

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025786.D
 Acq On : 01 Aug 2018 19:03
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 04:49:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	284461	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	172621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141942	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	4.89	113	120644	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	7.57	98	425739	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	10.31	95	167780	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	138874	48.37	ug/l	97
3) Chloromethane	1.33	50	112447	40.98	ug/l	100
4) Vinyl Chloride	1.40	62	120221	46.56	ug/l	100
5) Bromomethane	1.62	94	39782	31.54	ug/l	100
6) Chloroethane	1.69	64	67836	44.93	ug/l	97
7) Trichlorofluoromethane	1.88	101	175858	47.10	ug/l	100
8) Diethyl Ether	2.10	74	63114	46.72	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	104122	48.19	ug/l	99
10) Methyl Iodide	2.41	142	39972	25.02	ug/l	100
11) Tert butyl alcohol	2.83	59	156924	242.18	ug/l	98
12) 1,1-Dichloroethene	2.28	96	97060	47.59	ug/l	97
13) Acrolein	2.19	56	48242	205.22	ug/l	98
14) Allyl chloride	2.59	41	164992	45.02	ug/l	97
15) Acrylonitrile	2.94	53	327579	253.21	ug/l	100
16) Acetone	2.32	43	306101	212.14	ug/l	96
17) Carbon Disulfide	2.47	76	293743	44.50	ug/l	100
18) Methyl Acetate	2.62	43	215437	62.03	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	364290	49.29	ug/l	98
20) Methylene Chloride	2.70	84	117324	45.88	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	111207	47.17	ug/l	97
22) Diisopropyl ether	3.58	45	352816	48.85	ug/l	93
23) Vinyl Acetate	3.53	43	1475383	234.41	ug/l	98
24) 1,1-Dichloroethane	3.45	63	207474	47.86	ug/l	99
25) 2-Butanone	4.27	43	476861	242.78	ug/l	100
26) 2,2-Dichloropropane	4.23	77	171021	43.40	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	126245	47.50	ug/l	99
28) Bromochloromethane	4.55	49	88504	45.66	ug/l	94
29) Tetrahydrofuran	4.64	42	296348	251.83	ug/l	100
30) Chloroform	4.68	83	217199	47.46	ug/l	100
31) Cyclohexane	5.00	56	176175	46.62	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	197073	47.83	ug/l	99
36) 1,1-Dichloropropene	5.14	75	162349	48.84	ug/l	98
37) Ethyl Acetate	4.38	43	169353	49.13	ug/l	99
38) Carbon Tetrachloride	5.14	117	178484	47.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	170858	44.86	ug/l	99
40) Benzene	5.39	78	455398	46.86	ug/l	97
41) Methacrylonitrile	4.54	41	96772	50.54	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174793	46.71	ug/l	99
43) Isopropyl Acetate	5.55	43	278339	48.86	ug/l	98
44) Trichloroethene	6.19	130	129732	47.94	ug/l	100
45) 1,2-Dichloropropane	6.44	63	120440	47.52	ug/l	97
46) Dibromomethane	6.56	93	88073	47.96	ug/l	99
47) Bromodichloromethane	6.76	83	168751	48.18	ug/l	97
48) Methyl methacrylate	6.63	41	144053	51.60	ug/l	97
49) 1,4-Dioxane	6.62	88	63685	937.41	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	909199	254.95	ug/l	100
52) Toluene	7.64	92	294100	48.72	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	193109	49.10	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	200176	49.55	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	120168	47.90	ug/l	99
56) Ethyl methacrylate	8.02	69	186828	52.12	ug/l	96
57) 1,3-Dichloropropane	8.25	76	204581	48.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	381575	235.49	ug/l	98
59) 2-Hexanone	8.36	43	710335	254.10	ug/l	97
60) Dibromochloromethane	8.48	129	146119	49.39	ug/l	99
61) 1,2-Dibromoethane	8.59	107	137228	49.18	ug/l	99
64) Tetrachloroethene	8.23	164	116055	48.01	ug/l	98
65) Chlorobenzene	9.12	112	344157	48.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	129993	50.75	ug/l	100
67) Ethyl Benzene	9.25	91	575376	49.06	ug/l	100
68) m/p-Xylenes	9.38	106	447213	99.33	ug/l	100
69) o-Xylene	9.78	106	217733	49.48	ug/l	99
70) Styrene	9.80	104	360981	50.79	ug/l	98
71) Bromoform	9.96	173	114731	51.66	ug/l #	98
73) Isopropylbenzene	10.17	105	584636	49.62	ug/l	100
74) N-amyl acetate	10.01	43	246685	51.29	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	203028	49.83	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	230774	60.68	ug/l	86
77) Bromobenzene	10.45	156	161176	49.60	ug/l	98
78) n-propylbenzene	10.59	91	675948	49.16	ug/l	99
79) 2-Chlorotoluene	10.66	91	399395	49.59	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	495515	49.52	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	230774	152.14	ug/l #	100
82) 4-Chlorotoluene	10.78	91	481162	50.68	ug/l	99
83) tert-Butylbenzene	11.10	119	487954	49.08	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	505513	49.86	ug/l	97
85) sec-Butylbenzene	11.33	105	578687	47.68	ug/l	100
86) p-Isopropyltoluene	11.48	119	526150	48.41	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	293833	48.71	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	299191	47.58	ug/l	99
89) n-Butylbenzene	11.89	91	458296	45.69	ug/l	99
90) Hexachloroethane	12.15	117	87964	45.52	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	289753	49.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50254	52.03	ug/l	95

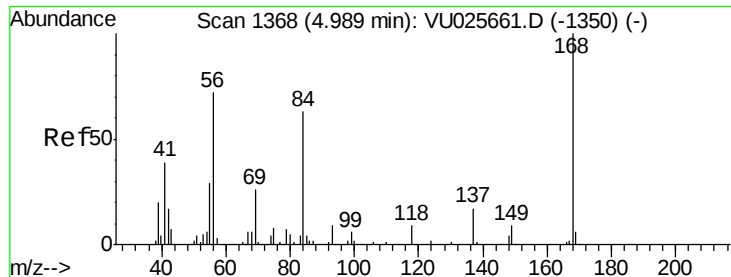
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	206135	51.66	ug/l	100
94) Hexachlorobutadiene	13.70	225	81747	38.86	ug/l	99
95) Naphthalene	13.74	128	668973	52.14	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	203572	51.14	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

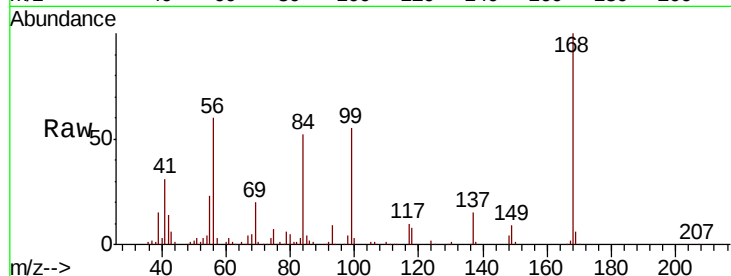
VSTDCCC050EC

Tot Ion:168 Resp: 189943

Ion Ratio Lower Upper

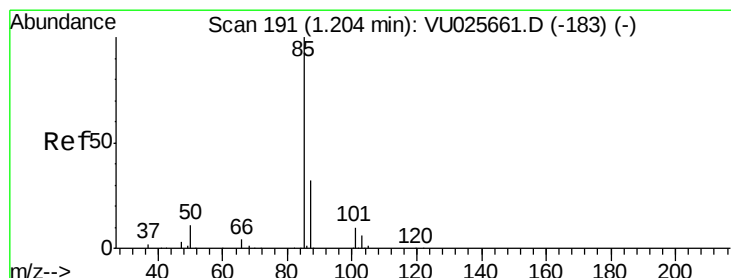
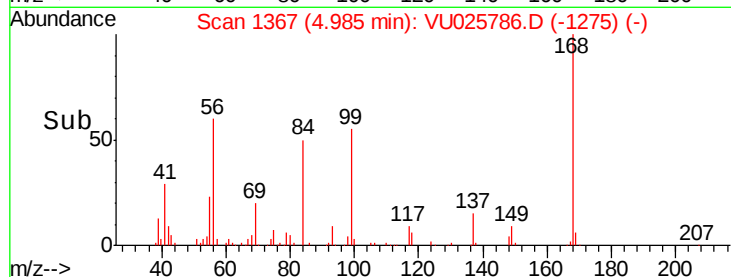
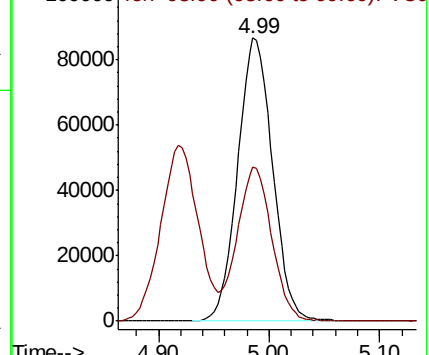
168 100

99 54.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#2

Dichlorodifluoromethane

Concen: 48.37 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025786.D

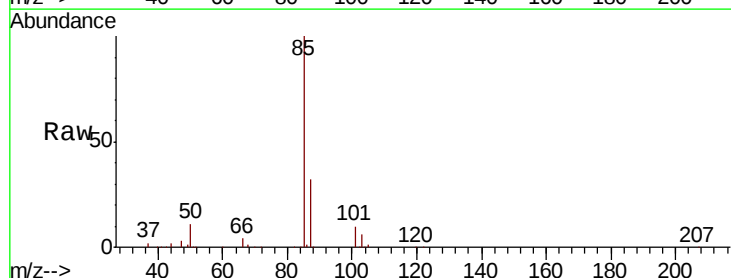
Acq: 01 Aug 2018 19:03

Tgt Ion: 85 Resp: 138874

Ion Ratio Lower Upper

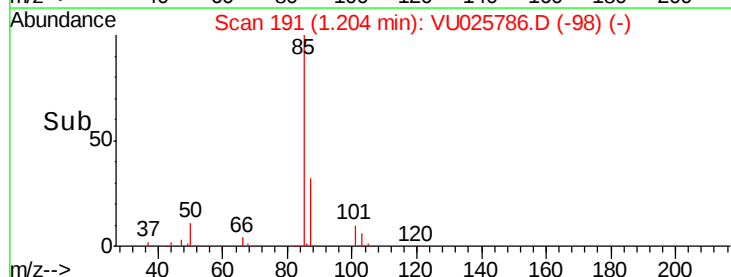
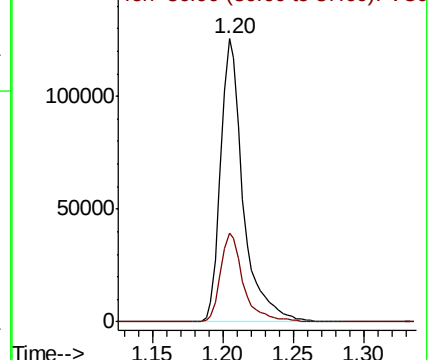
85 100

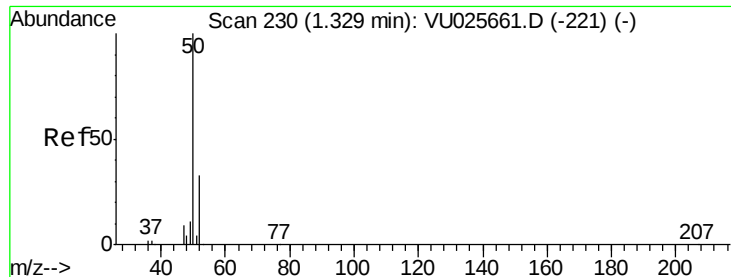
87 31.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025661.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025661.D (-183) (-)





#3

Chloromethane

Concen: 40.98 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

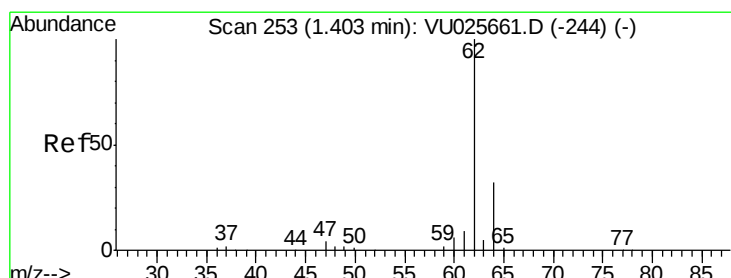
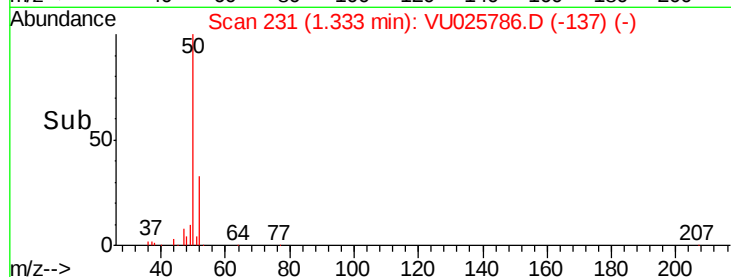
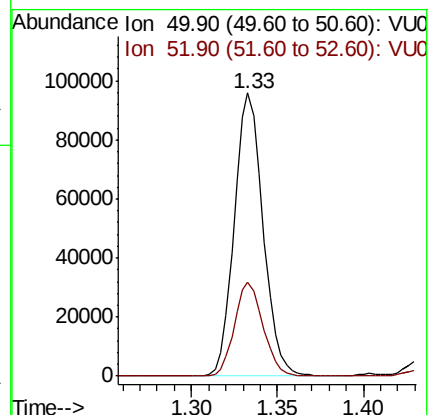
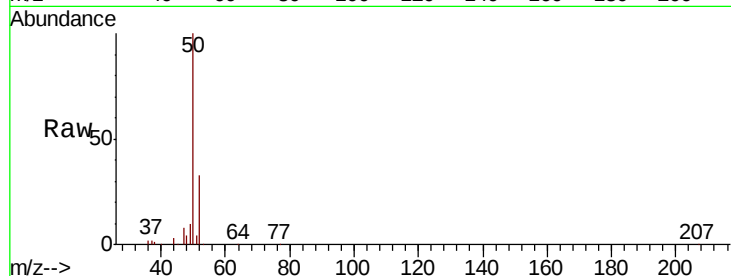
VSTDCCC050EC

Tot Ion: 50 Resp: 112447

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 46.56 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025786.D

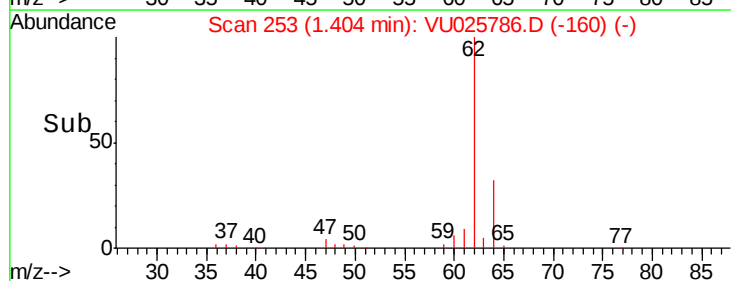
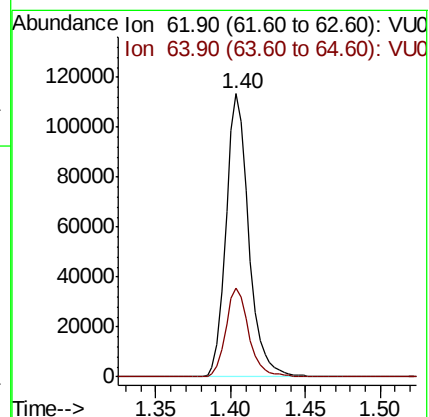
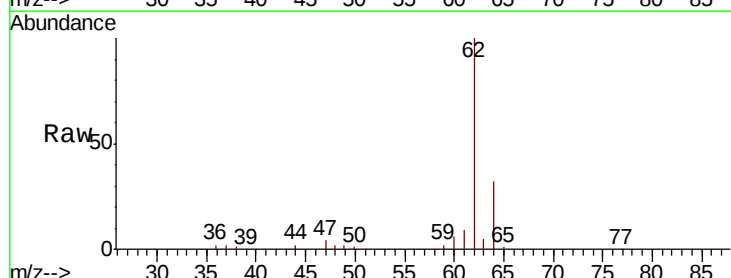
Acq: 01 Aug 2018 19:03

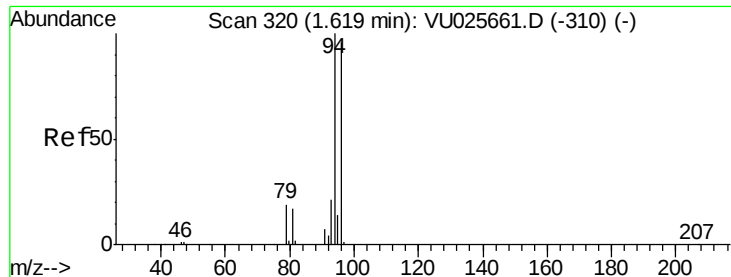
Tgt Ion: 62 Resp: 120221

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 31.54 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

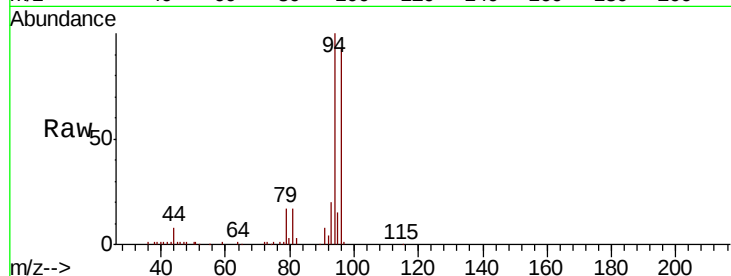
VSTDCCC050EC

Tot Ion: 94 Resp: 39782

Ion Ratio Lower Upper

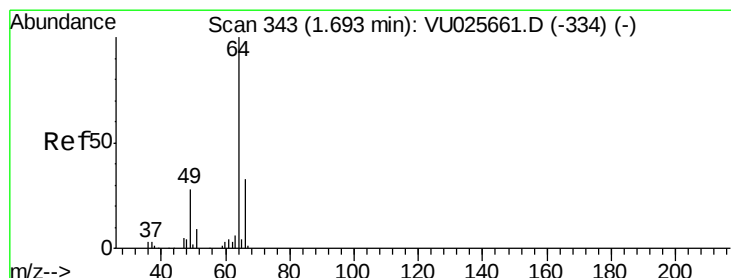
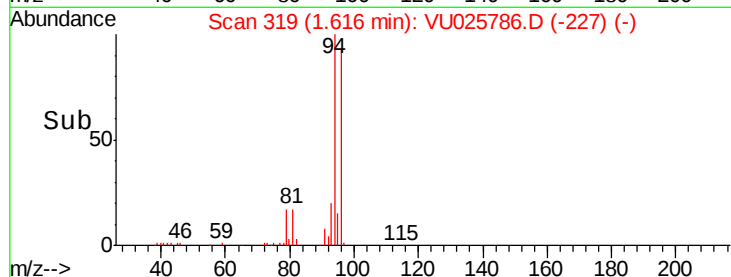
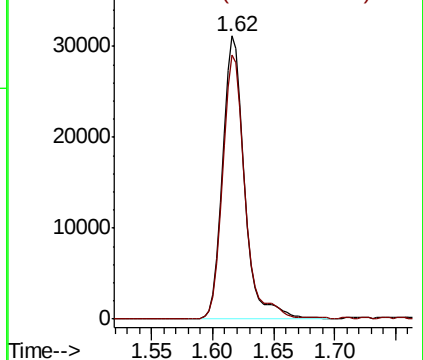
94 100

96 93.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU025661.D (-310) (-)

Ion 95.90 (95.60 to 96.60): VU025661.D (-310) (-)



#6

Chloroethane

Concen: 44.93 ug/l

RT: 1.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU025786.D

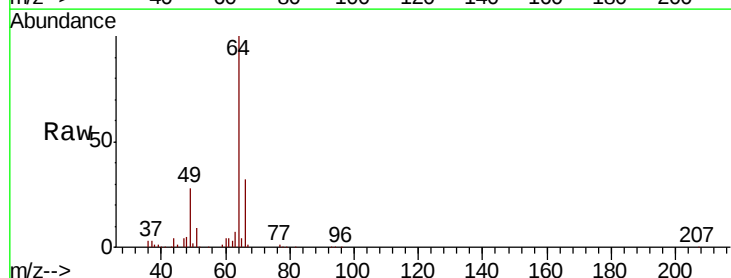
Acq: 01 Aug 2018 19:03

Tgt Ion: 64 Resp: 67836

Ion Ratio Lower Upper

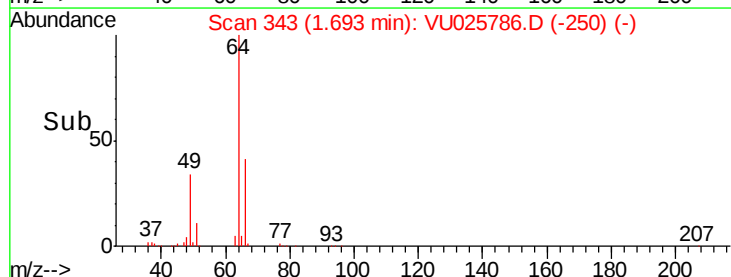
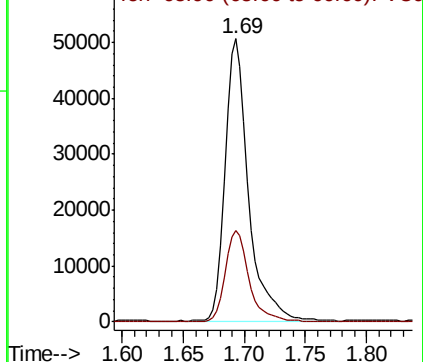
64 100

66 32.6 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU025661.D (-334) (-)

Ion 65.90 (65.60 to 66.60): VU025661.D (-334) (-)





#7

Trichlorofluoromethane

Concen: 47.10 ug/l

RT: 1.88 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

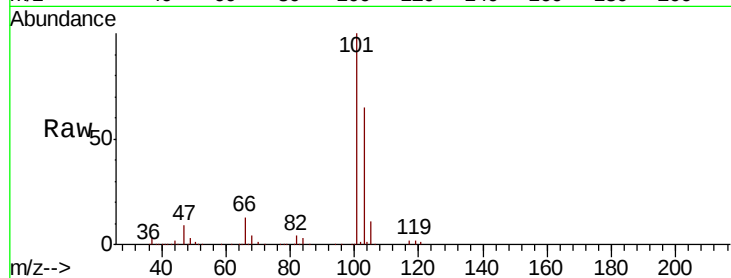
VSTDCCC050EC

Tot Ion:101 Resp: 175858

Ion Ratio Lower Upper

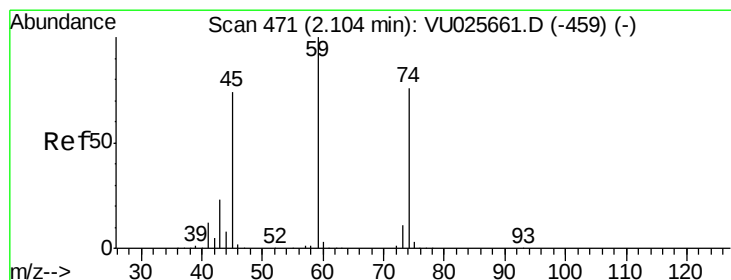
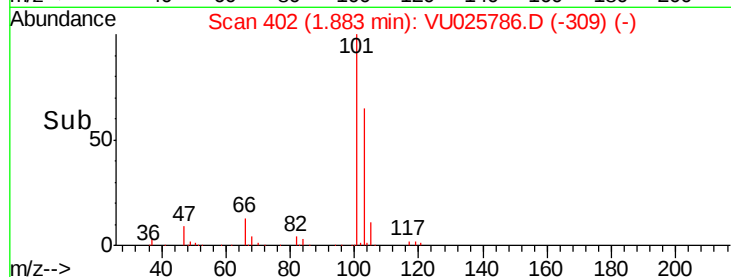
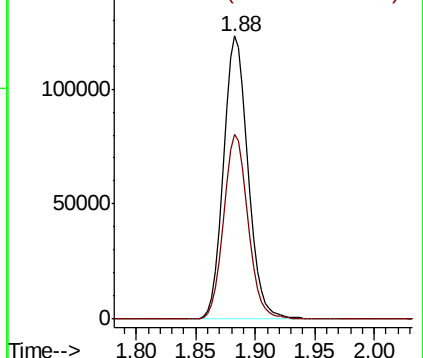
101 100

103 65.5 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 46.72 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025786.D

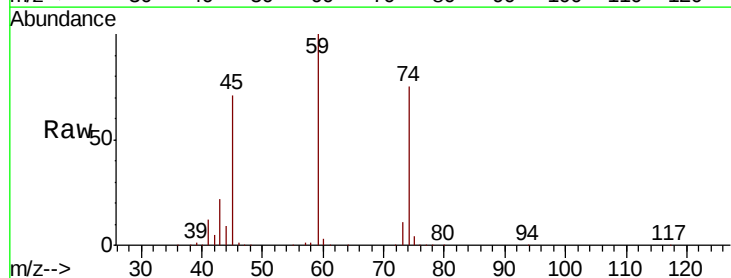
Acq: 01 Aug 2018 19:03

Tgt Ion: 74 Resp: 63114

Ion Ratio Lower Upper

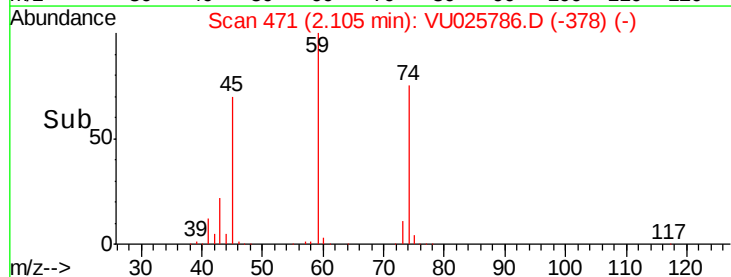
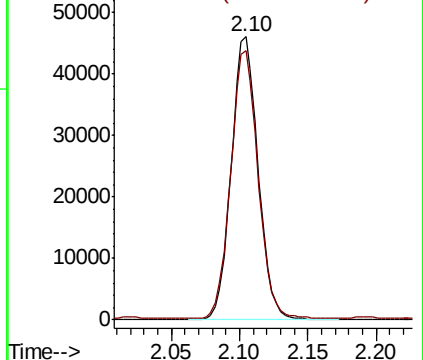
74 100

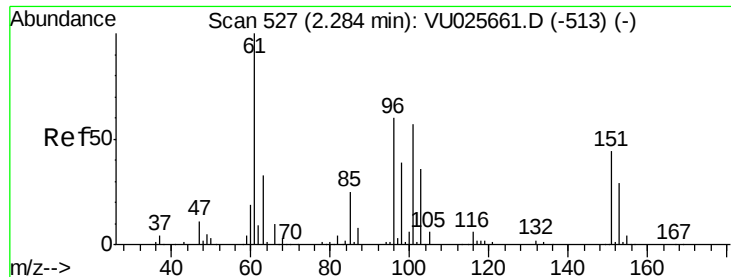
45 96.2 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

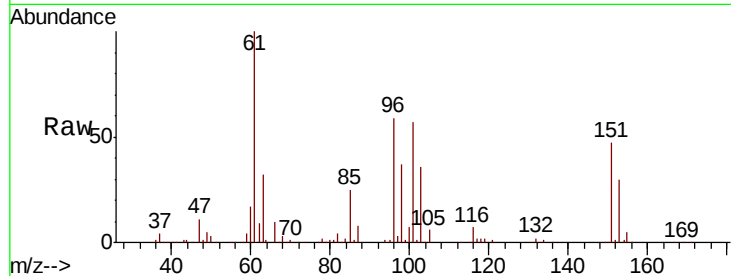




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.19 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.4	36.0	54.0
151	82.6	65.6	98.4

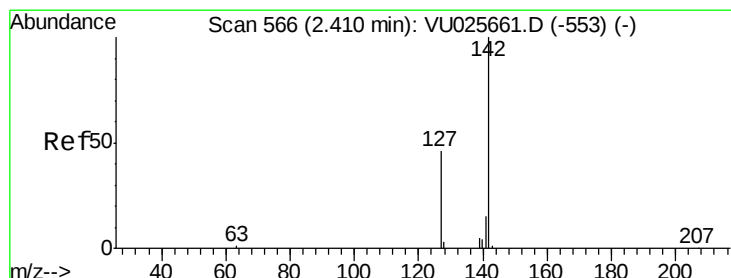
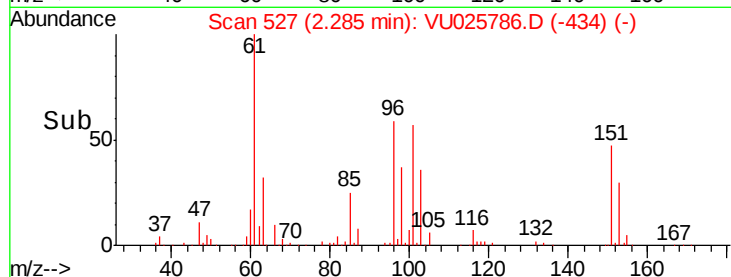
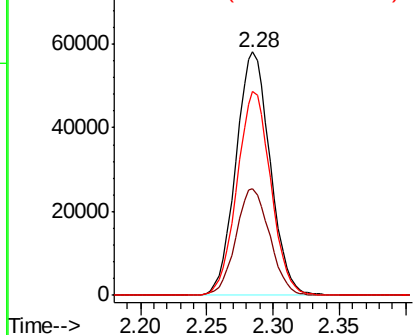


Abundance

Ion 100.90 (100.60 to 101.60): V

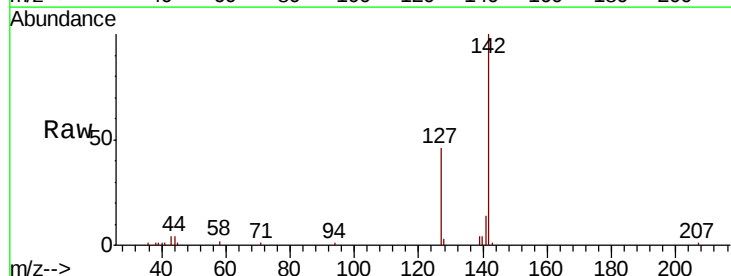
Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 25.02 ug/l
 RT: 2.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.7	36.5	54.7
141	13.8	11.4	17.2

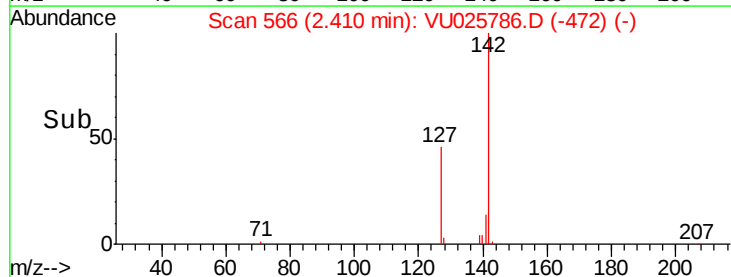
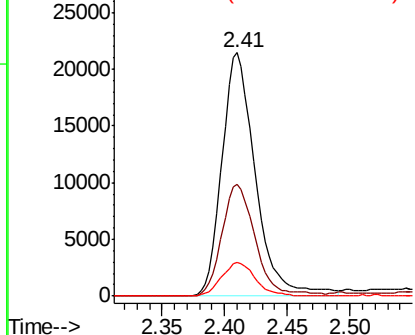


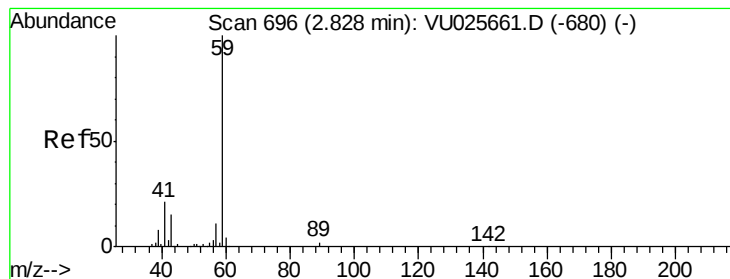
Abundance

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



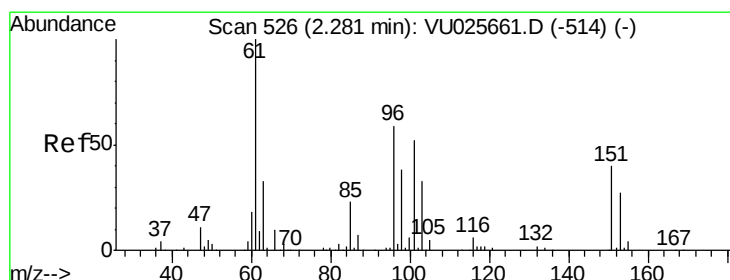
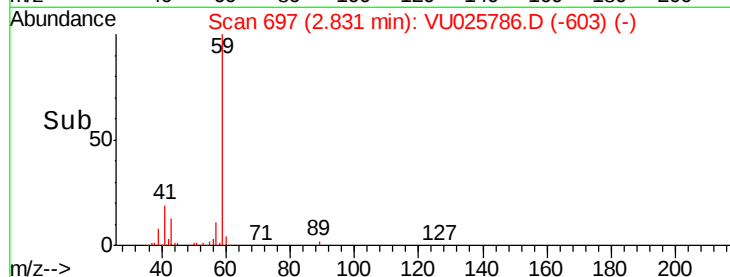
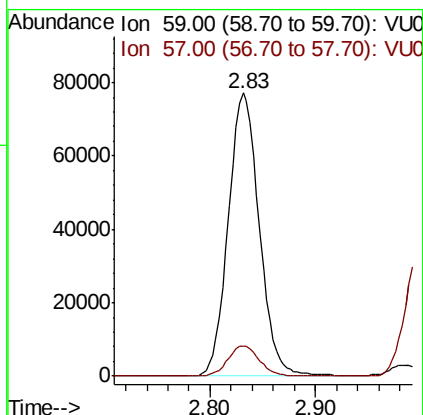
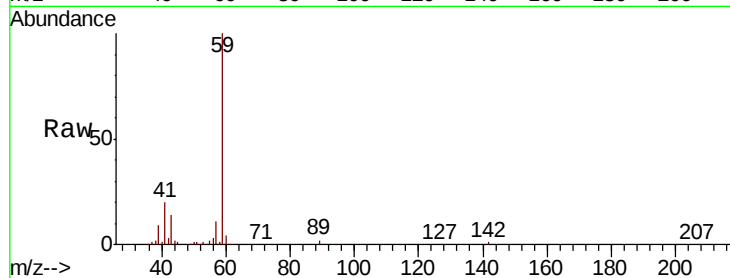


#11

Tert butyl alcohol
 Concen: 242.18 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

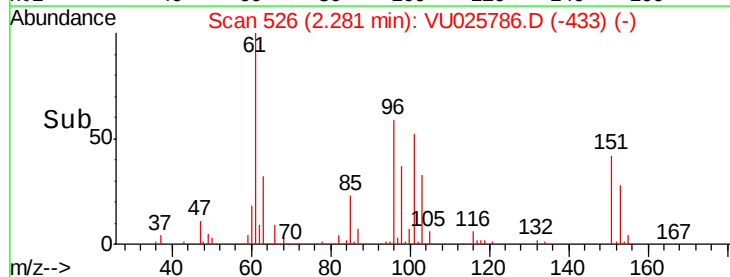
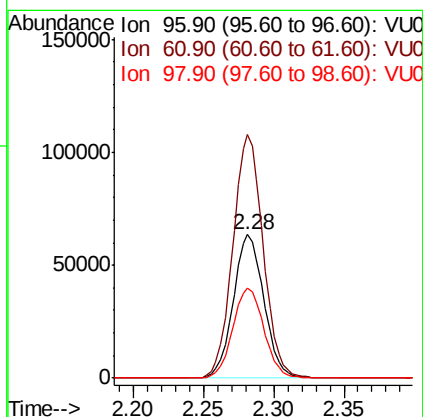
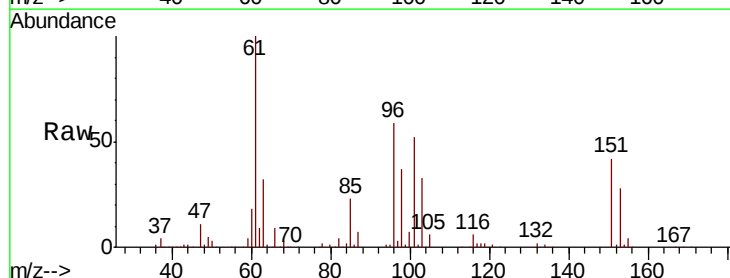
Tot Ion: 59 Resp: 156924
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

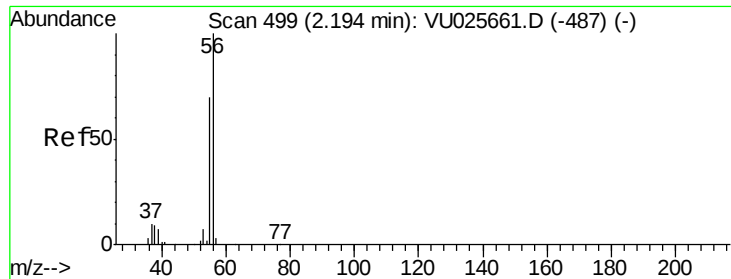


#12

1,1-Dichloroethene
 Concen: 47.59 ug/l
 RT: 2.28 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Tgt Ion: 96 Resp: 97060
 Ion Ratio Lower Upper
 96 100
 61 169.8 140.2 210.4
 98 62.6 49.3 73.9

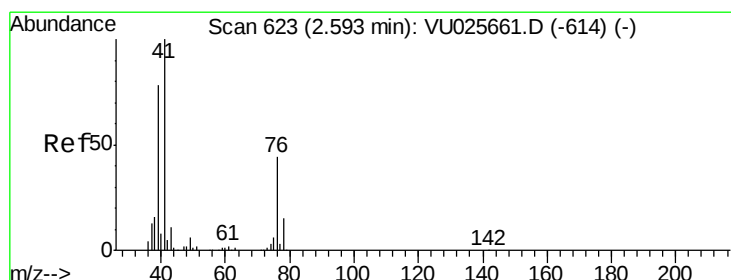
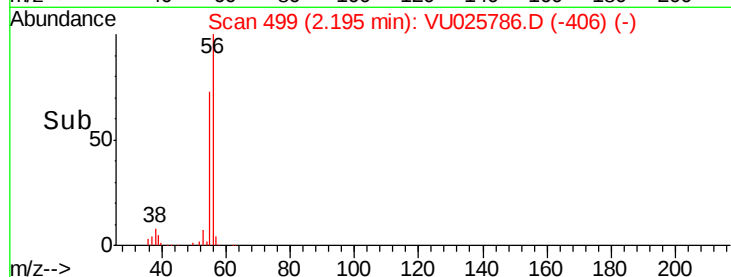
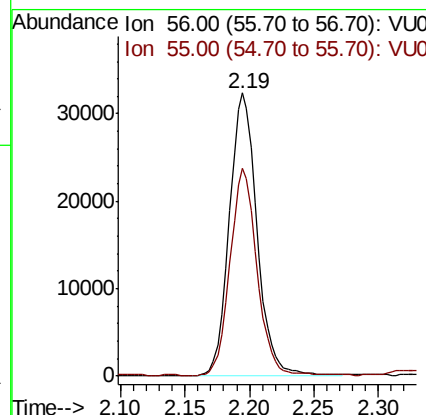
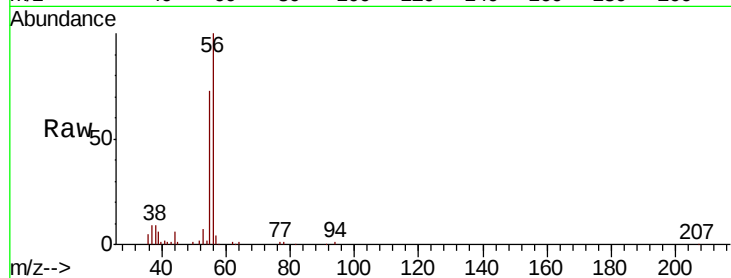




#13
Acrolein
Concen: 205.22 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

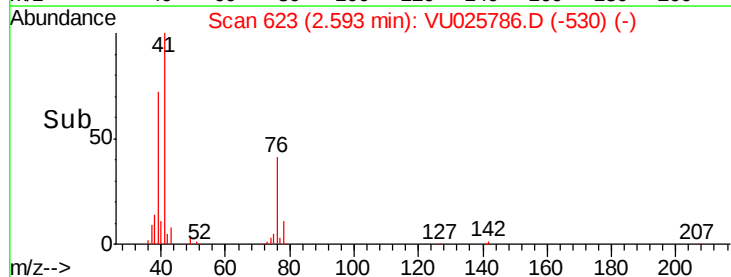
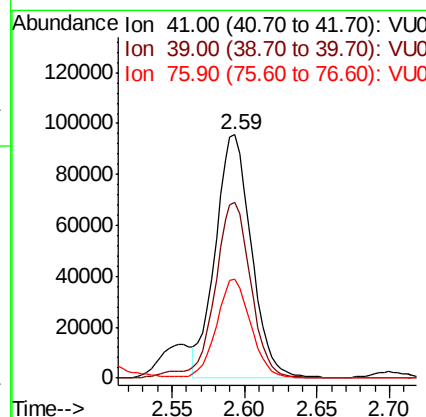
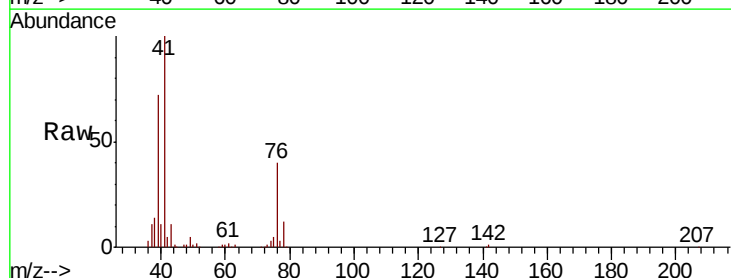
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 48242
Ion Ratio Lower Upper
56 100
55 70.2 57.2 85.8



#14
Allyl chloride
Concen: 45.02 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 41 Resp: 164992
Ion Ratio Lower Upper
41 100
39 73.1 60.6 91.0
76 39.0 30.5 45.7





#15

Acrylonitrile

Concen: 253.21 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

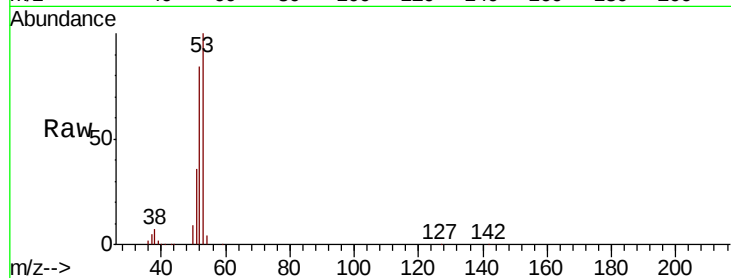
Tot Ion: 53 Resp: 327579

Ion Ratio Lower Upper

53 100

52 83.3 66.6 99.8

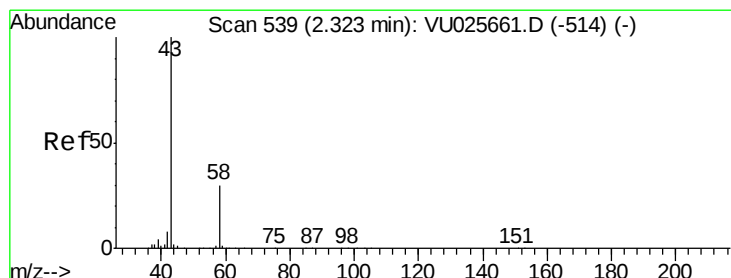
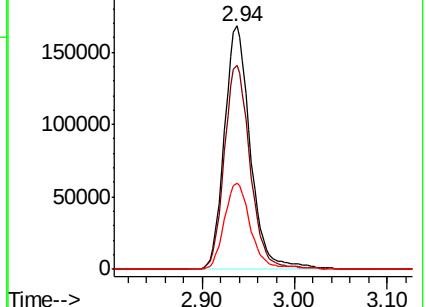
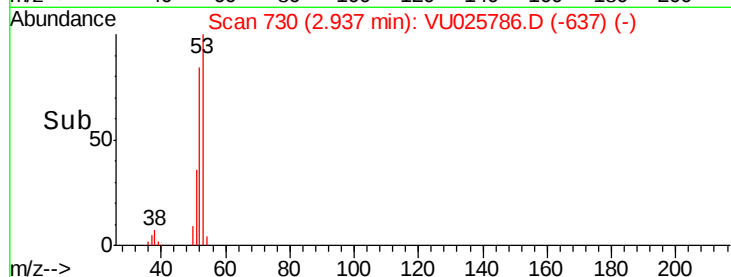
51 36.5 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU025786.D (-637) (-)

Ion 52.00 (51.70 to 52.70): VU025786.D (-637) (-)

Ion 51.00 (50.70 to 51.70): VU025786.D (-637) (-)



#16

Acetone

Concen: 212.14 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025786.D

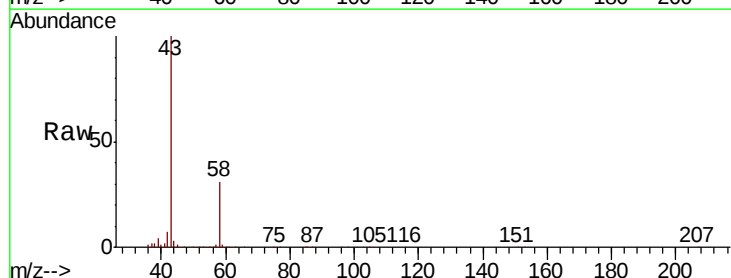
Acq: 01 Aug 2018 19:03

Tgt Ion: 43 Resp: 306101

Ion Ratio Lower Upper

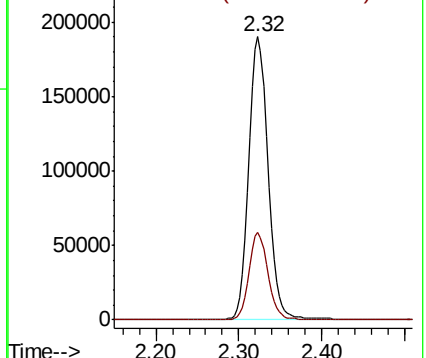
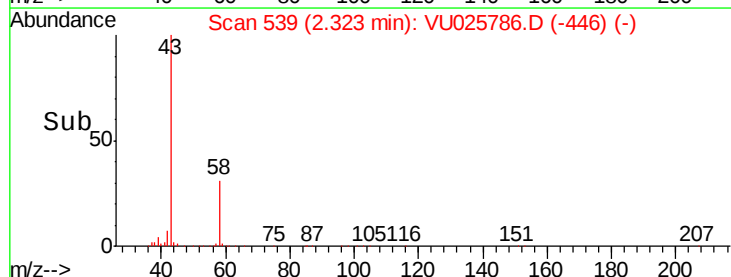
43 100

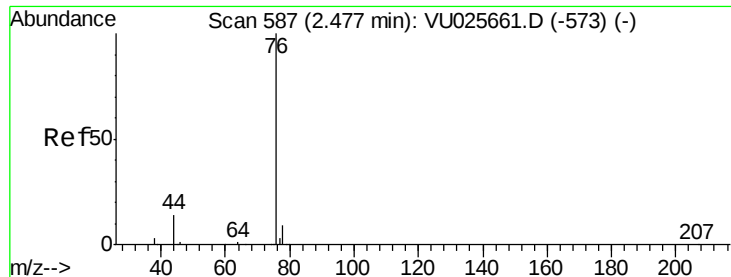
58 31.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025786.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU025786.D (-446) (-)

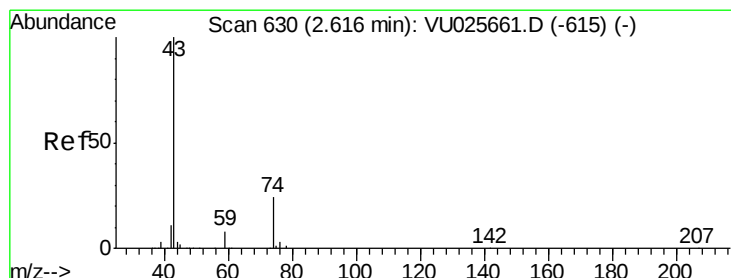
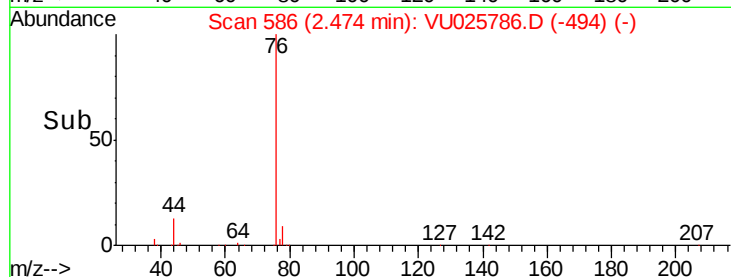
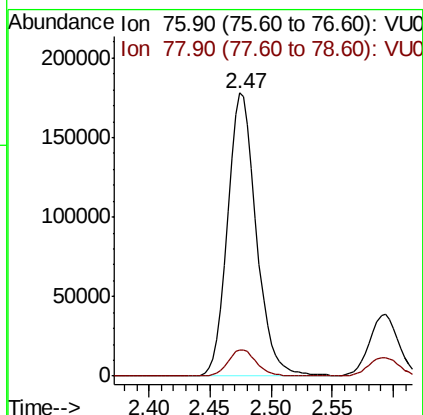
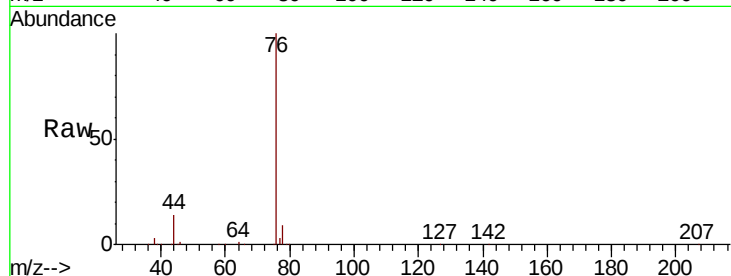




#17
Carbon Disulfide
Concen: 44.50 ug/l
RT: 2.47 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

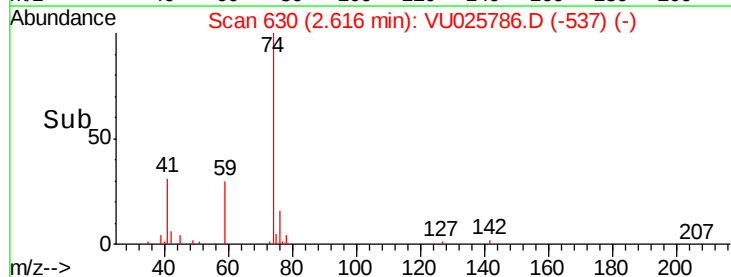
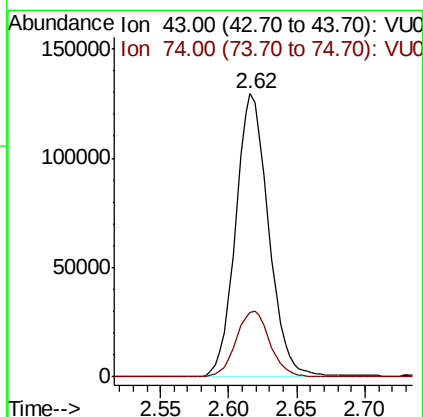
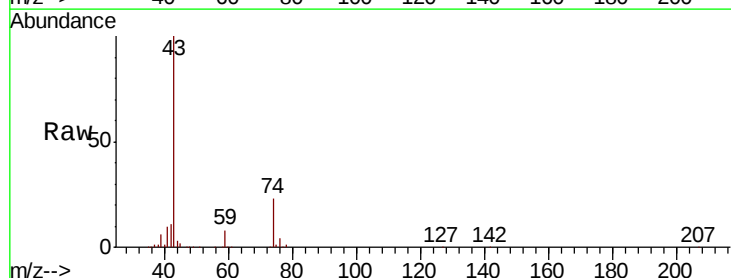
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

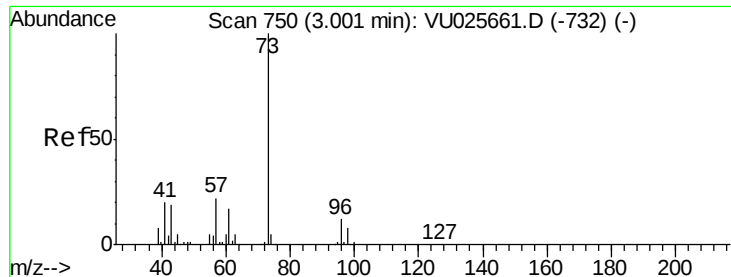
Tot Ion: 76 Resp: 293743
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 62.03 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 43 Resp: 215437
Ion Ratio Lower Upper
43 100
74 24.3 18.5 27.7

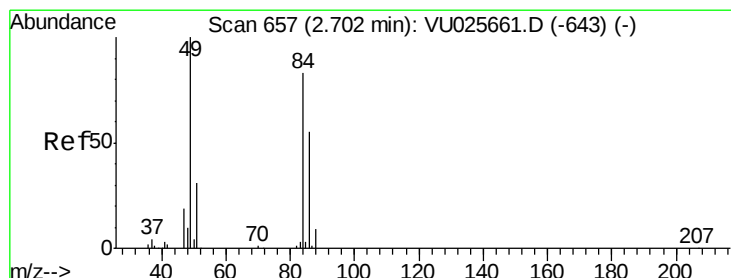
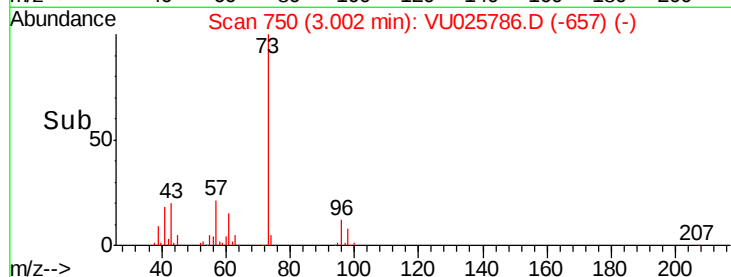
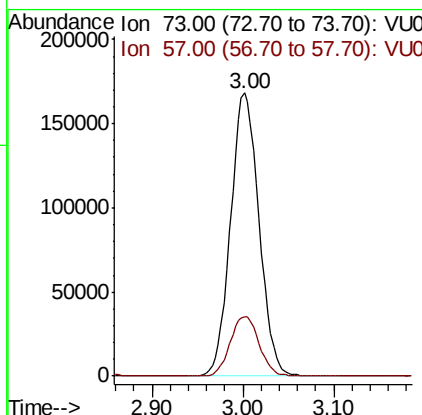
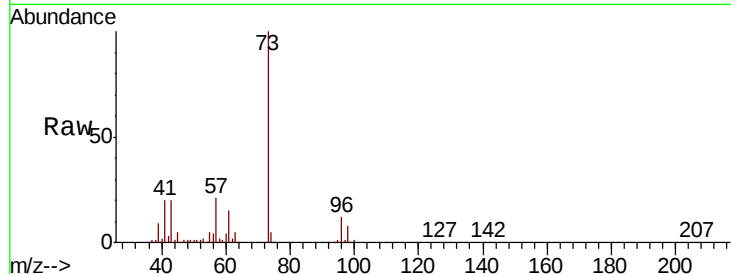




#19
Methvl tert-butvl Ether
Concen: 49.29 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

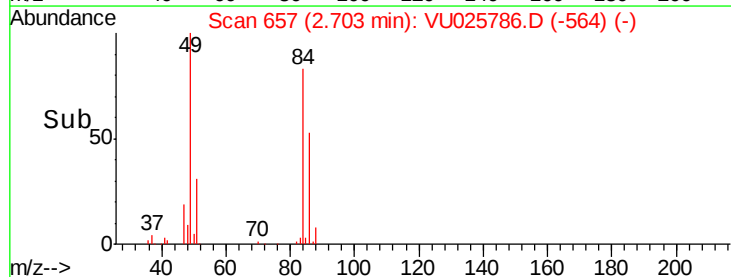
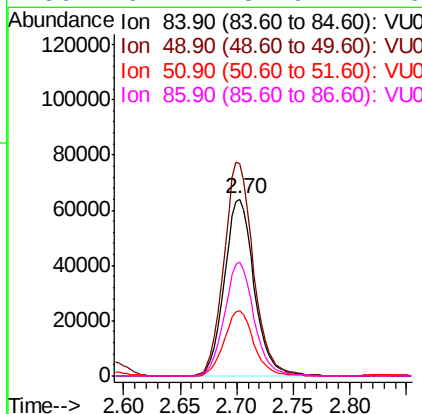
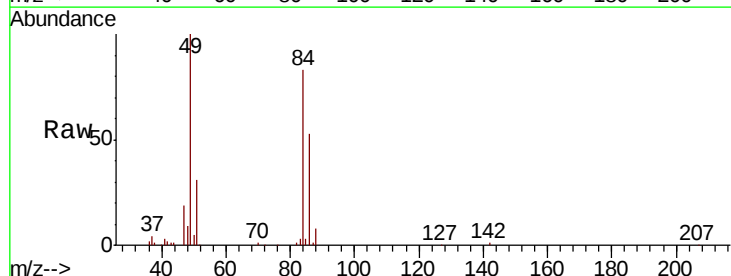
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

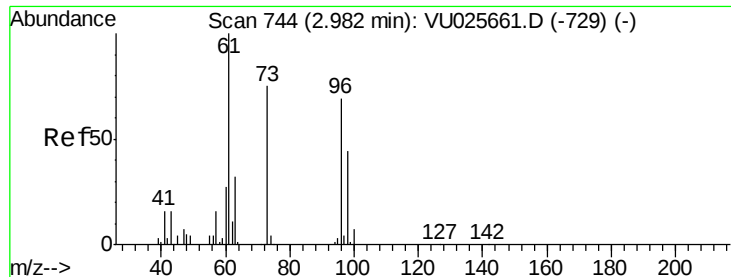
Tot Ion: 73 Resp: 364290
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2



#20
Methylene Chloride
Concen: 45.88 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 84 Resp: 117324
Ion Ratio Lower Upper
84 100
49 120.1 101.8 152.6
51 36.9 30.8 46.2
86 64.1 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 47.17 ug/l

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

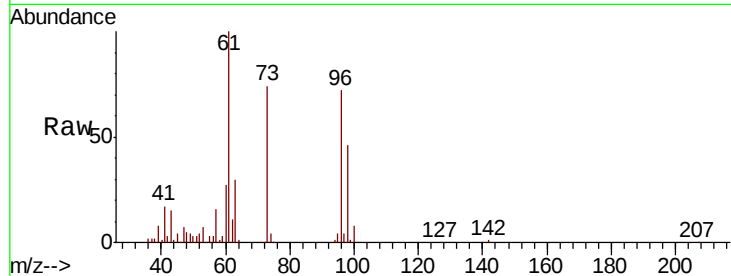
Tot Ion: 96 Resp: 111207

Ion Ratio Lower Upper

96 100

61 139.4 114.5 171.7

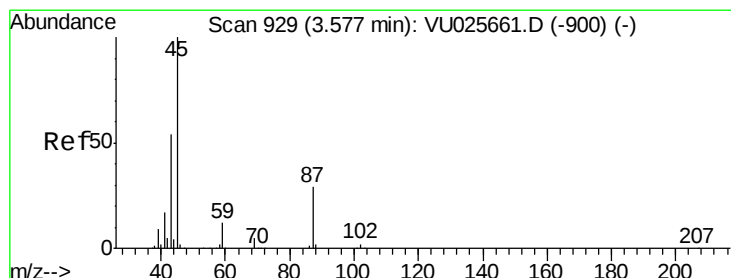
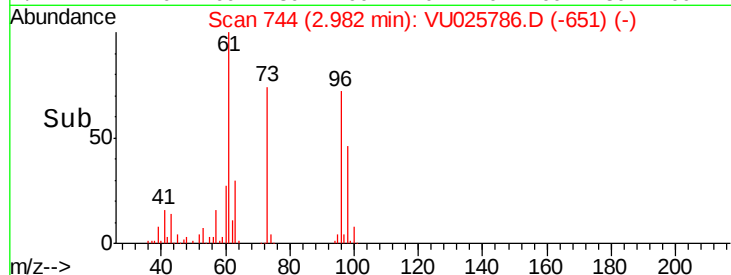
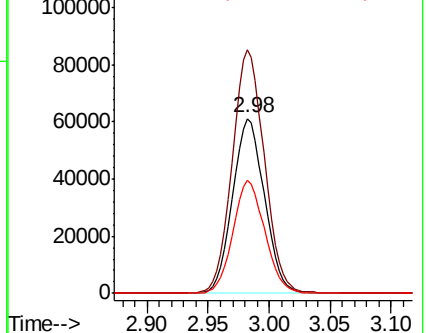
98 64.5 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025786.D (-651) (-)

Ion 60.90 (60.60 to 61.60): VU025786.D (-651) (-)

Ion 97.90 (97.60 to 98.60): VU025786.D (-651) (-)



#22

Diisopropyl ether

Concen: 48.85 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Tgt Ion: 45 Resp: 352816

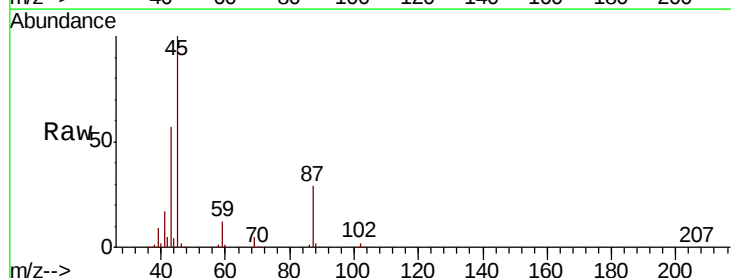
Ion Ratio Lower Upper

45 100

43 55.8 50.9 76.3

87 28.9 23.8 35.8

59 11.9 9.0 13.4

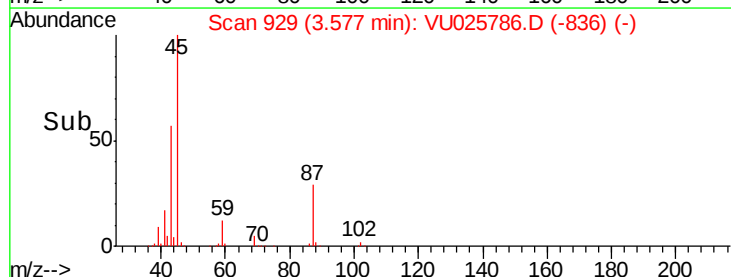
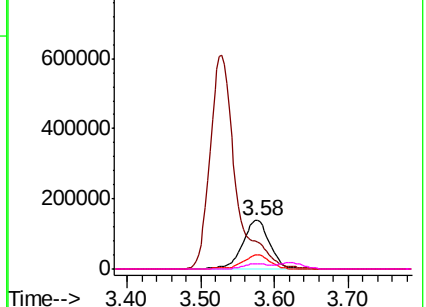


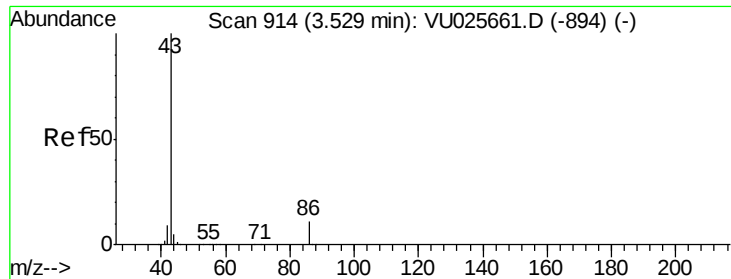
Abundance Ion 45.00 (44.70 to 45.70): VU025786.D (-836) (-)

Ion 43.00 (42.70 to 43.70): VU025786.D (-836) (-)

Ion 87.00 (86.70 to 87.70): VU025786.D (-836) (-)

Ion 59.00 (58.70 to 59.70): VU025786.D (-836) (-)





#23

Vinyl Acetate

Concen: 234.41 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

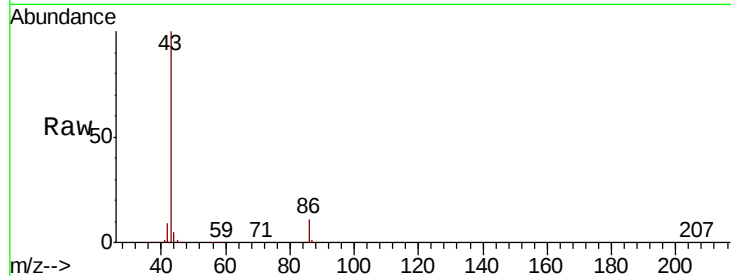
VSTDCCC050EC

Tot Ion: 43 Resp: 1475383

Ion Ratio Lower Upper

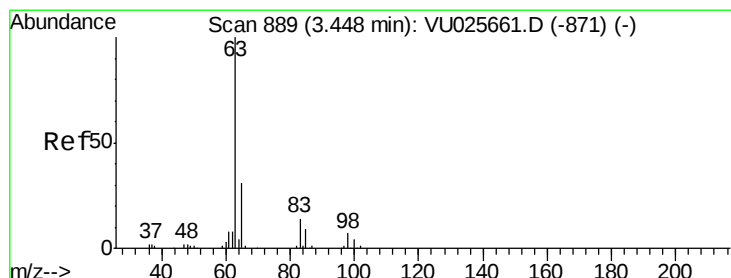
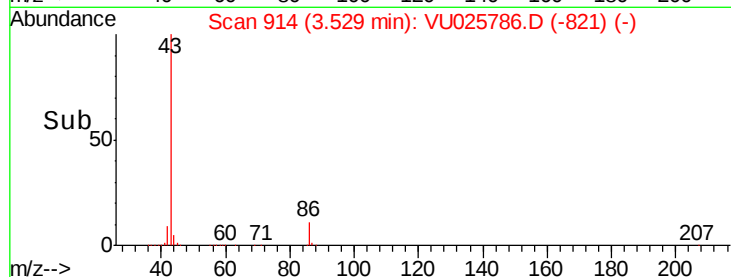
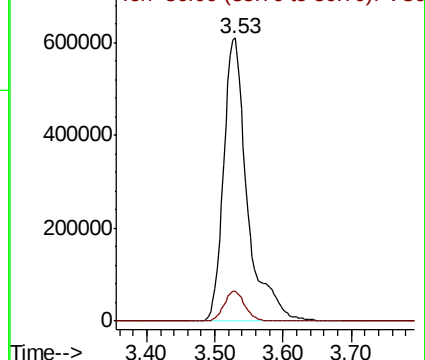
43 100

86 10.8 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU025786.D (-821) (-)

Ion 86.00 (85.70 to 86.70): VU025786.D (-821) (-)



#24

1,1-Dichloroethane

Concen: 47.86 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

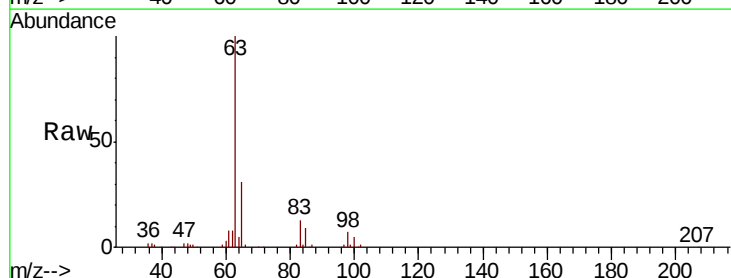
Tgt Ion: 63 Resp: 207474

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

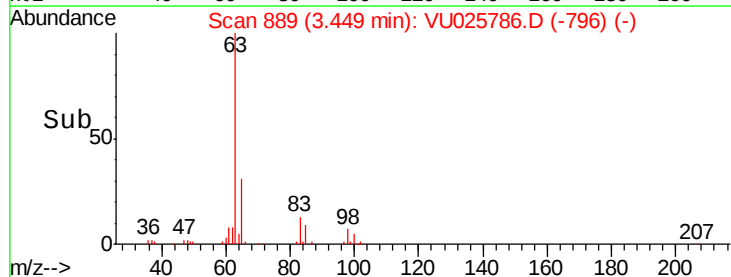
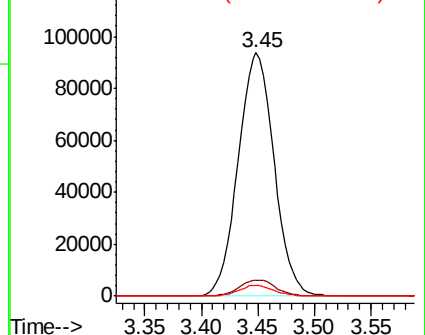
100 4.6 2.0 6.0

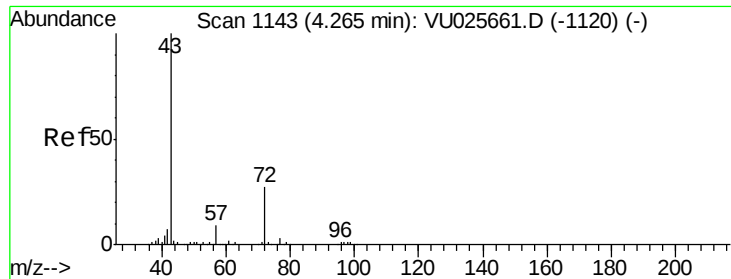


Abundance Ion 62.90 (62.60 to 63.60): VU025786.D (-796) (-)

Ion 97.90 (97.60 to 98.60): VU025786.D (-796) (-)

Ion 99.90 (99.60 to 100.60): VU025786.D (-796) (-)

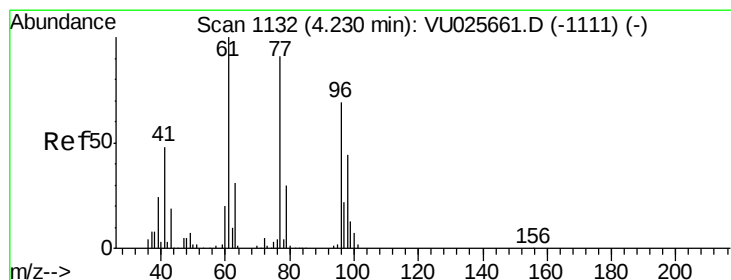
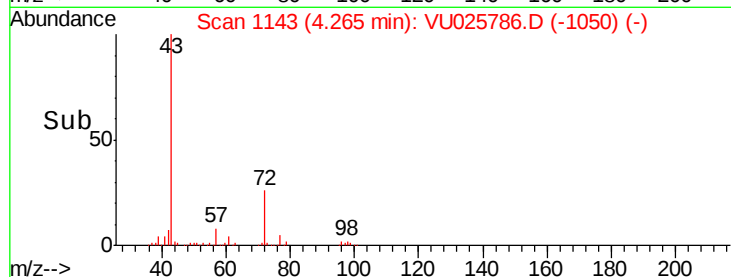
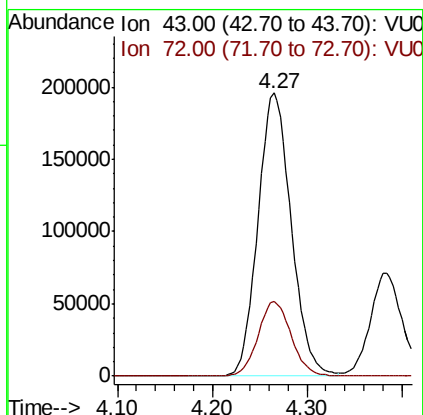
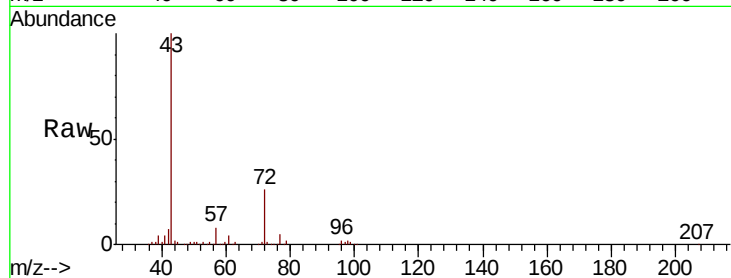




#25
 2-Butanone
 Concen: 242.78 ug/l
 RT: 4.27 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

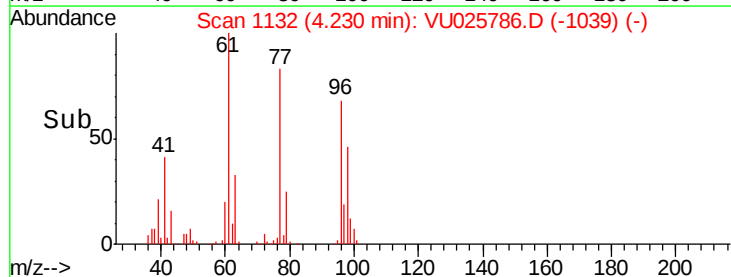
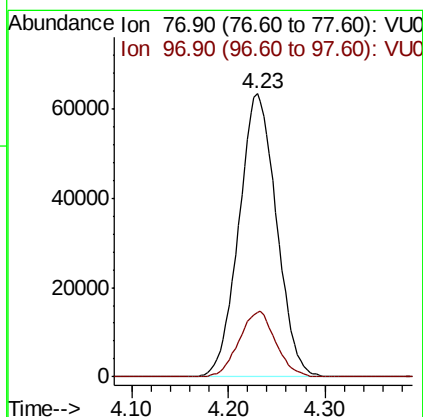
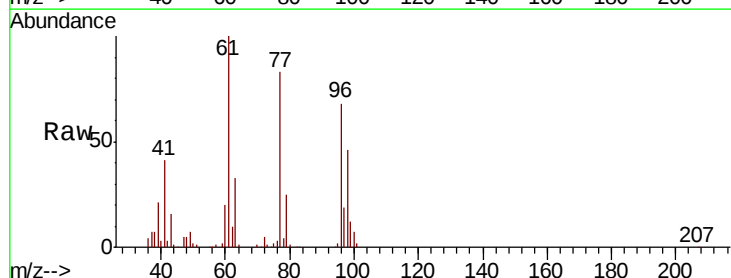
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

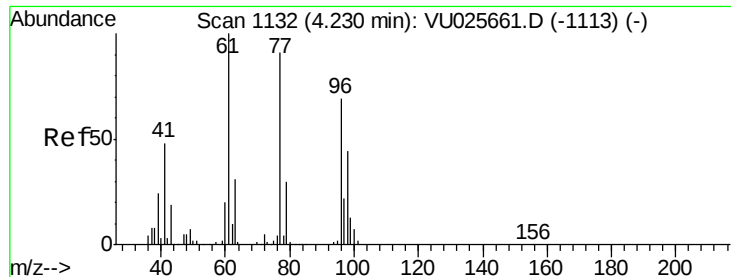
Tot Ion: 43 Resp: 476861
 Ion Ratio Lower Upper
 43 100
 72 26.3 21.0 31.4



#26
 2,2-Dichloropropane
 Concen: 43.40 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Tgt Ion: 77 Resp: 171021
 Ion Ratio Lower Upper
 77 100
 97 22.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 47.50 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

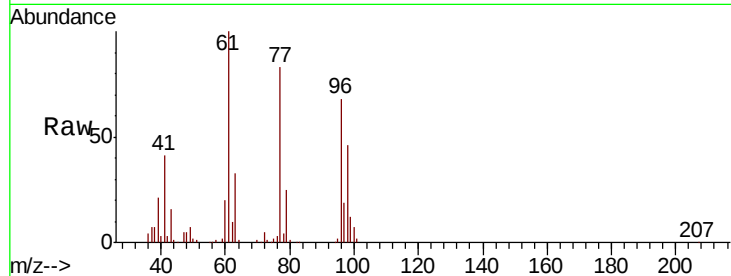
Tot Ion: 96 Resp: 126245

Ion Ratio Lower Upper

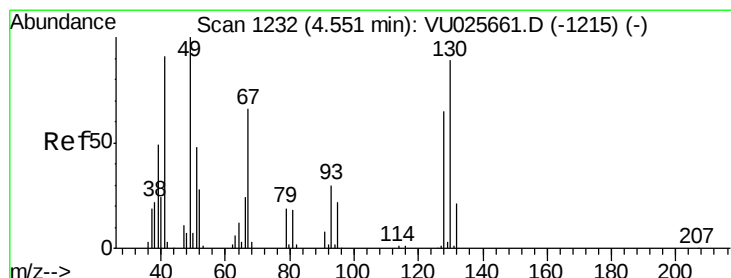
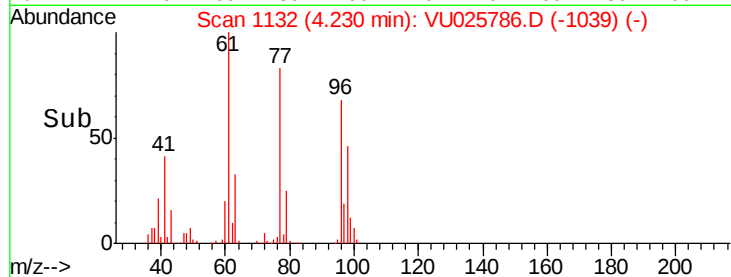
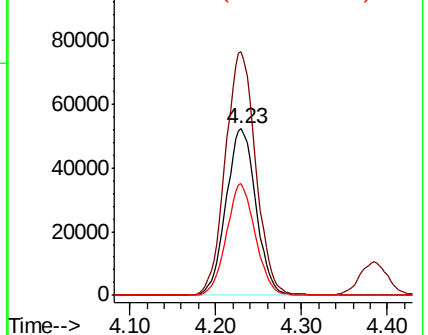
96 100

61 148.4 0.0 299.8

98 64.7 0.0 128.6



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



#28

Bromochloromethane

Concen: 45.66 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

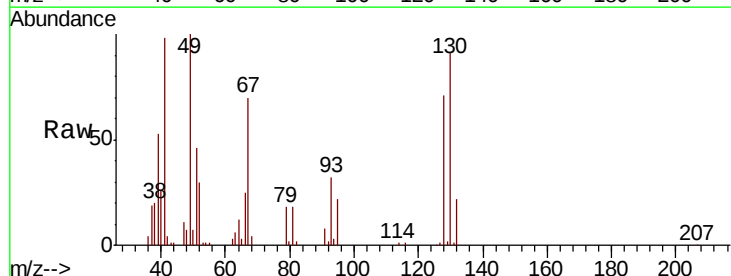
Tgt Ion: 49 Resp: 88504

Ion Ratio Lower Upper

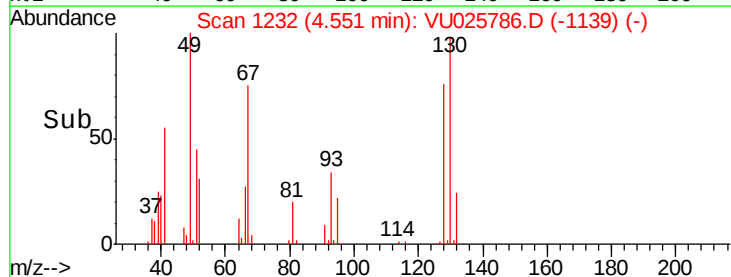
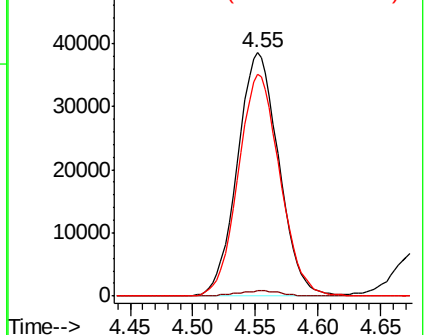
49 100

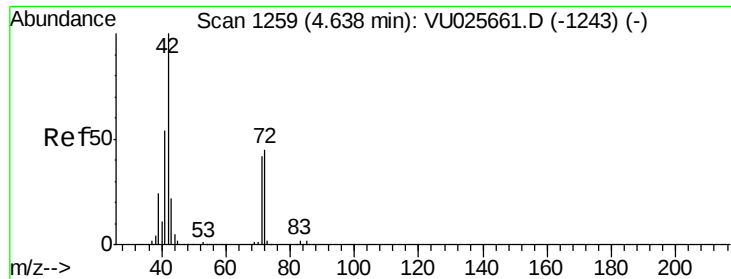
129 2.2 0.0 4.6

130 91.7 68.6 102.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 251.83 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

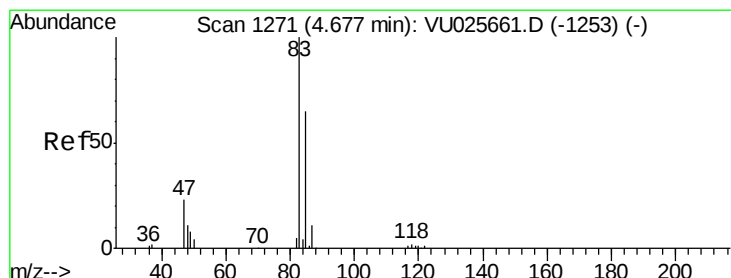
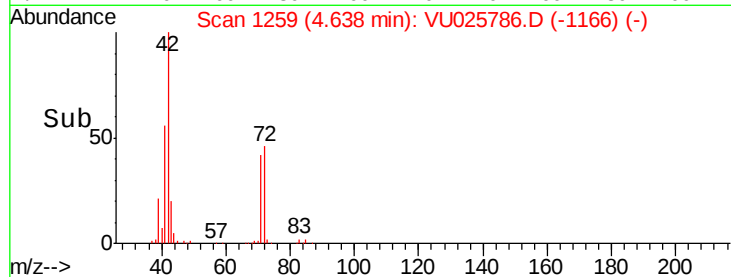
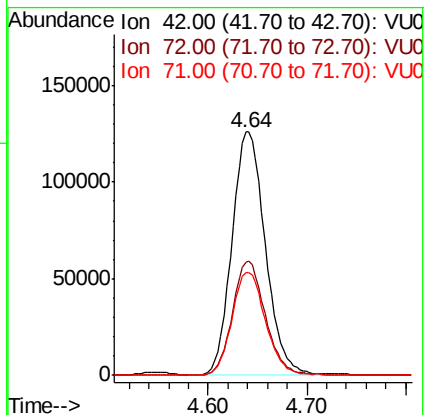
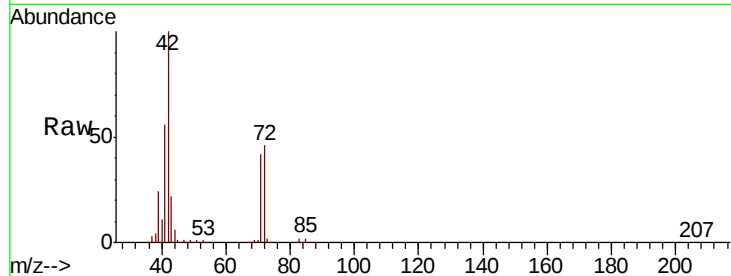
Tot Ion: 42 Resp: 296348

Ion Ratio Lower Upper

42 100

72 46.3 36.7 55.1

71 42.5 33.9 50.9



#30

Chloroform

Concen: 47.46 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025786.D

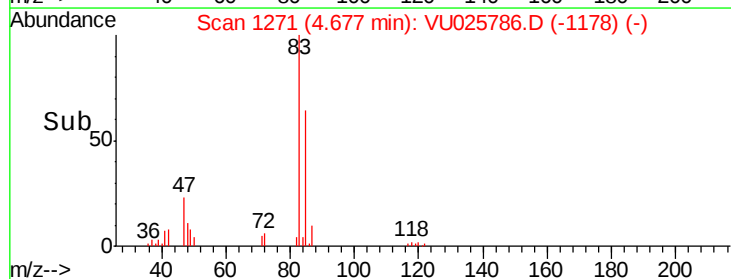
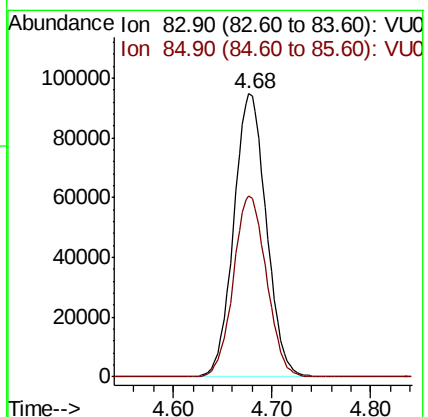
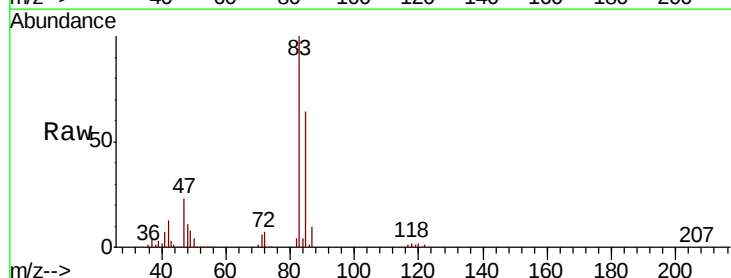
Acq: 01 Aug 2018 19:03

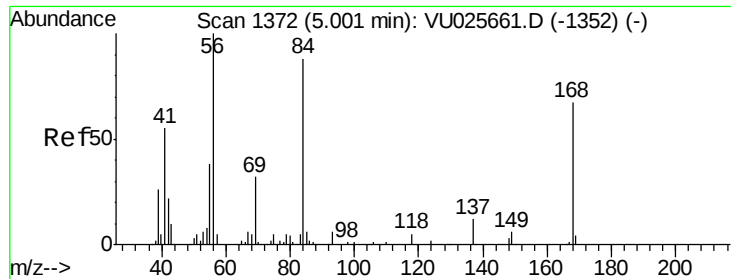
Tgt Ion: 83 Resp: 217199

Ion Ratio Lower Upper

83 100

85 64.1 51.5 77.3

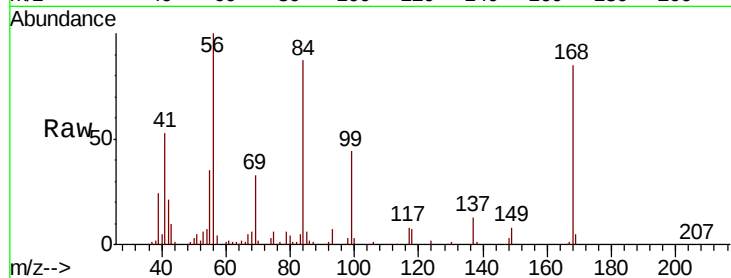




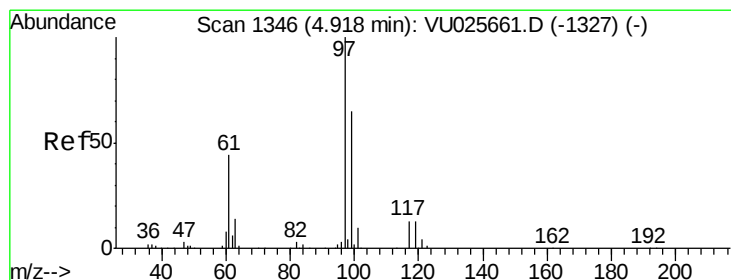
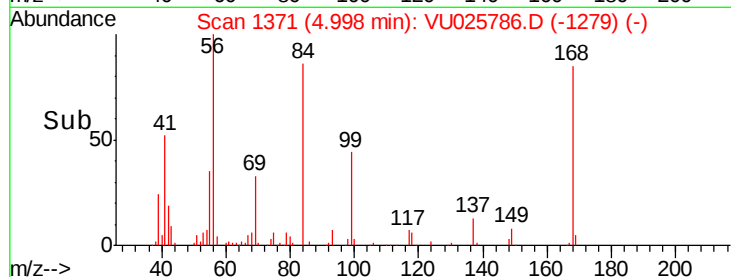
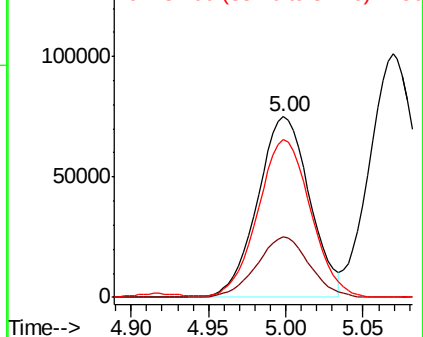
#31
Cyclohexane
Concen: 46.62 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 176175
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 86.4 69.7 104.5

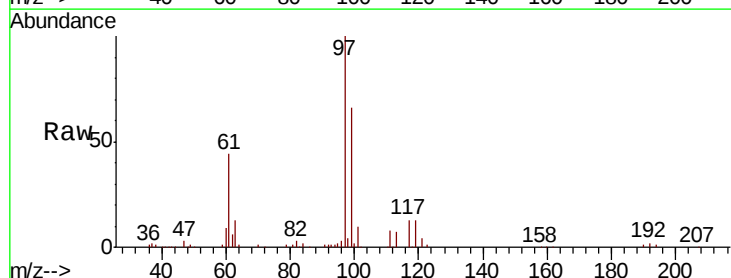


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

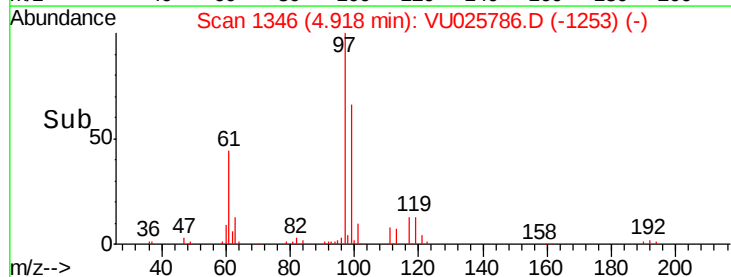
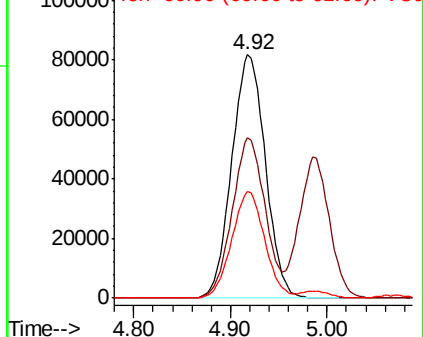


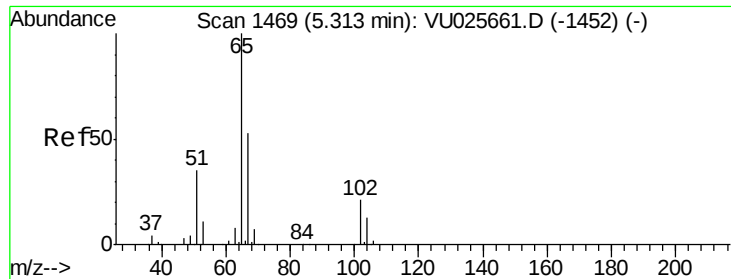
#32
1,1,1-Trichloroethane
Concen: 47.83 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 97 Resp: 197073
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 43.0 35.2 52.8



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





#33

1,2-Dichloroethane-d4

Concen: 47.96 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

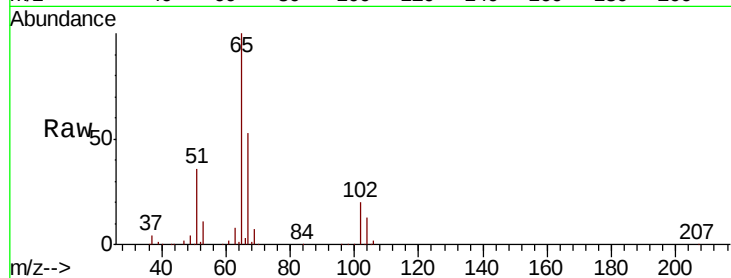
VSTDCCC050EC

Tot Ion: 65 Resp: 141942

Ion Ratio Lower Upper

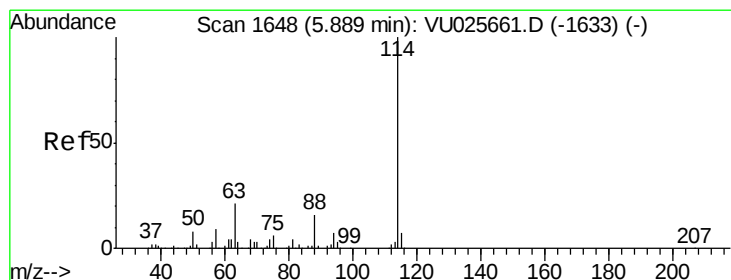
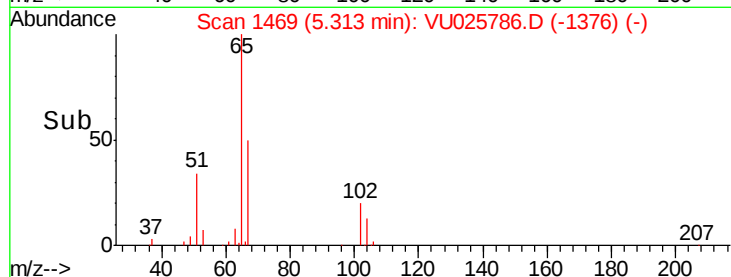
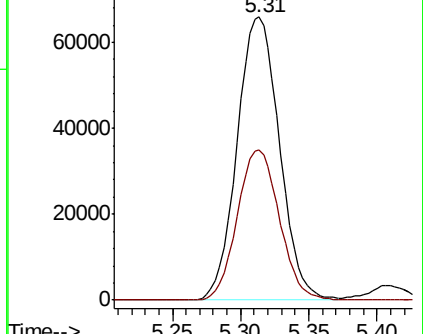
65 100

67 52.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

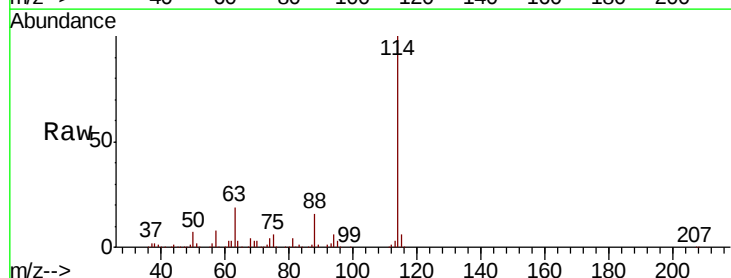
Tgt Ion: 114 Resp: 284461

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

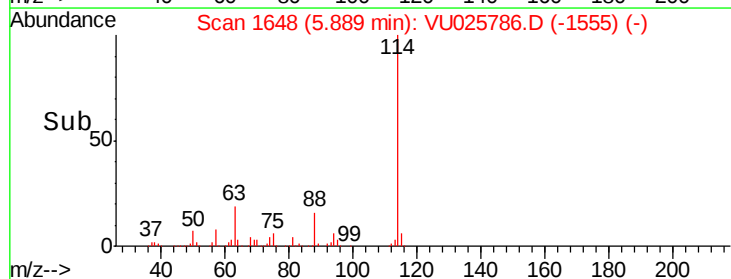
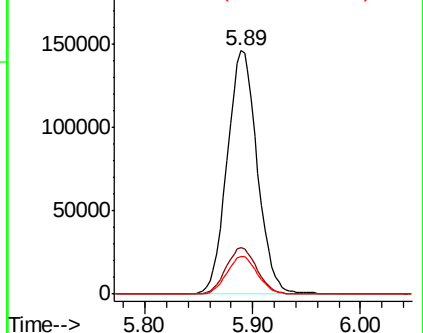
88 15.6 0.0 32.4

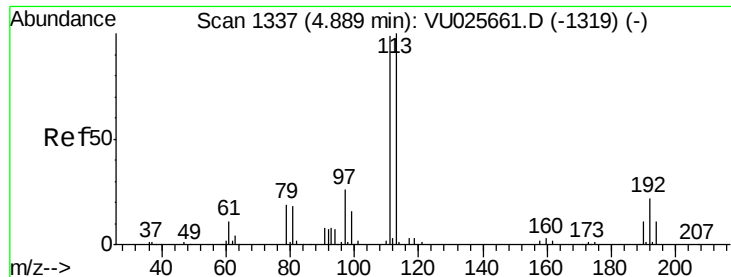


Abundance Ion 113.90 (113.60 to 114.60): VU025661.D (-1633) (-)

Ion 63.00 (62.70 to 63.70): VU025661.D (-1633) (-)

Ion 87.90 (87.60 to 88.60): VU025661.D (-1633) (-)

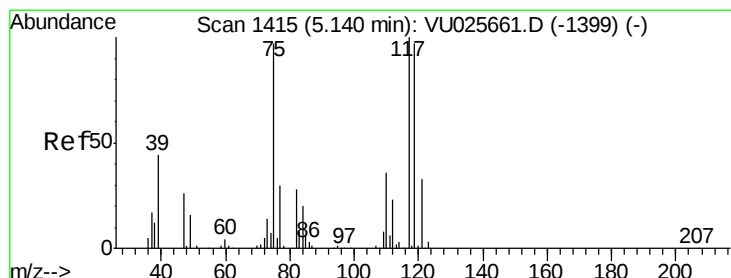
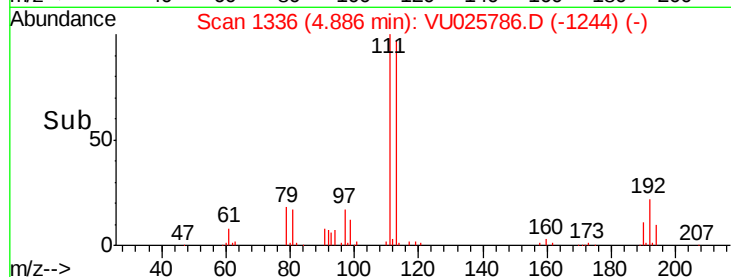
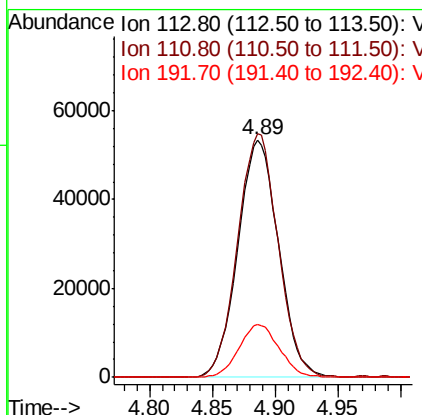
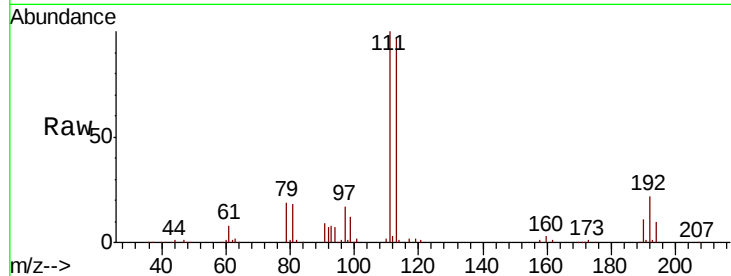




#35
 Dibromofluoromethane
 Concen: 48.76 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

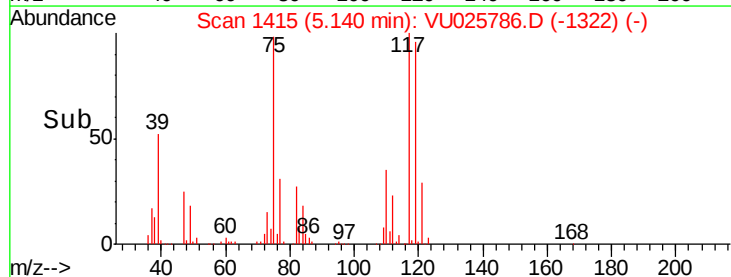
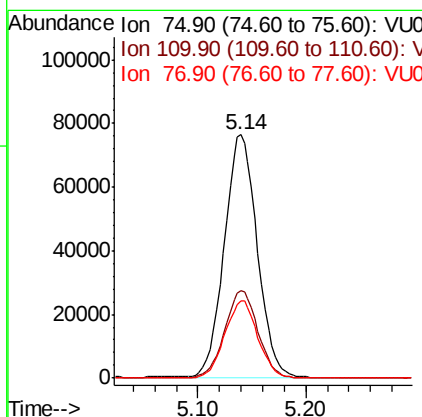
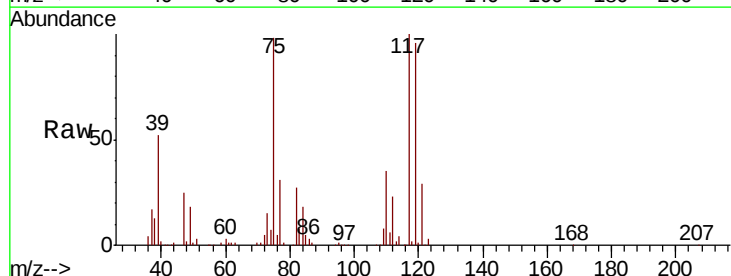
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

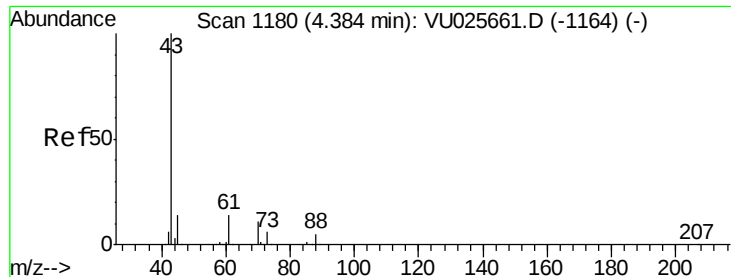
Tot Ion:113 Resp: 120644
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 22.0 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 48.84 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Tgt Ion: 75 Resp: 162349
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.6 52.9
 77 32.0 24.4 36.6

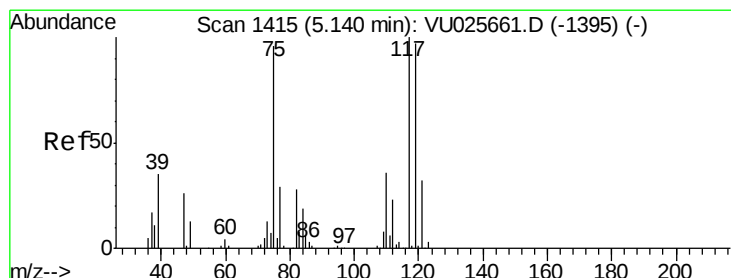
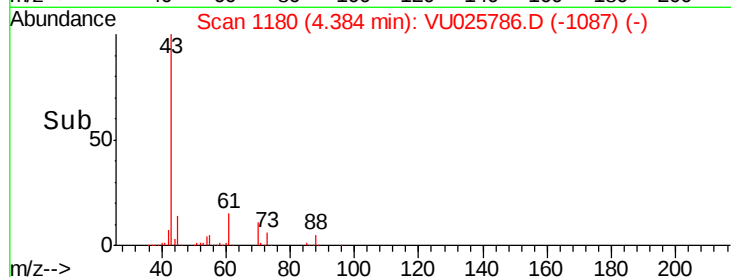
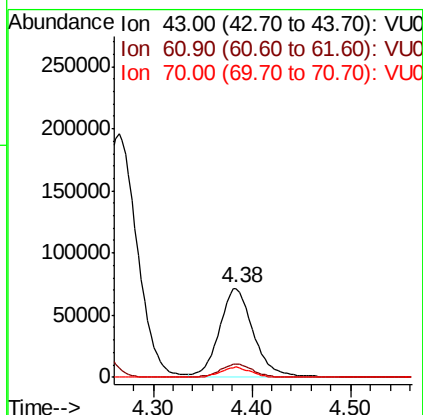
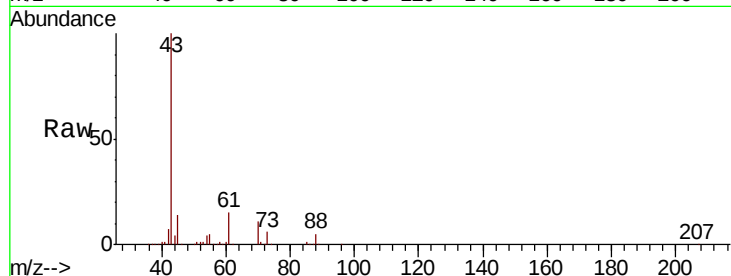




#37
Ethyl Acetate
Concen: 49.13 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

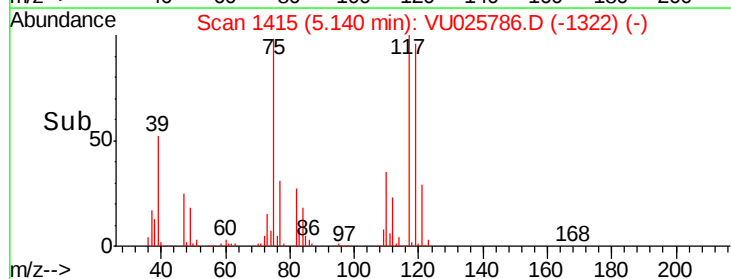
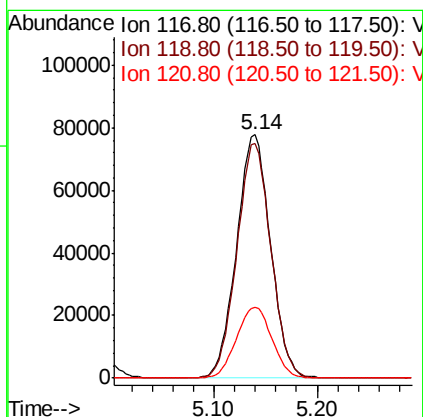
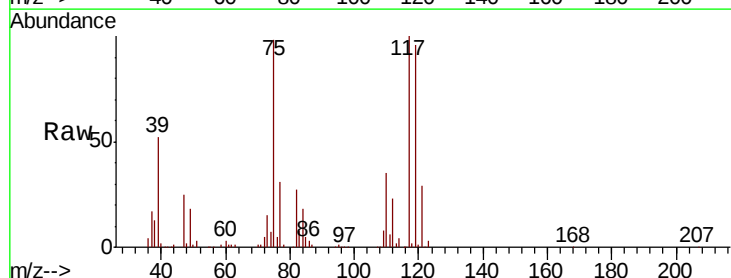
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

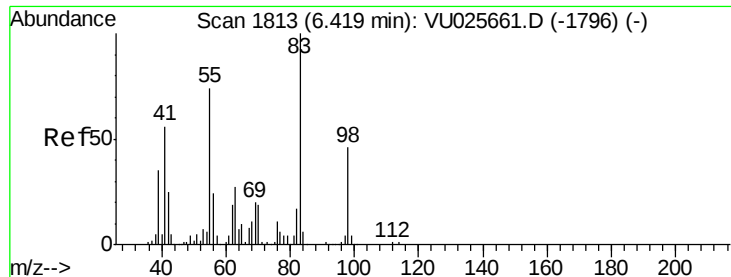
Tot Ion	43	Resp	169353
Ion Ratio	Lower	Upper	
43	100		
61	14.2	10.7	16.1
70	10.6	8.4	12.6



#38
Carbon Tetrachloride
Concen: 47.40 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion	117	Resp	178484
Ion Ratio	Lower	Upper	
117	100		
119	96.3	75.7	113.5
121	28.9	24.6	36.8

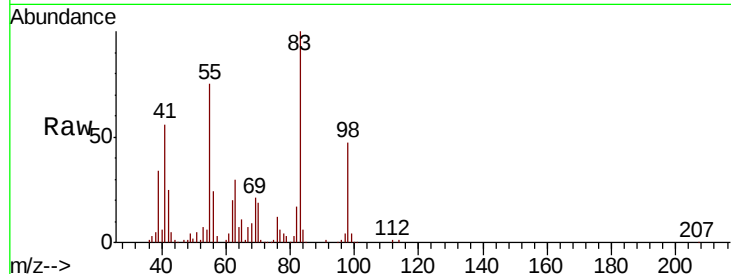




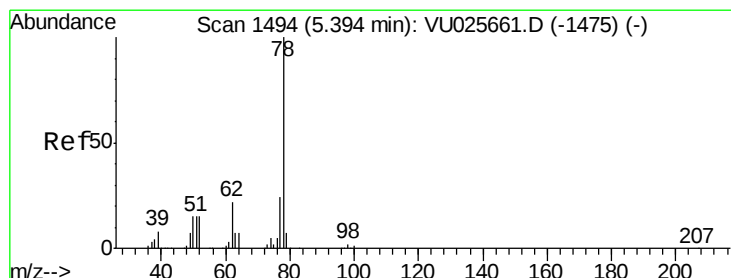
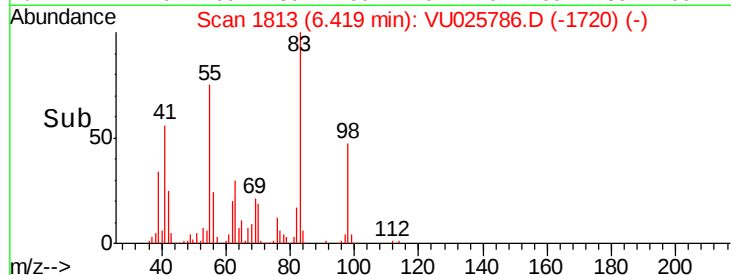
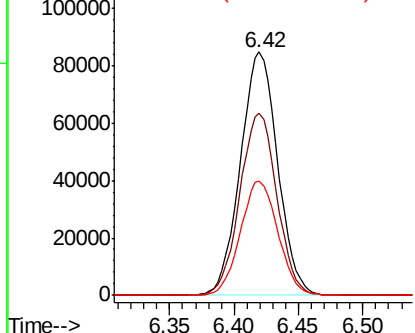
#39
Methvlcvclohexane
Concen: 44.86 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 170858
Ion Ratio Lower Upper
83 100
55 75.1 60.0 90.0
98 47.0 36.1 54.1

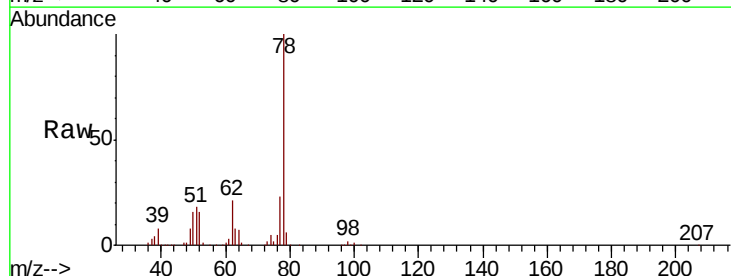


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

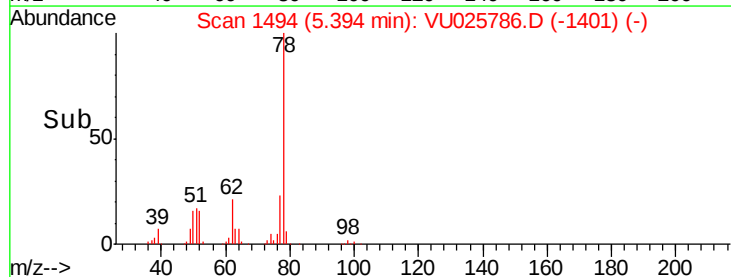
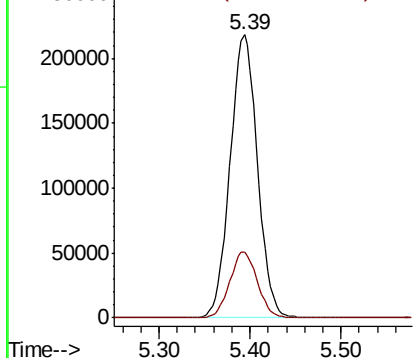


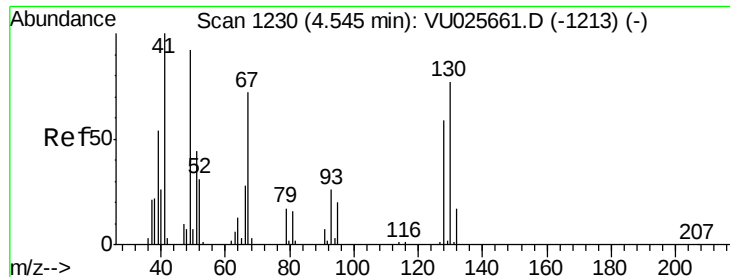
#40
Benzene
Concen: 46.86 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 78 Resp: 455398
Ion Ratio Lower Upper
78 100
77 23.0 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

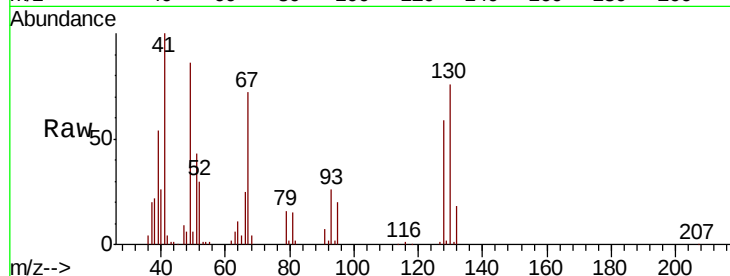




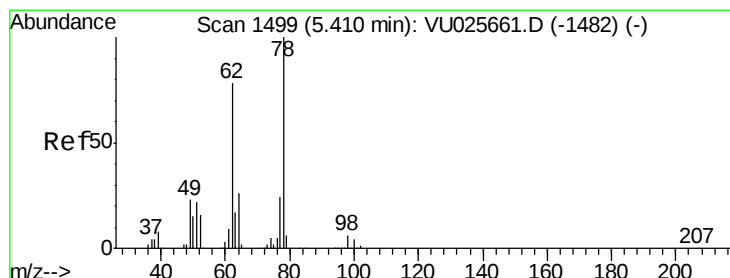
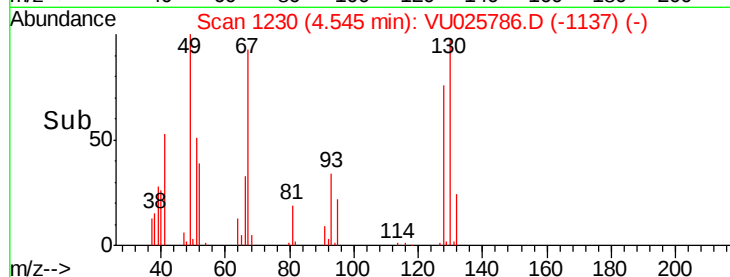
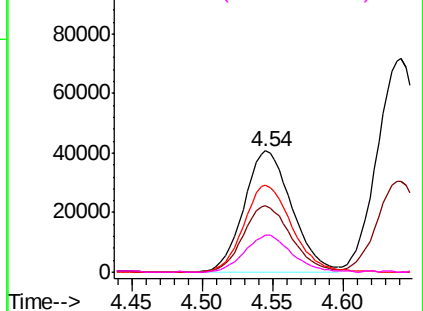
#41
Methacrylonitrile
Concen: 50.54 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	96772
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.4	66.6
67	72.2	56.0	84.0
52	29.1	24.6	36.8

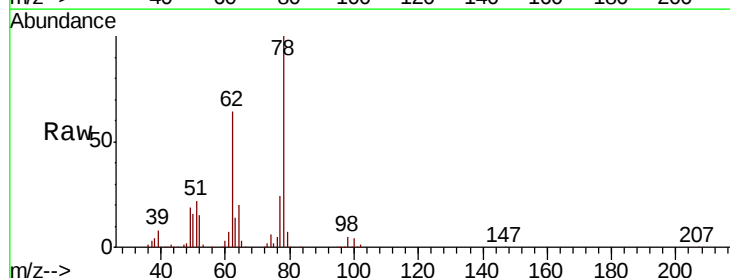


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

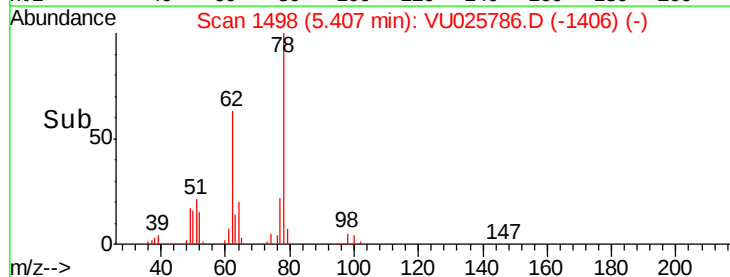
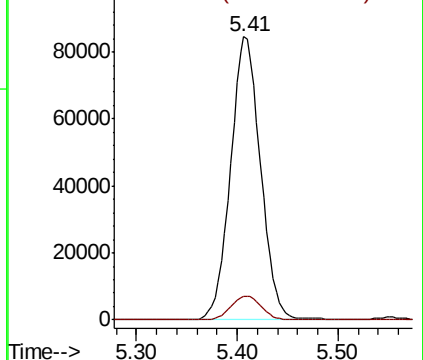


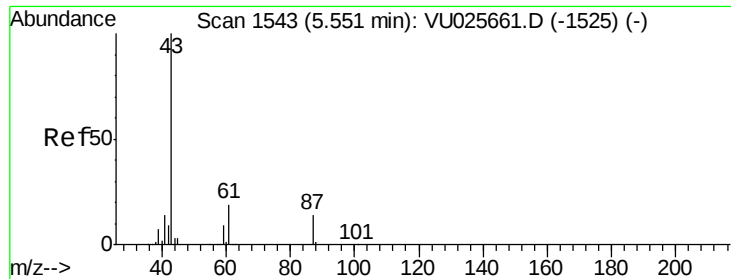
#42
1,2-Dichloroethane
Concen: 46.71 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion:	62	Resp:	174793
Ion	Ratio	Lower	Upper
62	100		
98	8.5	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: 48.86 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

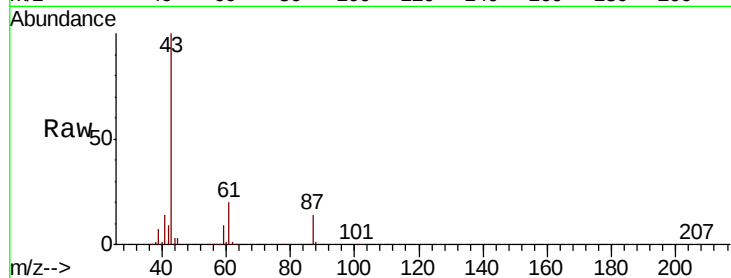
Tot Ion: 43 Resp: 278339

Ion Ratio Lower Upper

43 100

61 20.0 15.5 23.3

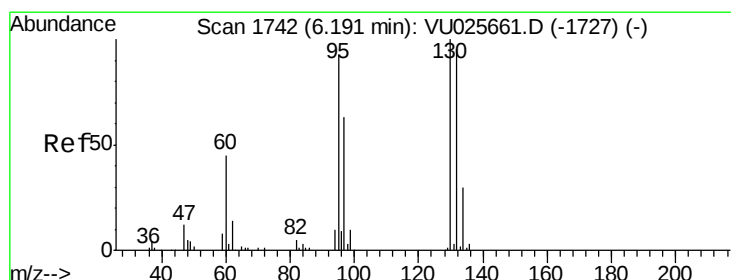
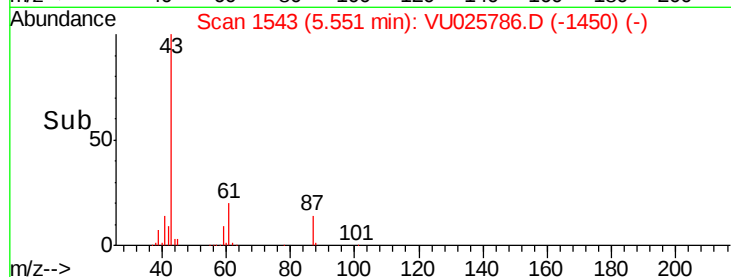
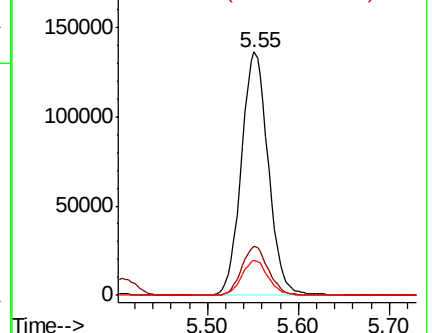
87 14.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-1525) (-)

Ion 61.00 (60.70 to 61.70): VU025661.D (-1525) (-)

Ion 87.00 (86.70 to 87.70): VU025661.D (-1525) (-)



#44

Trichloroethene

Concen: 47.94 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025786.D

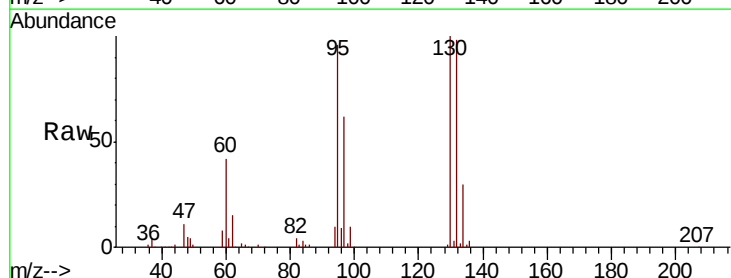
Acq: 01 Aug 2018 19:03

Tgt Ion: 130 Resp: 129732

Ion Ratio Lower Upper

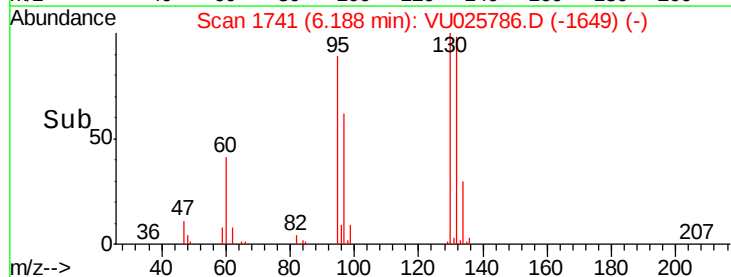
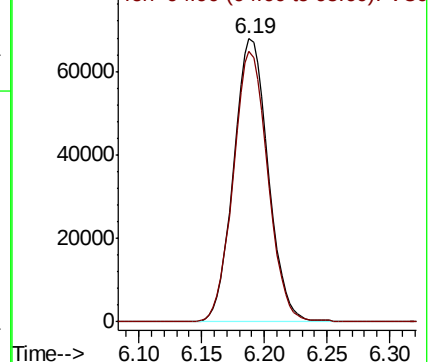
130 100

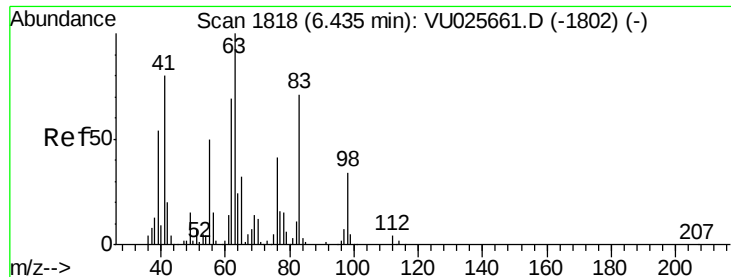
95 95.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025661.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025661.D (-1727) (-)





#45

1,2-Dichloropropane

Concen: 47.52 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

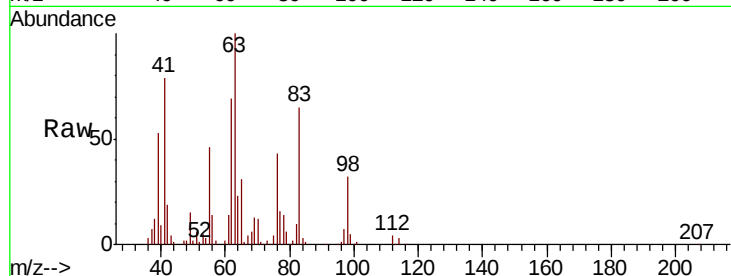
VSTDCCC050EC

Tot Ion: 63 Resp: 120440

Ion Ratio Lower Upper

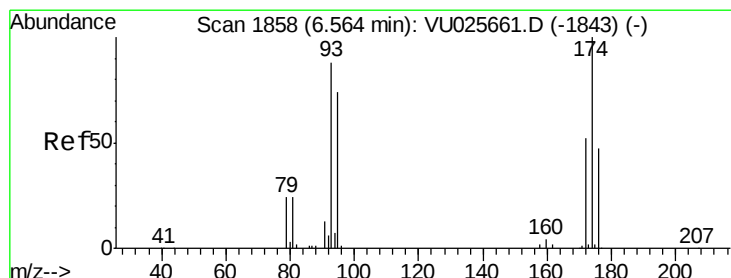
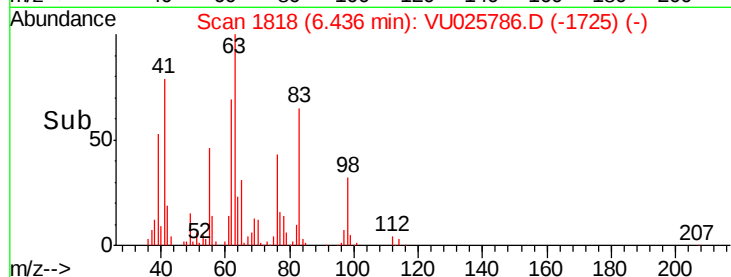
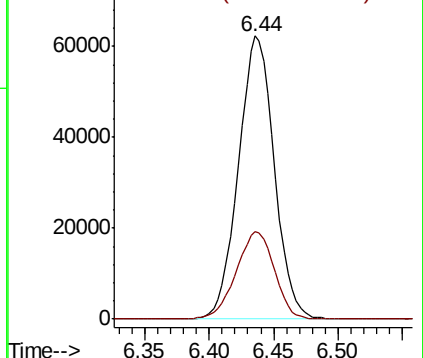
63 100

65 31.1 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 47.96 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

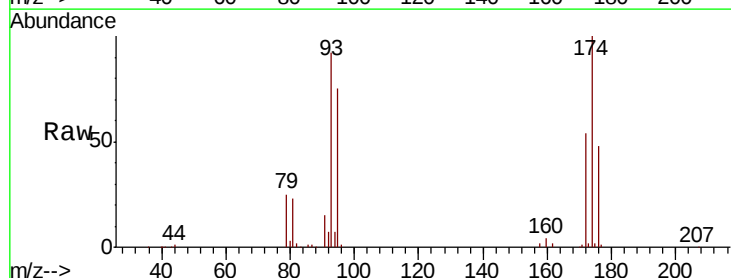
Tgt Ion: 93 Resp: 88073

Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

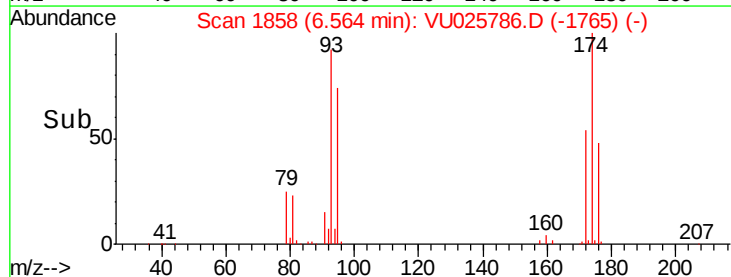
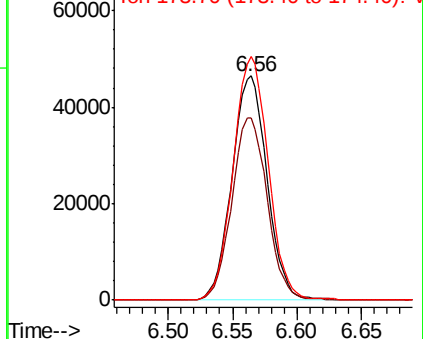
174 108.7 85.8 128.8

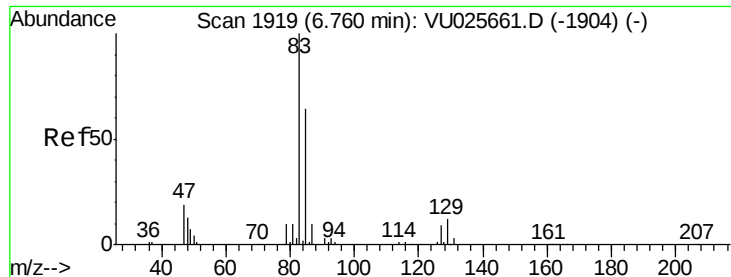


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.18 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

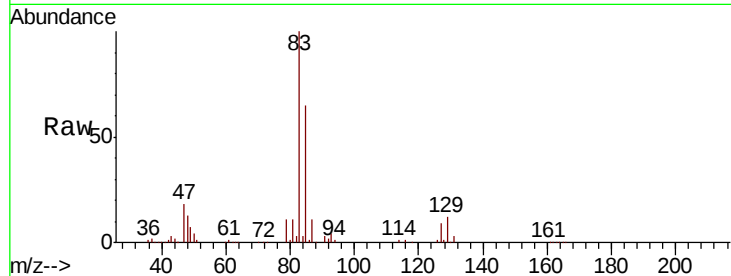
Tot Ion: 83 Resp: 168751

Ion Ratio Lower Upper

83 100

85 65.1 50.2 75.4

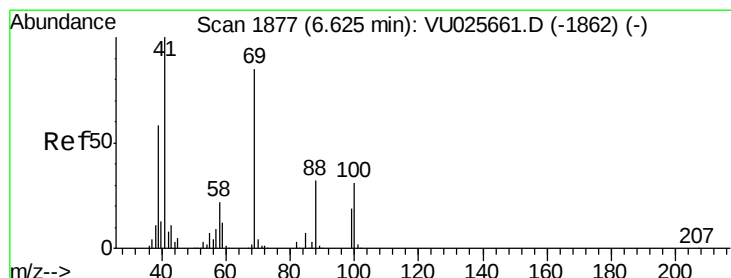
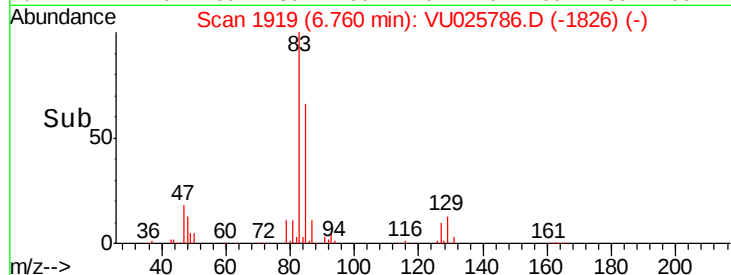
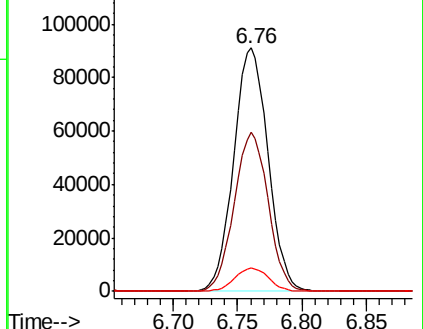
127 9.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU025786.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025786.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025786.D (-1826) (-)



#48

Methyl methacrylate

Concen: 51.60 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

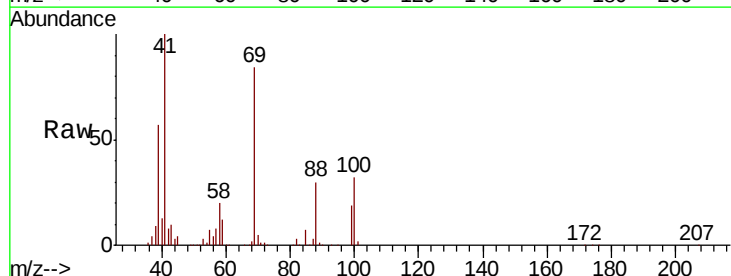
Tgt Ion: 41 Resp: 144053

Ion Ratio Lower Upper

41 100

69 84.5 65.0 97.4

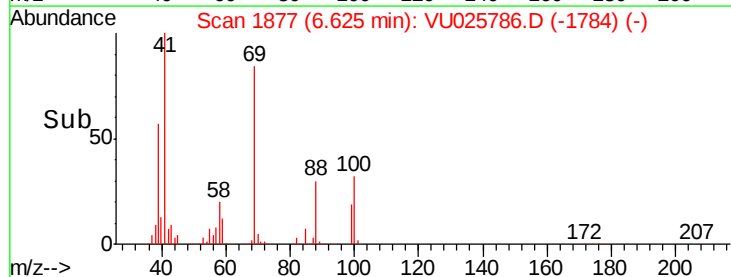
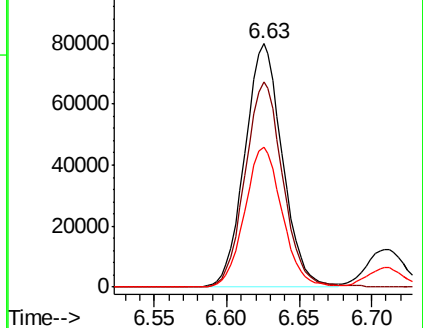
39 56.7 46.4 69.6

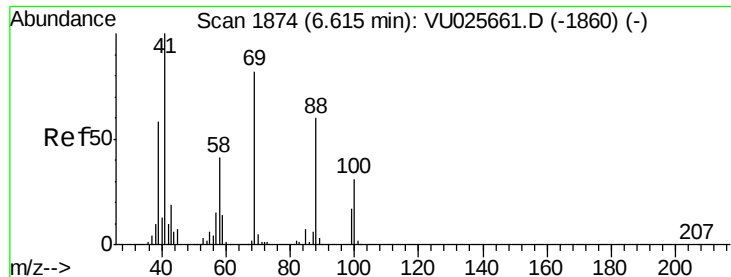


Abundance Ion 41.00 (40.70 to 41.70): VU025786.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU025786.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU025786.D (-1784) (-)

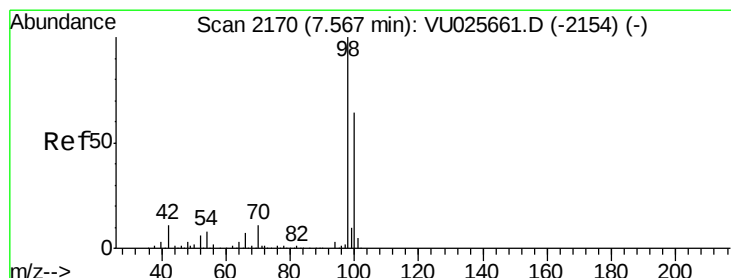
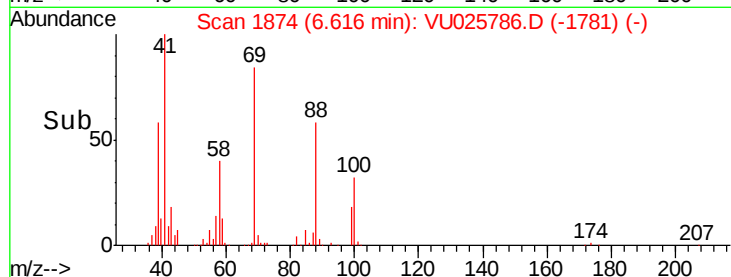
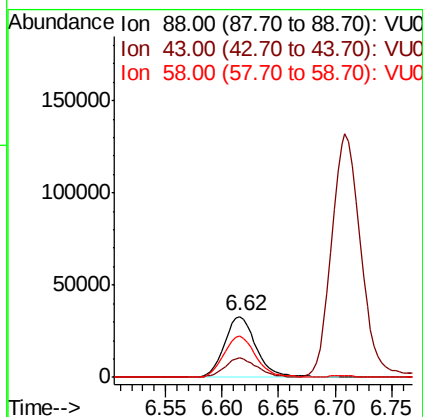
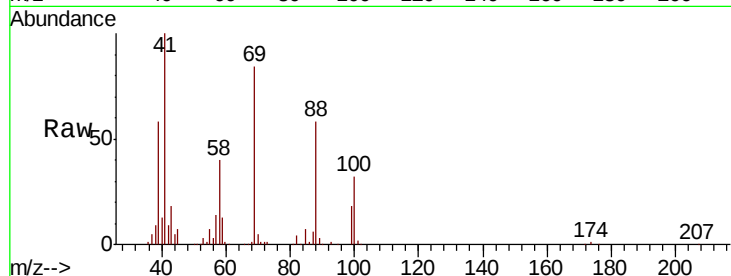




#49
1,4-Dioxane
Concen: 937.41 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

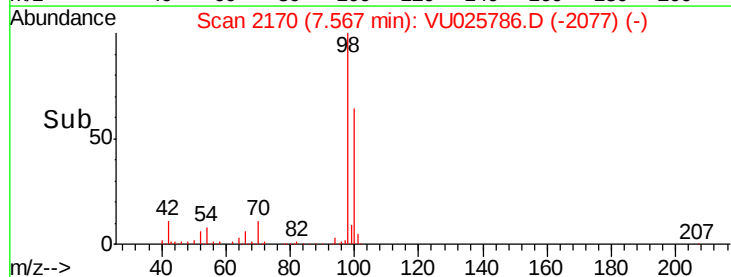
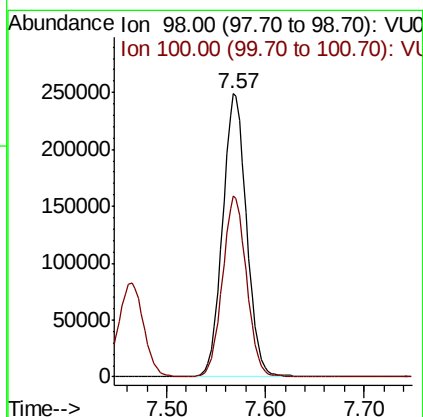
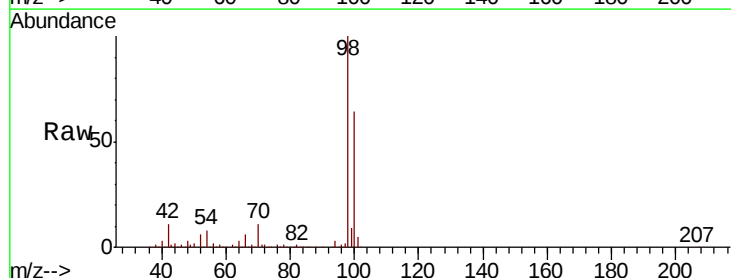
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

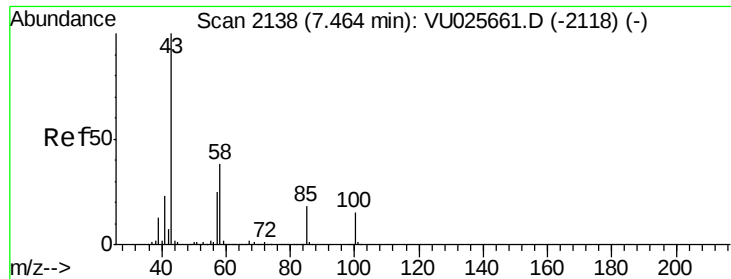
Tot Ion: 88 Resp: 63685
Ion Ratio Lower Upper
88 100
43 32.4 27.3 40.9
58 68.9 57.6 86.4



#50
Toluene-d8
Concen: 49.17 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 98 Resp: 425739
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 254.95 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

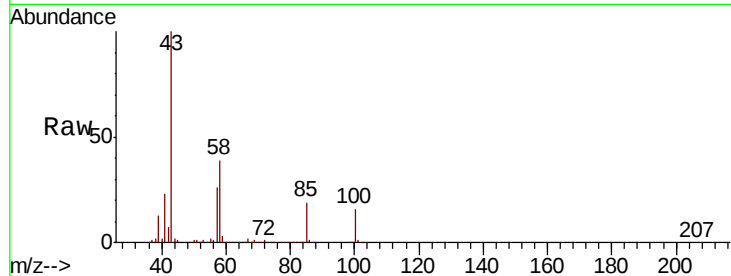
VSTDCCC050EC

Tot Ion: 43 Resp: 909199

Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-2118) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-2118) (-)

7.46

500000

400000

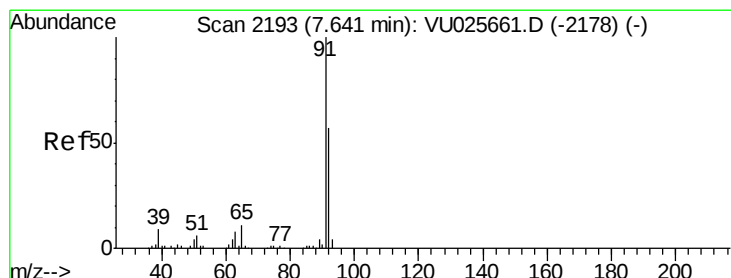
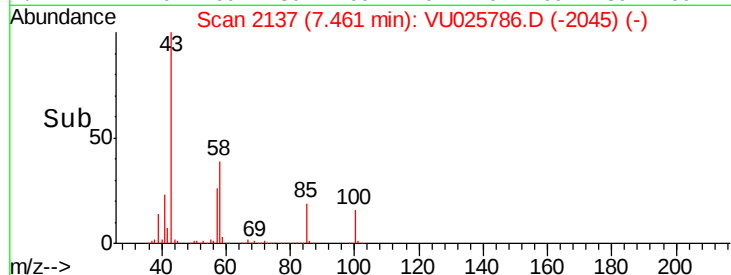
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.72 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025786.D

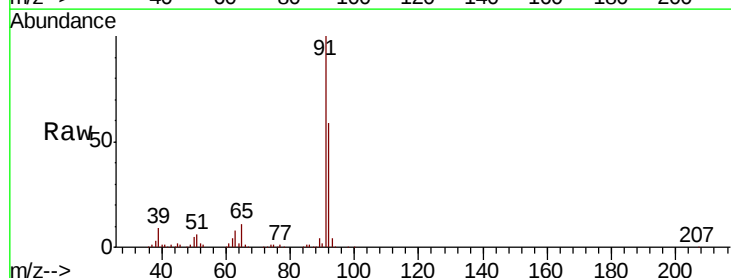
Acq: 01 Aug 2018 19:03

Tgt Ion: 92 Resp: 294100

Ion Ratio Lower Upper

92 100

91 172.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU025661.D (-2178) (-)

Ion 91.00 (90.70 to 91.70): VU025661.D (-2178) (-)

7.64

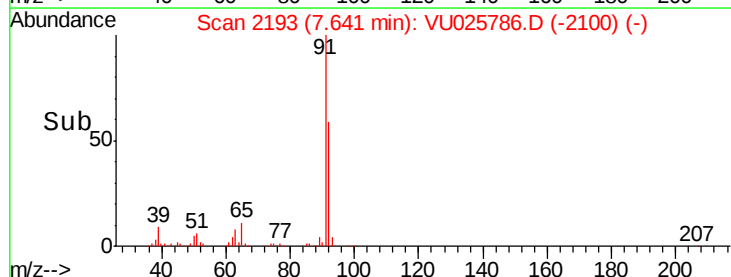
300000

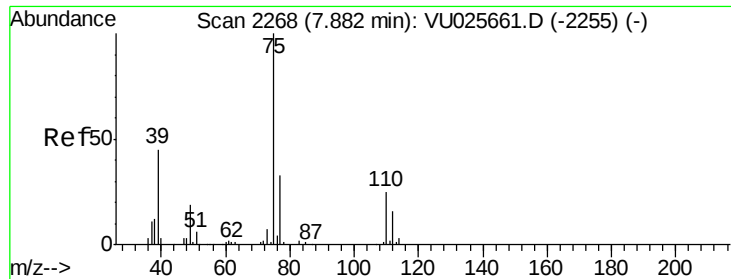
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.10 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

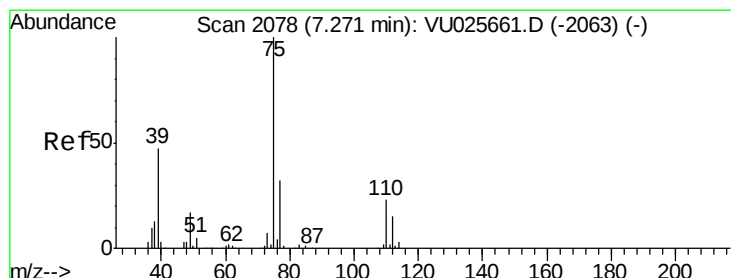
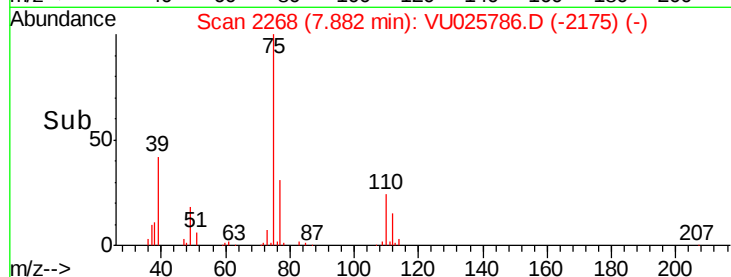
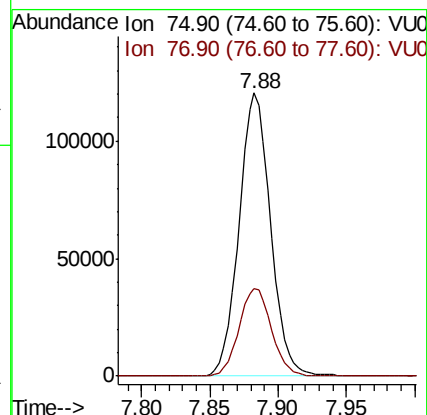
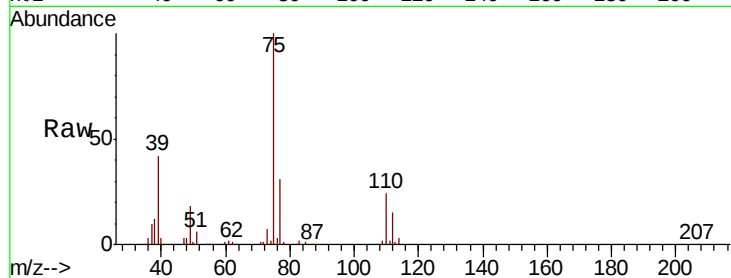
VSTDCCC050EC

Tot Ion: 75 Resp: 193109

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 49.55 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

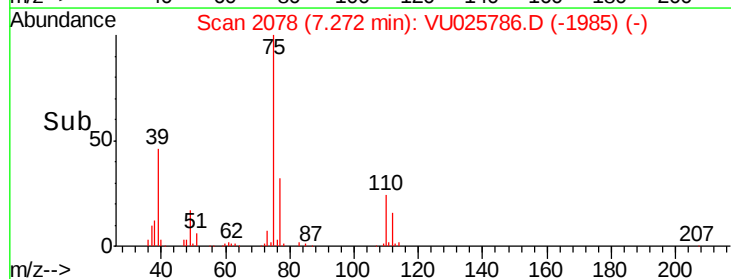
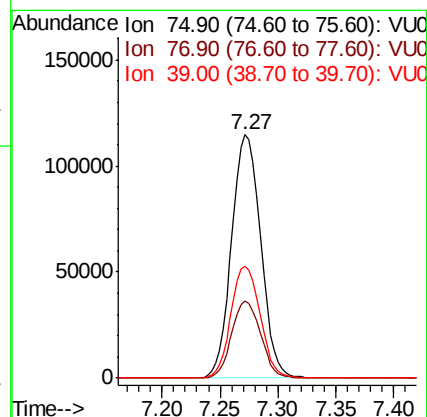
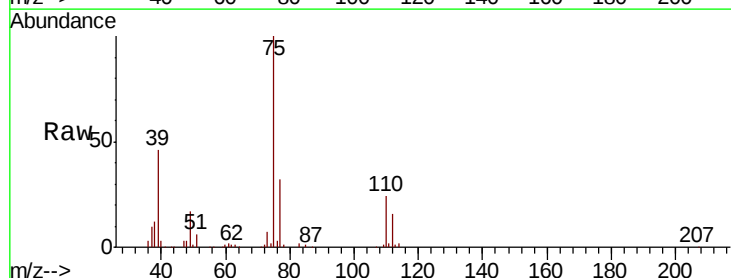
Tgt Ion: 75 Resp: 200176

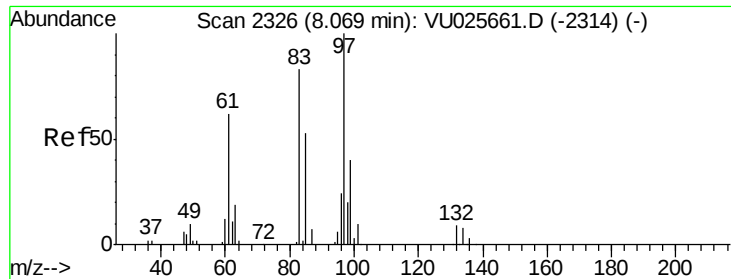
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 46.1 40.0 60.0

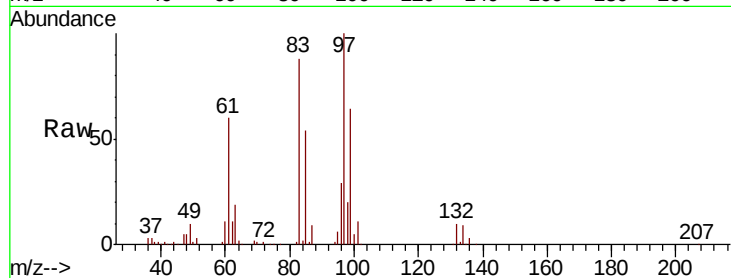




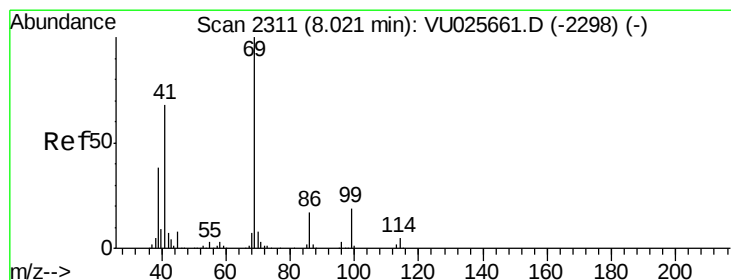
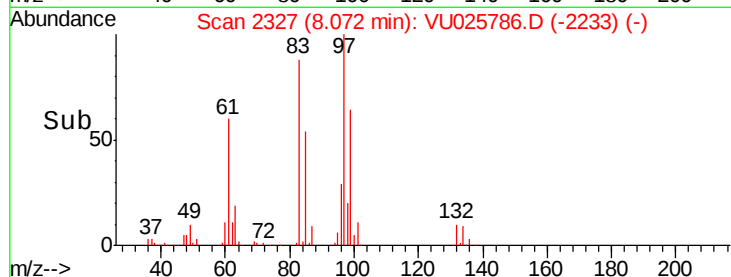
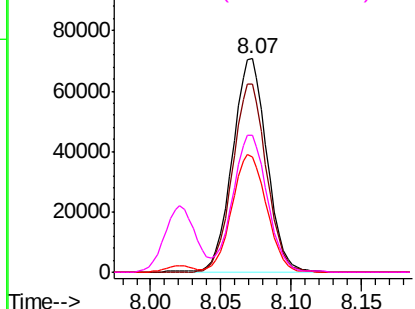
#55
 1,1,2-Trichloroethane
 Concen: 47.90 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	120168
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.9	103.3
85	53.8	44.4	66.6
99	63.7	51.0	76.4

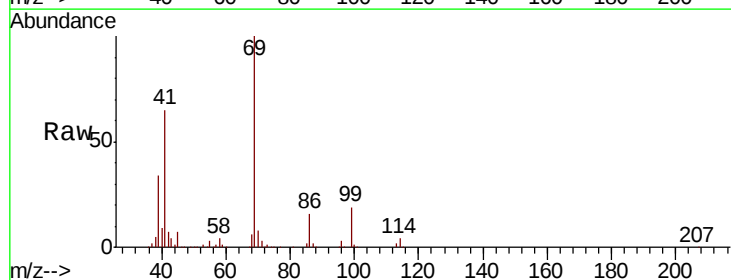


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

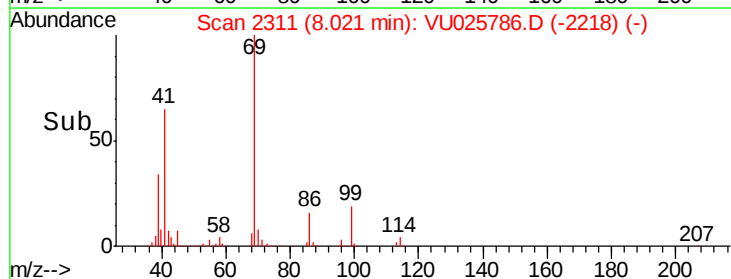
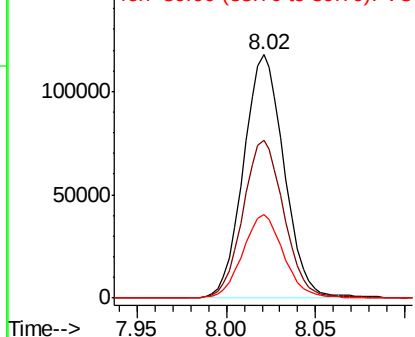


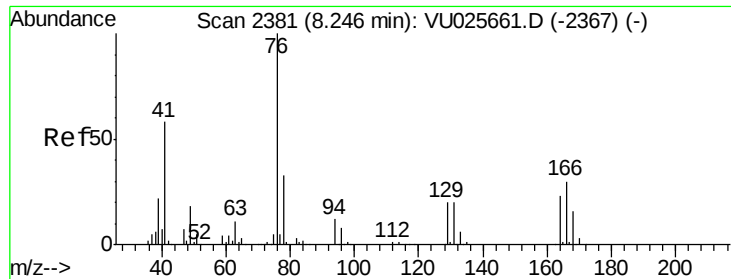
#56
 Ethyl methacrylate
 Concen: 52.12 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Tgt Ion:	69	Resp:	186828
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.8	82.2
39	34.7	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

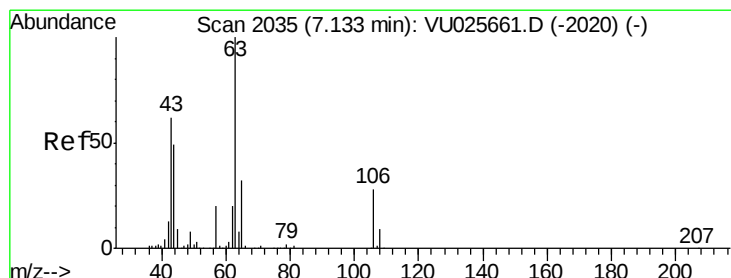
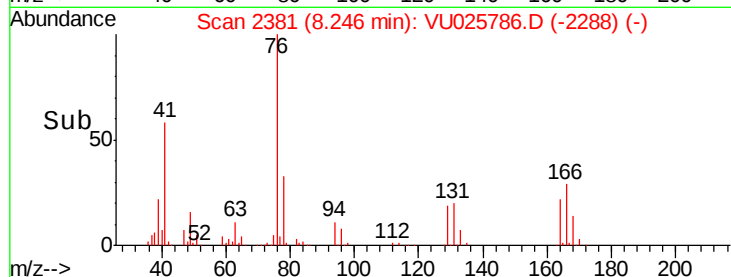
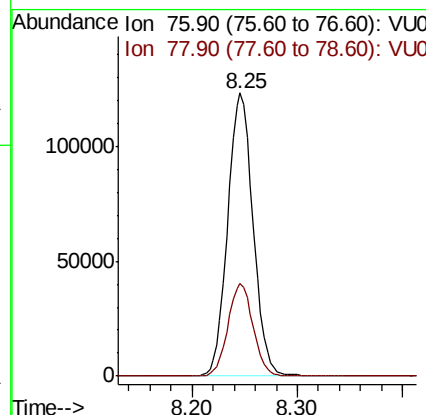
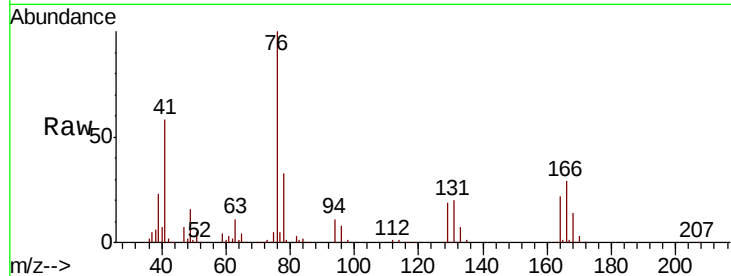




#57
 1,3-Dichloropropane
 Concen: 48.49 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

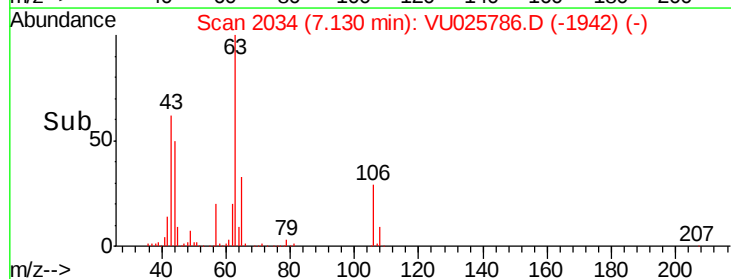
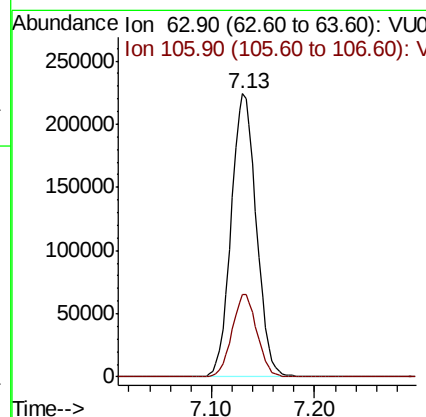
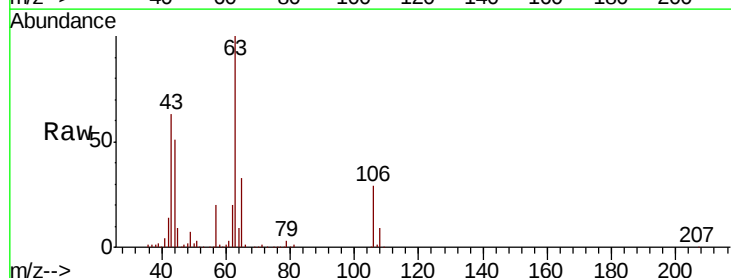
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

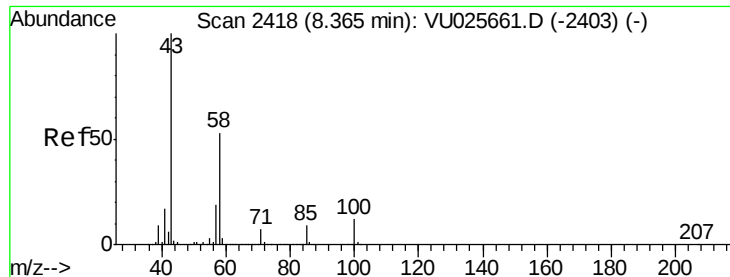
Tot Ion: 76 Resp: 204581
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.49 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Tgt Ion: 63 Resp: 381575
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.3 33.5

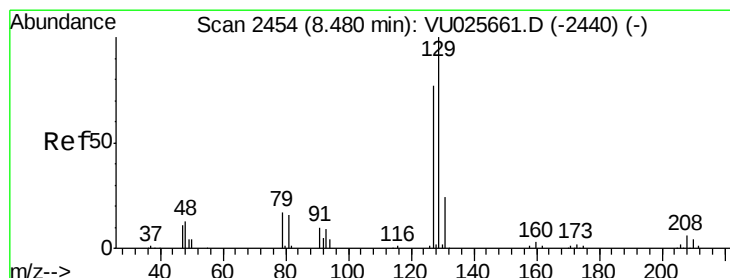
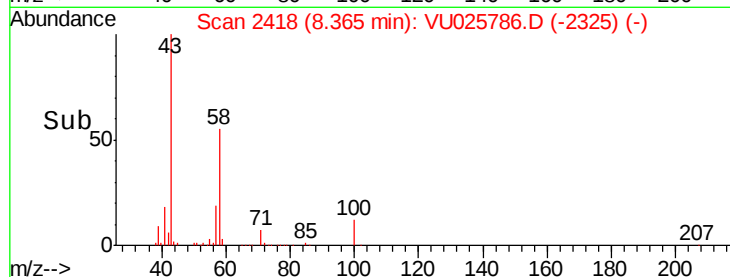
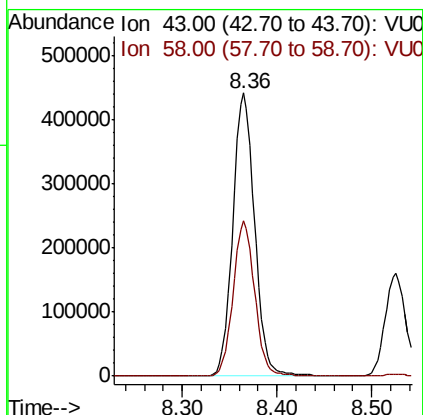
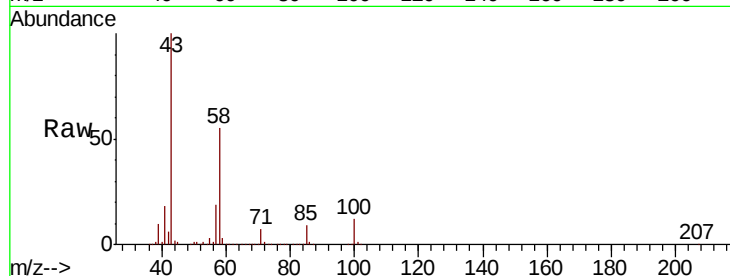




#59
2-Hexanone
Concen: 254.10 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

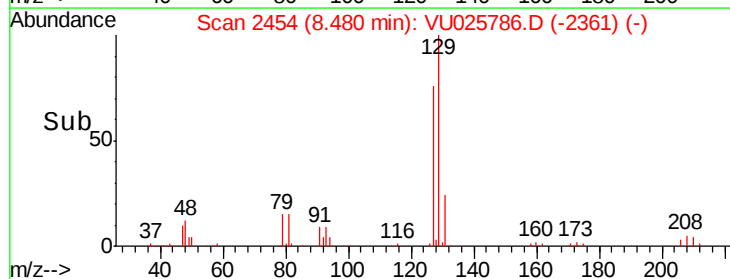
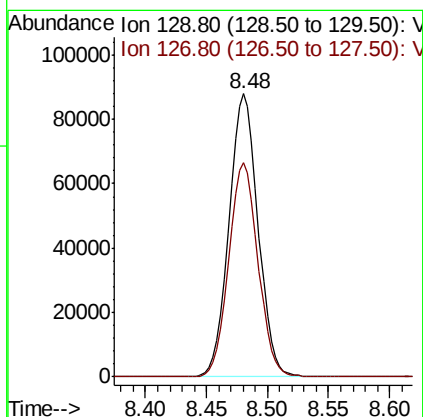
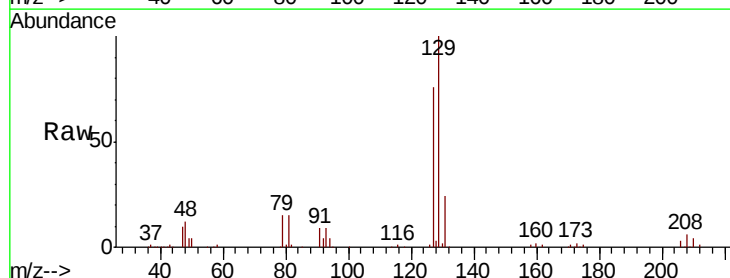
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

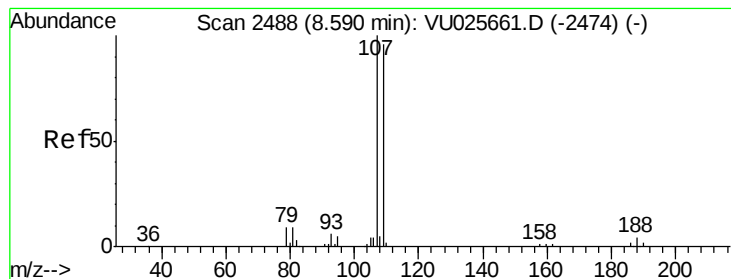
Tot Ion: 43 Resp: 710335
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5



#60
Dibromochloromethane
Concen: 49.39 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 129 Resp: 146119
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.18 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

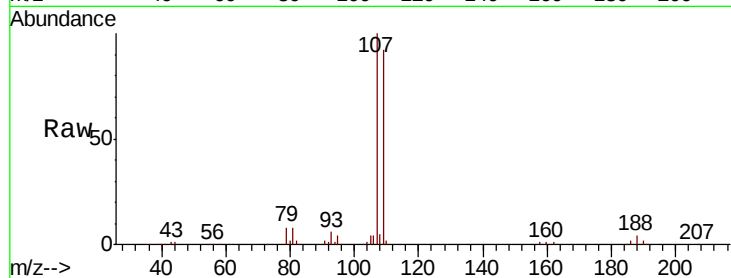
VSTDCCC050EC

Tot Ion:107 Resp: 137228

Ion Ratio Lower Upper

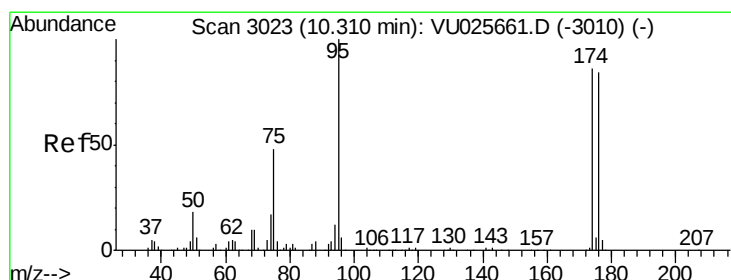
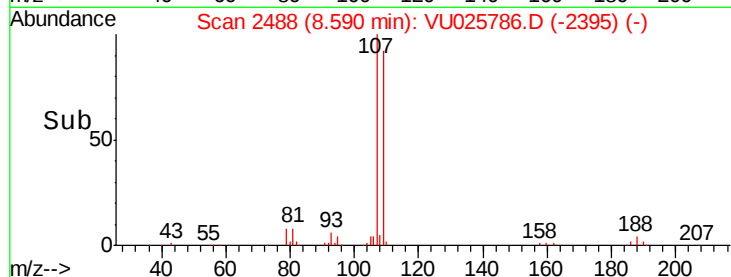
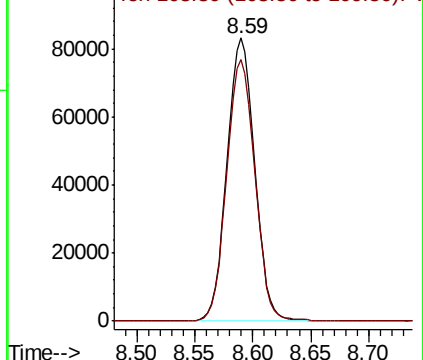
107 100

109 93.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.93 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

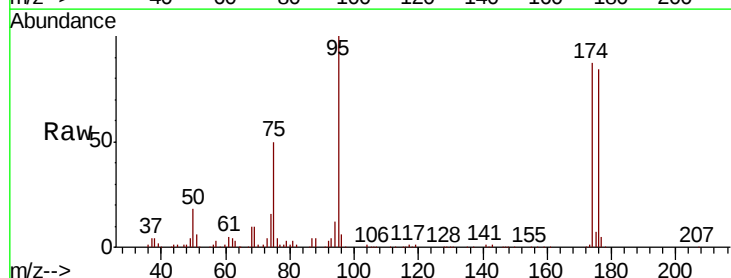
Tgt Ion: 95 Resp: 167780

Ion Ratio Lower Upper

95 100

174 87.1 0.0 172.2

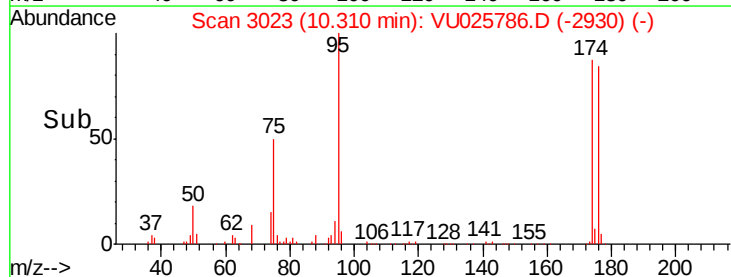
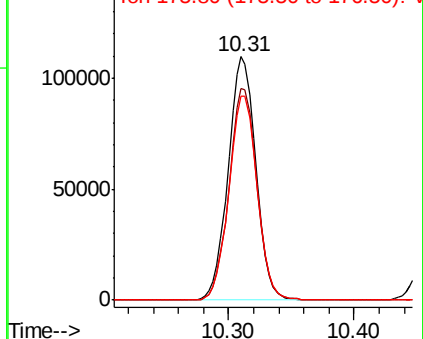
176 85.4 0.0 162.6

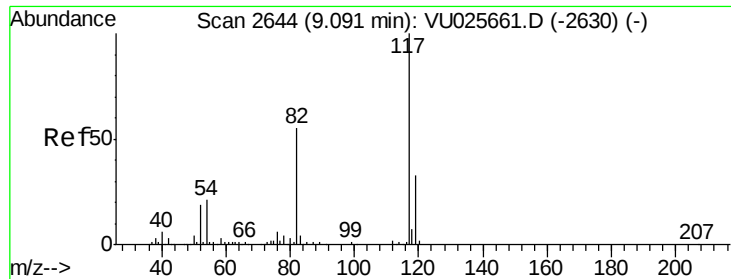


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

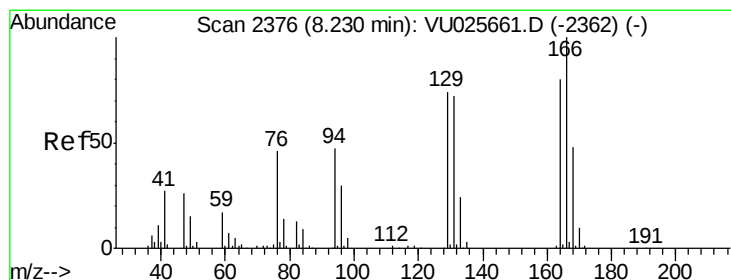
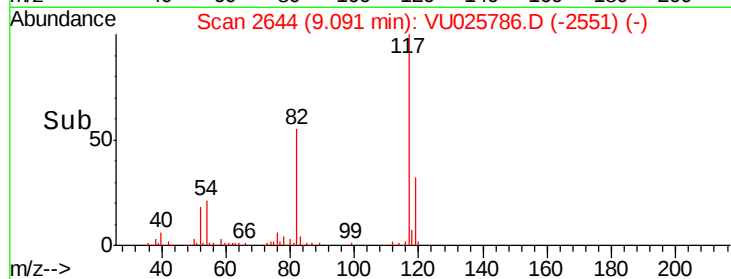
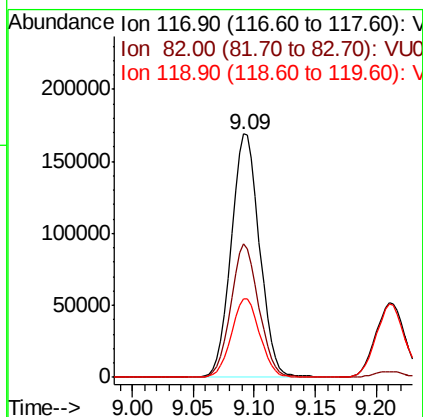
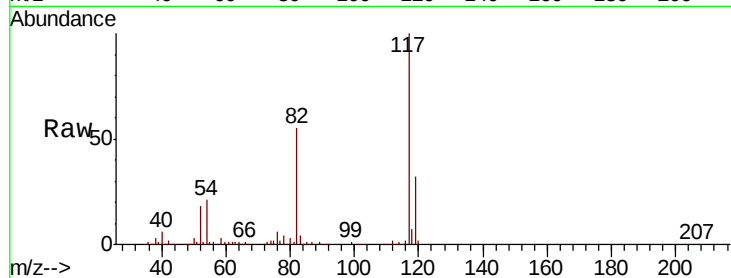




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

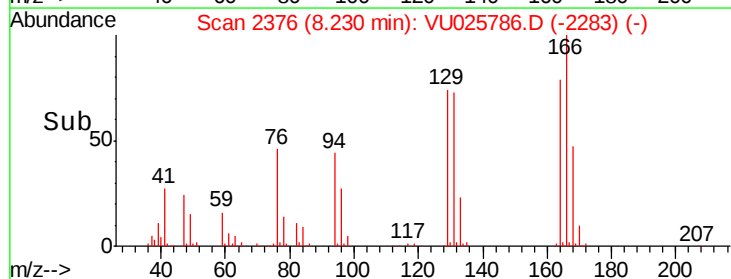
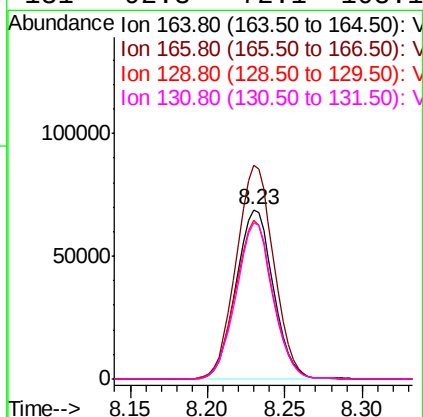
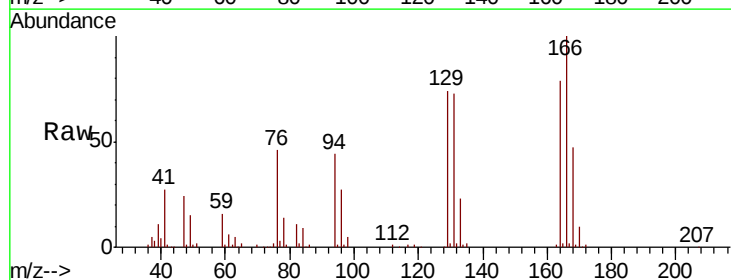
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

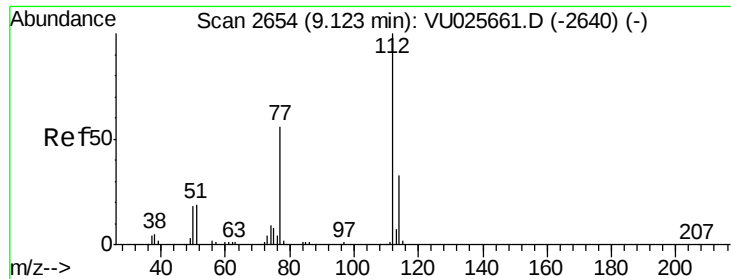
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.0	69.0
119	32.2	26.0	39.0



#64
Tetrachloroethene
Concen: 48.01 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.1	151.7
129	93.6	73.0	109.6
131	92.3	72.1	108.1

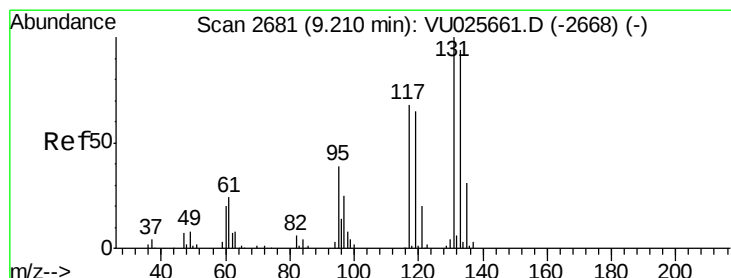
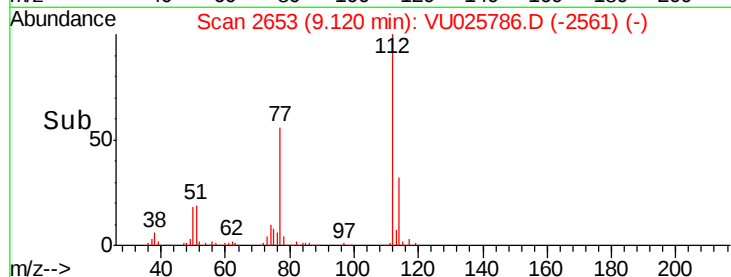
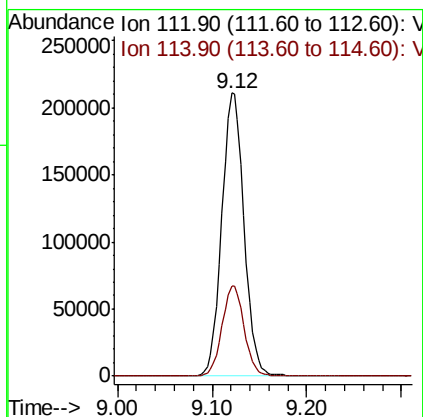
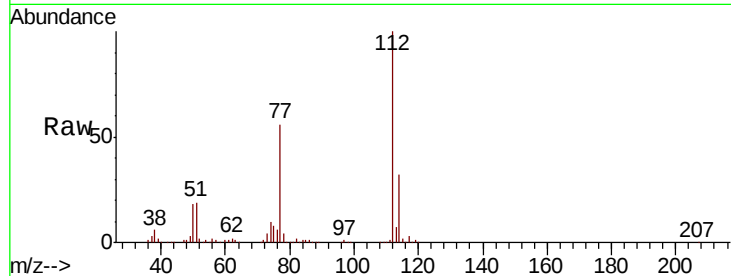




#65
Chlorobenzene
Concen: 48.61 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

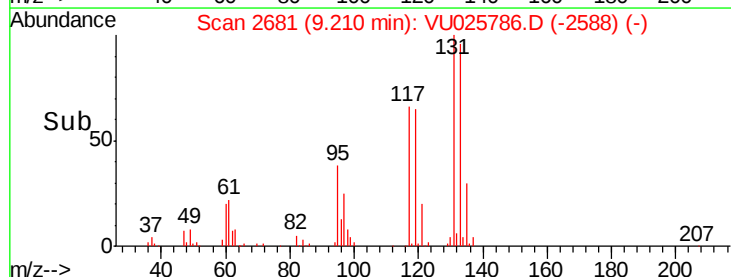
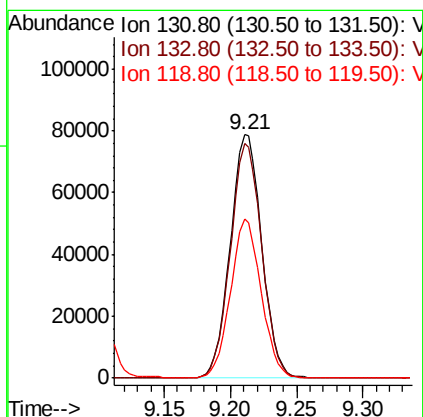
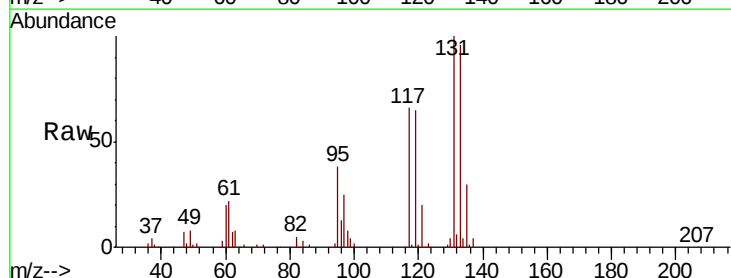
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

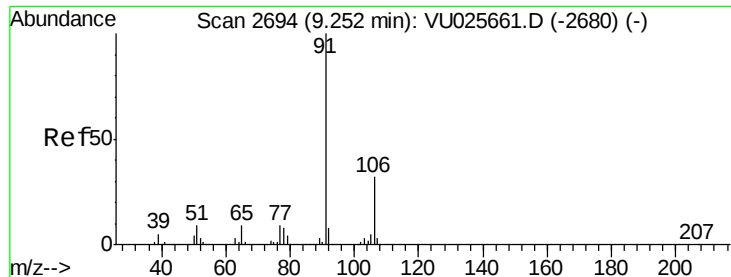
Tot Ion:112 Resp: 344157
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.75 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion:131 Resp: 129993
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 63.2 31.6 95.0

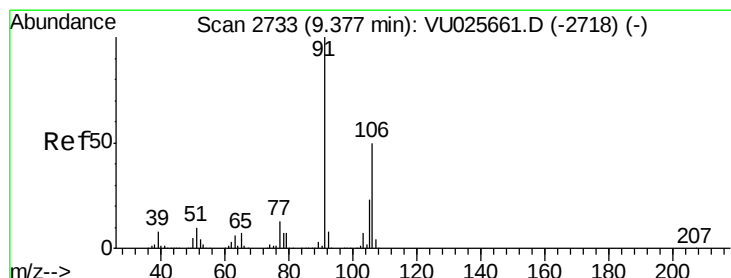
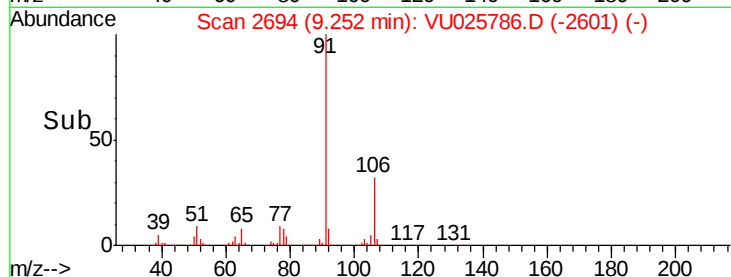
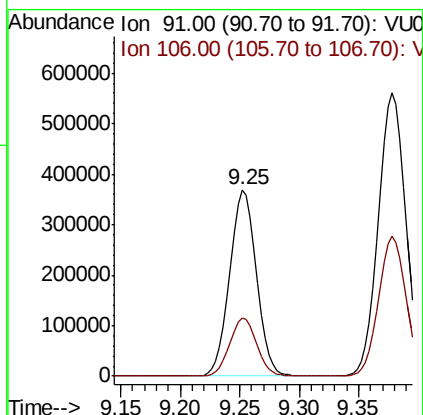
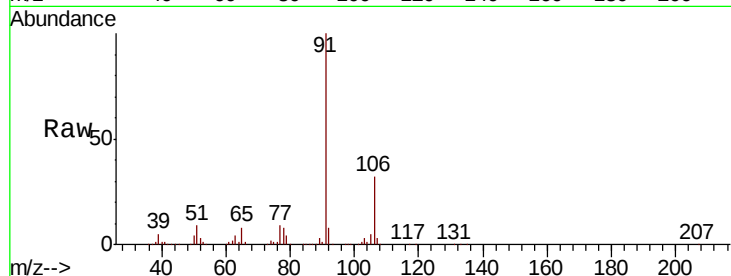




#67
Ethyl Benzene
Concen: 49.06 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

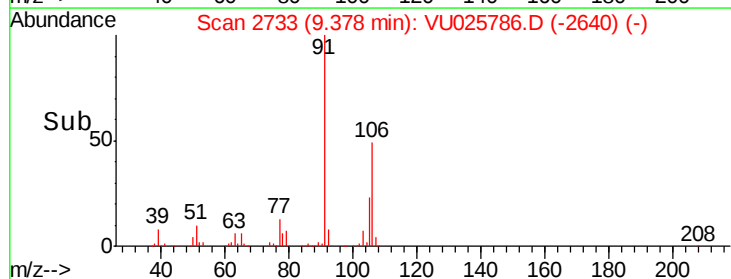
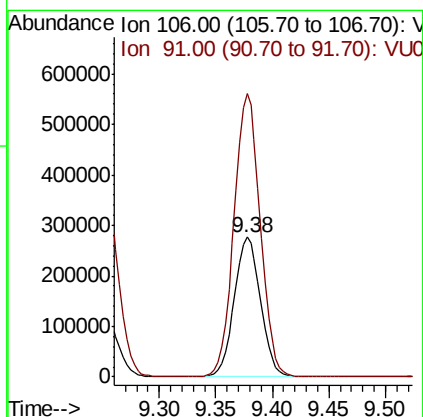
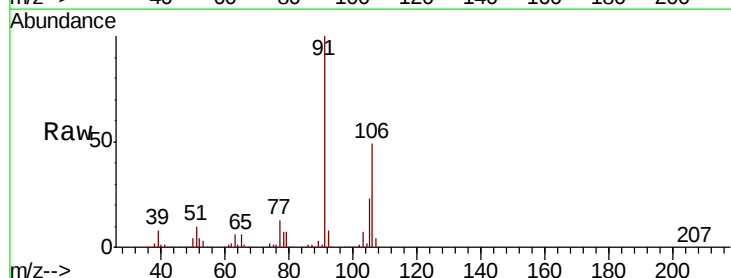
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 575376
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 99.33 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 106 Resp: 447213
Ion Ratio Lower Upper
106 100
91 202.5 162.3 243.5

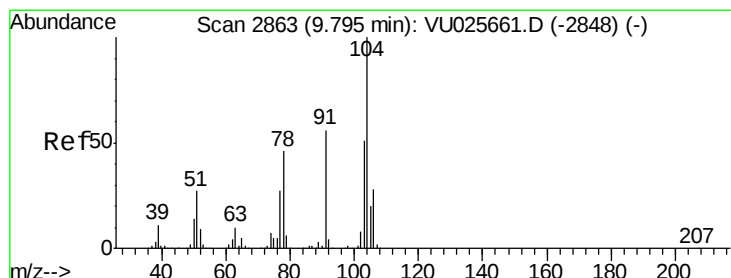
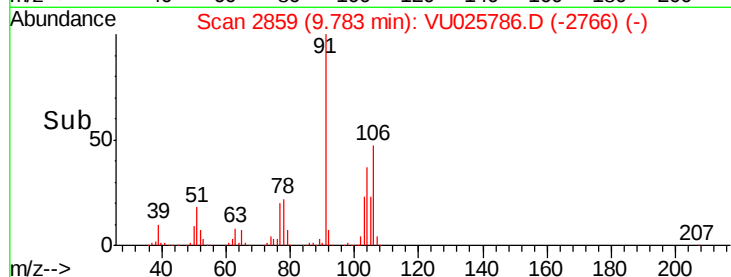
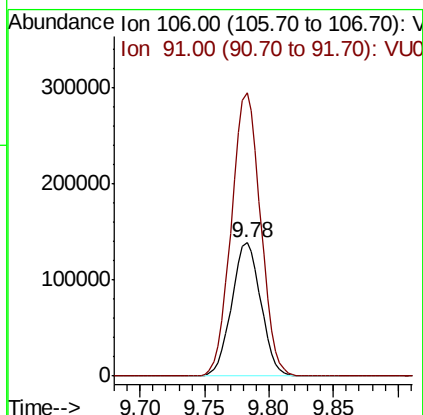
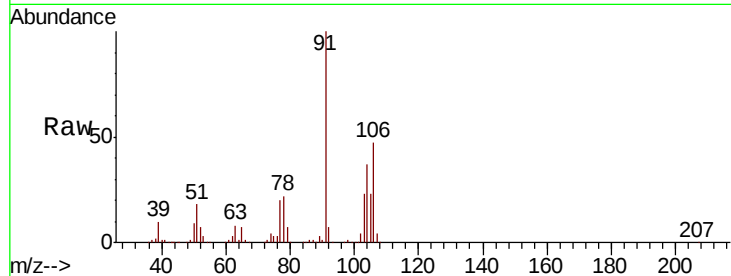




#69
o-Xylene
Concen: 49.48 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

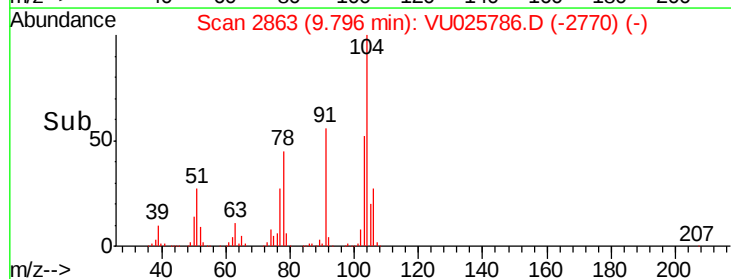
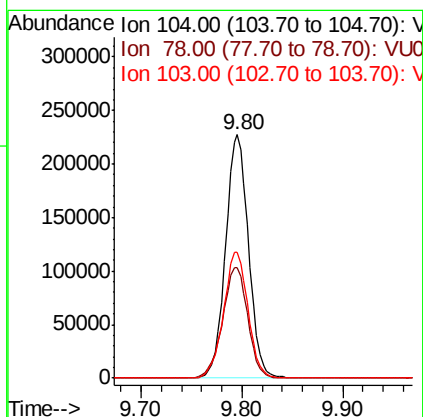
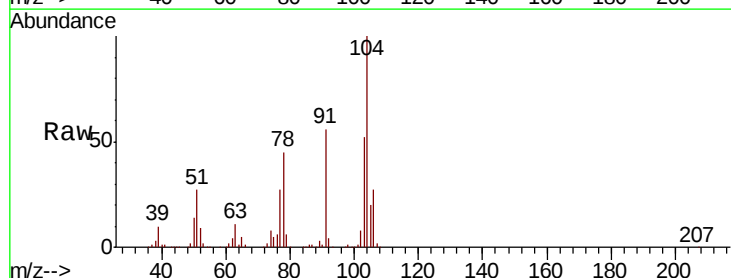
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

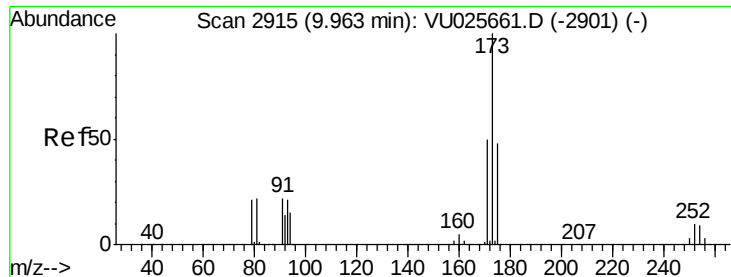
Tot Ion:106 Resp: 217733
Ion Ratio Lower Upper
106 100
91 212.3 105.3 315.8



#70
Styrene
Concen: 50.79 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion:104 Resp: 360981
Ion Ratio Lower Upper
104 100
78 49.7 41.6 62.4
103 55.1 44.6 66.8





#71

Bromoform

Concen: 51.66 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

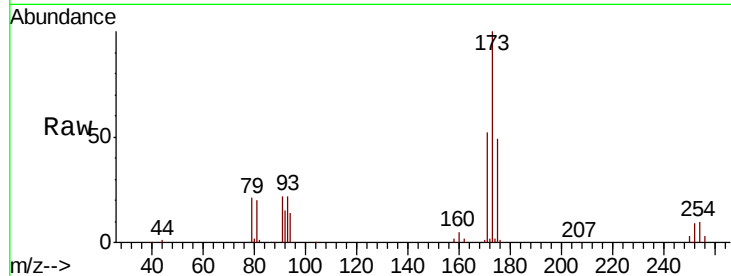
Tot Ion:173 Resp: 114731

Ion Ratio Lower Upper

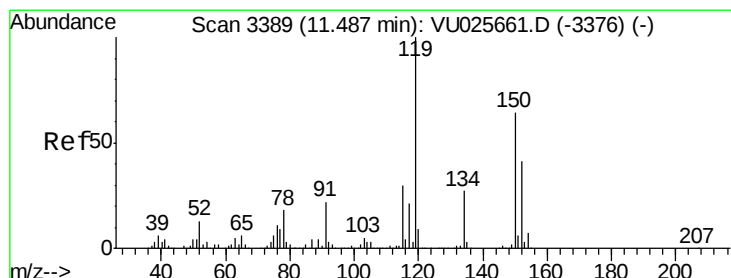
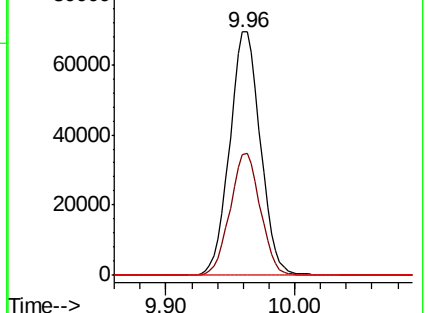
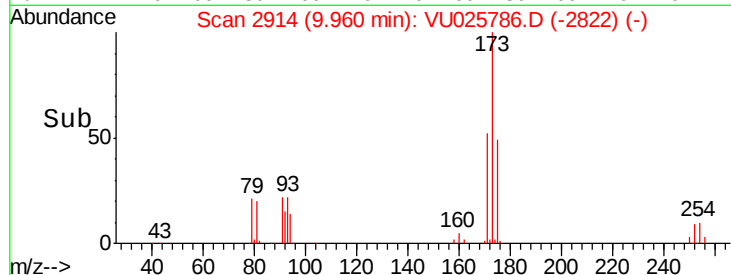
173 100

175 49.3 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

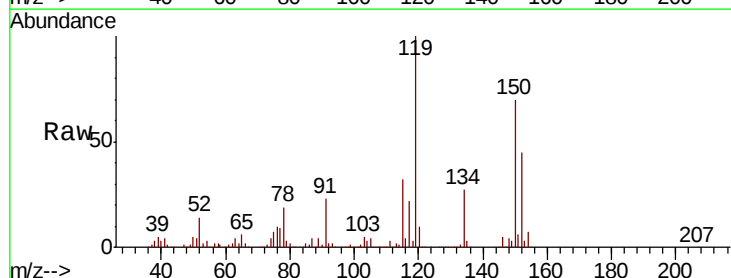
Tgt Ion:152 Resp: 172621

Ion Ratio Lower Upper

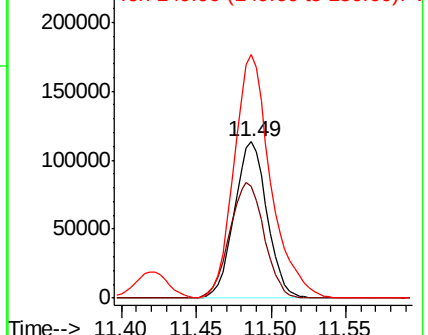
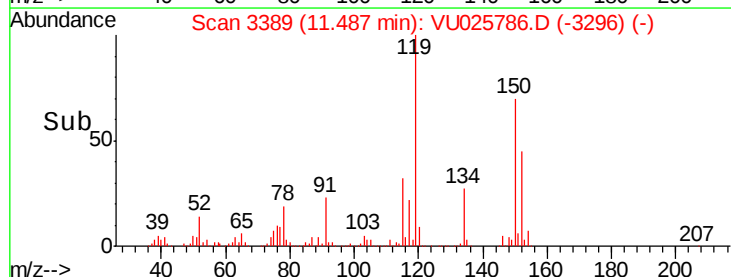
152 100

115 78.2 40.1 120.3

150 173.6 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: 49.62 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

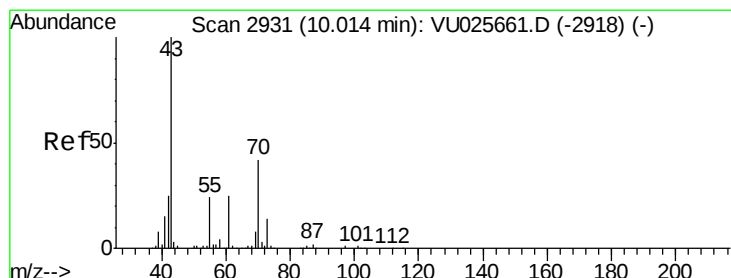
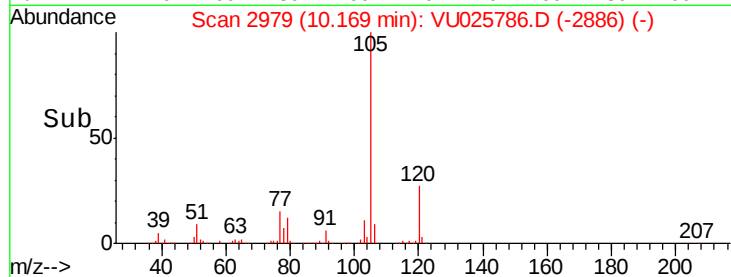
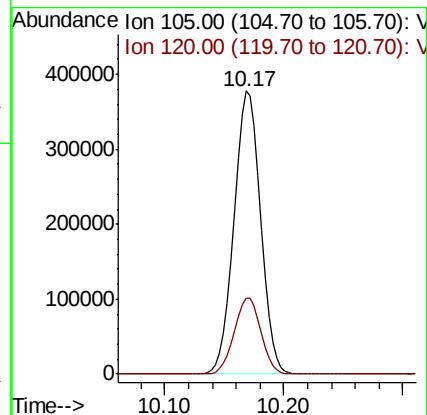
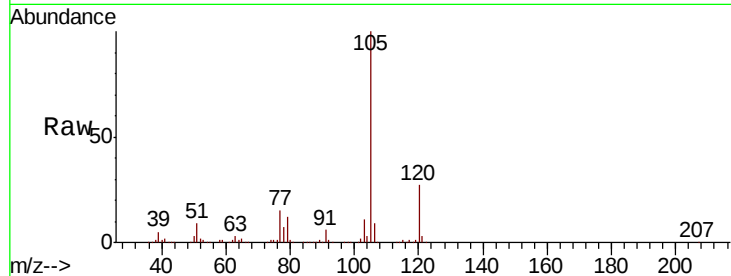
VSTDCCC050EC

Tot Ion:105 Resp: 584636

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 51.29 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Tgt Ion: 43 Resp: 246685

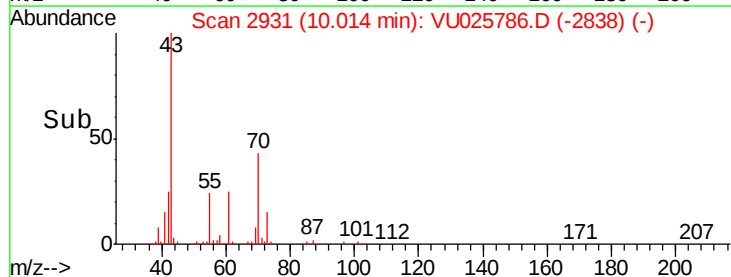
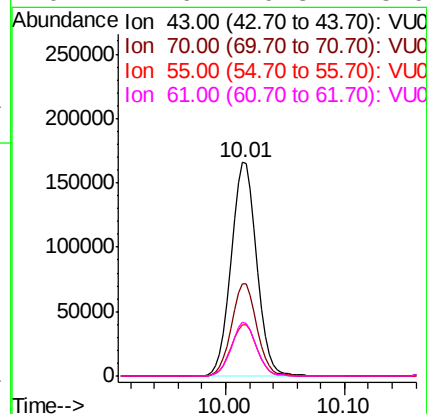
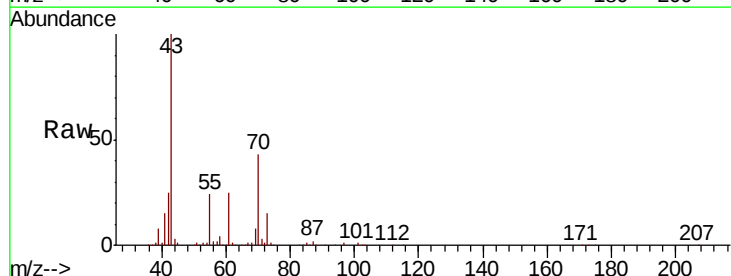
Ion Ratio Lower Upper

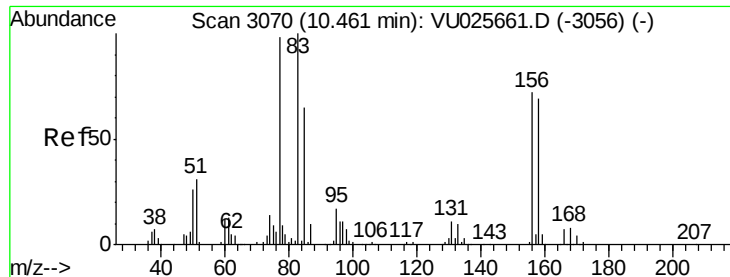
43 100

70 43.0 33.4 50.2

55 24.5 19.0 28.6

61 24.6 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.83 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

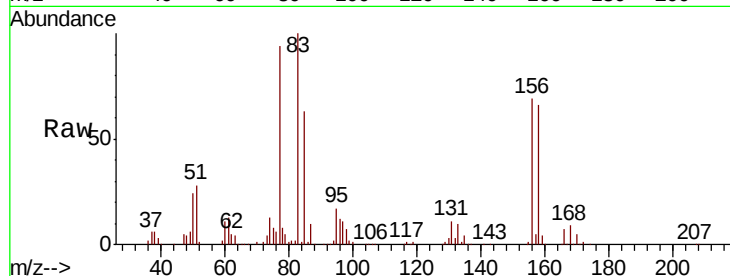
Tot Ion: 83 Resp: 203028

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

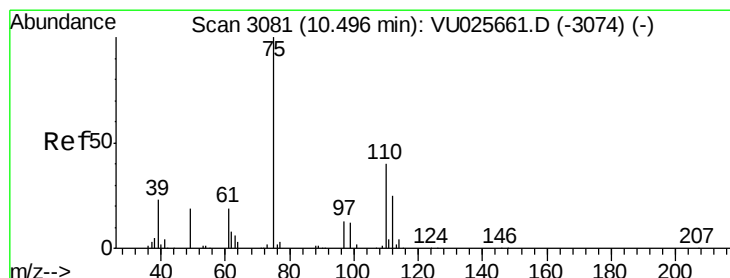
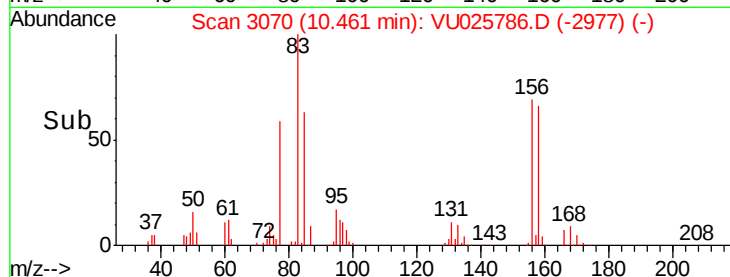
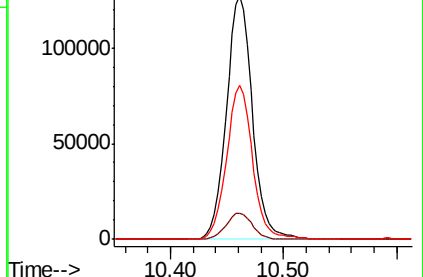
85 63.5 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025661.D (-3056) (-)

Ion 130.80 (130.50 to 131.50): VU025661.D (-3056) (-)

Ion 84.90 (84.60 to 85.60): VU025661.D (-3056) (-)



#76

1,2,3-Trichloropropane

Concen: 60.68 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025786.D

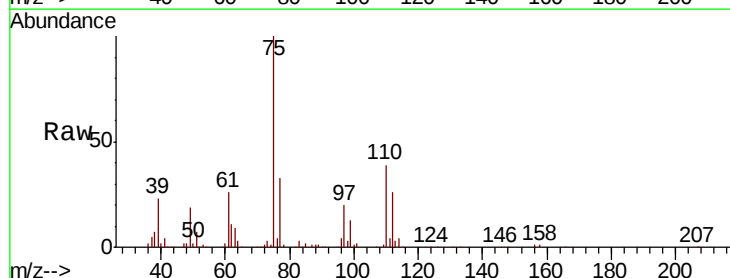
Acq: 01 Aug 2018 19:03

Tgt Ion: 75 Resp: 230774

Ion Ratio Lower Upper

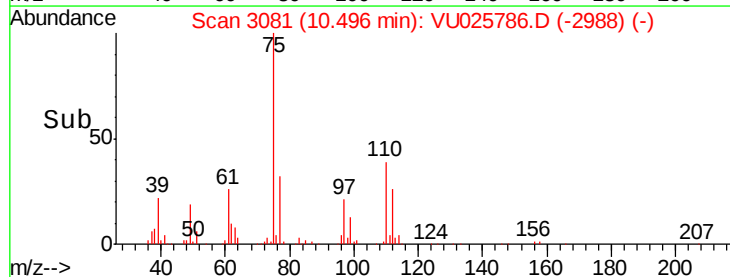
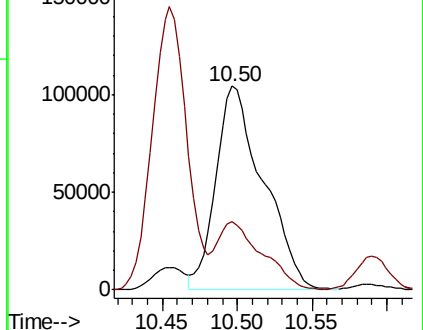
75 100

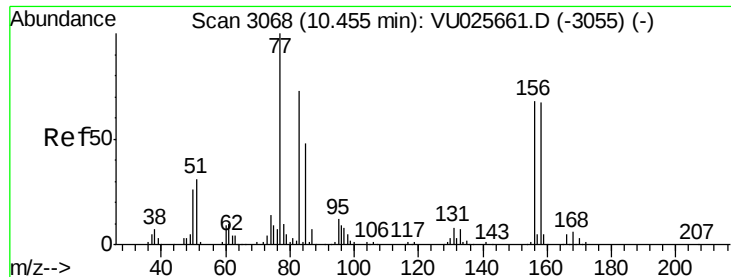
77 31.9 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025661.D (-3074) (-)

Ion 77.00 (76.70 to 77.70): VU025661.D (-3074) (-)





#77

Bromobenzene

Concen: 49.60 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

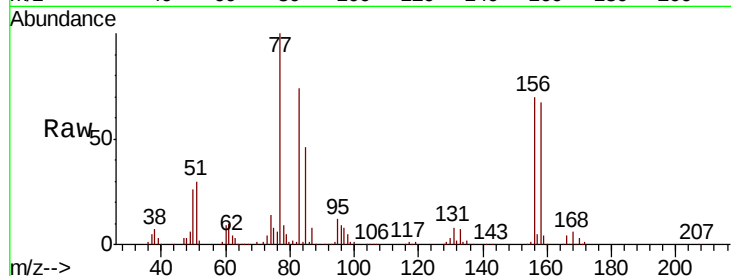
Tot Ion:156 Resp: 161176

Ion Ratio Lower Upper

156 100

77 144.5 73.8 221.4

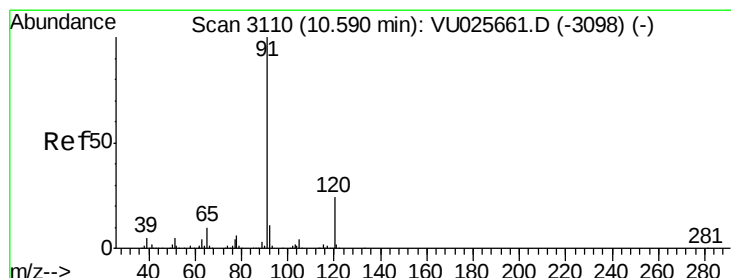
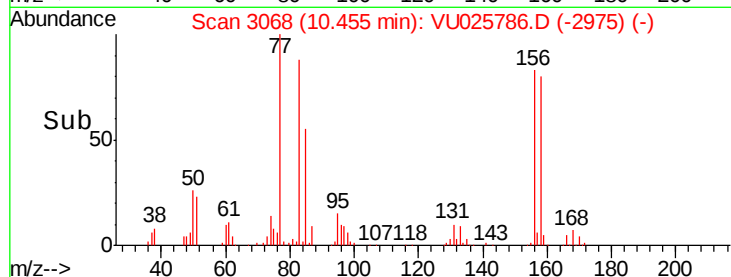
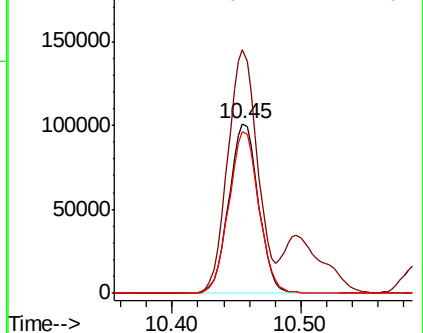
158 96.3 48.0 144.0



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: 49.16 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025786.D

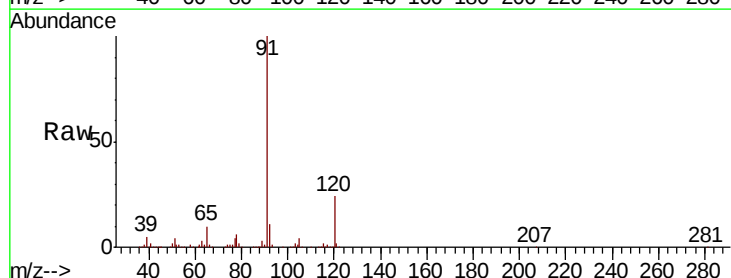
Acq: 01 Aug 2018 19:03

Tgt Ion: 91 Resp: 675948

Ion Ratio Lower Upper

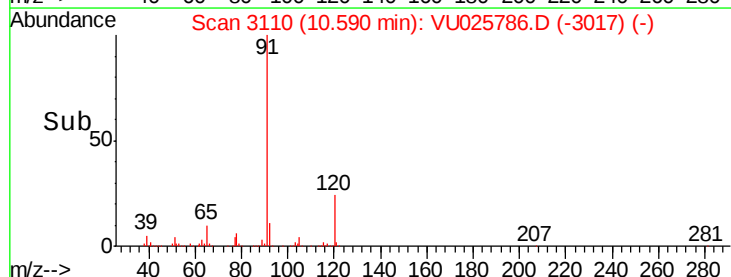
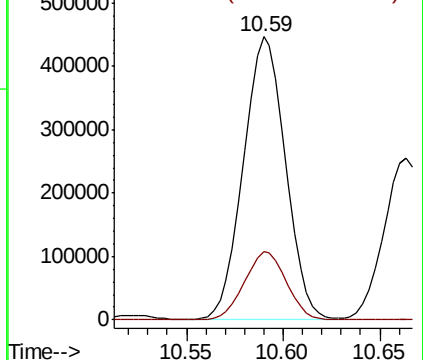
91 100

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: 49.59 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

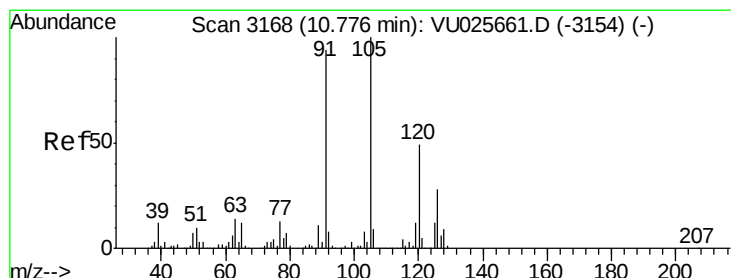
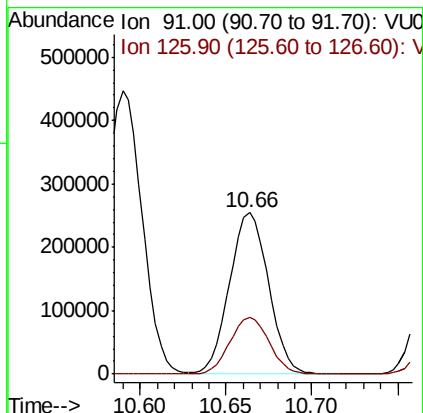
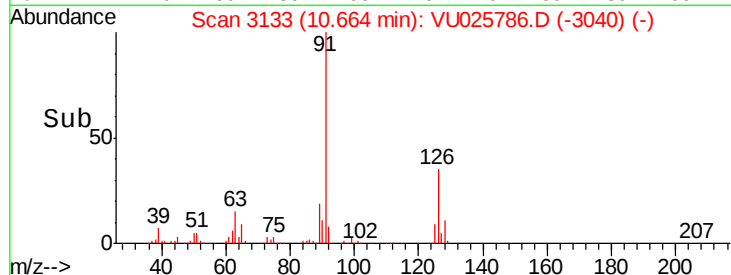
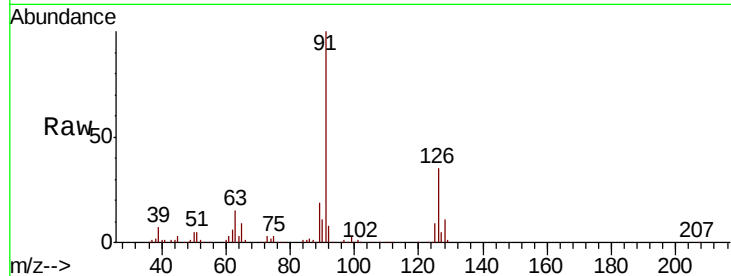
VSTDCCC050EC

Tot Ion: 91 Resp: 399395

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 49.52 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025786.D

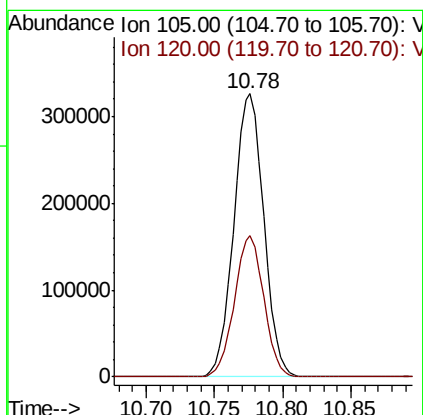
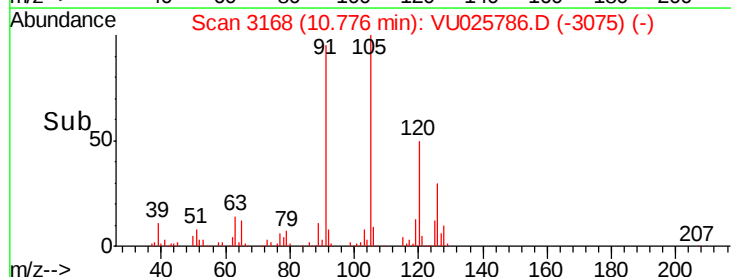
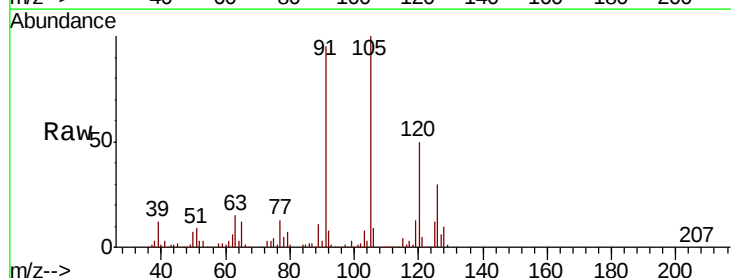
Acq: 01 Aug 2018 19:03

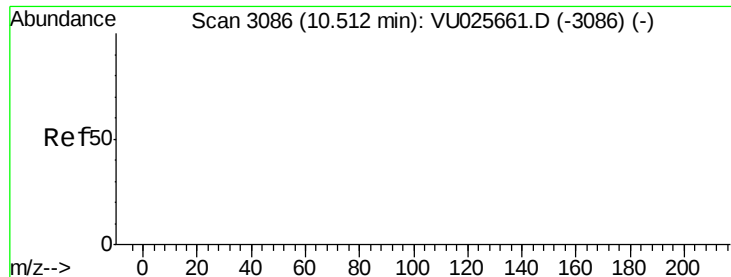
Tgt Ion: 105 Resp: 495515

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2

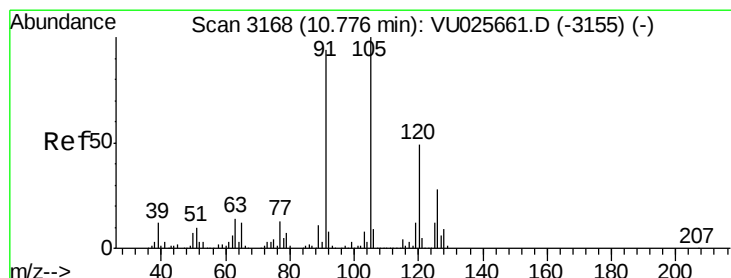
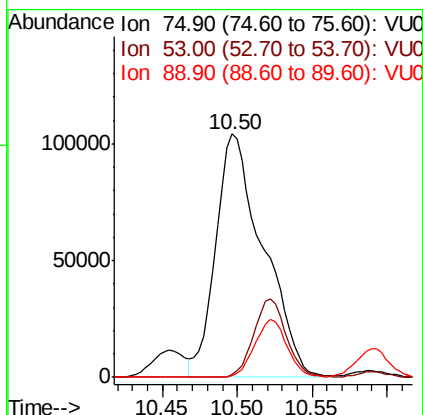
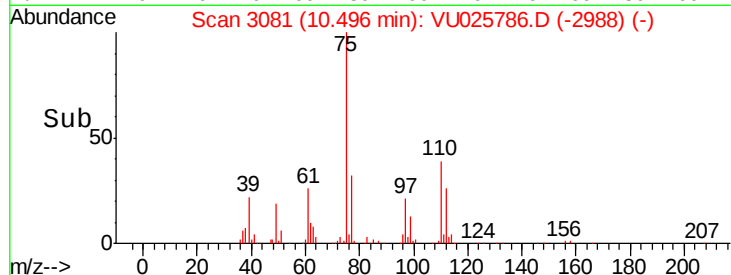
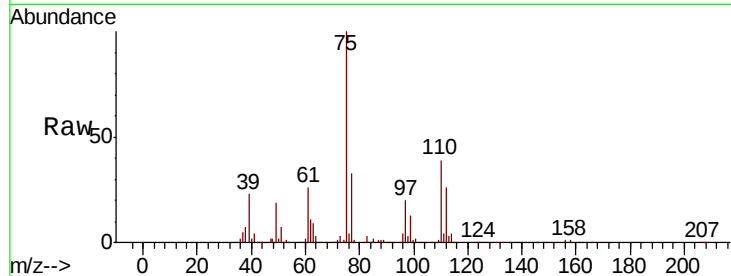




#81
trans-1,4-Dichloro-2-butene
Concen: 152.14 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

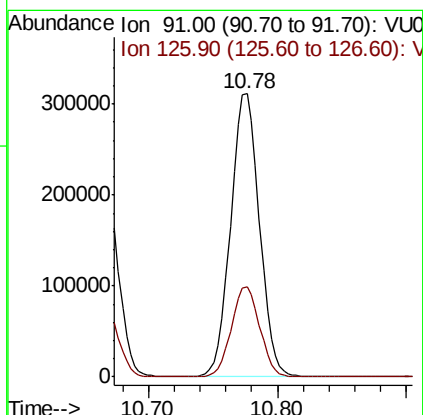
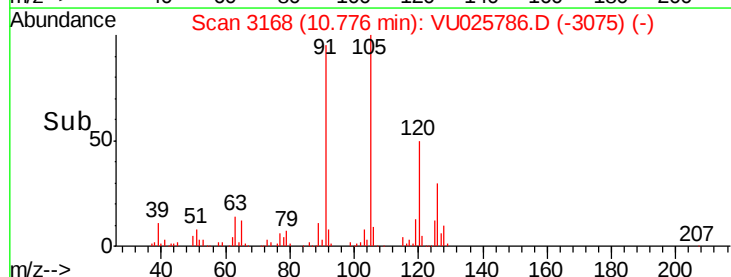
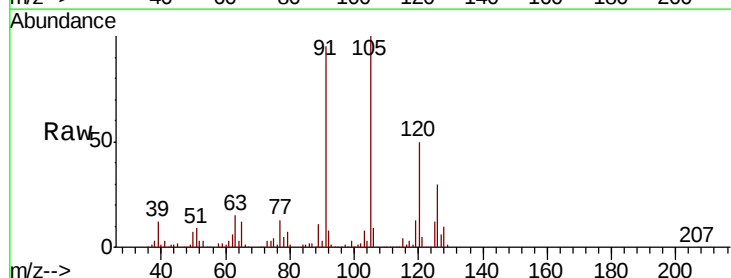
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 230774
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 50.68 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 91 Resp: 481162
Ion Ratio Lower Upper
91 100
126 31.4 15.3 45.9

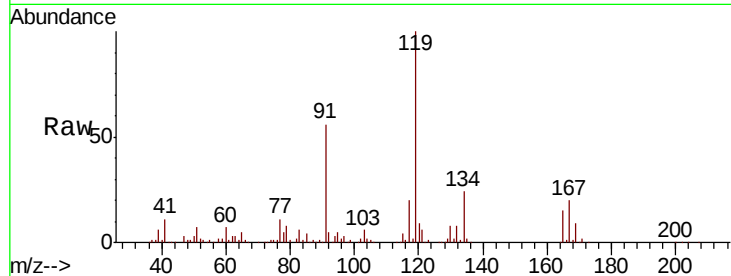




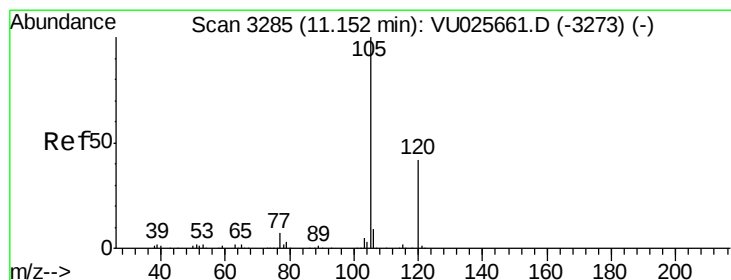
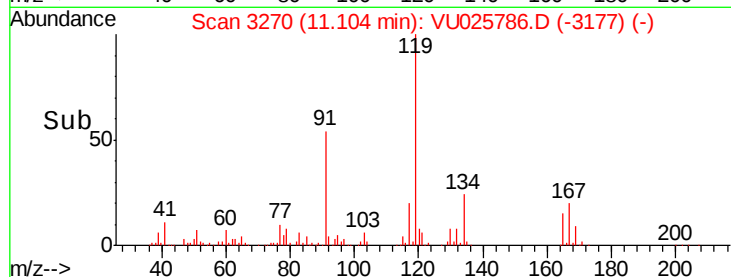
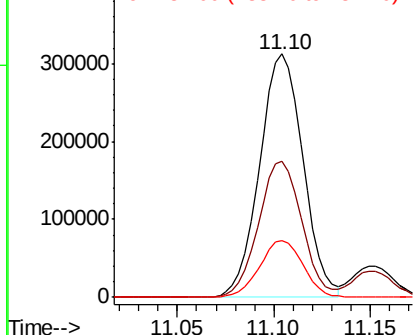
#83
 tert-Butylbenzene
 Concen: 49.08 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 487954
 Ion Ratio Lower Upper
 119 100
 91 56.0 29.7 89.1
 134 23.4 11.5 34.5

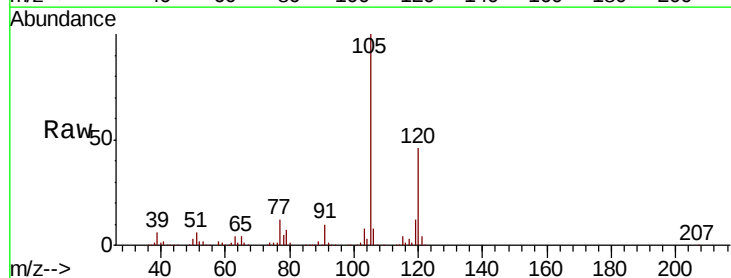


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

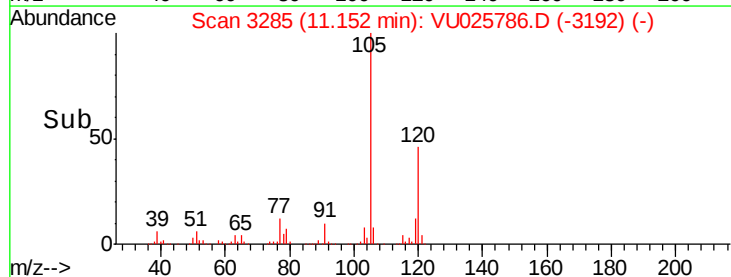
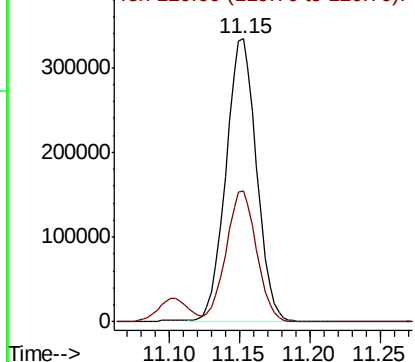


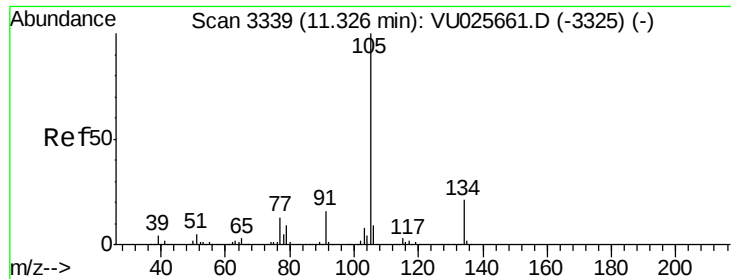
#84
 1,2,4-Trimethylbenzene
 Concen: 49.86 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Tgt Ion:105 Resp: 505513
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8



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





#85

sec-Butylbenzene

Concen: 47.68 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

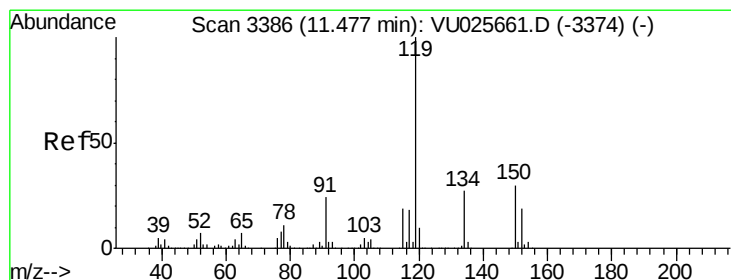
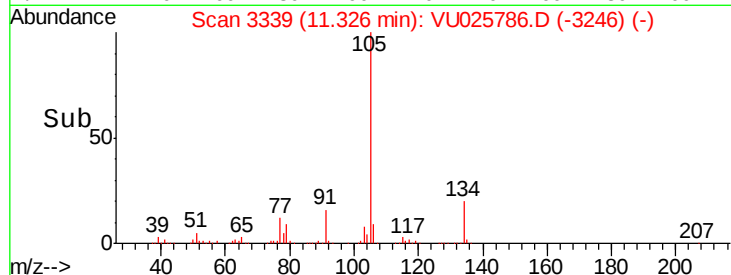
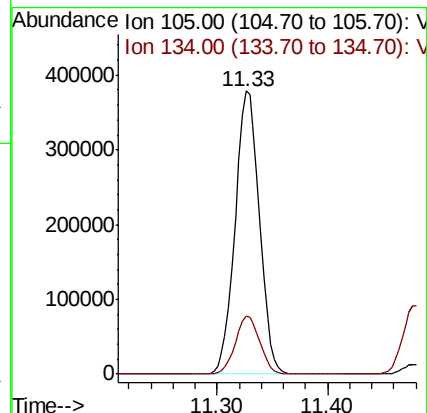
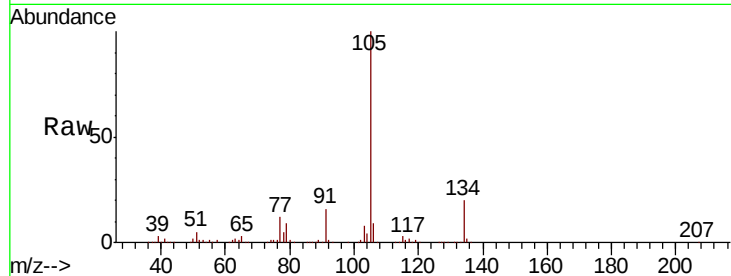
VSTDCCC050EC

Tot Ion:105 Resp: 578687

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 48.41 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

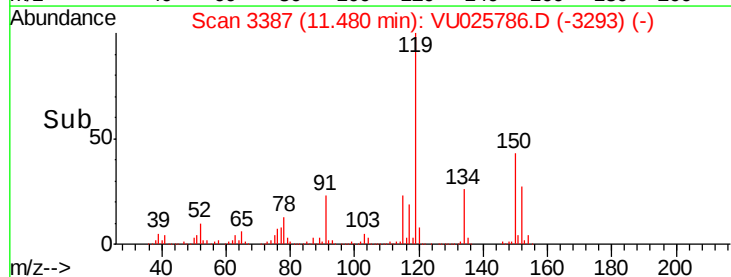
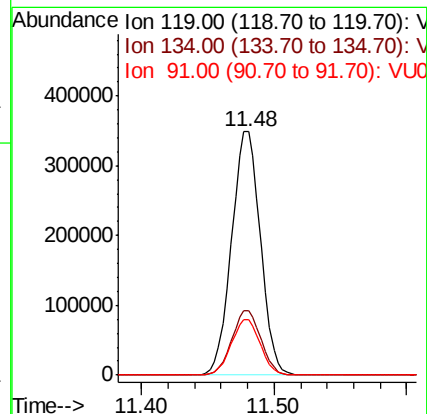
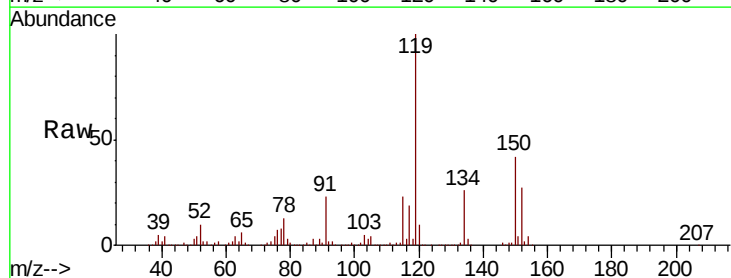
Tgt Ion:119 Resp: 526150

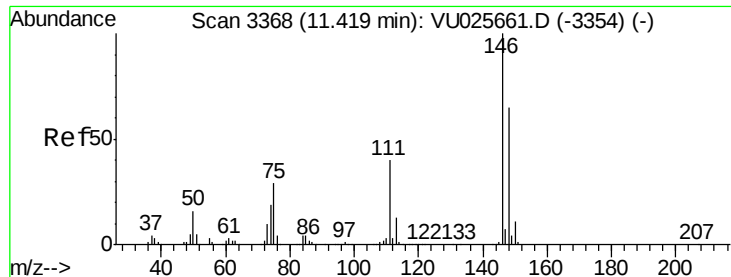
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 23.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 48.71 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

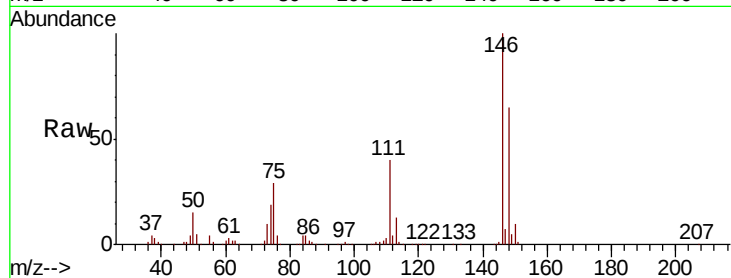
Tot Ion:146 Resp: 293833

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

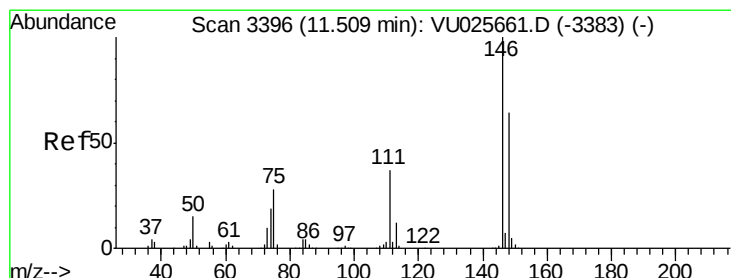
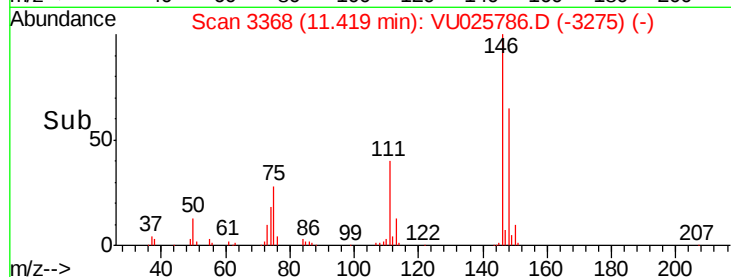
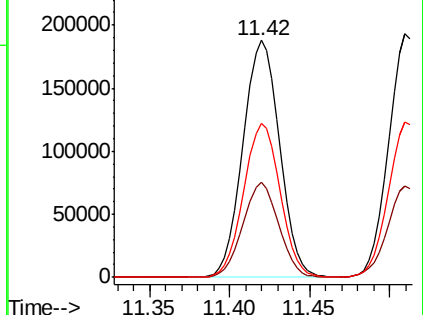
148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.58 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

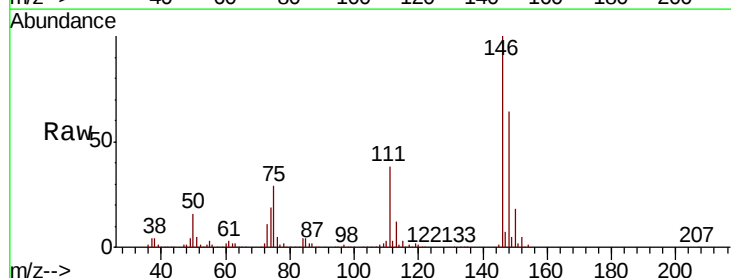
Tgt Ion:146 Resp: 299191

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.1

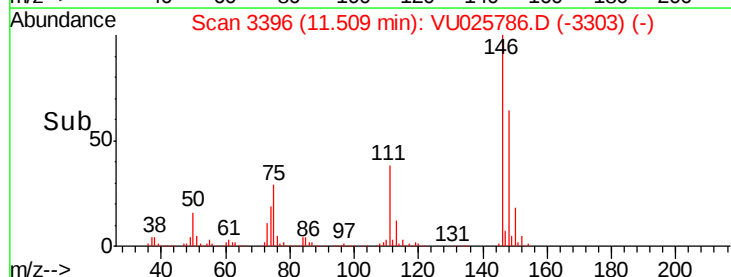
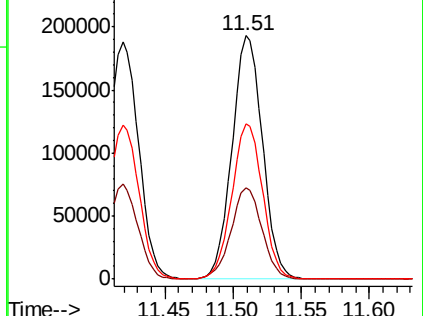
148 64.5 31.7 95.1

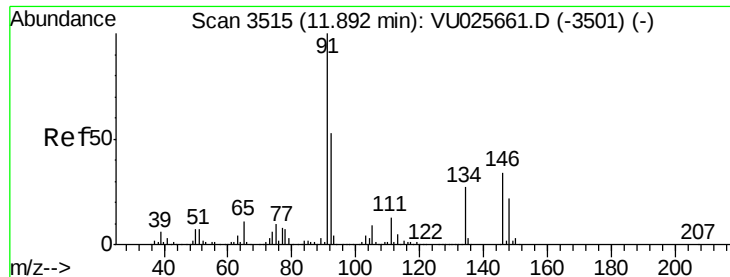


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

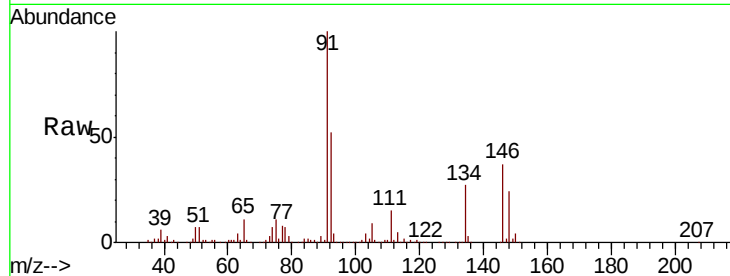




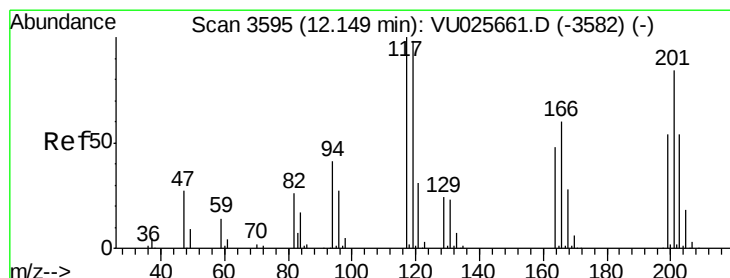
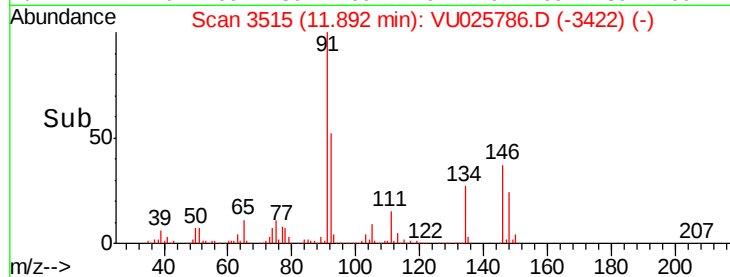
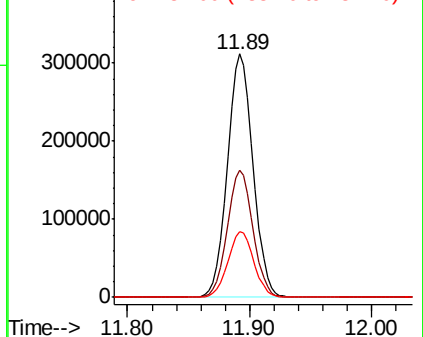
#89
n-Butylbenzene
Concen: 45.69 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 458296
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 27.3 13.6 40.7

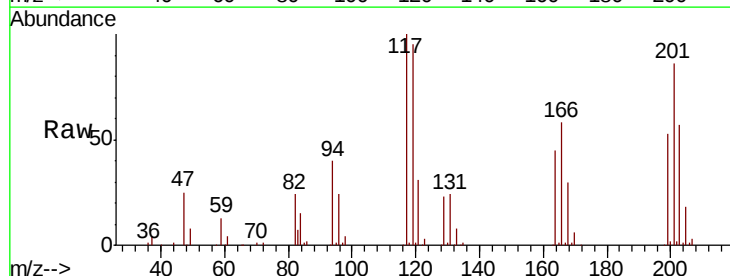


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

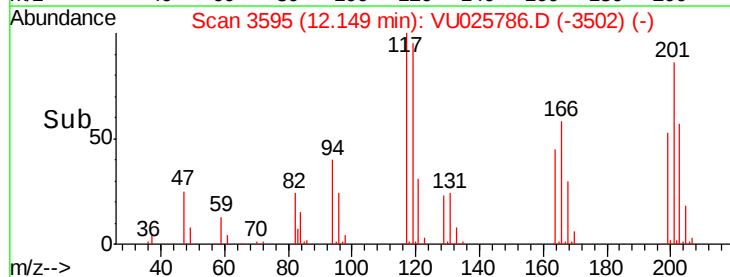
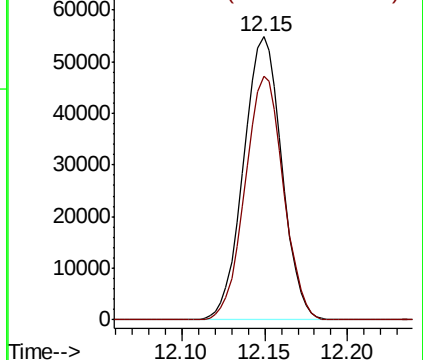


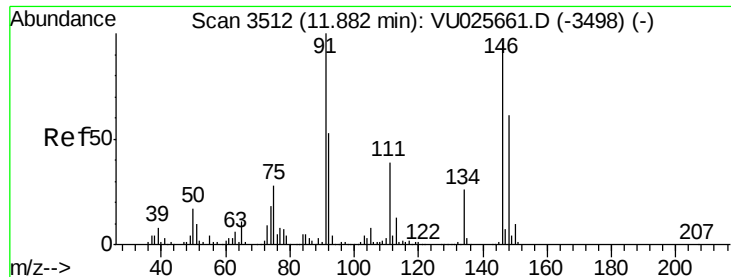
#90
Hexachloroethane
Concen: 45.52 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025786.D
Acq: 01 Aug 2018 19:03

Tgt Ion: 117 Resp: 87964
Ion Ratio Lower Upper
117 100
201 86.2 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.01 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

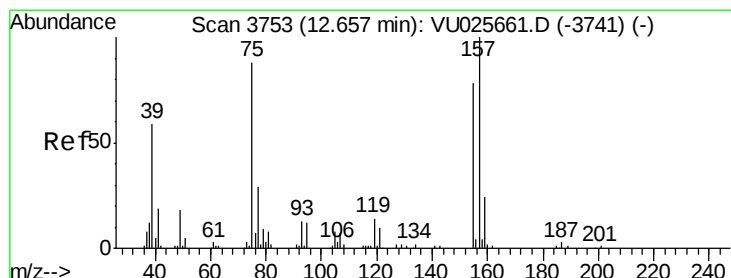
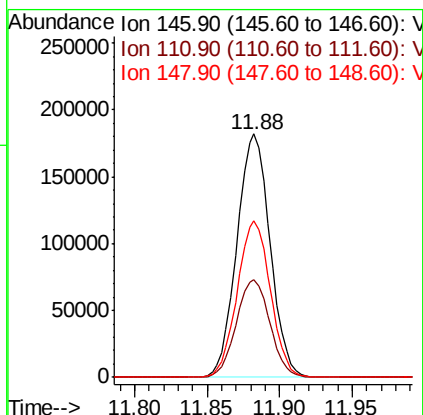
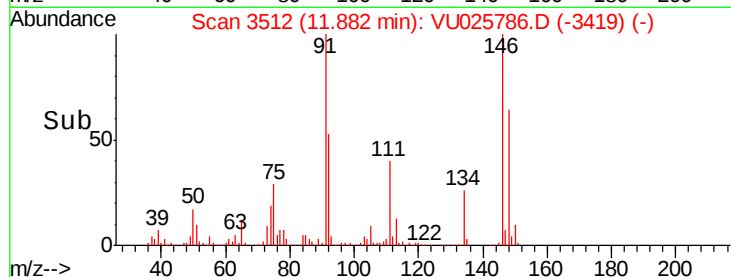
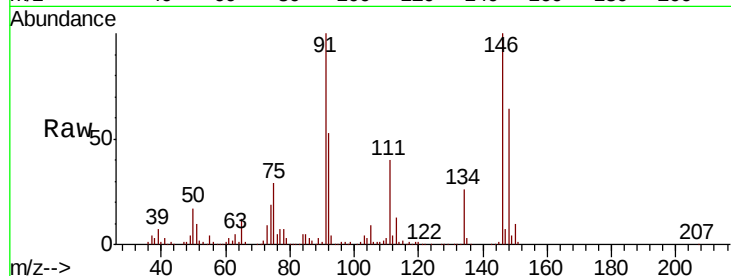
Tot Ion:146 Resp: 289753

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

148 64.3 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.03 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

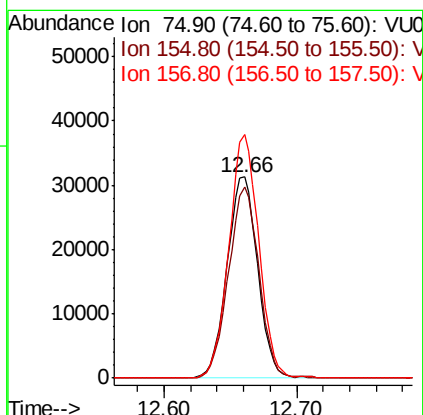
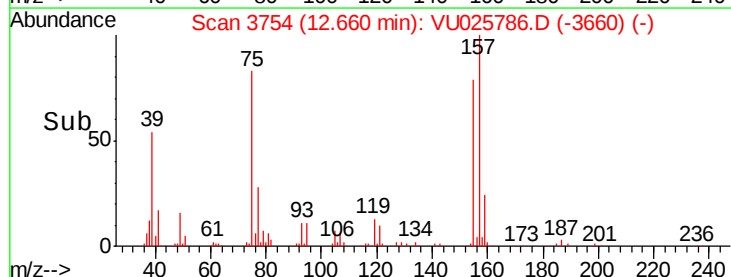
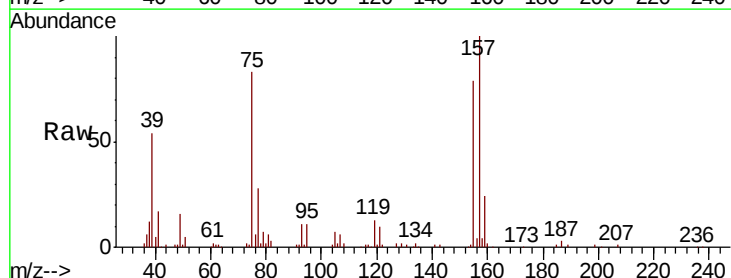
Tgt Ion: 75 Resp: 50254

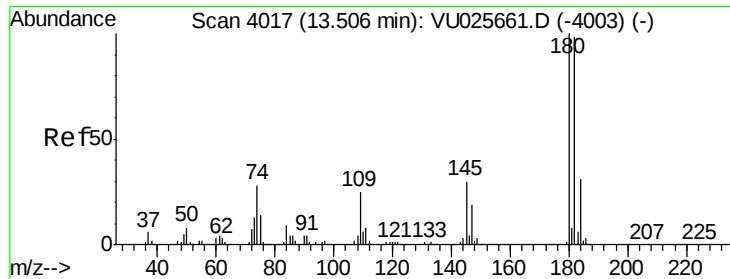
Ion Ratio Lower Upper

75 100

155 94.2 44.5 133.3

157 117.9 57.0 170.8

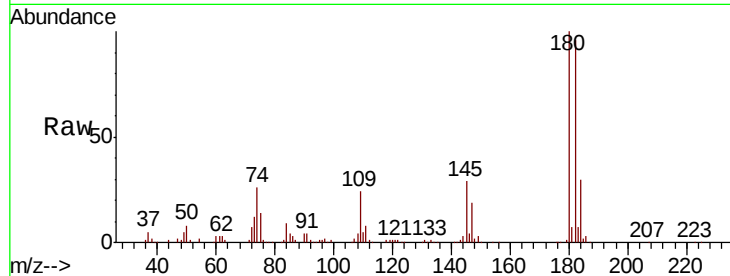




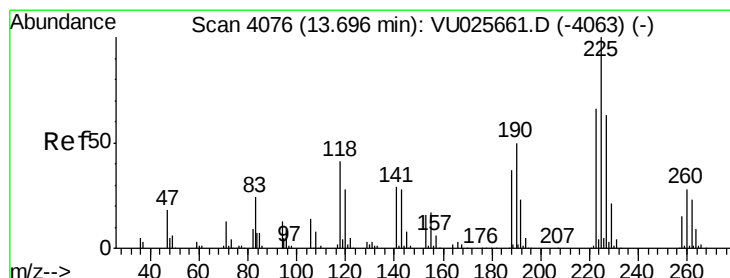
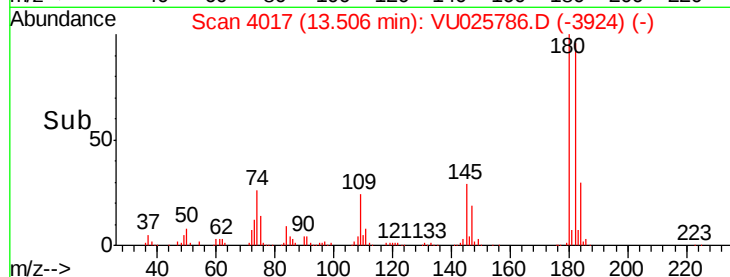
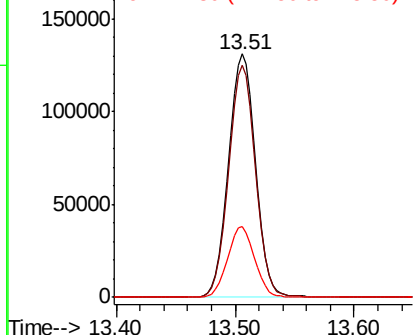
#93
 1,2,4-Trichlorobenzene
 Concen: 51.66 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	29.0	14.9	44.7

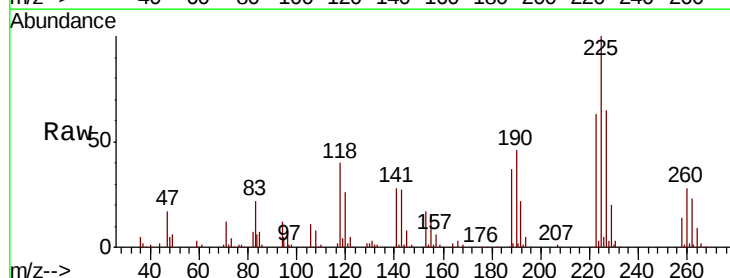


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

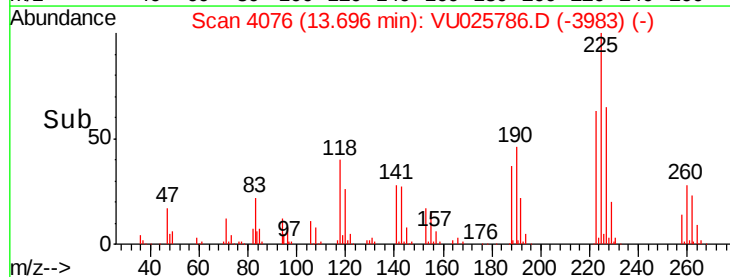
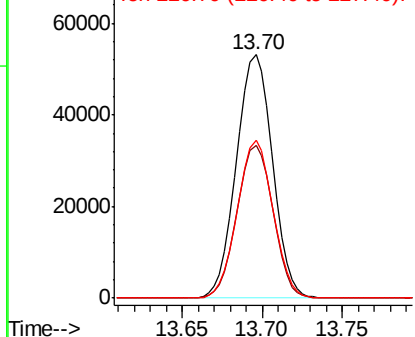


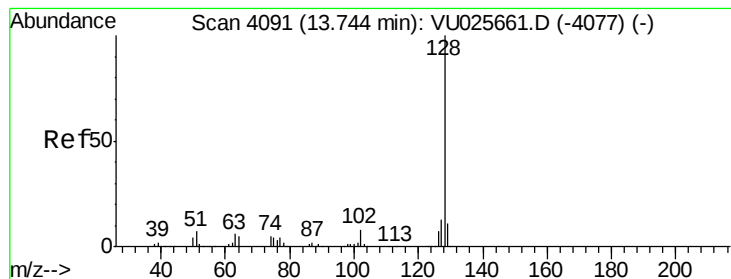
#94
 Hexachlorobutadiene
 Concen: 38.86 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025786.D
 Acq: 01 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.7
227	63.9	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: 52.14 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

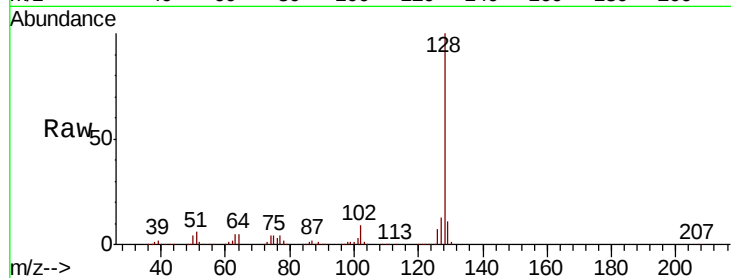
Tot Ion:128 Resp: 668973

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

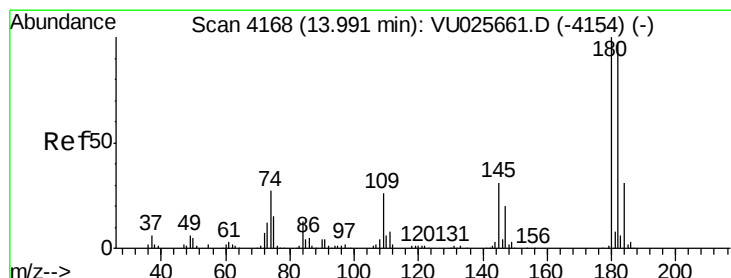
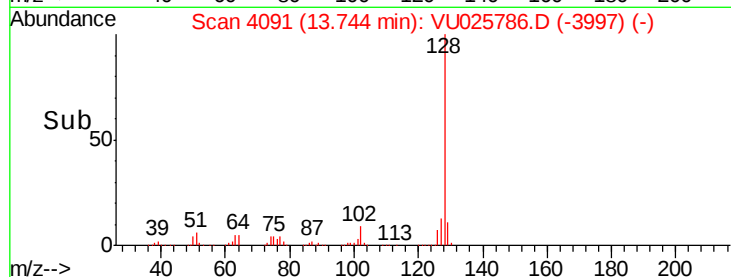
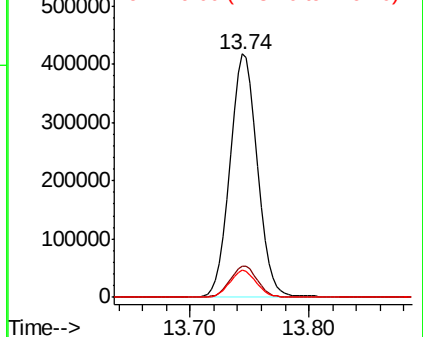
129 11.0 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.14 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU025786.D

Acq: 01 Aug 2018 19:03

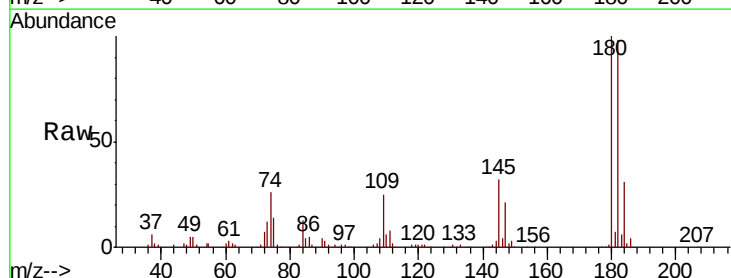
Tgt Ion:180 Resp: 203572

Ion Ratio Lower Upper

180 100

182 97.5 47.8 143.3

145 32.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

