

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110518\
 Data File : VU027940.D
 Acq On : 05 Nov 2018 08:20
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 06 03:19:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	178486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	302438	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	139942	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	123435	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
35) Dibromofluoromethane	4.88	113	90659	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	7.57	98	357664	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	10.31	95	134208	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	94749	41.777	ug/l	98
3) Chloromethane	1.33	50	117220	42.736	ug/l	100
4) Vinyl Chloride	1.41	62	117458	43.145	ug/l	98
5) Bromomethane	1.62	94	52597	47.366	ug/l	98
6) Chloroethane	1.69	64	71420	45.524	ug/l	98
7) Trichlorofluoromethane	1.89	101	146569	46.591	ug/l	97
8) Diethyl Ether	2.11	74	63121	46.861	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	91171	48.786	ug/l	99
10) Methyl Iodide	2.41	142	74140	44.253	ug/l	97
11) Tert butyl alcohol	2.82	59	151054	215.021	ug/l	100
12) 1,1-Dichloroethene	2.29	96	82913	44.324	ug/l	98
13) Acrolein	2.20	56	44944	171.799	ug/l	99
14) Allyl chloride	2.59	41	209308	45.781	ug/l	96
15) Acrylonitrile	2.94	53	398091	230.691	ug/l	100
16) Acetone	2.32	43	423120	256.994	ug/l	100
17) Carbon Disulfide	2.48	76	277479	45.382	ug/l	99
18) Methyl Acetate	2.61	43	197325	43.569	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	355311	47.100	ug/l	99
20) Methylene Chloride	2.70	84	109614	45.599	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	97316	45.079	ug/l	95
22) Diisopropyl ether	3.57	45	444742	47.118	ug/l	99
23) Vinyl Acetate	3.52	43	1957525	241.312	ug/l	100
24) 1,1-Dichloroethane	3.45	63	215571	45.852	ug/l	100
25) 2-Butanone	4.26	43	621545	237.295	ug/l	98
26) 2,2-Dichloropropane	4.23	77	177809	50.396	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	116888	48.284	ug/l	99
28) Bromochloromethane	4.55	49	107480	48.764	ug/l	100
29) Tetrahydrofuran	4.64	42	383803	219.440	ug/l	99
30) Chloroform	4.67	83	198206	45.979	ug/l	97
31) Cyclohexane	5.00	56	215465	46.586	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	167078	48.690	ug/l	99
36) 1,1-Dichloropropene	5.14	75	154567	48.797	ug/l	98
37) Ethyl Acetate	4.38	43	212294	45.742	ug/l	99
38) Carbon Tetrachloride	5.14	117	139491	49.692	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110518\
 Data File : VU027940.D
 Acq On : 05 Nov 2018 08:20
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 06 03:19:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	192228	50.316	ug/l	98
40) Benzene	5.39	78	464378	47.951	ug/l	99
41) Methacrylonitrile	4.54	41	123286	49.776	ug/l	99
42) 1,2-Dichloroethane	5.40	62	162734	47.274	ug/l	99
43) Isopropyl Acetate	5.55	43	343313	47.215	ug/l	99
44) Trichloroethene	6.19	130	103549	49.743	ug/l	99
45) 1,2-Dichloropropane	6.43	63	134362	48.108	ug/l	98
46) Dibromomethane	6.56	93	79451	49.490	ug/l	98
47) Bromodichloromethane	6.76	83	157839	51.018	ug/l	99
48) Methyl methacrylate	6.62	41	172859	48.512	ug/l	99
49) 1,4-Dioxane	6.61	88	54896	944.292	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1132997	233.318	ug/l	100
52) Toluene	7.64	92	275146	48.327	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	190483	49.657	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	201658	52.875	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	113147	48.848	ug/l	98
56) Ethyl methacrylate	8.02	69	203665	49.859	ug/l	98
57) 1,3-Dichloropropane	8.24	76	203960	48.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	564150	257.871	ug/l	100
59) 2-Hexanone	8.36	43	895862	238.528	ug/l	99
60) Dibromochloromethane	8.48	129	114116	52.063	ug/l	99
61) 1,2-Dibromoethane	8.59	107	120923	49.131	ug/l	98
64) Tetrachloroethene	8.23	164	87590	47.715	ug/l	98
65) Chlorobenzene	9.12	112	291715	48.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	103917	50.867	ug/l	99
67) Ethyl Benzene	9.25	91	541449	49.181	ug/l	99
68) m/p-Xylenes	9.38	106	398634	99.793	ug/l	100
69) o-Xylene	9.78	106	196748	48.776	ug/l	100
70) Styrene	9.79	104	325118	50.444	ug/l	99
71) Bromoform	9.96	173	90374	52.785	ug/l #	99
73) Isopropylbenzene	10.17	105	527068	48.617	ug/l	100
74) N-amyl acetate	10.01	43	322102	49.135	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	204056	46.663	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	246993	64.526	ug/l	81
77) Bromobenzene	10.45	156	123403	49.641	ug/l	99
78) n-propylbenzene	10.59	91	650757	50.148	ug/l	100
79) 2-Chlorotoluene	10.66	91	376983	48.466	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	445547	49.612	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	246993	160.523	ug/l #	100
82) 4-Chlorotoluene	10.77	91	432835	49.016	ug/l	100
83) tert-Butylbenzene	11.10	119	431808	48.096	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	454423	50.250	ug/l	100
85) sec-Butylbenzene	11.32	105	546076	50.012	ug/l	100
86) p-Isopropyltoluene	11.48	119	467326	51.198	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	227140	49.463	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	230975	49.073	ug/l	100
89) n-Butylbenzene	11.89	91	462180	53.278	ug/l	100
90) Hexachloroethane	12.14	117	85406	52.554	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	230284	49.866	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	46584	50.555	ug/l	99

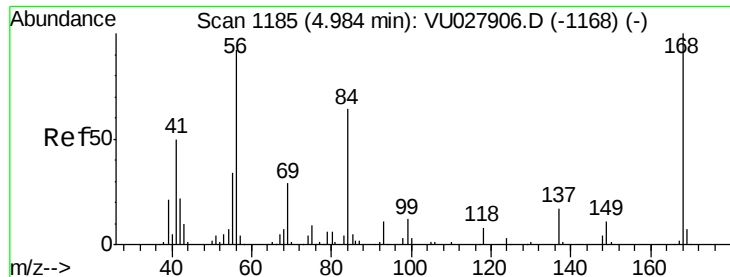
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
Data File : VU027940.D
Acq On : 05 Nov 2018 08:20
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Quant Time: Nov 06 03:19:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	158816	49.050	ug/l	99
94) Hexachlorobutadiene	13.69	225	78398	53.415	ug/l	99
95) Naphthalene	13.74	128	541204	47.137	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	163959	52.910	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

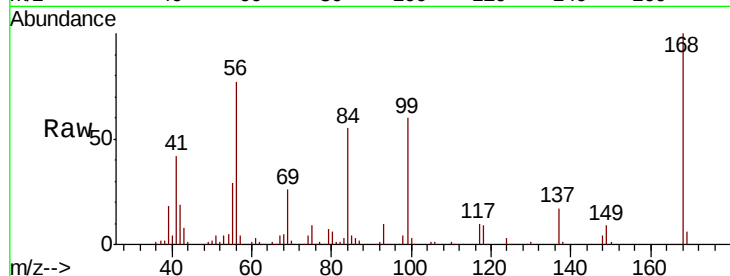
VSTDCCC050

Tot Ion:168 Resp: 178486

Ion Ratio Lower Upper

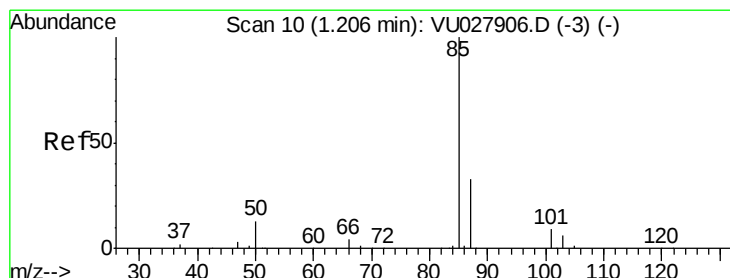
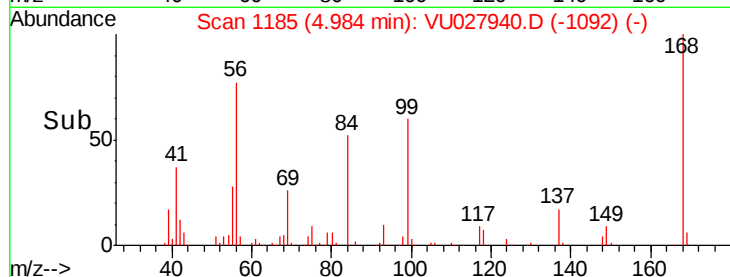
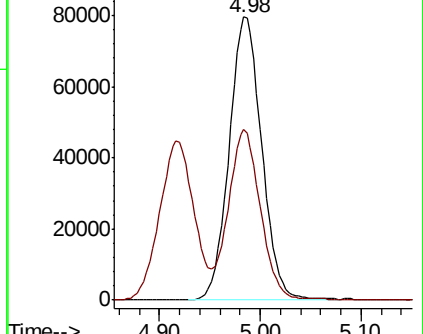
168 100

99 60.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)



#2

Dichlorodifluoromethane

Concen: 41.777 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027940.D

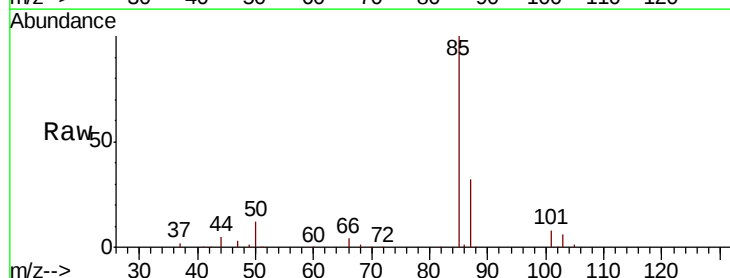
Acq: 05 Nov 2018 08:20

Tgt Ion: 85 Resp: 94749

Ion Ratio Lower Upper

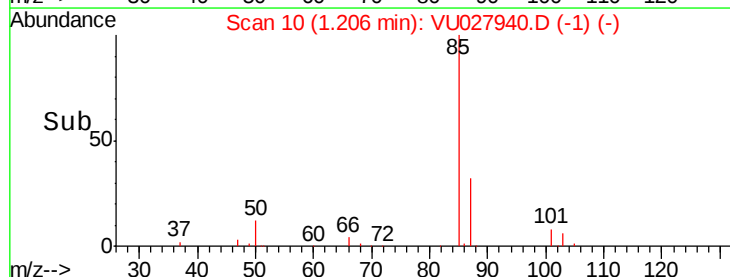
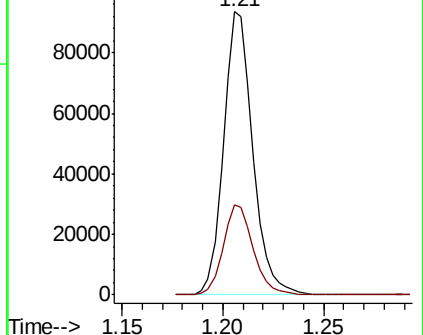
85 100

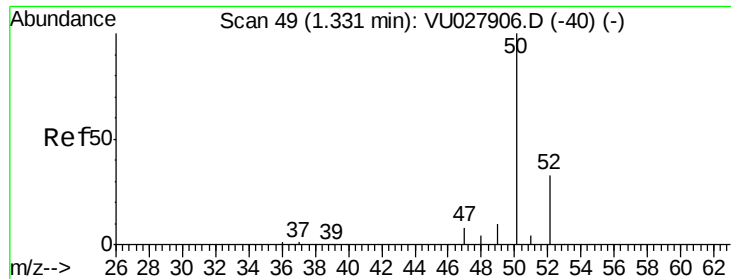
87 31.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027906.D (-3) (-)

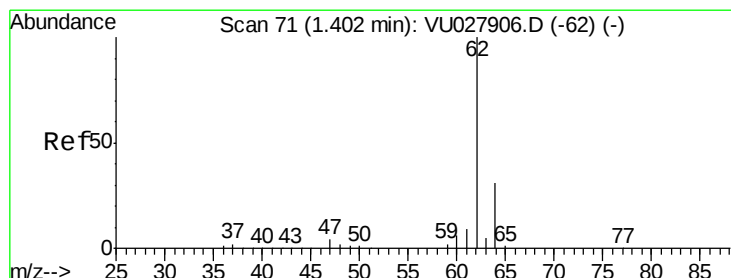
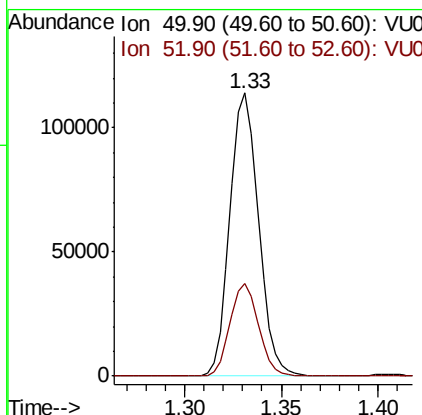
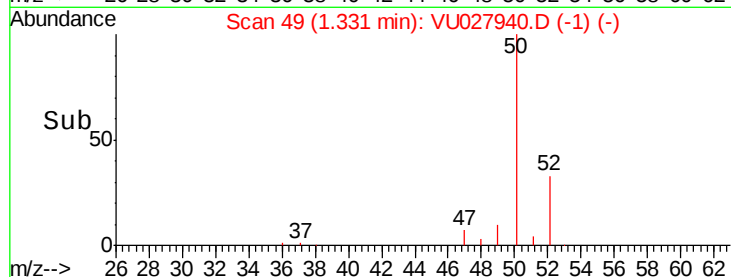
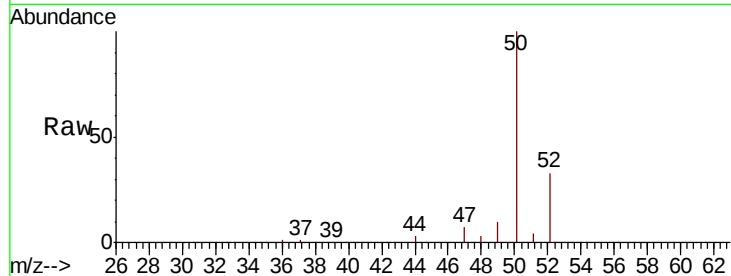




#3
 Chloromethane
 Concen: 42.736 ug/l
 RT: 1.33 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

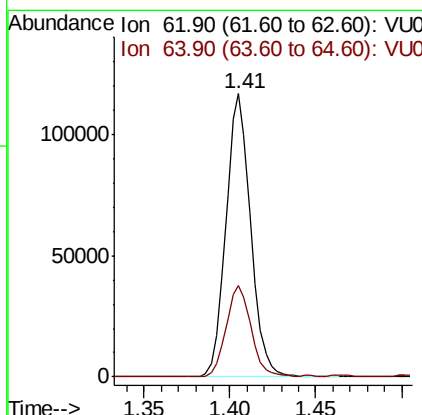
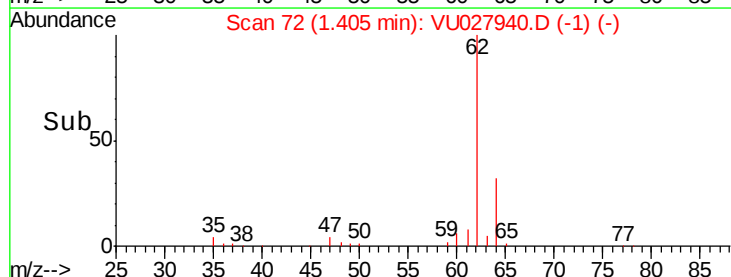
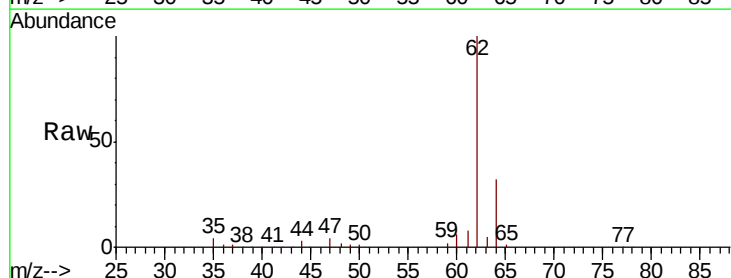
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

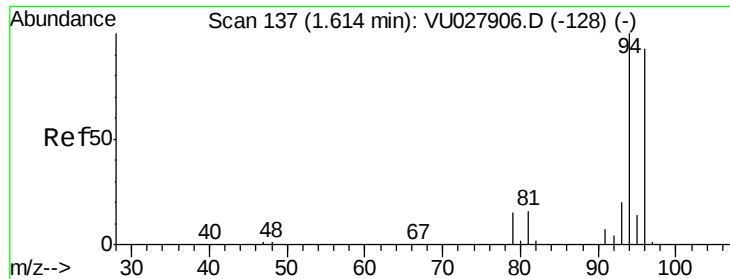
Tot Ion: 50 Resp: 117220
 Ion Ratio Lower Upper
 50 100
 52 32.8 26.2 39.4



#4
 Vinyl Chloride
 Concen: 43.145 ug/l
 RT: 1.41 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion: 62 Resp: 117458
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.2 37.8





#5

Bromomethane

Concen: 47.366 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.01 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

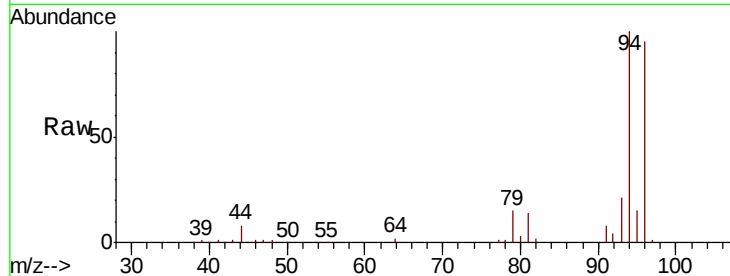
VSTDCCC050

Tot Ion: 94 Resp: 52597

Ion Ratio Lower Upper

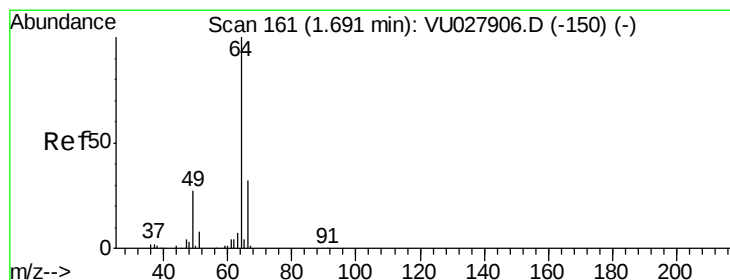
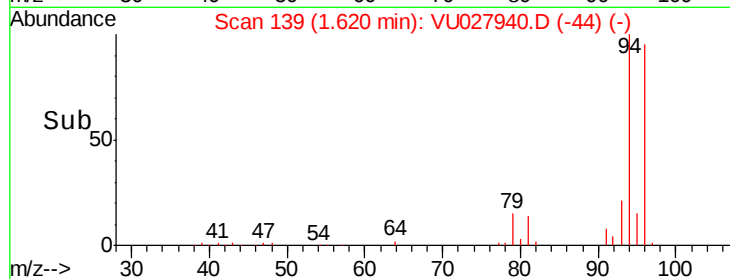
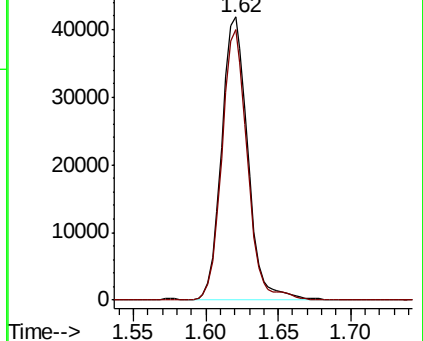
94 100

96 95.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 45.524 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU027940.D

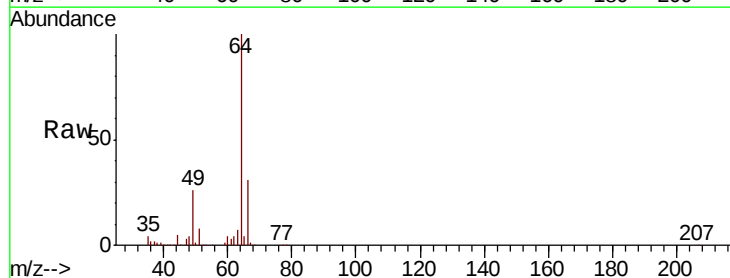
Acq: 05 Nov 2018 08:20

Tgt Ion: 64 Resp: 71420

Ion Ratio Lower Upper

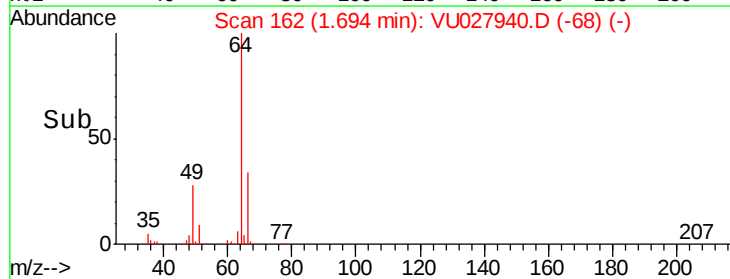
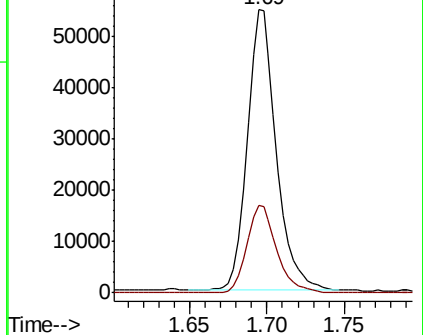
64 100

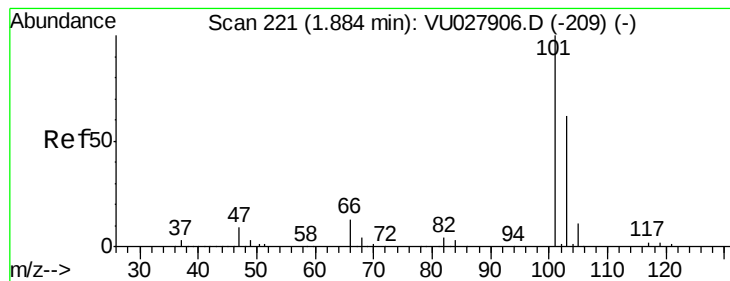
66 31.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



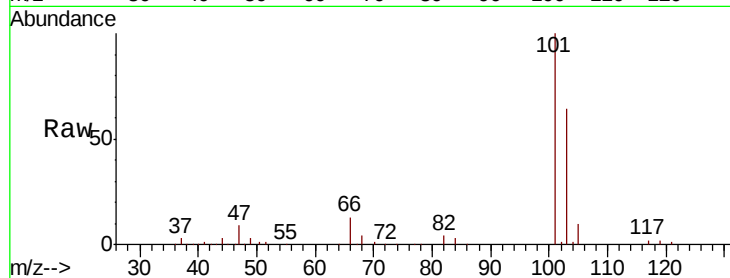


#7

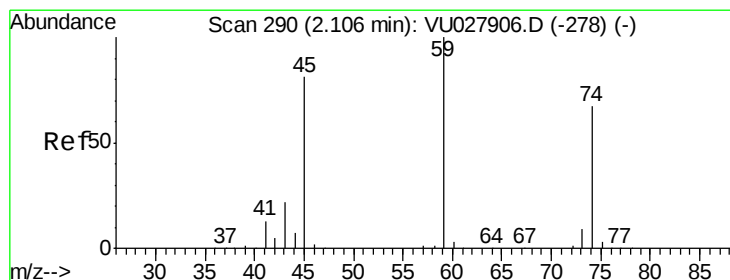
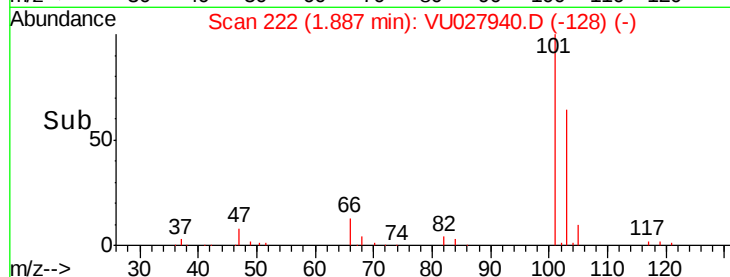
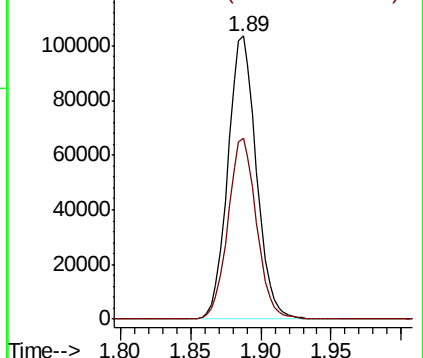
Trichlorofluoromethane
 Concen: 46.591 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 146569
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.4 74.2



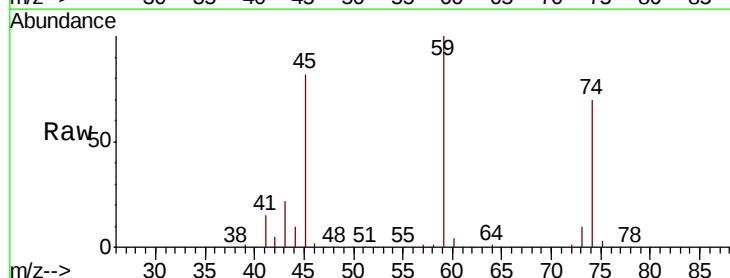
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



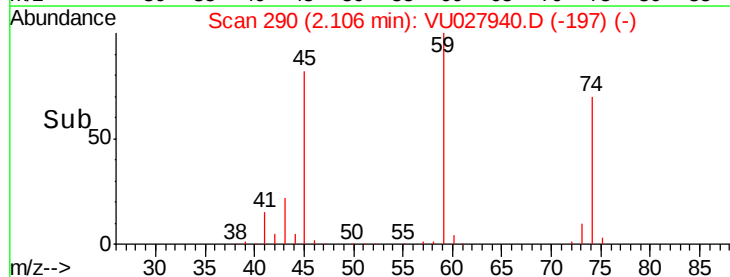
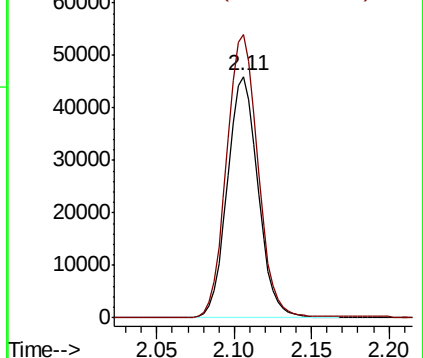
#8

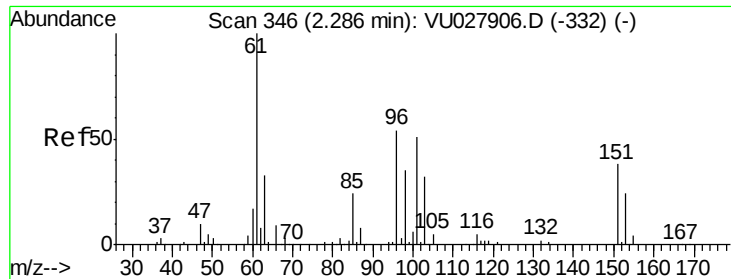
Diethyl Ether
 Concen: 46.861 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion: 74 Resp: 63121
 Ion Ratio Lower Upper
 74 100
 45 120.4 60.5 181.5



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: 48.786 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

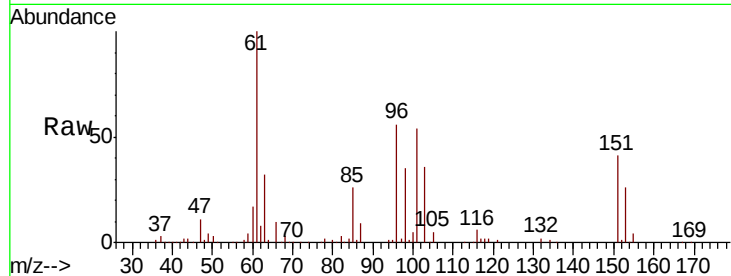
Tot Ion:101 Resp: 91171

Ion Ratio Lower Upper

101 100

85 45.8 36.9 55.3

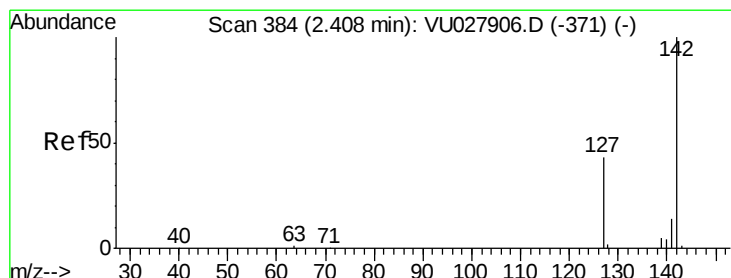
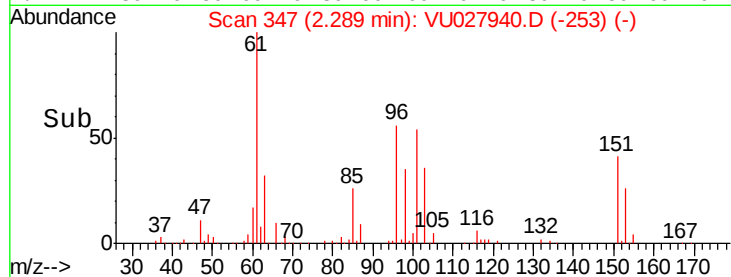
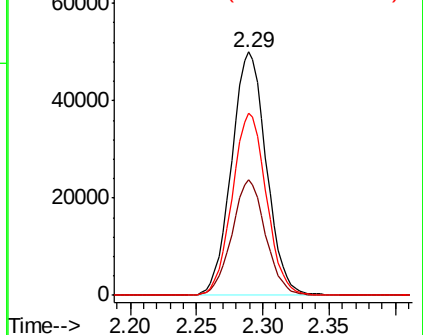
151 73.3 58.0 87.0



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: 44.253 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

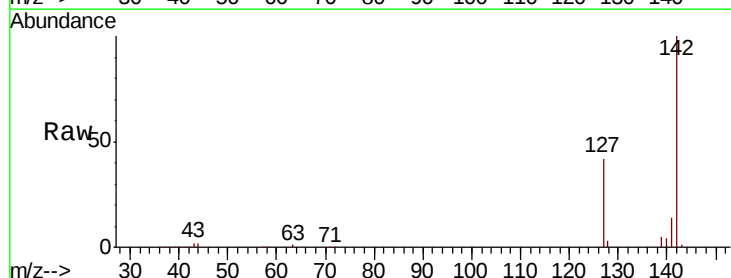
Tgt Ion:142 Resp: 74140

Ion Ratio Lower Upper

142 100

127 42.0 35.2 52.8

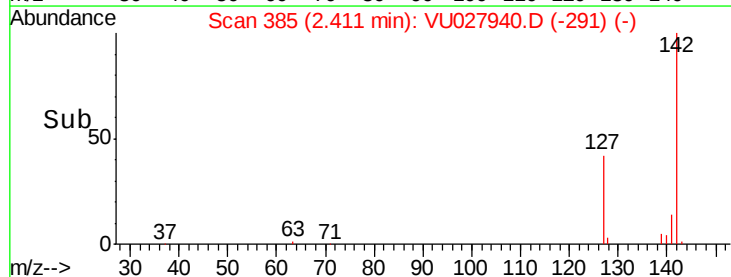
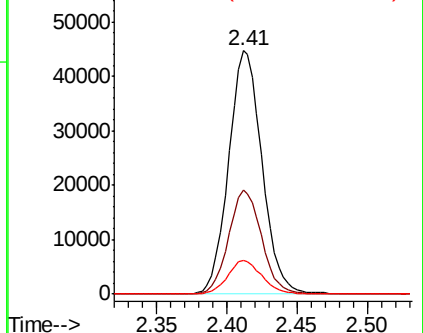
141 14.0 11.8 17.8

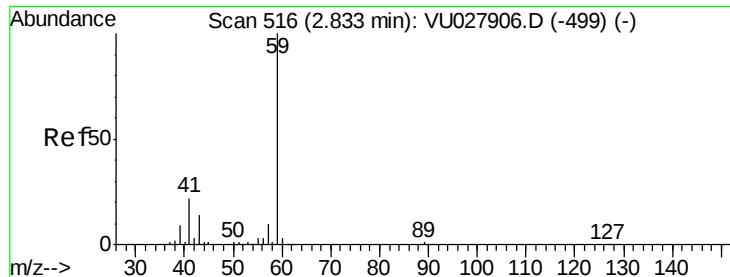


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

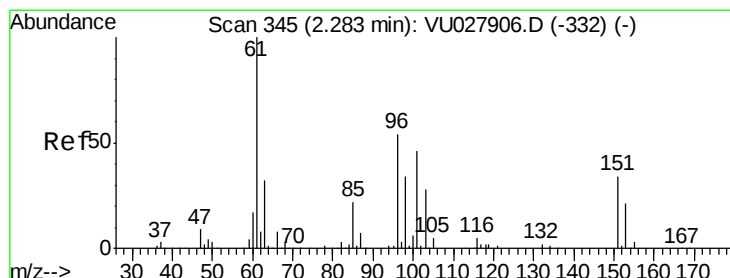
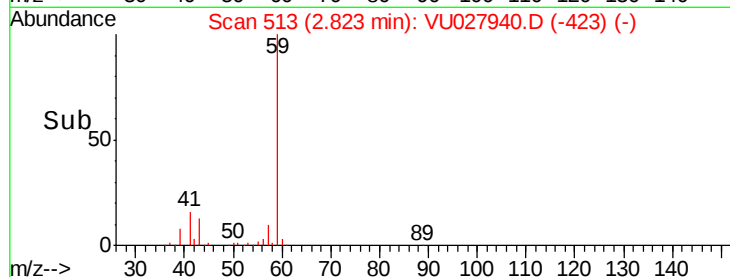
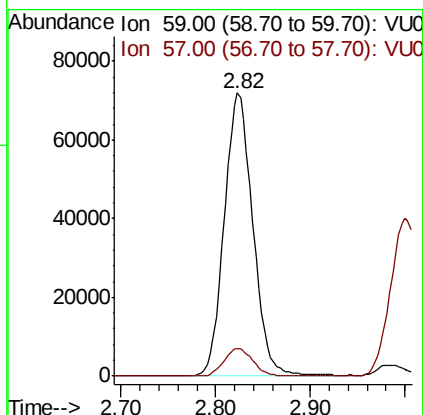
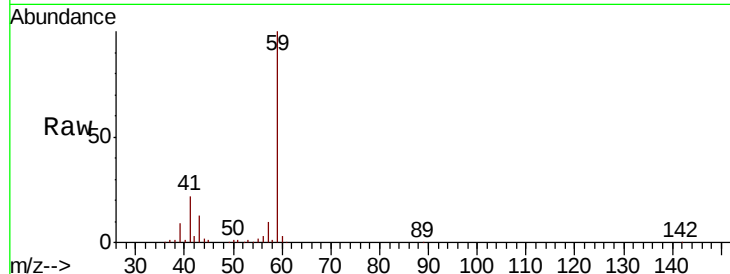




#11
Tert butyl alcohol
Concen: 215.021 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.01 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

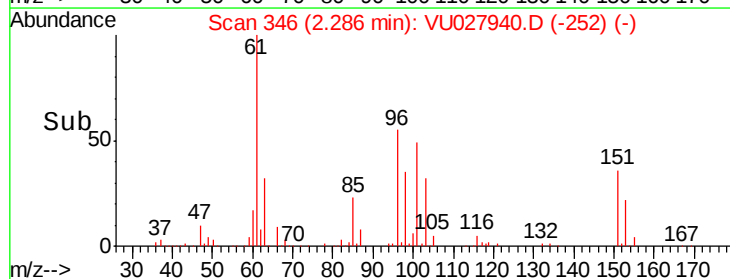
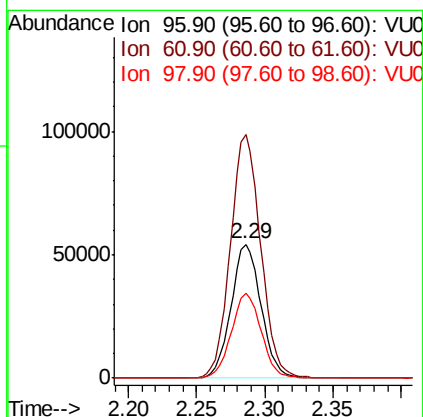
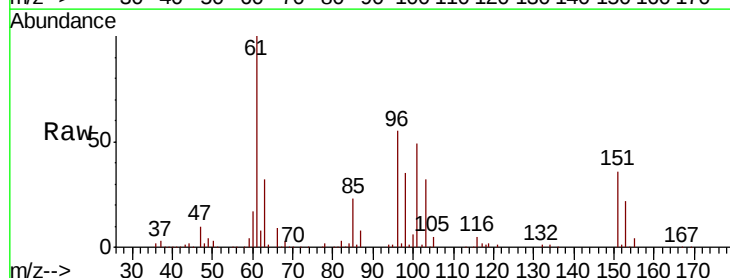
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

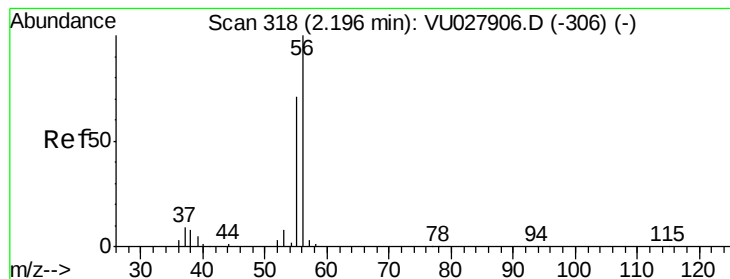
Tot Ion: 59 Resp: 151054
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 44.324 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion: 96 Resp: 82913
Ion Ratio Lower Upper
96 100
61 182.0 149.3 223.9
98 63.1 50.6 75.8





#13

Acrolein

Concen: 171.799 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

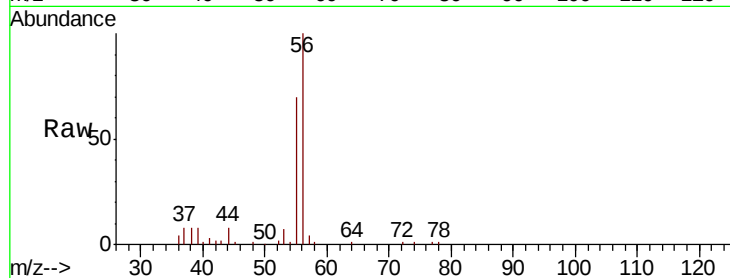
VSTDCCC050

Tot Ion: 56 Resp: 44944

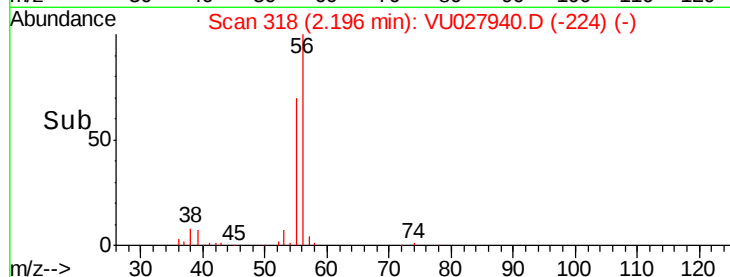
Ion Ratio Lower Upper

56 100

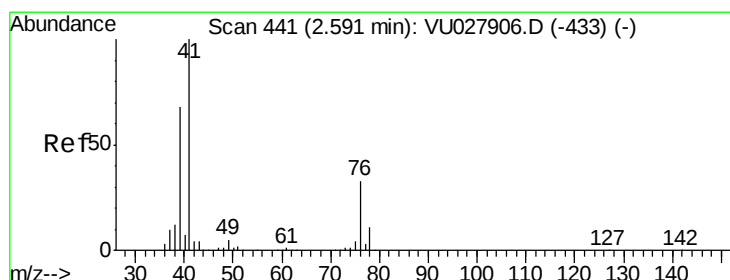
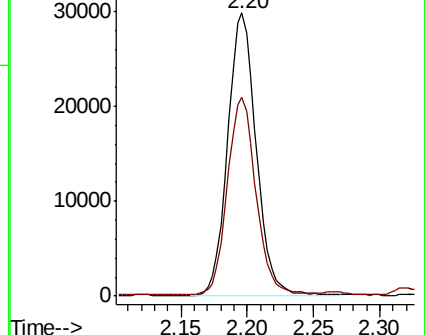
55 69.3 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VU027940.D (-224) (-)



Ion 55.00 (54.70 to 55.70): VU027940.D (-224) (-)



#14

Allyl chloride

Concen: 45.781 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

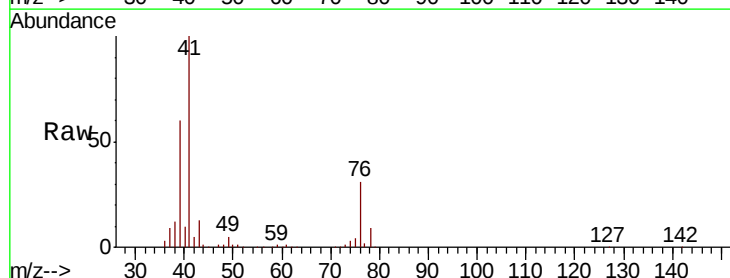
Tgt Ion: 41 Resp: 209308

Ion Ratio Lower Upper

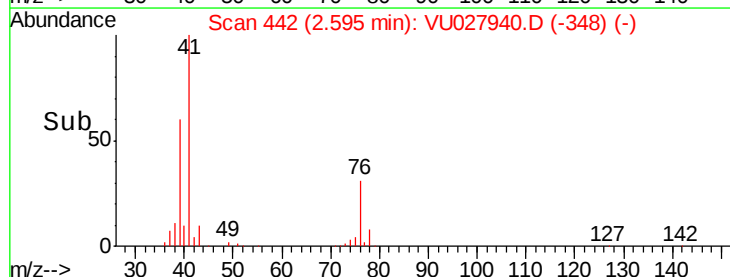
41 100

39 60.4 51.9 77.9

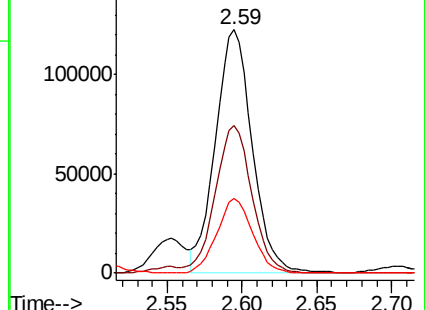
76 29.9 23.8 35.6

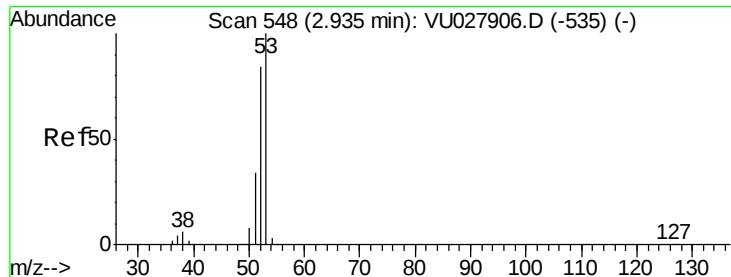


Abundance Ion 41.00 (40.70 to 41.70): VU027940.D (-348) (-)



Ion 39.00 (38.70 to 39.70): VU027940.D (-348) (-)

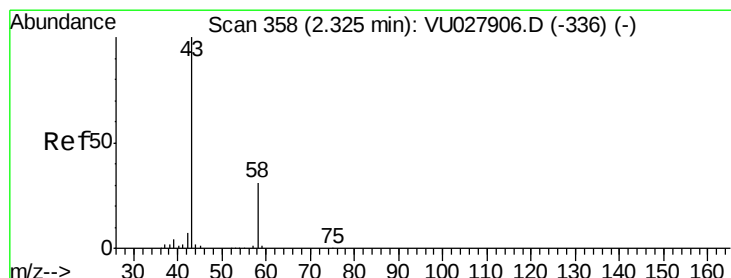
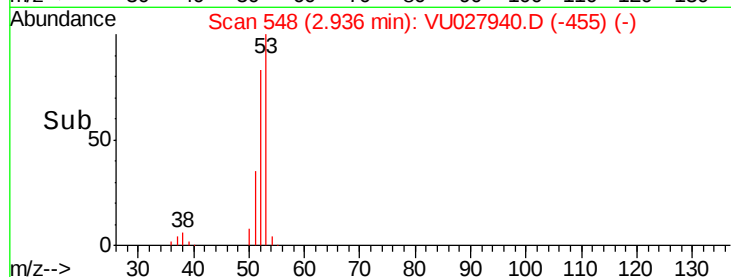
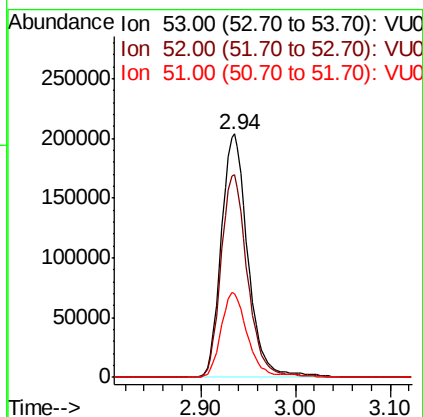
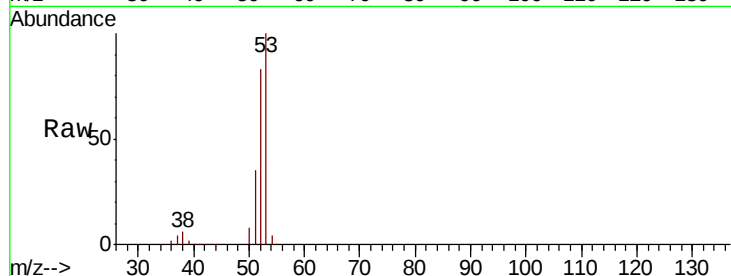




#15
 Acrylonitrile
 Concen: 230.691 ug/l
 RT: 2.94 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

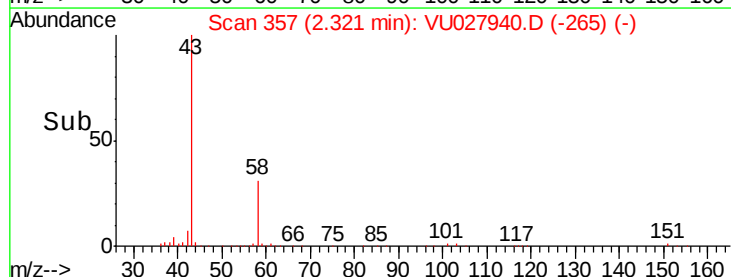
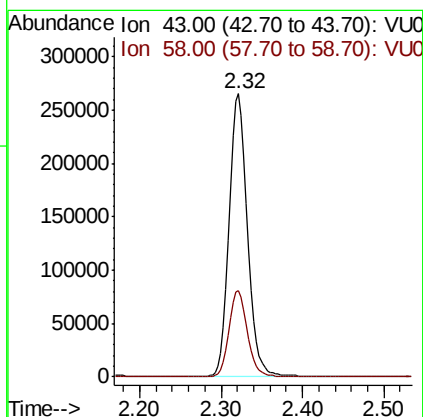
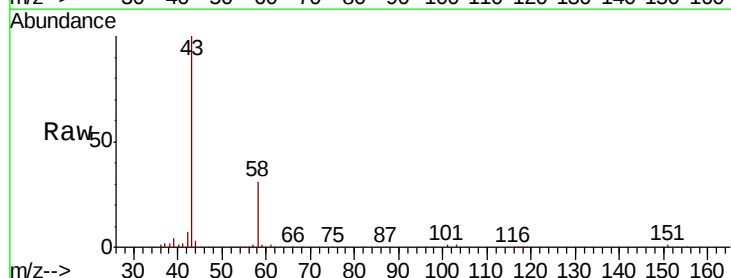
Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050

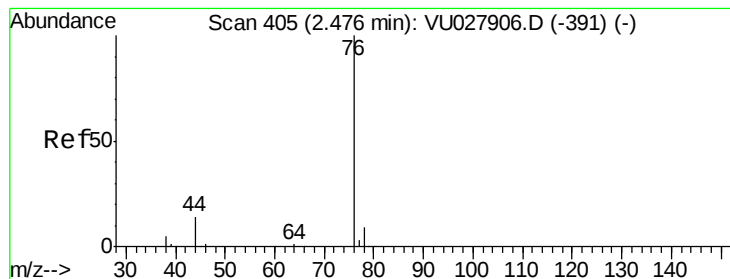
Tot Ion: 53 Resp: 398091
 Ion Ratio Lower Upper
 53 100
 52 83.0 66.2 99.2
 51 34.1 27.0 40.4



#16
 Acetone
 Concen: 256.994 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion: 43 Resp: 423120
 Ion Ratio Lower Upper
 43 100
 58 30.7 24.6 37.0





#17

Carbon Disulfide

Concen: 45.382 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

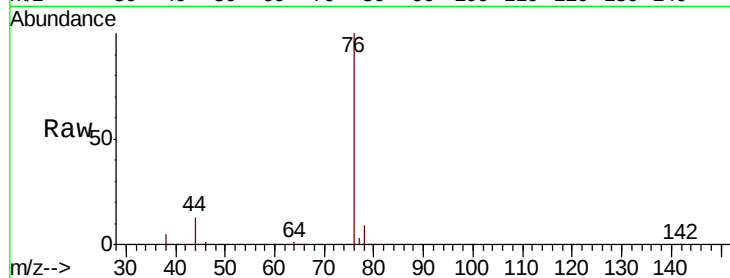
VSTDCCC050

Tot Ion: 76 Resp: 277479

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU027940.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VU027940.D (-391) (-)

2.48

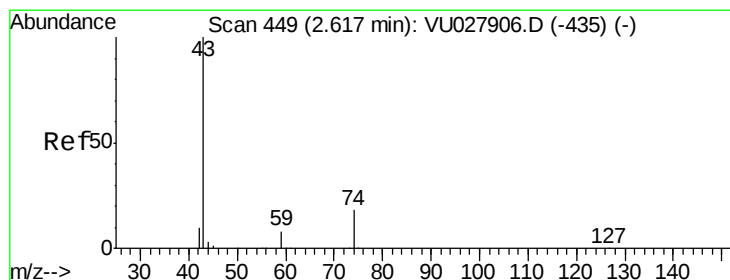
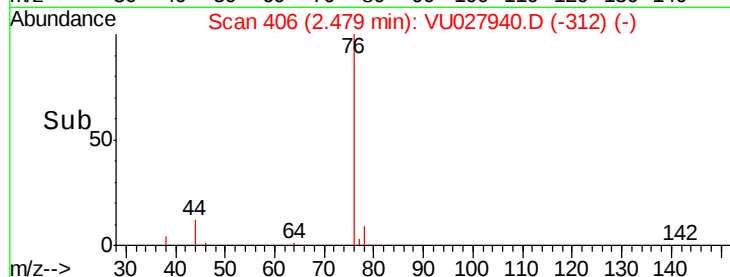
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.569 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027940.D

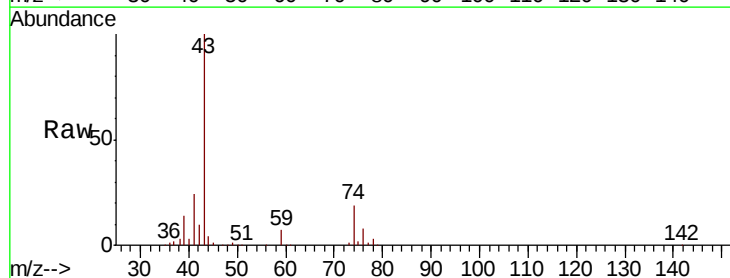
Acq: 05 Nov 2018 08:20

Tgt Ion: 43 Resp: 197325

Ion Ratio Lower Upper

43 100

74 19.3 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU027940.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027940.D (-356) (-)

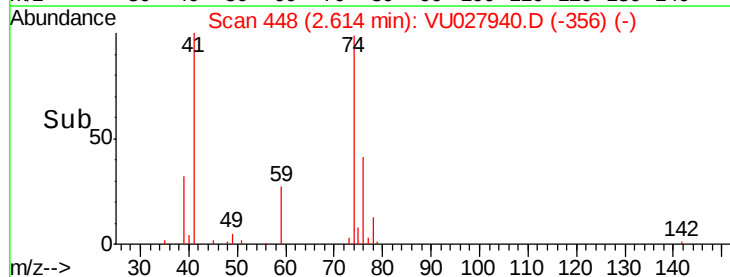
2.61

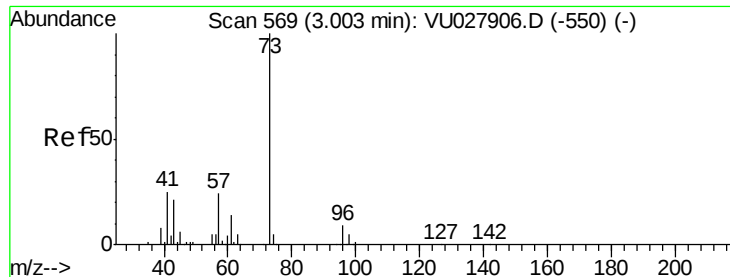
100000

50000

0

Time-->

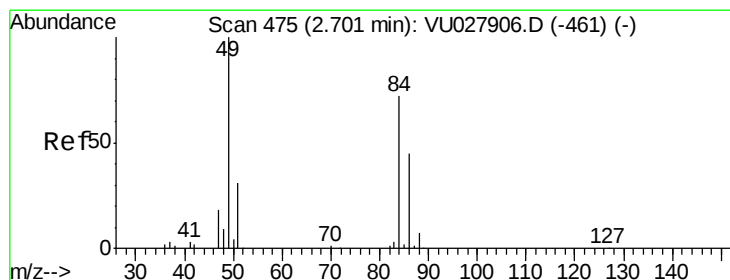
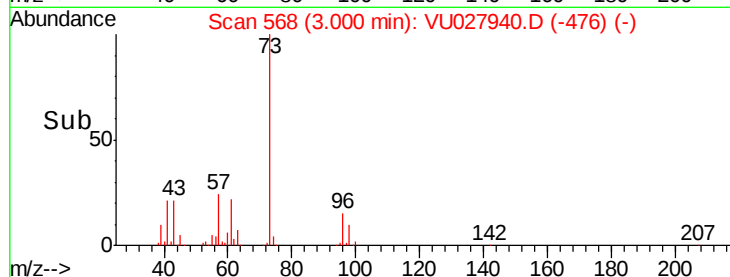
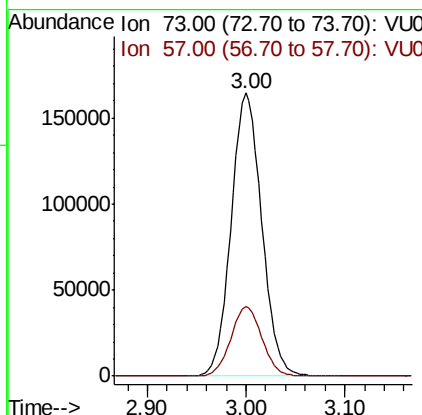
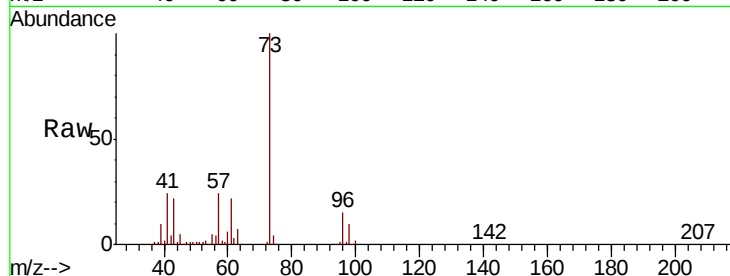




#19
Methvl tert-butvl Ether
Concen: 47.100 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

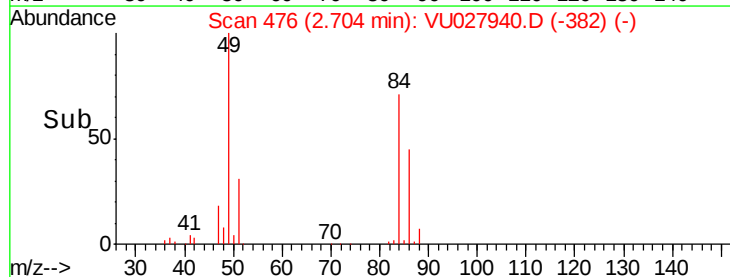
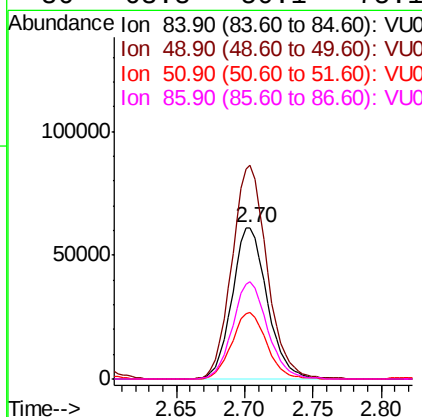
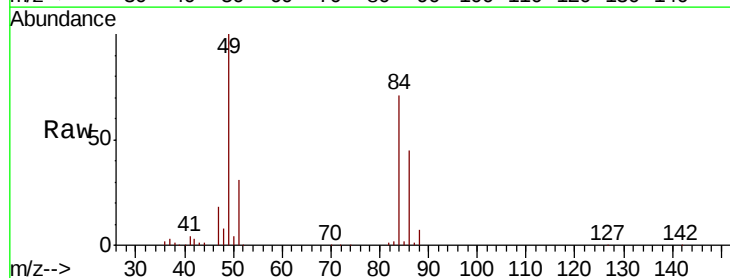
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

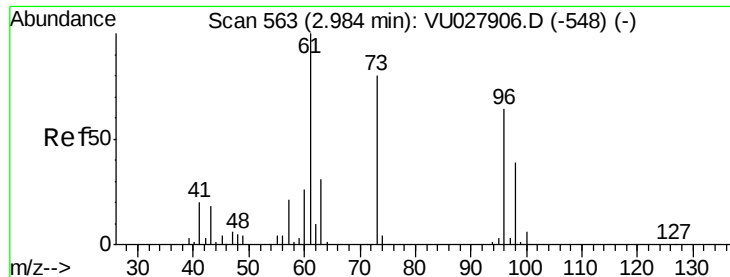
Tot Ion: 73 Resp: 355311
Ion Ratio Lower Upper
73 100
57 24.4 19.3 28.9



#20
Methylene Chloride
Concen: 45.599 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion: 84 Resp: 109614
Ion Ratio Lower Upper
84 100
49 140.8 111.6 167.4
51 43.6 34.8 52.2
86 63.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 45.079 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

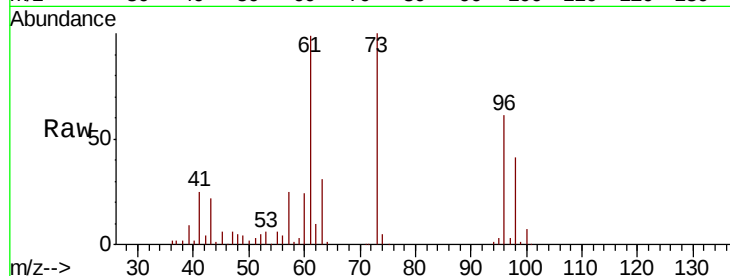
Tot Ion: 96 Resp: 97316

Ion Ratio Lower Upper

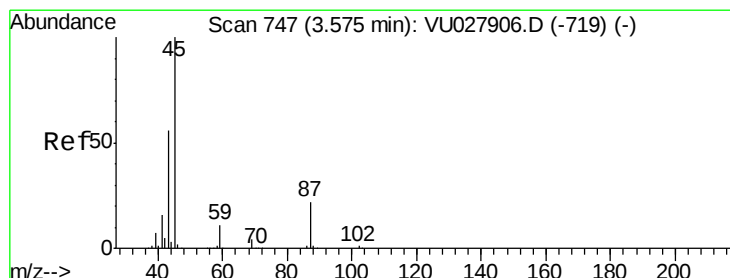
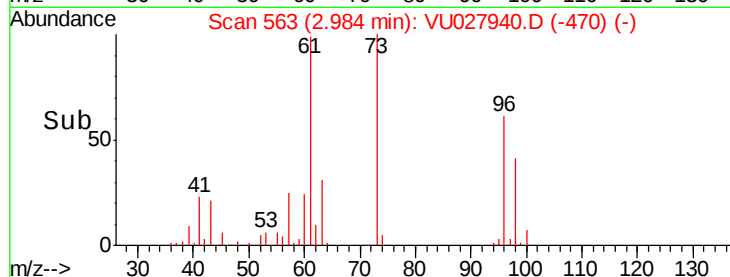
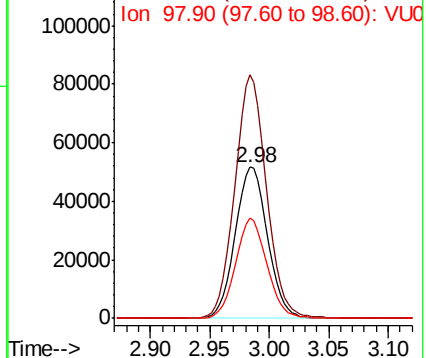
96 100

61 160.9 125.0 187.6

98 66.1 48.2 72.4



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



#22

Diisopropyl ether

Concen: 47.118 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Tgt Ion: 45 Resp: 444742

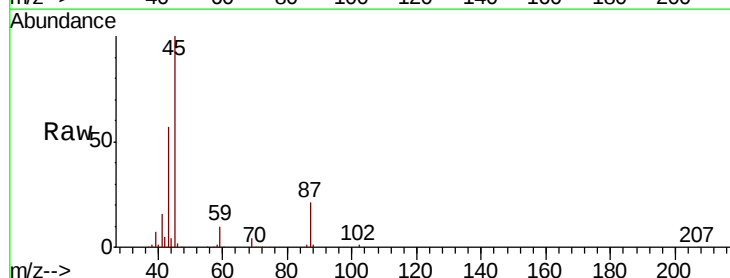
Ion Ratio Lower Upper

45 100

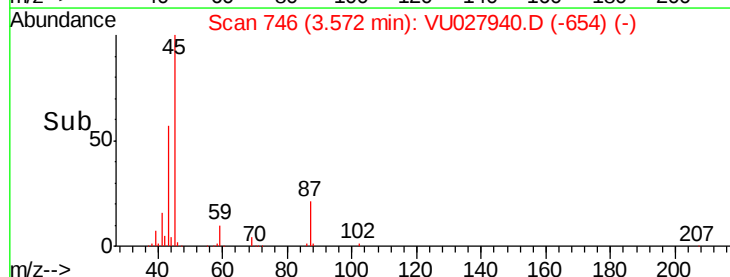
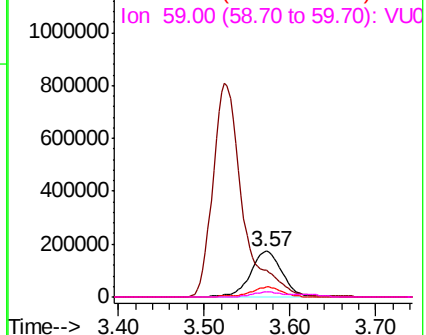
43 56.4 45.0 67.6

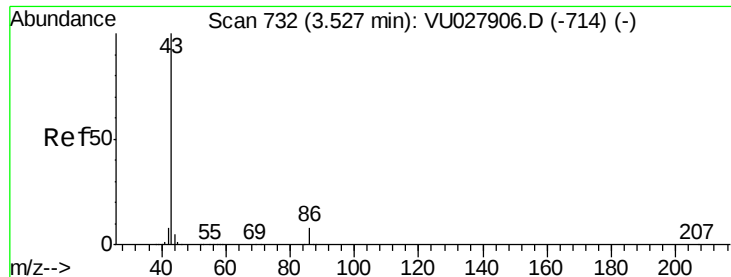
87 21.4 17.9 26.9

59 10.4 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 241.312 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

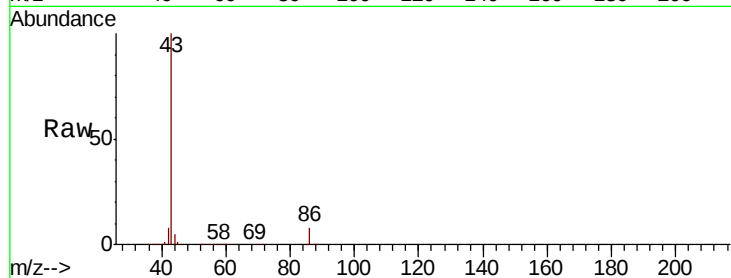
VSTDCCC050

Tot Ion: 43 Resp: 1957525

Ion Ratio Lower Upper

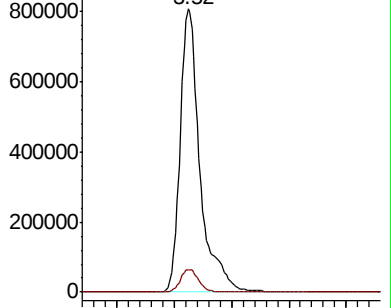
43 100

86 8.1 6.6 9.8

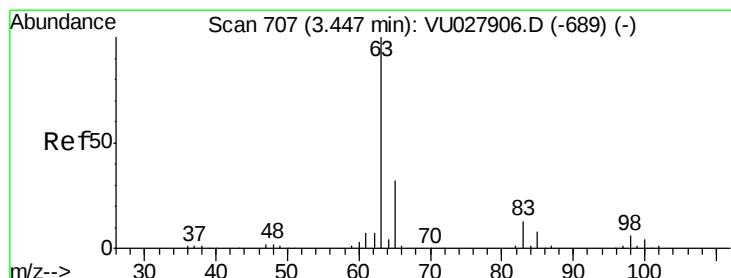
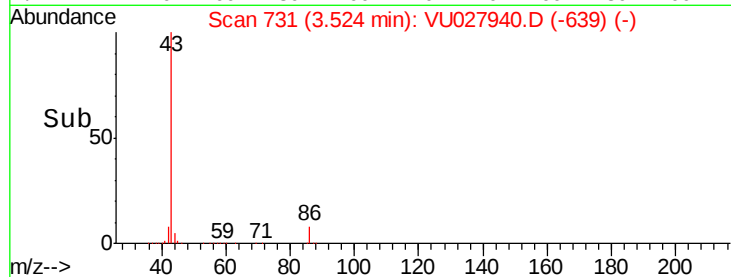


Abundance Ion 43.00 (42.70 to 43.70): VU027940.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027940.D (-639) (-)



Time-->



#24

1,1-Dichloroethane

Concen: 45.852 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

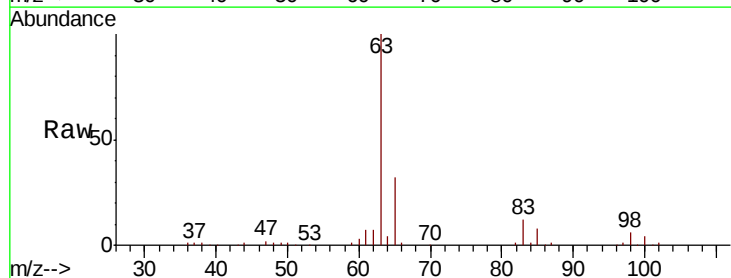
Tgt Ion: 63 Resp: 215571

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.6

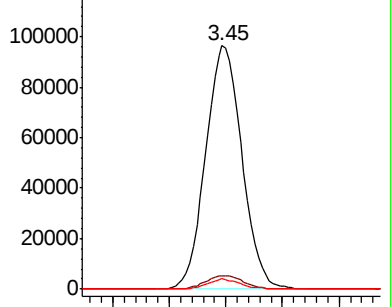
100 4.2 2.0 6.0



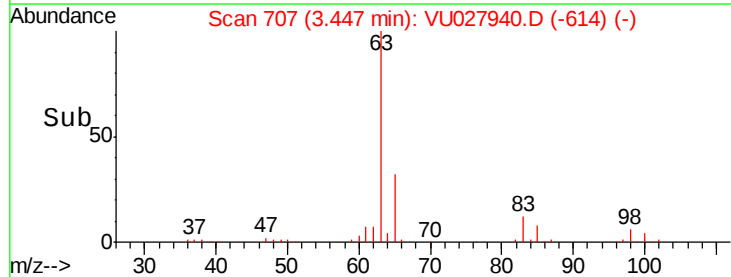
Abundance Ion 62.90 (62.60 to 63.60): VU027940.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU027940.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU027940.D (-614) (-)



Time-->





#25

2-Butanone

Concen: 237.295 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

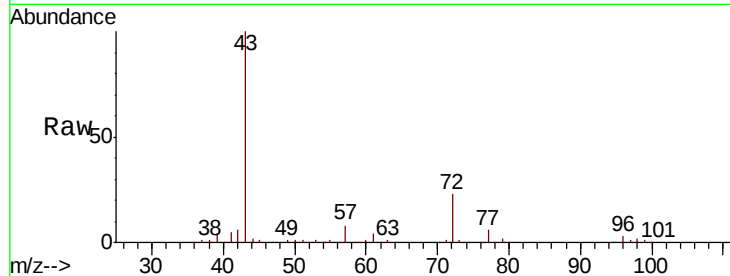
VSTDCCC050

Tot Ion: 43 Resp: 621545

Ion Ratio Lower Upper

43 100

72 23.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-934) (-)

Ion 72.00 (71.70 to 72.70): VU027906.D (-934) (-)

4.26

250000

200000

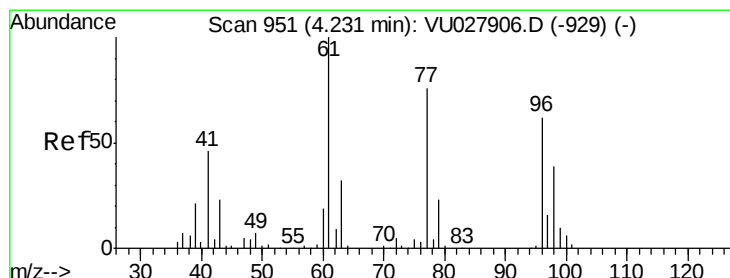
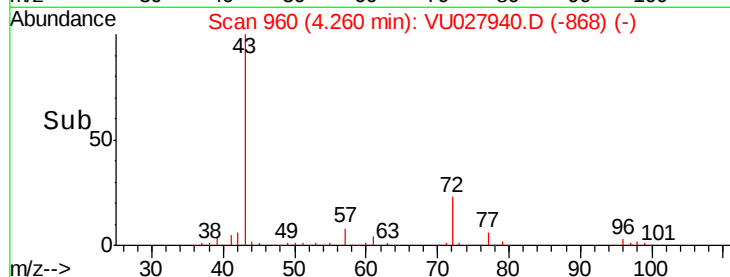
150000

100000

50000

0

Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 50.396 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027940.D

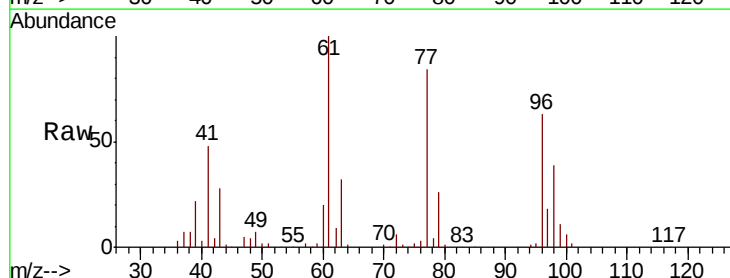
Acq: 05 Nov 2018 08:20

Tgt Ion: 77 Resp: 177809

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU027906.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU027906.D (-929) (-)

4.23

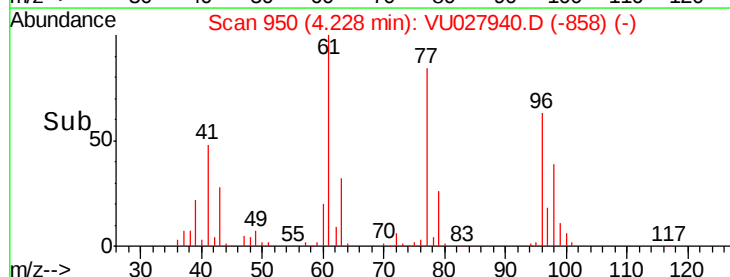
60000

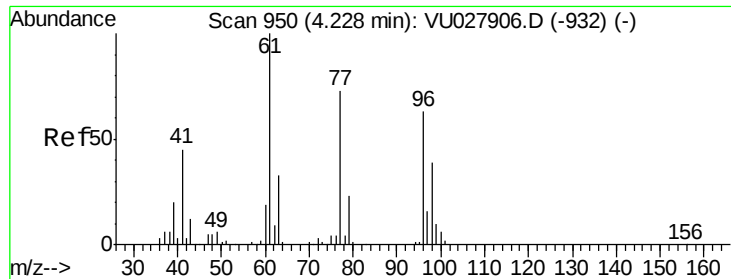
40000

20000

0

Time--> 4.10 4.20 4.30



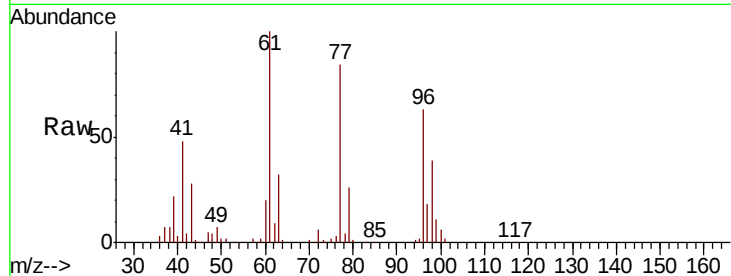


#27

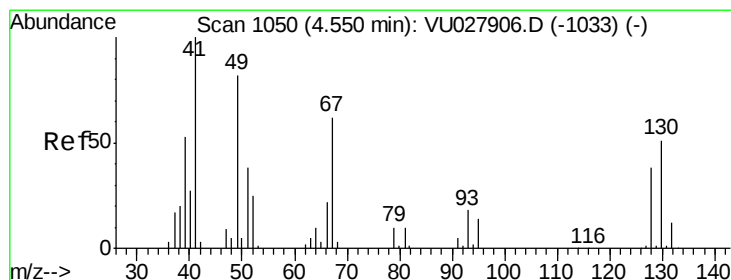
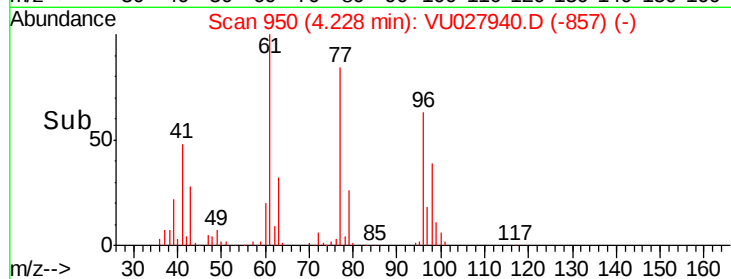
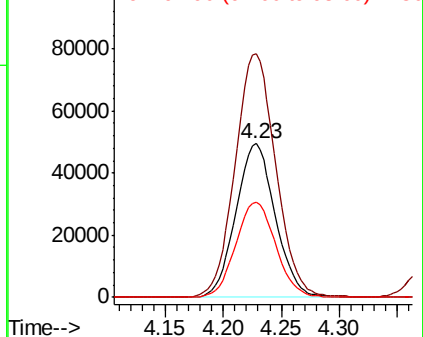
cis-1,2-Dichloroethene
Concen: 48.284 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 116888
Ion Ratio Lower Upper
96 100
61 163.7 0.0 329.6
98 63.1 0.0 127.2



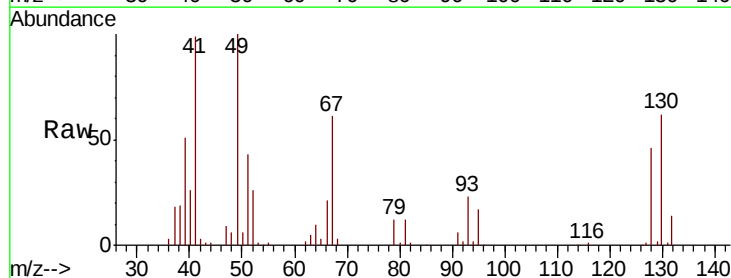
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



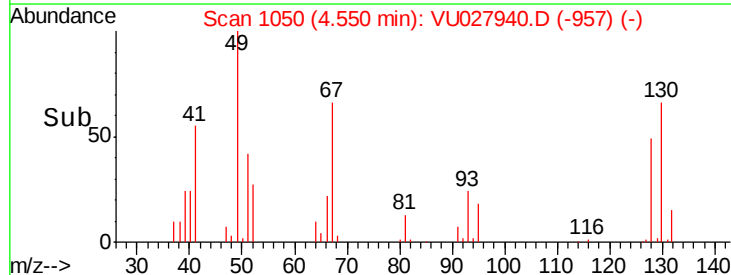
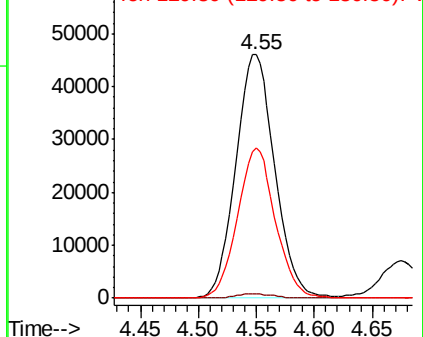
#28

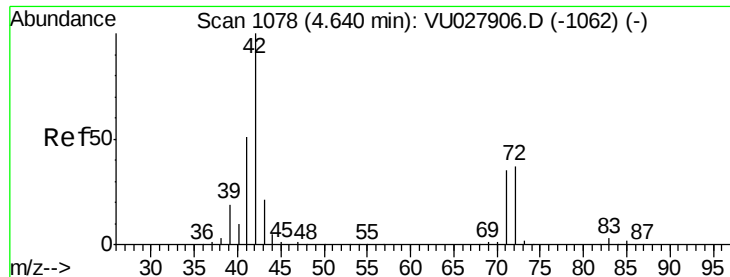
Bromochloromethane
Concen: 48.764 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion: 49 Resp: 107480
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.0
130 59.7 47.8 71.6



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: 219.440 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

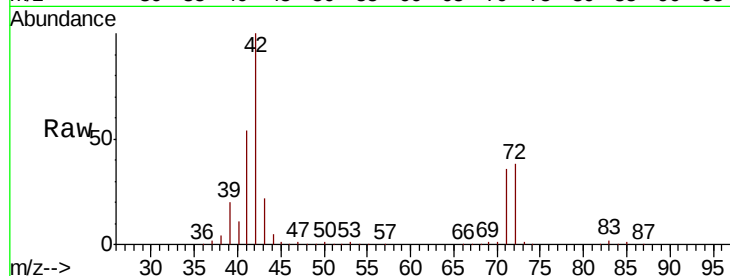
Tot Ion: 42 Resp: 383803

Ion Ratio Lower Upper

42 100

72 37.2 29.4 44.0

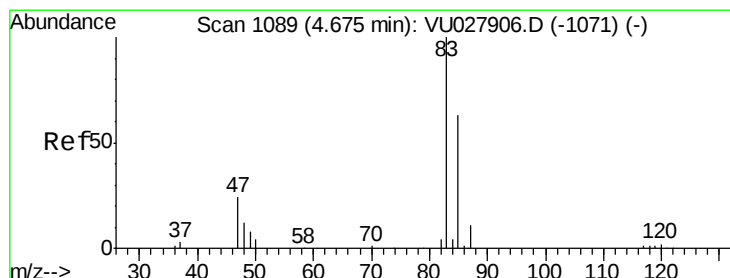
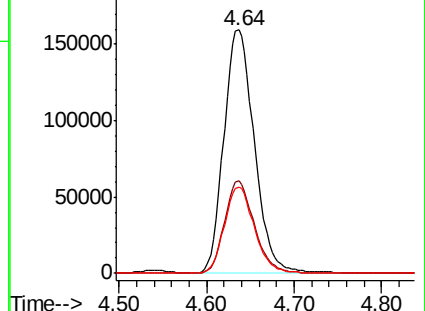
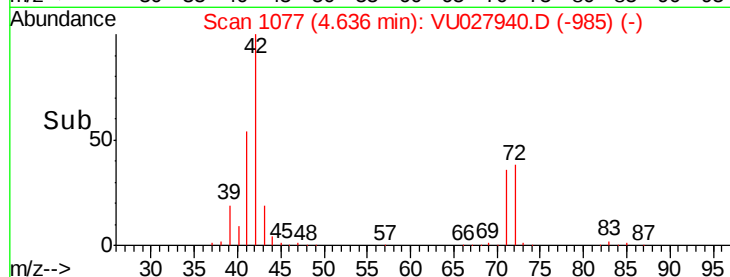
71 35.3 27.9 41.9



Abundance Ion 42.00 (41.70 to 42.70): VU027940.D (-985) (-)

Ion 72.00 (71.70 to 72.70): VU027940.D (-985) (-)

Ion 71.00 (70.70 to 71.70): VU027940.D (-985) (-)



#30

Chloroform

Concen: 45.979 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027940.D

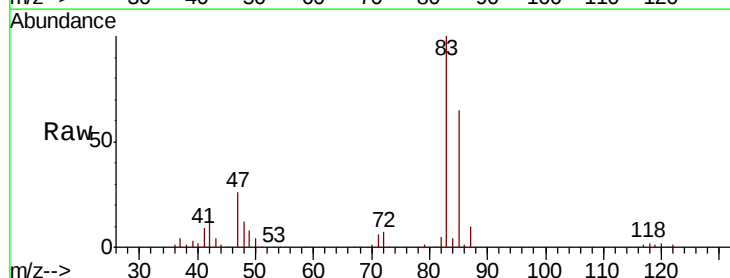
Acq: 05 Nov 2018 08:20

Tgt Ion: 83 Resp: 198206

Ion Ratio Lower Upper

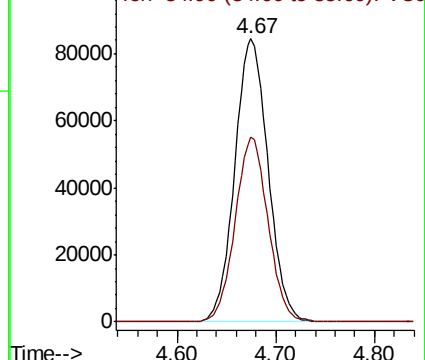
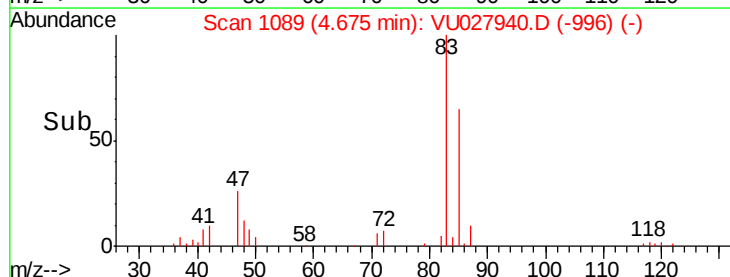
83 100

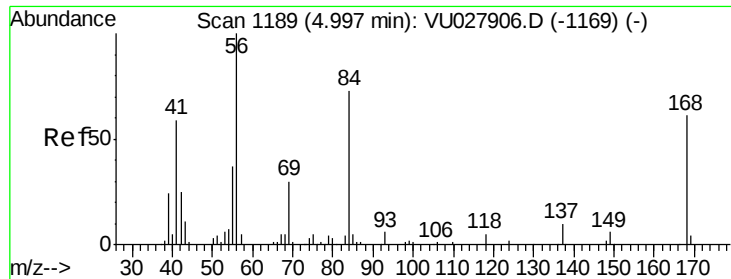
85 65.4 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VU027940.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027940.D (-996) (-)

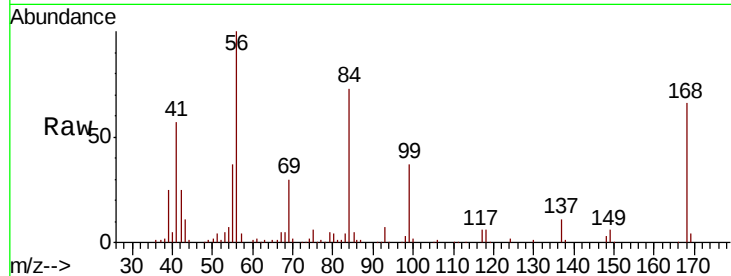




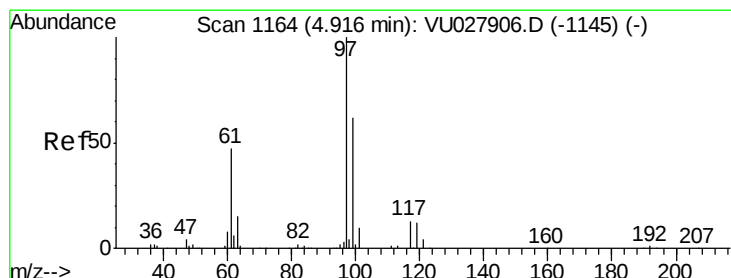
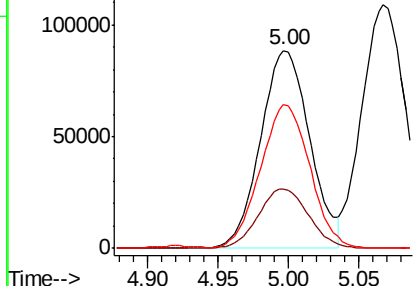
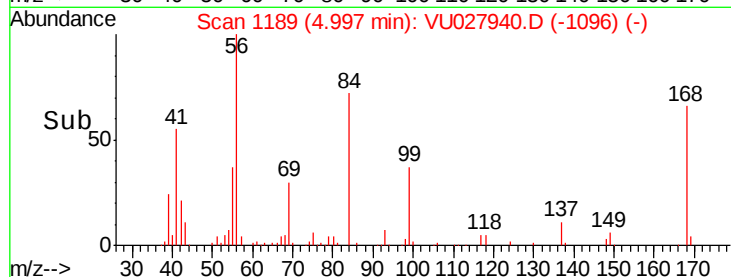
#31
Cyclohexane
Concen: 46.586 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 215465
Ion Ratio Lower Upper
56 100
69 30.0 23.7 35.5
84 71.9 58.2 87.4

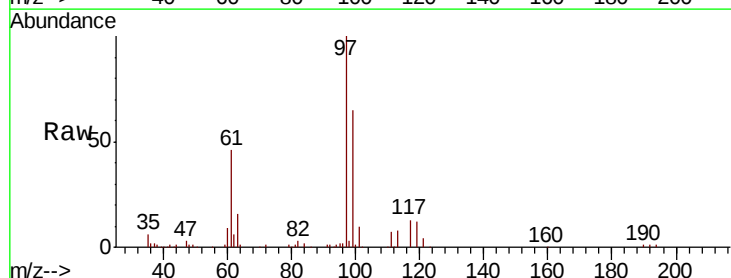


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

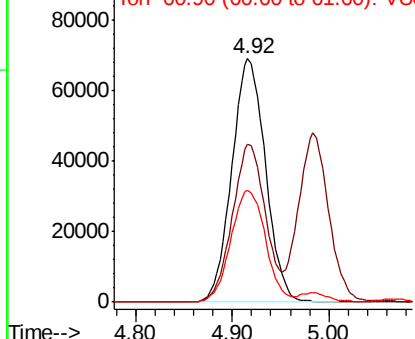
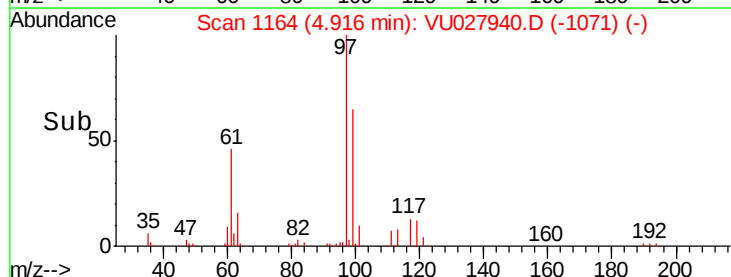


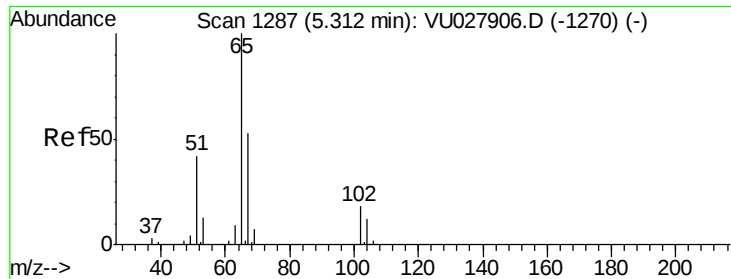
#32
1,1,1-Trichloroethane
Concen: 48.690 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion: 97 Resp: 167078
Ion Ratio Lower Upper
97 100
99 63.9 50.5 75.7
61 47.4 38.3 57.5



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: 46.515 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

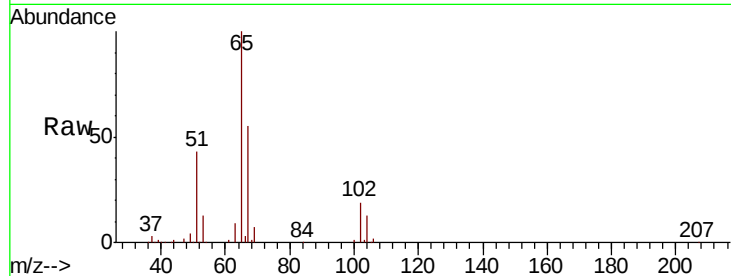
VSTDCCC050

Tot Ion: 65 Resp: 123435

Ion Ratio Lower Upper

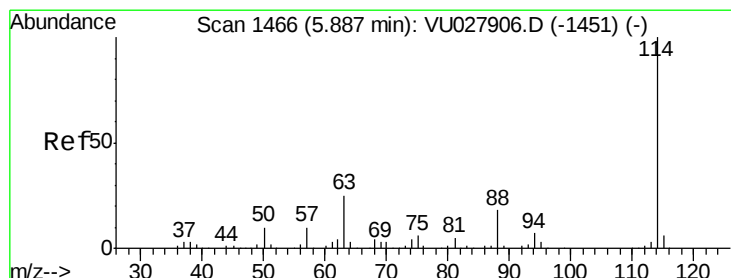
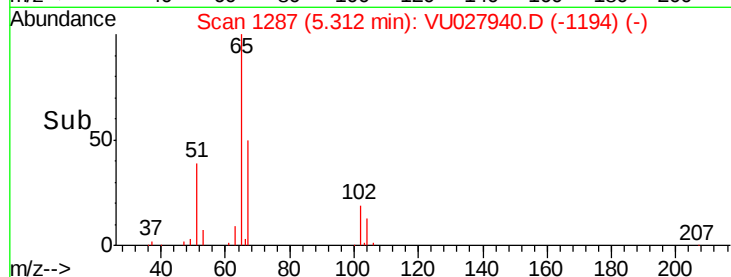
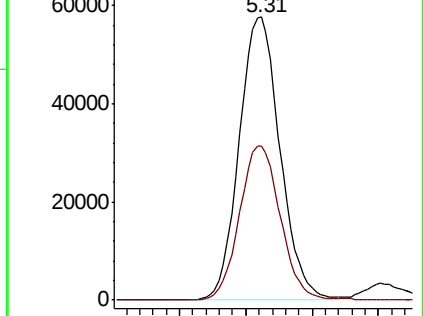
65 100

67 54.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

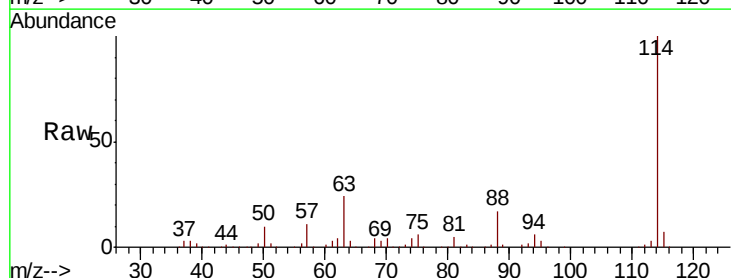
Tgt Ion: 114 Resp: 302438

Ion Ratio Lower Upper

114 100

63 24.4 0.0 50.8

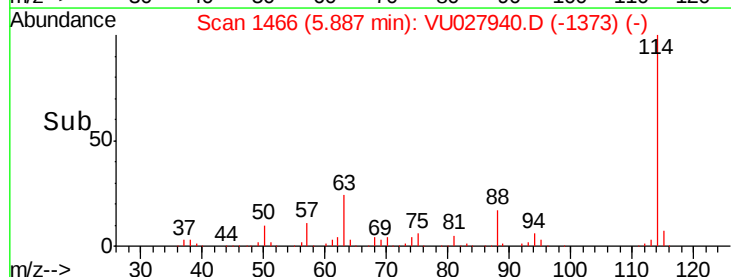
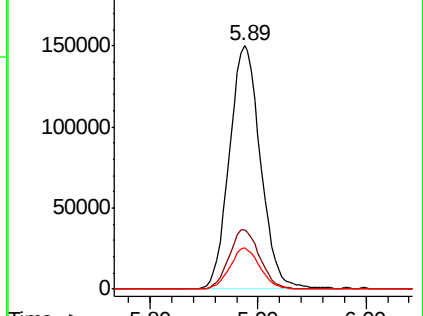
88 16.8 0.0 35.8

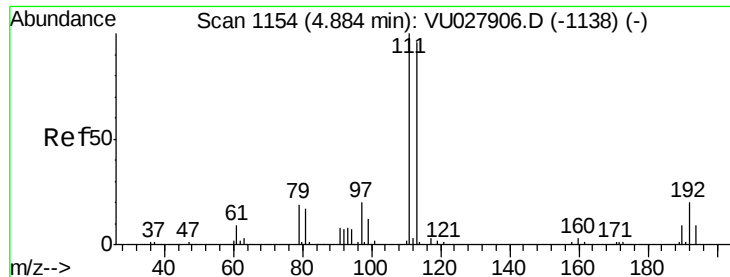


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

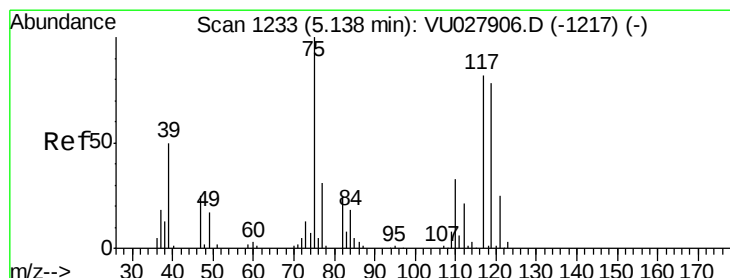
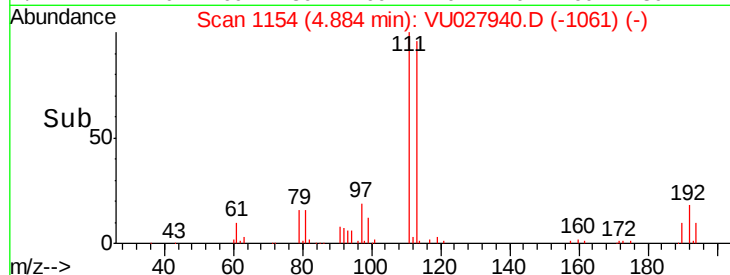
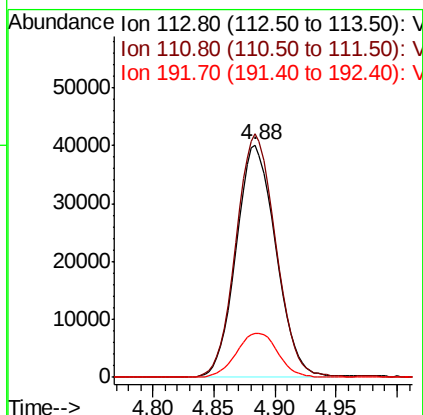
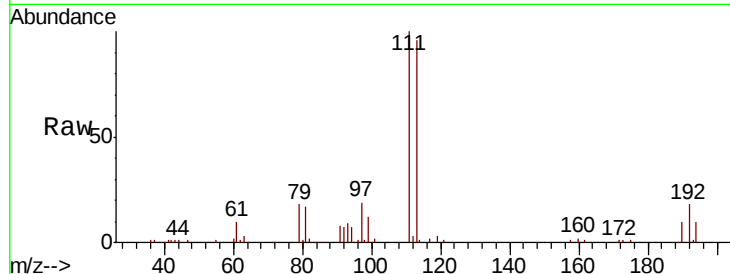




#35
 Dibromofluoromethane
 Concen: 47.542 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

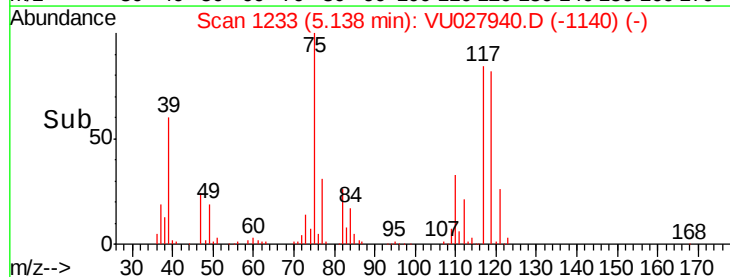
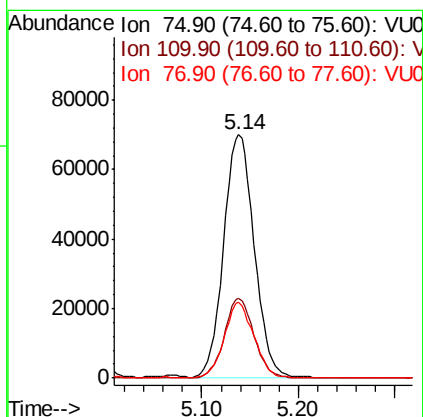
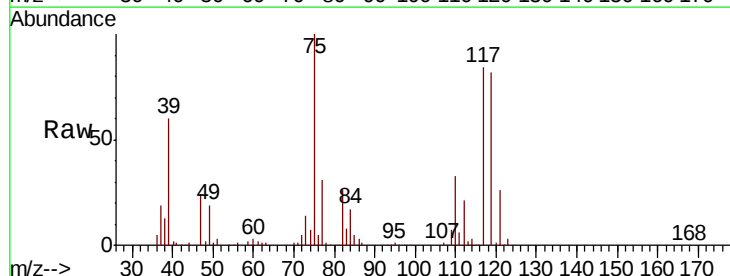
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

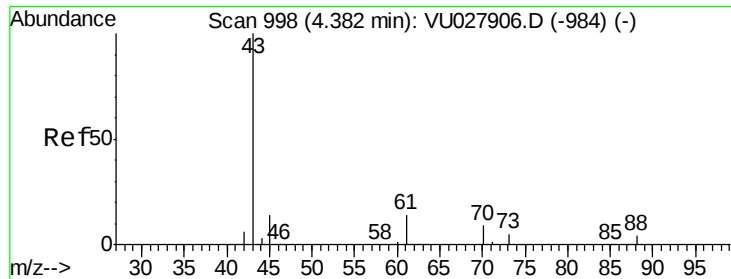
Tot Ion:113 Resp: 90659
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.0 124.6
 192 19.8 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 48.797 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion: 75 Resp: 154567
 Ion Ratio Lower Upper
 75 100
 110 31.7 16.5 49.5
 77 30.2 24.9 37.3





#37

Ethyl Acetate

Concen: 45.742 ug/l

RT: 4.38 min Scan# 997

Delta R.T. -0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

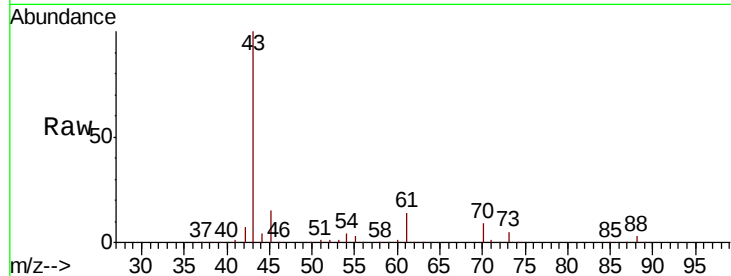
Tot Ion: 43 Resp: 212294

Ion Ratio Lower Upper

43 100

61 13.4 10.3 15.5

70 9.2 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0

300000

200000

100000

0

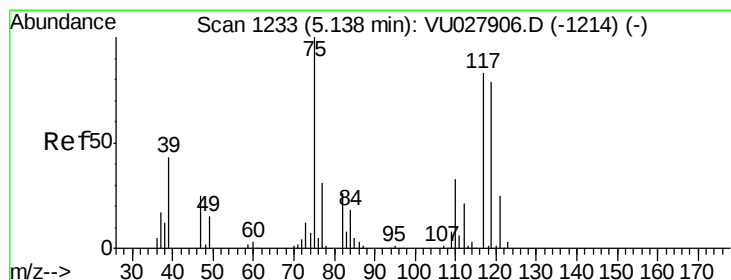
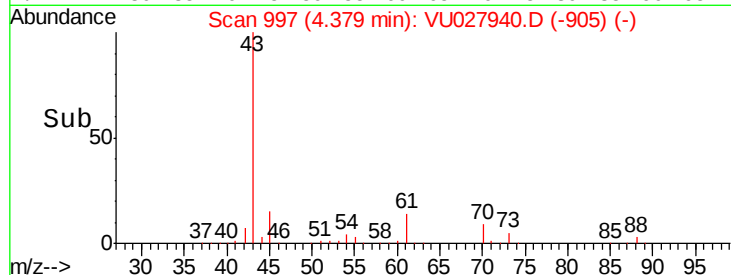
4.38

4.30

4.40

4.50

Time-->



#38

Carbon Tetrachloride

Concen: 49.692 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

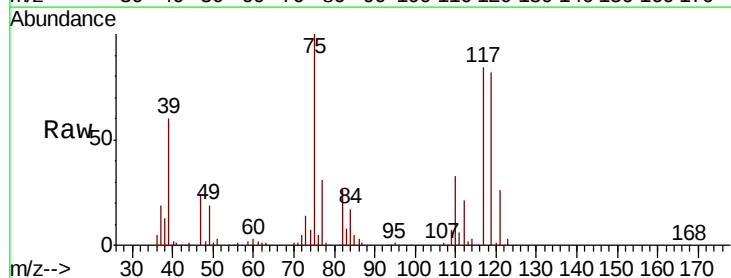
Tgt Ion: 117 Resp: 139491

Ion Ratio Lower Upper

117 100

119 97.3 76.0 114.0

121 30.6 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

80000

60000

40000

20000

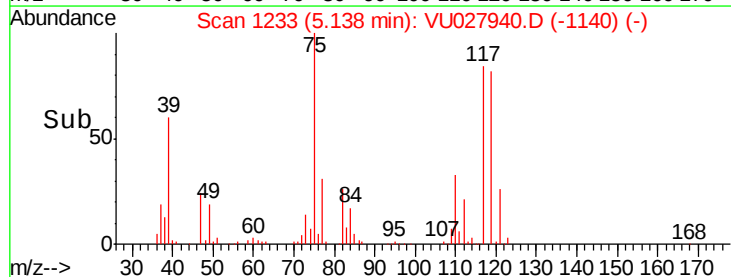
0

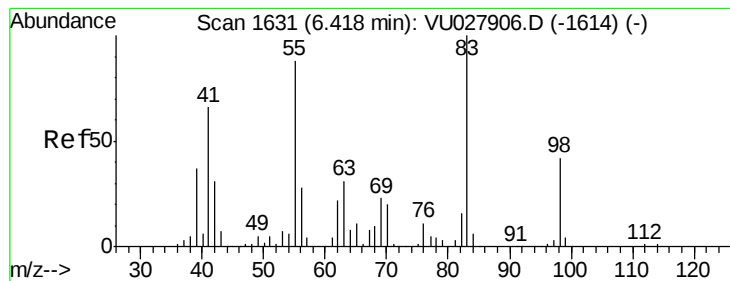
5.14

5.10

5.20

Time-->





#39

Methvlcvclohexane

Concen: 50.316 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

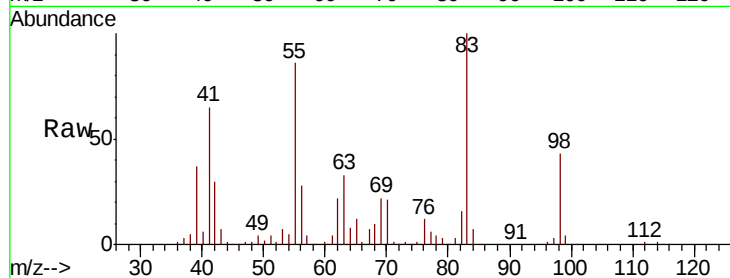
Tot Ion: 83 Resp: 192228

Ion Ratio Lower Upper

83 100

55 85.9 70.3 105.5

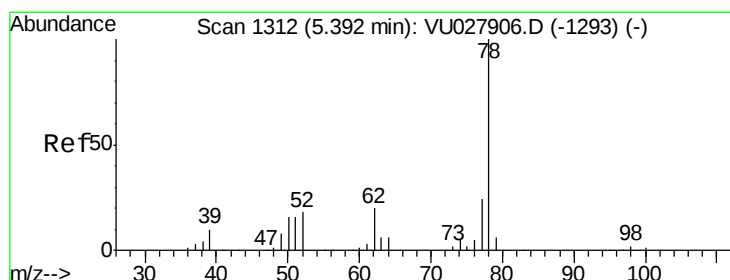
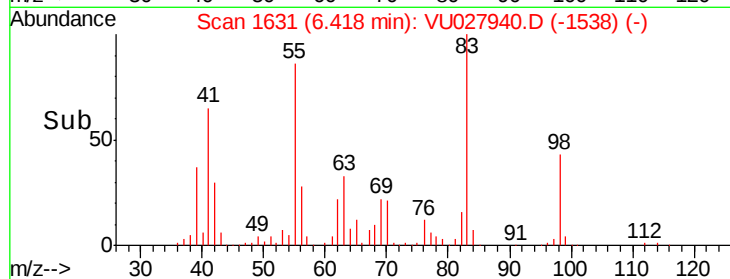
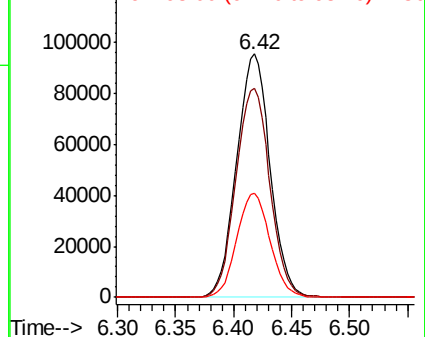
98 42.7 34.0 51.0



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: 47.951 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027940.D

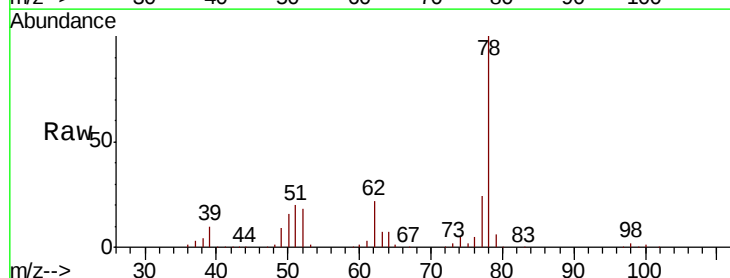
Acq: 05 Nov 2018 08:20

Tgt Ion: 78 Resp: 464378

Ion Ratio Lower Upper

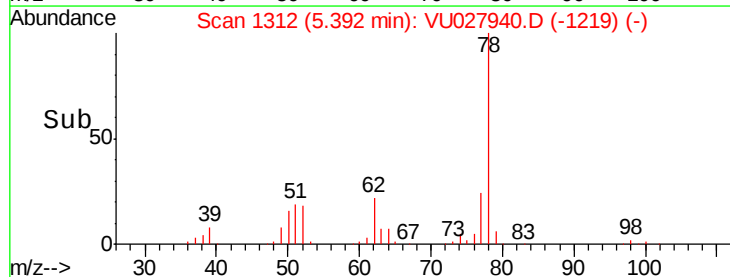
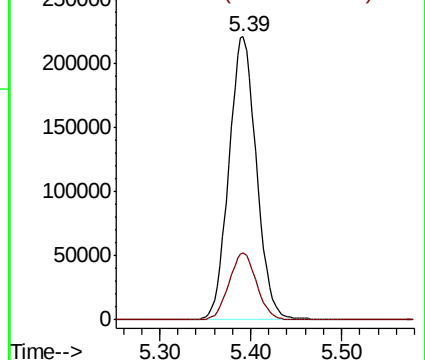
78 100

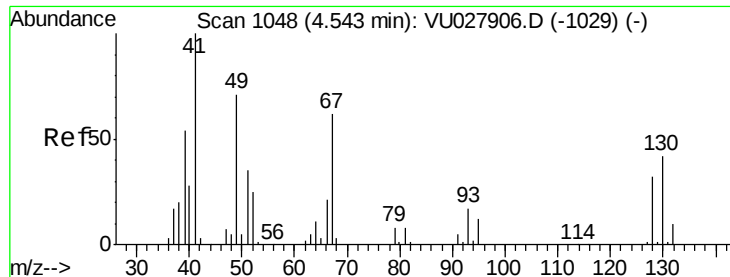
77 23.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

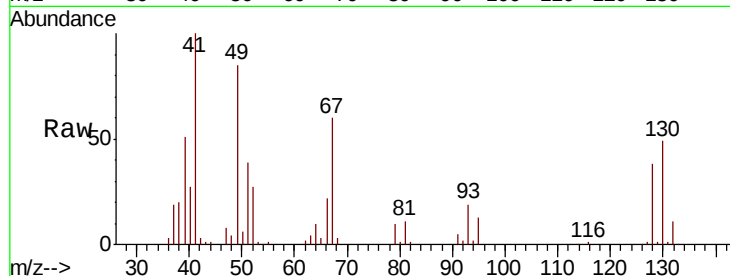




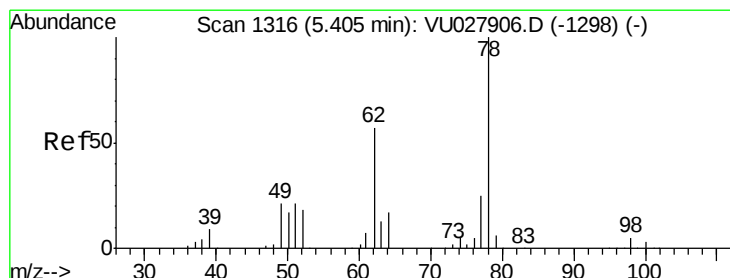
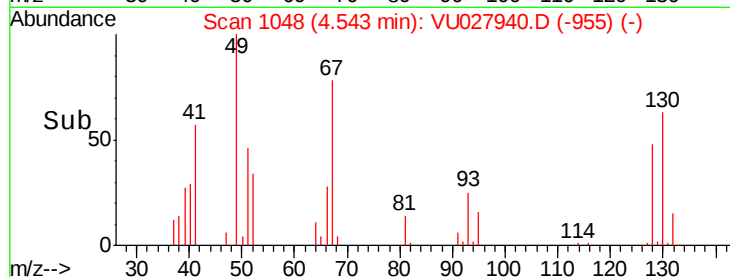
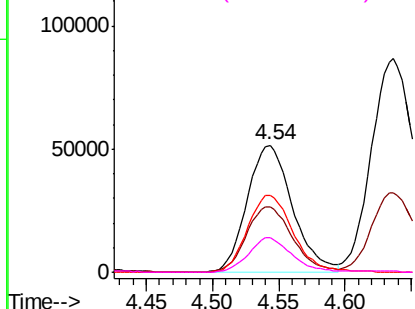
#41
Methacrylonitrile
Concen: 49.776 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	123286
Ion	Ratio	Lower	Upper
41	100		
39	51.8	42.2	63.4
67	61.0	49.5	74.3
52	26.3	20.5	30.7

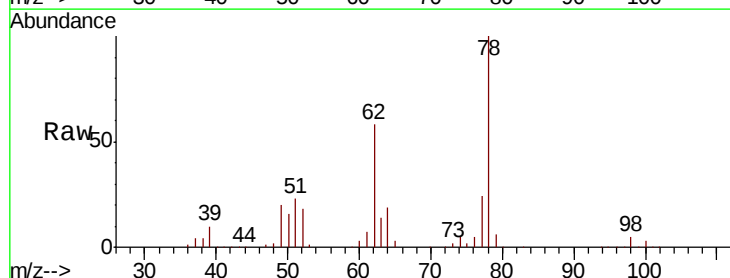


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

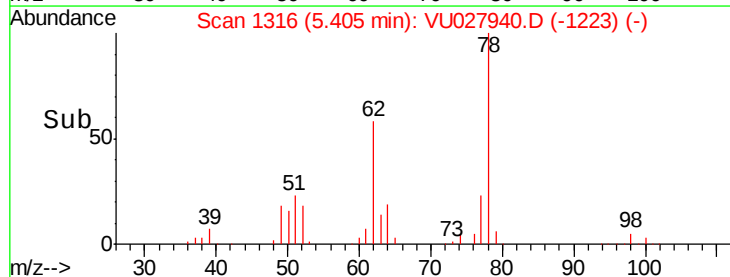
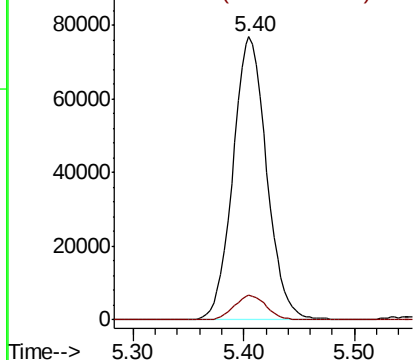


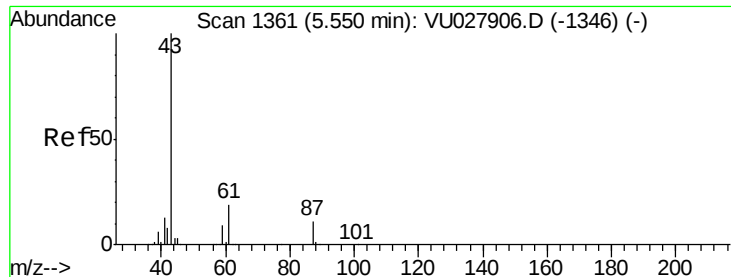
#42
1,2-Dichloroethane
Concen: 47.274 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion:	62	Resp:	162734
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 47.215 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

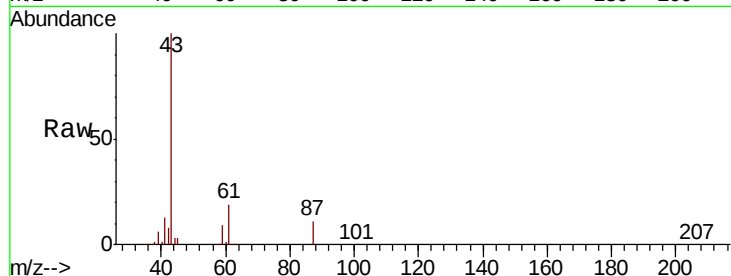
Tot Ion: 43 Resp: 343313

Ion Ratio Lower Upper

43 100

61 18.9 15.0 22.4

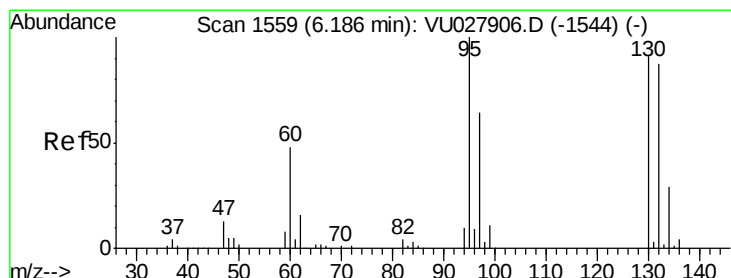
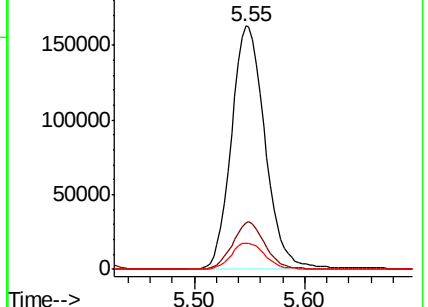
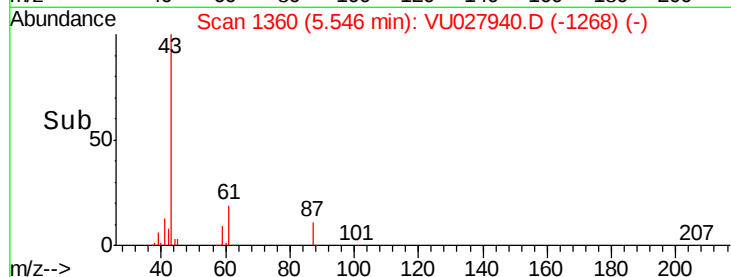
87 11.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027940.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027940.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027940.D (-1346) (-)



#44

Trichloroethene

Concen: 49.743 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027940.D

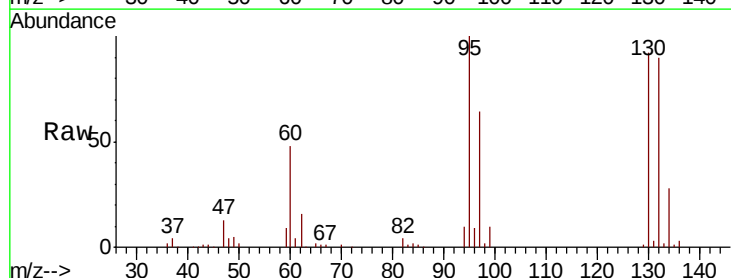
Acq: 05 Nov 2018 08:20

Tgt Ion:130 Resp: 103549

Ion Ratio Lower Upper

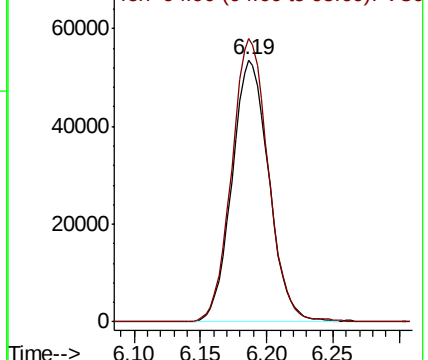
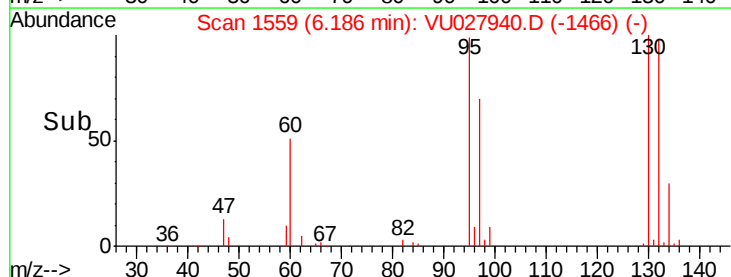
130 100

95 108.2 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): VU027940.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027940.D (-1466) (-)

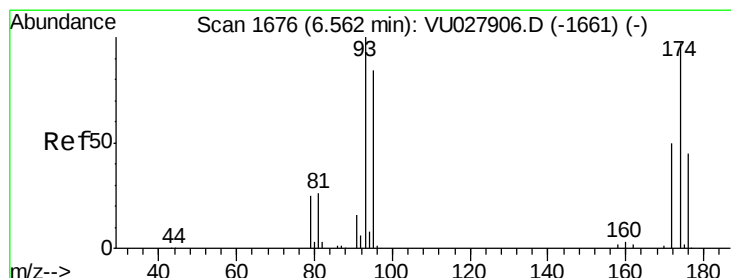
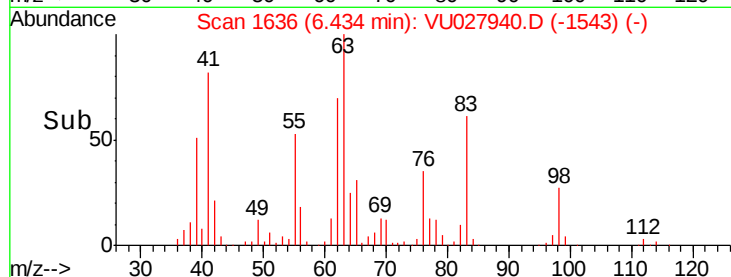
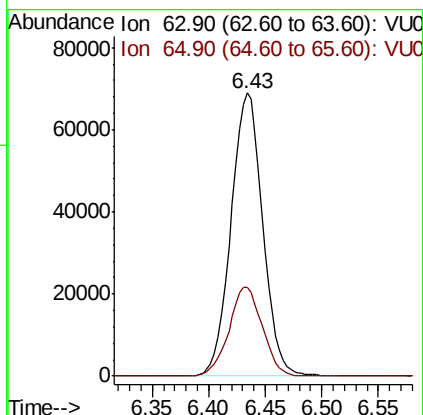
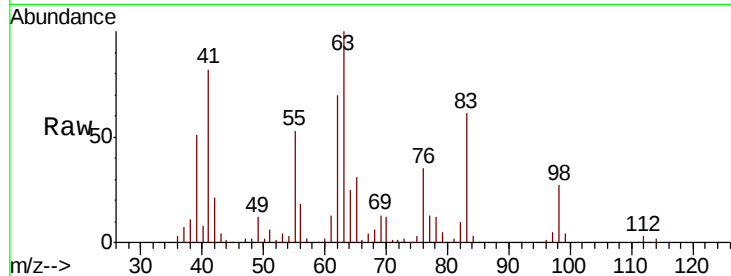




#45
 1,2-Dichloropropane
 Concen: 48.108 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

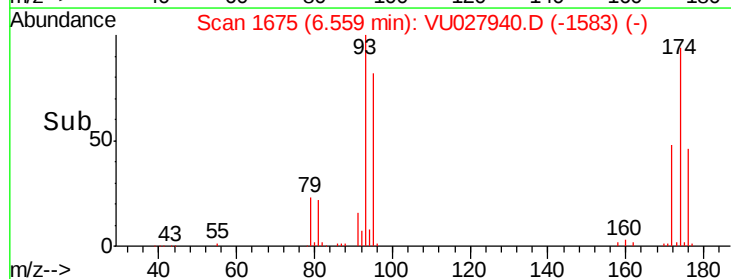
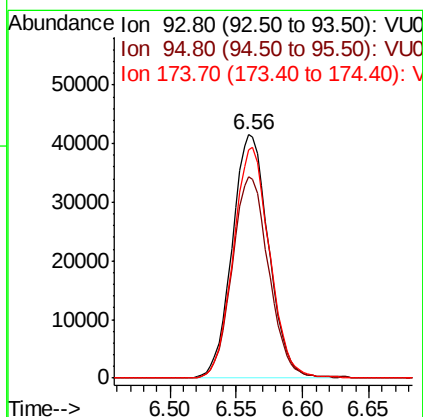
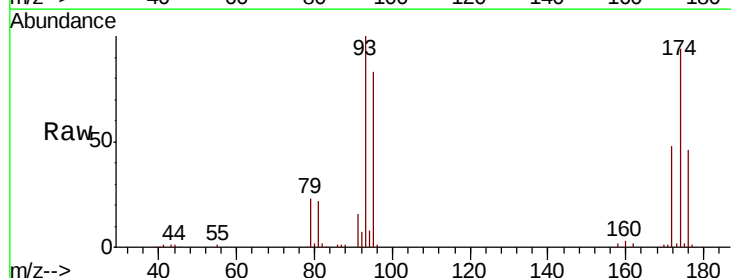
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

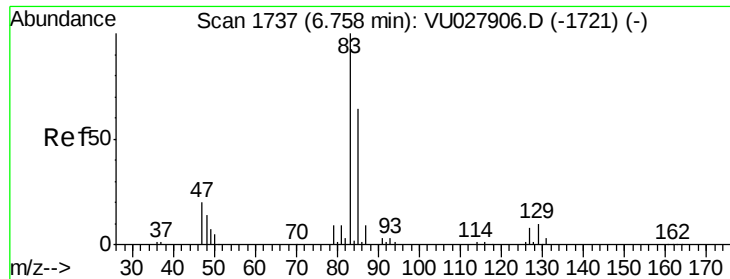
Tot Ion: 63 Resp: 134362
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.4 36.6



#46
 Dibromomethane
 Concen: 49.490 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion: 93 Resp: 79451
 Ion Ratio Lower Upper
 93 100
 95 83.0 68.5 102.7
 174 94.3 76.1 114.1





#47

Bromodichloromethane

Concen: 51.018 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

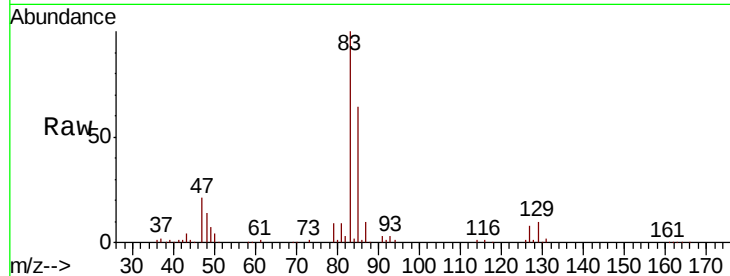
Tot Ion: 83 Resp: 157839

Ion Ratio Lower Upper

83 100

85 64.2 51.0 76.6

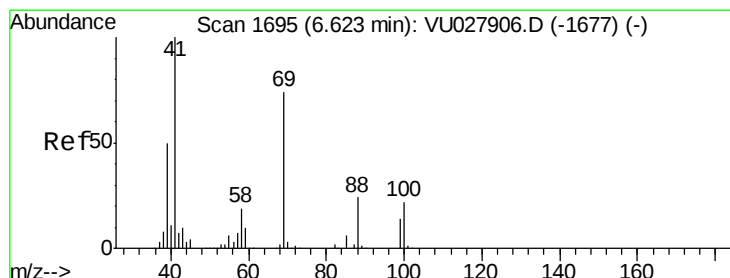
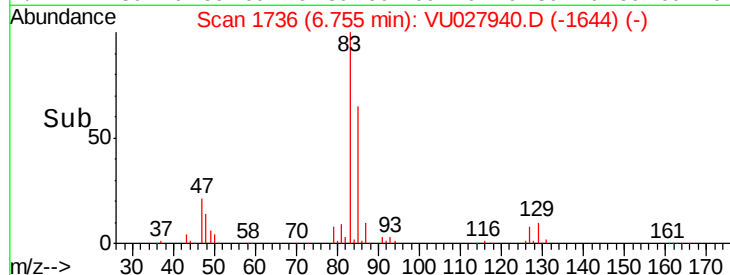
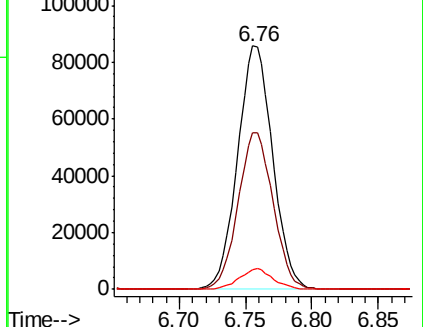
127 8.2 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VU027940.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027940.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027940.D (-1644) (-)



#48

Methyl methacrylate

Concen: 48.512 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

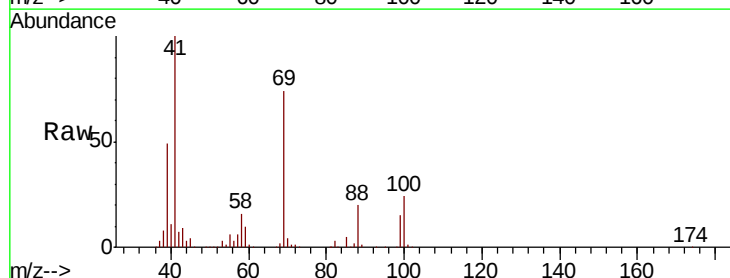
Tgt Ion: 41 Resp: 172859

Ion Ratio Lower Upper

41 100

69 75.7 59.8 89.8

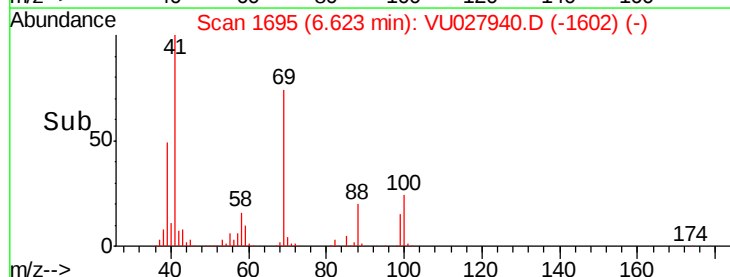
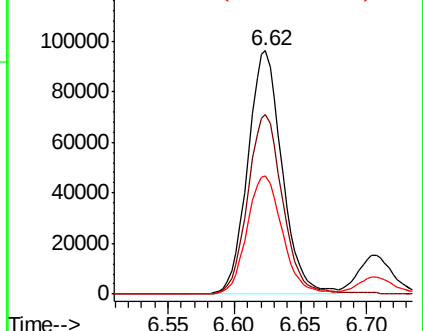
39 50.1 40.0 60.0

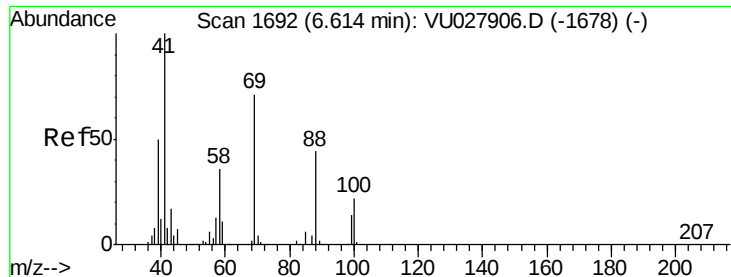


Abundance Ion 41.00 (40.70 to 41.70): VU027940.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027940.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027940.D (-1602) (-)

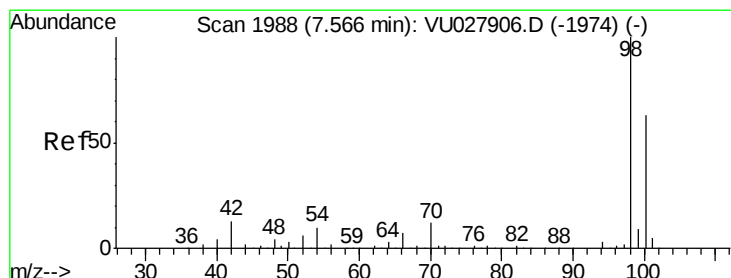
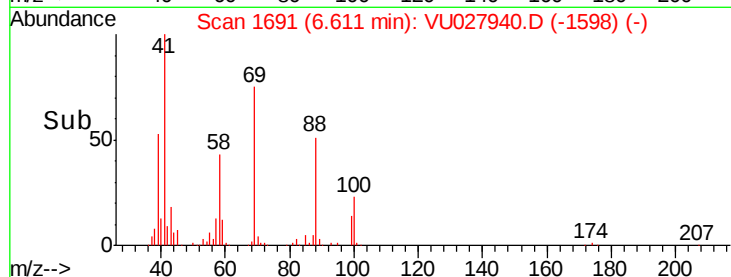
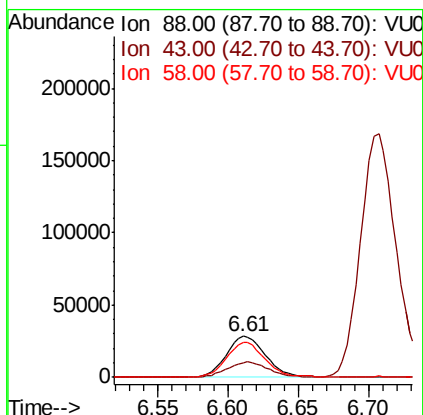
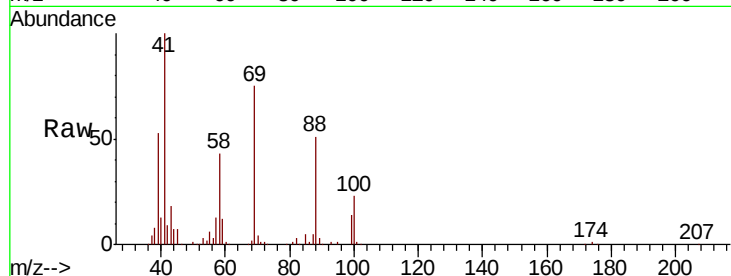




#49
1,4-Dioxane
Concen: 944.292 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

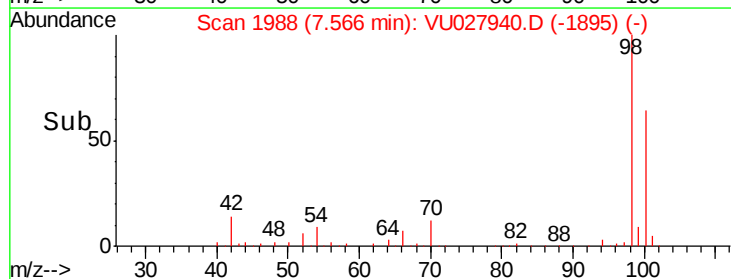
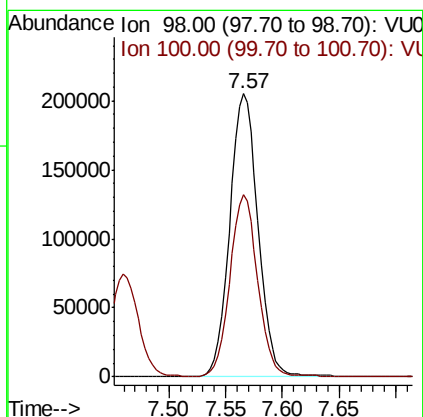
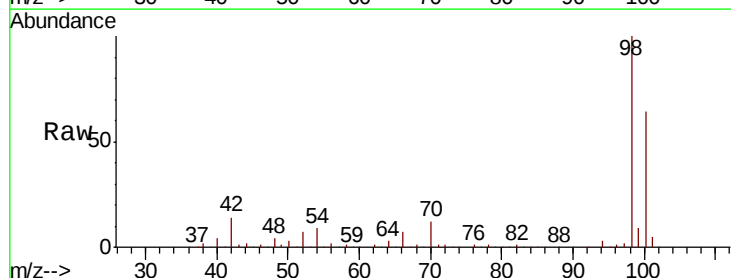
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

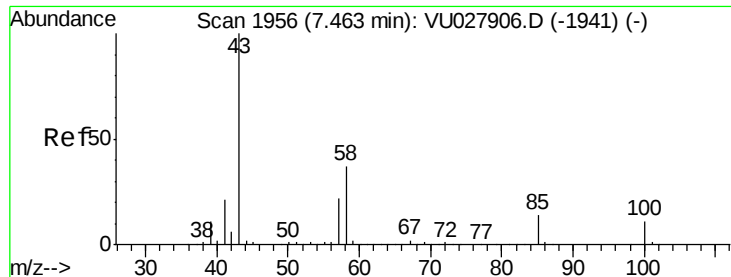
Tot Ion: 88 Resp: 54896
Ion Ratio Lower Upper
88 100
43 38.4 30.5 45.7
58 85.0 67.1 100.7



#50
Toluene-d8
Concen: 48.554 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion: 98 Resp: 357664
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 233.318 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

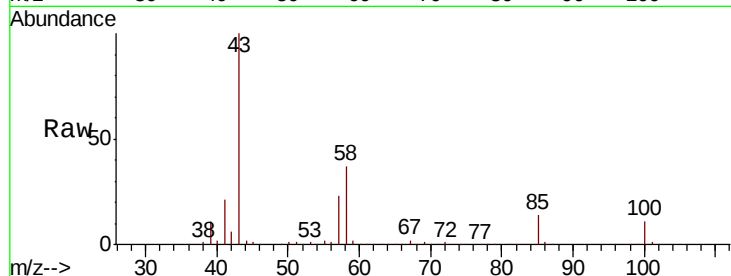
VSTDCCC050

Tot Ion: 43 Resp: 1132997

Ion Ratio Lower Upper

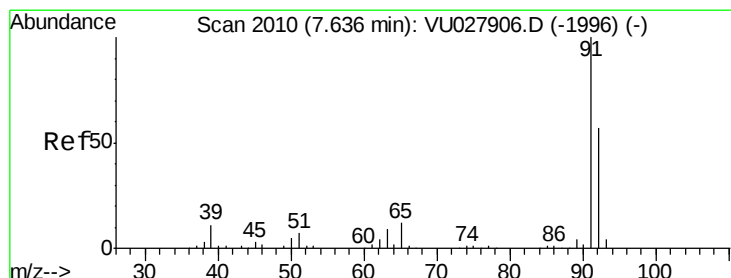
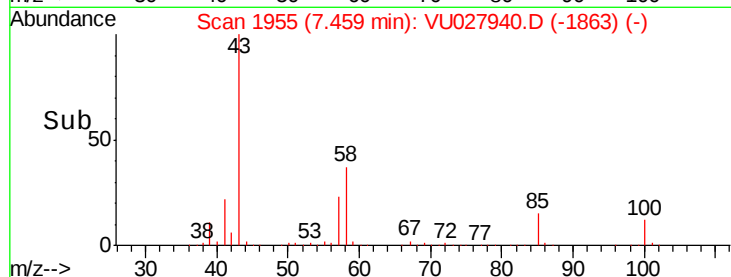
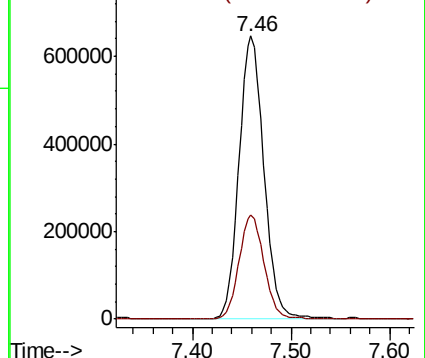
43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 48.327 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU027940.D

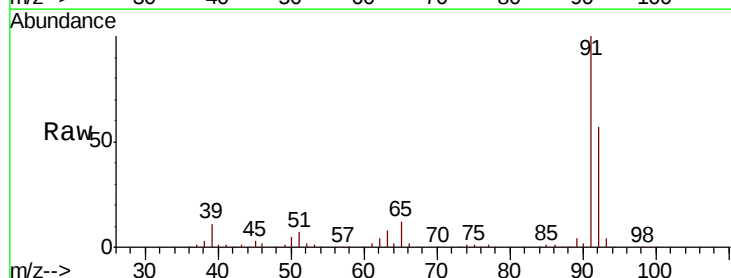
Acq: 05 Nov 2018 08:20

Tgt Ion: 92 Resp: 275146

Ion Ratio Lower Upper

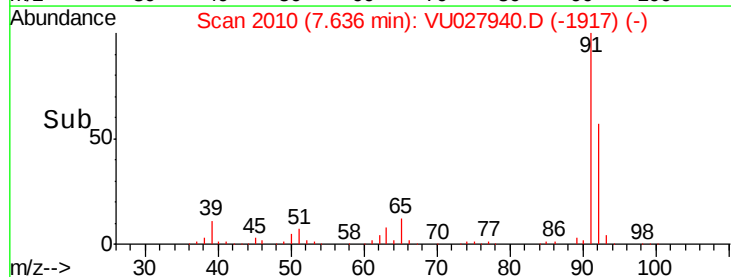
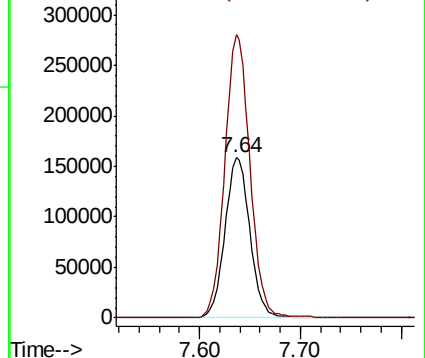
92 100

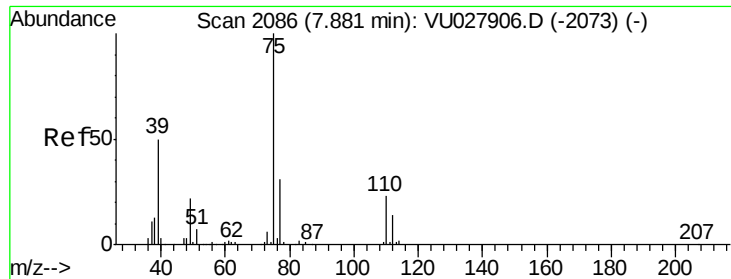
91 178.3 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

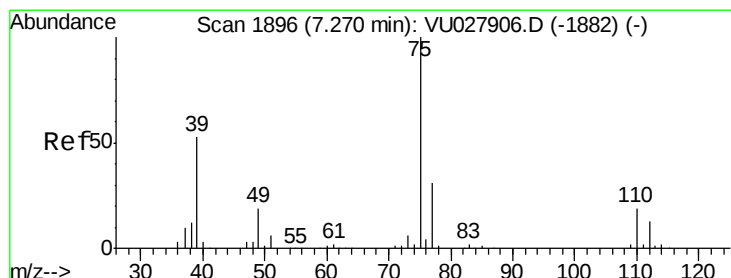
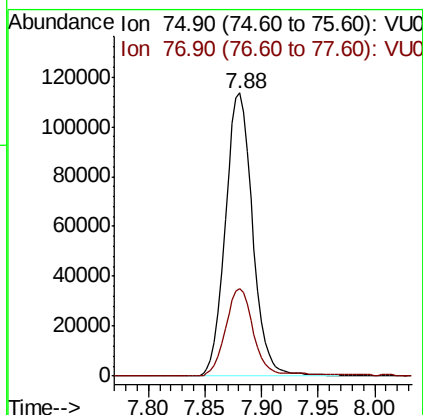
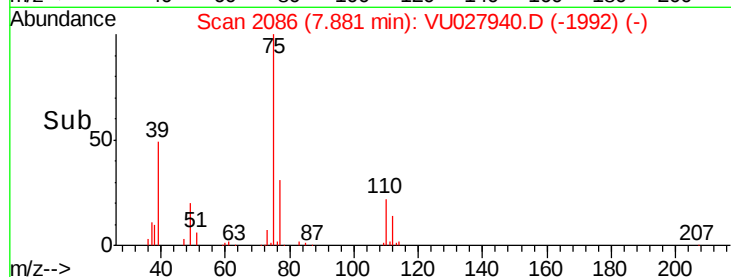
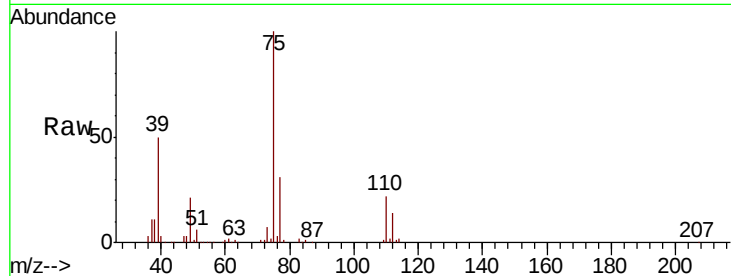




#53
 t-1,3-Dichloropropene
 Concen: 49.657 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

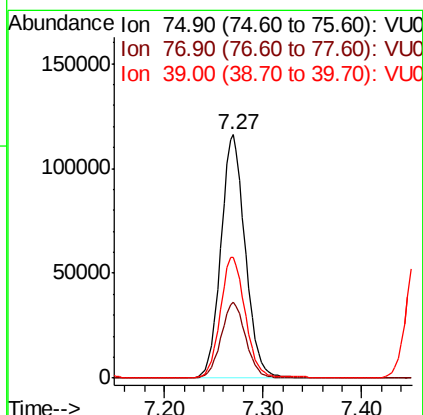
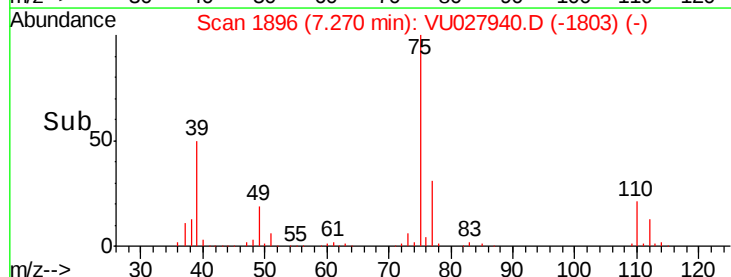
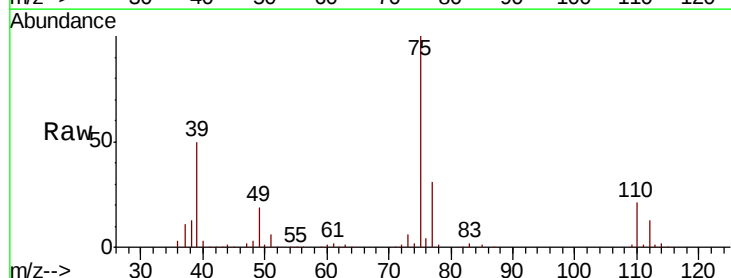
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

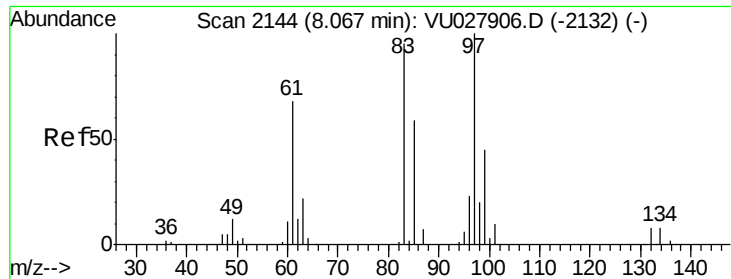
Tot Ion: 75 Resp: 190483
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.875 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion: 75 Resp: 201658
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0
 39 49.7 42.6 64.0

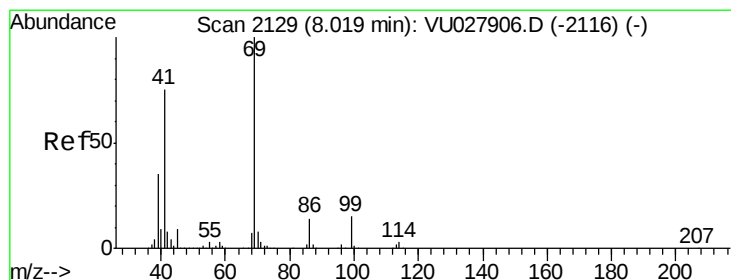
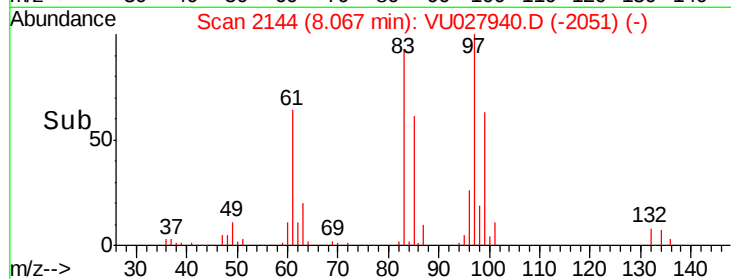
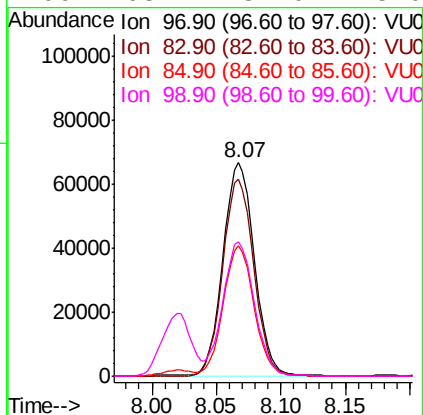
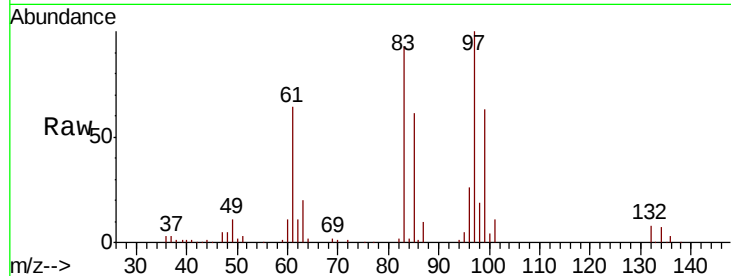




#55
 1,1,2-Trichloroethane
 Concen: 48.848 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

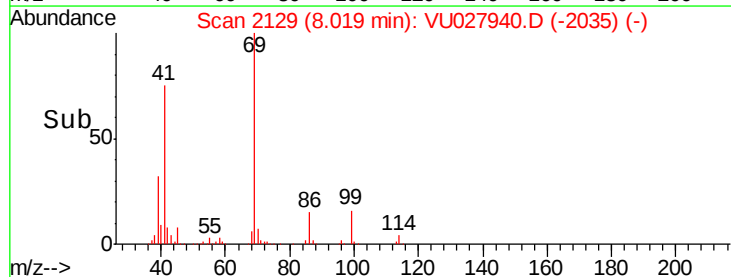
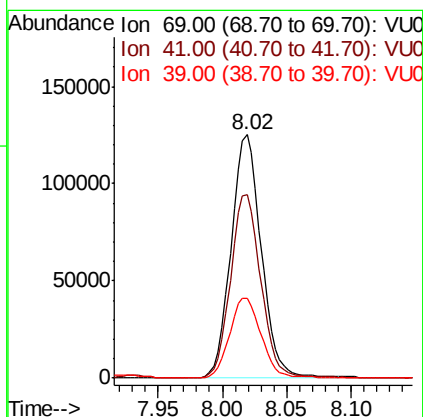
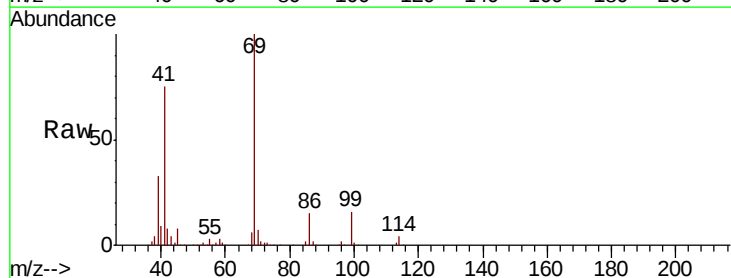
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	113147
Ion	Ratio	Lower	Upper
97	100		
83	92.4	76.1	114.1
85	60.9	48.9	73.3
99	63.2	52.0	78.0



#56
 Ethyl methacrylate
 Concen: 49.859 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion:	69	Resp:	203665
Ion	Ratio	Lower	Upper
69	100		
41	75.6	59.8	89.6
39	34.0	28.6	42.8





#57

1,3-Dichloropropane

Concen: 48.339 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

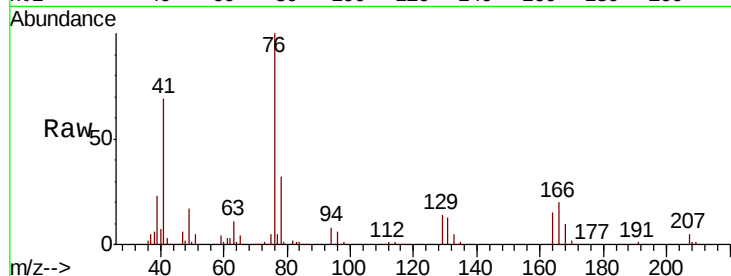
VSTDCCC050

Tot Ion: 76 Resp: 203960

Ion Ratio Lower Upper

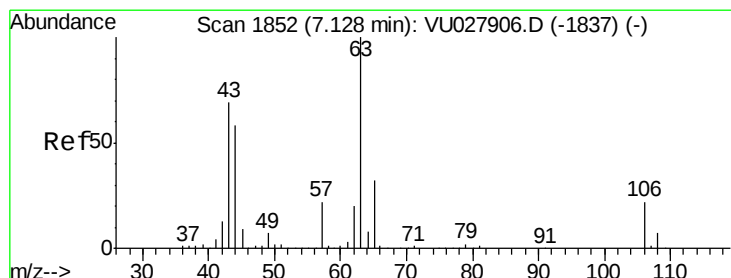
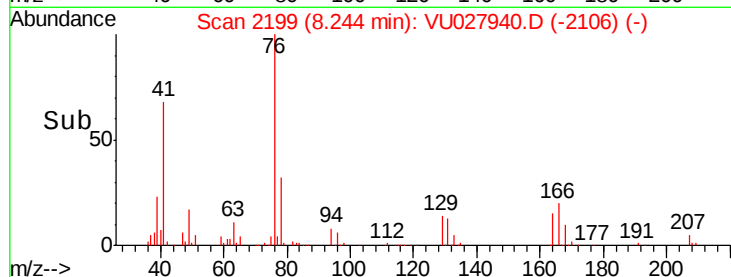
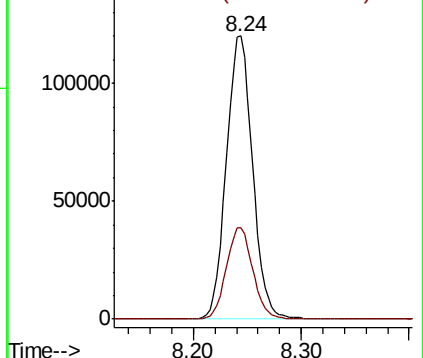
76 100

78 32.6 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 257.871 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VU027940.D

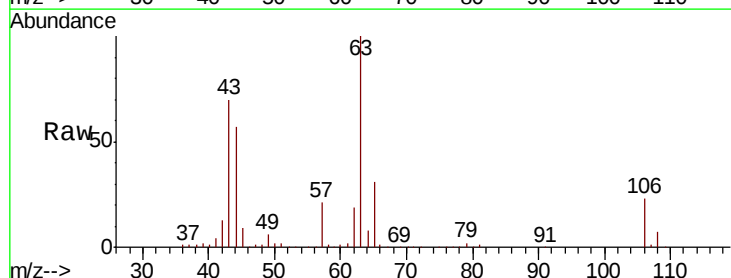
Acq: 05 Nov 2018 08:20

Tgt Ion: 63 Resp: 564150

Ion Ratio Lower Upper

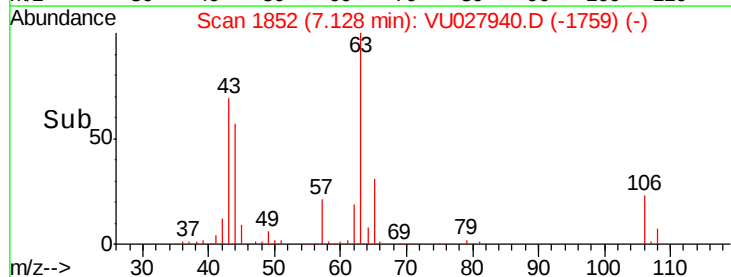
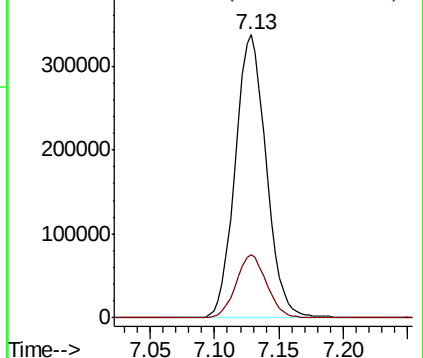
63 100

106 22.1 17.8 26.6



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

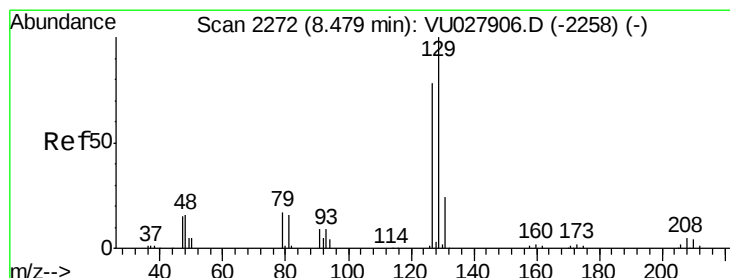
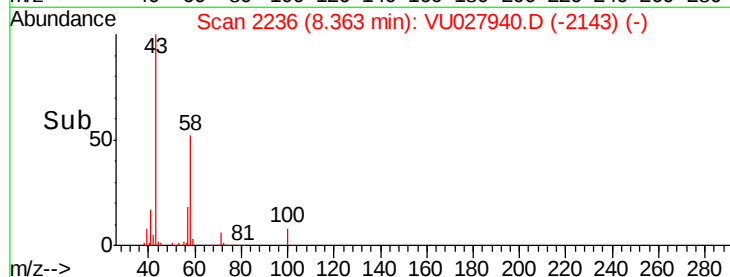
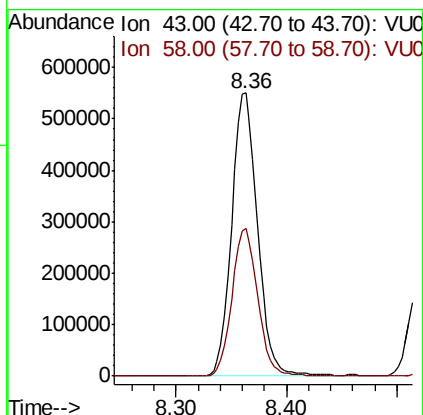
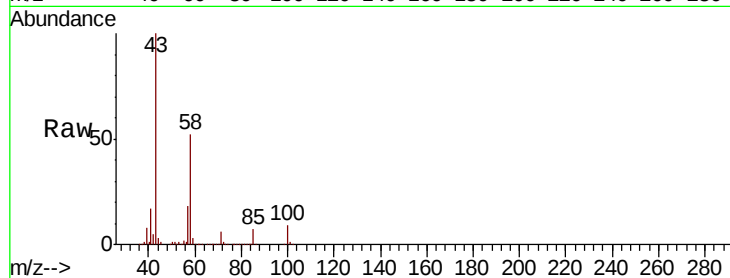




#59
2-Hexanone
Concen: 238.528 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

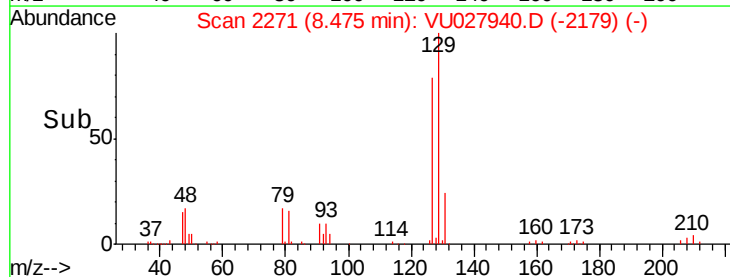
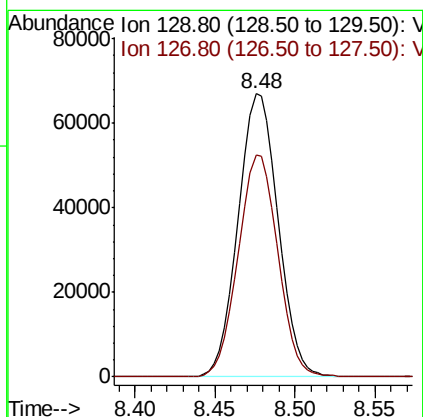
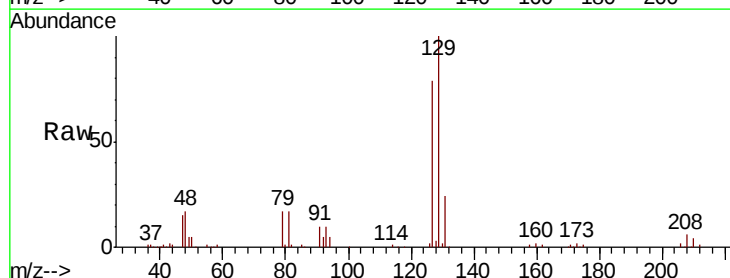
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

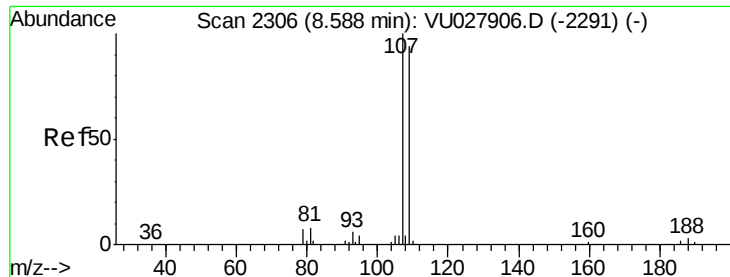
Tot Ion: 43 Resp: 895862
Ion Ratio Lower Upper
43 100
58 52.0 25.8 77.3



#60
Dibromochloromethane
Concen: 52.063 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion: 129 Resp: 114116
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6

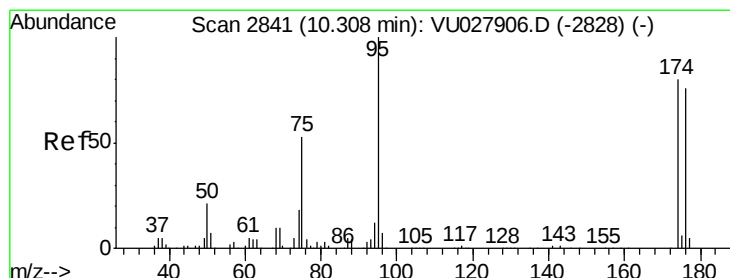
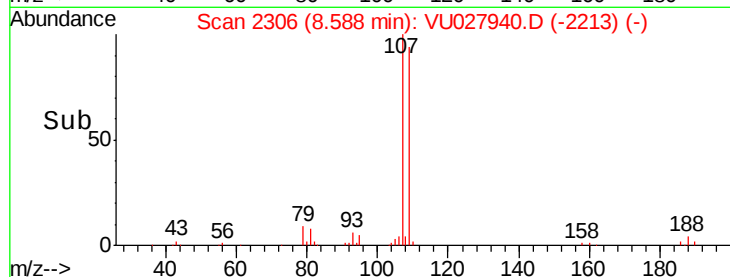
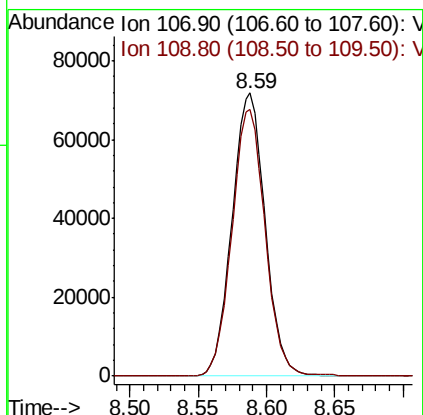
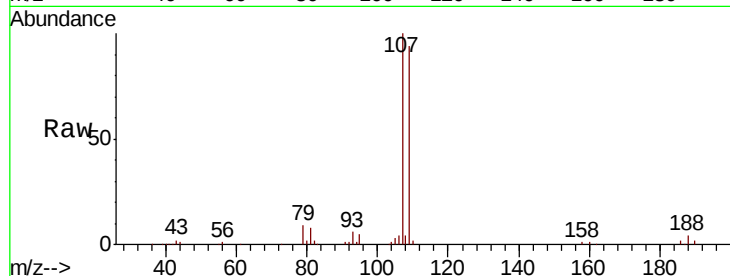




#61
 1,2-Dibromoethane
 Concen: 49.131 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

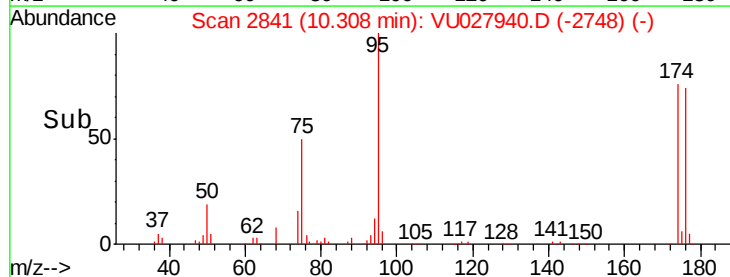
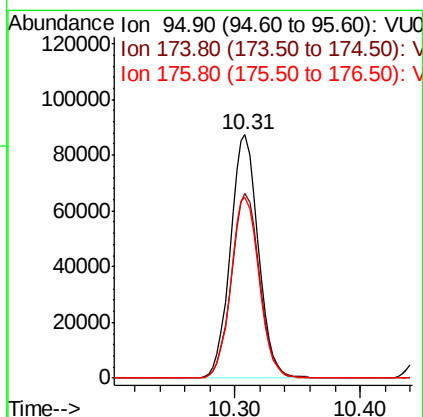
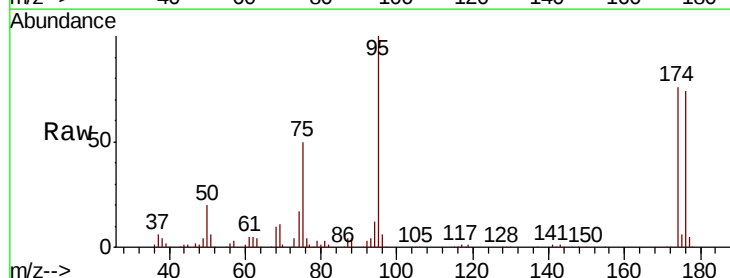
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

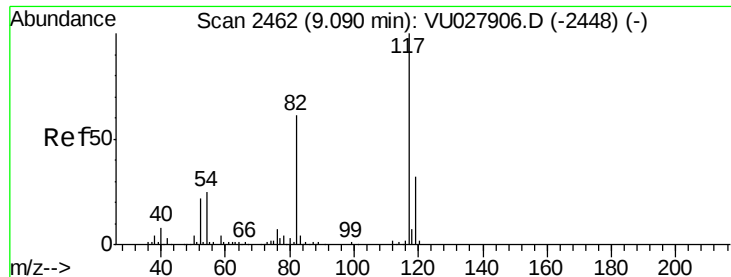
Tot Ion: 107 Resp: 120923
 Ion Ratio Lower Upper
 107 100
 109 94.4 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 49.396 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion: 95 Resp: 134208
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 156.4
 176 75.2 0.0 150.8

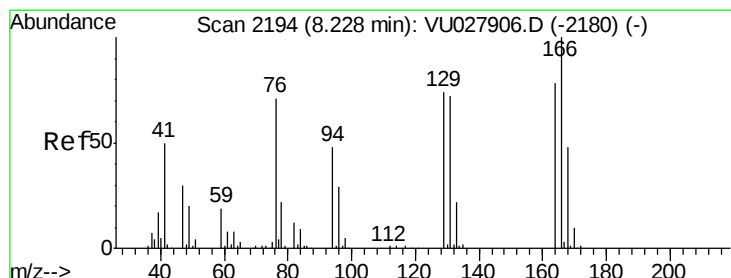
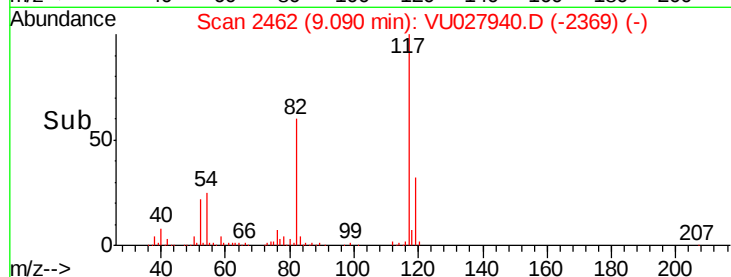
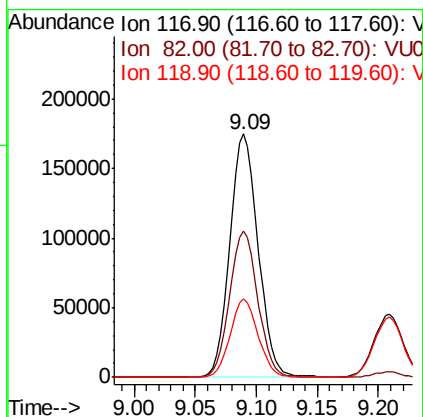
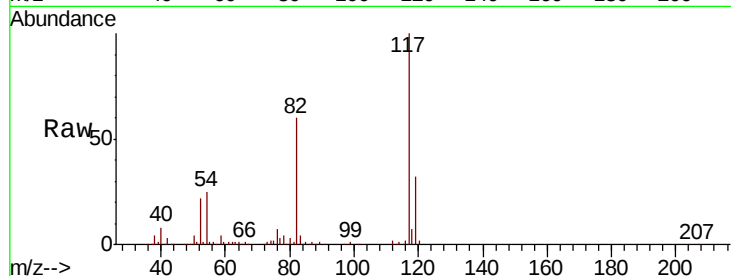




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

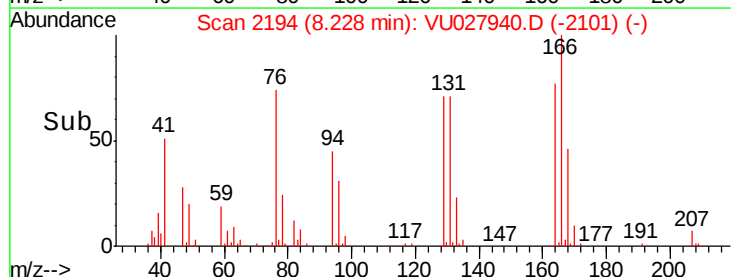
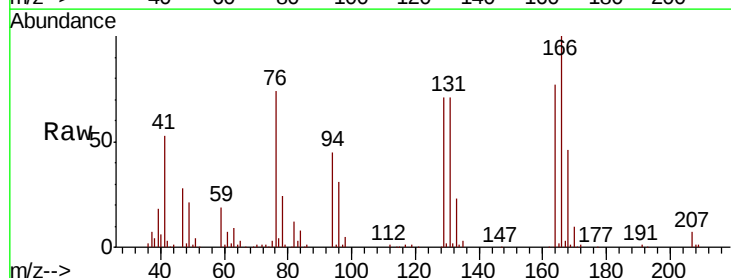
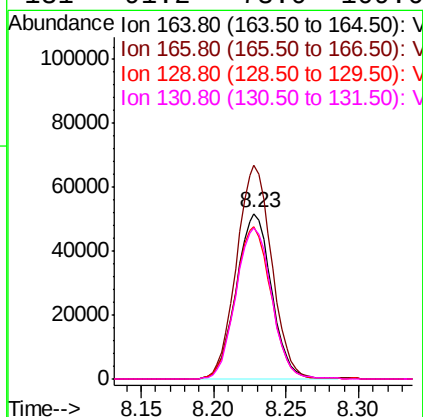
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

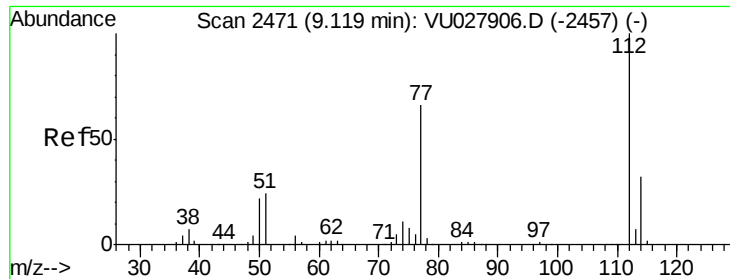
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	48.6	73.0
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 47.715 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	102.1	153.1
129	91.8	75.9	113.9
131	91.2	73.0	109.6

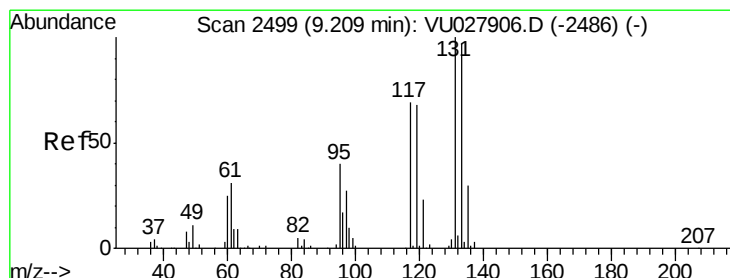
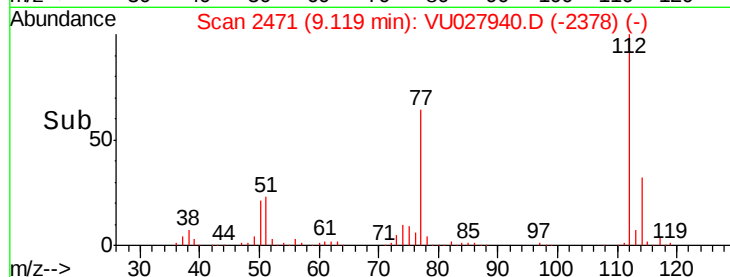
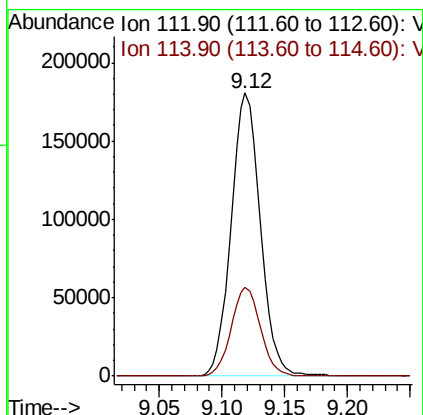
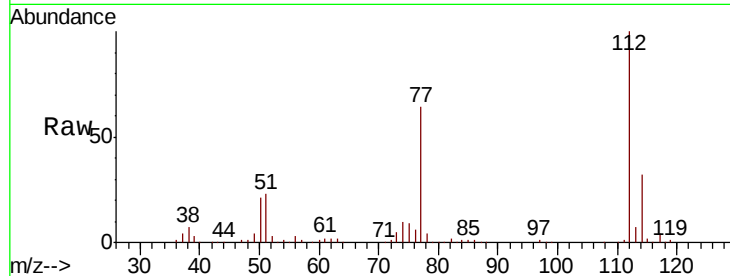




#65
Chlorobenzene
Concen: 48.773 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

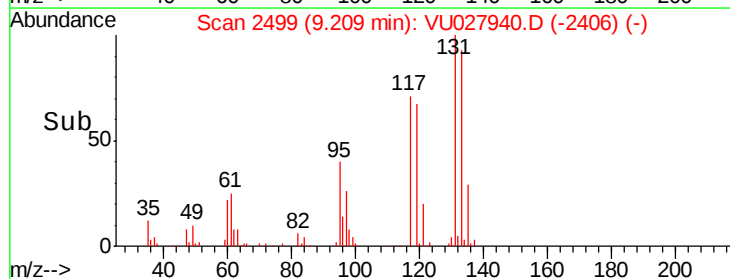
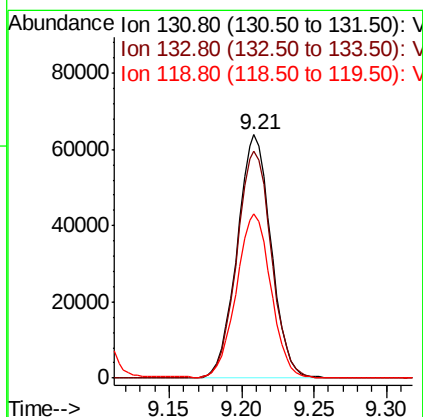
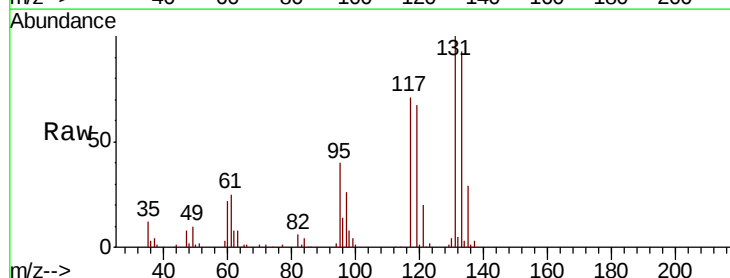
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

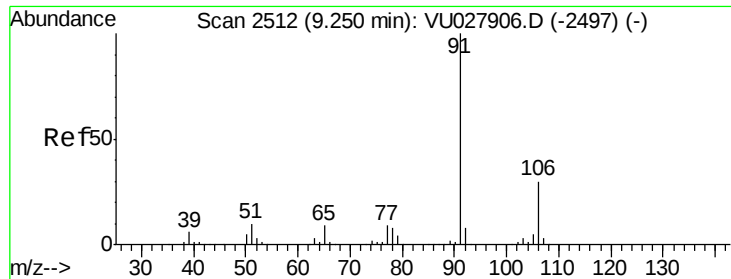
Tot Ion:112 Resp: 291715
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.867 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion:131 Resp: 103917
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.4
119 68.1 34.0 101.8

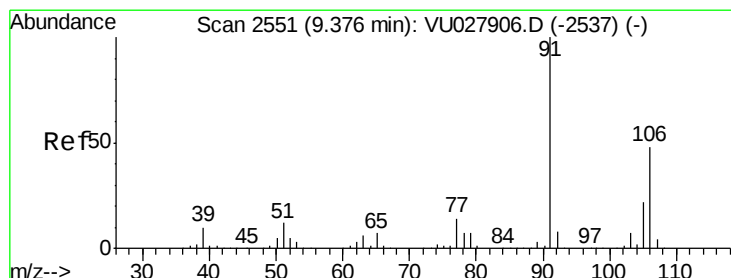
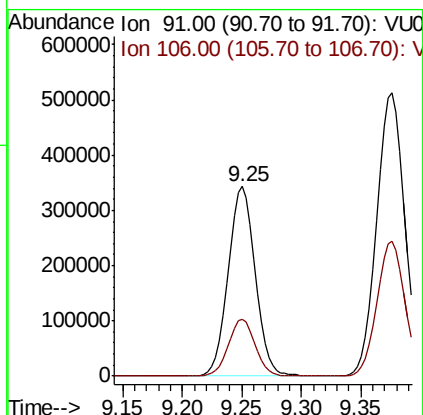
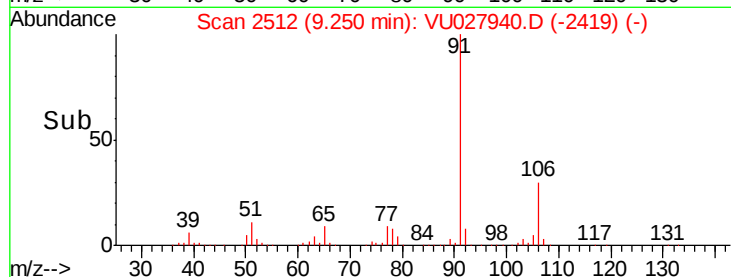
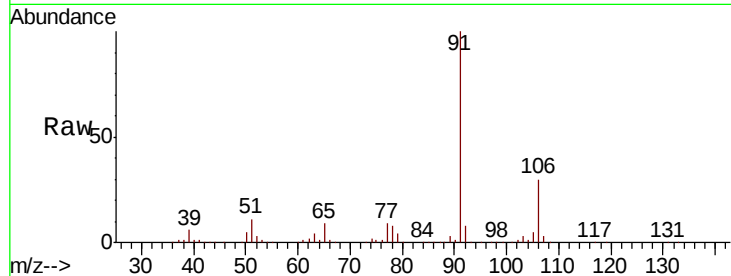




#67
Ethyl Benzene
Concen: 49.181 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

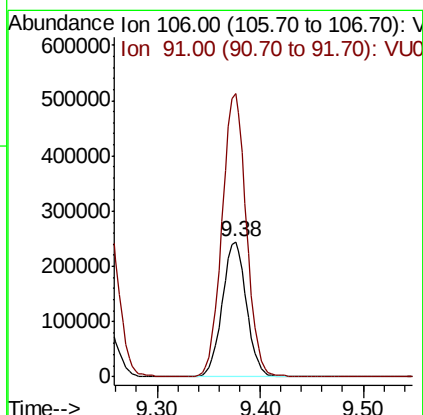
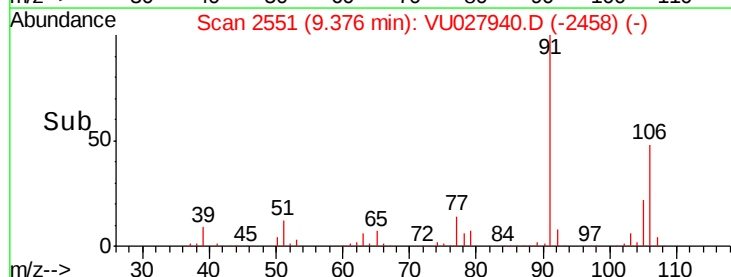
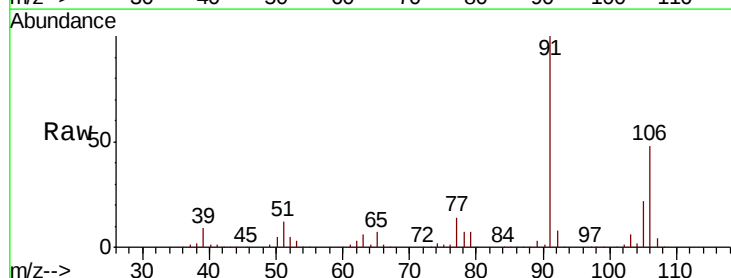
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

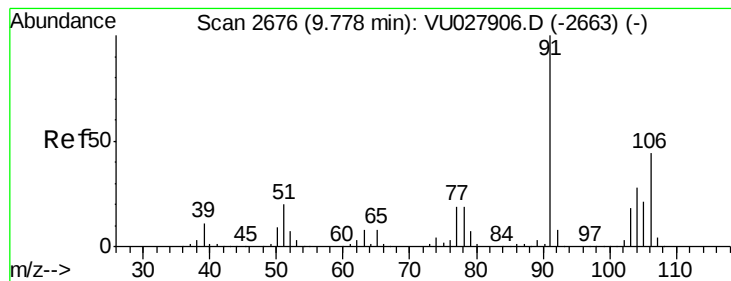
Tot Ion: 91 Resp: 541449
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4



#68
m/p-Xylenes
Concen: 99.793 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion: 106 Resp: 398634
Ion Ratio Lower Upper
106 100
91 211.0 168.2 252.4





#69

o-Xylene

Concen: 48.776 ug/l

RT: 9.78 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

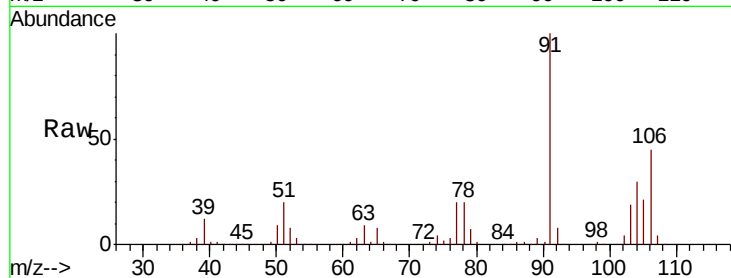
VSTDCCC050

Tot Ion:106 Resp: 196748

Ion Ratio Lower Upper

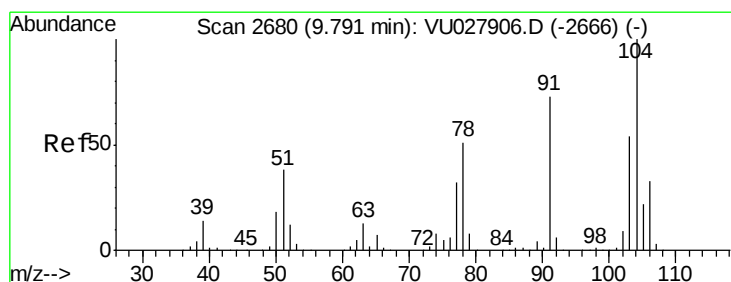
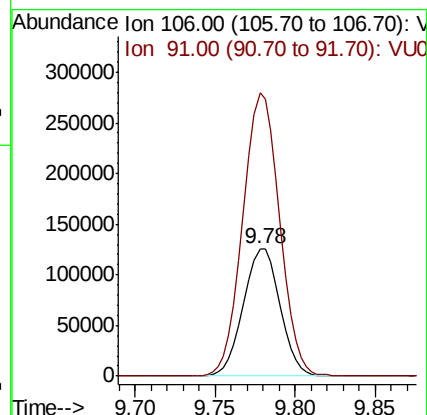
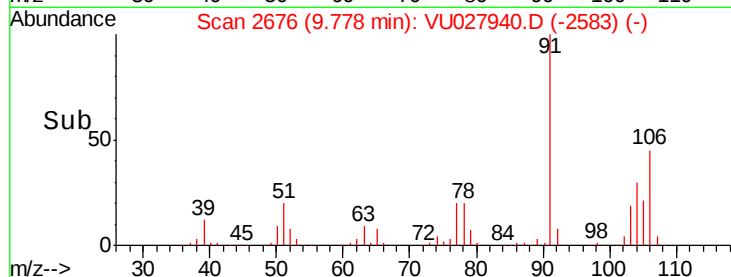
106 100

91 222.1 111.1 333.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#70

Styrene

Concen: 50.444 ug/l

RT: 9.79 min Scan# 2680

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

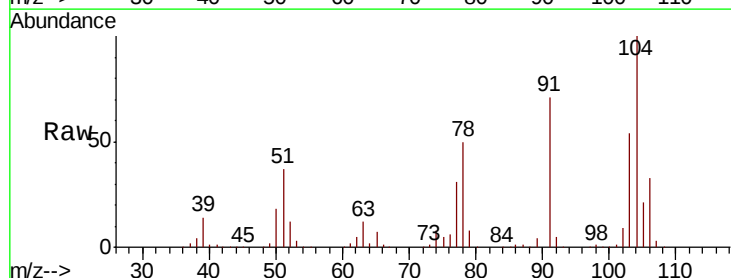
Tgt Ion:104 Resp: 325118

Ion Ratio Lower Upper

104 100

78 53.3 43.0 64.4

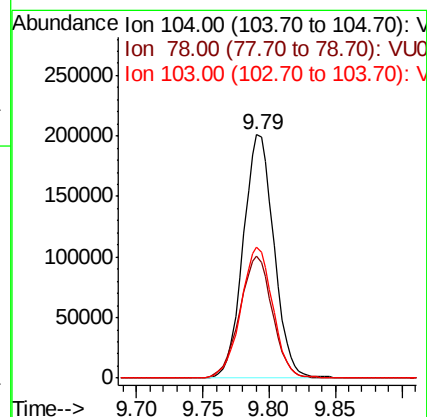
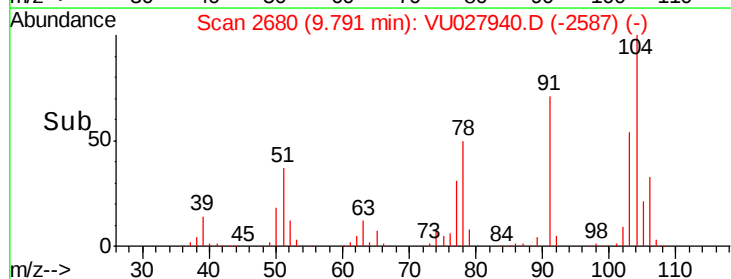
103 55.8 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.785 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

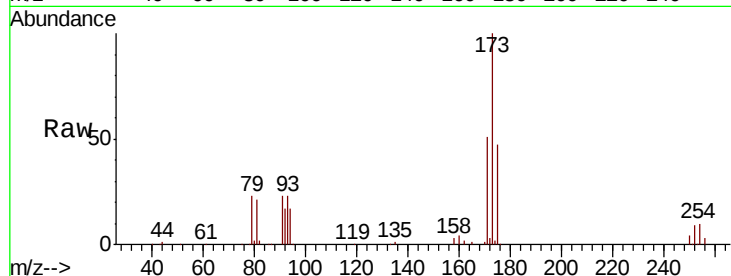
Tot Ion:173 Resp: 90374

Ion Ratio Lower Upper

173 100

175 47.7 24.3 72.8

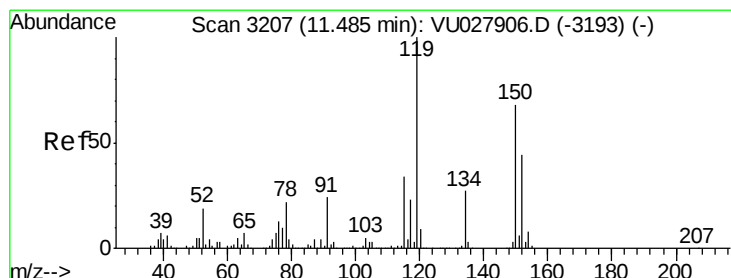
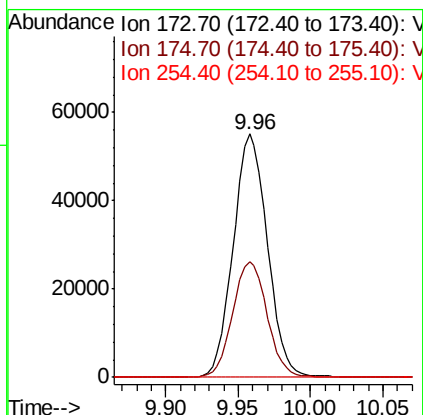
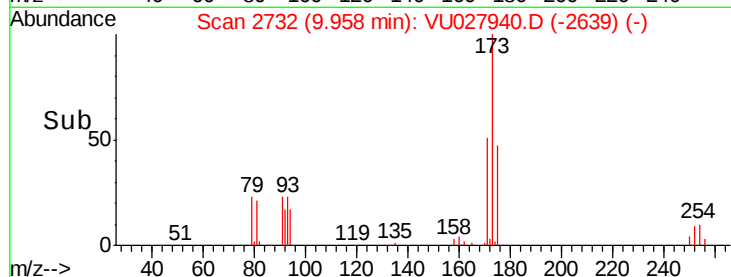
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

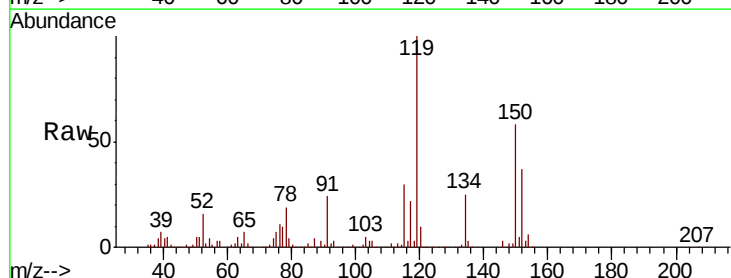
Tgt Ion:152 Resp: 139942

Ion Ratio Lower Upper

152 100

115 85.6 43.0 129.0

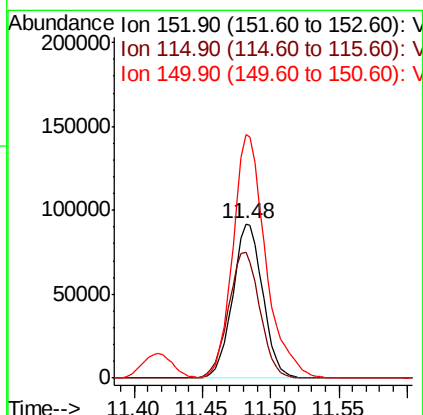
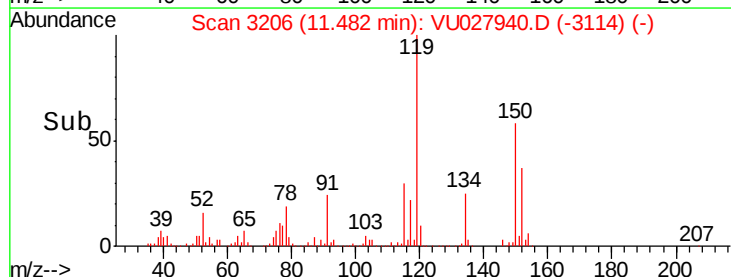
150 172.0 0.0 349.4

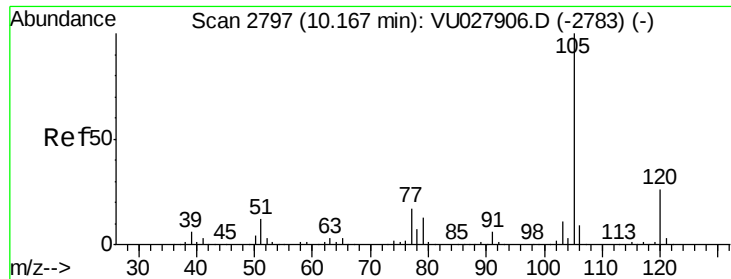


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.617 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

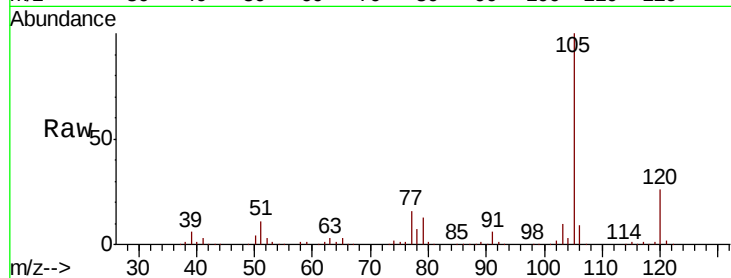
VSTDCCC050

Tot Ion:105 Resp: 527068

Ion Ratio Lower Upper

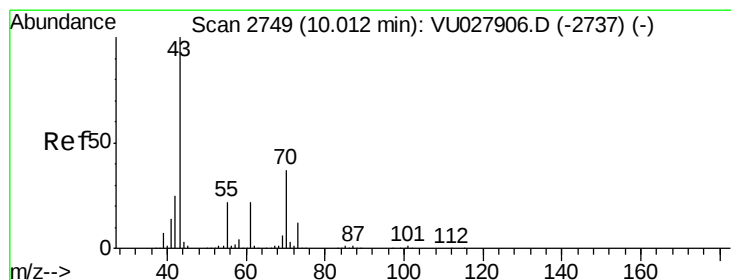
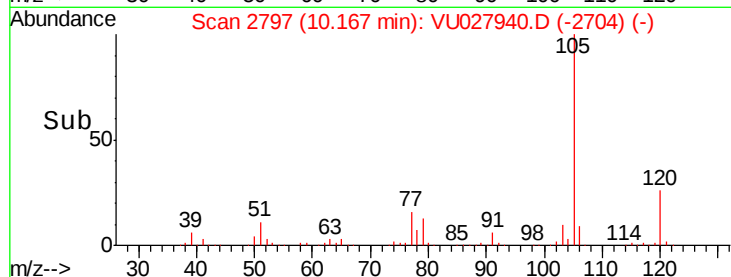
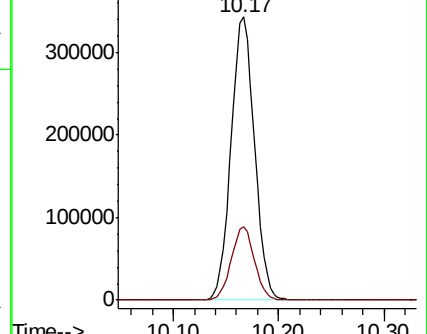
105 100

120 25.5 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.135 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Tgt Ion: 43 Resp: 322102

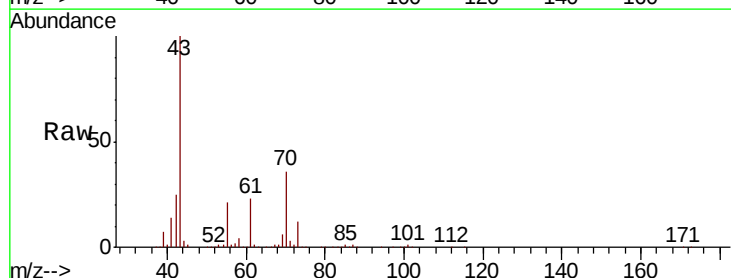
Ion Ratio Lower Upper

43 100

70 36.5 29.2 43.8

55 22.3 17.8 26.6

61 22.7 17.8 26.8

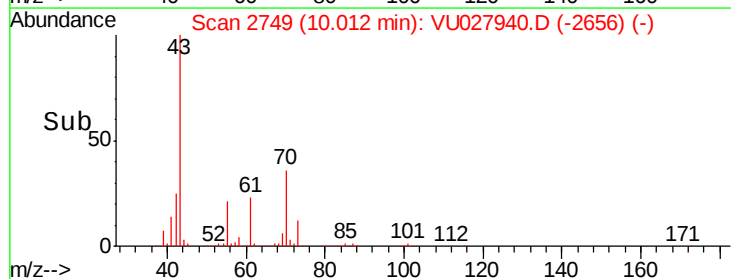
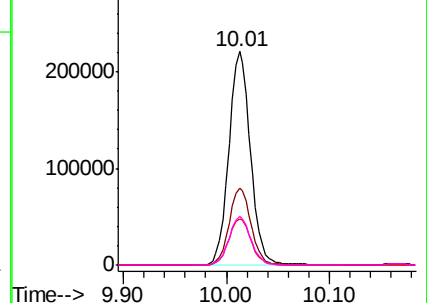


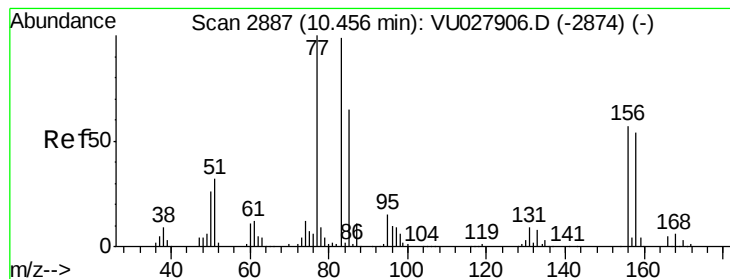
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.663 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

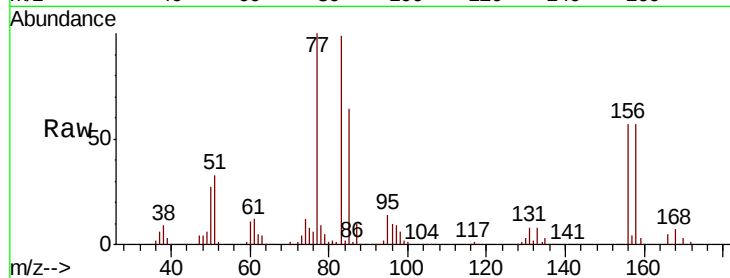
Tot Ion: 83 Resp: 204056

Ion Ratio Lower Upper

83 100

131 8.2 4.3 13.1

85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU027940.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU027940.D (-2794) (-)

Ion 84.90 (84.60 to 85.60): VU027940.D (-2794) (-)

10.46

150000

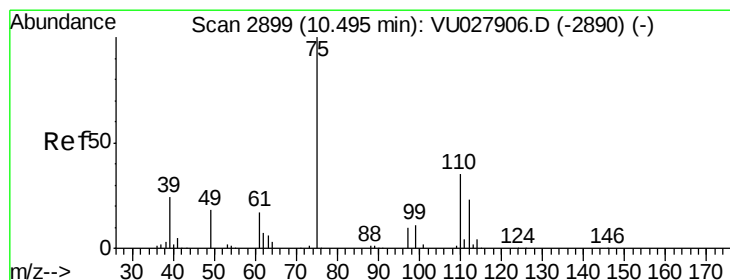
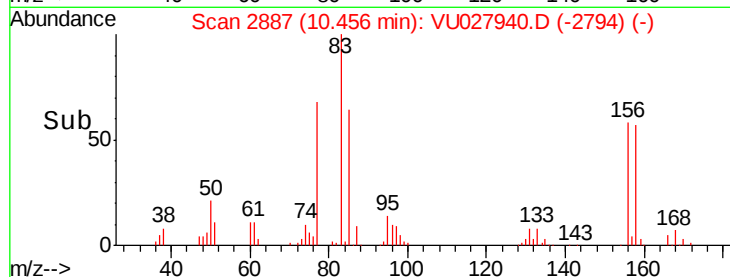
100000

50000

0

Time-->

10.40 10.50



#76

1,2,3-Trichloropropane

Concen: 64.526 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027940.D

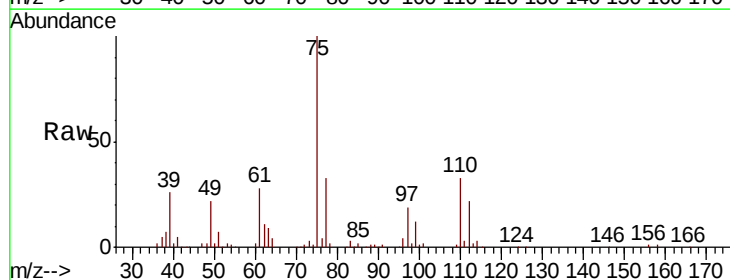
Acq: 05 Nov 2018 08:20

Tgt Ion: 75 Resp: 246993

Ion Ratio Lower Upper

75 100

77 31.0 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027940.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027940.D (-2806) (-)

150000

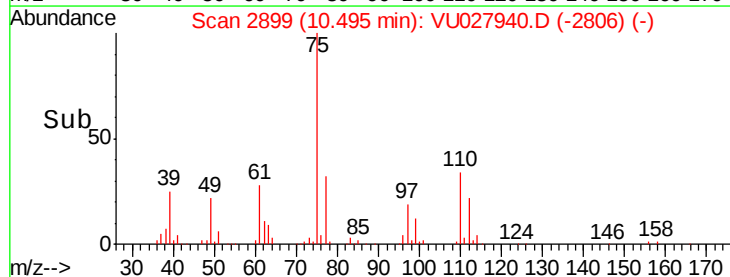
100000

50000

0

Time-->

10.45 10.50 10.55





#77

Bromobenzene

Concen: 49.641 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

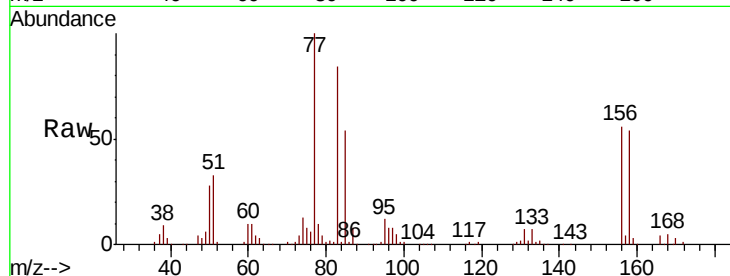
Tot Ion:156 Resp: 123403

Ion Ratio Lower Upper

156 100

77 182.2 91.8 275.6

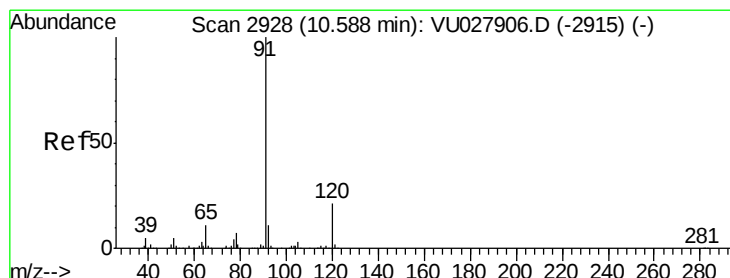
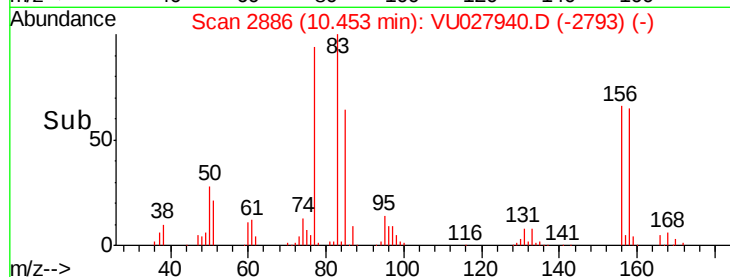
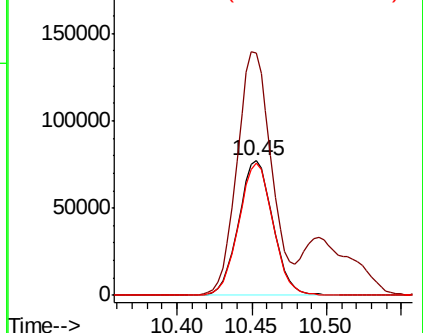
158 97.8 48.4 145.2



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: 50.148 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027940.D

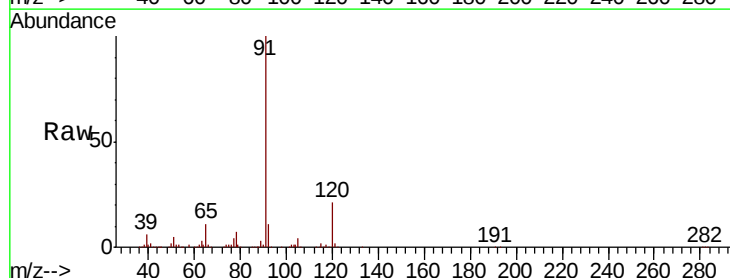
Acq: 05 Nov 2018 08:20

Tgt Ion: 91 Resp: 650757

Ion Ratio Lower Upper

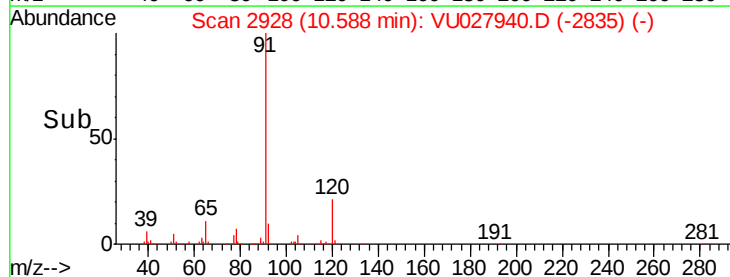
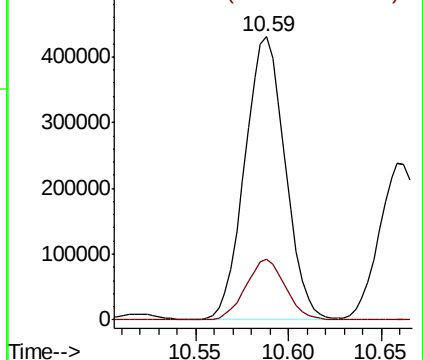
91 100

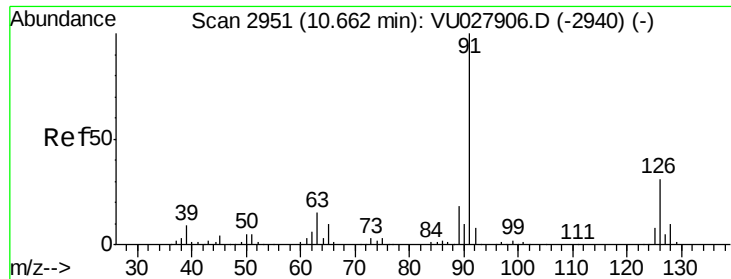
120 21.1 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

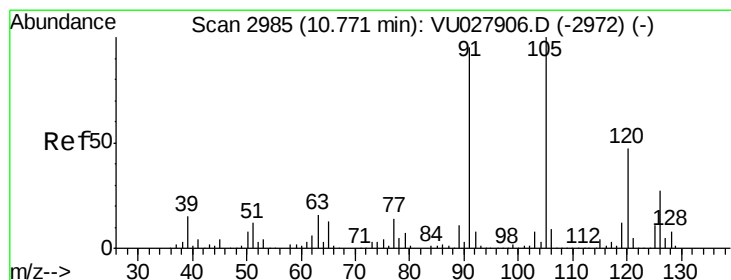
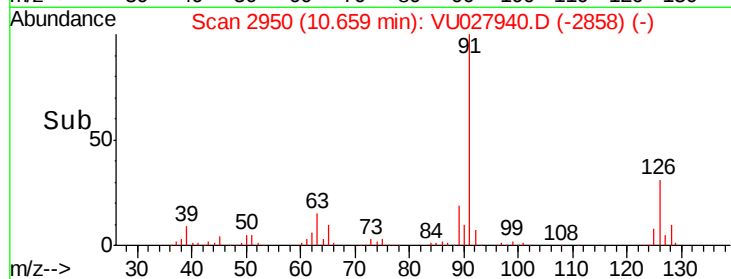
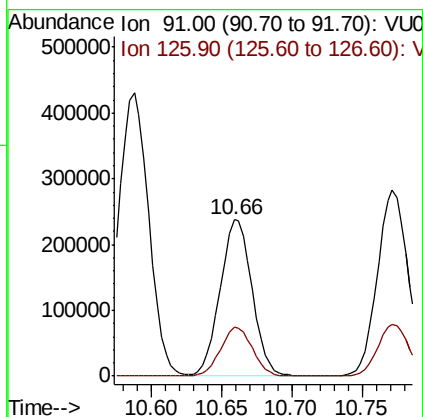
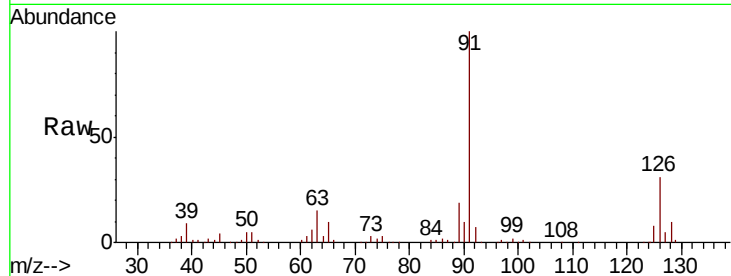




#79
 2-Chlorotoluene
 Concen: 48.466 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

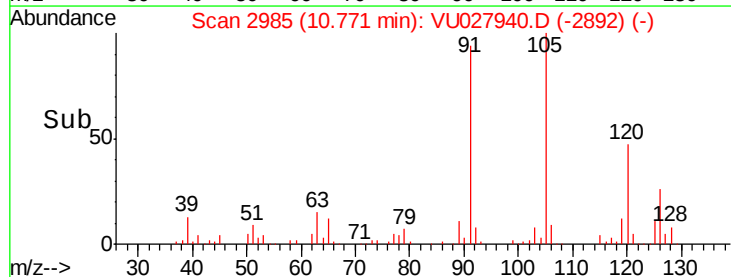
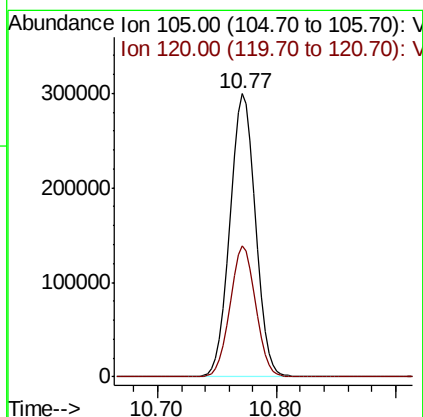
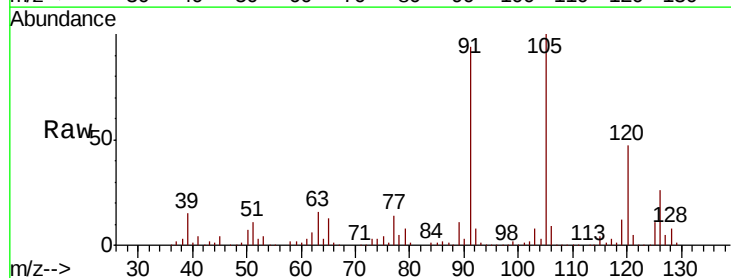
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

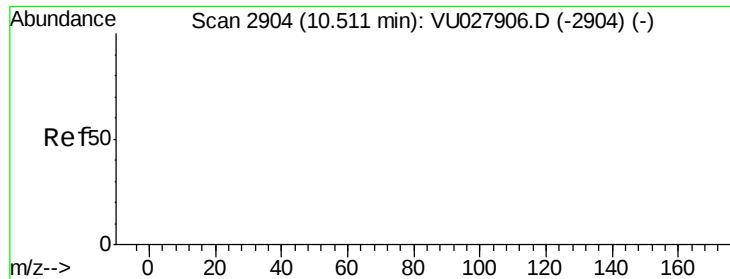
Tot Ion: 91 Resp: 376983
 Ion Ratio Lower Upper
 91 100
 126 31.2 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.612 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion: 105 Resp: 445547
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 160.523 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

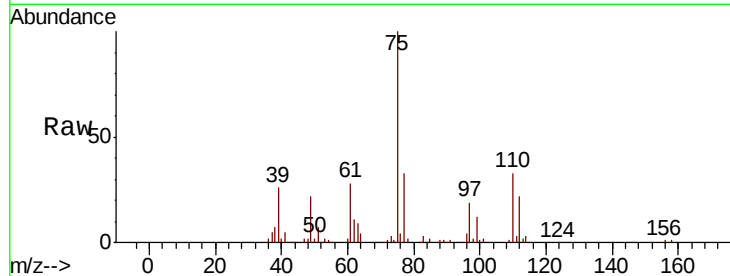
Tot Ion: 75 Resp: 246993

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

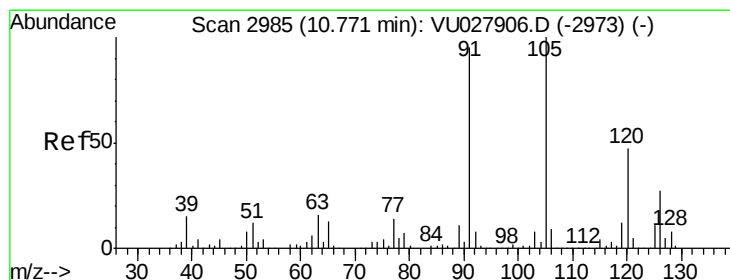
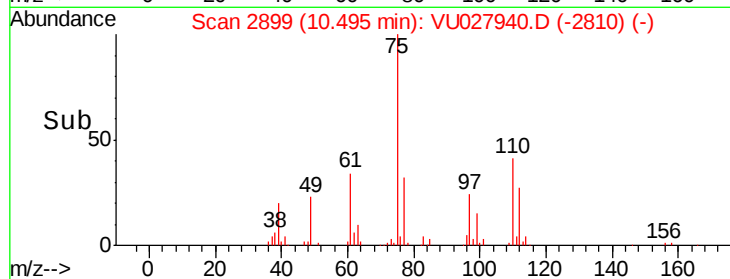
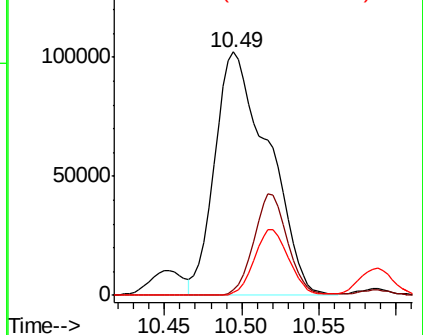
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 49.016 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027940.D

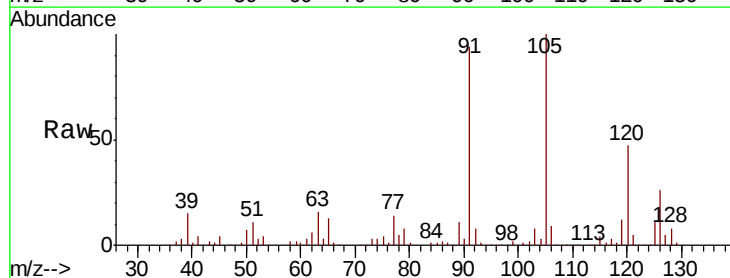
Acq: 05 Nov 2018 08:20

Tgt Ion: 91 Resp: 432835

Ion Ratio Lower Upper

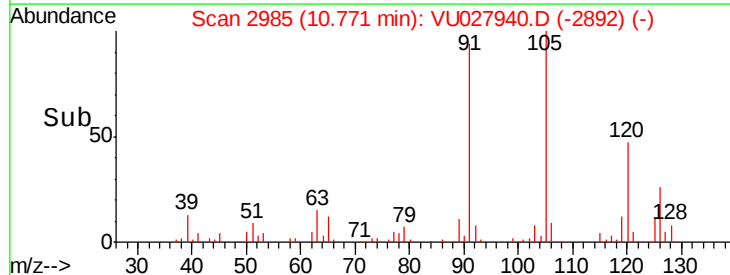
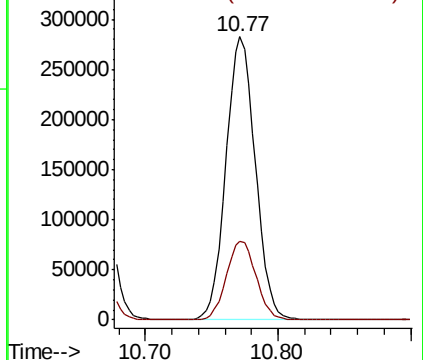
91 100

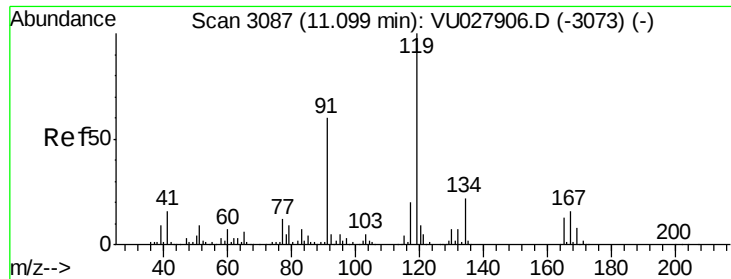
126 28.3 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

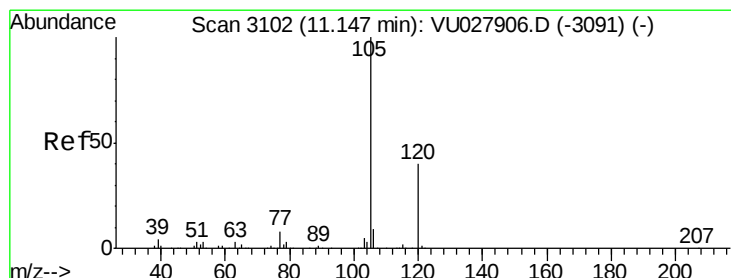
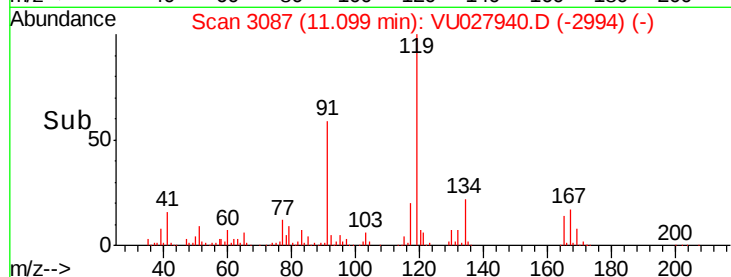
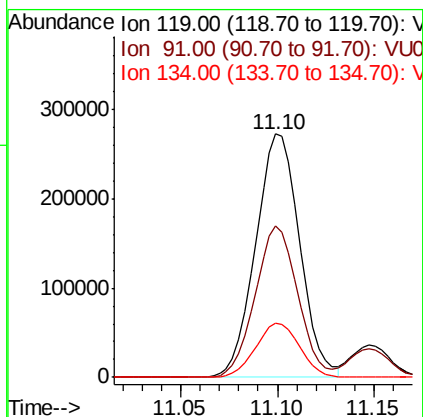
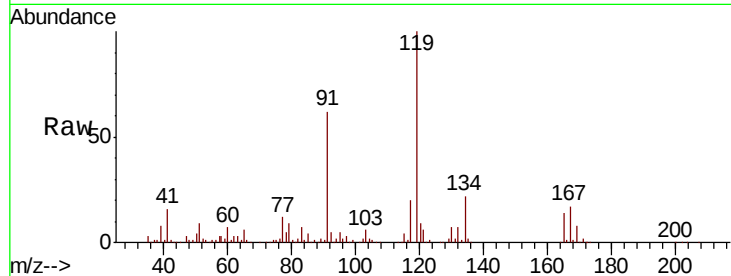




#83
tert-Butylbenzene
Concen: 48.096 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

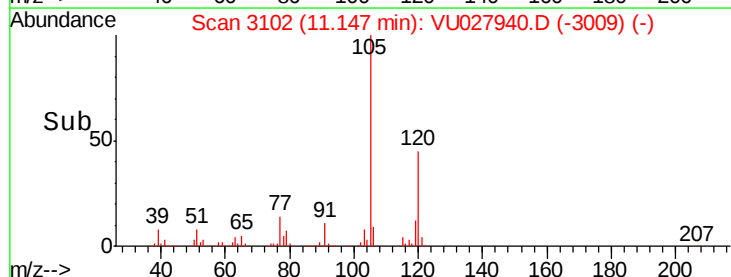
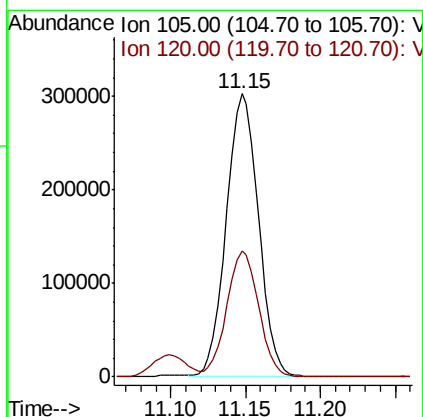
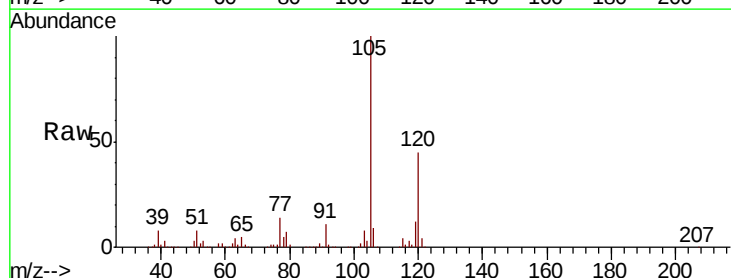
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

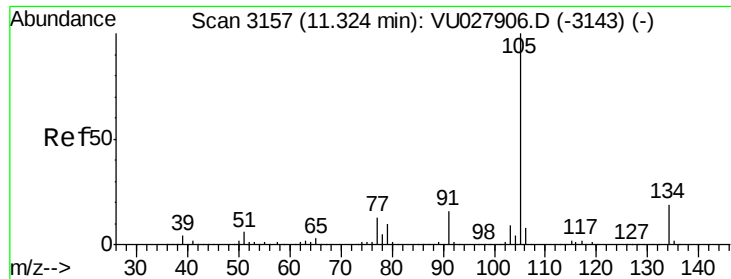
Tot Ion:119 Resp: 431808
Ion Ratio Lower Upper
119 100
91 60.1 29.8 89.3
134 22.1 11.1 33.1



#84
1,2,4-Trimethylbenzene
Concen: 50.250 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion:105 Resp: 454423
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1

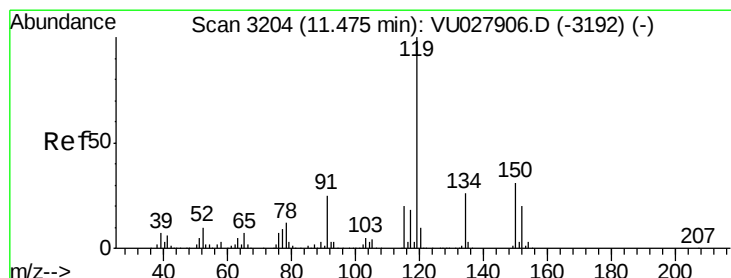
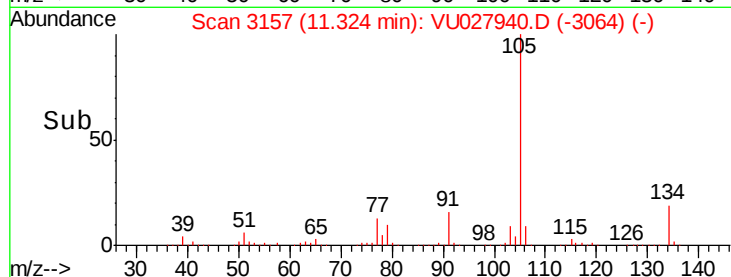
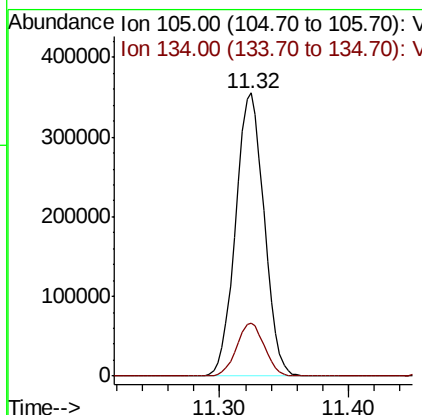
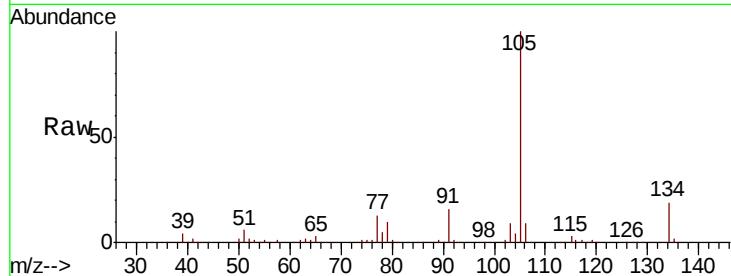




#85
 sec-Butylbenzene
 Concen: 50.012 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

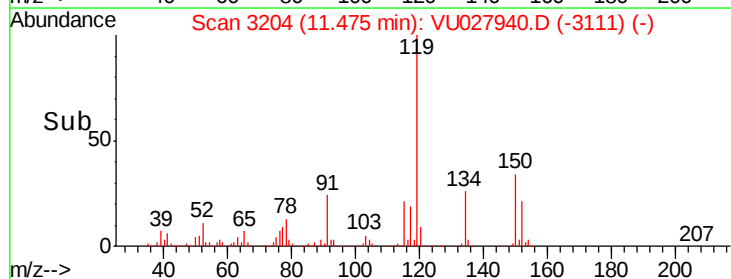
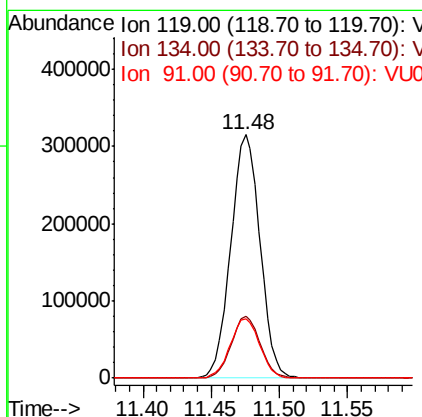
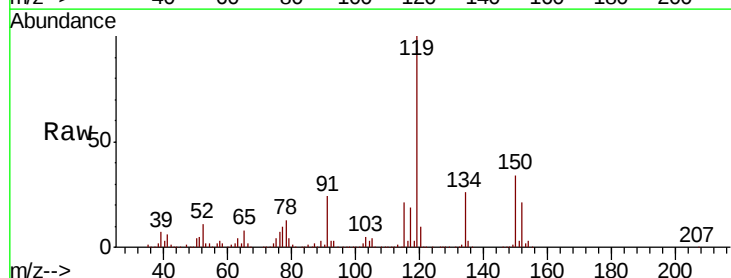
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 546076
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 51.198 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion:119 Resp: 467326
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.463 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

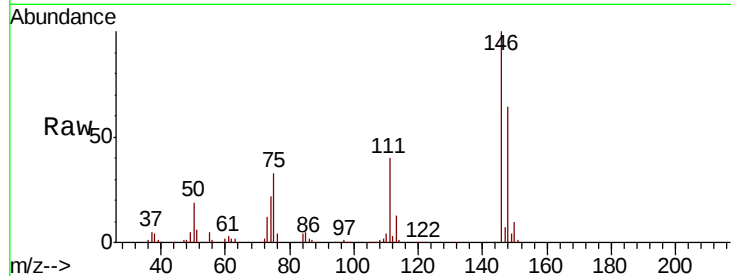
Tot Ion:146 Resp: 227140

Ion Ratio Lower Upper

146 100

111 40.5 20.3 61.0

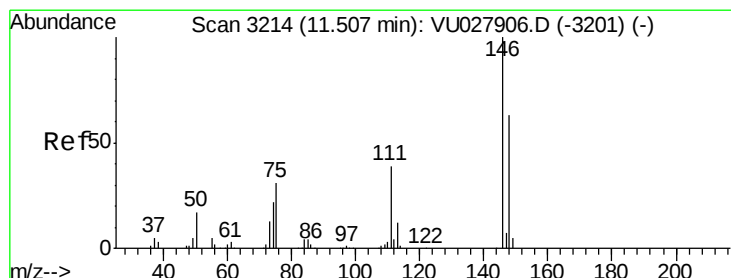
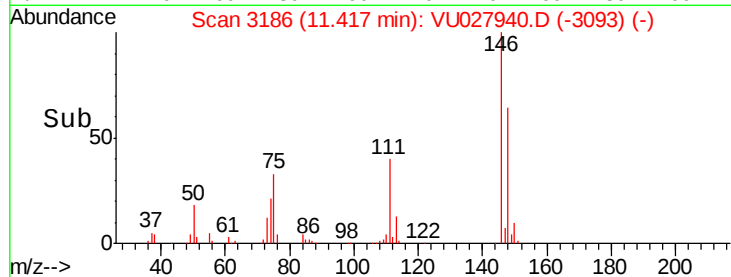
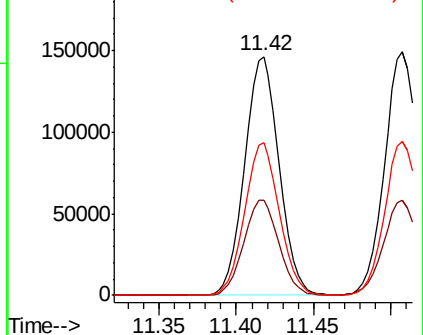
148 64.4 31.8 95.4



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: 49.073 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

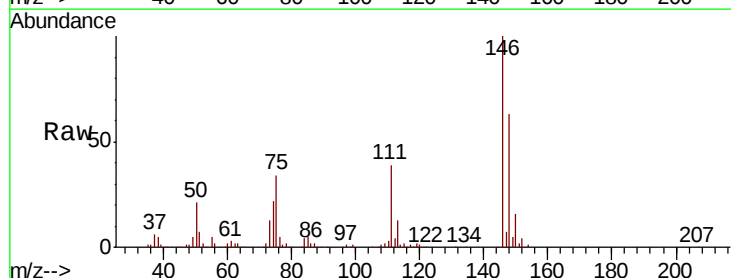
Tgt Ion:146 Resp: 230975

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

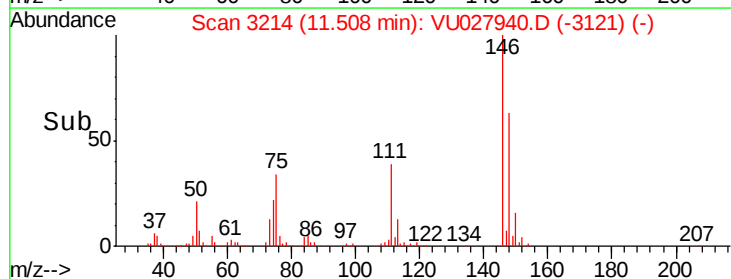
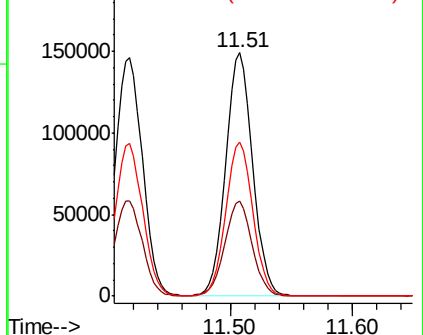
148 64.0 32.0 96.2

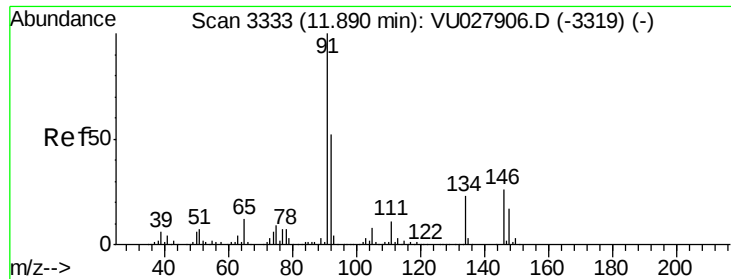


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

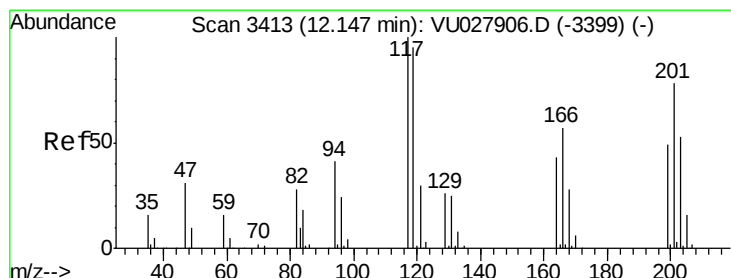
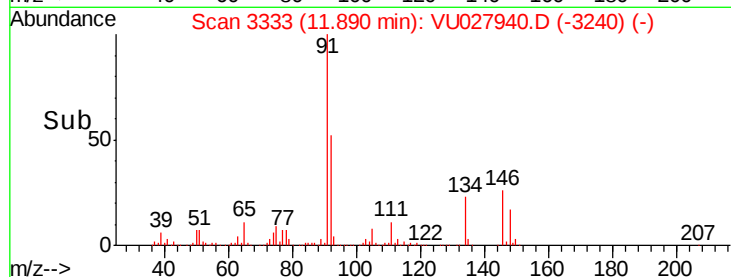
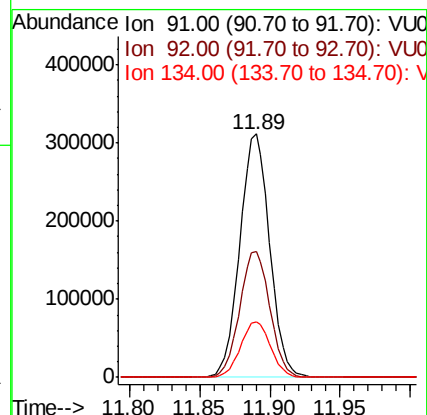
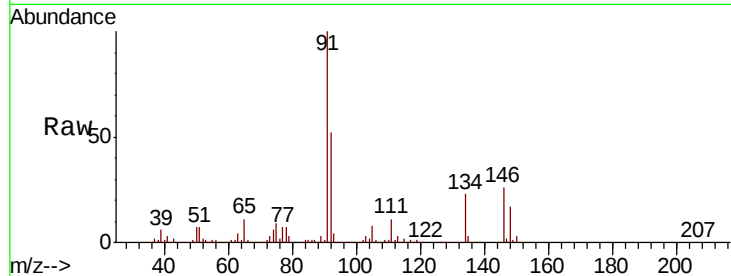




#89
n-Butylbenzene
Concen: 53.278 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

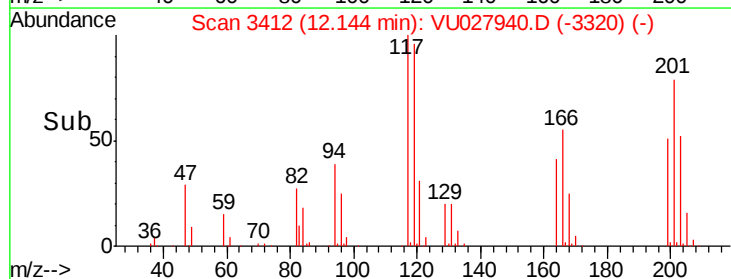
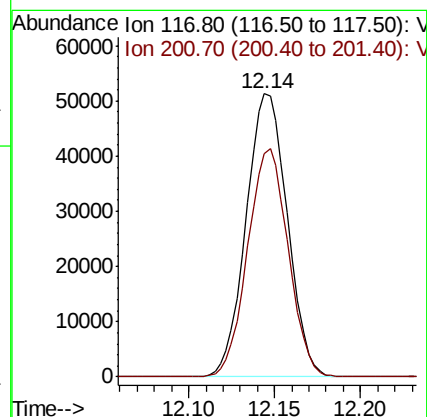
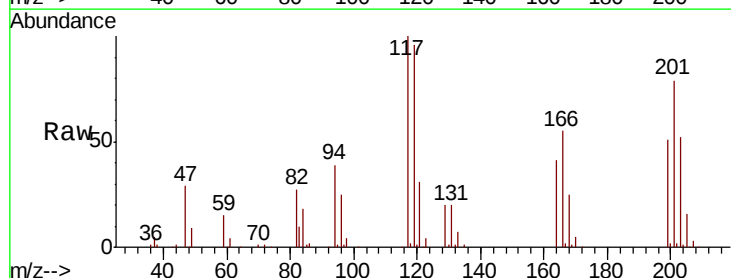
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

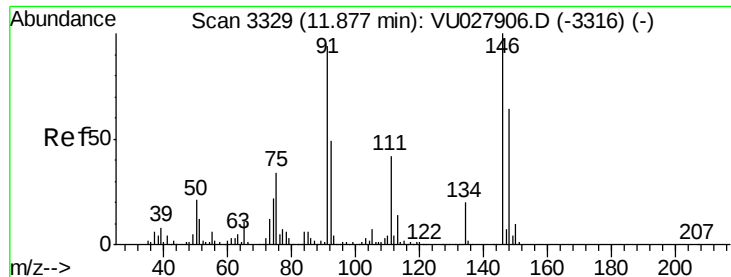
Tot Ion: 91 Resp: 462180
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 23.0 11.5 34.5



#90
Hexachloroethane
Concen: 52.554 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027940.D
Acq: 05 Nov 2018 08:20

Tgt Ion: 117 Resp: 85406
Ion Ratio Lower Upper
117 100
201 79.1 38.5 115.5

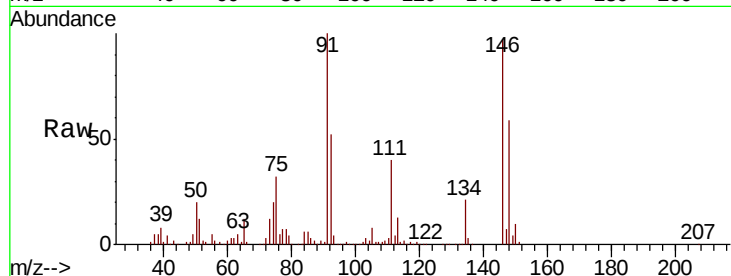




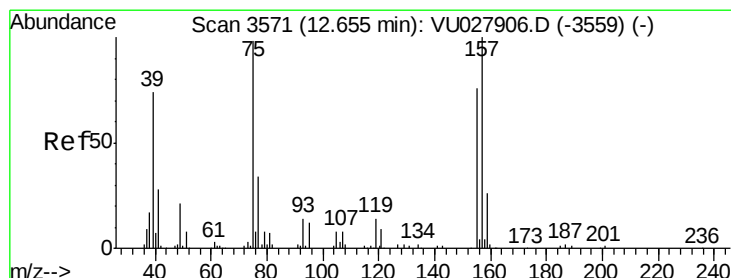
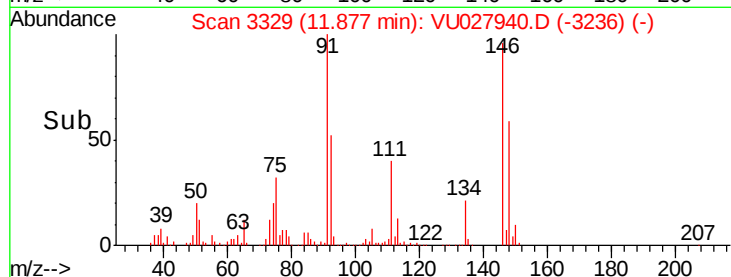
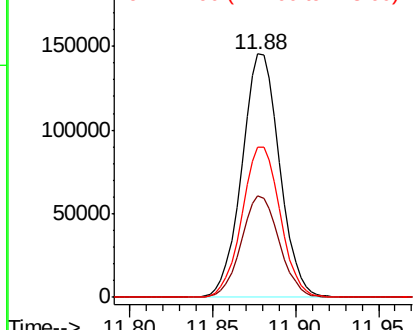
#91
 1,2-Dichlorobenzene
 Concen: 49.866 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 230284
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 64.0
 148 62.7 31.8 95.3

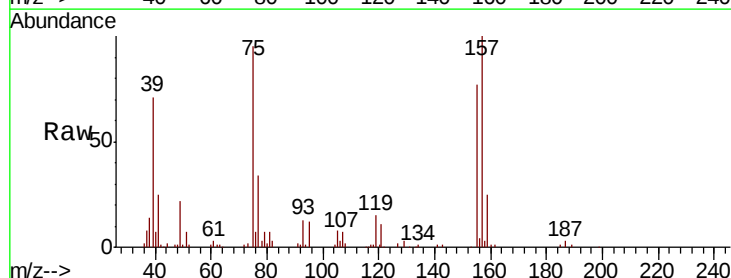


Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

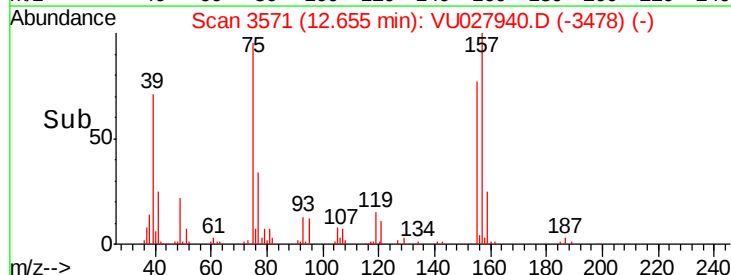
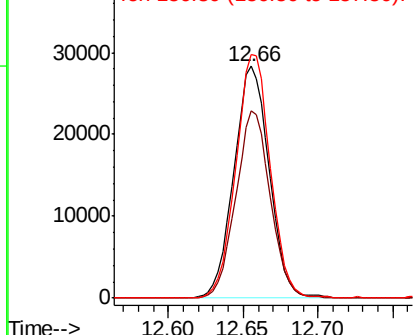


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.555 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion: 75 Resp: 46584
 Ion Ratio Lower Upper
 75 100
 155 78.8 39.8 119.3
 157 102.6 50.6 151.9



Abundance Ion 74.90 (74.60 to 75.60): VU0
 40000 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

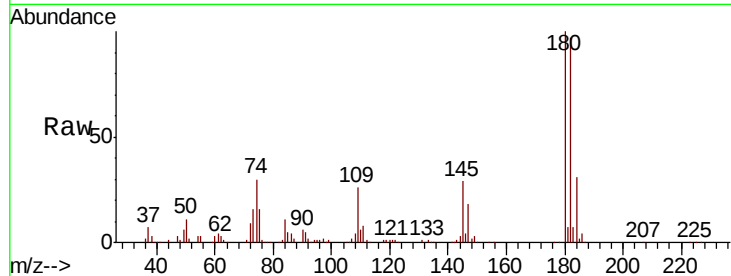




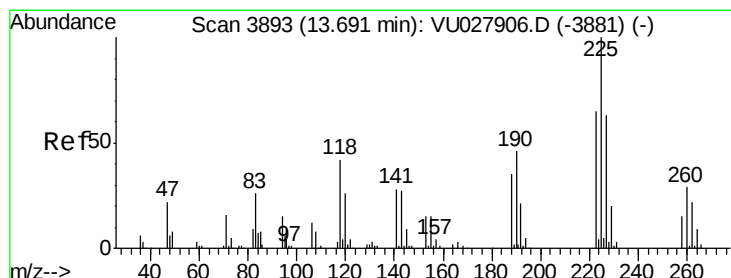
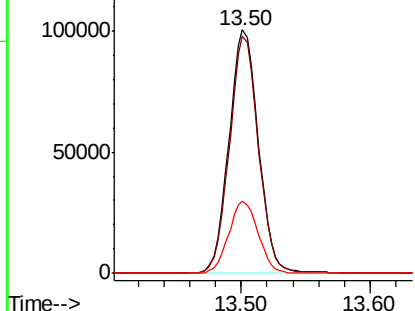
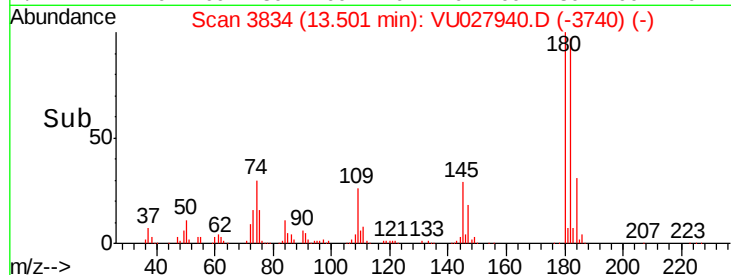
#93
 1,2,4-Trichlorobenzene
 Concen: 49.050 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 158816
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.4 145.2
 145 29.6 14.9 44.5

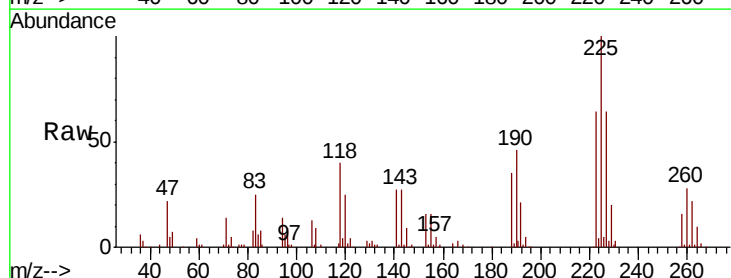


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

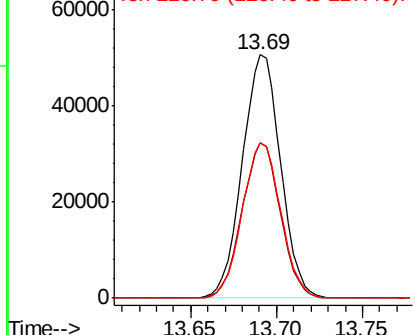
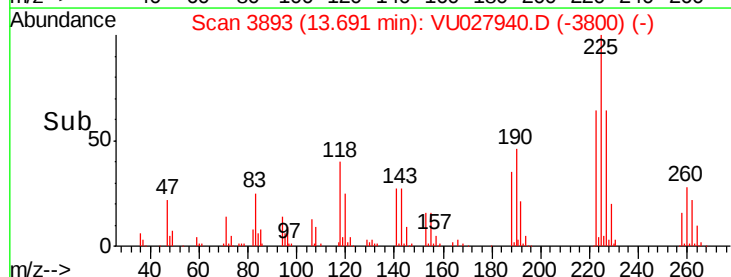


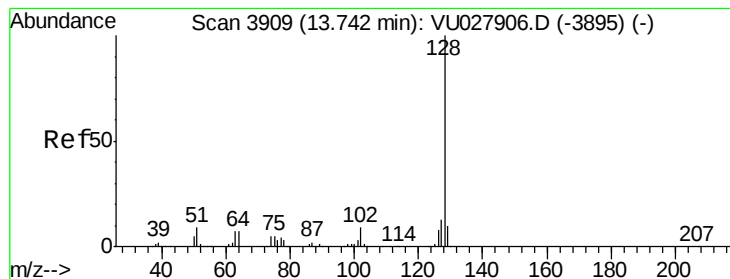
#94
 Hexachlorobutadiene
 Concen: 53.415 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU027940.D
 Acq: 05 Nov 2018 08:20

Tgt Ion:225 Resp: 78398
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.2 96.6
 227 64.2 32.5 97.4



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: 47.137 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

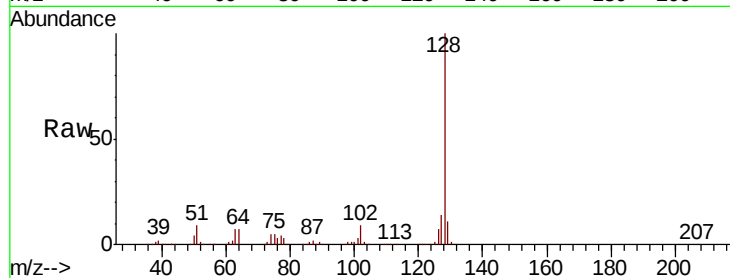
Tot Ion:128 Resp: 541204

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

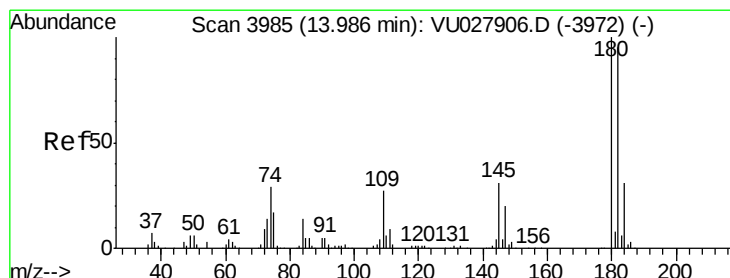
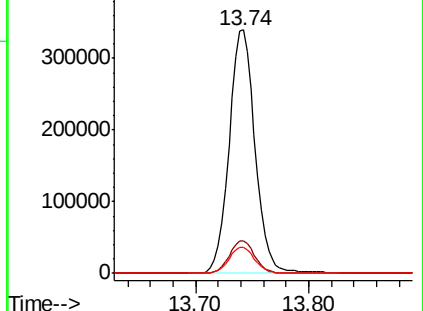
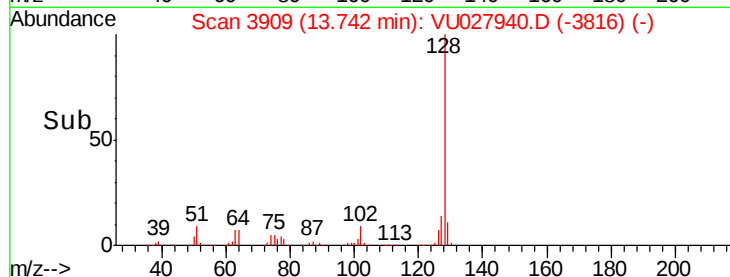
129 10.5 8.3 12.5



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: 52.910 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027940.D

Acq: 05 Nov 2018 08:20

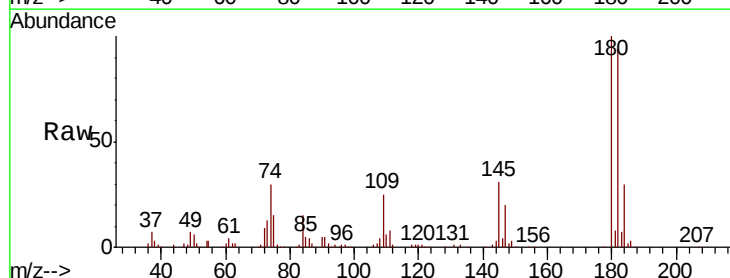
Tgt Ion:180 Resp: 163959

Ion Ratio Lower Upper

180 100

182 93.5 47.4 142.3

145 31.1 16.0 47.9



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

