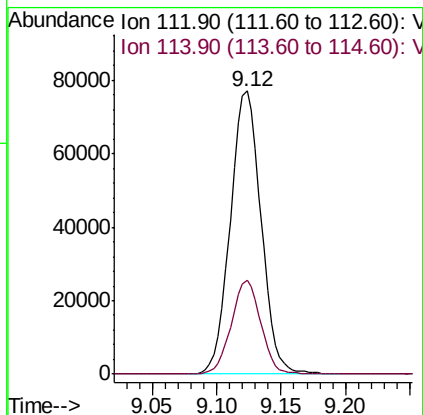
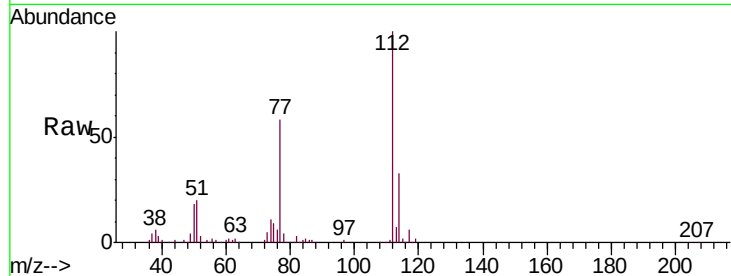




#65
Chlorobenzene
Concen: 20.332 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

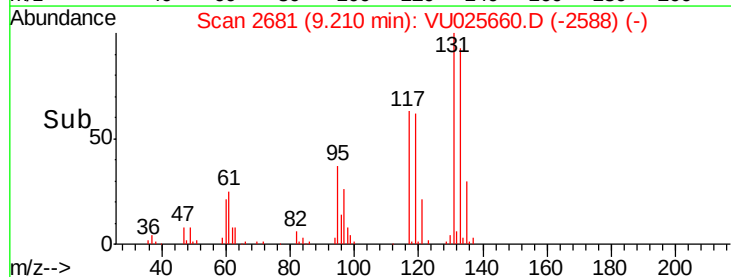
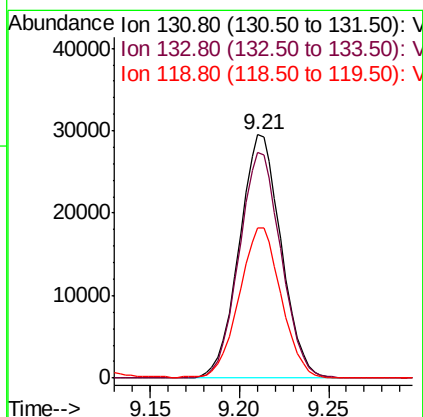
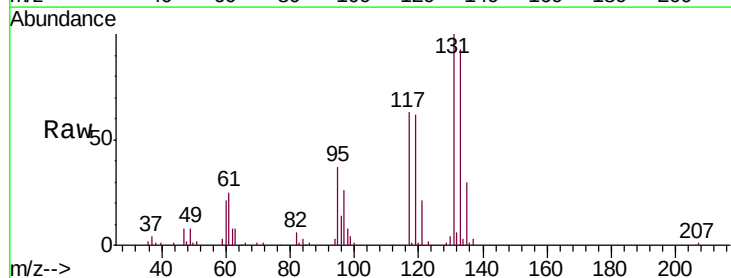
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

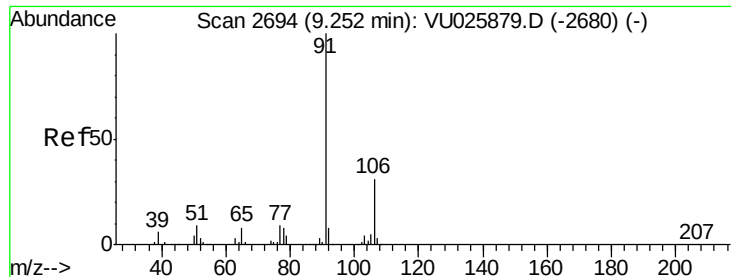
Tgt Ion:112 Resp: 127859
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.253 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion:131 Resp: 48349
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.3
119 62.3 31.6 95.0

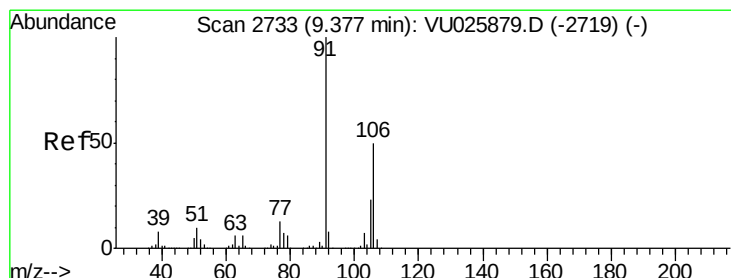
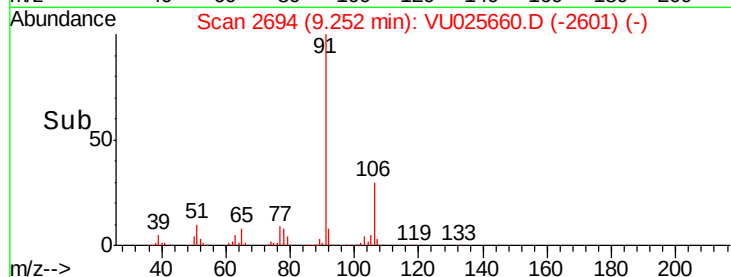
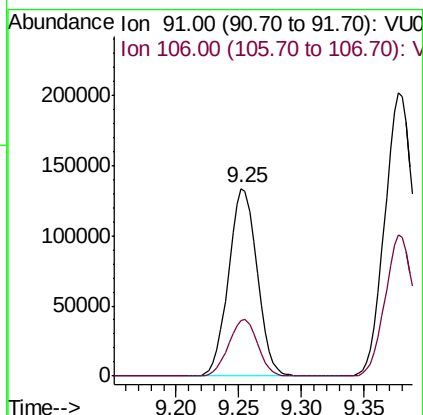
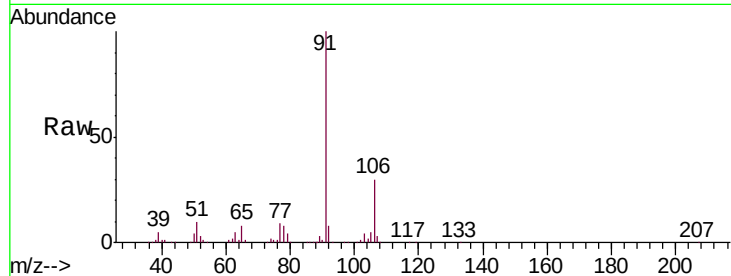




#67
Ethyl Benzene
Concen: 20.323 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

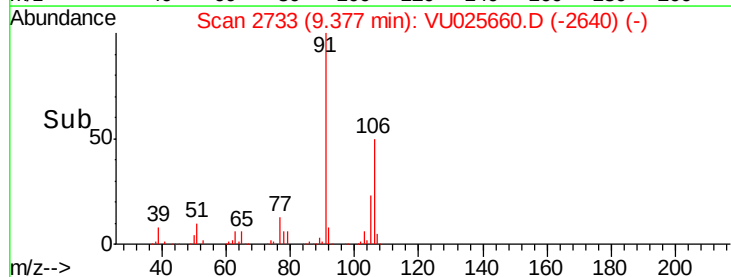
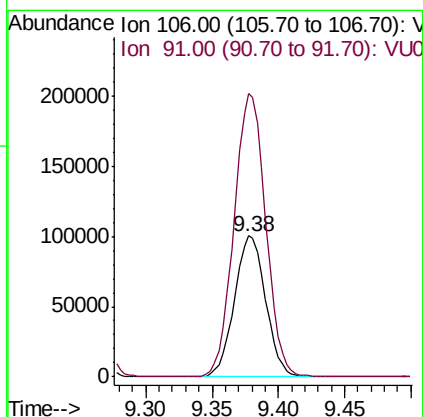
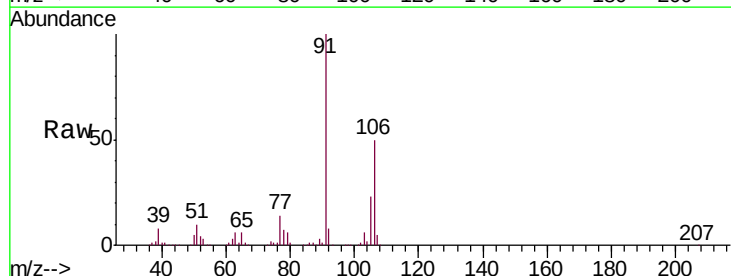
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

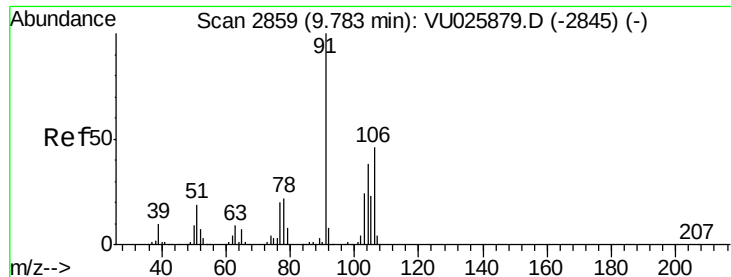
Tgt Ion: 91 Resp: 211704
Ion Ratio Lower Upper
91 100
106 29.5 25.3 37.9



#68
m/p-Xylenes
Concen: 40.960 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion: 106 Resp: 163809
Ion Ratio Lower Upper
106 100
91 203.9 162.3 243.5

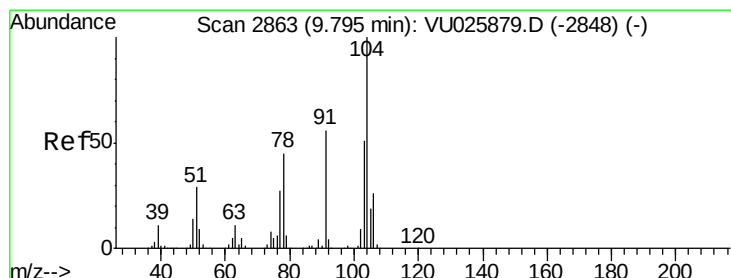
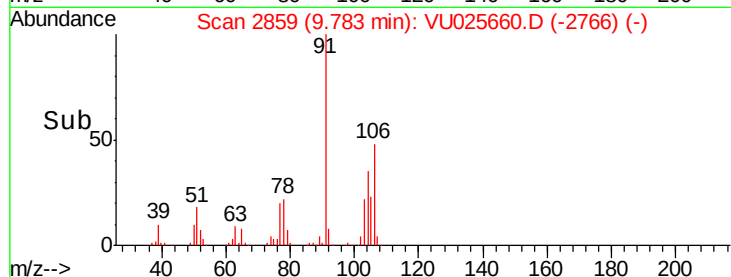
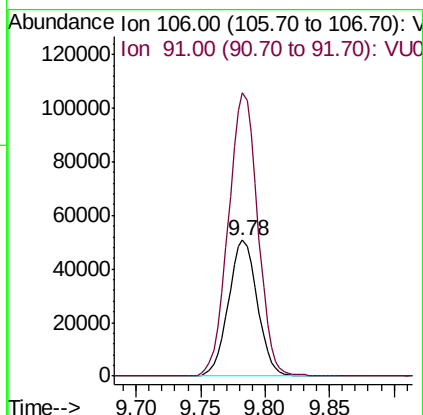
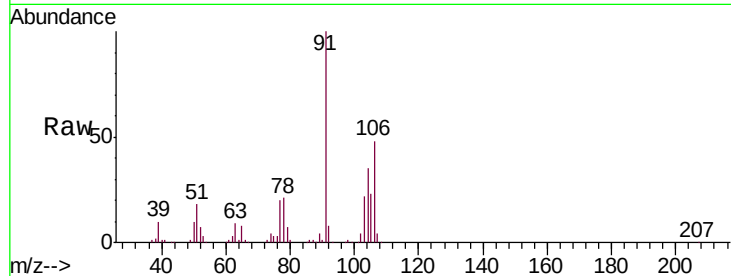




#69
o-Xylene
Concen: 20.250 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

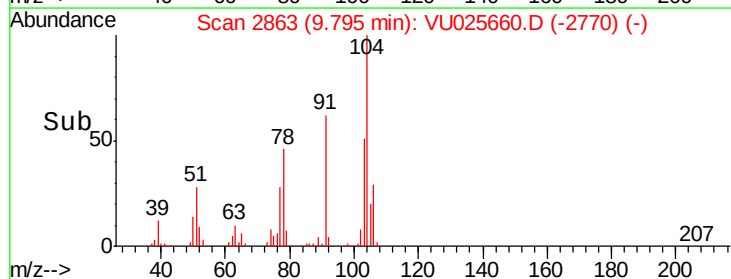
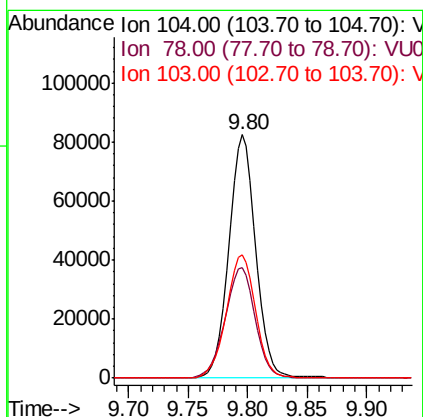
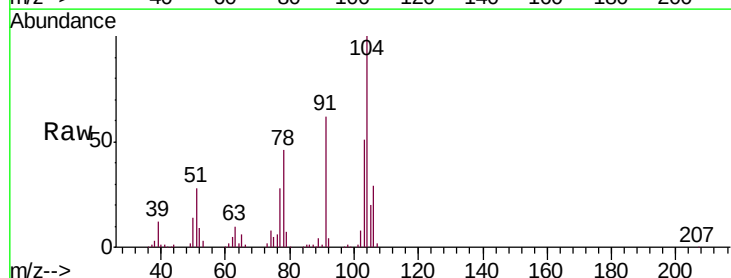
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

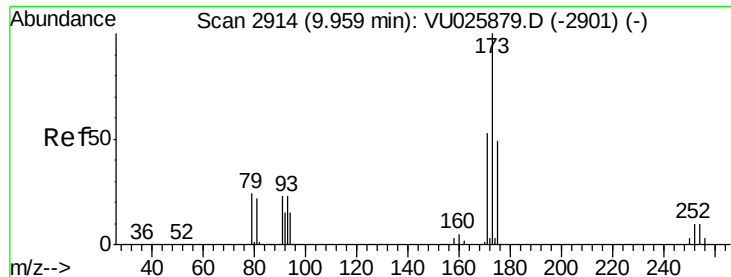
Tgt Ion:106 Resp: 79148
Ion Ratio Lower Upper
106 100
91 212.2 105.3 315.8



#70
Styrene
Concen: 20.458 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion:104 Resp: 129157
Ion Ratio Lower Upper
104 100
78 50.9 41.6 62.4
103 55.2 44.6 66.8





#71

Bromoform

Concen: 19.460 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

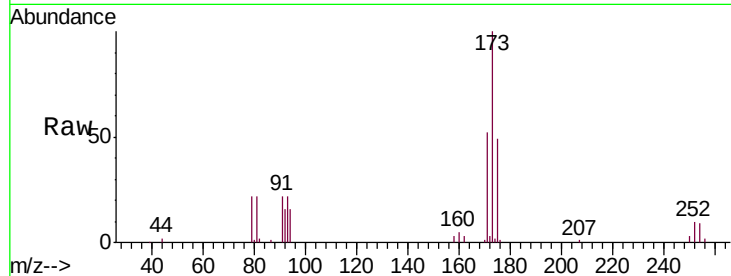
Tgt Ion:173 Resp: 38386

Ion Ratio Lower Upper

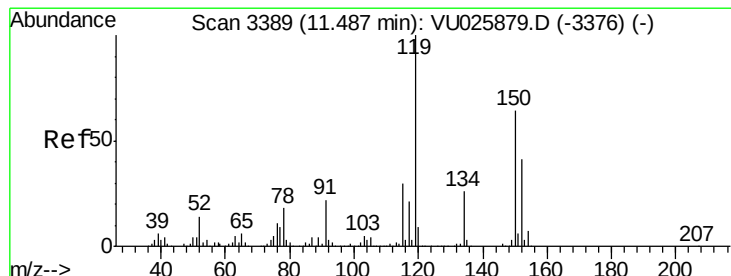
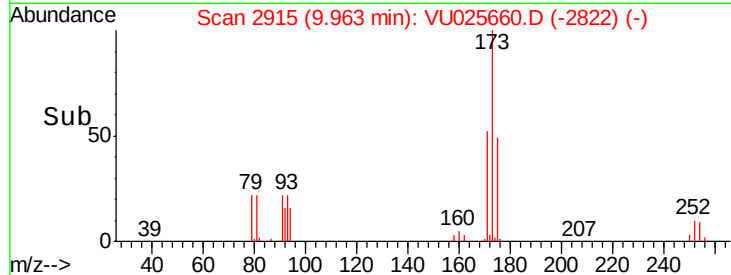
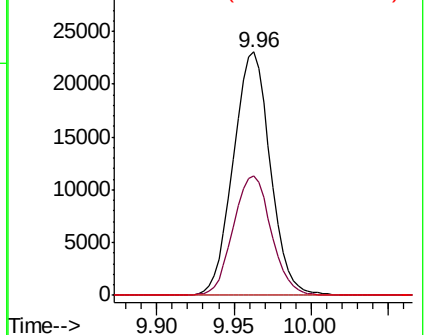
173 100

175 50.2 24.0 72.0

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: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

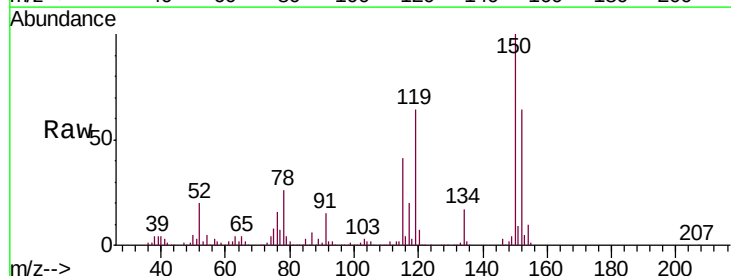
Tgt Ion:152 Resp: 153543

Ion Ratio Lower Upper

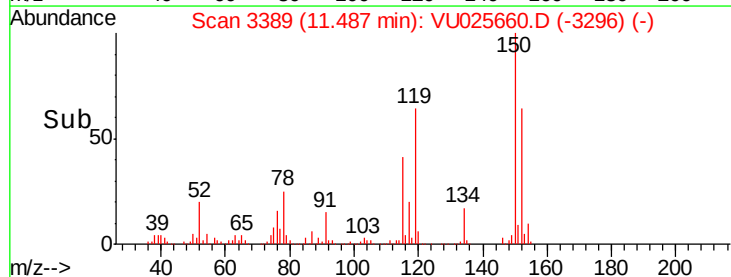
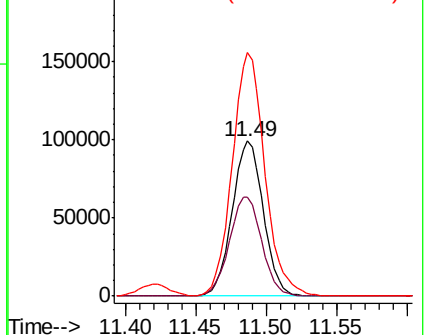
152 100

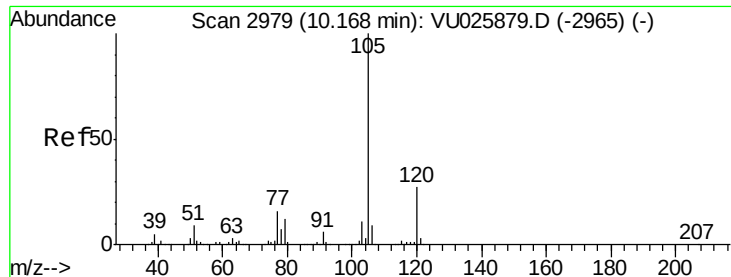
115 66.0 40.1 120.3

150 163.8 0.0 351.4



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: 20.564 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

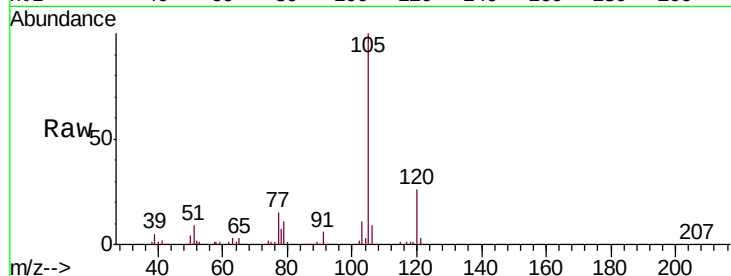
VSTDIC020

Tgt Ion:105 Resp: 215500

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

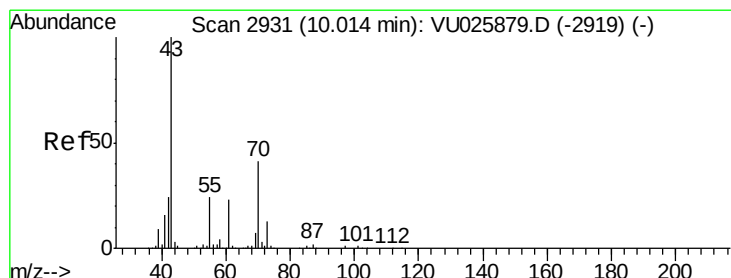
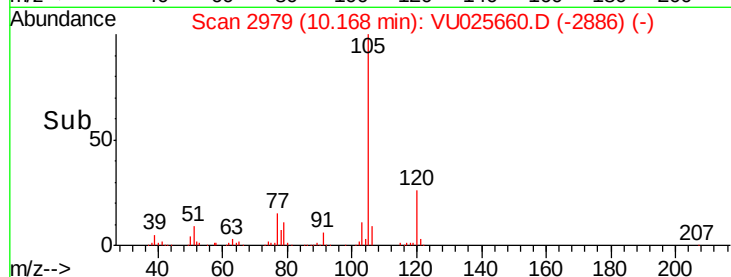
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.414 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Tgt Ion: 43 Resp: 87335

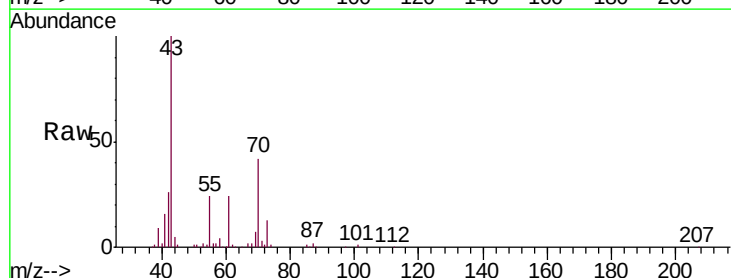
Ion Ratio Lower Upper

43 100

70 40.9 33.4 50.2

55 23.1 19.0 28.6

61 24.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

10.01

80000

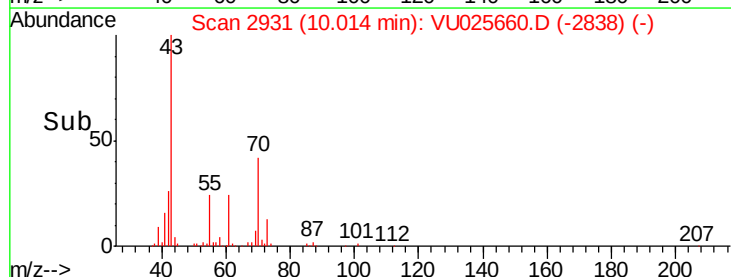
60000

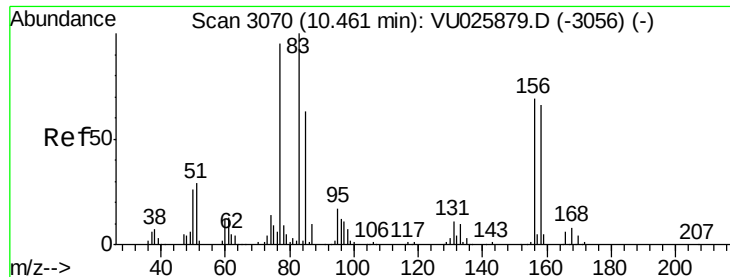
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.342 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

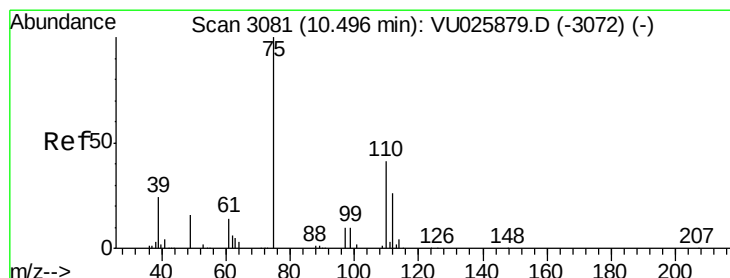
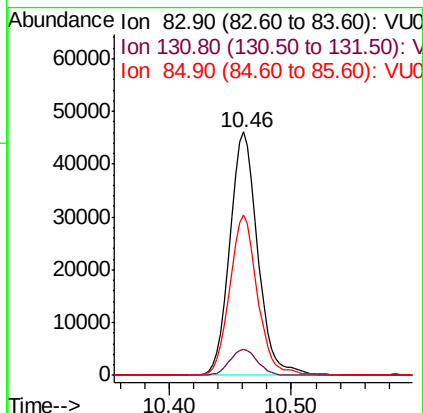
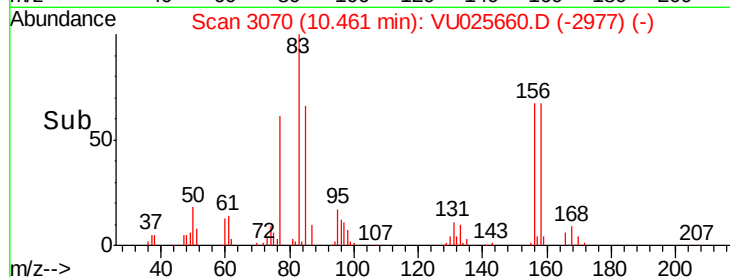
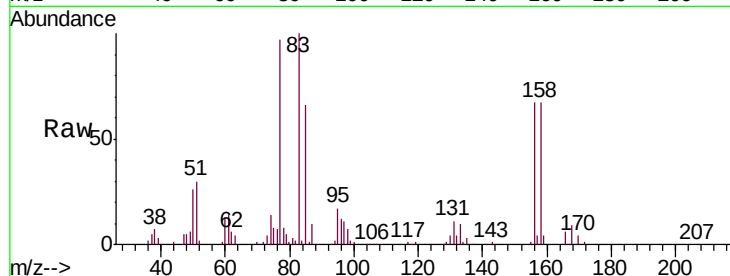
Tgt Ion: 83 Resp: 73721

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

85 65.6 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 25.274 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025660.D

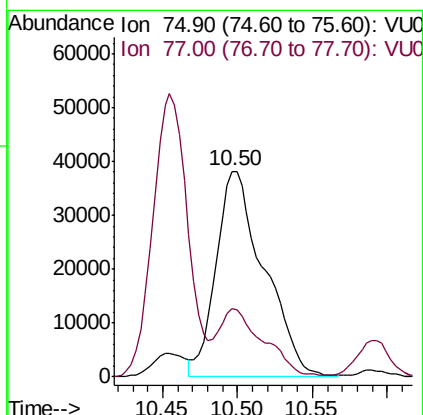
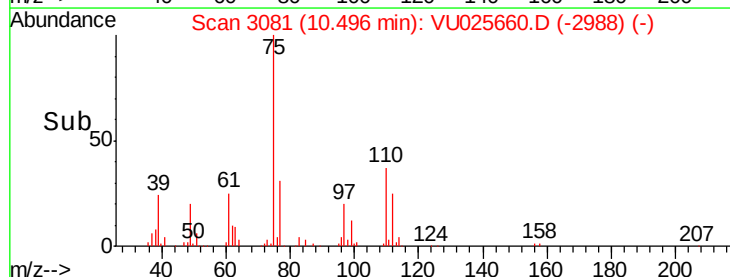
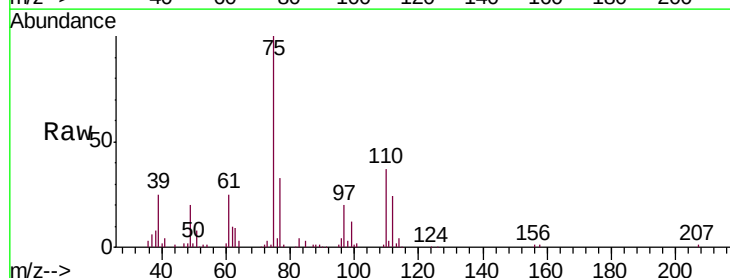
Acq: 27 Jul 2018 10:41

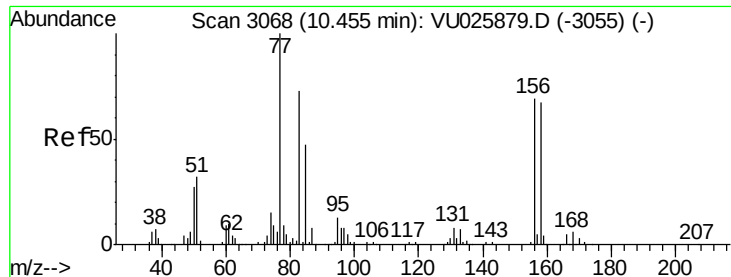
Tgt Ion: 75 Resp: 85504

Ion Ratio Lower Upper

75 100

77 30.1 20.4 61.3





#77

Bromobenzene

Concen: 19.619 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025660.D

Acq: 27 Jul 2018 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

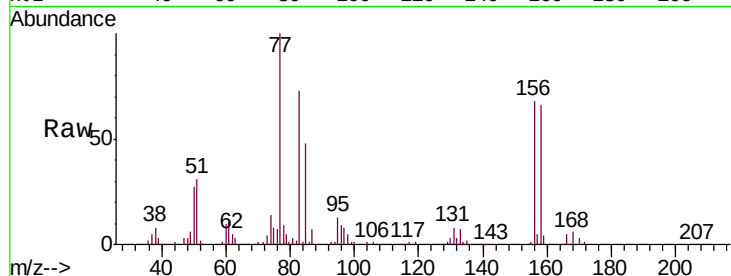
Tgt Ion:156 Resp: 56711

Ion Ratio Lower Upper

156 100

77 149.6 73.8 221.4

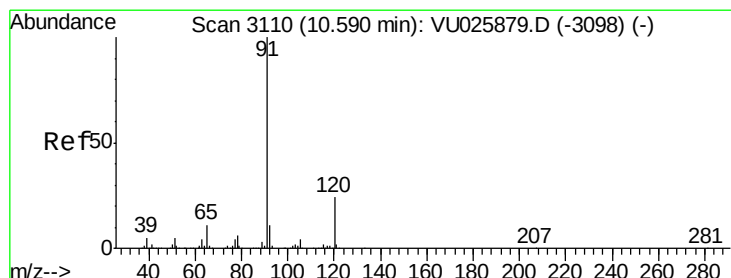
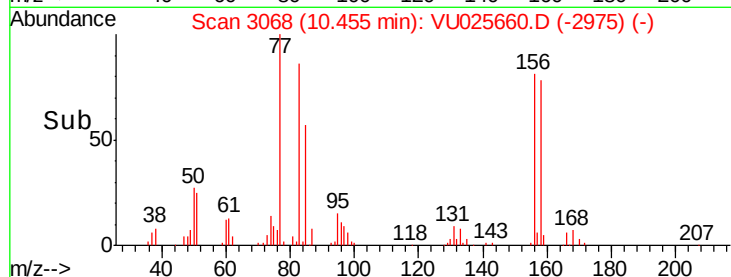
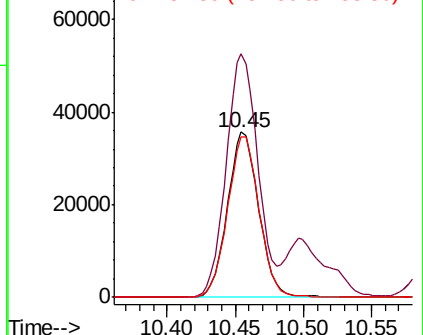
158 98.2 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.556 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025660.D

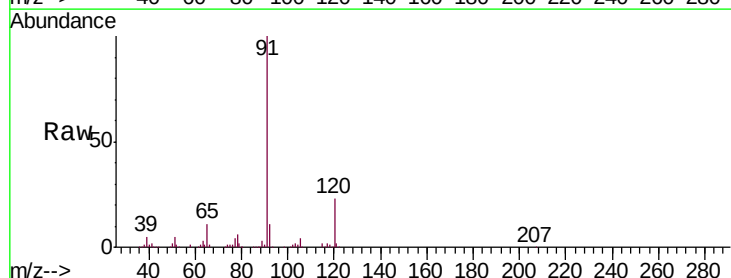
Acq: 27 Jul 2018 10:41

Tgt Ion: 91 Resp: 251434

Ion Ratio Lower Upper

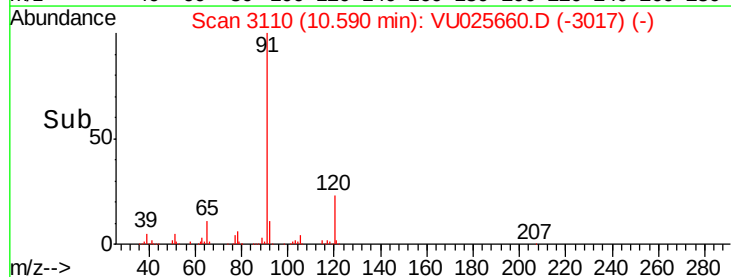
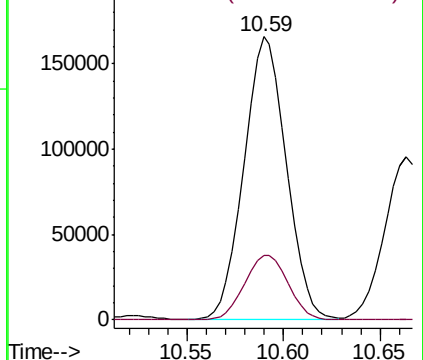
91 100

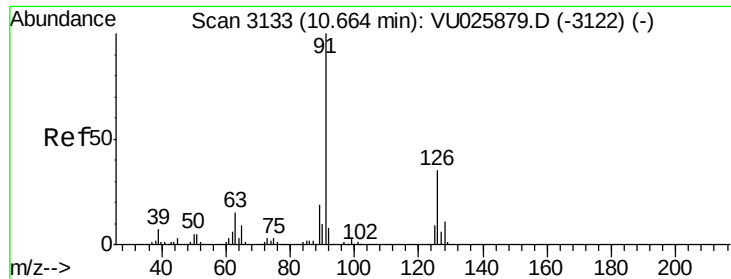
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

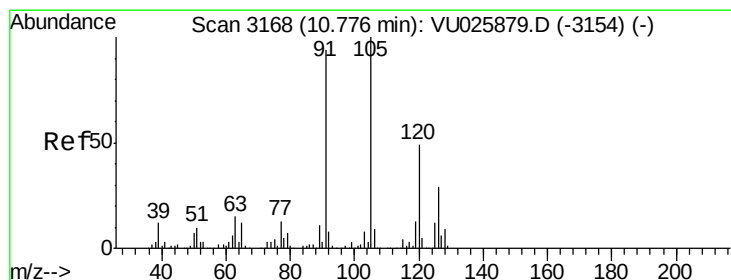
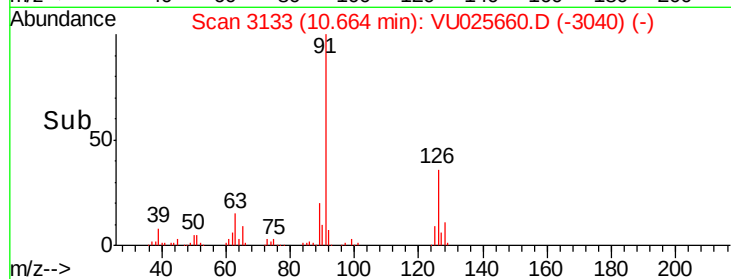
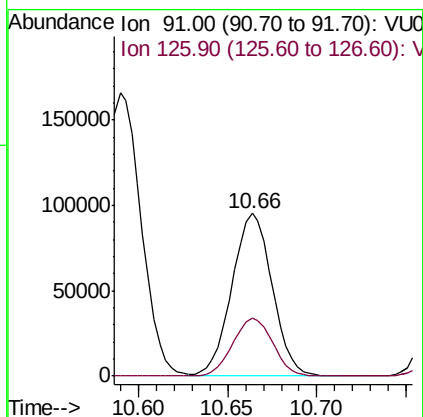
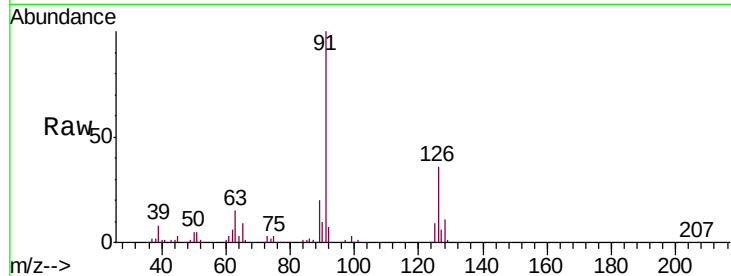




#79
 2-Chlorotoluene
 Concen: 20.713 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

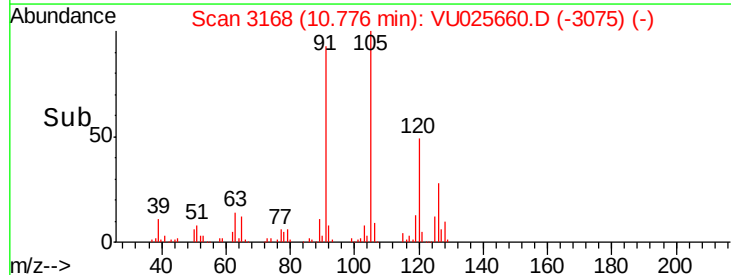
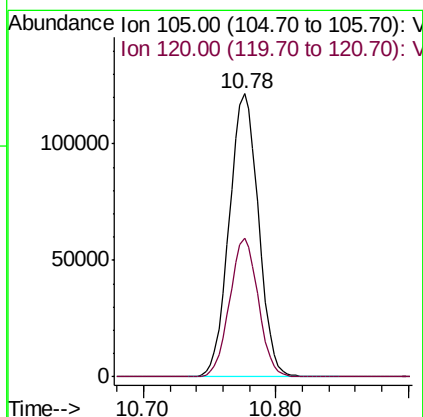
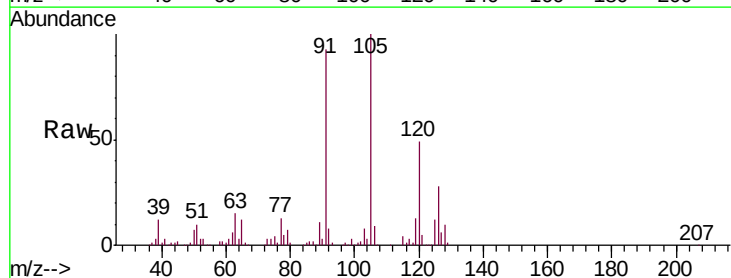
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

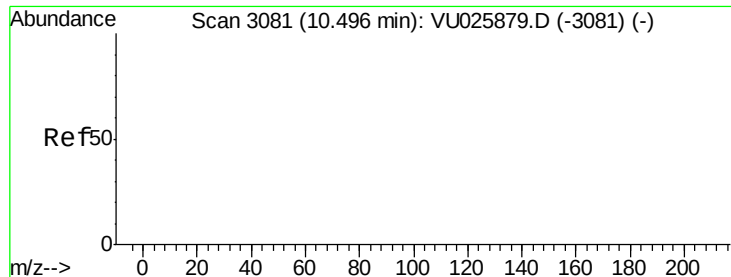
Tgt Ion: 91 Resp: 148396
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.891 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion: 105 Resp: 185931
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.2

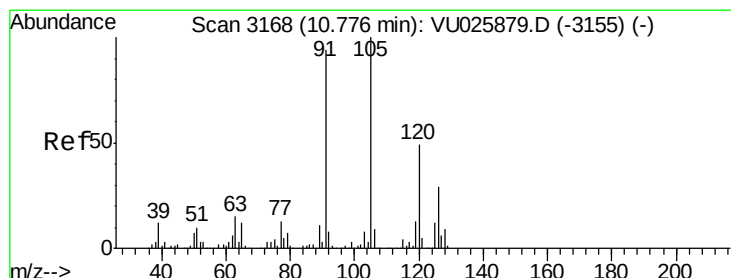
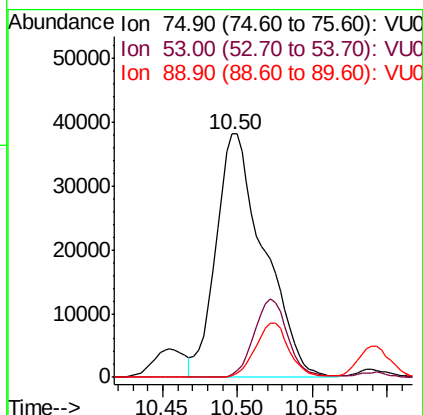
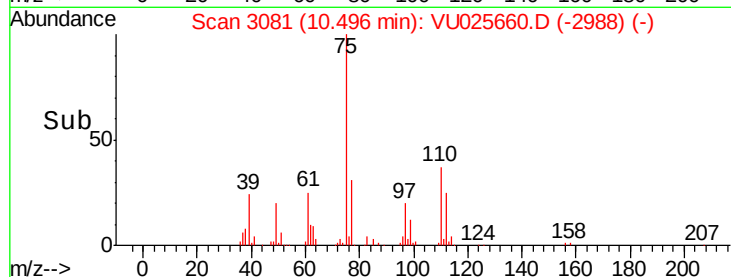
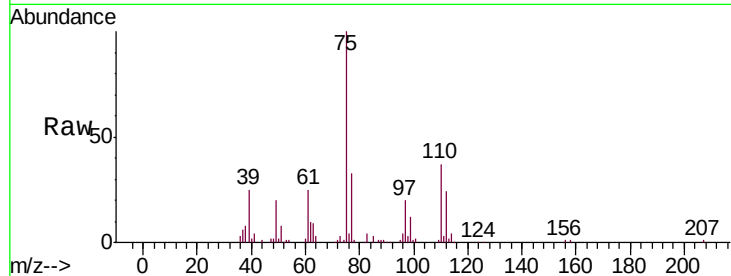




#81
trans-1,4-Dichloro-2-butene
Concen: 63.375 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

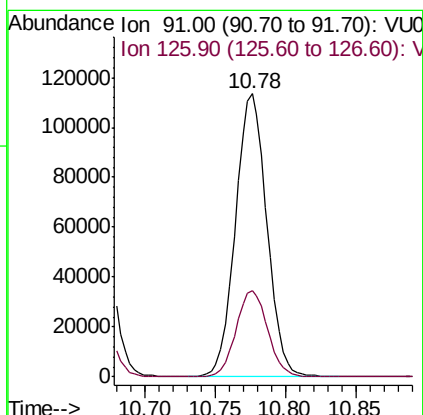
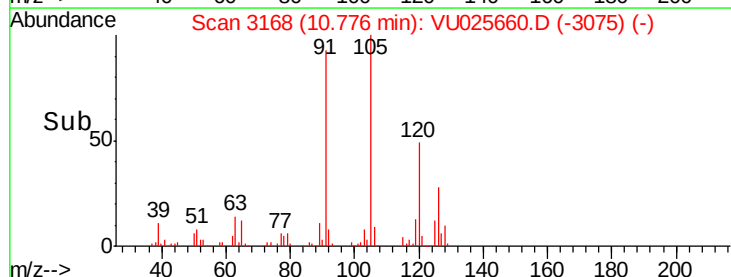
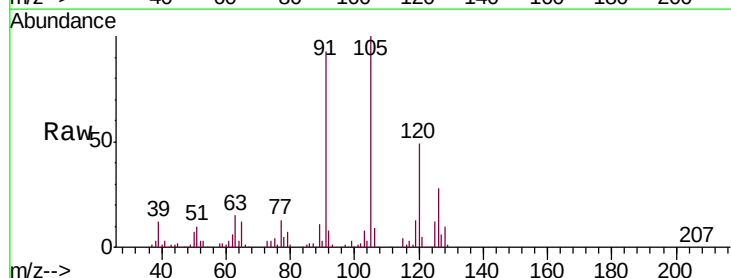
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

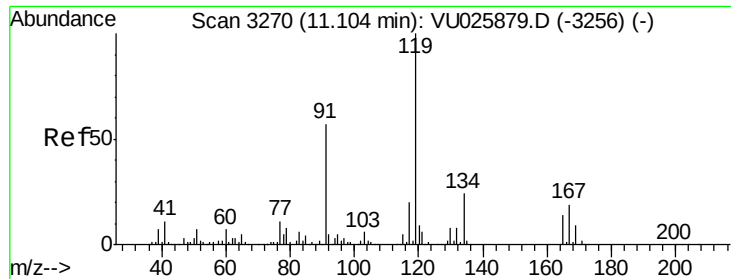
Tgt Ion: 75 Resp: 85504
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.869 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion: 91 Resp: 176237
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.9

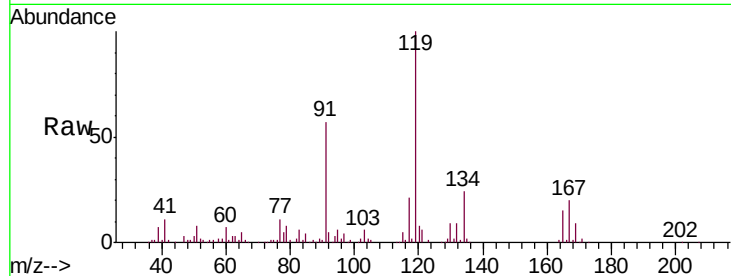




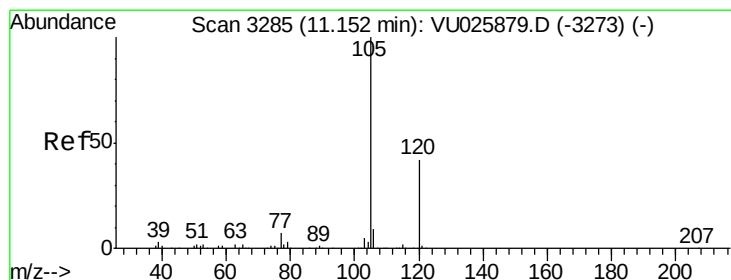
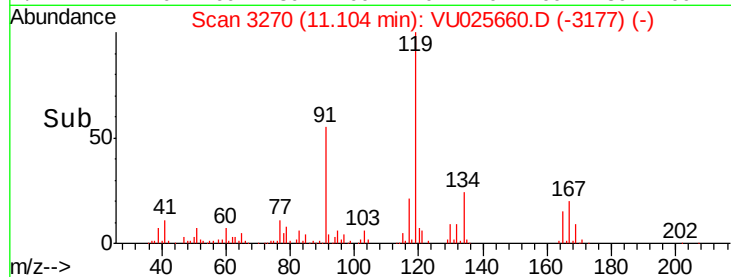
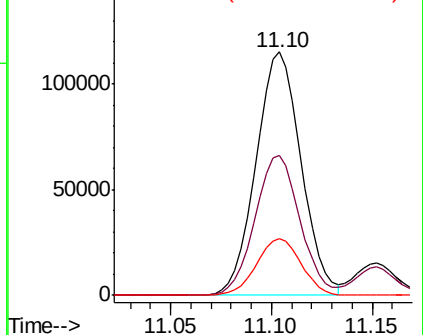
#83
 tert-Butylbenzene
 Concen: 20.330 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 179773
 Ion Ratio Lower Upper
 119 100
 91 57.5 29.7 89.1
 134 23.1 11.5 34.5

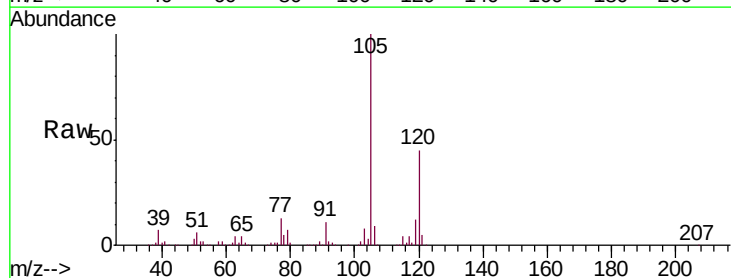


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

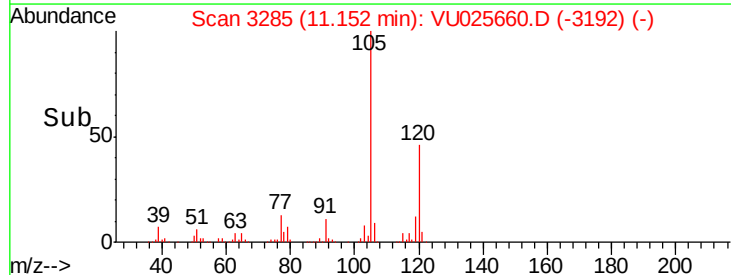
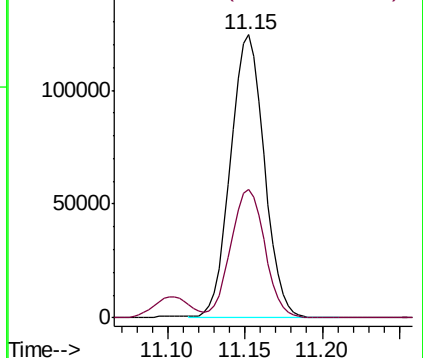


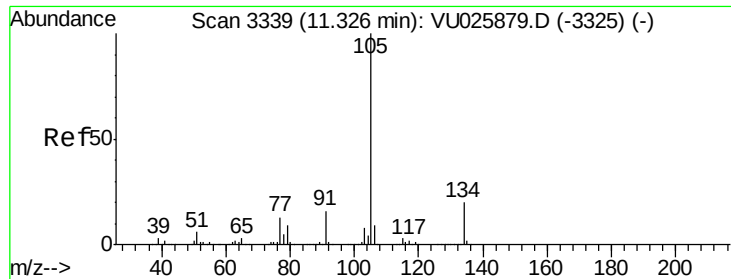
#84
 1,2,4-Trimethylbenzene
 Concen: 20.786 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion:105 Resp: 187472
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8



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

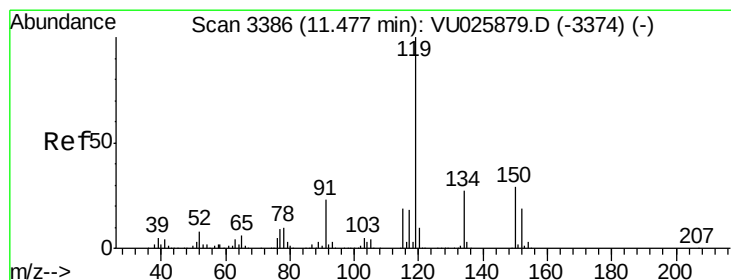
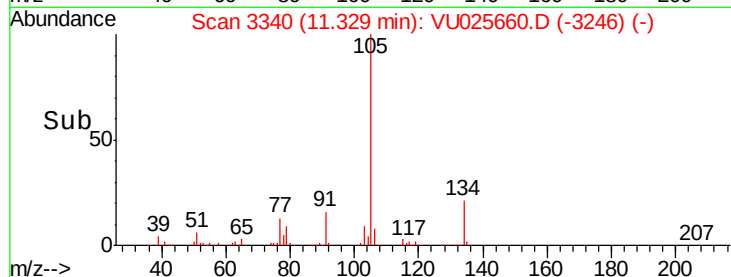
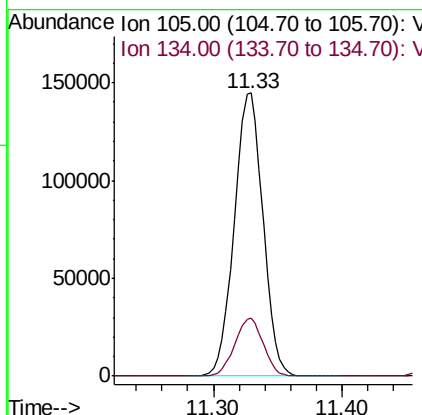
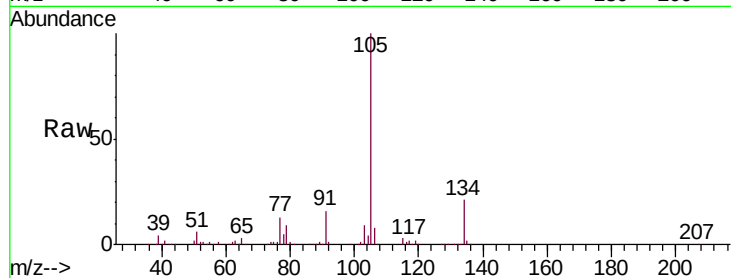




#85
 sec-Butylbenzene
 Concen: 20.703 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

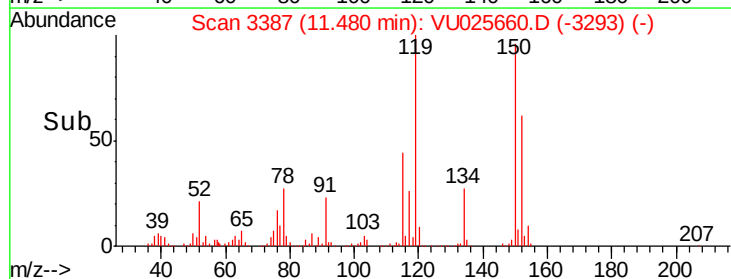
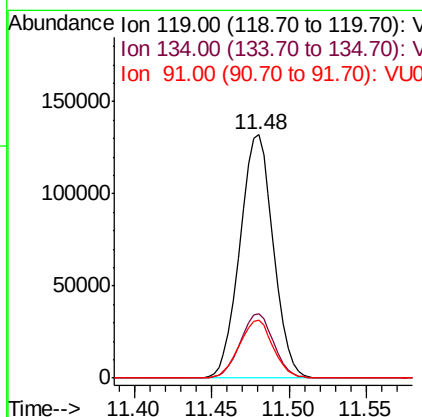
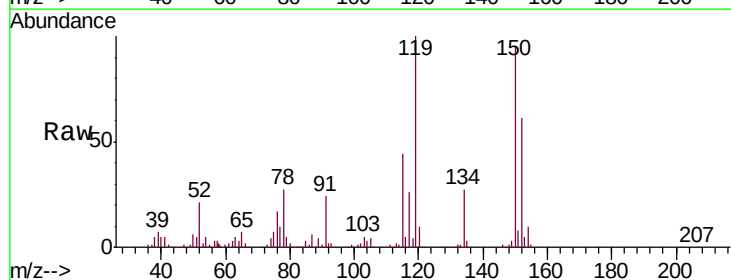
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

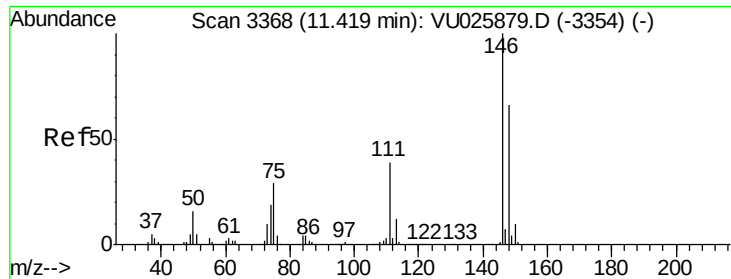
Tgt Ion:105 Resp: 223512
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.472 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion:119 Resp: 197913
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 24.2 12.0 36.1

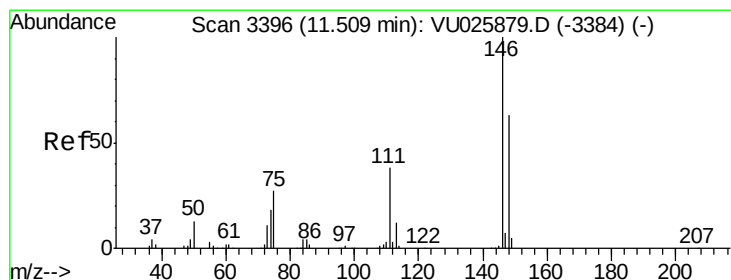
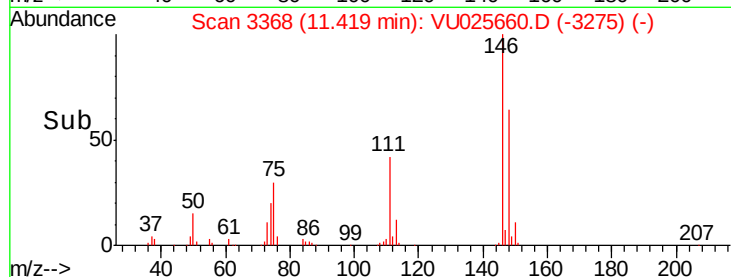
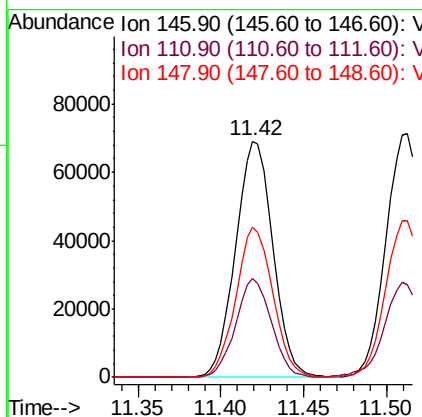
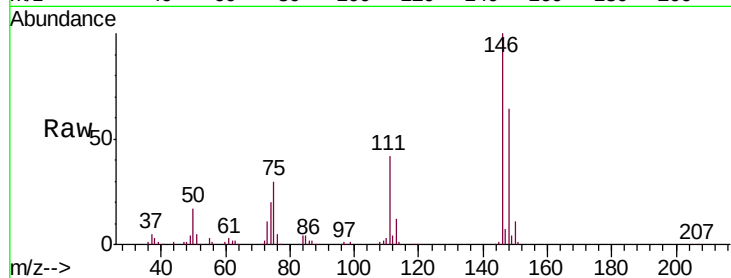




#87
 1,3-Dichlorobenzene
 Concen: 20.214 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

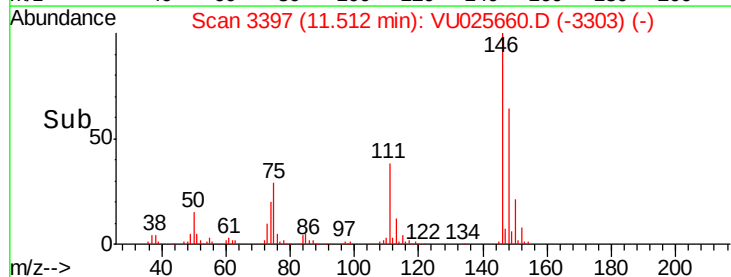
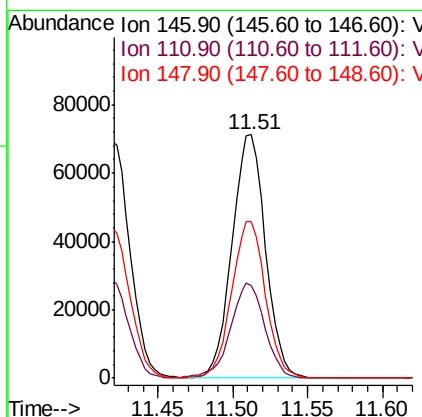
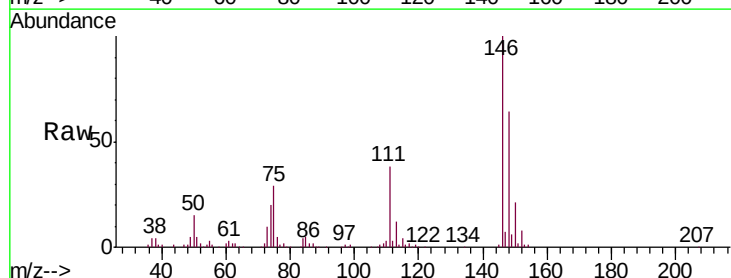
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

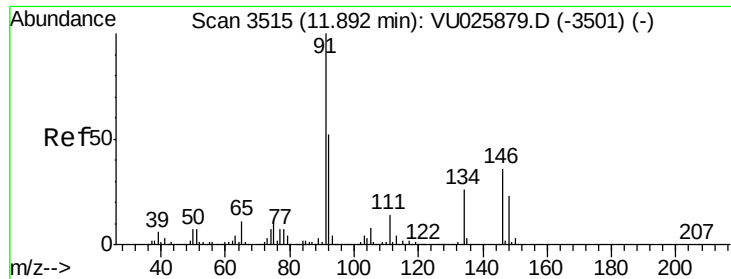
Tgt Ion:146 Resp: 108458
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.7 59.1
 148 62.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.846 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion:146 Resp: 110997
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.1
 148 64.9 31.7 95.1

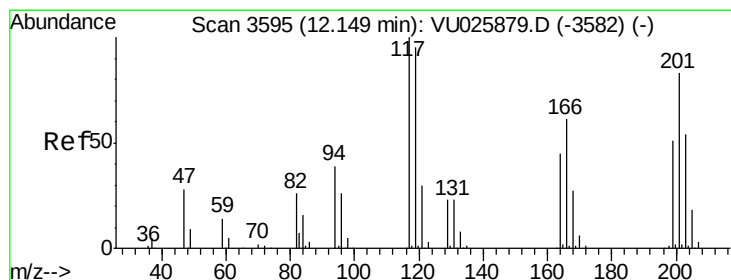
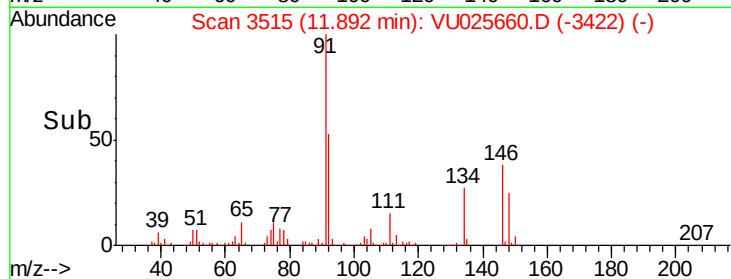
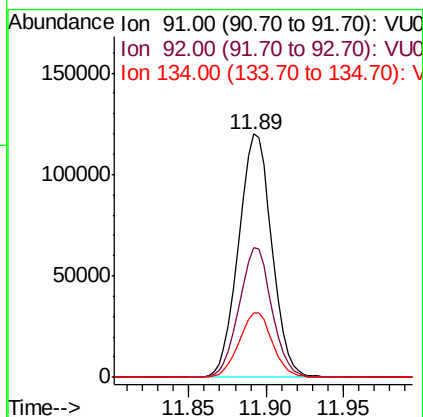
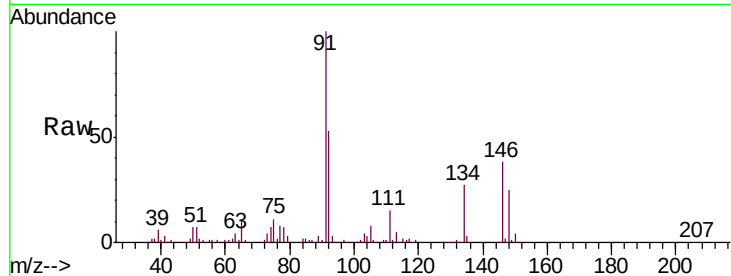




#89
n-Butylbenzene
Concen: 20.112 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

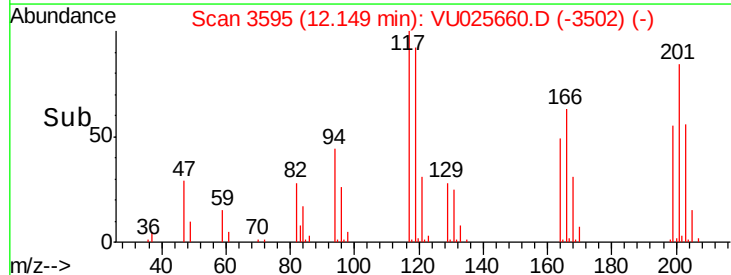
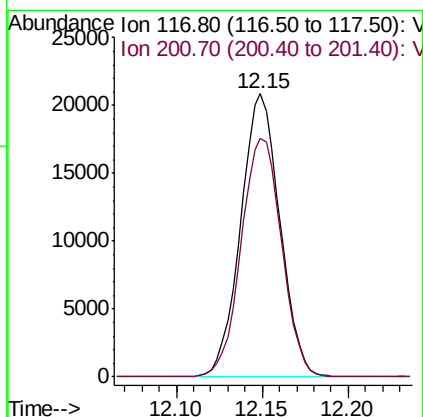
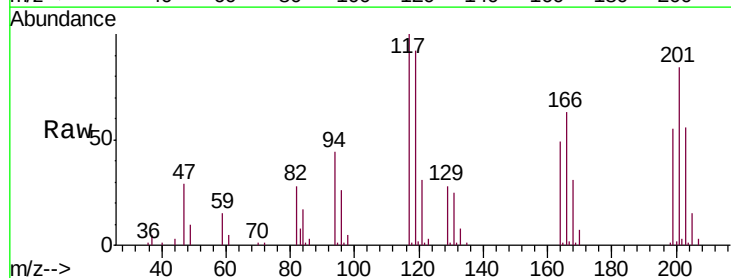
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

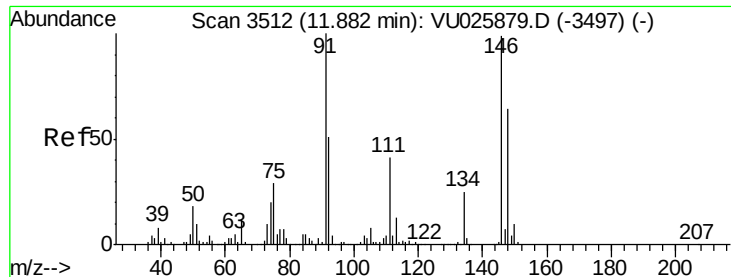
Tgt Ion: 91 Resp: 179416
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 19.226 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025660.D
Acq: 27 Jul 2018 10:41

Tgt Ion: 117 Resp: 33046
Ion Ratio Lower Upper
117 100
201 86.8 42.5 127.6

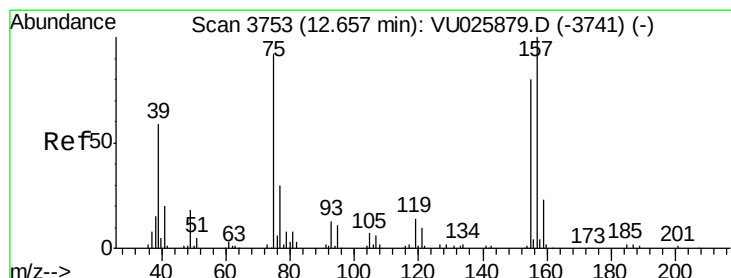
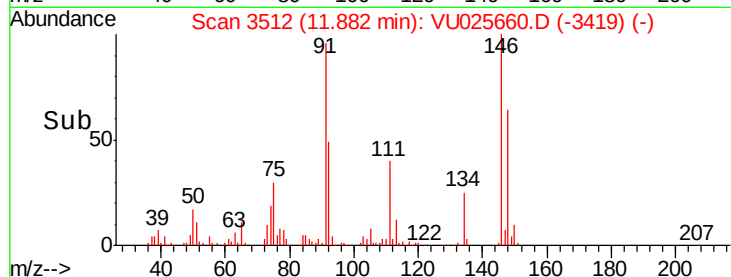
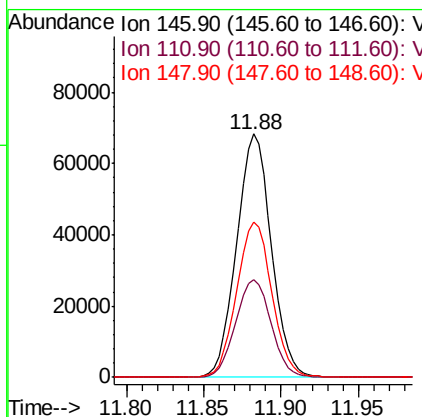
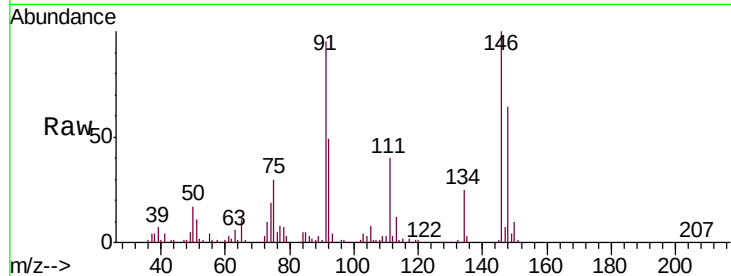




#91
 1,2-Dichlorobenzene
 Concen: 20.271 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

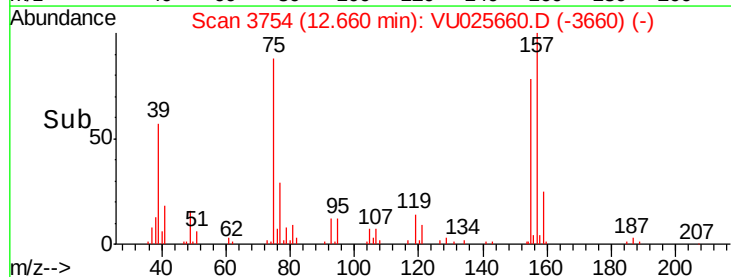
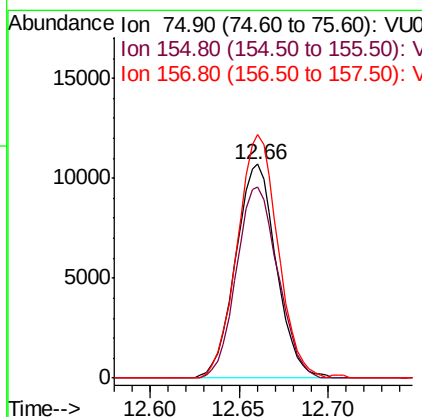
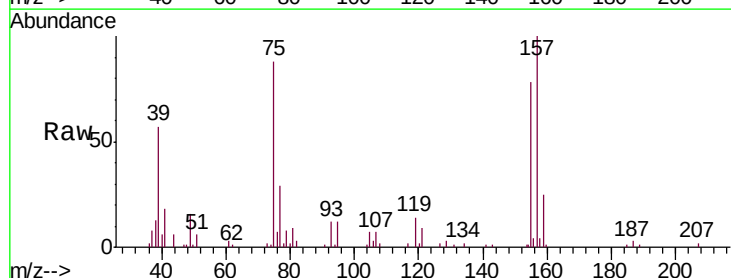
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

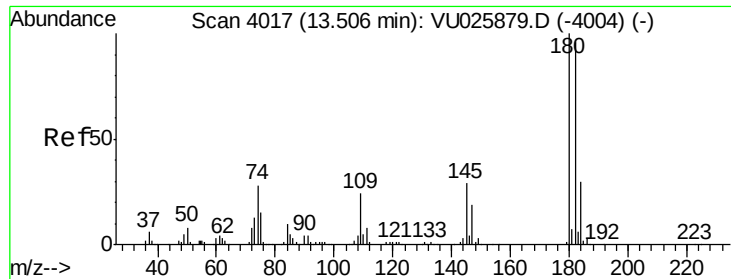
Tgt Ion: 146 Resp: 106608
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.8
 148 64.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.894 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion: 75 Resp: 17092
 Ion Ratio Lower Upper
 75 100
 155 91.0 44.5 133.3
 157 113.6 57.0 170.8

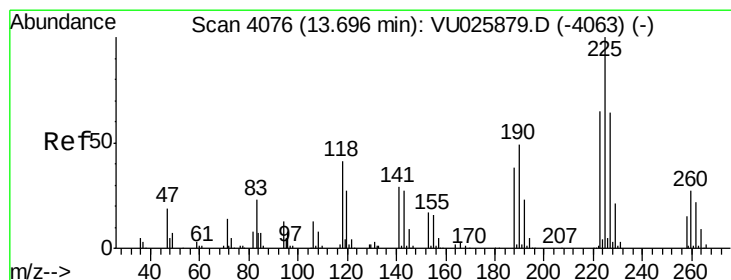
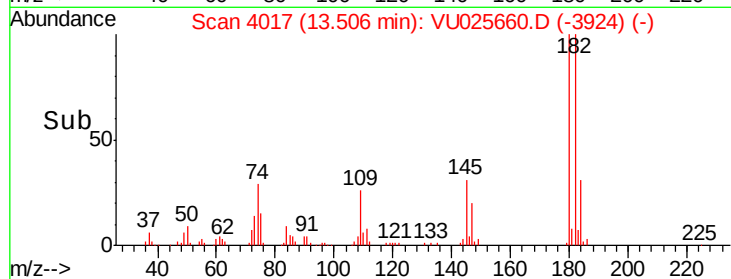
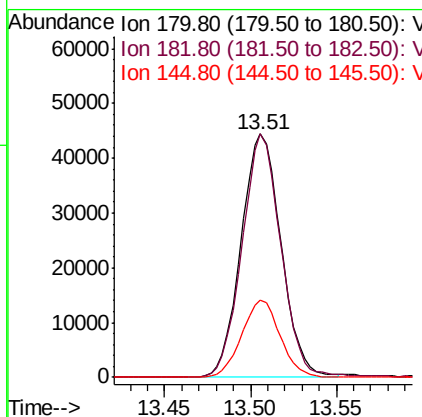
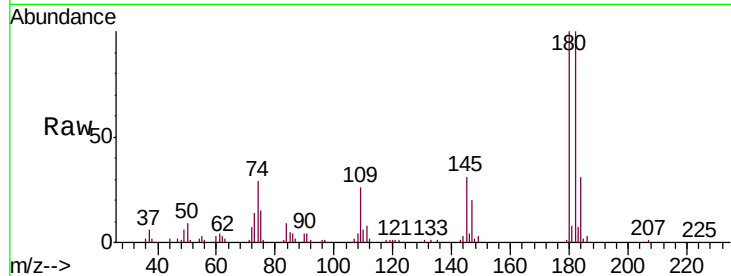




#93
 1,2,4-Trichlorobenzene
 Concen: 20.190 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 71665
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.3 141.9
 145 30.5 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 19.748 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025660.D
 Acq: 27 Jul 2018 10:41

Tgt Ion:225 Resp: 36949
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.7
 227 67.1 32.3 96.9

