

Data File : VU025662.D
Acq On : 27 Jul 2018 11:28
Operator : MD/SY
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Quant Time: Aug 07 05:45:42 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	177265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	260444	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	257199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167660	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	262971	95.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.42%	
35) Dibromofluoromethane	4.89	113	220893	97.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.04%	
50) Toluene-d8	7.57	98	791923	99.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.80%	
62) 4-Bromofluorobenzene	10.31	95	316034	102.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.44%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	280267	104.608	ug/l	100
3) Chloromethane	1.33	50	248295	96.961	ug/l	100
4) Vinyl Chloride	1.40	62	237565	98.579	ug/l	98
5) Bromomethane	1.61	94	103036	87.539	ug/l	99
6) Chloroethane	1.68	64	135538	96.185	ug/l	99
7) Trichlorofluoromethane	1.88	101	338125	97.043	ug/l	100
8) Diethyl Ether	2.10	74	118416	93.929	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	193271	95.850	ug/l	99
10) Methyl Iodide	2.41	142	200106	96.704	ug/l	100
11) Tert butyl alcohol	2.83	59	289776	479.204	ug/l	99
12) 1,1-Dichloroethene	2.28	96	182651	95.964	ug/l	96
13) Acrolein	2.19	56	104088	477.145	ug/l	100
14) Allyl chloride	2.59	41	360418	105.373	ug/l	90
15) Acrylonitrile	2.94	53	610720	505.839	ug/l	100
16) Acetone	2.32	43	593080	440.434	ug/l	97
17) Carbon Disulfide	2.47	76	596256	96.797	ug/l	100
18) Methyl Acetate	2.62	43	334629	103.247	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	680679	98.688	ug/l	98
20) Methylene Chloride	2.70	84	221352	92.753	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	211596	96.171	ug/l	99
22) Diisopropyl ether	3.57	45	660112	97.937	ug/l	94
23) Vinyl Acetate	3.53	43	2913069	495.930	ug/l	100
24) 1,1-Dichloroethane	3.45	63	390743	96.574	ug/l	99
25) 2-Butanone	4.27	43	892950	487.134	ug/l	100
26) 2,2-Dichloropropane	4.23	77	345944	94.069	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	237904	95.906	ug/l	99
28) Bromochloromethane	4.55	49	169616	93.761	ug/l	99
29) Tetrahydrofuran	4.64	42	549463	500.325	ug/l	99
30) Chloroform	4.68	83	408100	95.557	ug/l	99
31) Cyclohexane	5.00	56	341896	98.455	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	375431	97.640	ug/l	98
36) 1,1-Dichloropropene	5.14	75	305908	100.505	ug/l	99
37) Ethyl Acetate	4.38	43	318828	101.022	ug/l	98
38) Carbon Tetrachloride	5.14	117	341668	99.107	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	352885	101.188	ug/l	98
40) Benzene	5.39	78	865859	97.321	ug/l	98
41) Methacrylonitrile	4.54	41	177494	101.256	ug/l	98
42) 1,2-Dichloroethane	5.41	62	331135	96.659	ug/l	99
43) Isopropyl Acetate	5.55	43	522001	100.091	ug/l	99
44) Trichloroethene	6.19	130	241123	97.318	ug/l	98
45) 1,2-Dichloropropane	6.44	63	227719	98.141	ug/l	100
46) Dibromomethane	6.56	93	166039	98.757	ug/l	99
47) Bromodichloromethane	6.76	83	319786	99.713	ug/l	97
48) Methyl methacrylate	6.63	41	270414	105.793	ug/l	97
49) 1,4-Dioxane	6.62	88	124954	2008.864	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1695074	519.151	ug/l	100
52) Toluene	7.64	92	557713	100.902	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	373008	103.586	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	380731	102.929	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	230263	100.245	ug/l	98
56) Ethyl methacrylate	8.02	69	351430	107.080	ug/l	96
57) 1,3-Dichloropropane	8.25	76	384182	99.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	747305	495.680	ug/l	99
59) 2-Hexanone	8.36	43	1362944	532.518	ug/l	98
60) Dibromochloromethane	8.48	129	275138	101.574	ug/l	100
61) 1,2-Dibromoethane	8.59	107	258995	101.385	ug/l	99
64) Tetrachloroethene	8.23	164	218610	96.565	ug/l	98
65) Chlorobenzene	9.12	112	647837	97.696	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	242284	101.000	ug/l	99
67) Ethyl Benzene	9.25	91	1103038	100.420	ug/l	99
68) m/p-Xylenes	9.38	106	875274	207.556	ug/l	98
69) o-Xylene	9.78	106	420004	101.907	ug/l	99
70) Styrene	9.80	104	701705	105.405	ug/l	98
71) Bromoform	9.96	173	224051	107.715	ug/l #	100
73) Isopropylbenzene	10.17	105	1141659	99.768	ug/l	100
74) N-amyl acetate	10.01	43	496124	106.201	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	388719	98.231	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	470620	127.398	ug/l	83
77) Bromobenzene	10.45	156	309434	98.036	ug/l	98
78) n-propylbenzene	10.59	91	1350272	101.098	ug/l	99
79) 2-Chlorotoluene	10.66	91	783290	100.127	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	989590	101.827	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	470620	319.450	ug/l #	100
82) 4-Chlorotoluene	10.78	91	942176	102.172	ug/l	99
83) tert-Butylbenzene	11.10	119	982868	101.790	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	1017780	103.347	ug/l	98
85) sec-Butylbenzene	11.33	105	1204869	102.203	ug/l	100
86) p-Isopropyltoluene	11.48	119	1093772	103.614	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	578637	98.766	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	587726	96.236	ug/l	99
89) n-Butylbenzene	11.89	91	1010509	103.735	ug/l	100
90) Hexachloroethane	12.15	117	193024	102.845	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	570991	99.430	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	98381	104.868	ug/l	97

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

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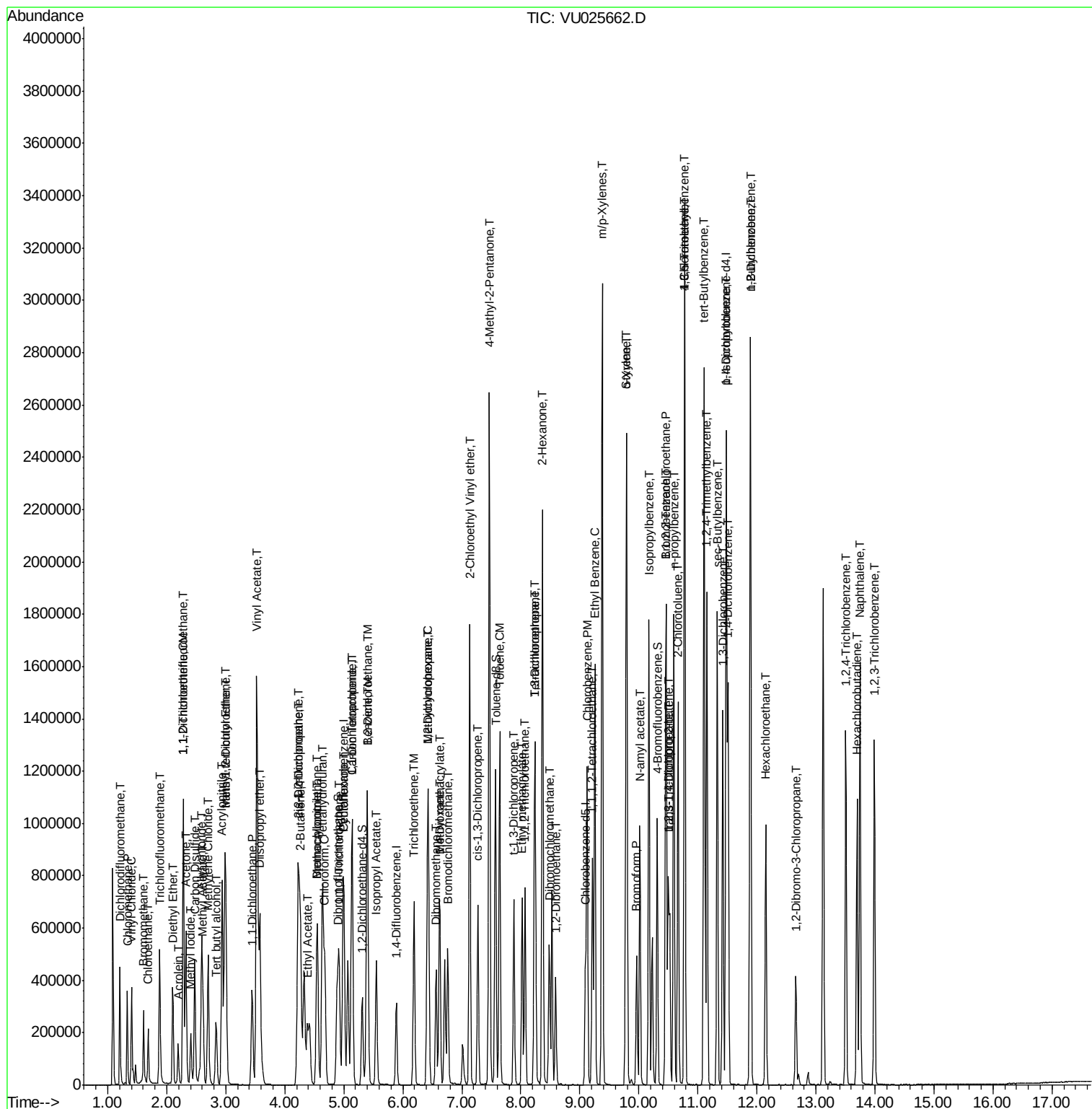
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	420663	108.535	ug/l	99
94) Hexachlorobutadiene	13.70	225	200038	97.910	ug/l	99
95) Naphthalene	13.74	128	1272877	100.937	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	414114	107.108	ug/l	99

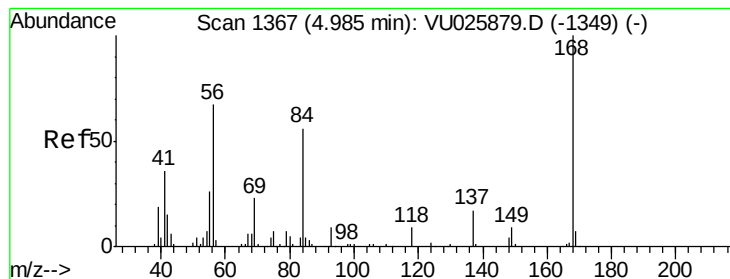
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

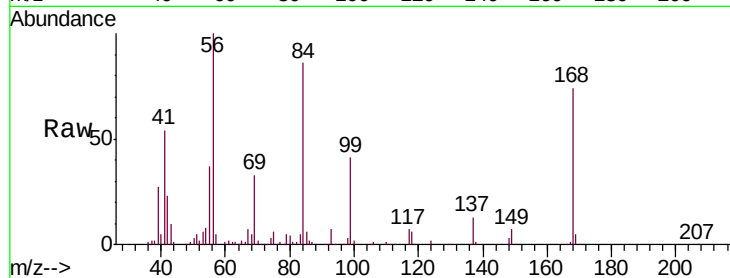
VSTDIC100

Tgt Ion:168 Resp: 177265

Ion Ratio Lower Upper

168 100

99 55.5 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) (-)

120000

100000

80000

60000

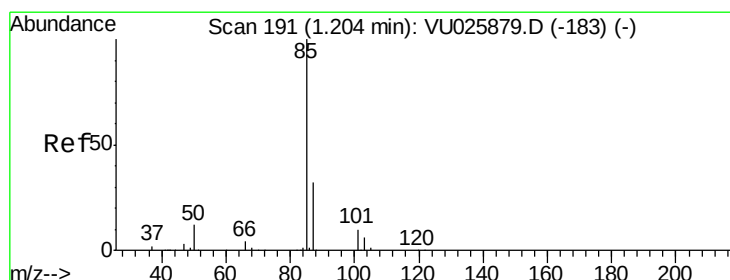
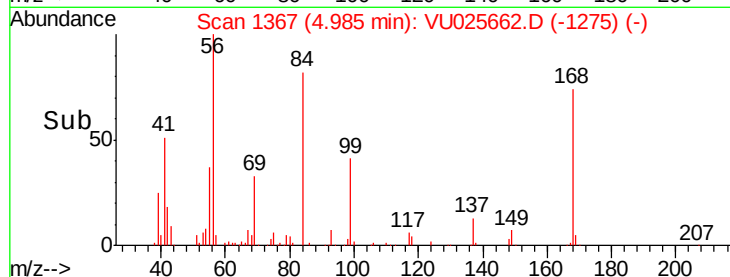
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 104.608 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025662.D

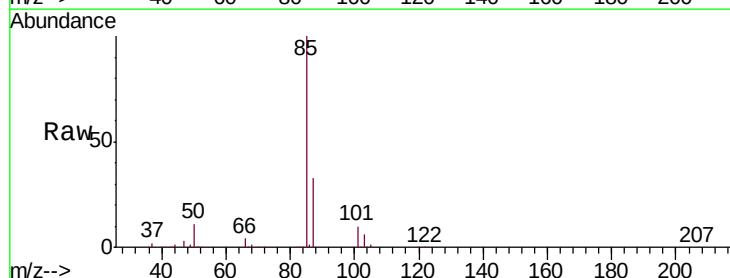
Acq: 27 Jul 2018 11:28

Tgt Ion: 85 Resp: 280267

Ion Ratio Lower Upper

85 100

87 32.8 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) (-)

300000

250000

200000

150000

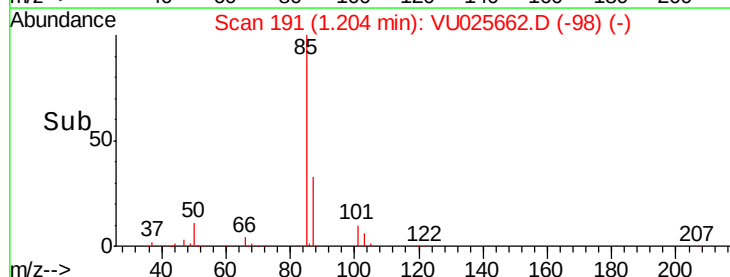
100000

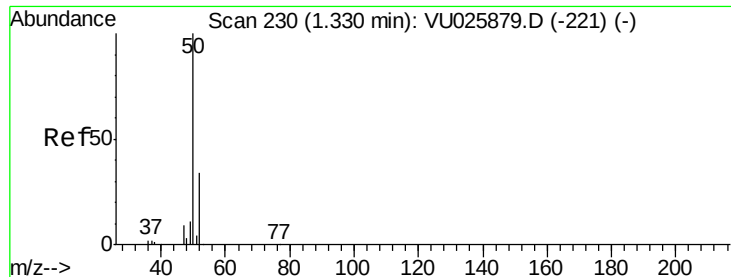
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 96.961 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

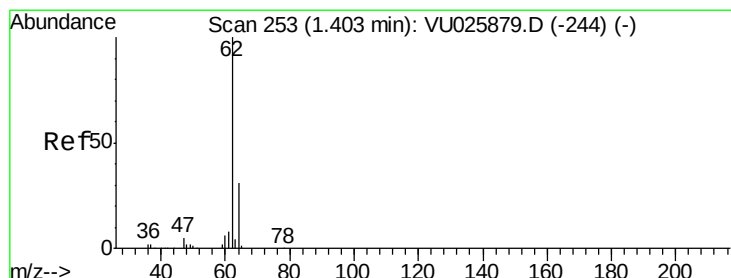
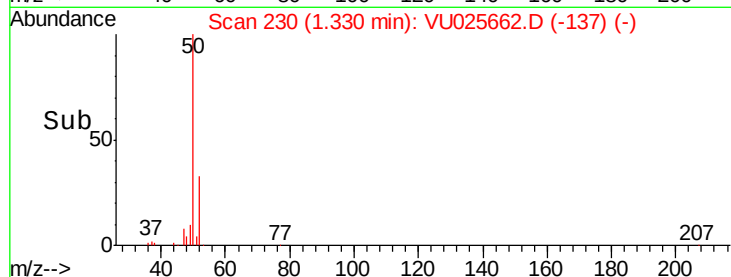
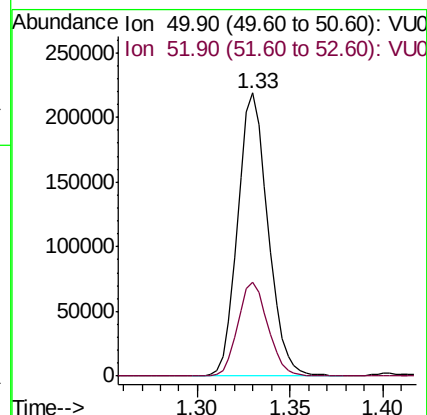
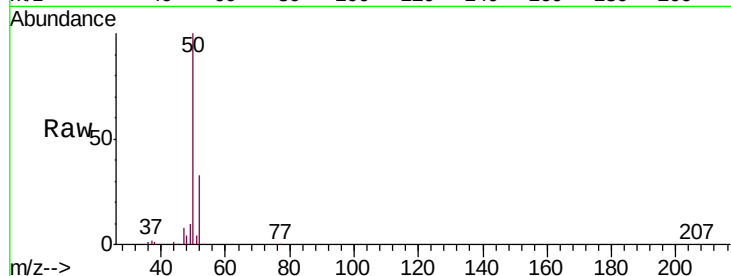
VSTDIC100

Tgt Ion: 50 Resp: 248295

Ion Ratio Lower Upper

50 100

52 33.4 26.5 39.7



#4

Vinyl Chloride

Concen: 98.579 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025662.D

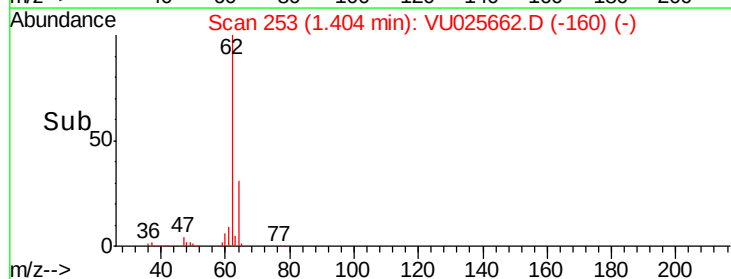
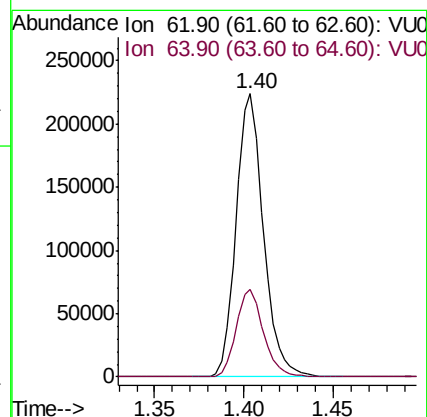
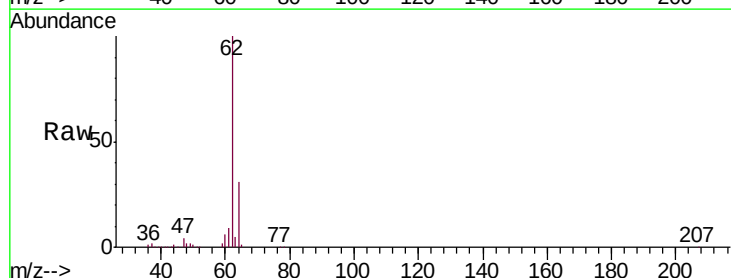
Acq: 27 Jul 2018 11:28

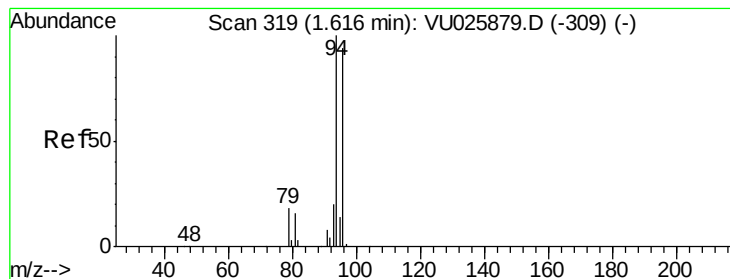
Tgt Ion: 62 Resp: 237565

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0





#5

Bromomethane

Concen: 87.539 ug/l

RT: 1.61 min Scan# 316

Delta R.T. -0.01 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

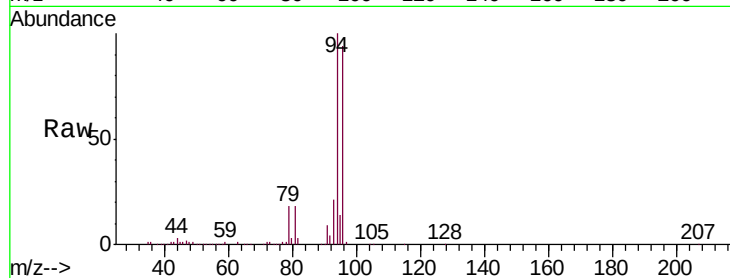
VSTDIC100

Tgt Ion: 94 Resp: 103036

Ion Ratio Lower Upper

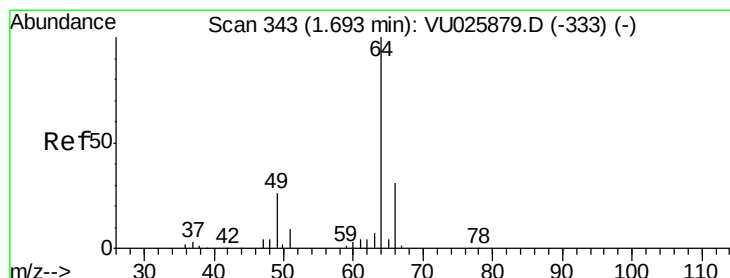
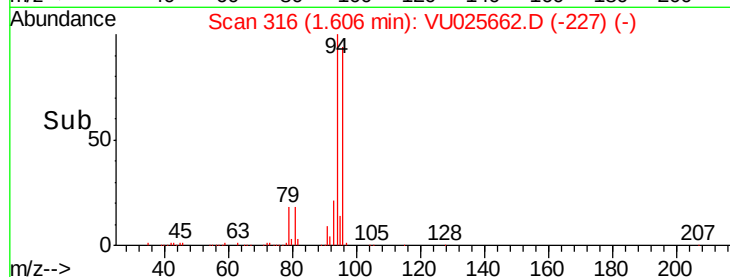
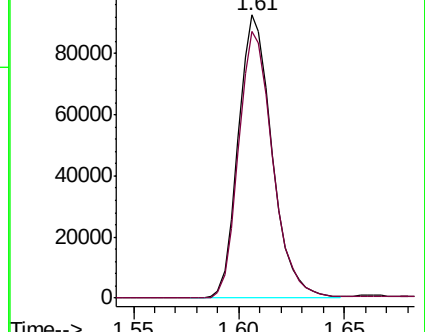
94 100

96 94.3 75.0 112.4



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

Ion 95.90 (95.60 to 96.60): VU025879.D (-309) (-)



#6

Chloroethane

Concen: 96.185 ug/l

RT: 1.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU025662.D

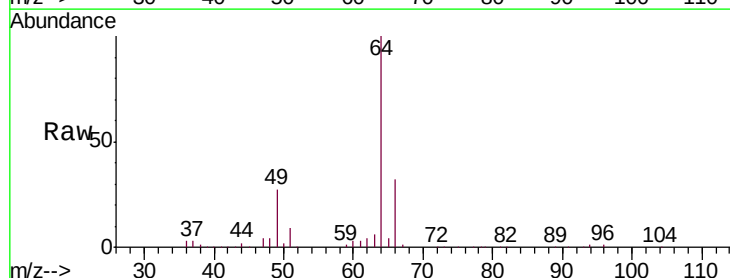
Acq: 27 Jul 2018 11:28

Tgt Ion: 64 Resp: 135538

Ion Ratio Lower Upper

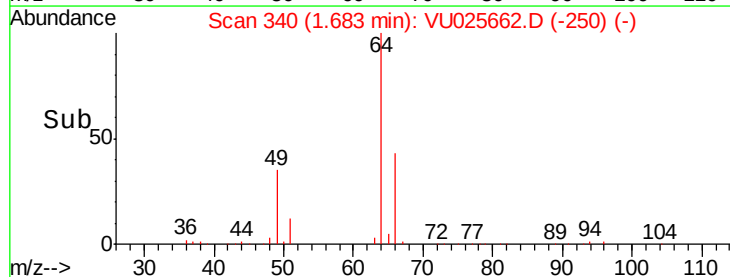
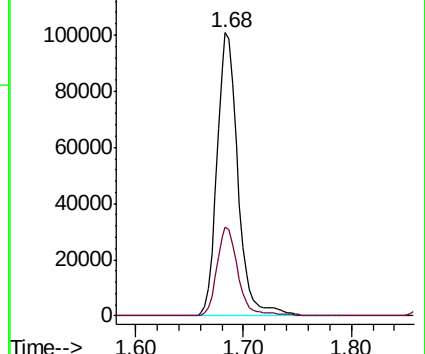
64 100

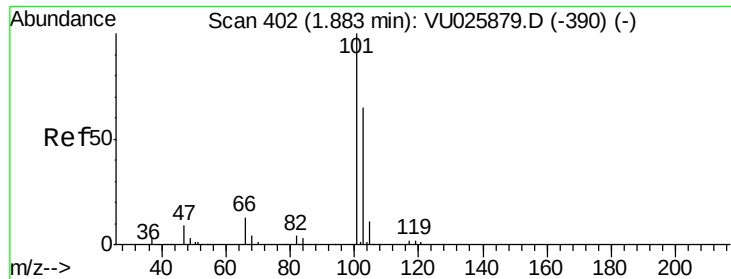
66 31.5 25.0 37.4



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

Ion 65.90 (65.60 to 66.60): VU025879.D (-333) (-)



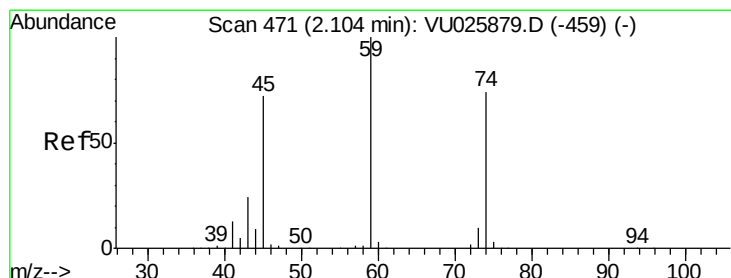
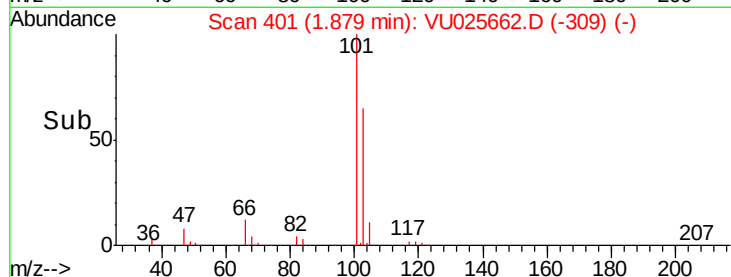
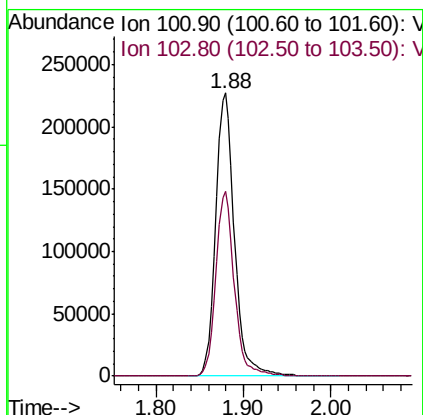
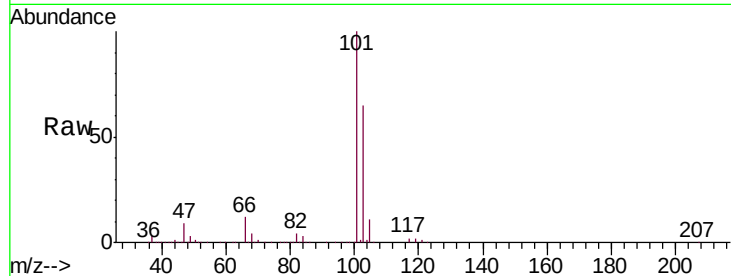


#7

Trichlorofluoromethane
Concen: 97.043 ug/l
RT: 1.88 min Scan# 401
Delta R.T. -0.00 min
Lab File: VU025662.D
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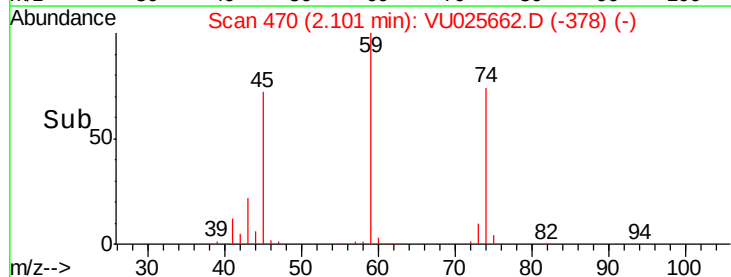
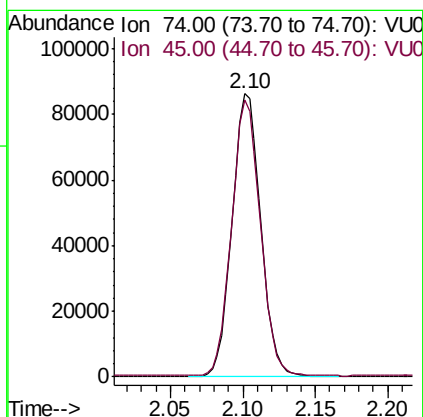
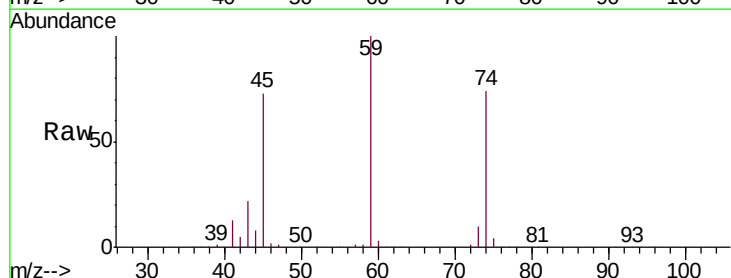
Tgt Ion:101 Resp: 338125
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.2

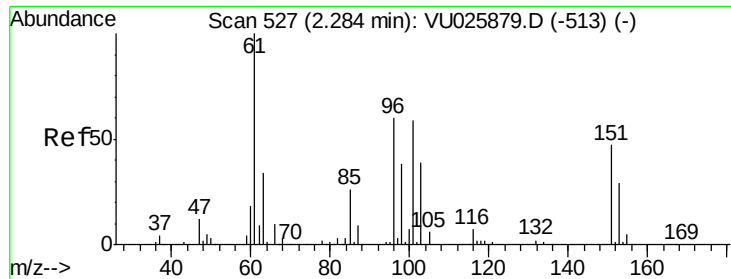


#8

Diethyl Ether
Concen: 93.929 ug/l
RT: 2.10 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 74 Resp: 118416
Ion Ratio Lower Upper
74 100
45 97.1 48.3 144.9

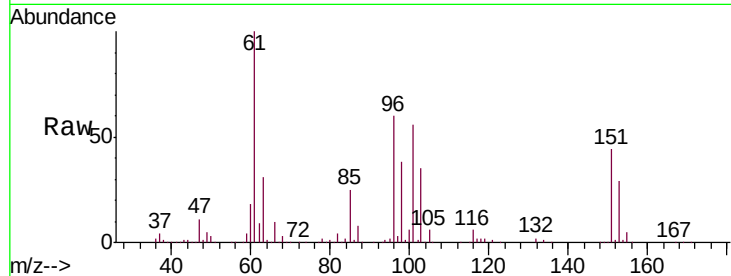




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 95.850 ug/l
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU025662.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.5	36.0	54.0
151	81.3	65.6	98.4

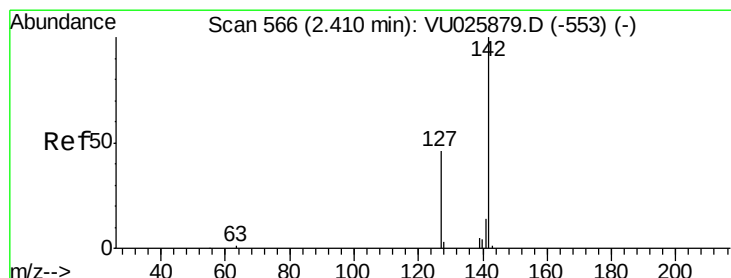
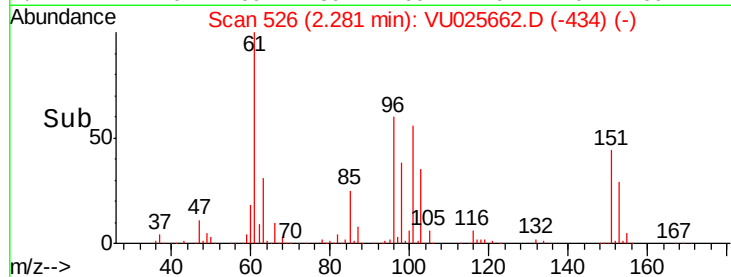
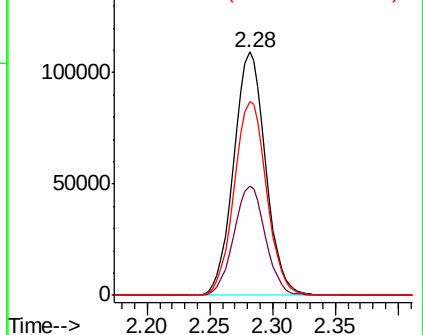


Abundance

Ion 100.90 (100.60 to 101.60): V

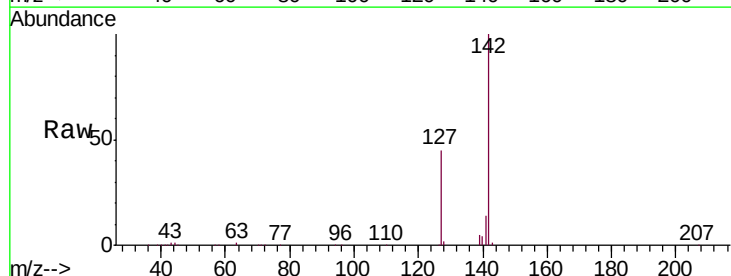
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 96.704 ug/l
 RT: 2.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.5	36.5	54.7
141	14.4	11.4	17.2

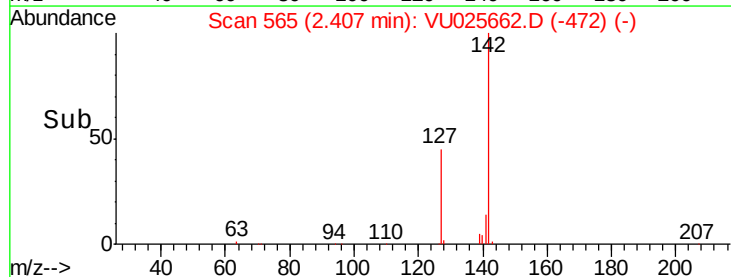
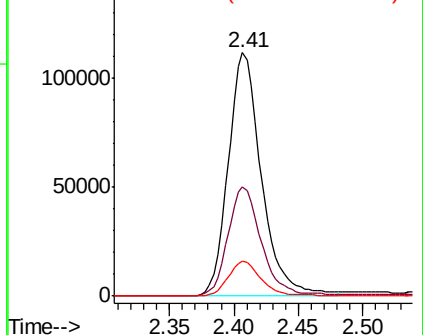


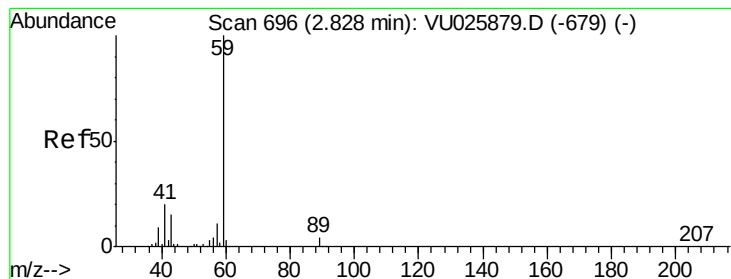
Abundance

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



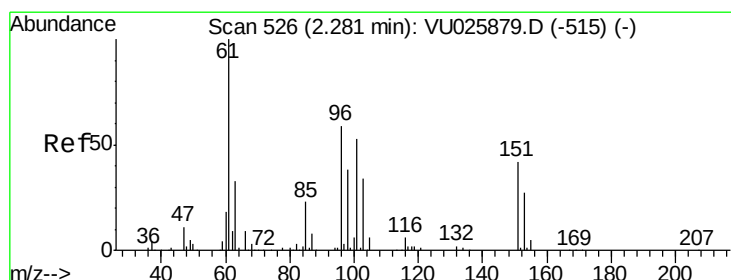
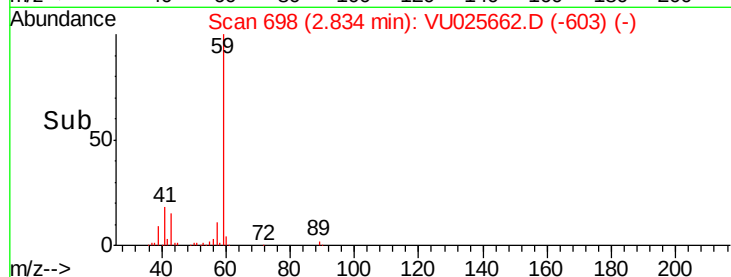
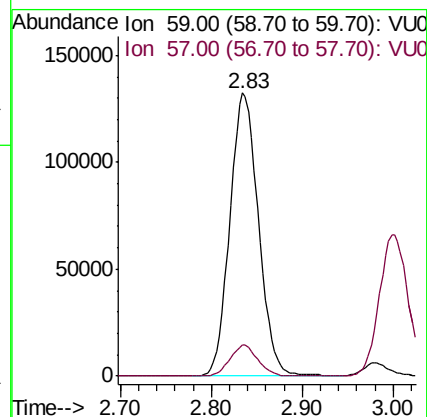
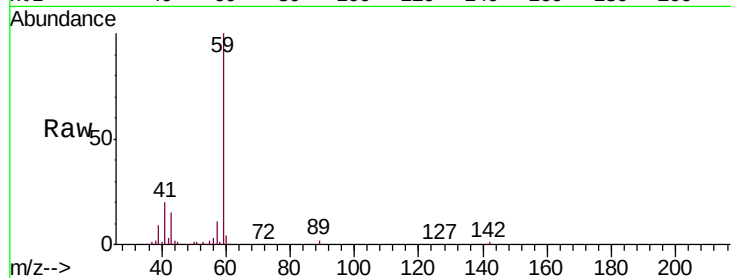


#11

Tert butyl alcohol
 Concen: 479.204 ug/l
 RT: 2.83 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

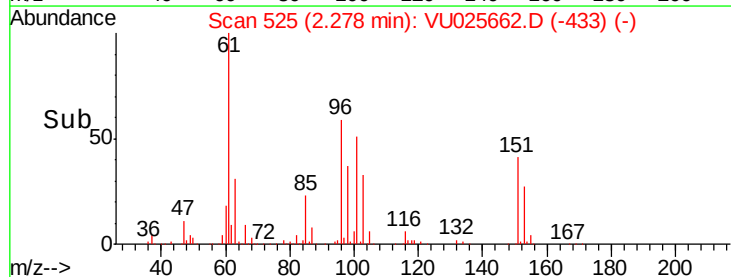
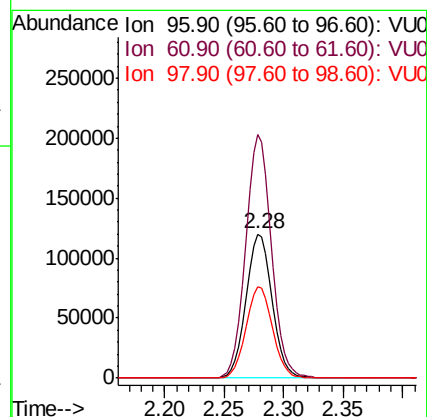
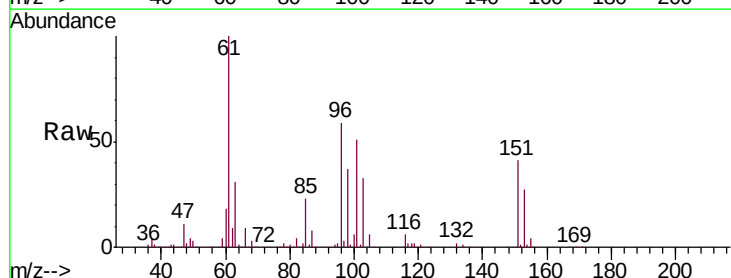
Tgt Ion: 59 Resp: 289776
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

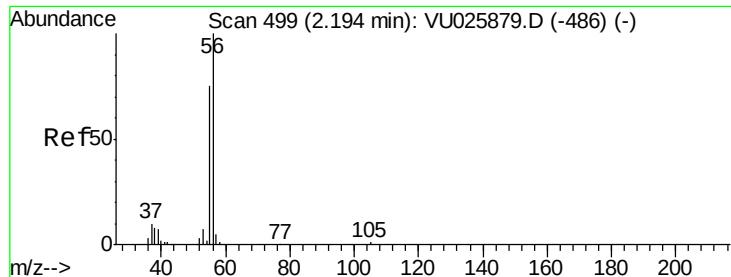


#12

1,1-Dichloroethene
 Concen: 95.964 ug/l
 RT: 2.28 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion: 96 Resp: 182651
 Ion Ratio Lower Upper
 96 100
 61 168.7 140.2 210.4
 98 63.2 49.3 73.9

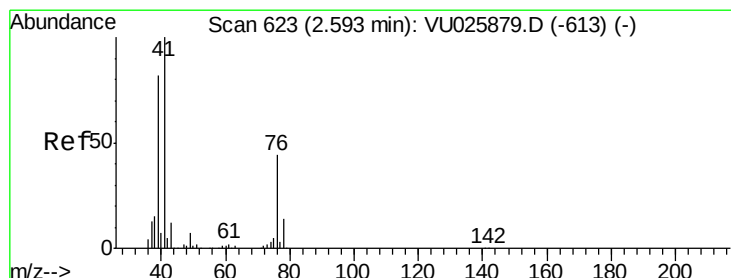
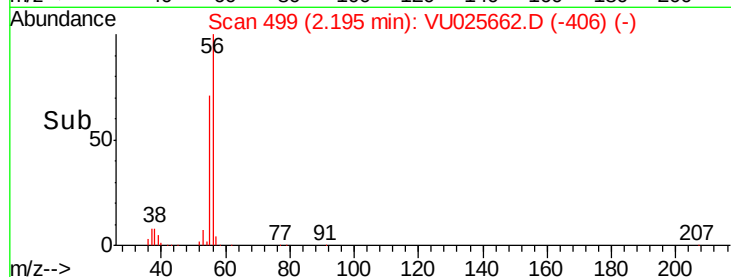
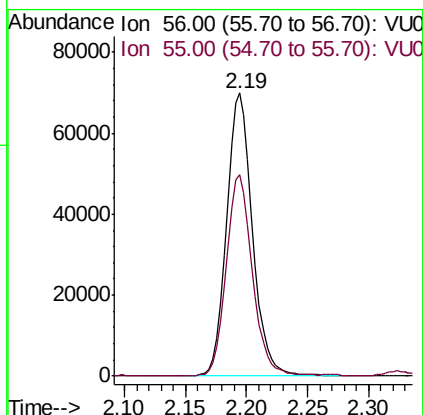
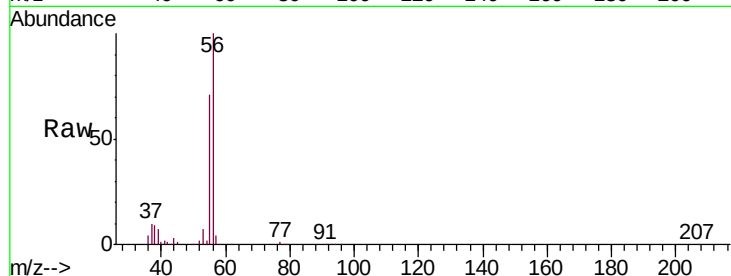




#13
Acrolein
Concen: 477.145 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

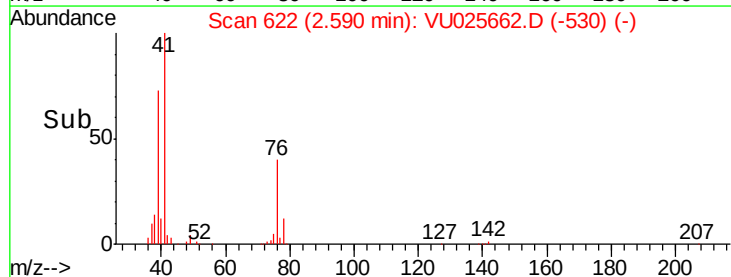
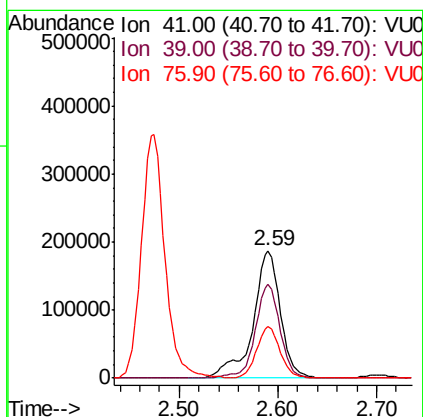
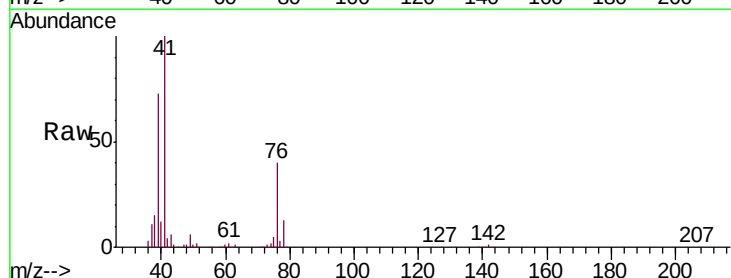
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

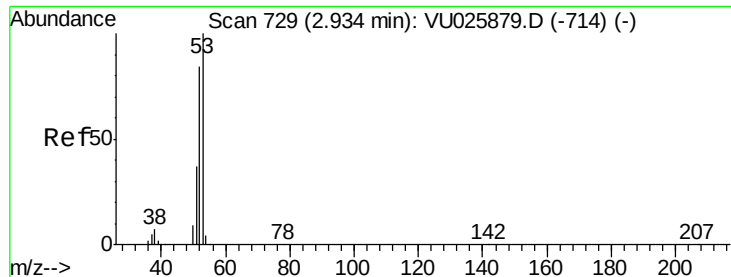
Tgt Ion: 56 Resp: 104088
Ion Ratio Lower Upper
56 100
55 71.5 57.2 85.8



#14
Allyl chloride
Concen: 105.373 ug/l
RT: 2.59 min Scan# 622
Delta R.T. -0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 41 Resp: 360418
Ion Ratio Lower Upper
41 100
39 65.7 60.6 91.0
76 34.3 30.5 45.7





#15

Acrylonitrile

Concen: 505.839 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

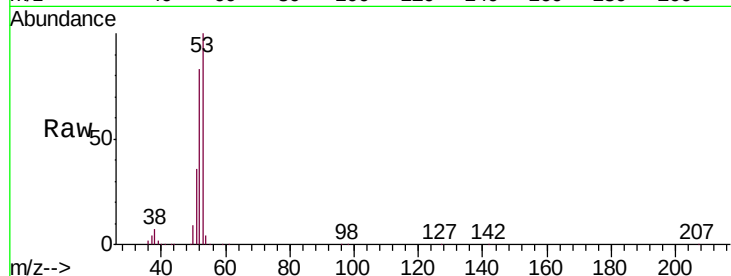
Tgt Ion: 53 Resp: 610720

Ion Ratio Lower Upper

53 100

52 82.9 66.6 99.8

51 36.5 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU025879.D (-714) (-)

Ion 52.00 (51.70 to 52.70): VU025879.D (-714) (-)

Ion 51.00 (50.70 to 51.70): VU025879.D (-714) (-)

2.94

300000

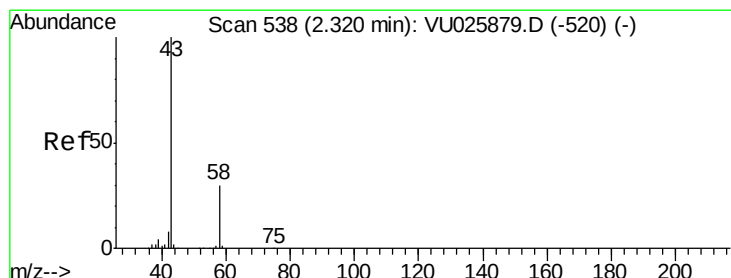
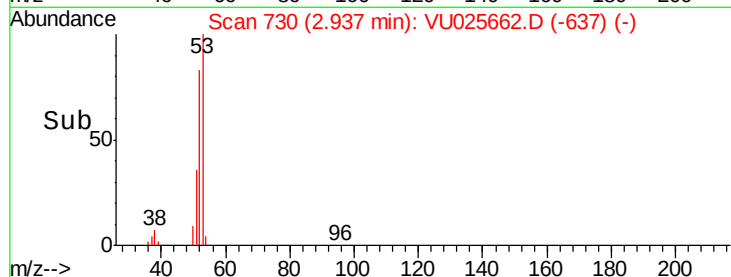
200000

100000

0

2.90 3.00 3.10

Time-->



#16

Acetone

Concen: 440.434 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025662.D

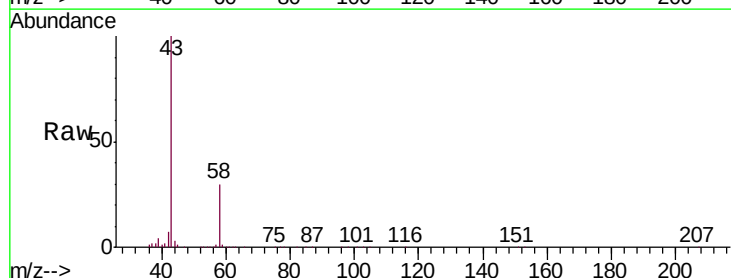
Acq: 27 Jul 2018 11:28

Tgt Ion: 43 Resp: 593080

Ion Ratio Lower Upper

43 100

58 30.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-520) (-)

Ion 58.00 (57.70 to 58.70): VU025879.D (-520) (-)

2.32

400000

300000

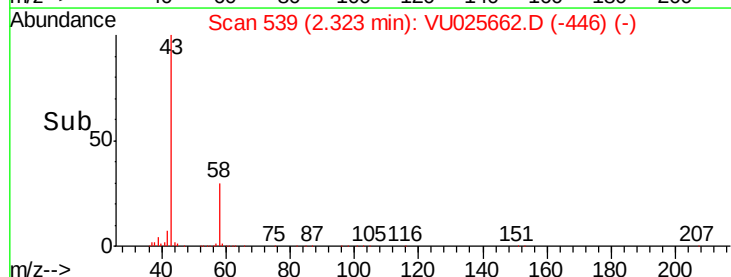
200000

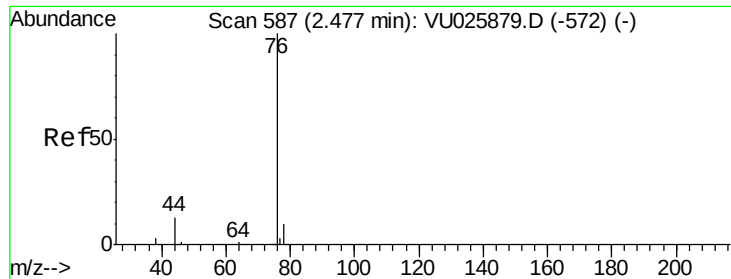
100000

0

2.20 2.30 2.40 2.50

Time-->





#17

Carbon Disulfide

Concen: 96.797 ug/l

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

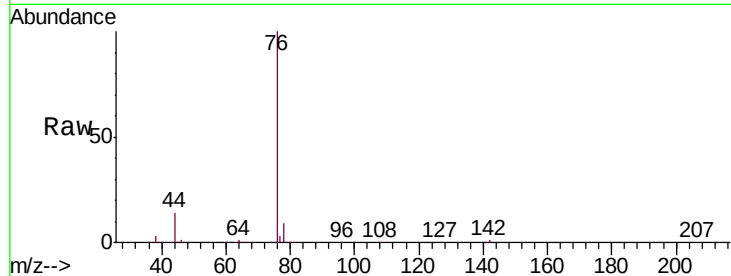
VSTDIC100

Tgt Ion: 76 Resp: 596256

Ion Ratio Lower Upper

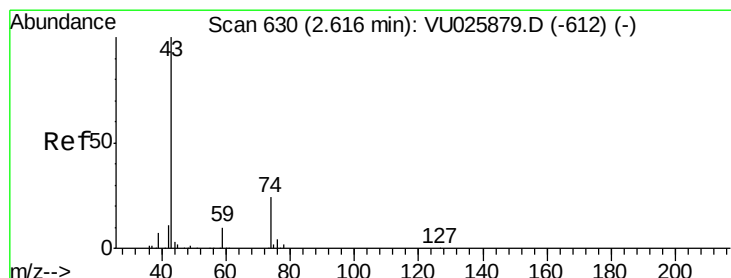
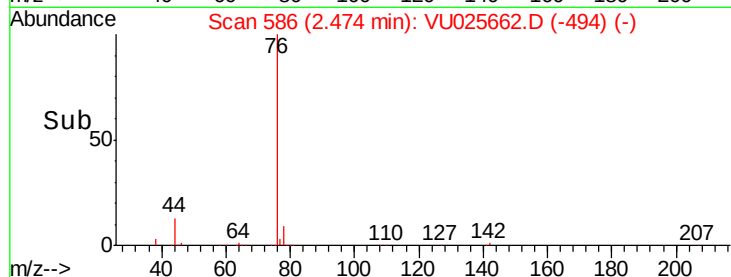
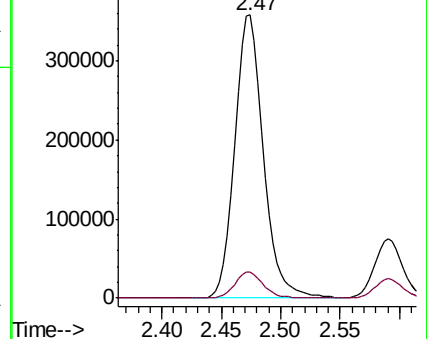
76 100

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) (-)



#18

Methyl Acetate

Concen: 103.247 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025662.D

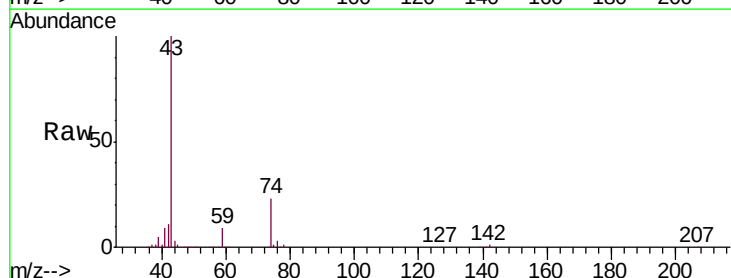
Acq: 27 Jul 2018 11:28

Tgt Ion: 43 Resp: 334629

Ion Ratio Lower Upper

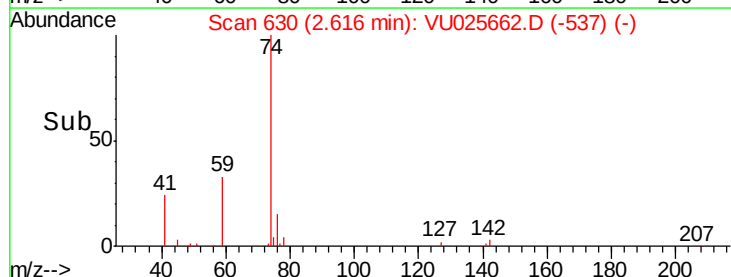
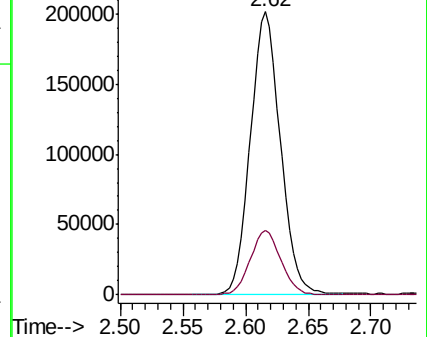
43 100

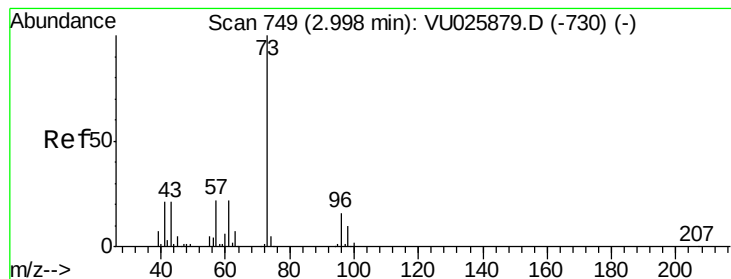
74 23.5 18.5 27.7



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

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





#19

Methyl tert-butyl Ether

Concen: 98.688 ug/l

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

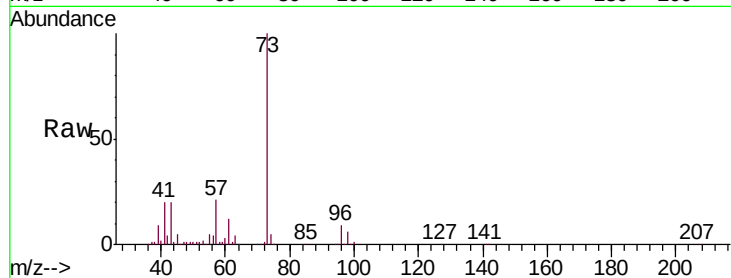
VSTDIC100

Tgt Ion: 73 Resp: 680679

Ion Ratio Lower Upper

73 100

57 21.0 17.4 26.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

3.00

300000

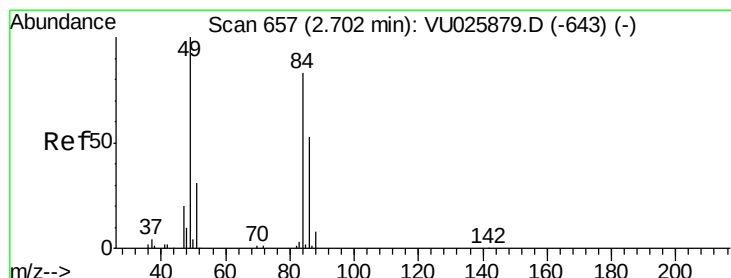
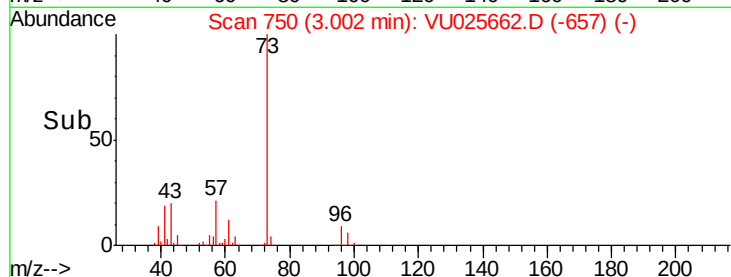
200000

100000

0

Time-->

2.90 3.00 3.10



#20

Methylene Chloride

Concen: 92.753 ug/l

RT: 2.70 min Scan# 656

Delta R.T. -0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Tgt Ion: 84 Resp: 221352

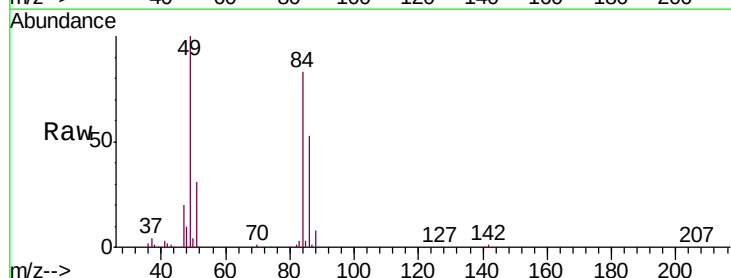
Ion Ratio Lower Upper

84 100

49 120.8 101.8 152.6

51 37.0 30.8 46.2

86 63.5 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

200000

150000

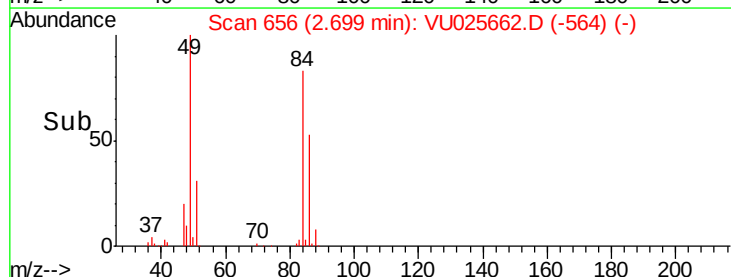
100000

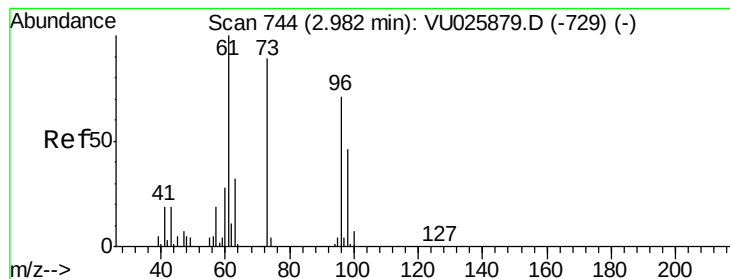
50000

0

Time-->

2.60 2.65 2.70 2.75 2.80





#21

trans-1,2-Dichloroethene

Concen: 96.171 ug/l

RT: 2.98 min Scan# 743

Delta R.T. -0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

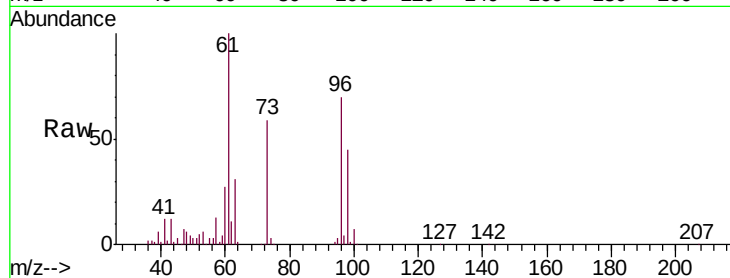
Tgt Ion: 96 Resp: 211596

Ion Ratio Lower Upper

96 100

61 142.7 114.5 171.7

98 64.5 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025879.D (-729) (-)

Ion 60.90 (60.60 to 61.60): VU025879.D (-729) (-)

Ion 97.90 (97.60 to 98.60): VU025879.D (-729) (-)

200000

150000

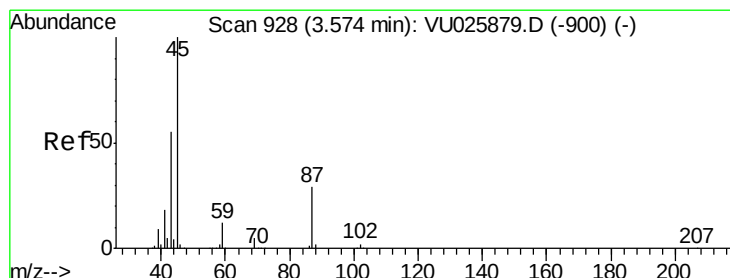
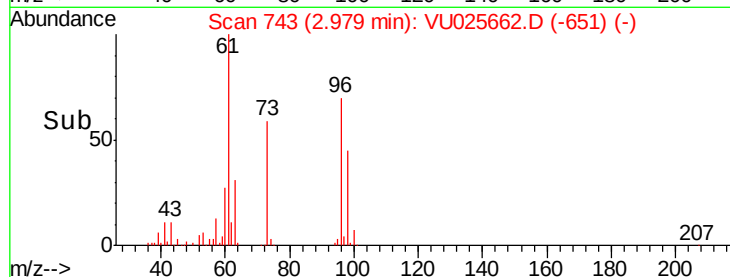
100000

50000

0

2.90 2.95 3.00 3.05 3.10

Time-->



#22

Diisopropyl ether

Concen: 97.937 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Tgt Ion: 45 Resp: 660112

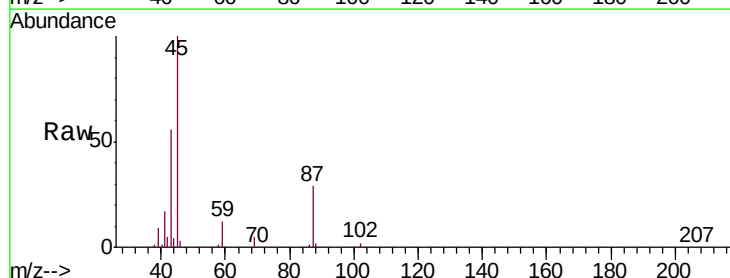
Ion Ratio Lower Upper

45 100

43 56.0 50.9 76.3

87 29.0 23.8 35.8

59 11.6 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU025879.D (-900) (-)

Ion 43.00 (42.70 to 43.70): VU025879.D (-900) (-)

Ion 87.00 (86.70 to 87.70): VU025879.D (-900) (-)

Ion 59.00 (58.70 to 59.70): VU025879.D (-900) (-)

1500000

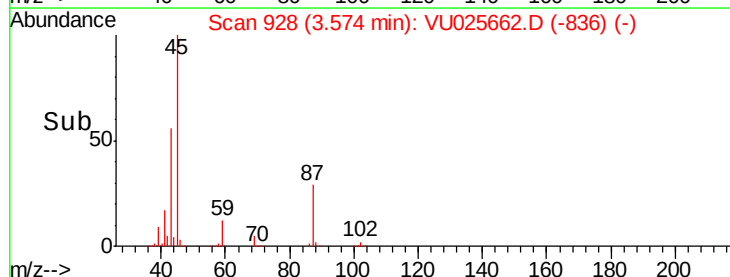
1000000

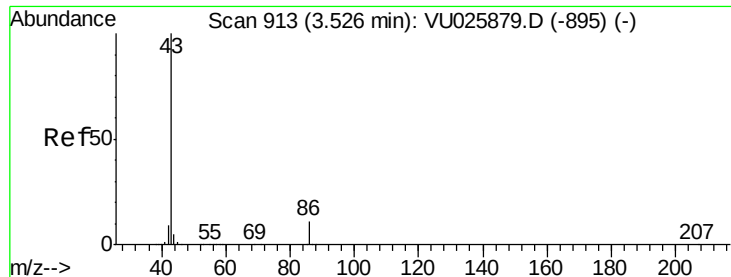
500000

0

3.40 3.50 3.60 3.70

Time-->





#23

Vinyl Acetate

Concen: 495.930 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

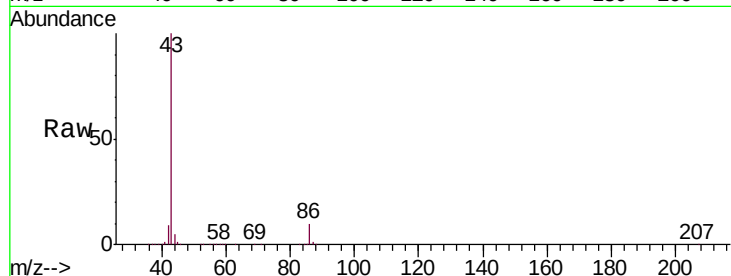
VSTDIC100

Tgt Ion: 43 Resp: 2913069

Ion Ratio Lower Upper

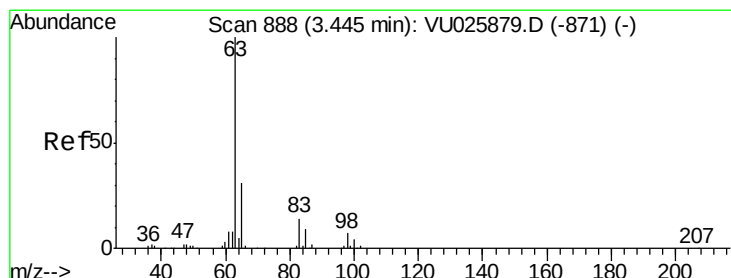
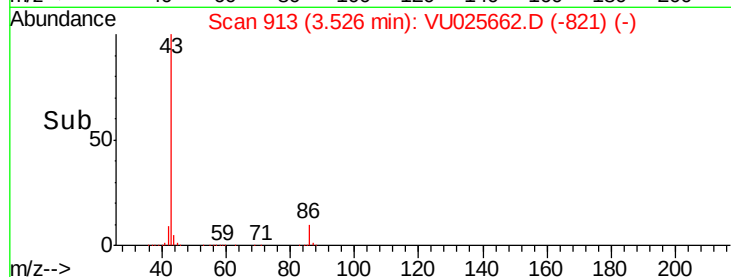
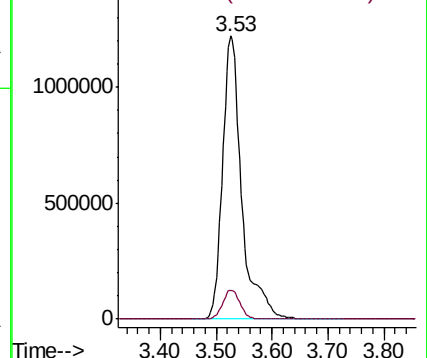
43 100

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) (-)



#24

1,1-Dichloroethane

Concen: 96.574 ug/l

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

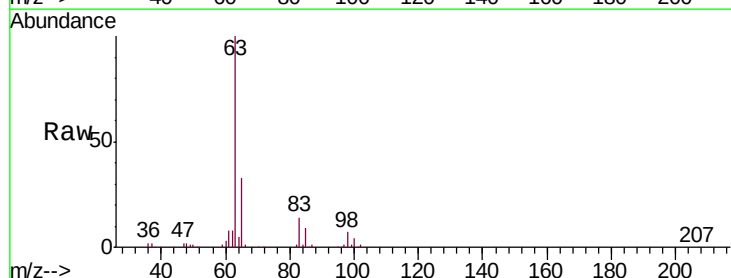
Tgt Ion: 63 Resp: 390743

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

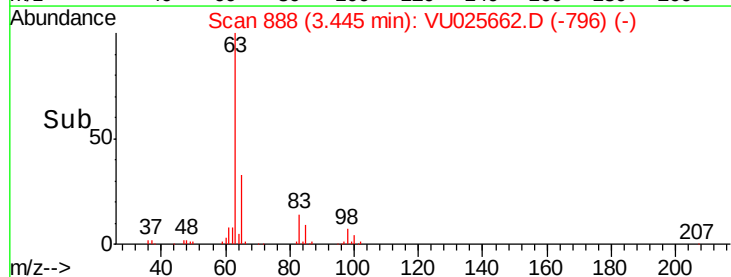
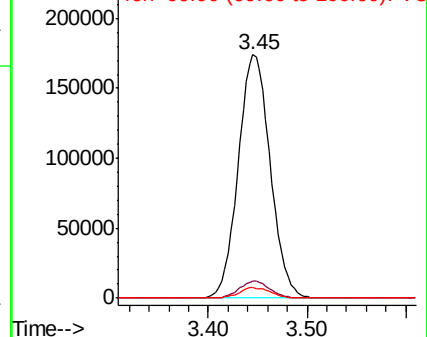
100 4.2 2.0 6.0

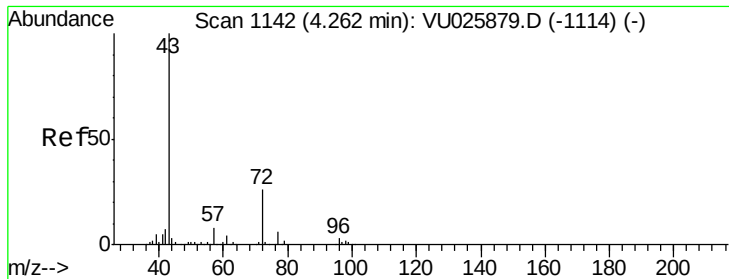


Abundance Ion 62.90 (62.60 to 63.60): VU025879.D (-871) (-)

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

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





#25

2-Butanone

Concen: 487.134 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

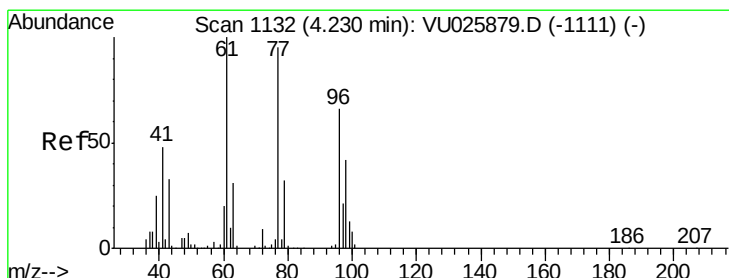
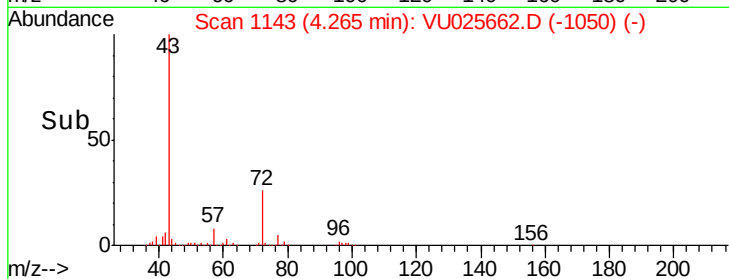
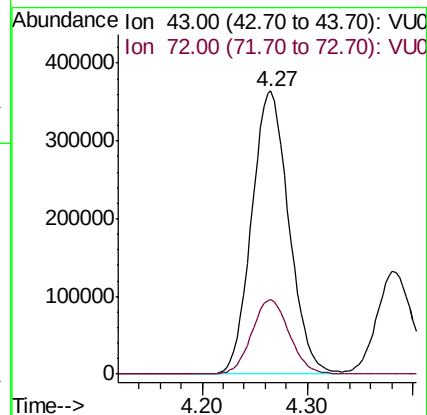
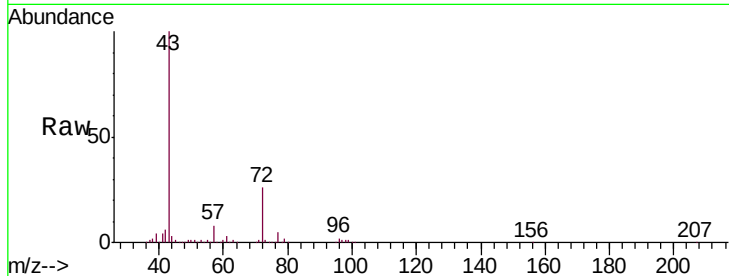
VSTDIC100

Tgt Ion: 43 Resp: 892950

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 94.069 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025662.D

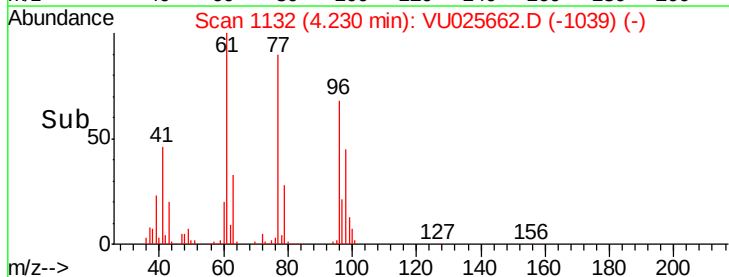
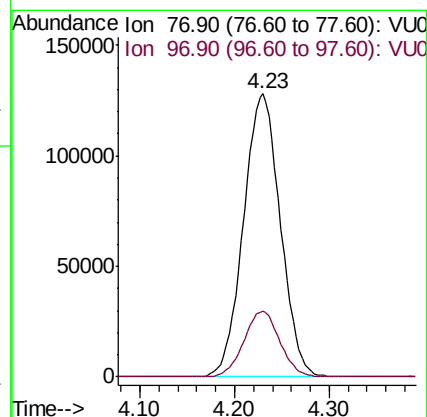
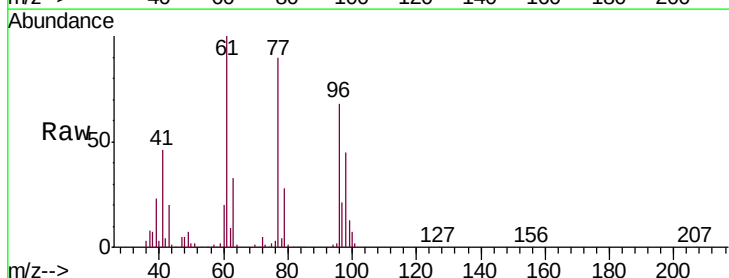
Acq: 27 Jul 2018 11:28

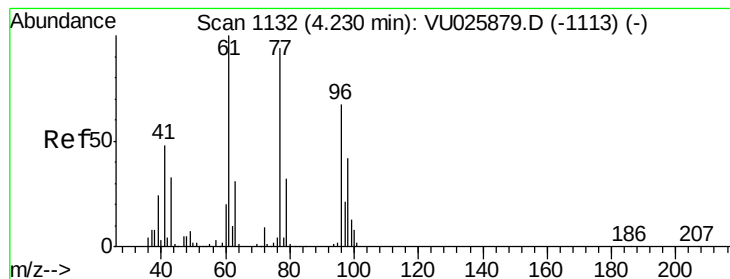
Tgt Ion: 77 Resp: 345944

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 95.906 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

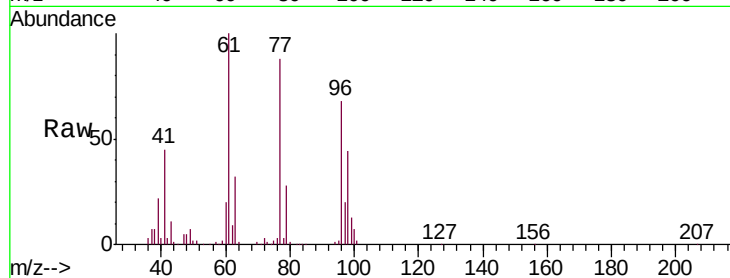
Tgt Ion: 96 Resp: 237904

Ion Ratio Lower Upper

96 100

61 147.7 0.0 299.8

98 64.6 0.0 128.6

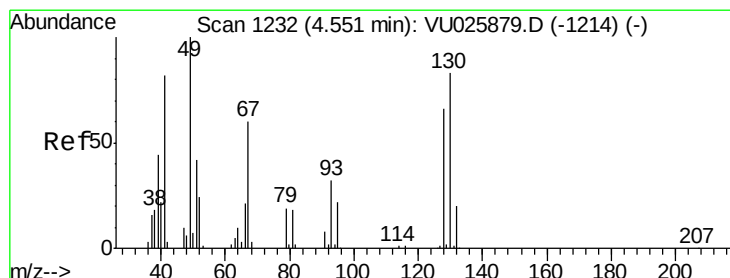
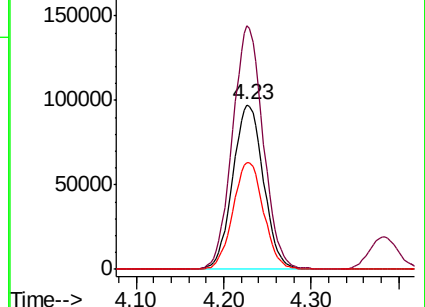
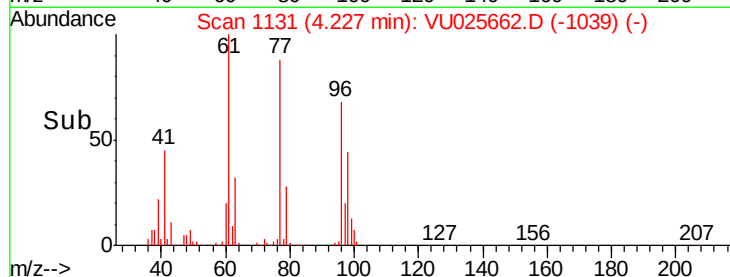


Abundance Ion 95.90 (95.60 to 96.60): VU025662.D (-1039) (-)

Ion 60.90 (60.60 to 61.60): VU025662.D (-1039) (-)

Ion 97.90 (97.60 to 98.60): VU025662.D (-1039) (-)

Time-->



#28

Bromochloromethane

Concen: 93.761 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

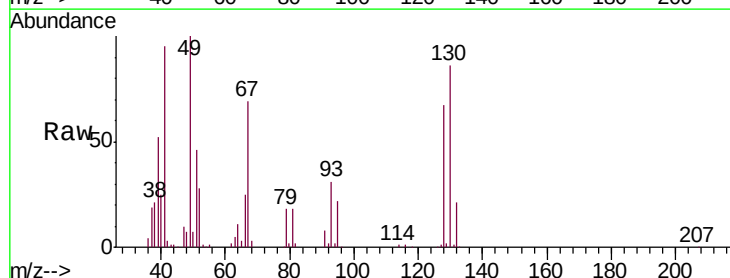
Tgt Ion: 49 Resp: 169616

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 86.8 68.6 102.8

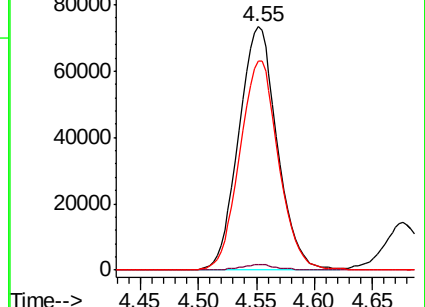
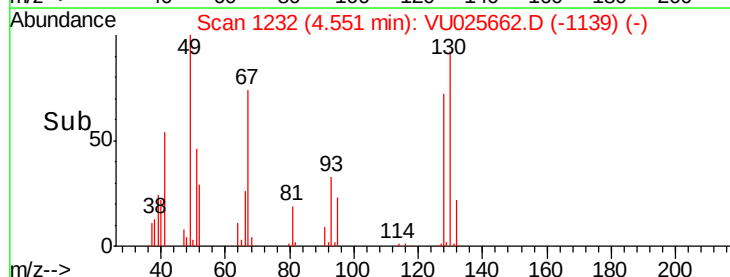


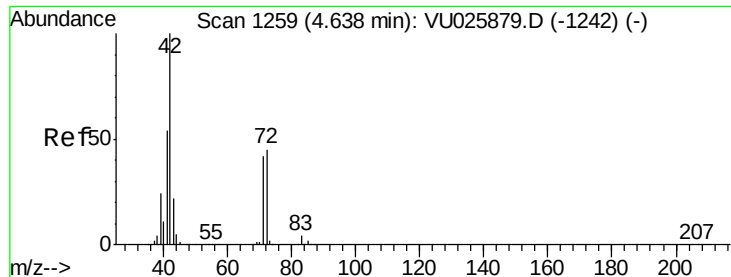
Abundance Ion 48.90 (48.60 to 49.60): VU025662.D (-1139) (-)

Ion 128.80 (128.50 to 129.50): VU025662.D (-1139) (-)

Ion 129.80 (129.50 to 130.50): VU025662.D (-1139) (-)

Time-->





#29

Tetrahydrofuran

Concen: 500.325 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

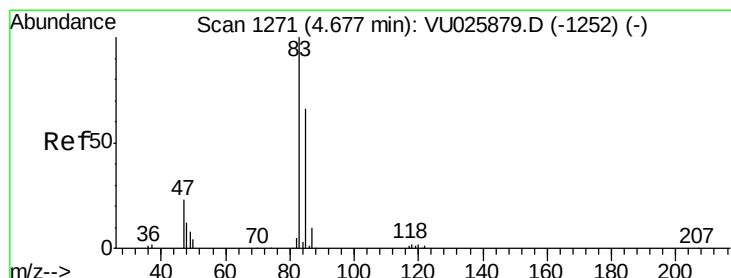
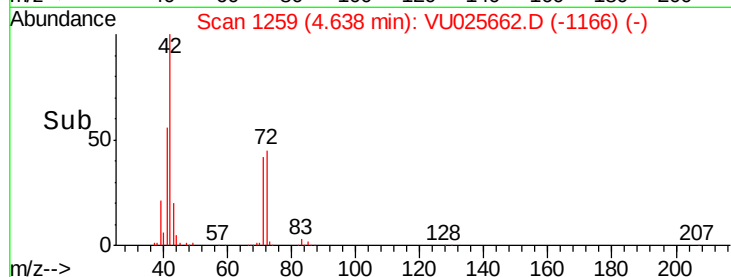
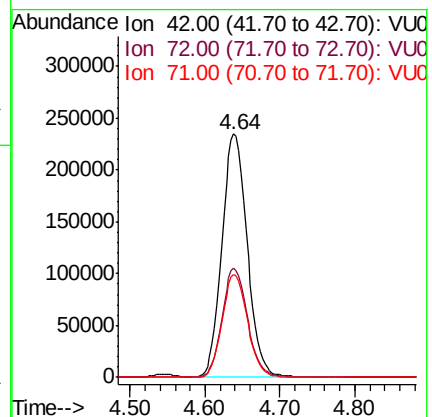
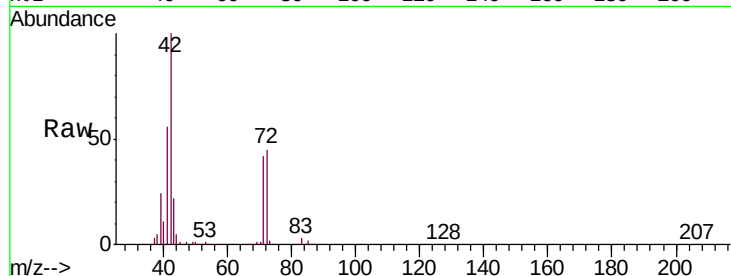
Tgt Ion: 42 Resp: 549463

Ion Ratio Lower Upper

42 100

72 45.3 36.7 55.1

71 42.5 33.9 50.9



#30

Chloroform

Concen: 95.557 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025662.D

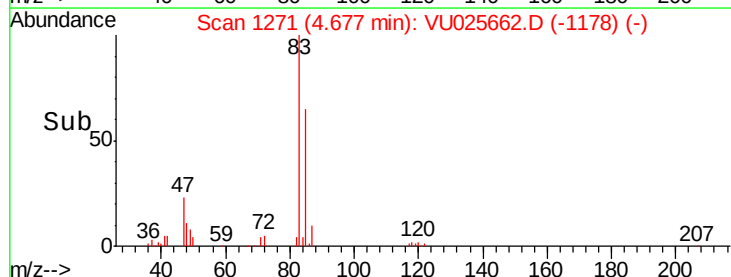
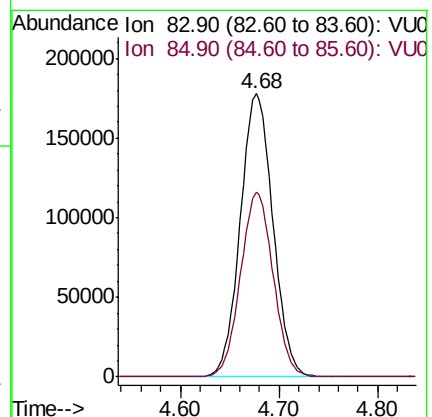
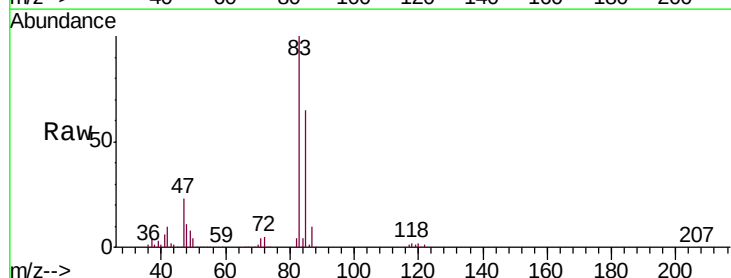
Acq: 27 Jul 2018 11:28

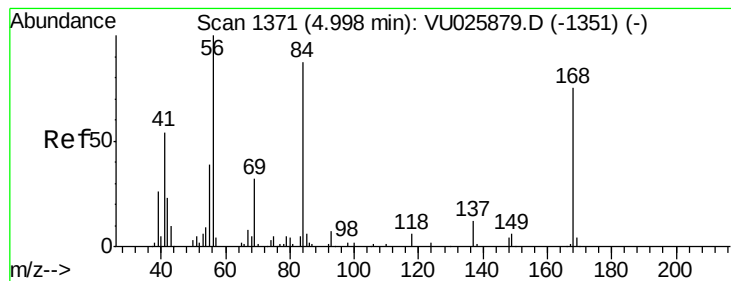
Tgt Ion: 83 Resp: 408100

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3





#31

Cyclohexane

Concen: 98.455 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

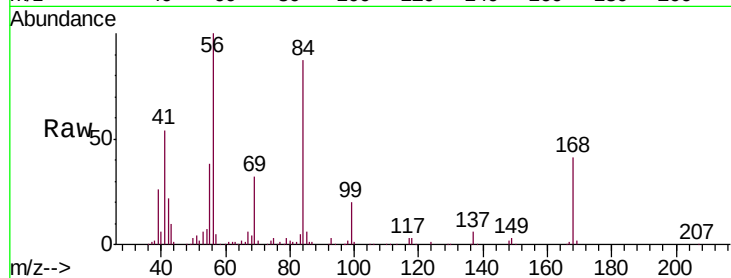
Tgt Ion: 56 Resp: 341896

Ion Ratio Lower Upper

56 100

69 31.6 26.8 40.2

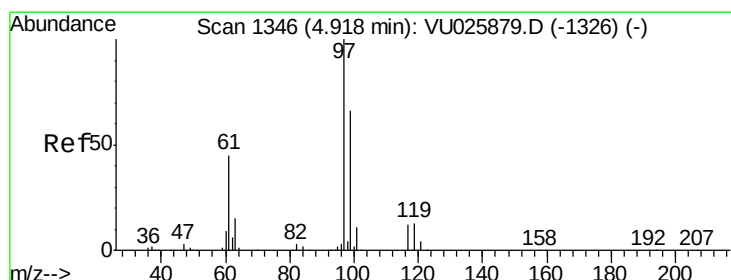
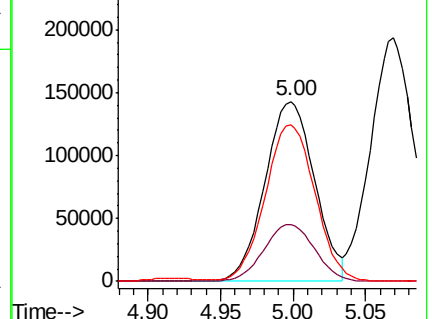
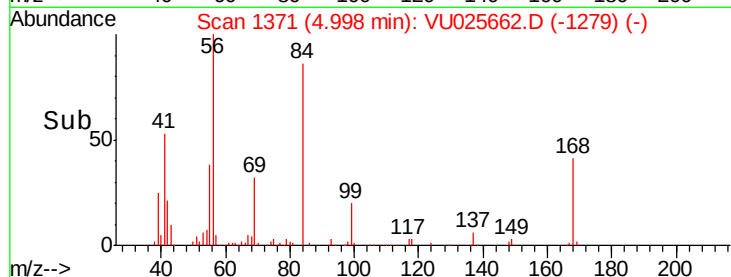
84 85.9 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025662.D (-1279) (-)

Ion 69.00 (68.70 to 69.70): VU025662.D (-1279) (-)

Ion 84.00 (83.70 to 84.70): VU025662.D (-1279) (-)



#32

1,1,1-Trichloroethane

Concen: 97.640 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

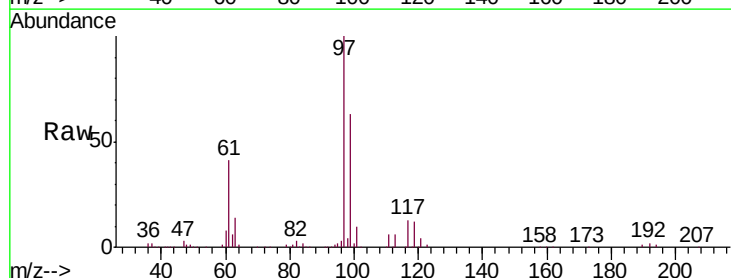
Tgt Ion: 97 Resp: 375431

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

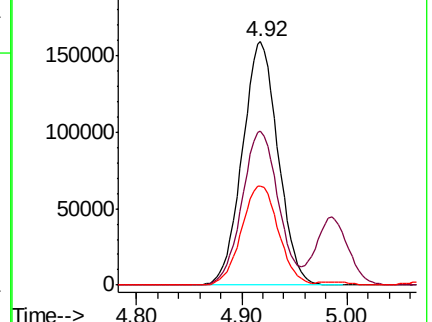
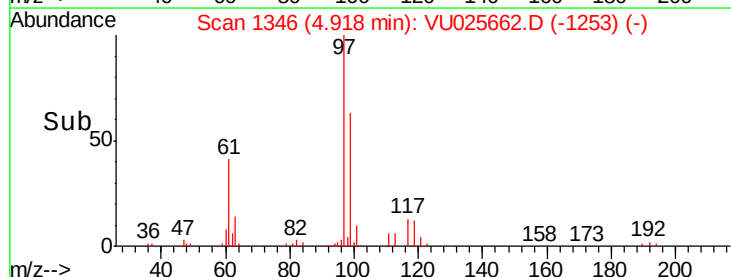
61 42.3 35.2 52.8

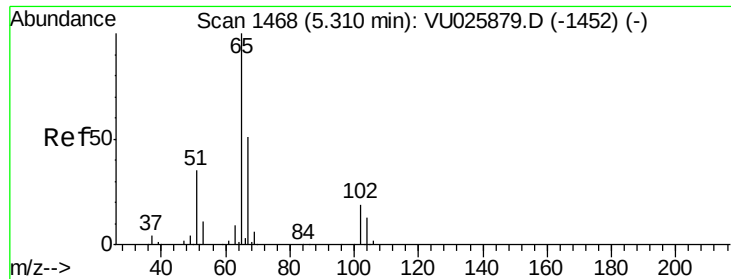


Abundance Ion 96.90 (96.60 to 97.60): VU025662.D (-1253) (-)

Ion 98.90 (98.60 to 99.60): VU025662.D (-1253) (-)

Ion 60.90 (60.60 to 61.60): VU025662.D (-1253) (-)

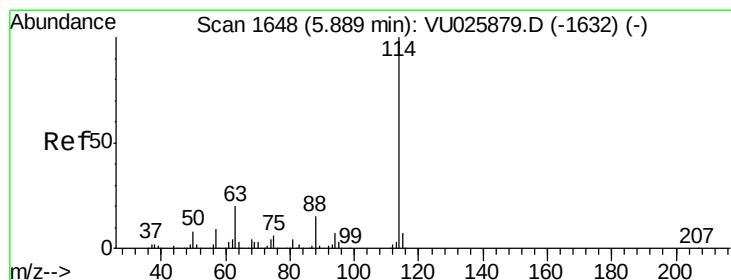
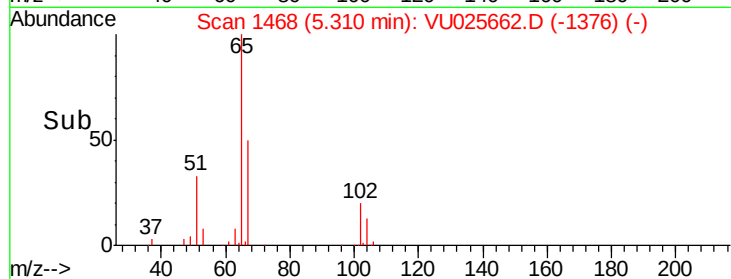
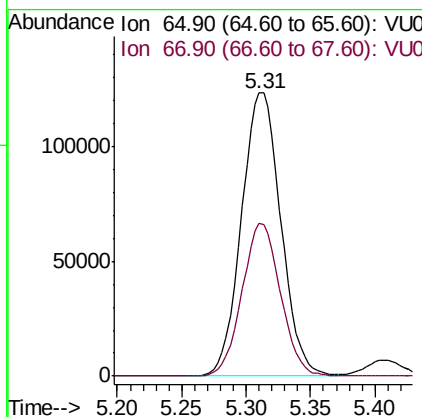
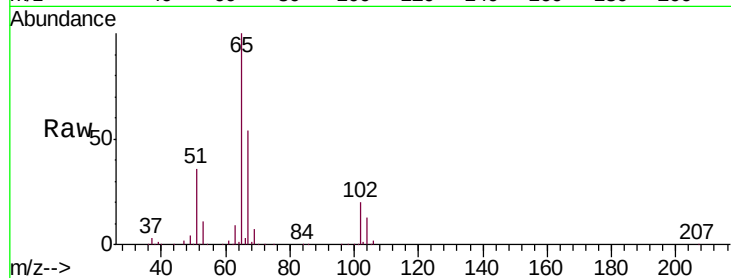




#33
 1,2-Dichloroethane-d4
 Concen: 95.211 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

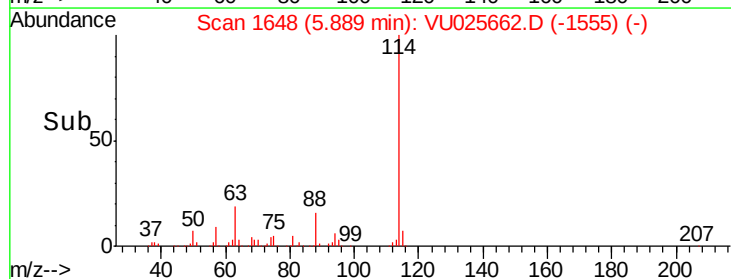
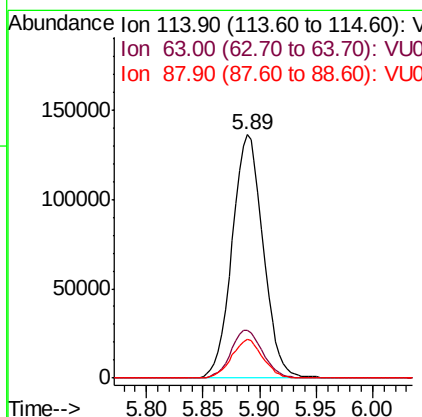
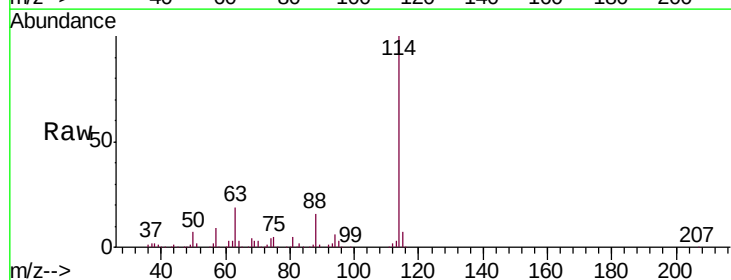
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

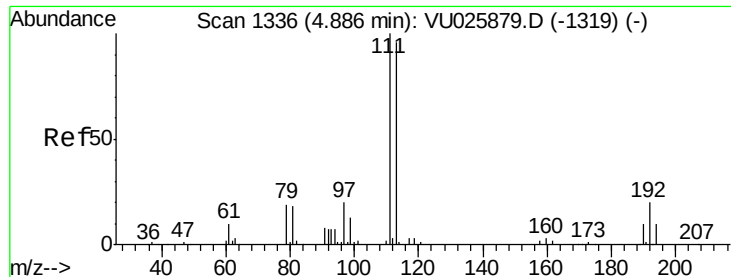
Tgt Ion: 65 Resp: 262971
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion: 114 Resp: 260444
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.6
 88 15.7 0.0 32.4

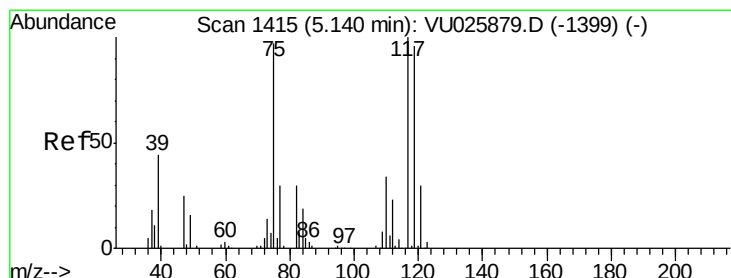
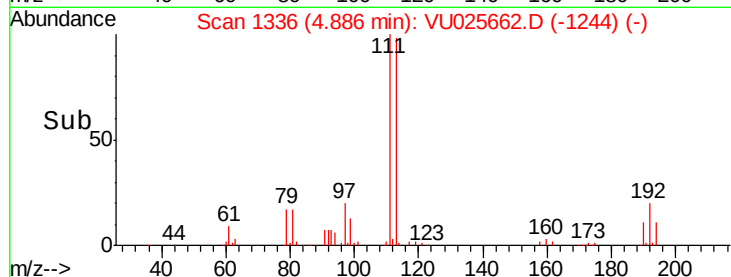
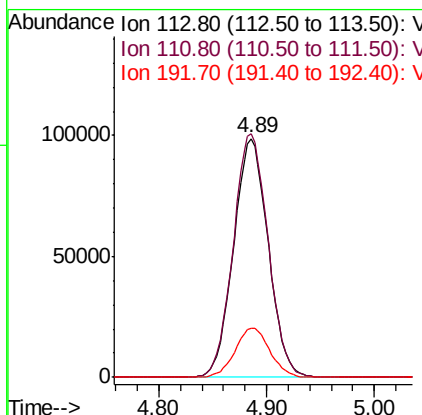
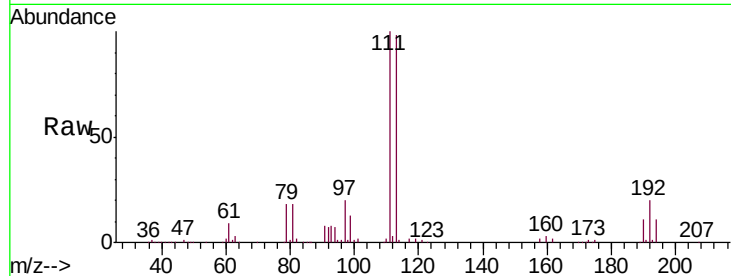




#35
 Dibromofluoromethane
 Concen: 97.515 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

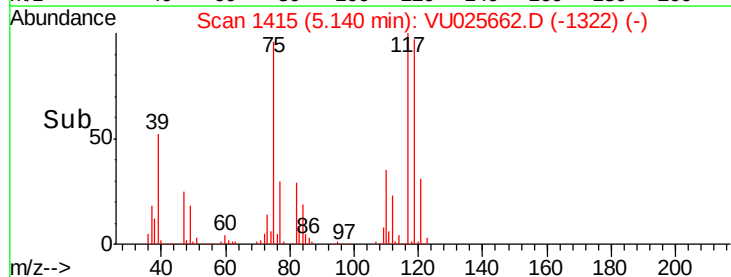
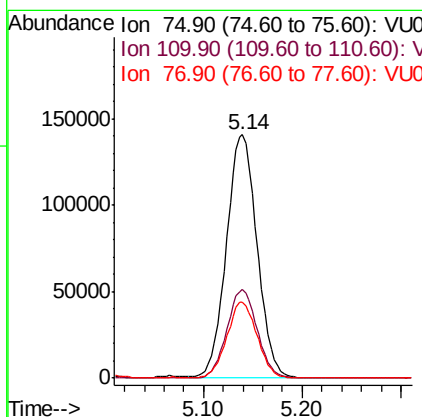
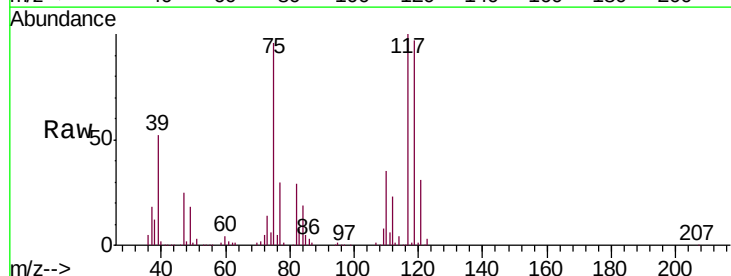
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

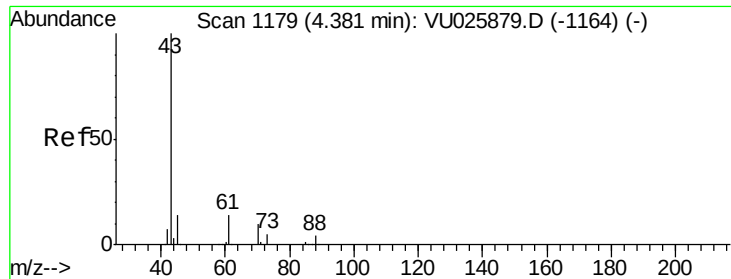
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	20.7	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 100.505 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.6	52.9
77	30.9	24.4	36.6

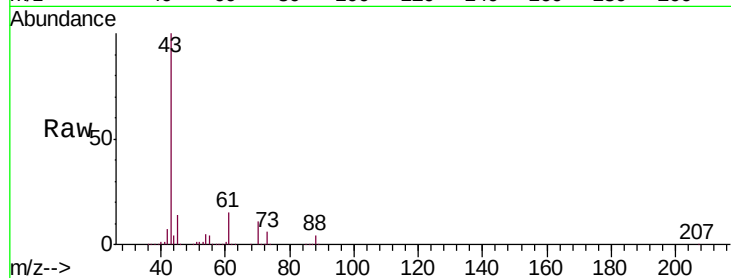




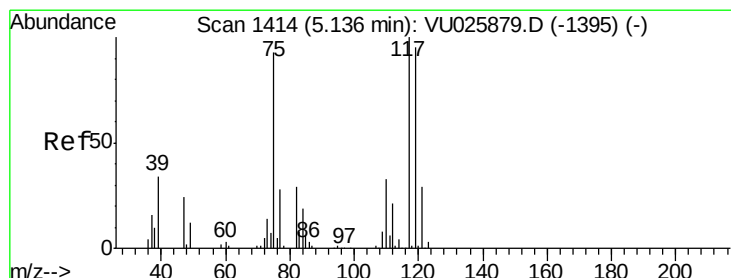
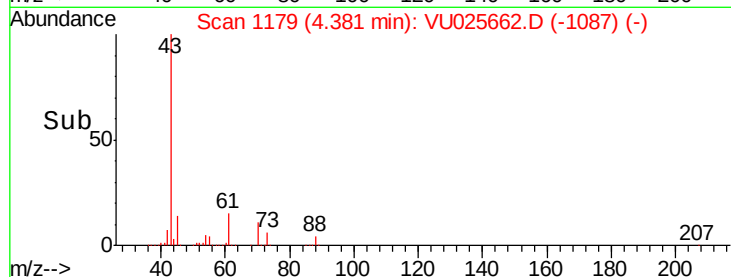
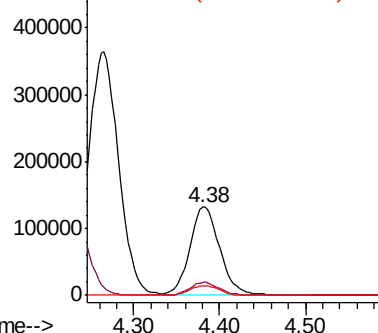
#37
 Ethyl Acetate
 Concen: 101.022 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 318828
 Ion Ratio Lower Upper
 43 100
 61 14.4 10.7 16.1
 70 10.7 8.4 12.6

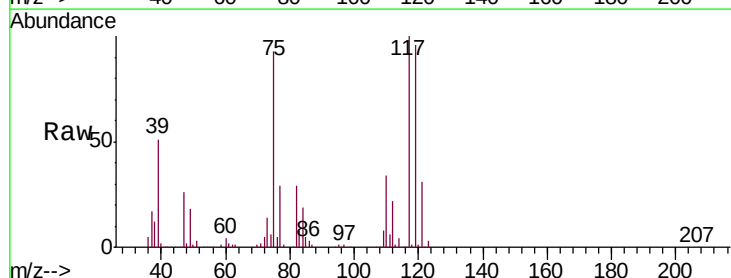


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

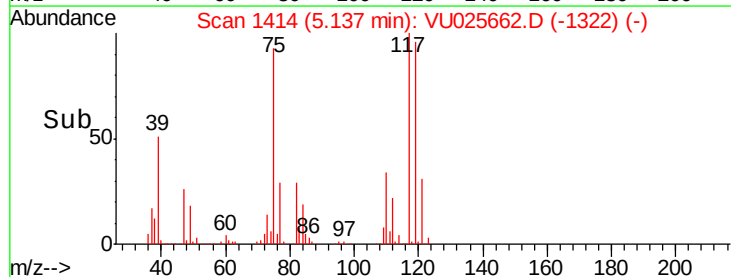
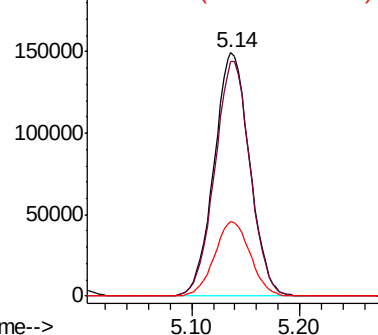


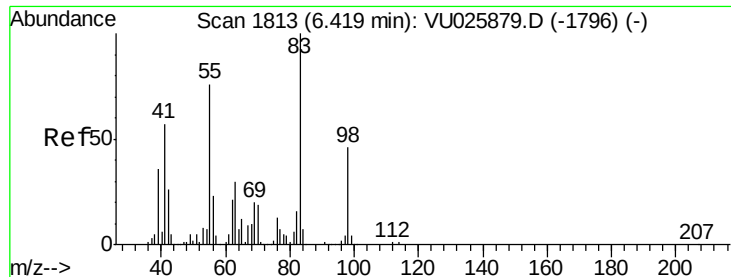
#38
 Carbon Tetrachloride
 Concen: 99.107 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion: 117 Resp: 341668
 Ion Ratio Lower Upper
 117 100
 119 96.3 75.7 113.5
 121 30.6 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

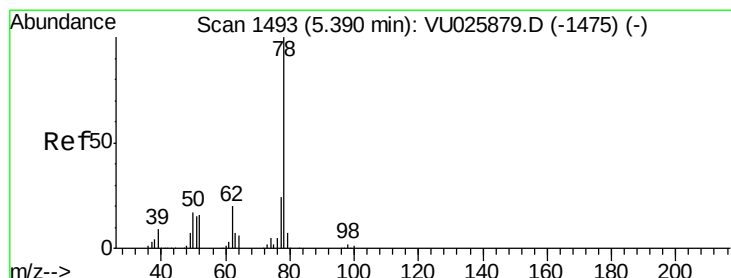
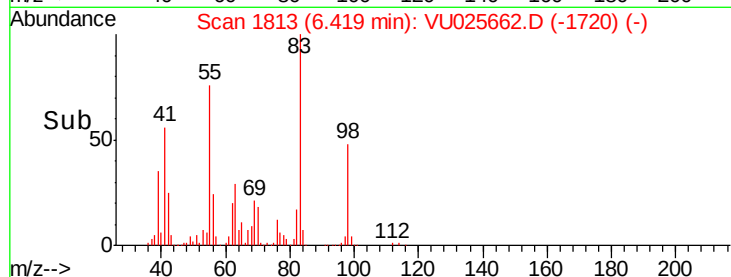
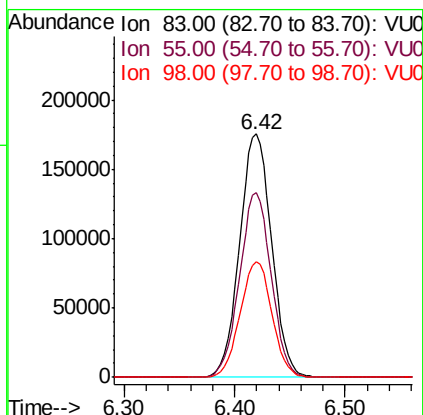
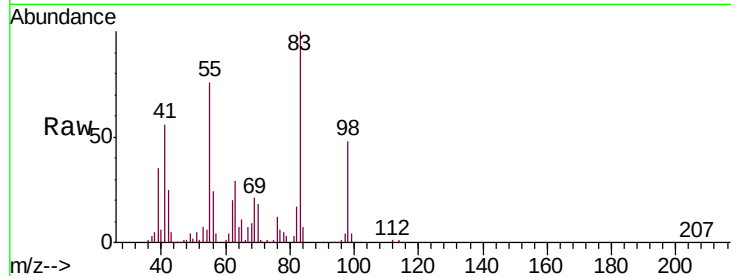




#39
Methylcyclohexane
Concen: 101.188 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

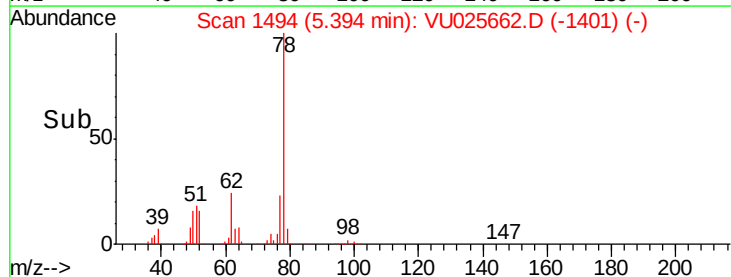
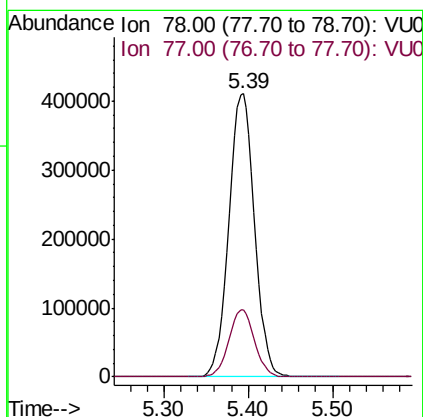
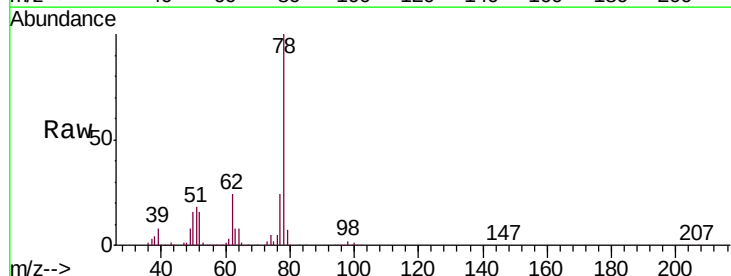
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

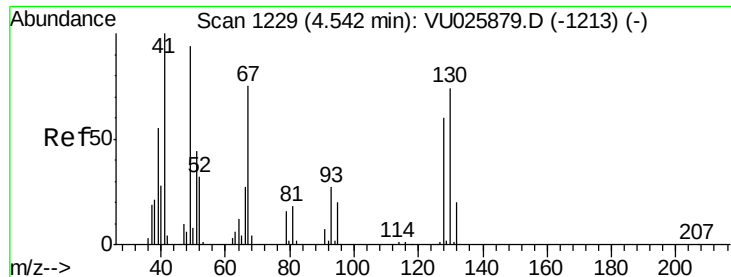
Tgt Ion: 83 Resp: 352885
Ion Ratio Lower Upper
83 100
55 75.9 60.0 90.0
98 47.7 36.1 54.1



#40
Benzene
Concen: 97.321 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 78 Resp: 865859
Ion Ratio Lower Upper
78 100
77 23.6 19.8 29.6

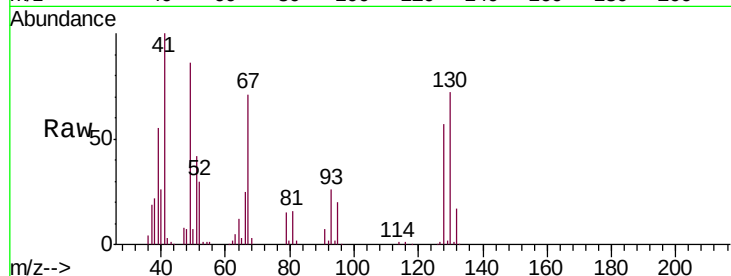




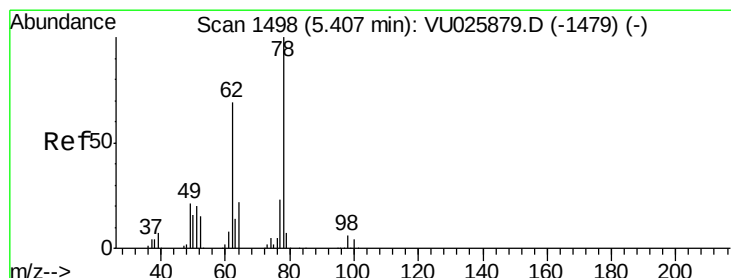
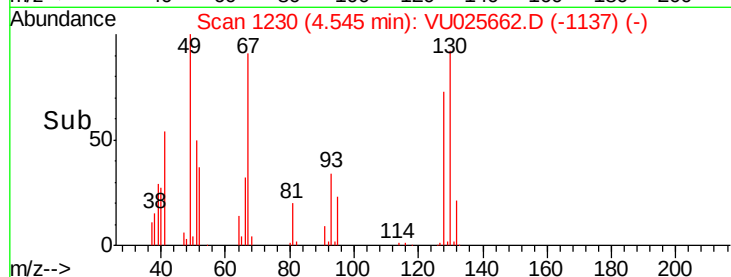
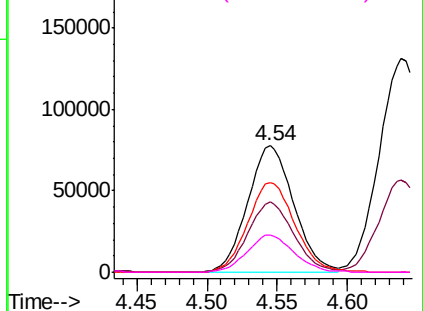
#41
Methacrylonitrile
Concen: 101.256 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	177494
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.4	66.6
67	72.9	56.0	84.0
52	29.2	24.6	36.8

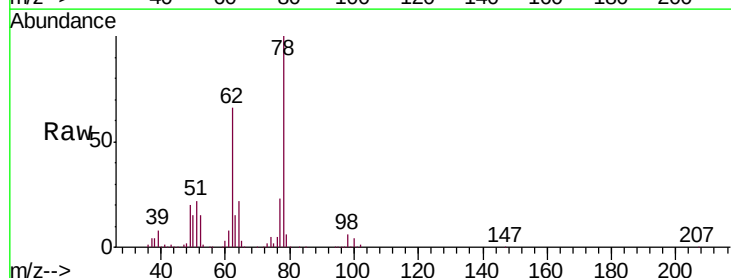


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

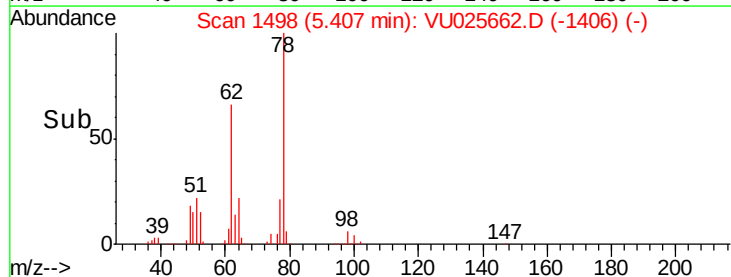
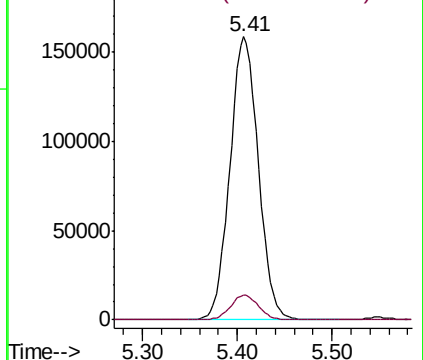


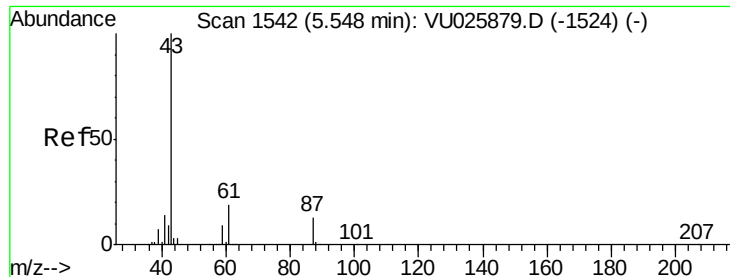
#42
1,2-Dichloroethane
Concen: 96.659 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion:	62	Resp:	331135
Ion	Ratio	Lower	Upper
62	100		
98	8.7	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: 100.091 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

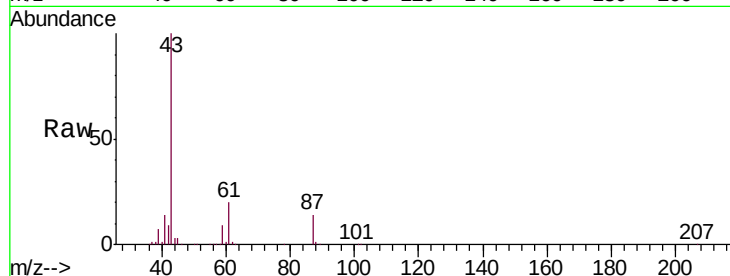
Tgt Ion: 43 Resp: 522001

Ion Ratio Lower Upper

43 100

61 20.1 15.5 23.3

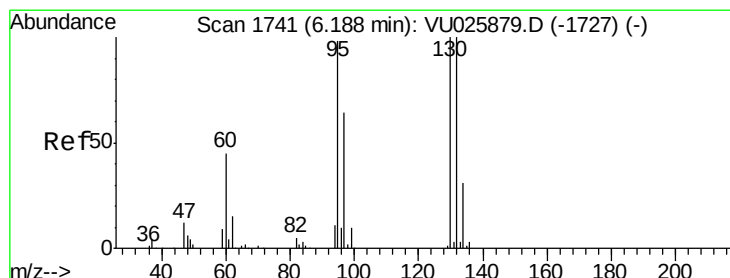
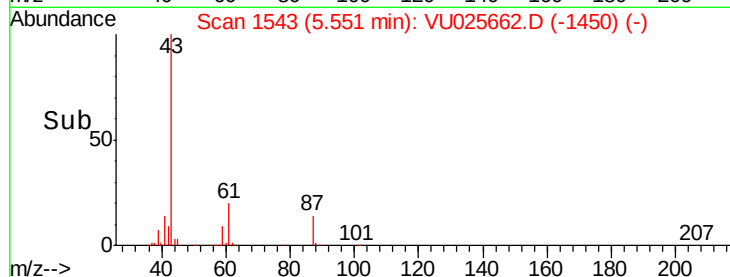
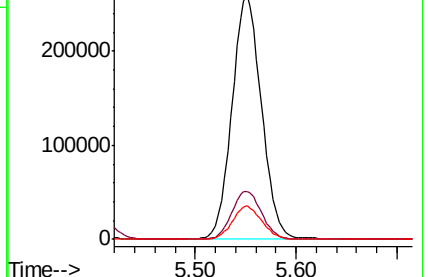
87 13.8 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-1524) (-)

Ion 61.00 (60.70 to 61.70): VU025879.D (-1524) (-)

Ion 87.00 (86.70 to 87.70): VU025879.D (-1524) (-)



#44

Trichloroethene

Concen: 97.318 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025662.D

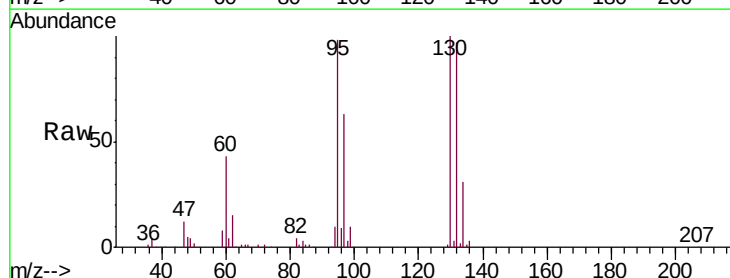
Acq: 27 Jul 2018 11:28

Tgt Ion: 130 Resp: 241123

Ion Ratio Lower Upper

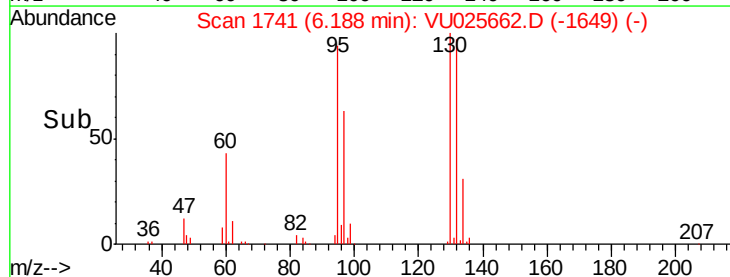
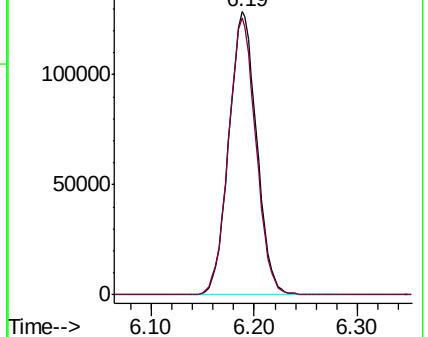
130 100

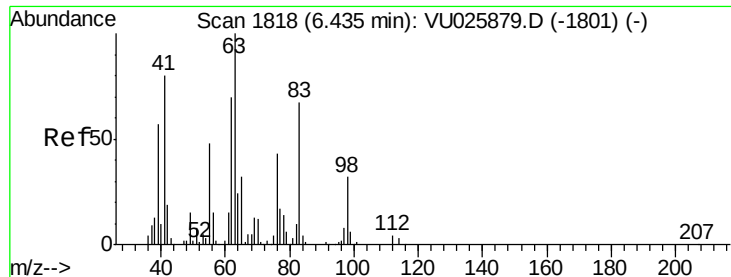
95 97.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025879.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025879.D (-1727) (-)

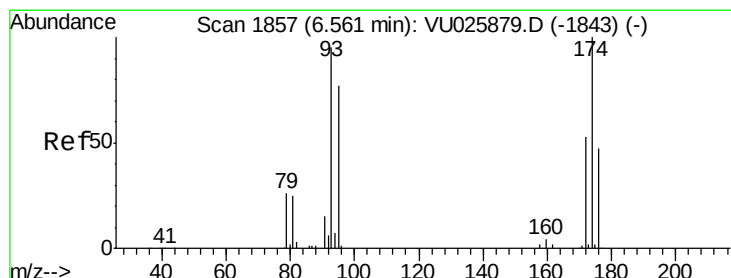
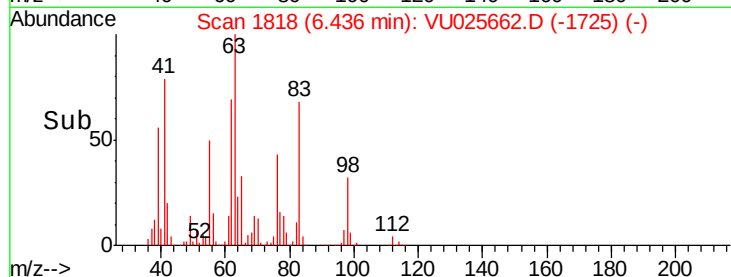
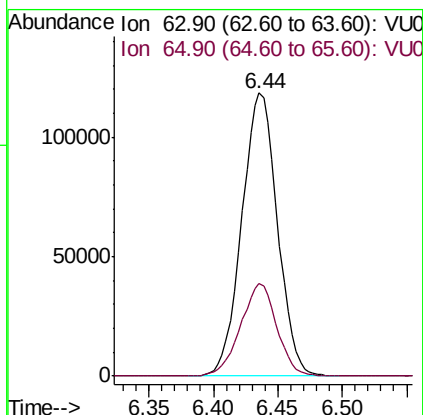
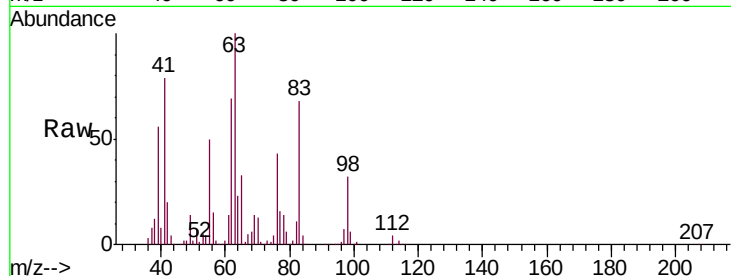




#45
1,2-Dichloropropane
Concen: 98.141 ug/l
RT: 6.44 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

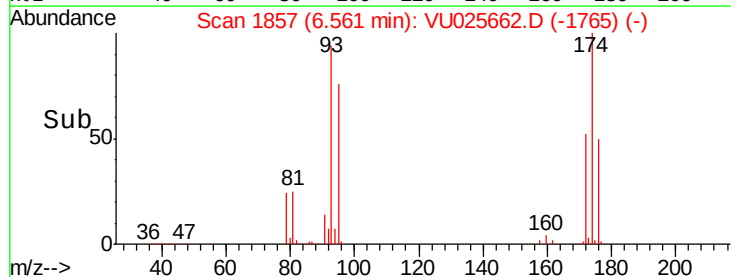
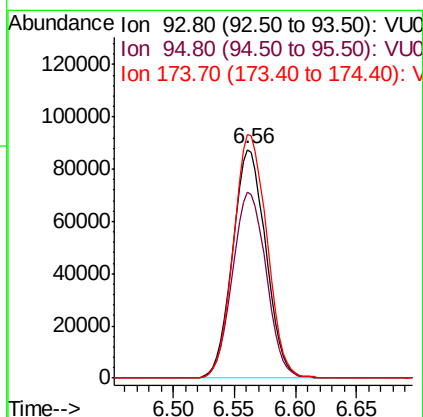
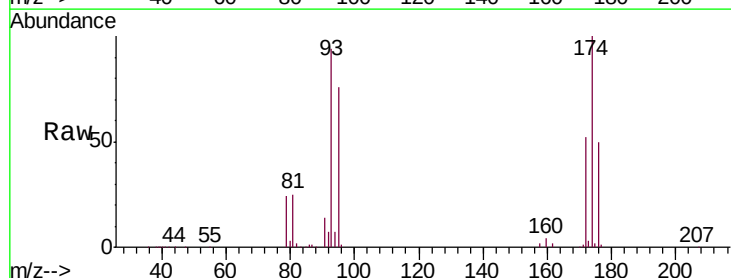
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

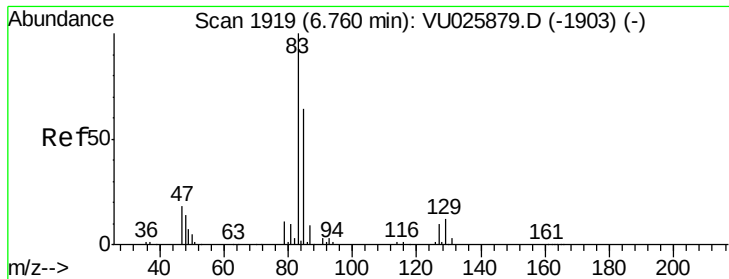
Tgt Ion: 63 Resp: 227719
Ion Ratio Lower Upper
63 100
65 32.6 26.1 39.1



#46
Dibromomethane
Concen: 98.757 ug/l
RT: 6.56 min Scan# 1857
Delta R.T. -0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 93 Resp: 166039
Ion Ratio Lower Upper
93 100
95 82.3 66.6 100.0
174 106.7 85.8 128.8





#47

Bromodichloromethane

Concen: 99.713 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

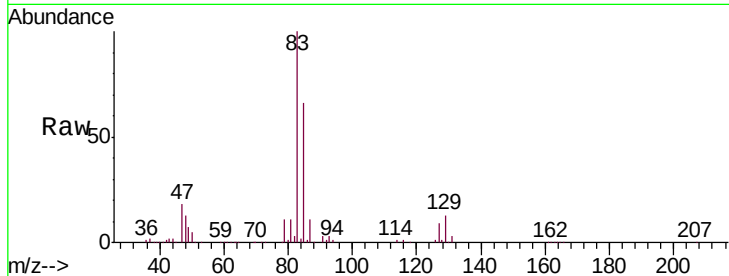
Tgt Ion: 83 Resp: 319786

Ion Ratio Lower Upper

83 100

85 65.5 50.2 75.4

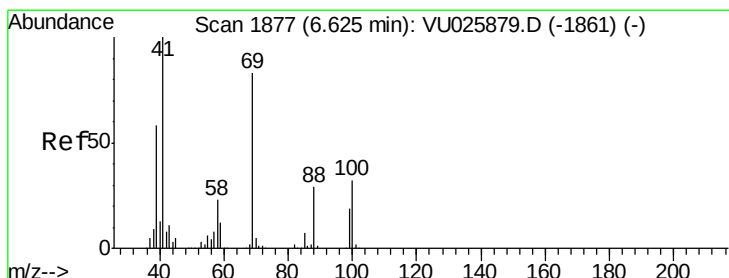
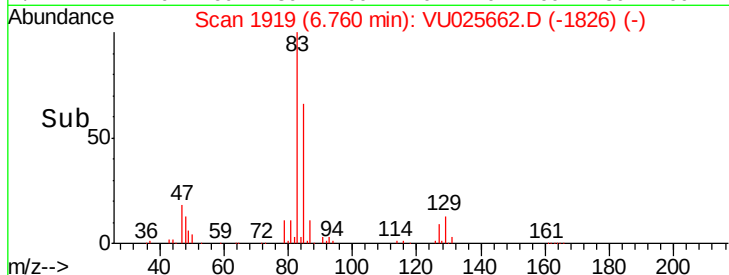
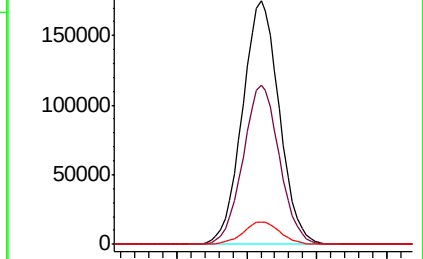
127 9.3 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU025879.D (-1903) (-)

Ion 84.90 (84.60 to 85.60): VU025879.D (-1903) (-)

Ion 126.80 (126.50 to 127.50): VU025879.D (-1903) (-)



#48

Methyl methacrylate

Concen: 105.793 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

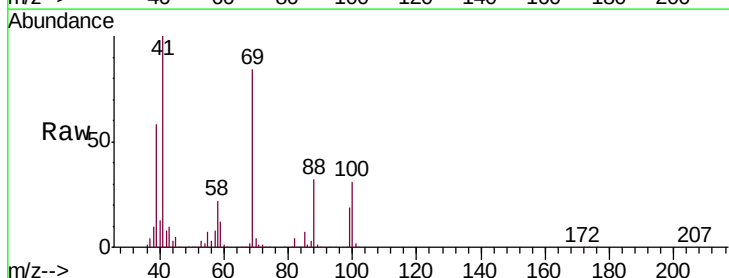
Tgt Ion: 41 Resp: 270414

Ion Ratio Lower Upper

41 100

69 84.5 65.0 97.4

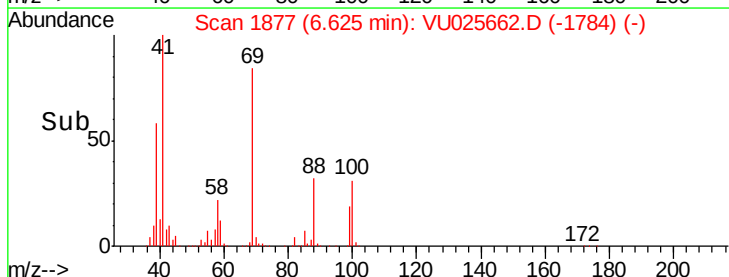
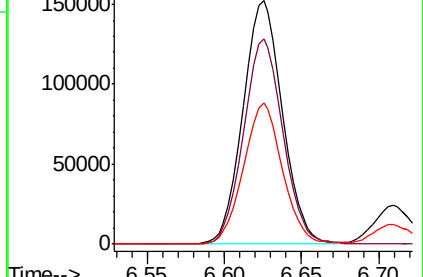
39 57.2 46.4 69.6

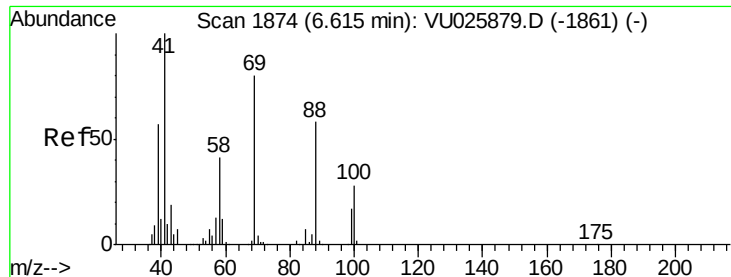


Abundance Ion 41.00 (40.70 to 41.70): VU025879.D (-1861) (-)

Ion 69.00 (68.70 to 69.70): VU025879.D (-1861) (-)

Ion 39.00 (38.70 to 39.70): VU025879.D (-1861) (-)

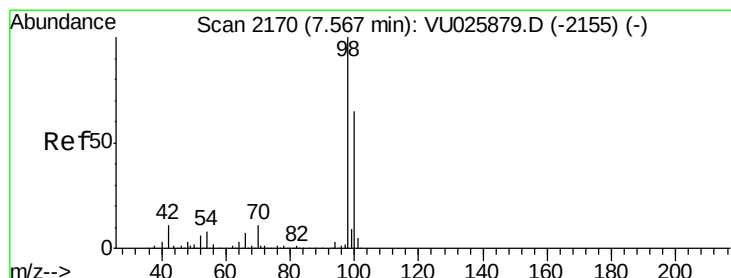
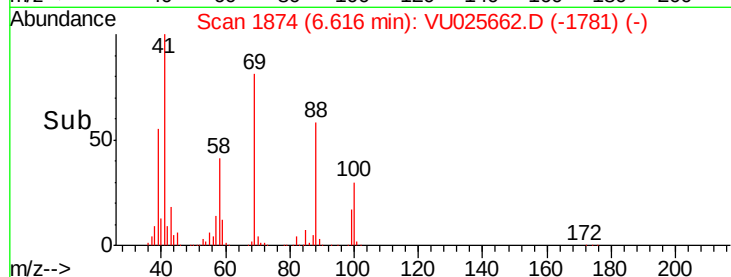
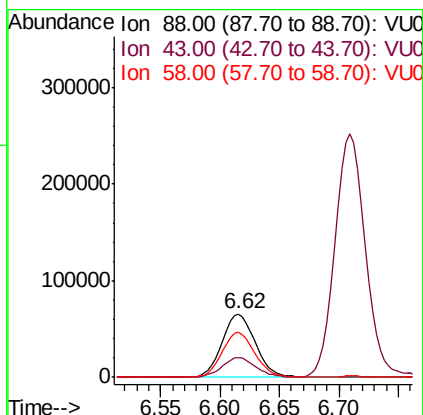
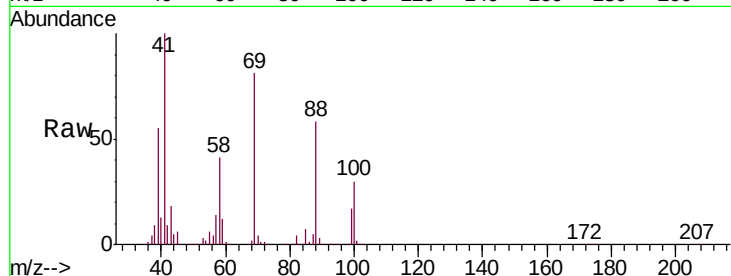




#49
1,4-Dioxane
Concen: 2008.864 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

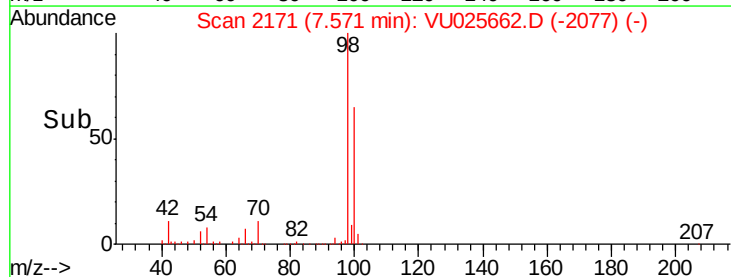
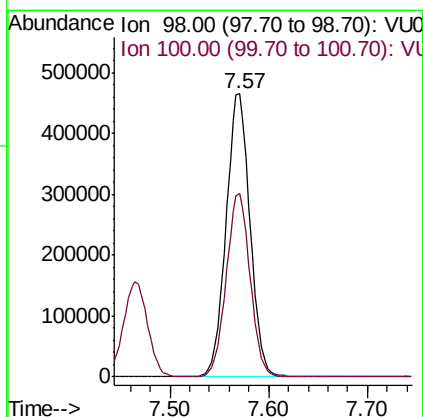
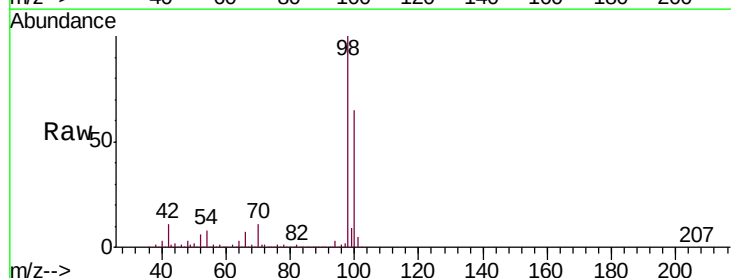
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

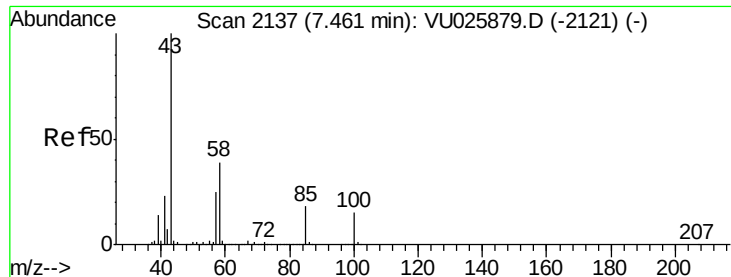
Tgt Ion: 88 Resp: 124954
Ion Ratio Lower Upper
88 100
43 32.7 27.3 40.9
58 70.9 57.6 86.4



#50
Toluene-d8
Concen: 99.905 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 98 Resp: 791923
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 519.151 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

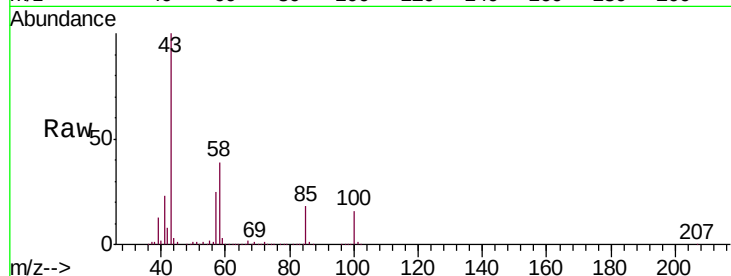
VSTDIC100

Tgt Ion: 43 Resp: 1695074

Ion Ratio Lower Upper

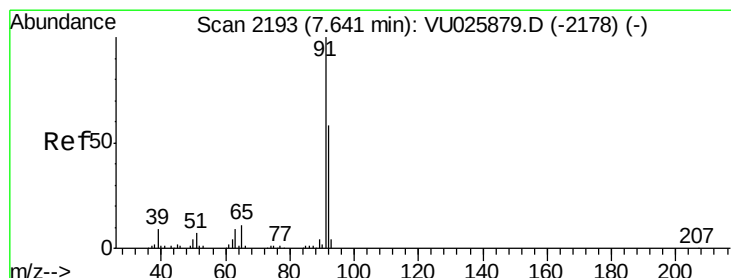
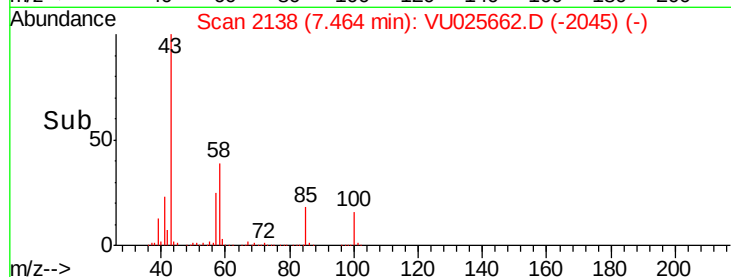
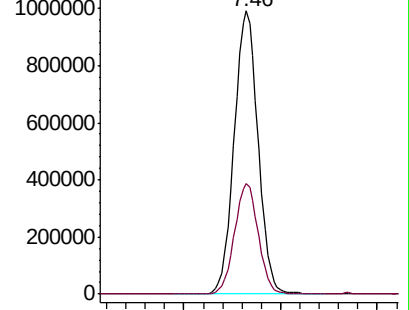
43 100

58 38.9 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) (-)



#52

Toluene

Concen: 100.902 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025662.D

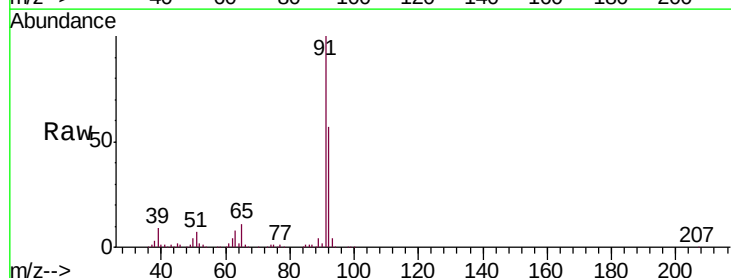
Acq: 27 Jul 2018 11:28

Tgt Ion: 92 Resp: 557713

Ion Ratio Lower Upper

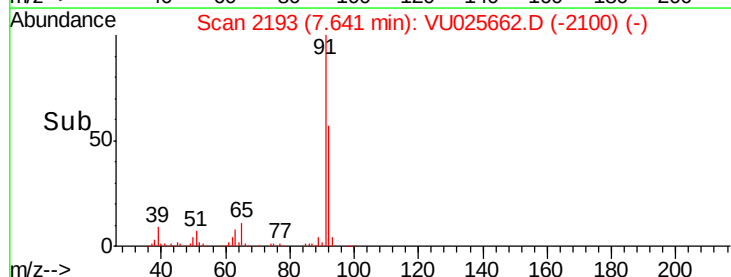
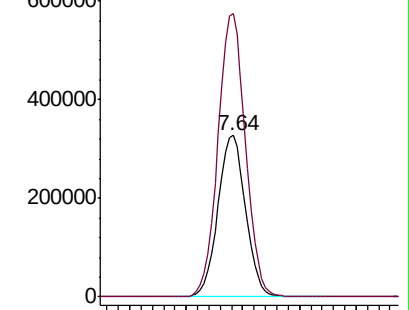
92 100

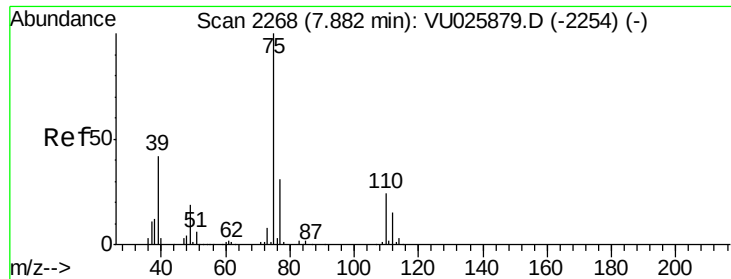
91 174.3 139.2 208.8



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

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

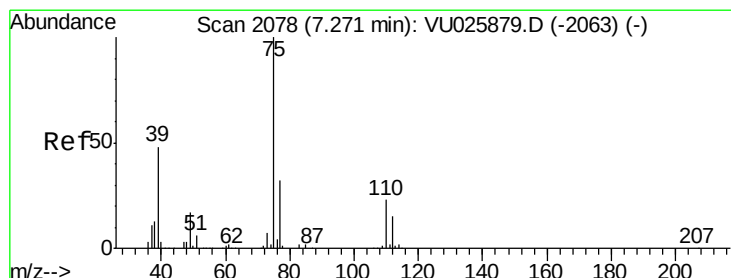
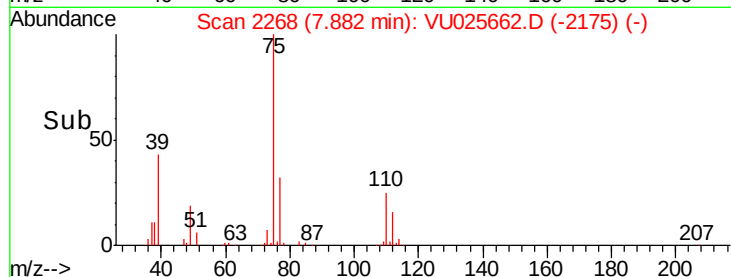
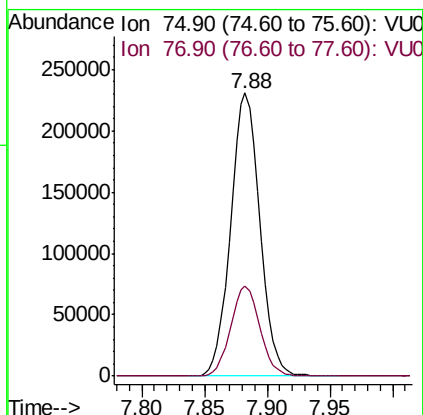
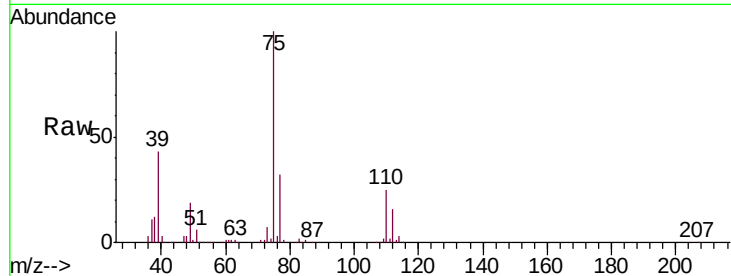




#53
t-1,3-Dichloropropene
Concen: 103.586 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

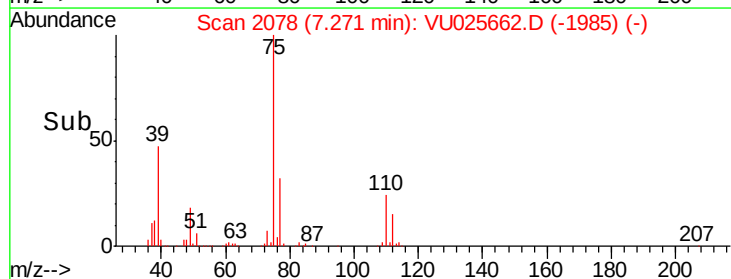
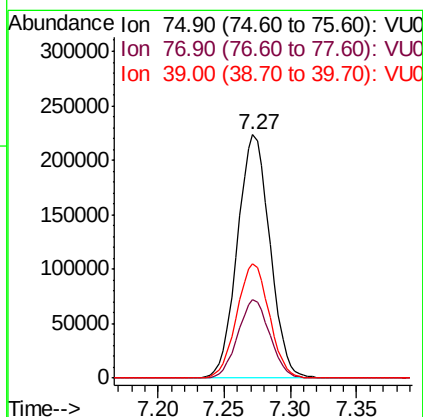
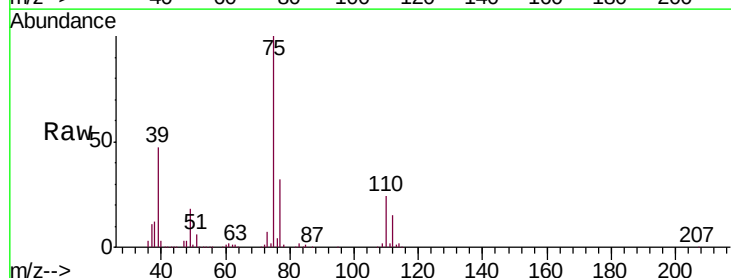
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

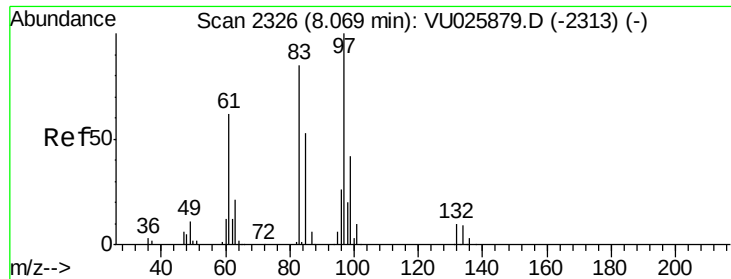
Tgt Ion: 75 Resp: 373008
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 102.929 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 75 Resp: 380731
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 47.1 40.0 60.0

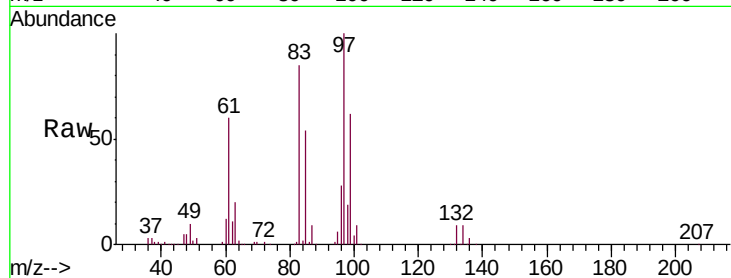




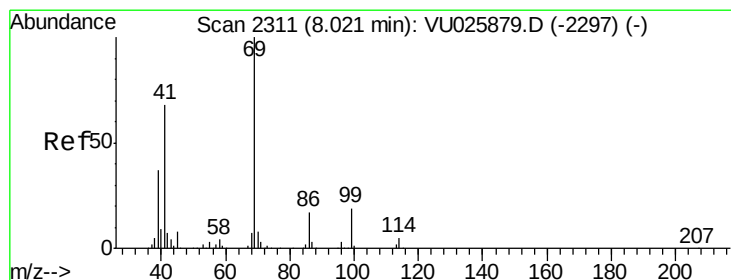
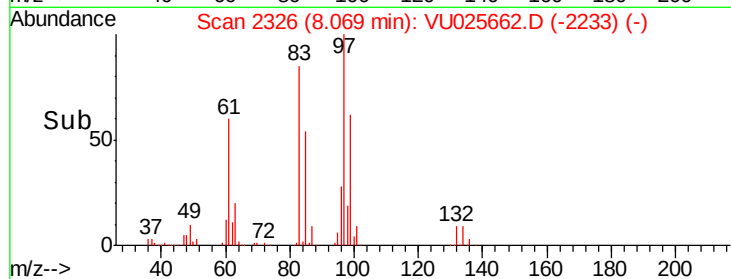
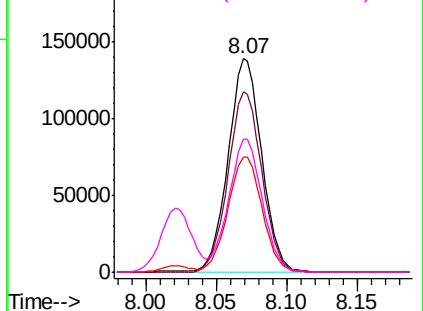
#55
 1,1,2-Trichloroethane
 Concen: 100.245 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	230263
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.9	103.3
85	53.9	44.4	66.6
99	62.2	51.0	76.4

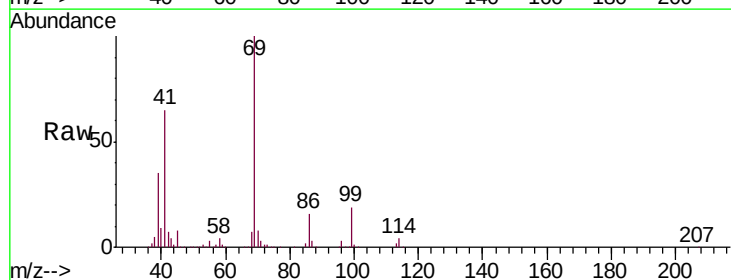


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

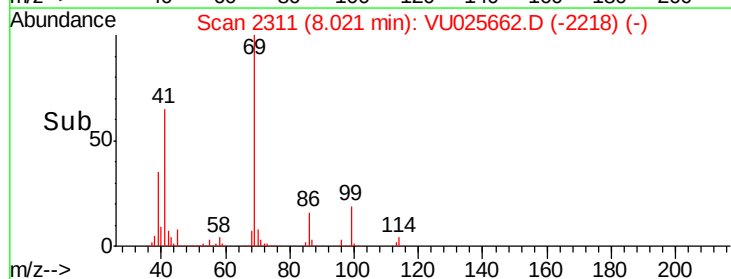
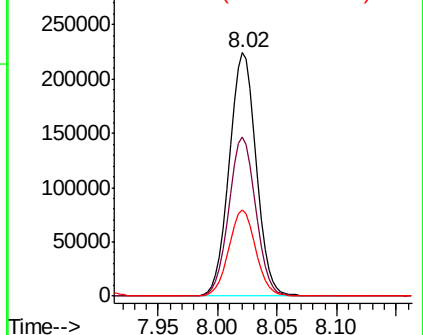


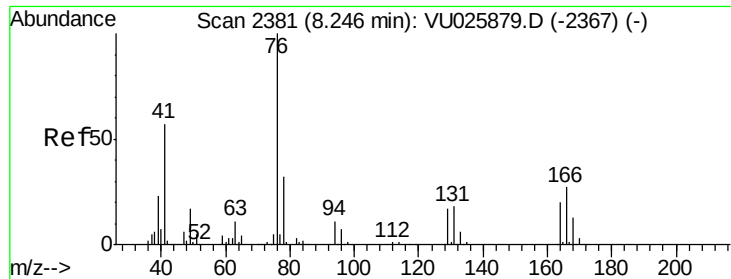
#56
 Ethyl methacrylate
 Concen: 107.080 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion:	69	Resp:	351430
Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.8	82.2
39	35.4	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

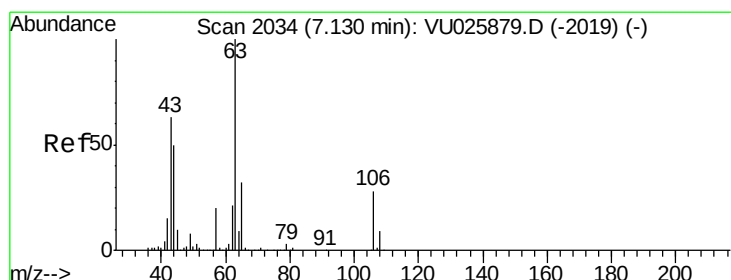
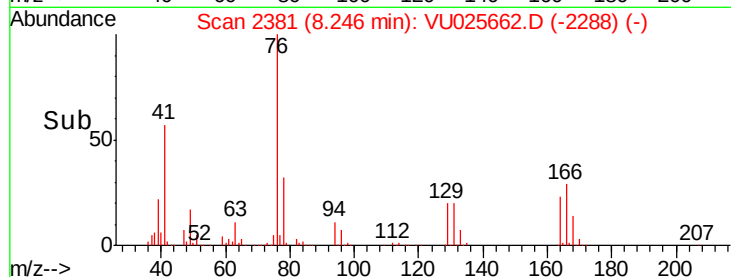
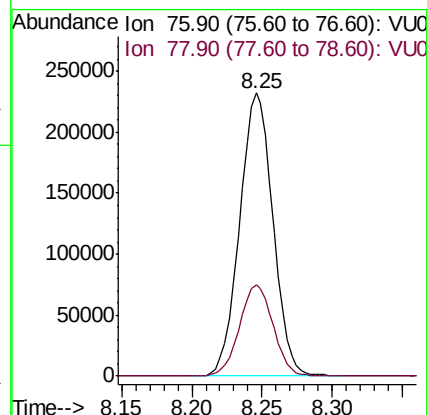
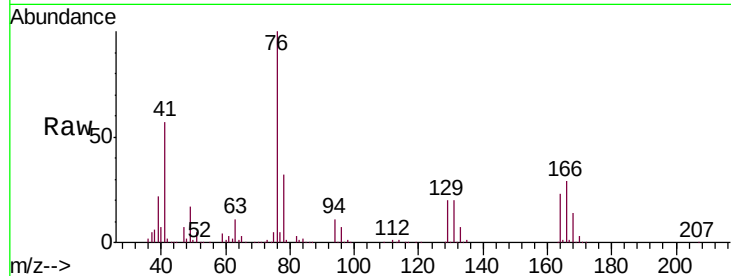




#57
 1,3-Dichloropropane
 Concen: 99.455 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

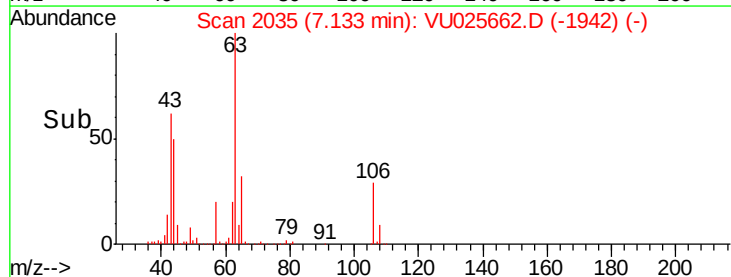
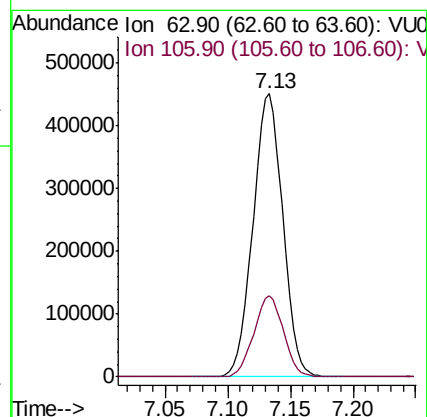
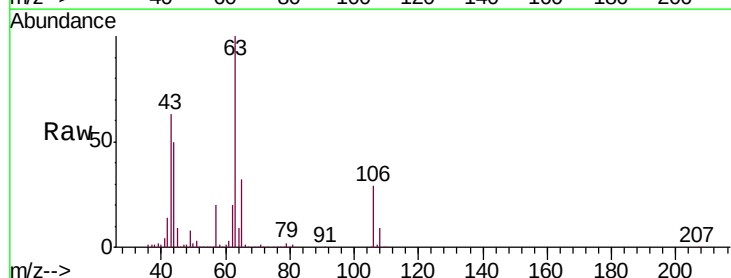
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

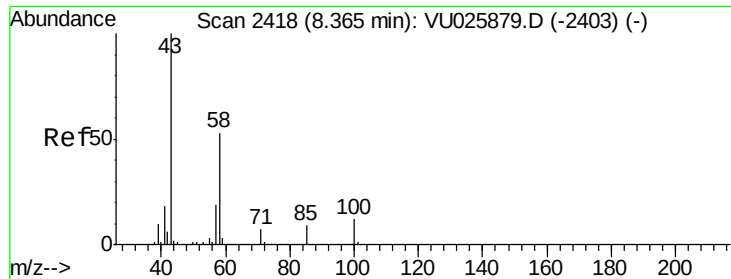
Tgt Ion: 76 Resp: 384182
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 495.680 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion: 63 Resp: 747305
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.3 33.5

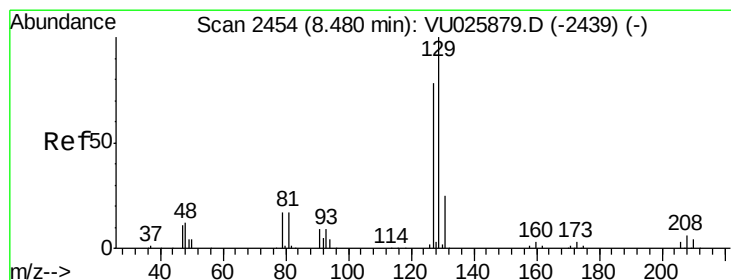
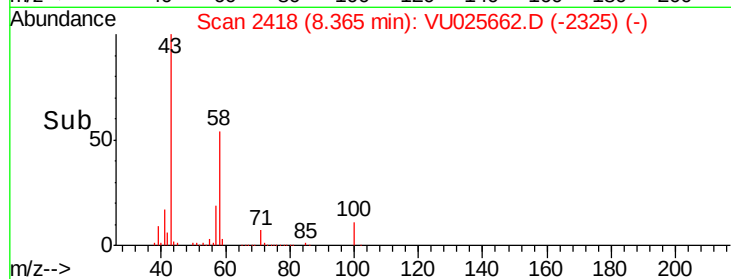
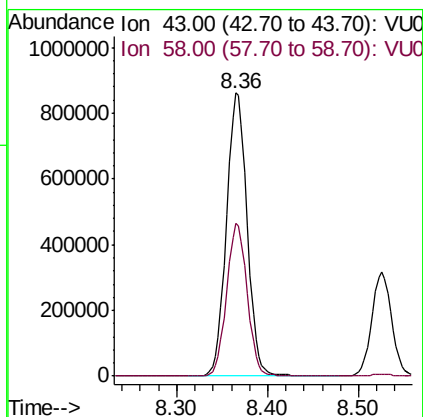
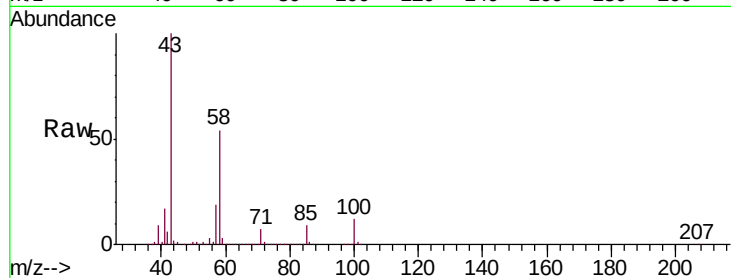




#59
2-Hexanone
Concen: 532.518 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

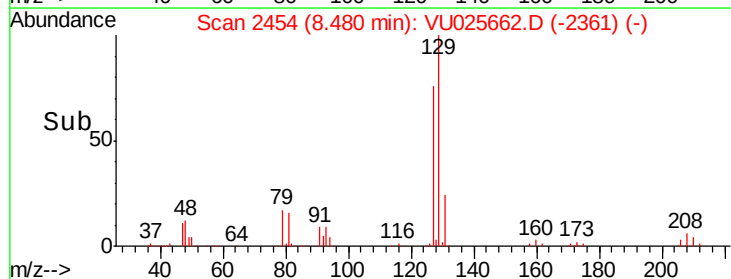
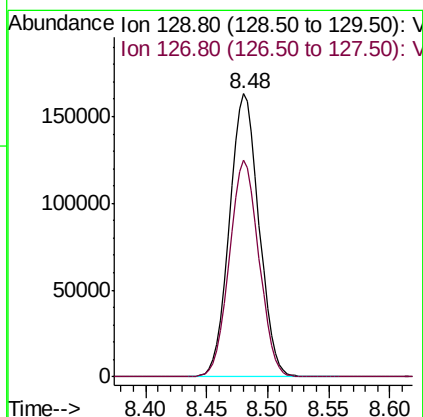
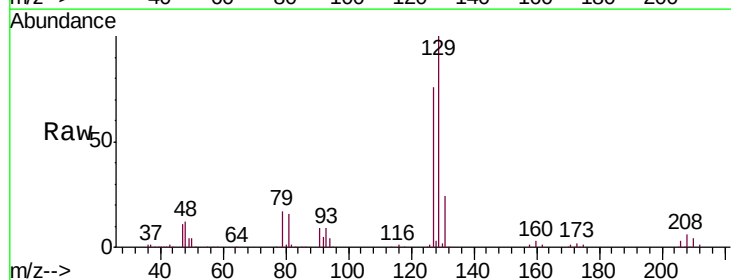
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

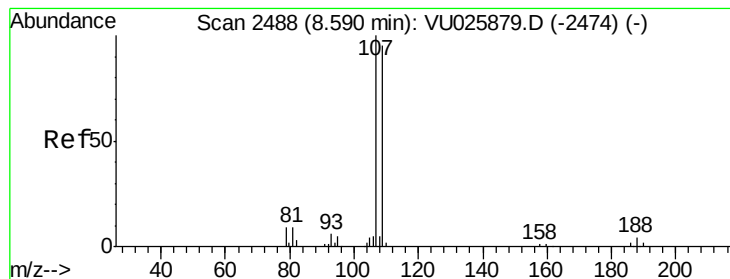
Tgt Ion: 43 Resp: 1362944
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 101.574 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 129 Resp: 275138
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 101.385 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

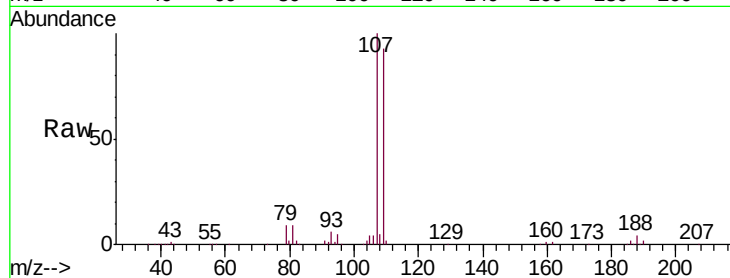
VSTDIC100

Tgt Ion: 107 Resp: 258995

Ion Ratio Lower Upper

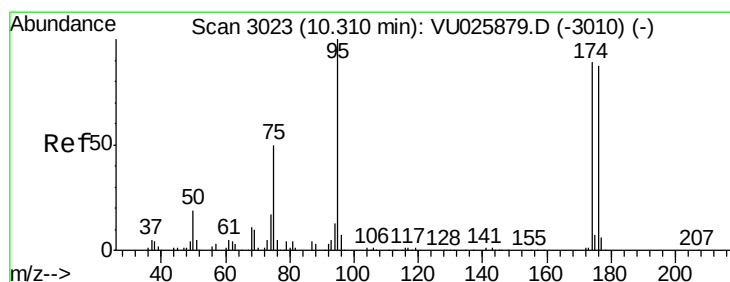
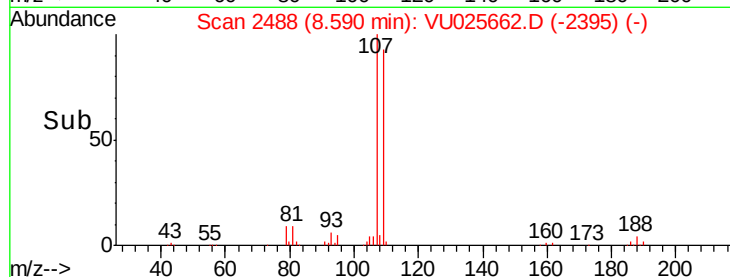
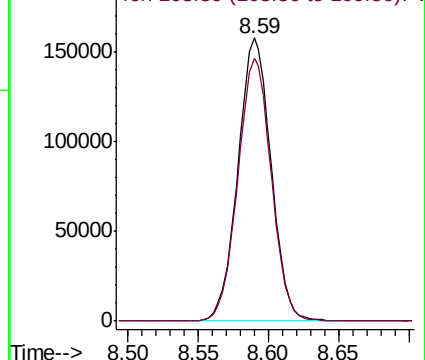
107 100

109 93.8 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: 102.718 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

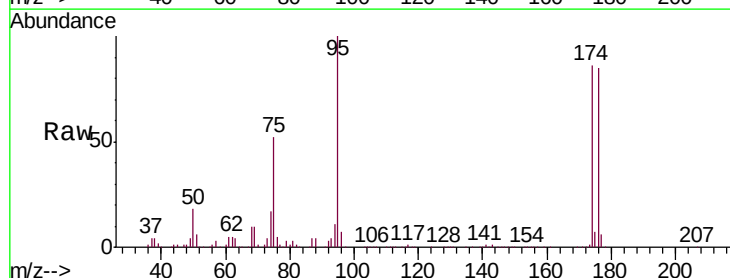
Tgt Ion: 95 Resp: 316034

Ion Ratio Lower Upper

95 100

174 87.4 0.0 172.2

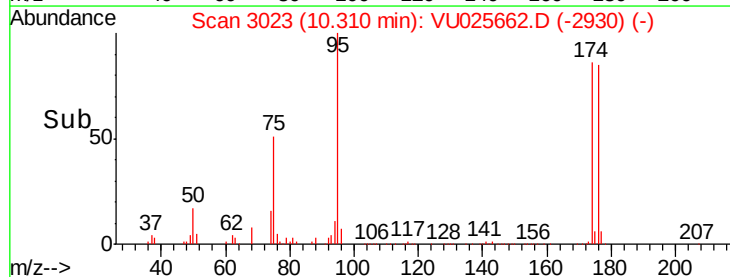
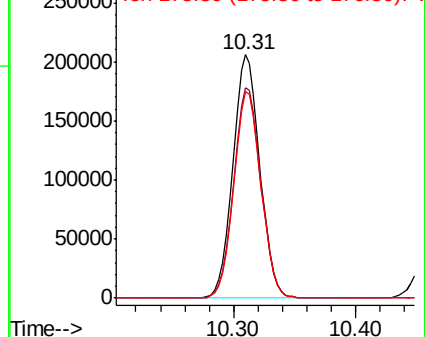
176 85.3 0.0 162.6

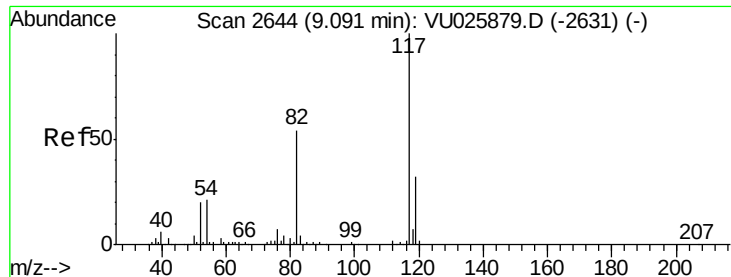


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

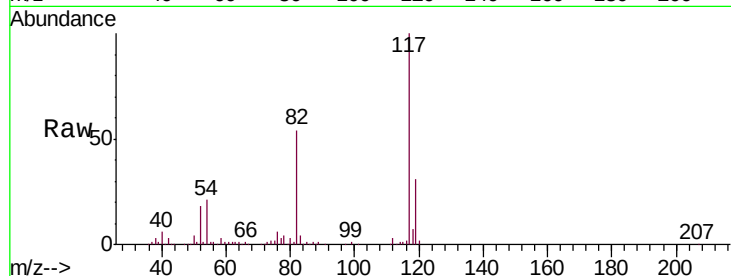




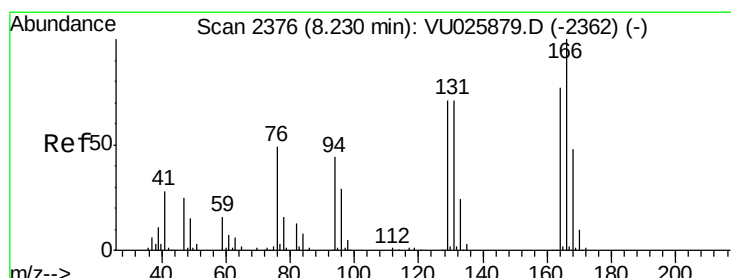
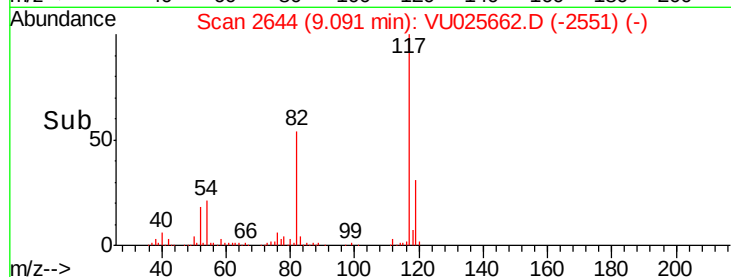
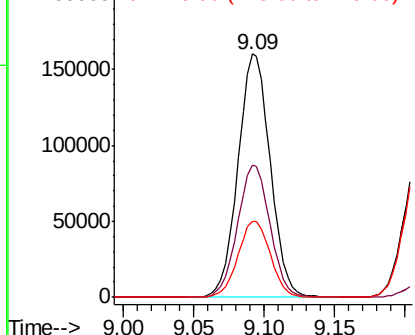
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 257199
Ion Ratio Lower Upper
117 100
82 54.2 46.0 69.0
119 31.4 26.0 39.0

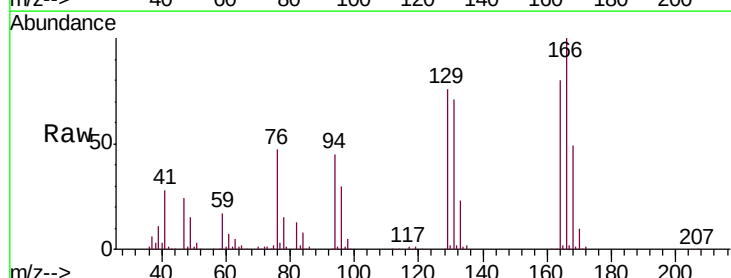


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

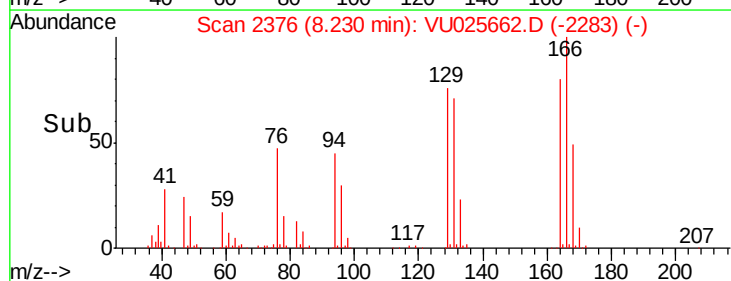
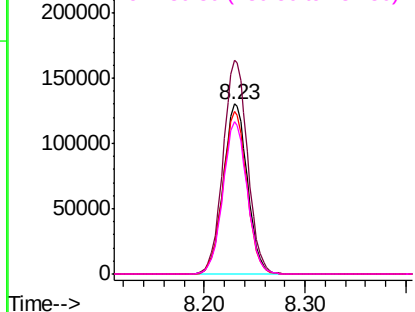


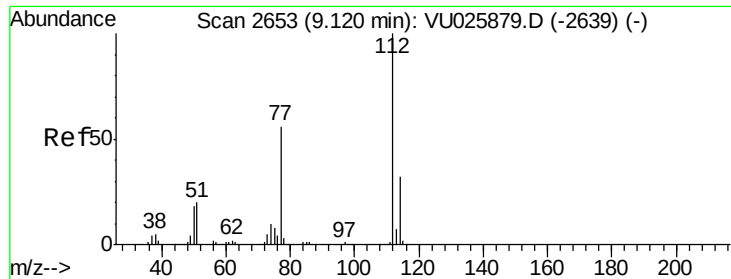
#64
Tetrachloroethene
Concen: 96.565 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion:164 Resp: 218610
Ion Ratio Lower Upper
164 100
166 125.7 101.1 151.7
129 95.6 73.0 109.6
131 89.4 72.1 108.1



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

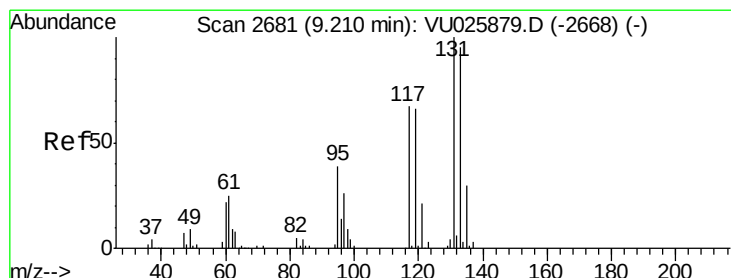
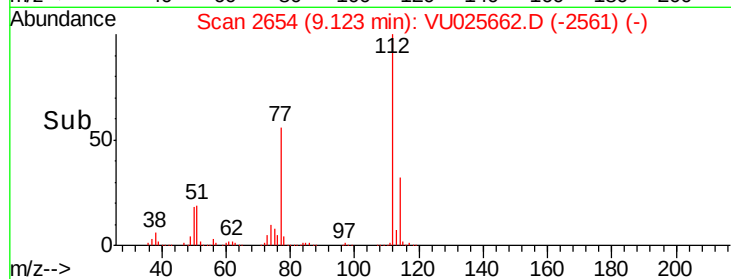
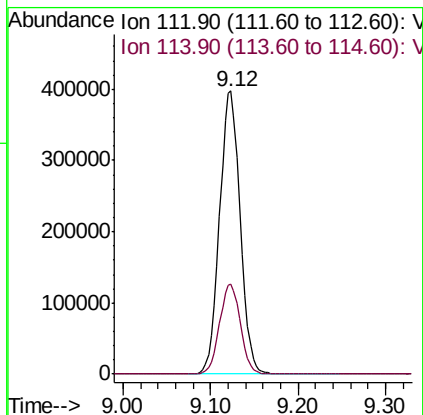
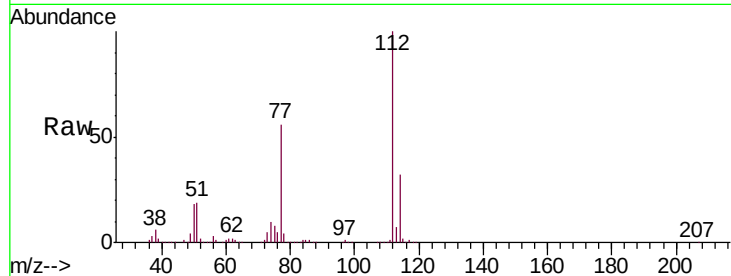




#65
Chlorobenzene
Concen: 97.696 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

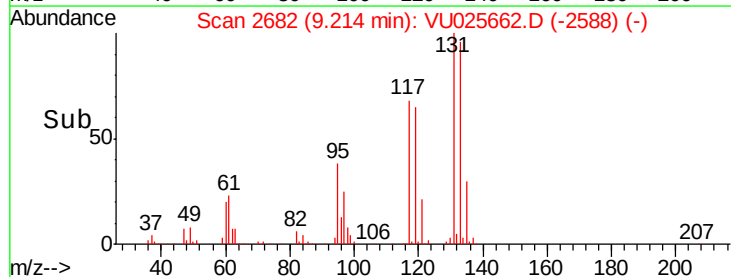
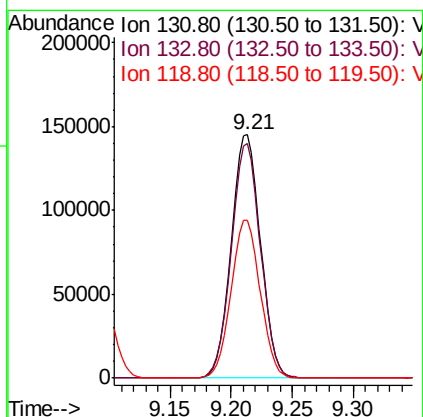
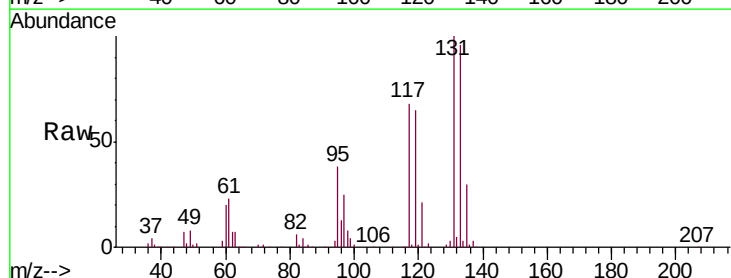
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

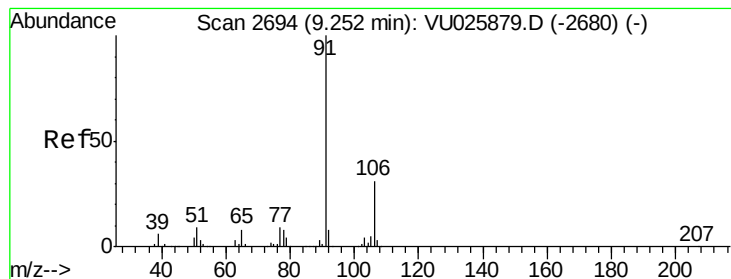
Tgt Ion:112 Resp: 647837
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 101.000 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion:131 Resp: 242284
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 64.9 31.6 95.0





#67

Ethyl Benzene

Concen: 100.420 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

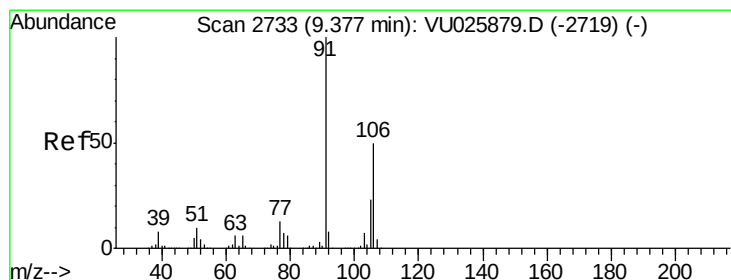
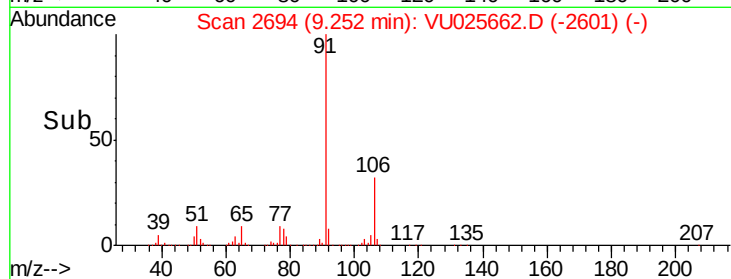
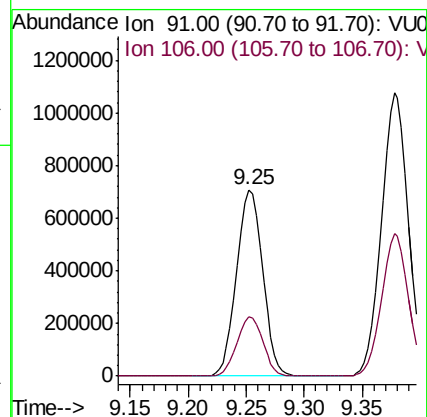
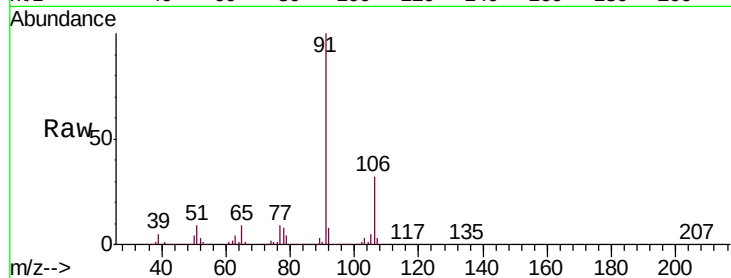
VSTDIC100

Tgt Ion: 91 Resp: 1103038

Ion Ratio Lower Upper

91 100

106 32.0 25.3 37.9



#68

m/p-Xylenes

Concen: 207.556 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025662.D

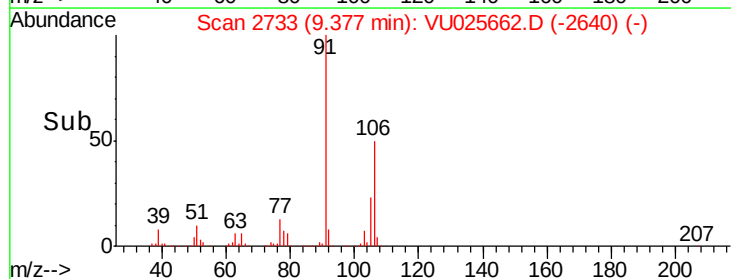
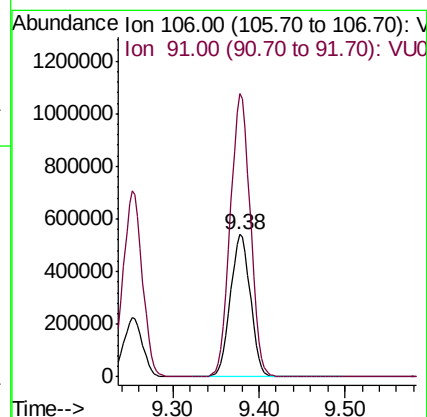
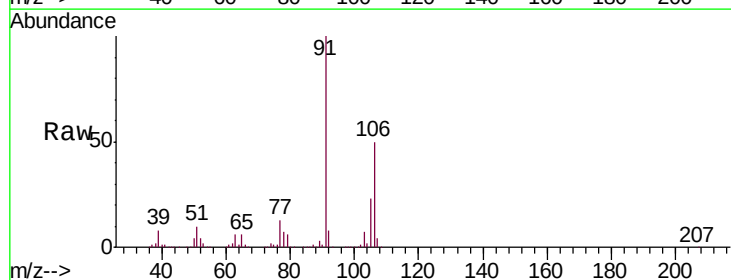
Acq: 27 Jul 2018 11:28

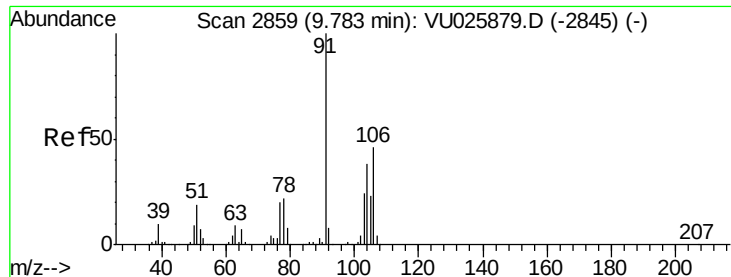
Tgt Ion: 106 Resp: 875274

Ion Ratio Lower Upper

106 100

91 199.1 162.3 243.5

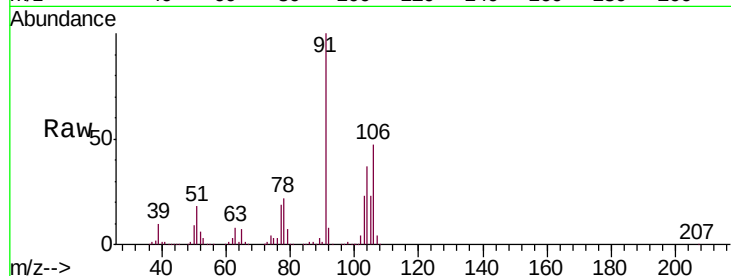




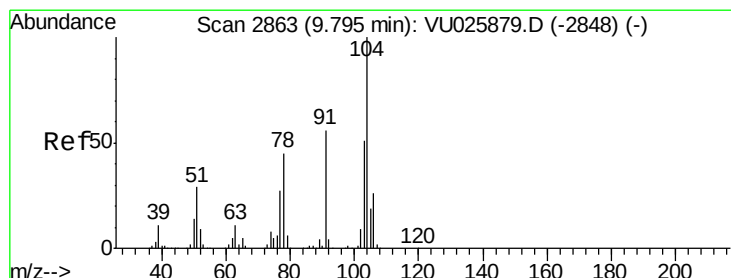
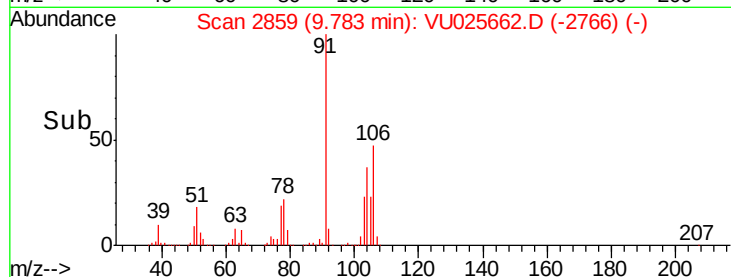
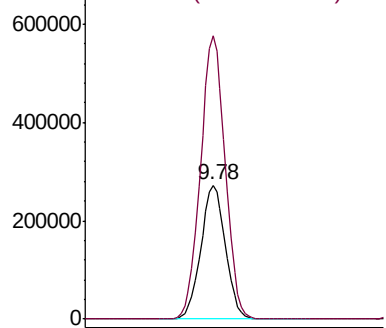
#69
o-Xylene
Concen: 101.907 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 420004
Ion Ratio Lower Upper
106 100
91 212.7 105.3 315.8

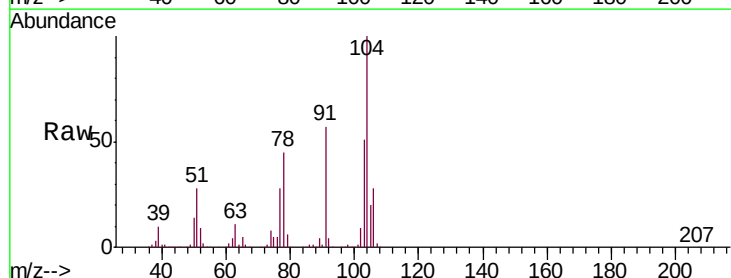


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

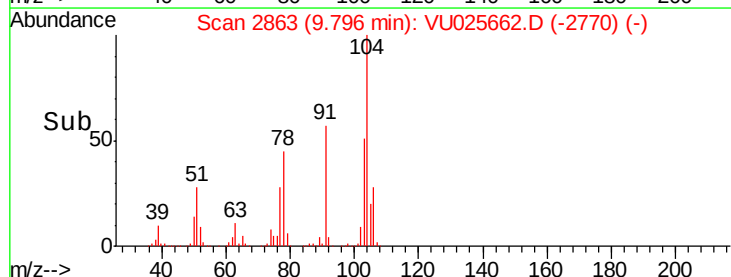
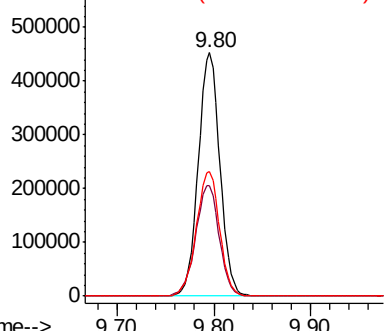


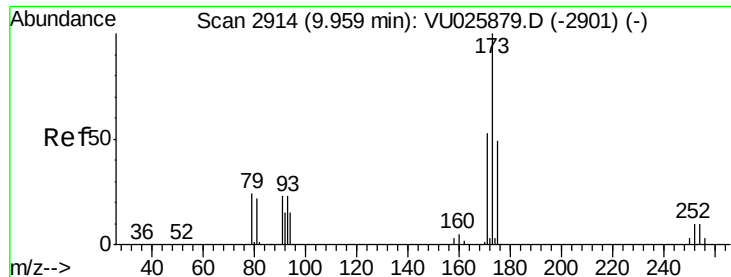
#70
Styrene
Concen: 105.405 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion:104 Resp: 701705
Ion Ratio Lower Upper
104 100
78 49.8 41.6 62.4
103 54.9 44.6 66.8



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





#71

Bromoform

Concen: 107.715 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

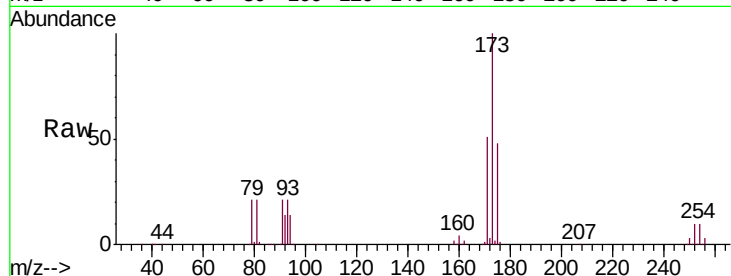
Tgt Ion:173 Resp: 224051

Ion Ratio Lower Upper

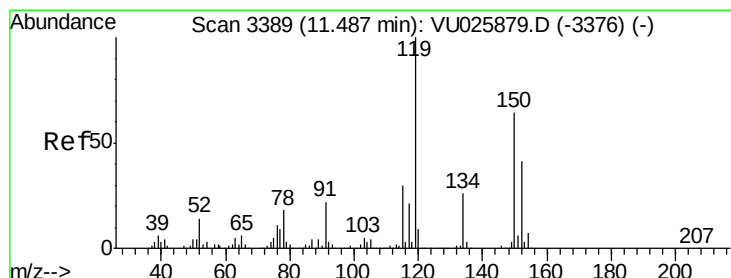
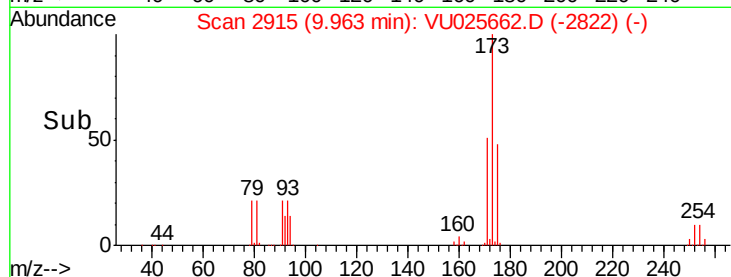
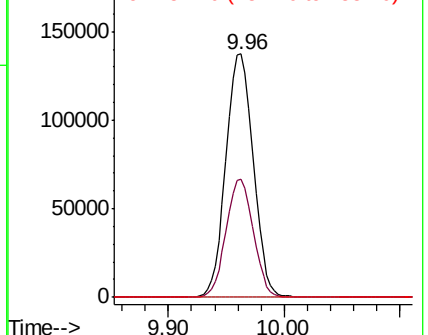
173 100

175 48.2 24.0 72.0

254 0.1 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: VU025662.D

Acq: 27 Jul 2018 11:28

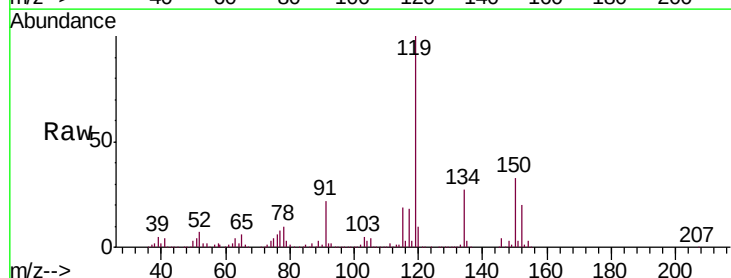
Tgt Ion:152 Resp: 167660

Ion Ratio Lower Upper

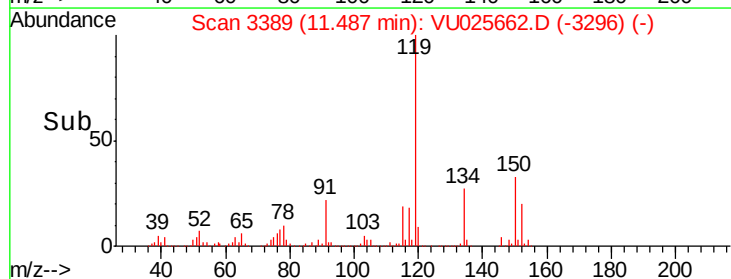
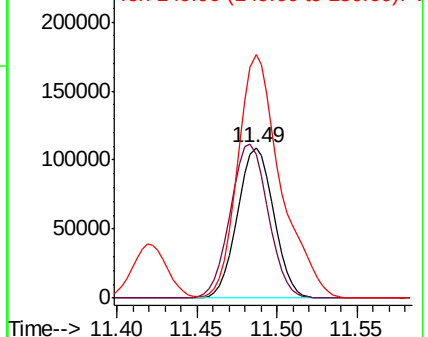
152 100

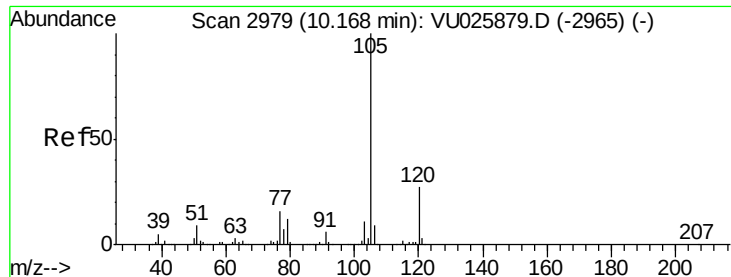
115 107.2 40.1 120.3

150 192.5 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: 99.768 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

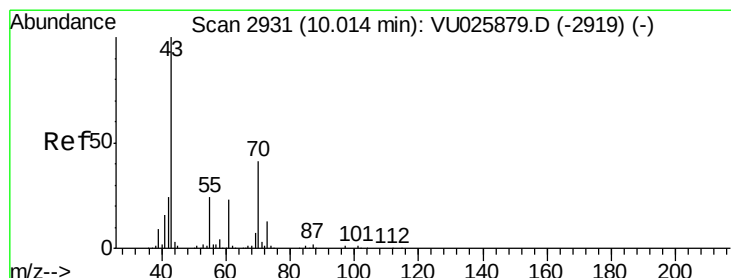
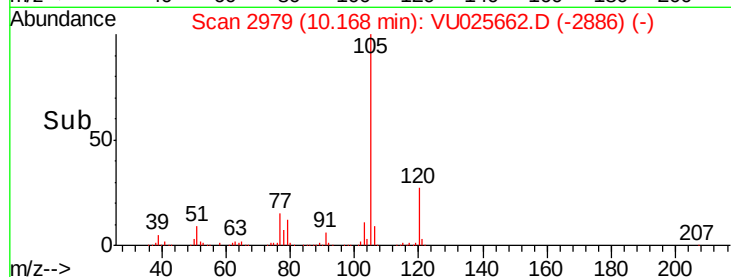
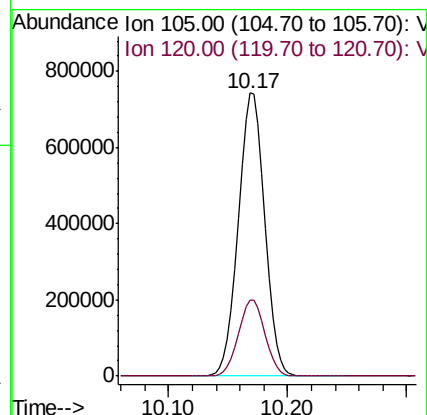
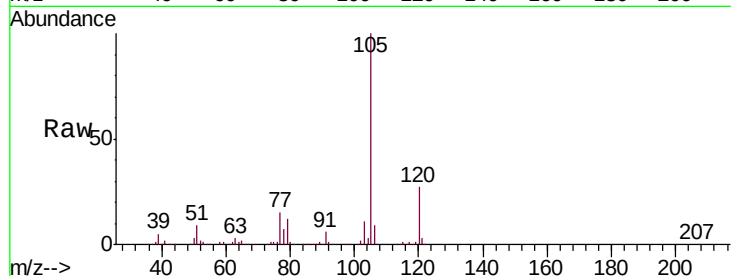
VSTDIC100

Tgt Ion: 105 Resp: 1141659

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 106.201 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Tgt Ion: 43 Resp: 496124

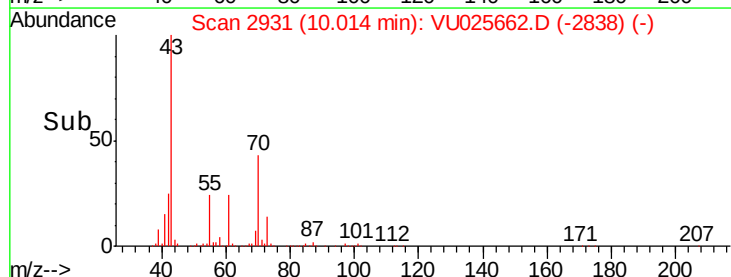
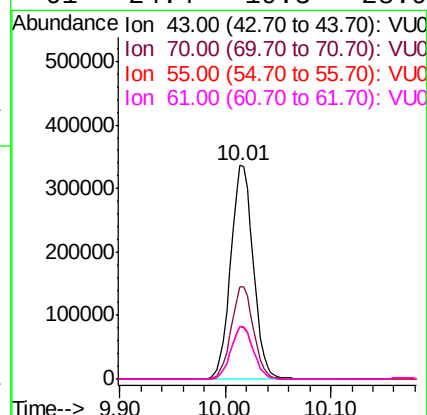
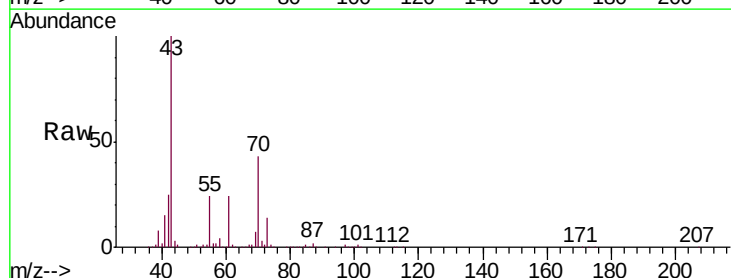
Ion Ratio Lower Upper

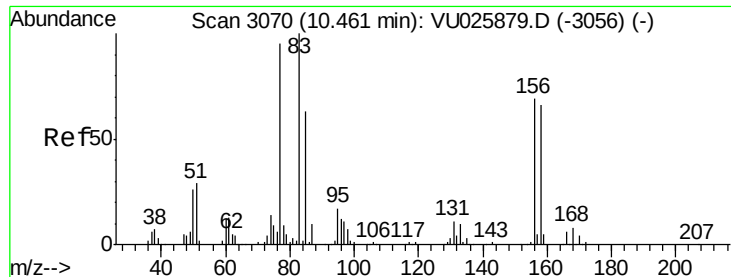
43 100

70 42.8 33.4 50.2

55 24.4 19.0 28.6

61 24.4 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 98.231 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

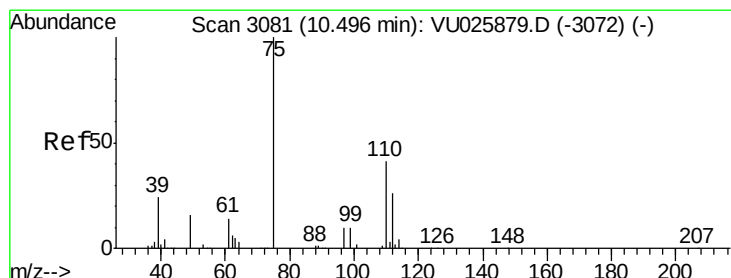
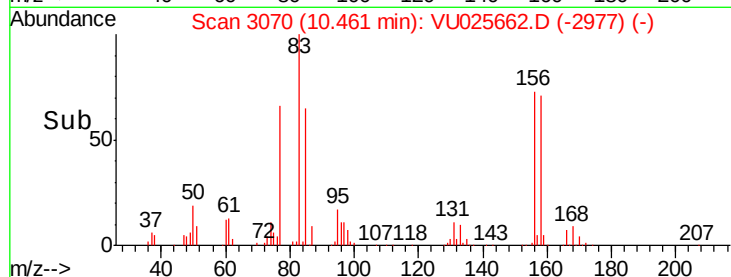
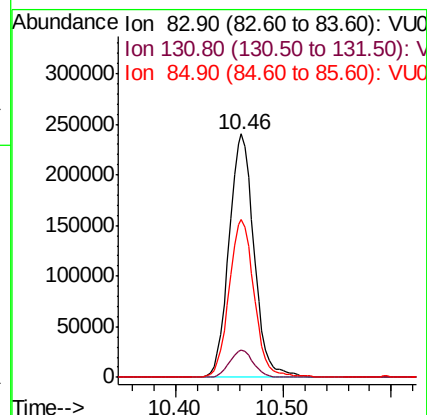
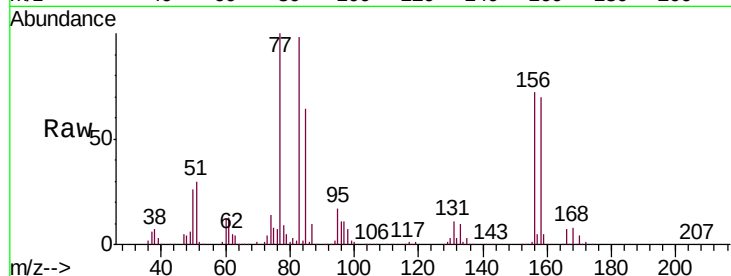
Tgt Ion: 83 Resp: 388719

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

85 65.3 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 127.398 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025662.D

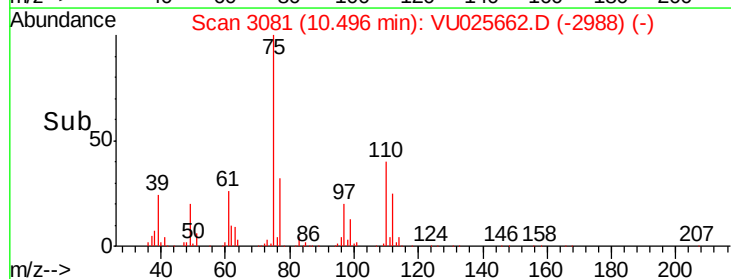
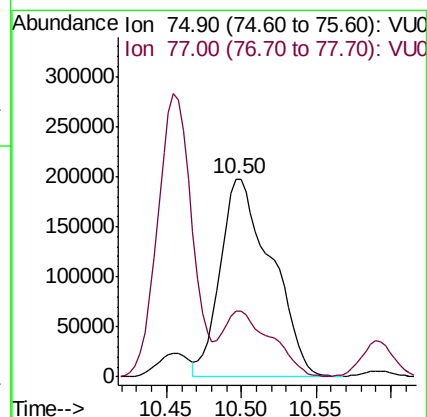
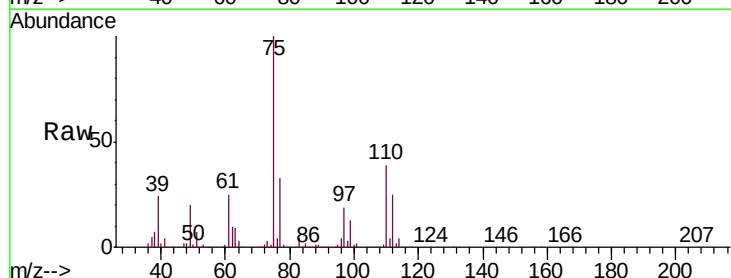
Acq: 27 Jul 2018 11:28

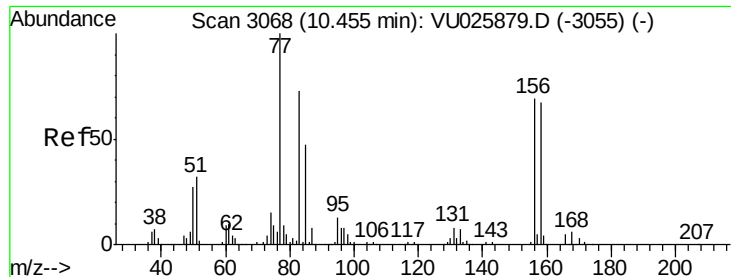
Tgt Ion: 75 Resp: 470620

Ion Ratio Lower Upper

75 100

77 30.3 20.4 61.3





#77

Bromobenzene

Concen: 98.036 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

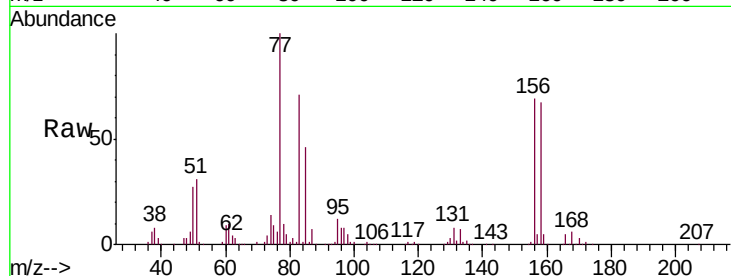
Tgt Ion:156 Resp: 309434

Ion Ratio Lower Upper

156 100

77 145.2 73.8 221.4

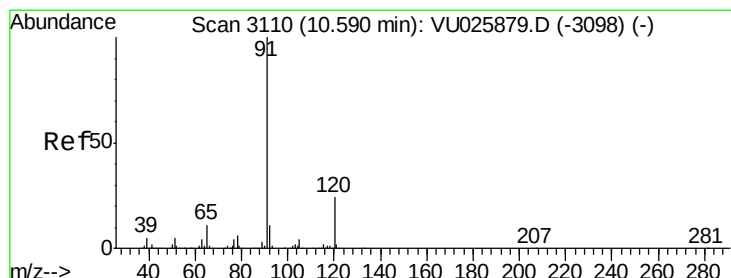
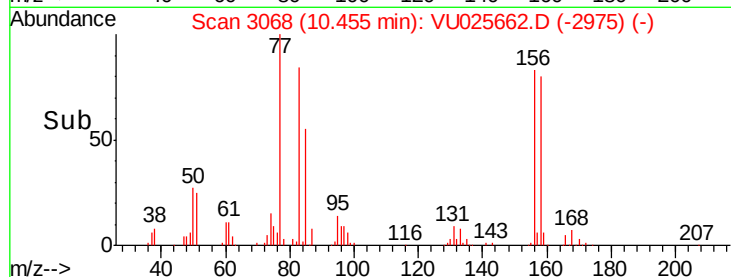
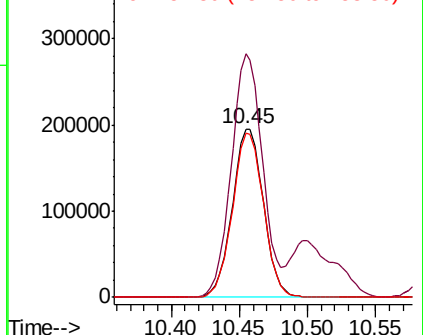
158 97.5 48.0 144.0



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: 101.098 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025662.D

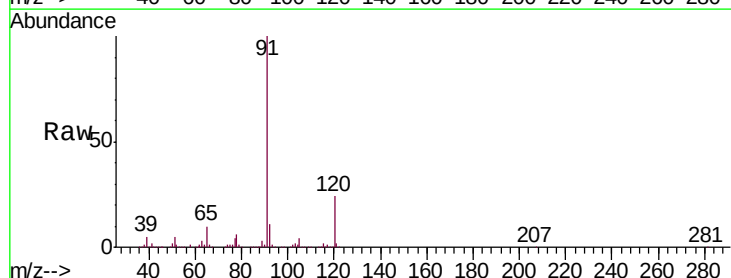
Acq: 27 Jul 2018 11:28

Tgt Ion: 91 Resp: 1350272

Ion Ratio Lower Upper

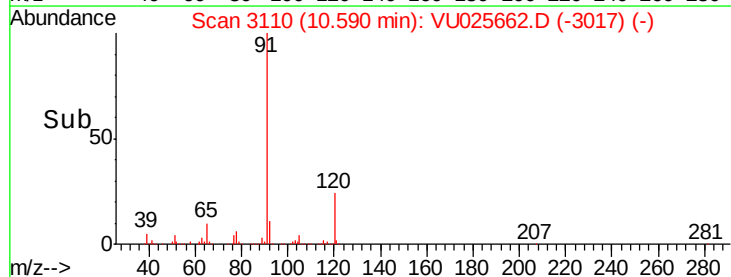
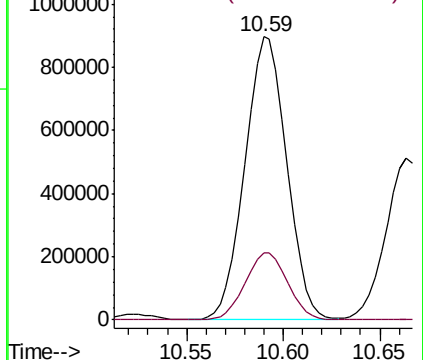
91 100

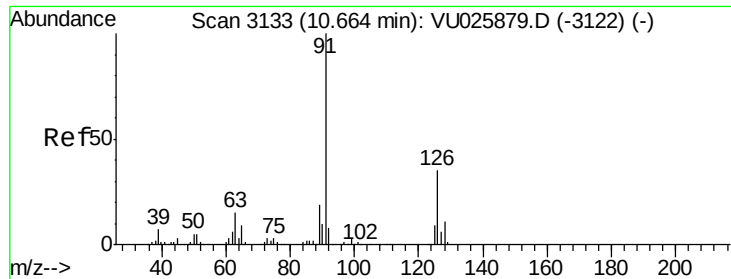
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 100.127 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

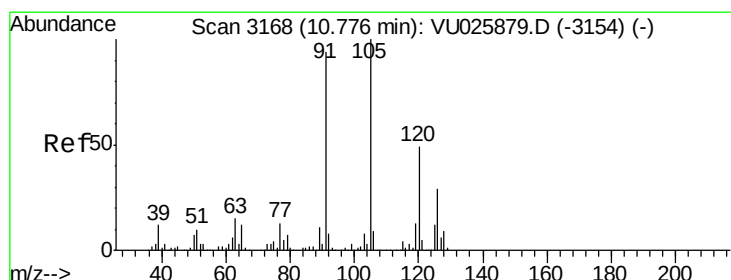
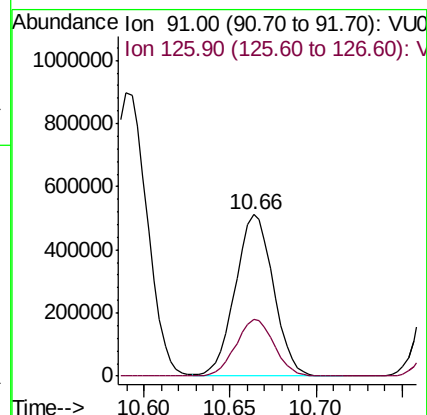
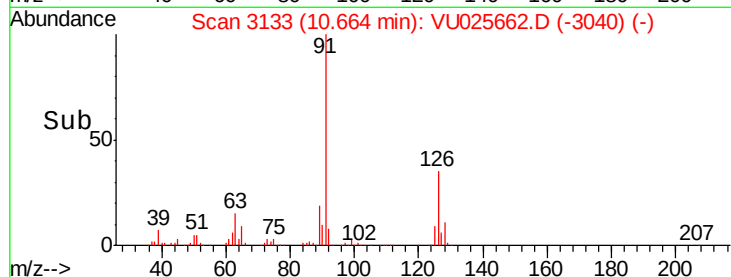
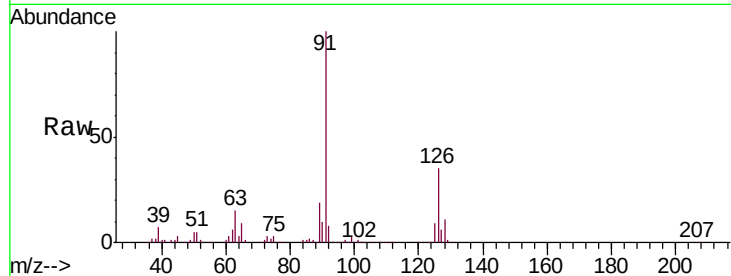
VSTDIC100

Tgt Ion: 91 Resp: 783290

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 101.827 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025662.D

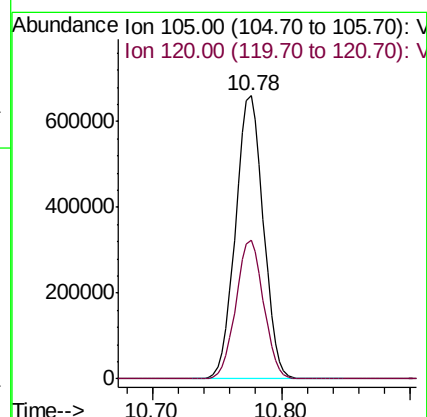
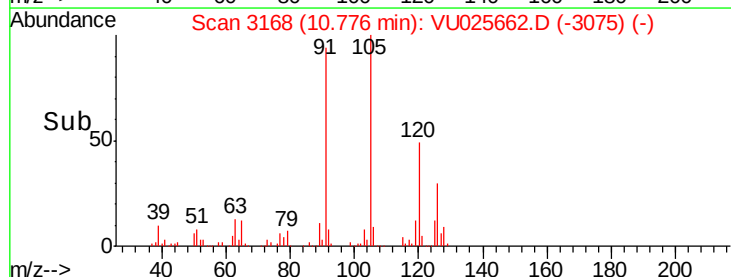
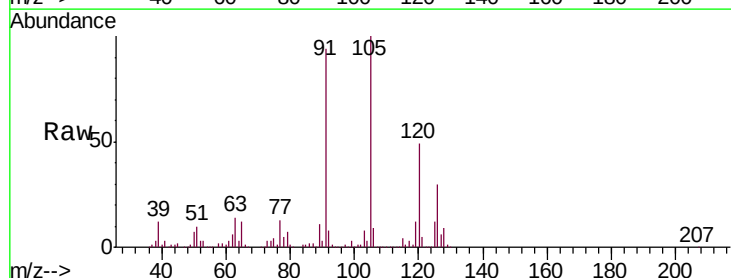
Acq: 27 Jul 2018 11:28

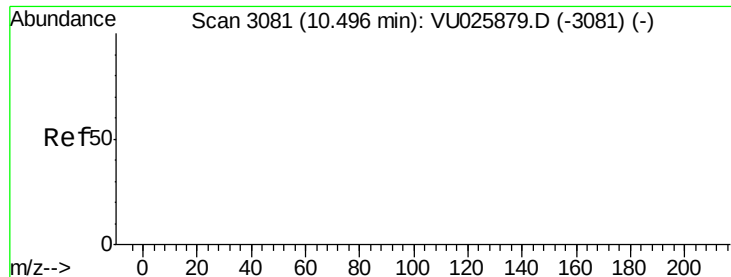
Tgt Ion: 105 Resp: 989590

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2

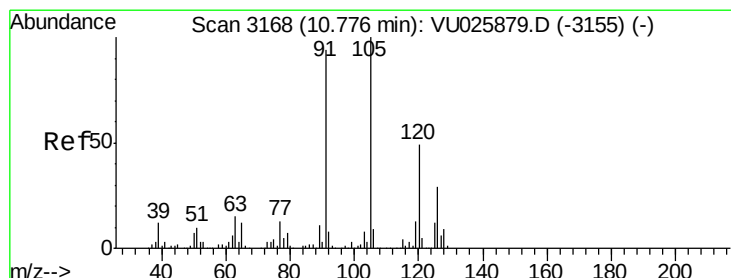
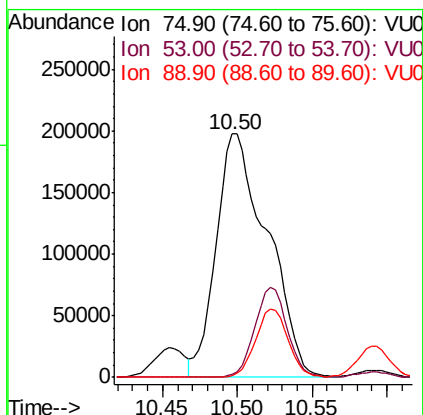
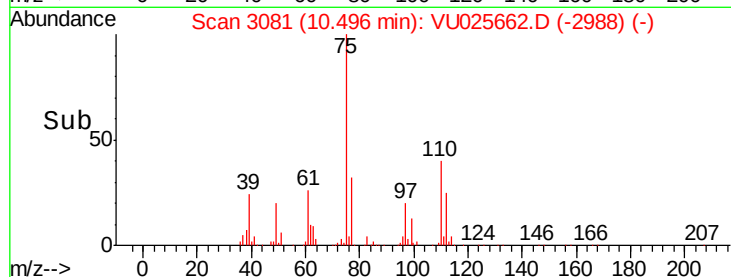
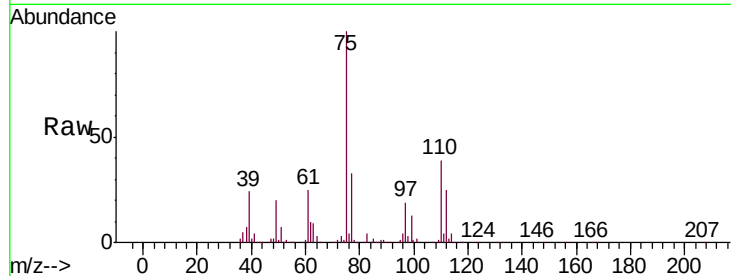




#81
trans-1,4-Dichloro-2-butene
Concen: 319.450 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

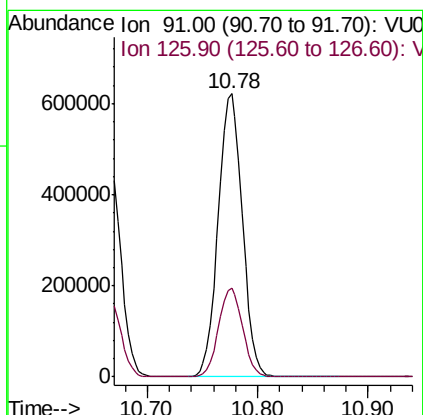
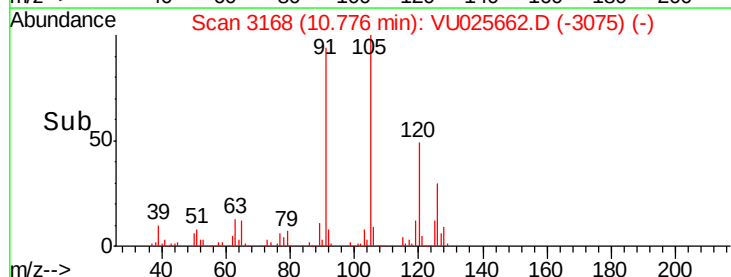
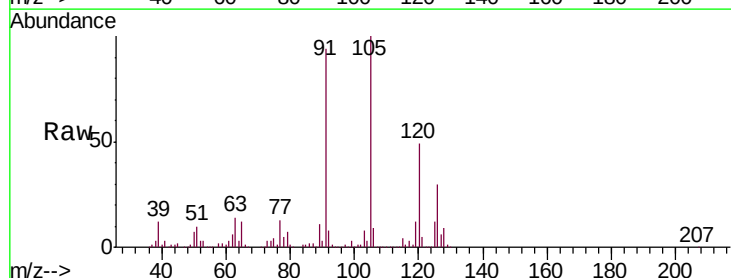
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

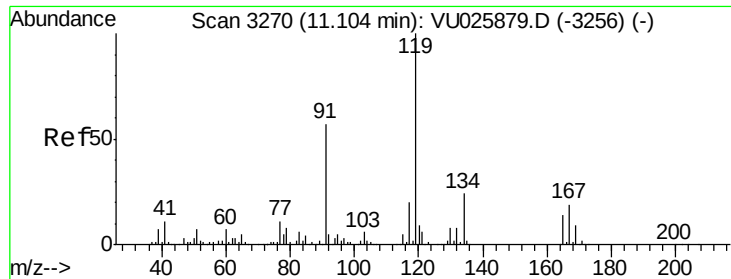
Tgt Ion: 75 Resp: 470620
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 102.172 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 91 Resp: 942176
Ion Ratio Lower Upper
91 100
126 31.2 15.3 45.9

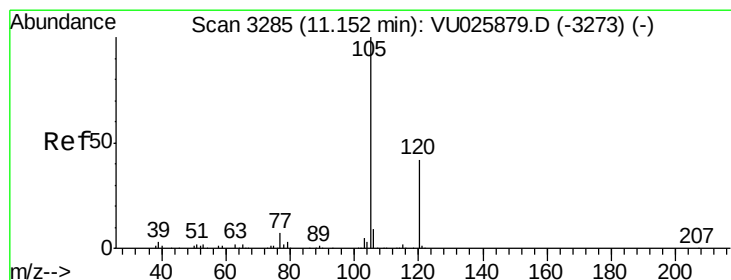
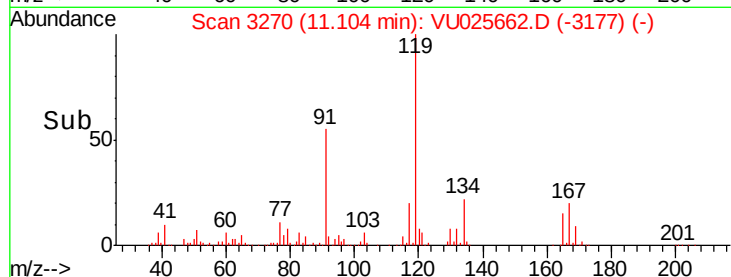
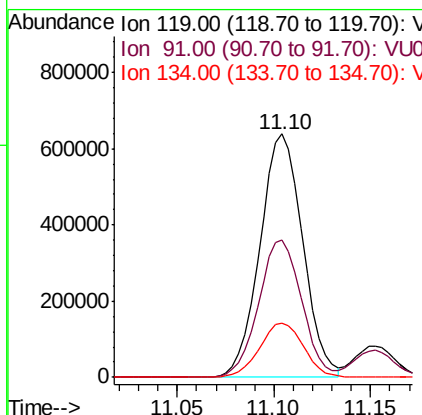
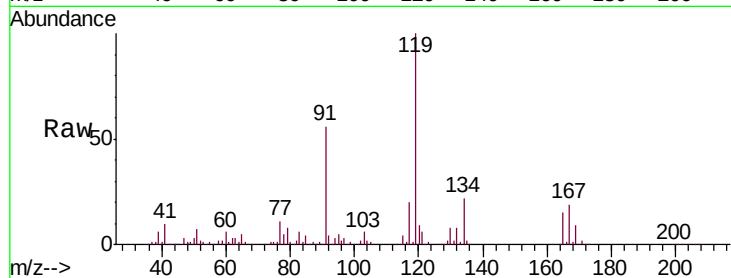




#83
 tert-Butylbenzene
 Concen: 101.790 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

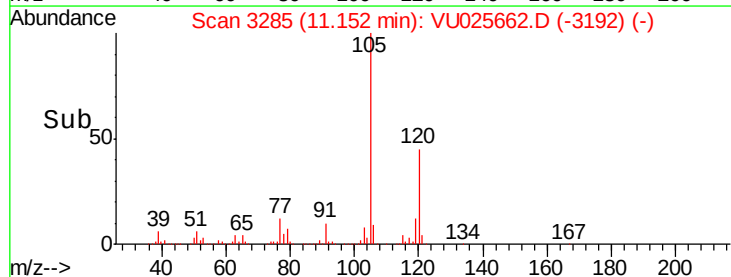
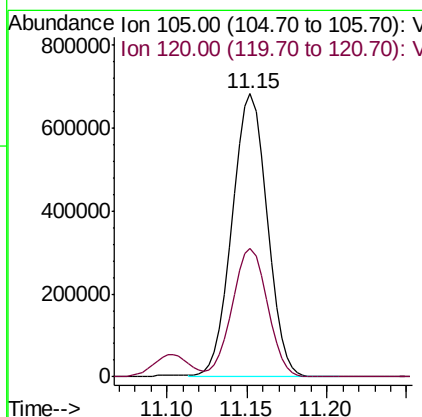
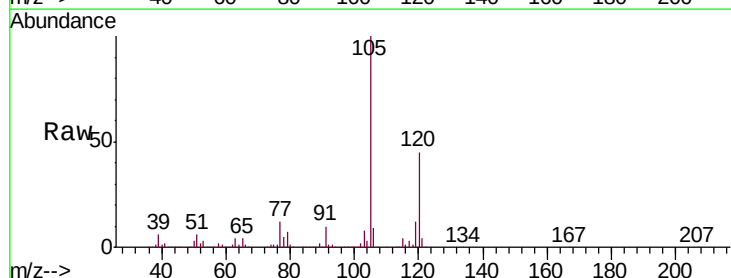
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

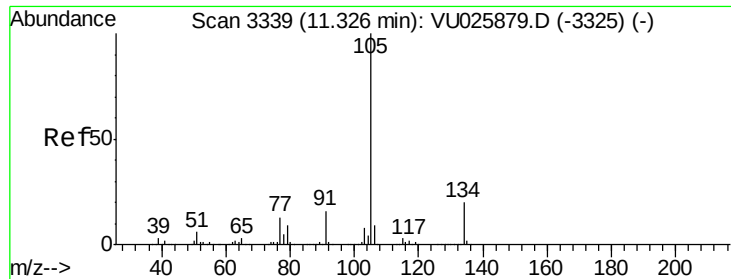
Tgt Ion:119 Resp: 982868
 Ion Ratio Lower Upper
 119 100
 91 56.8 29.7 89.1
 134 22.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 103.347 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion:105 Resp: 1017780
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 102.203 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

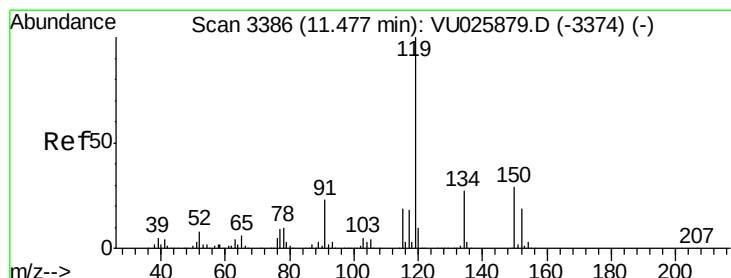
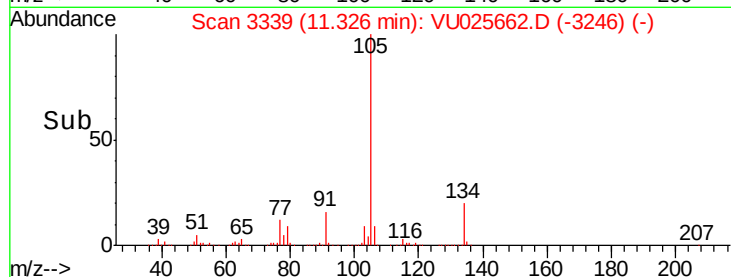
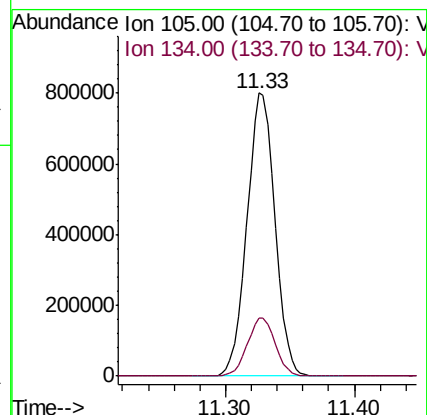
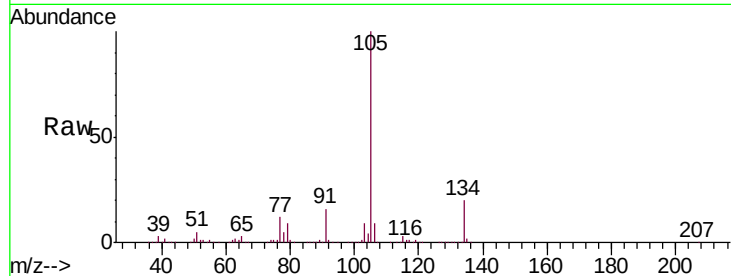
VSTDIC100

Tgt Ion:105 Resp: 1204869

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 103.614 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025662.D

Acq: 27 Jul 2018 11:28

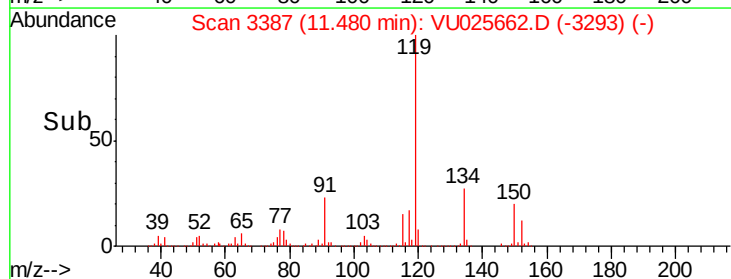
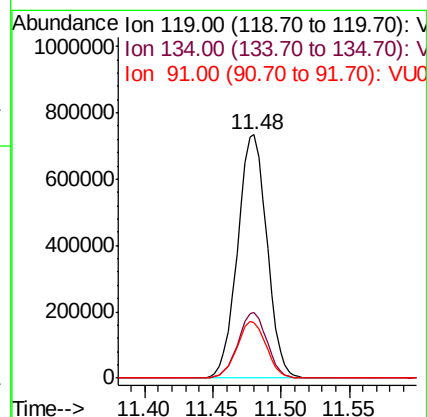
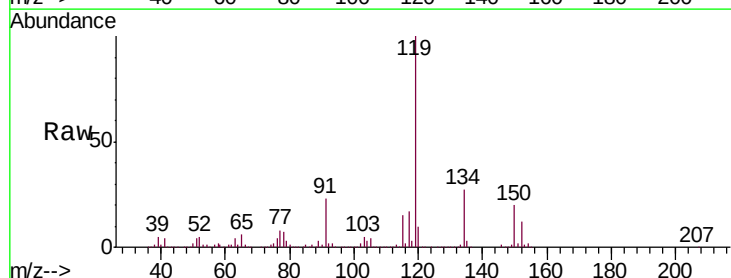
Tgt Ion:119 Resp: 1093772

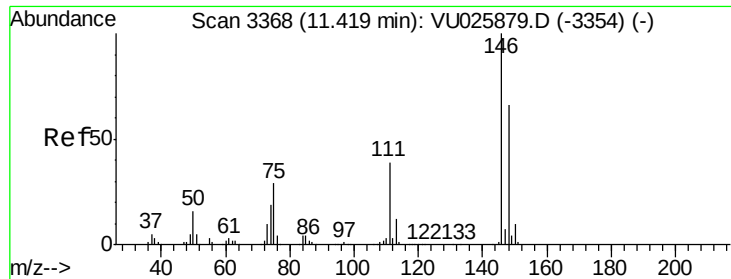
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 23.2 12.0 36.1

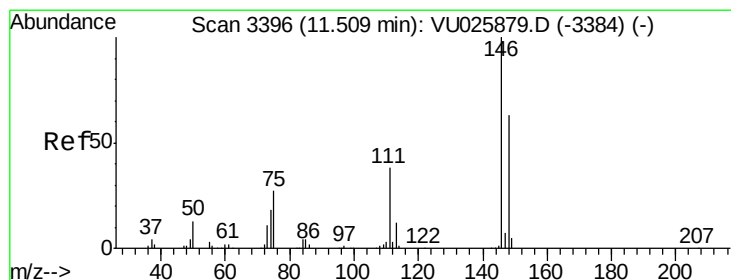
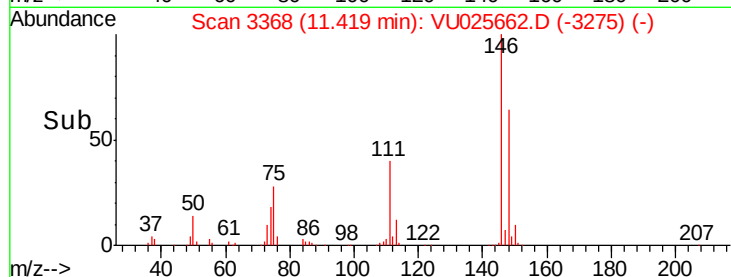
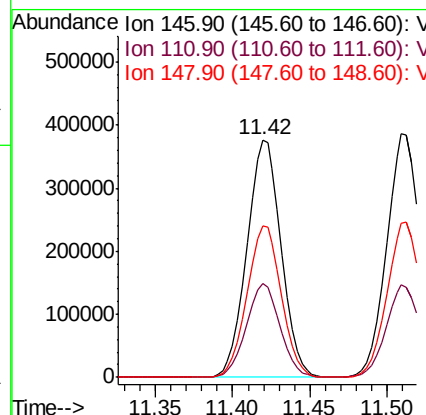
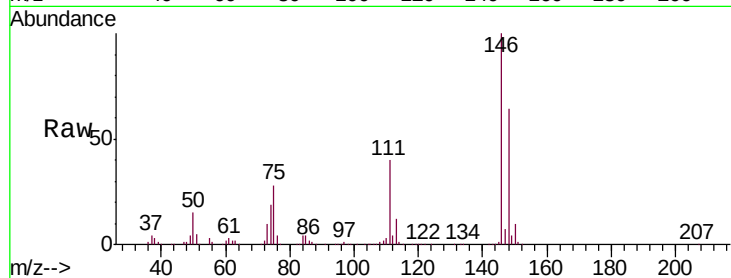




#87
 1,3-Dichlorobenzene
 Concen: 98.766 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

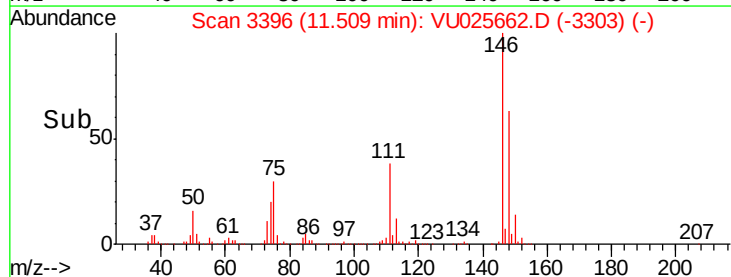
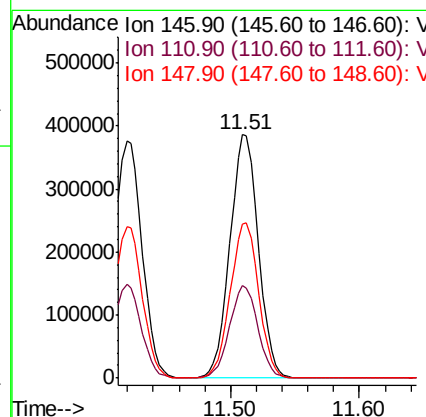
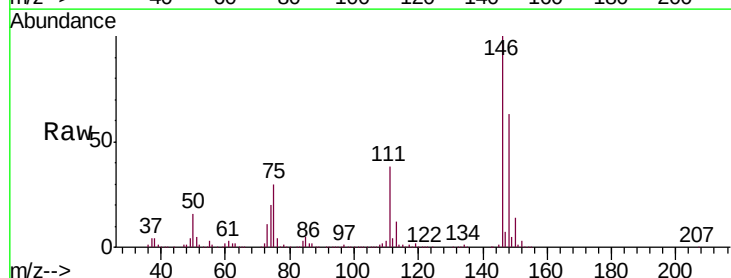
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

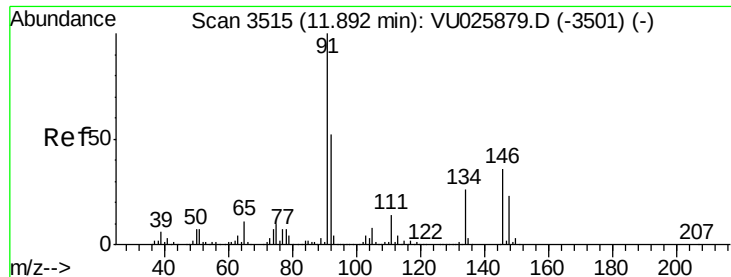
Tgt Ion:146 Resp: 578637
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.7 59.1
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 96.236 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion:146 Resp: 587726
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.1
 148 64.1 31.7 95.1

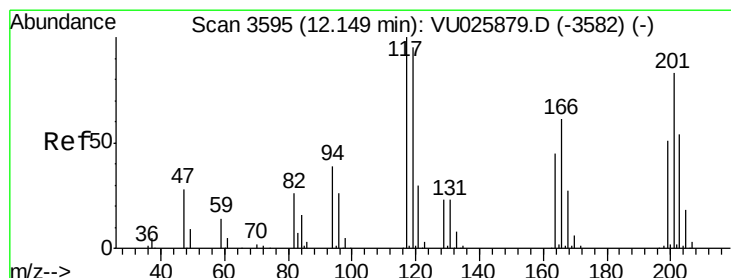
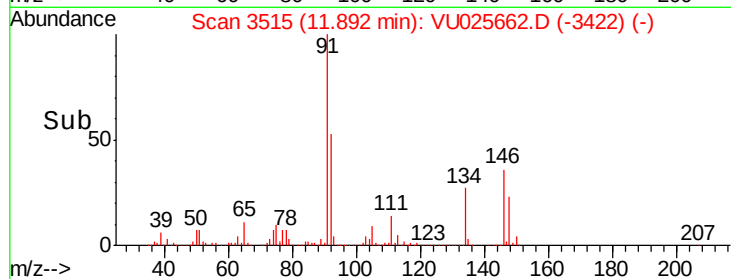
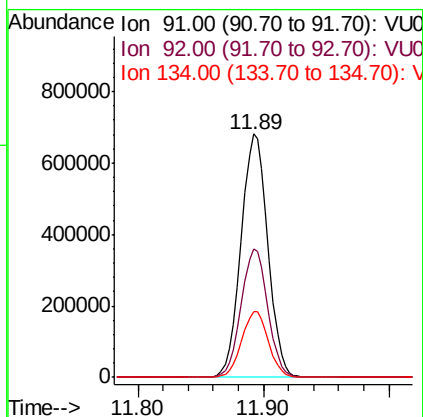
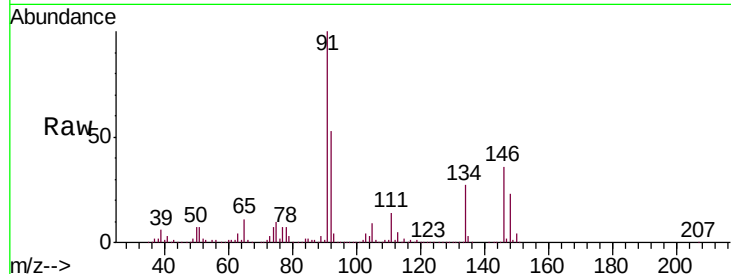




#89
n-Butylbenzene
Concen: 103.735 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

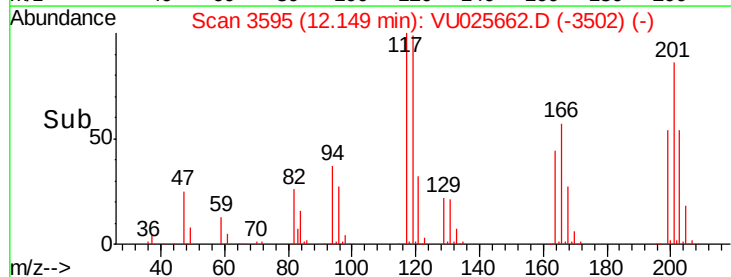
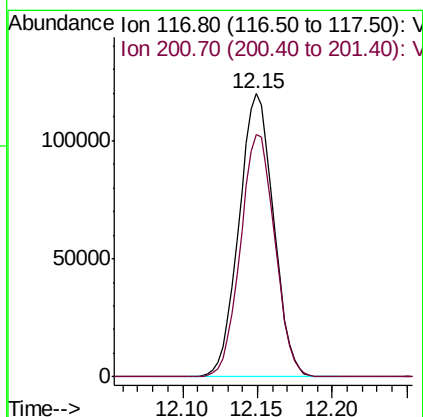
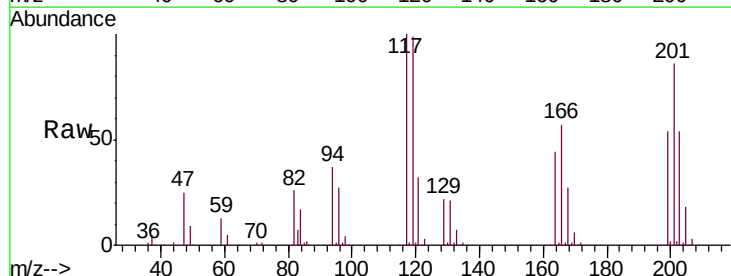
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

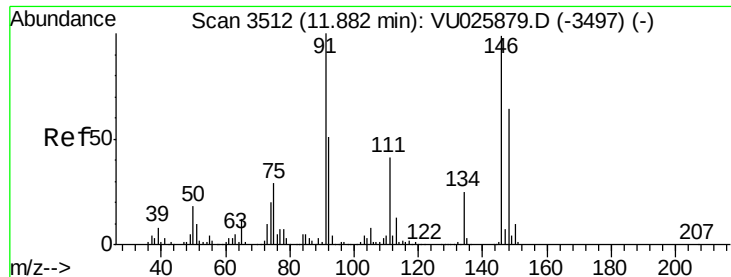
Tgt Ion: 91 Resp: 1010509
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 102.845 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 117 Resp: 193024
Ion Ratio Lower Upper
117 100
201 85.1 42.5 127.6

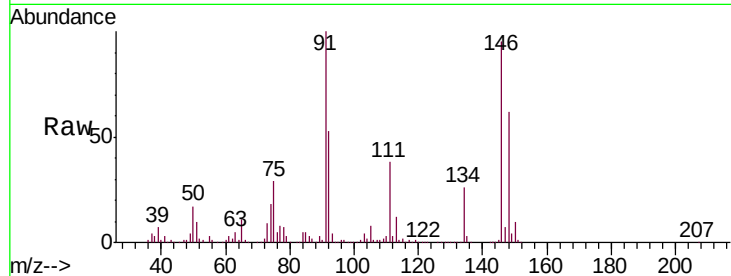




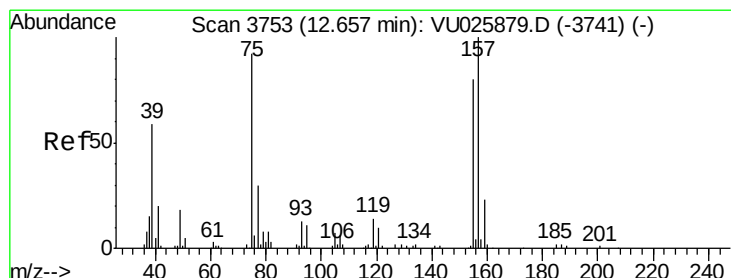
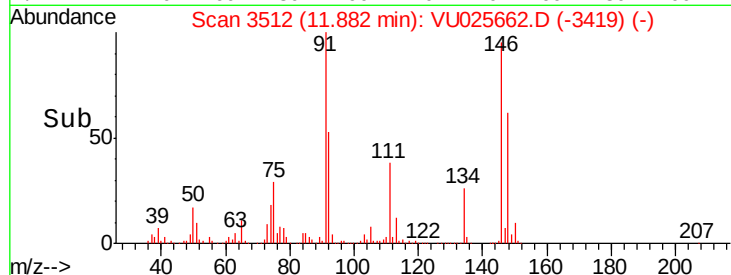
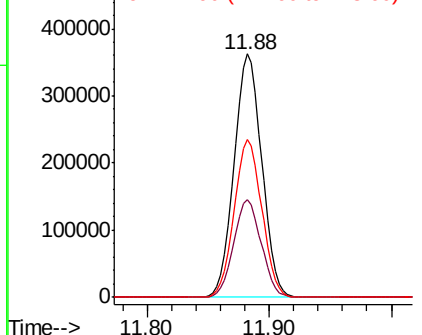
#91
1,2-Dichlorobenzene
Concen: 99.430 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 146 Resp: 570991
Ion Ratio Lower Upper
146 100
111 40.0 20.6 61.8
148 64.7 31.5 94.5

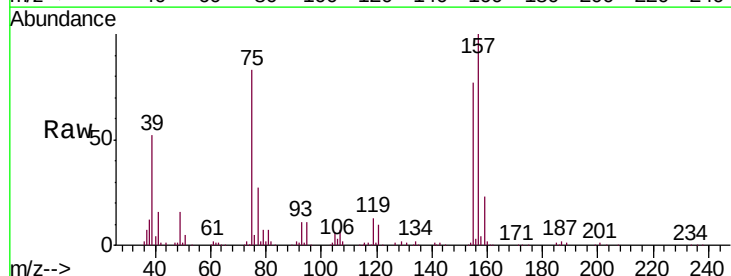


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

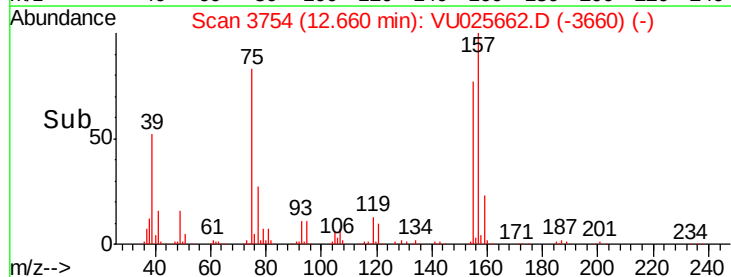
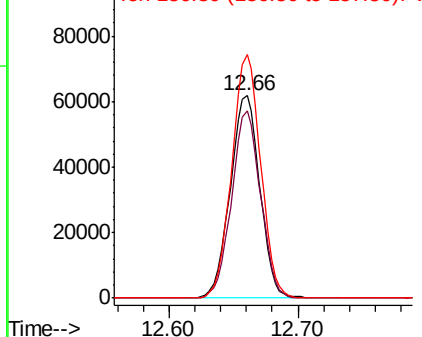


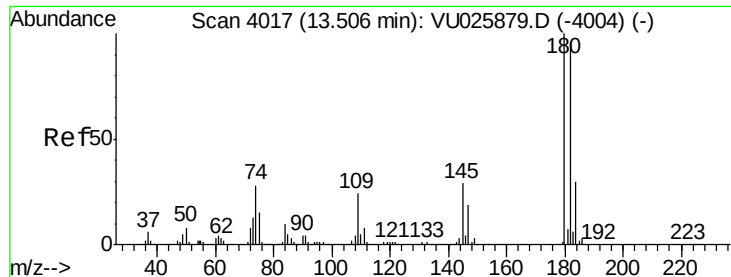
#92
1,2-Dibromo-3-Chloropropane
Concen: 104.868 ug/l
RT: 12.66 min Scan# 3754
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion: 75 Resp: 98381
Ion Ratio Lower Upper
75 100
155 90.4 44.5 133.3
157 117.5 57.0 170.8



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

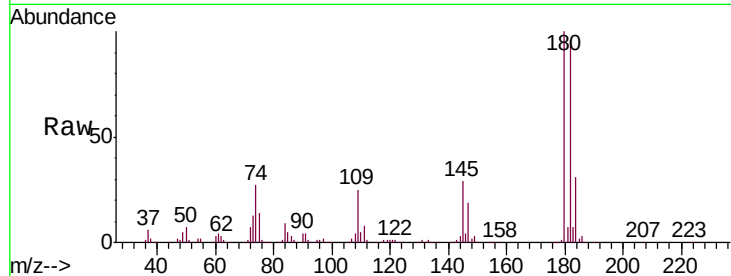




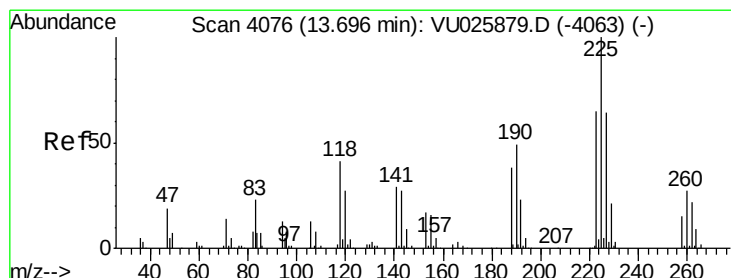
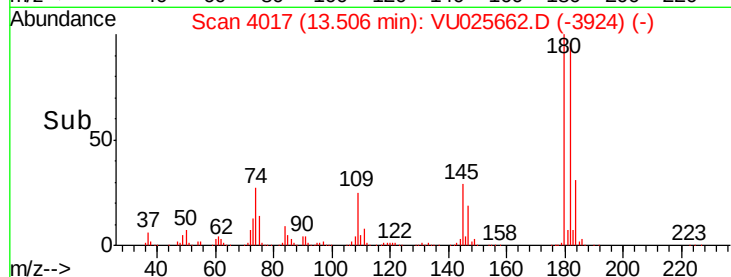
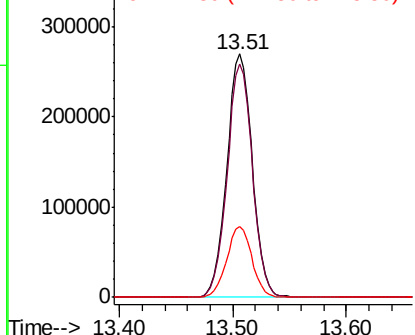
#93
 1,2,4-Trichlorobenzene
 Concen: 108.535 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 420663
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.9
 145 29.1 14.9 44.7

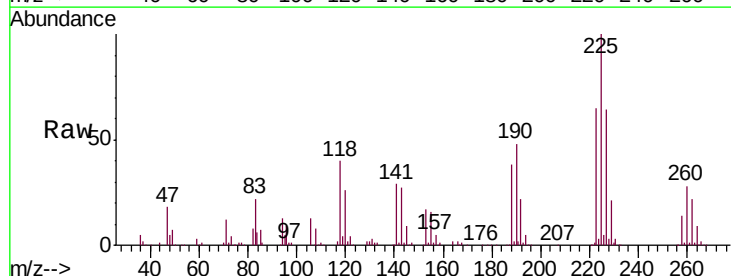


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

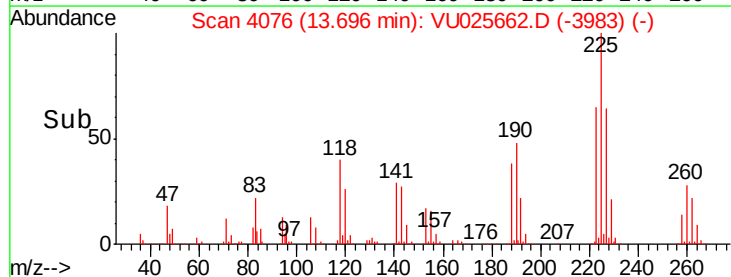
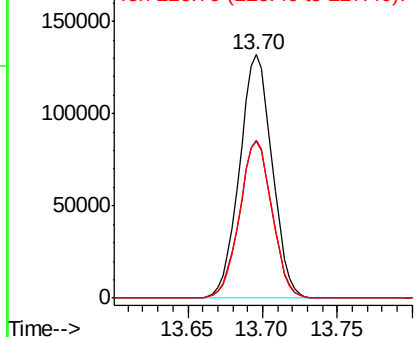


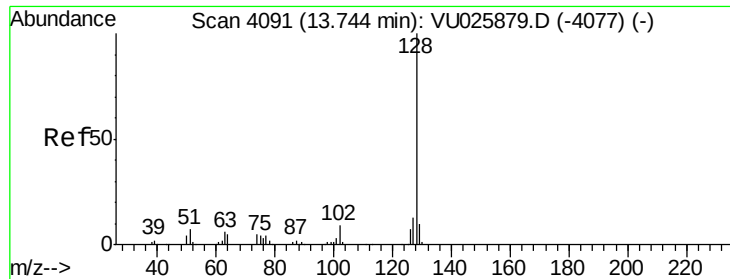
#94
 Hexachlorobutadiene
 Concen: 97.910 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025662.D
 Acq: 27 Jul 2018 11:28

Tgt Ion:225 Resp: 200038
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.9 95.7
 227 64.2 32.3 96.9



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

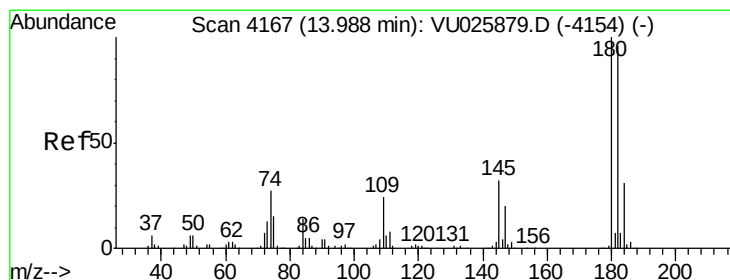
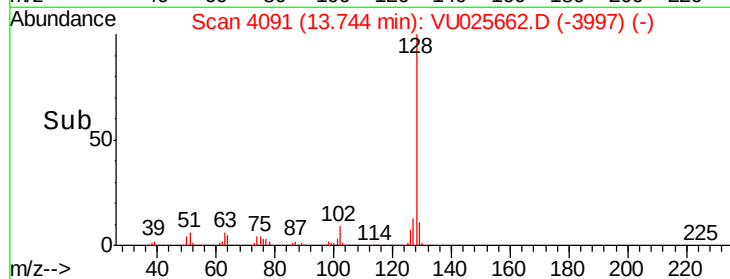
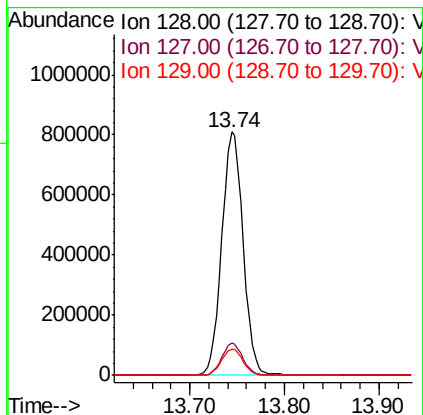
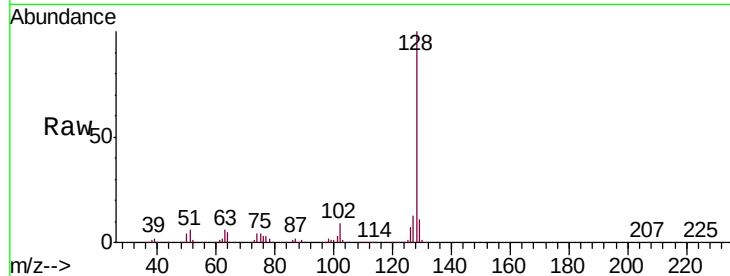




#95
Naphthalene
Concen: 100.937 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1272877
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 107.108 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025662.D
Acq: 27 Jul 2018 11:28

Tgt Ion:180 Resp: 414114
Ion Ratio Lower Upper
180 100
182 96.3 47.8 143.3
145 31.6 15.6 46.8

