

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012886.D
 Acq On : 08 Oct 2019 12:37
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 09 01:21:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137542	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	237800	89.71	ug/l	0.00
Spiked Amount			Recovery	=	179.42%	
35) Dibromofluoromethane	5.49	113	189328	101.81	ug/l	0.00
Spiked Amount			Recovery	=	203.62%	
50) Toluene-d8	8.71	98	735392	102.40	ug/l	0.00
Spiked Amount			Recovery	=	204.80%	
62) 4-Bromofluorobenzene	11.14	95	294537	104.35	ug/l	0.00
Spiked Amount			Recovery	=	208.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	198960	94.957	ug/l	99
3) Chloromethane	1.31	50	206208	87.155	ug/l	98
4) Vinyl Chloride	1.40	62	220385	93.362	ug/l	100
5) Bromomethane	1.62	94	84949	90.804	ug/l	99
6) Chloroethane	1.70	64	129699	82.156	ug/l	99
7) Trichlorofluoromethane	1.91	101	300282	90.779	ug/l	98
8) Diethyl Ether	2.18	74	117498	87.048	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	191191	94.374	ug/l	99
10) Methyl Iodide	2.50	142	228835	118.877	ug/l	99
11) Tert butyl alcohol	3.05	59	309251	467.120	ug/l	99
12) 1,1-Dichloroethene	2.36	96	193351	97.509	ug/l	97
13) Acrolein	2.28	56	224067	613.803	ug/l	98
14) Allyl chloride	2.72	41	355523	91.383	ug/l	98
15) Acrylonitrile	3.14	53	615713	457.143	ug/l	99
16) Acetone	2.44	43	602011	428.709	ug/l	99
17) Carbon Disulfide	2.55	76	544739	97.818	ug/l	100
18) Methyl Acetate	2.76	43	292466	88.139	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	683998	91.891	ug/l	99
20) Methylene Chloride	2.84	84	219861	91.385	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	206710	94.236	ug/l	97
22) Diisopropyl ether	3.84	45	662694	88.105	ug/l	95
23) Vinyl Acetate	3.80	43	2963241	450.725	ug/l	100
24) 1,1-Dichloroethane	3.69	63	373395	91.127	ug/l	99
25) 2-Butanone	4.66	43	882968	439.451	ug/l	98
26) 2,2-Dichloropropane	4.57	77	320439	88.373	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	237903	93.506	ug/l	99
28) Bromochloromethane	5.00	49	105781	72.777	ug/l	98
29) Tetrahydrofuran	5.12	42	550128	448.489	ug/l	100
30) Chloroform	5.20	83	374679	89.160	ug/l	100
31) Cyclohexane	5.57	56	342369	92.067	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	336621	90.862	ug/l	99
36) 1,1-Dichloropropene	5.79	75	286503	95.254	ug/l	99
37) Ethyl Acetate	4.82	43	324814	93.537	ug/l	100
38) Carbon Tetrachloride	5.78	117	291724	96.363	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	354317	97.467	ug/l	97
40) Benzene	6.14	78	852087	96.541	ug/l	98
41) Methacrylonitrile	5.03	41	181334	93.440	ug/l	98
42) 1,2-Dichloroethane	6.18	62	304377	91.616	ug/l	99
43) Isopropyl Acetate	6.43	43	534961	92.321	ug/l	99
44) Trichloroethene	7.21	130	224969	99.003	ug/l	96
45) 1,2-Dichloropropane	7.51	63	217605	96.310	ug/l	100
46) Dibromomethane	7.65	93	146161	95.148	ug/l	99
47) Bromodichloromethane	7.89	83	296330	97.001	ug/l	99
48) Methyl methacrylate	7.76	41	261060	94.059	ug/l	99
49) 1,4-Dioxane	7.73	88	130169	2040.716	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1673869	467.917	ug/l	99
52) Toluene	8.78	92	546368	98.542	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	342487	101.229	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	367176	99.255	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	214499	97.327	ug/l	99
56) Ethyl methacrylate	9.17	69	372669	100.925	ug/l	99
57) 1,3-Dichloropropane	9.37	76	372623	96.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	813392	493.912	ug/l	100
59) 2-Hexanone	9.49	43	1303549	477.042	ug/l	99
60) Dibromochloromethane	9.58	129	235082	105.272	ug/l	99
61) 1,2-Dibromoethane	9.67	107	232868	101.517	ug/l	99
64) Tetrachloroethene	9.33	164	194655	97.927	ug/l	96
65) Chlorobenzene	10.14	112	576015	97.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	216527	100.709	ug/l	99
67) Ethyl Benzene	10.25	91	1056331	98.158	ug/l	97
68) m/p-Xylenes	10.35	106	791182	196.424	ug/l	99
69) o-Xylene	10.70	106	386424	98.999	ug/l	99
70) Styrene	10.71	104	682151	104.150	ug/l	100
71) Bromoform	10.85	173	171087	113.601	ug/l	99
73) Isopropylbenzene	11.01	105	1023233	91.280	ug/l	99
74) N-amyl acetate	10.89	43	480893	91.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	340632	92.289	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	413459	117.508	ug/l	77
77) Bromobenzene	11.25	156	243792	95.745	ug/l	98
78) n-propylbenzene	11.35	91	1180816	94.056	ug/l	99
79) 2-Chlorotoluene	11.42	91	700550	89.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	874915	93.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124651	99.777	ug/l	95
82) 4-Chlorotoluene	11.51	91	834804	93.231	ug/l	98
83) tert-Butylbenzene	11.77	119	846617	93.043	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	888444	93.559	ug/l	97
85) sec-Butylbenzene	11.94	105	999454	94.499	ug/l	100
86) p-Isopropyltoluene	12.06	119	944779	99.084	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	451062	98.073	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	447512	96.662	ug/l	99
89) n-Butylbenzene	12.38	91	800224	95.646	ug/l	99
90) Hexachloroethane	12.59	117	167280	98.983	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	439059	95.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	83962	91.693	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:14:45 2019
Response via : Initial Calibration

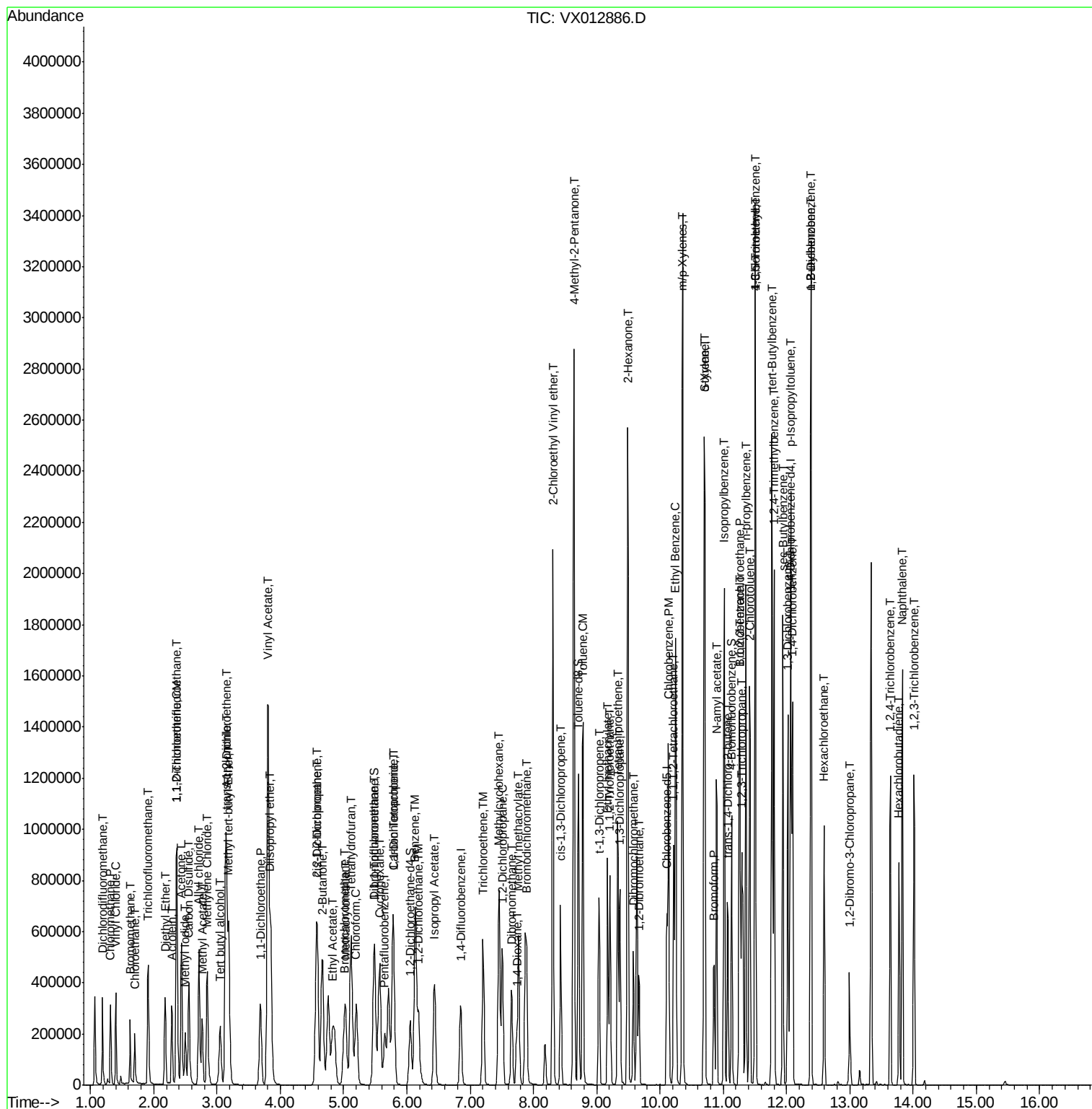
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	276309	98.137	ug/l	98
94) Hexachlorobutadiene	13.78	225	126298	103.343	ug/l	97
95) Naphthalene	13.83	128	964792	95.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	273282	97.102	ug/l	99

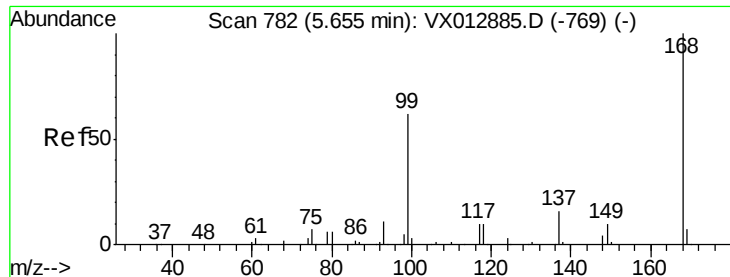
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : JC/SP
Sample    : VSTDICC100
Misc      : 5.0mL/MSVOA X/WATER
ALS Vial  : 7      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 09 01:21:59 2019
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:14:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

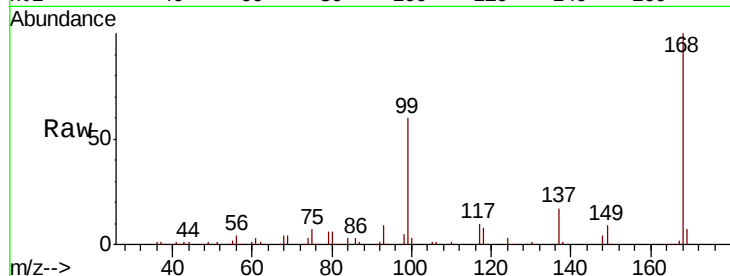
VSTDIC100

Tot Ion:168 Resp: 185074

Ion Ratio Lower Upper

168 100

99 59.8 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

40000

20000

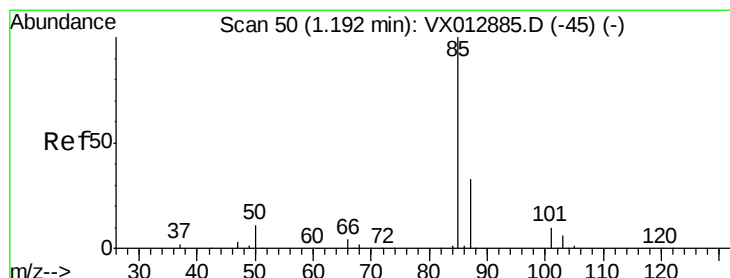
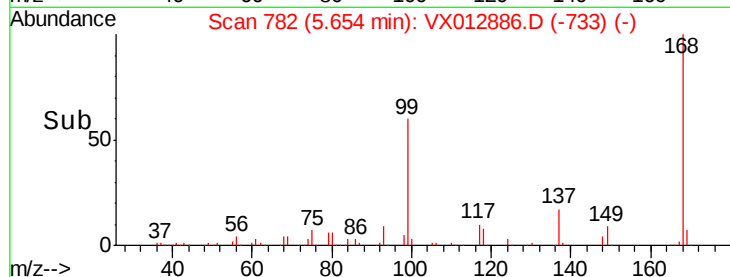
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 94.957 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012886.D

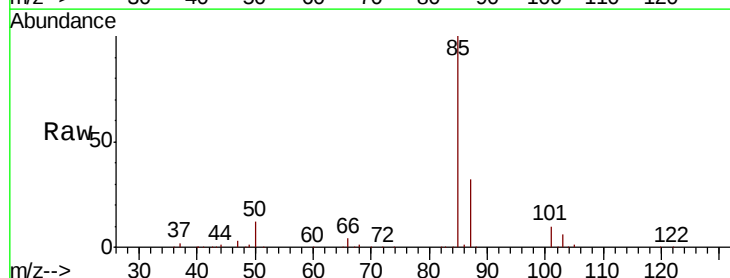
Acq: 08 Oct 2019 12:37

Tgt Ion: 85 Resp: 198960

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

100000

50000

0

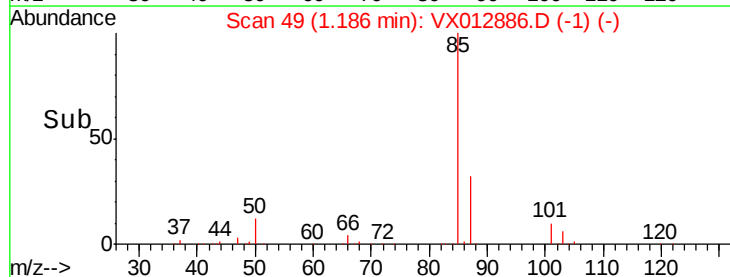
Time-->

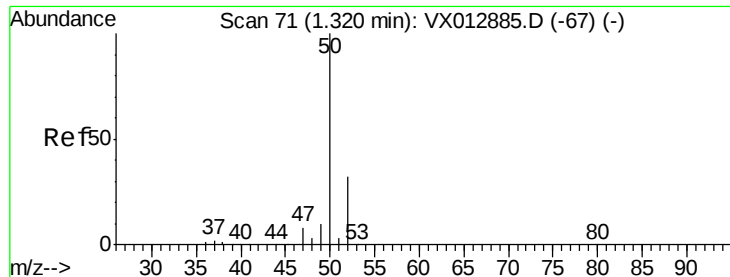
1.15

1.20

1.25

1.30

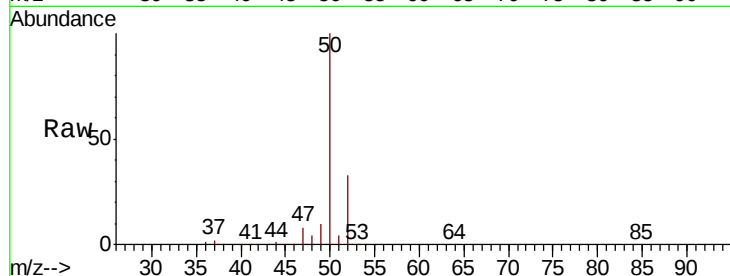




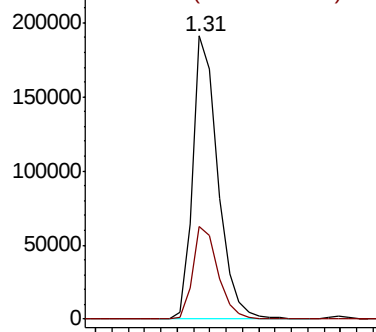
#3
Chloromethane
Concen: 87.155 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

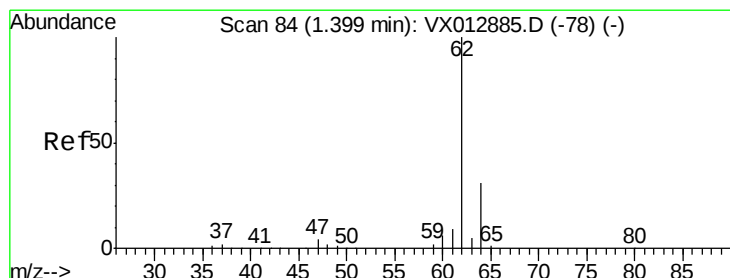
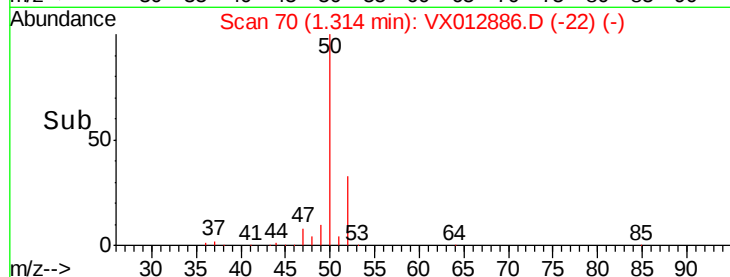
Tot Ion: 50 Resp: 206208
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0

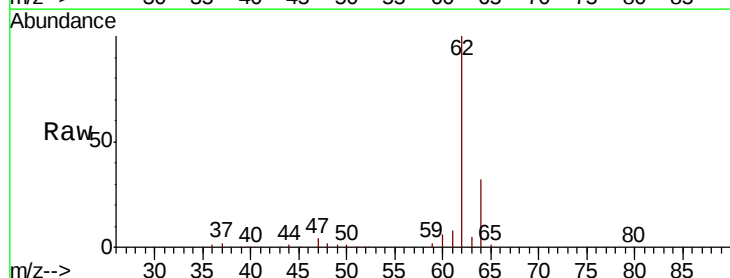


Time--> 1.25 1.30 1.35 1.40

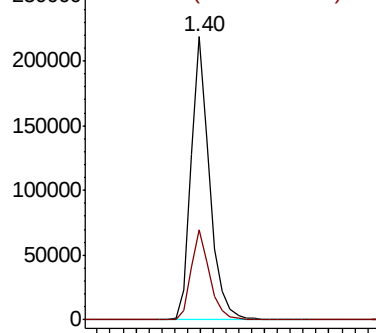


#4
Vinyl Chloride
Concen: 93.362 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

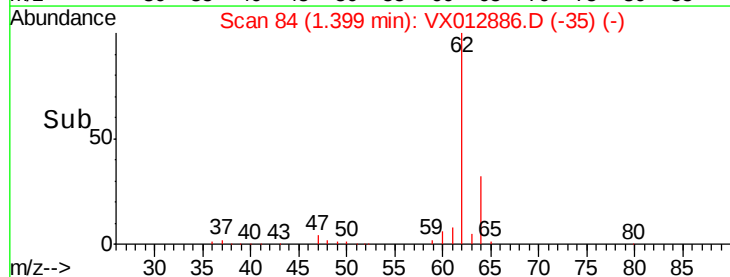
Tgt Ion: 62 Resp: 220385
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

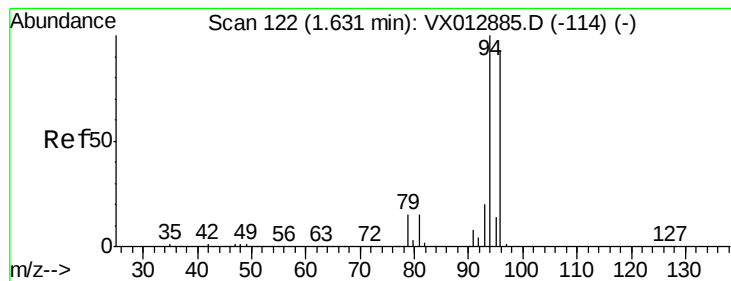


Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0



Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 90.804 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

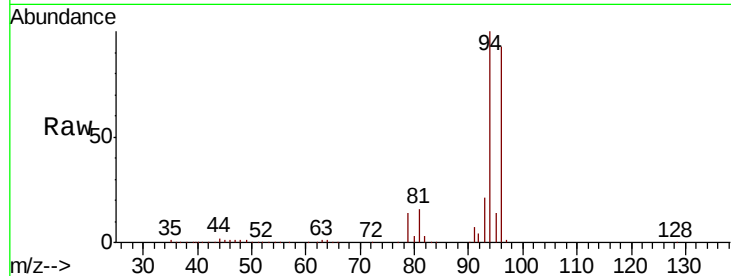
VSTDIC100

Tot Ion: 94 Resp: 84949

Ion Ratio Lower Upper

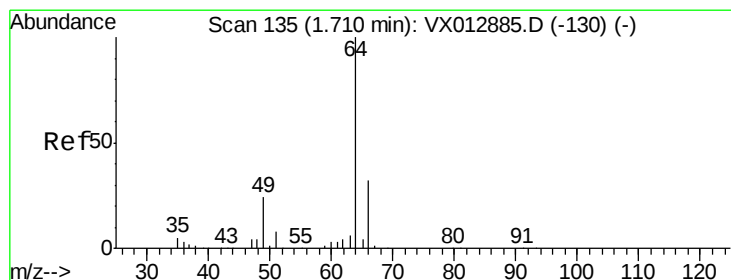
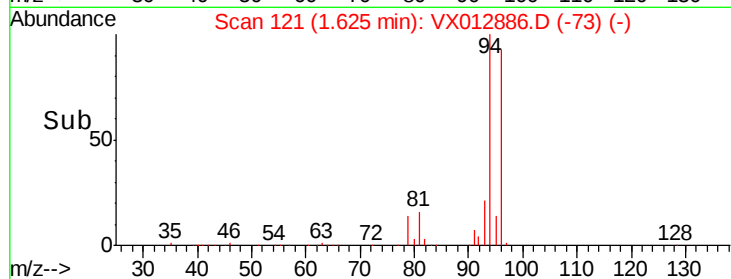
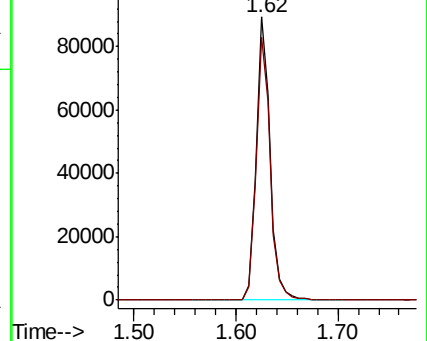
94 100

96 92.9 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 82.156 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012886.D

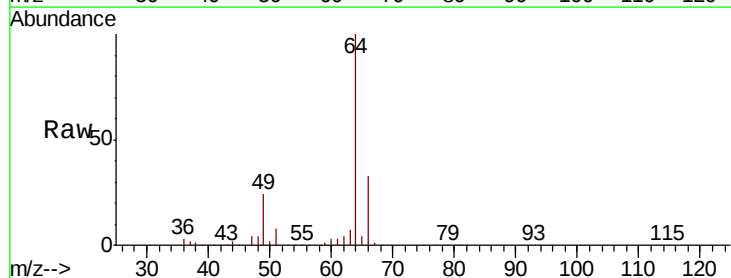
Acq: 08 Oct 2019 12:37

Tgt Ion: 64 Resp: 129699

Ion Ratio Lower Upper

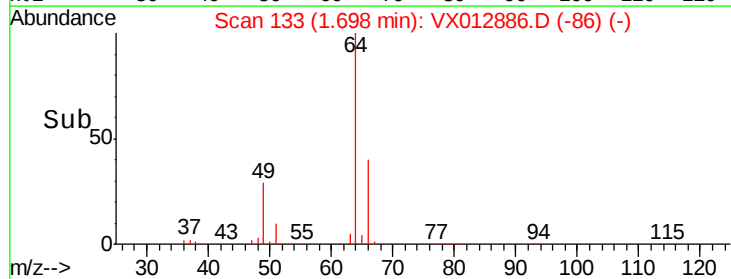
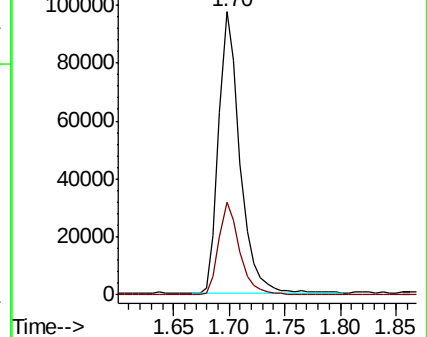
64 100

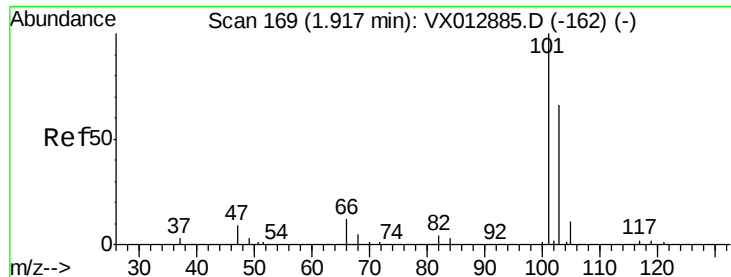
66 32.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



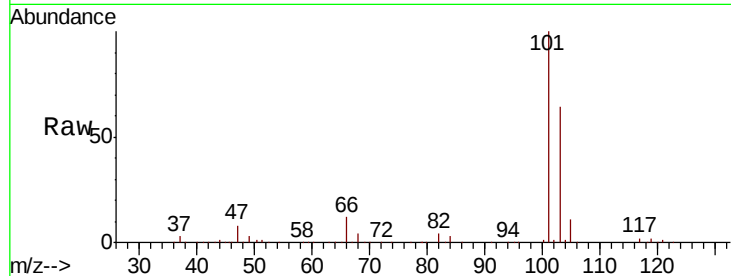


#7

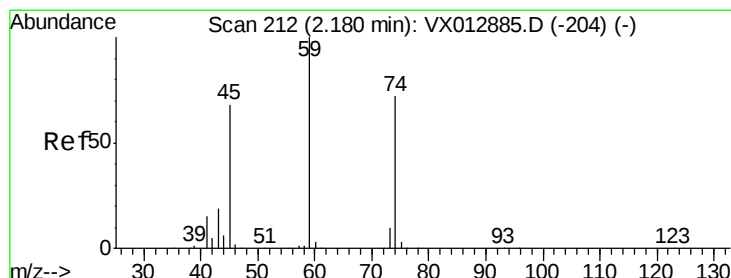
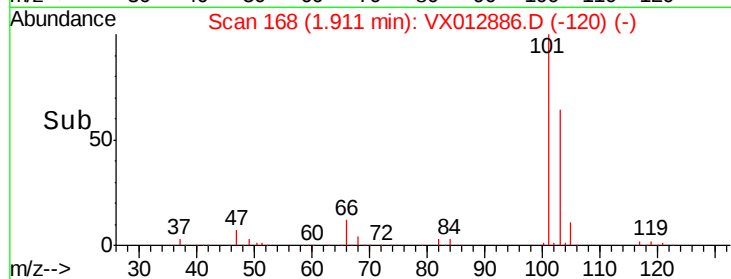
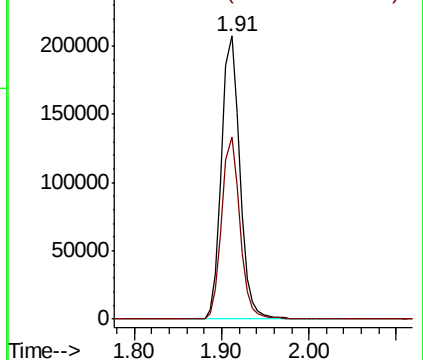
Trichlorofluoromethane
 Concen: 90.779 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

Instrument :
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 ClientSampleId :
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Tot Ion:101 Resp: 300282
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.5 78.7



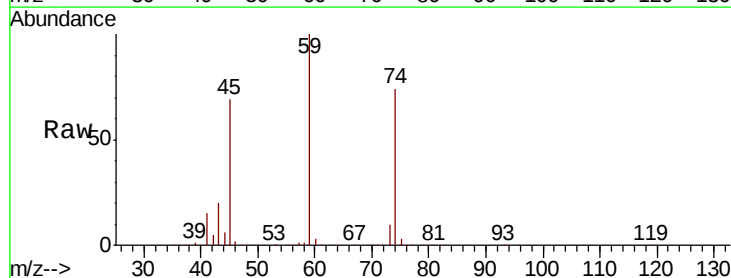
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



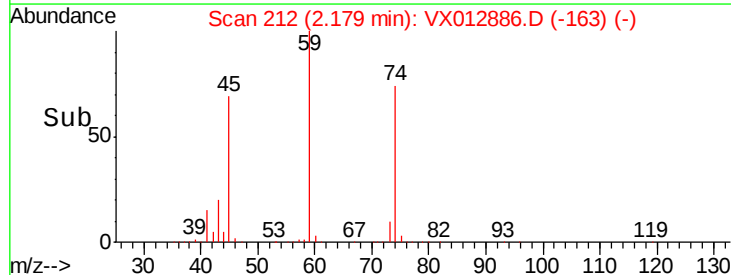
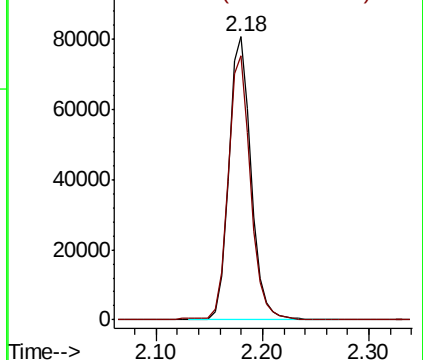
#8

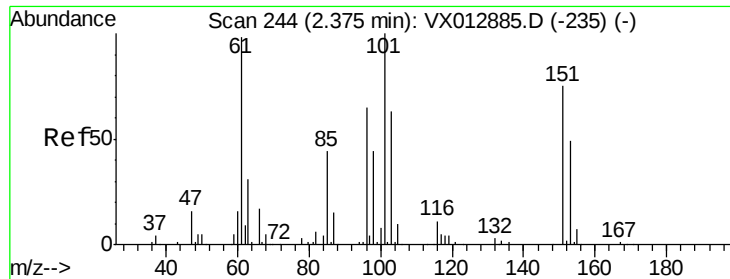
Diethyl Ether
 Concen: 87.048 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012886.D
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Tgt Ion: 74 Resp: 117498
 Ion Ratio Lower Upper
 74 100
 45 93.7 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.374 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

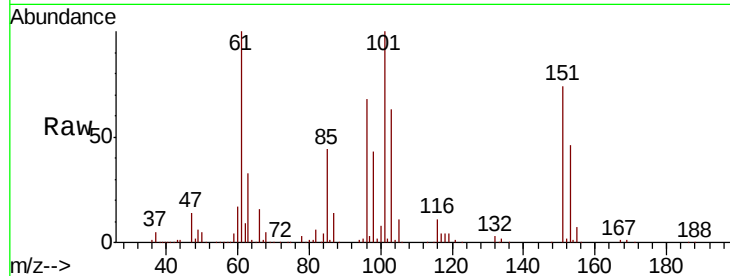
Tot Ion:101 Resp: 191191

Ion Ratio Lower Upper

101 100

85 43.4 35.2 52.8

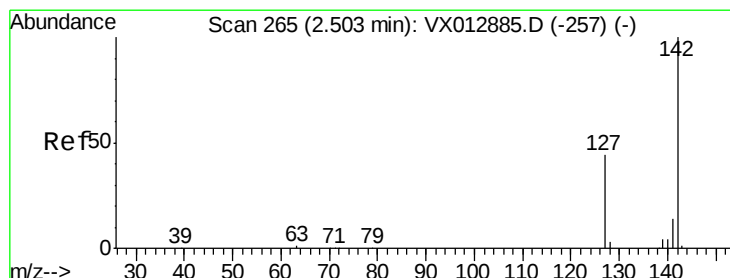
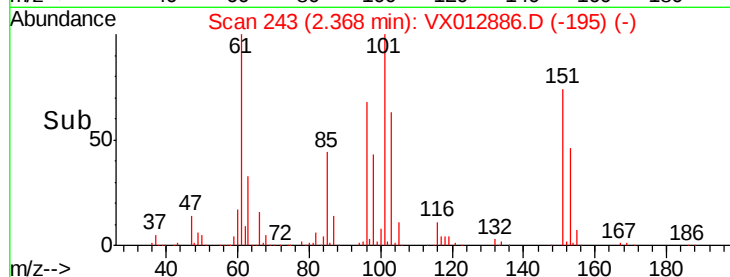
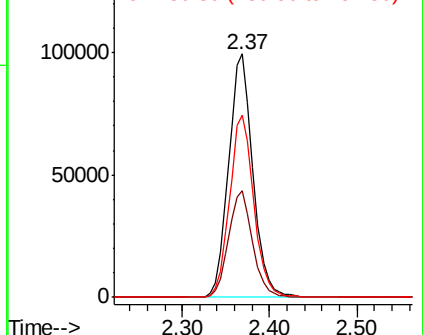
151 74.8 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 118.877 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

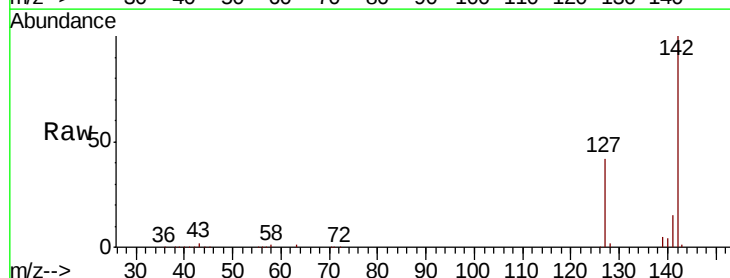
Tgt Ion:142 Resp: 228835

Ion Ratio Lower Upper

142 100

127 42.8 34.9 52.3

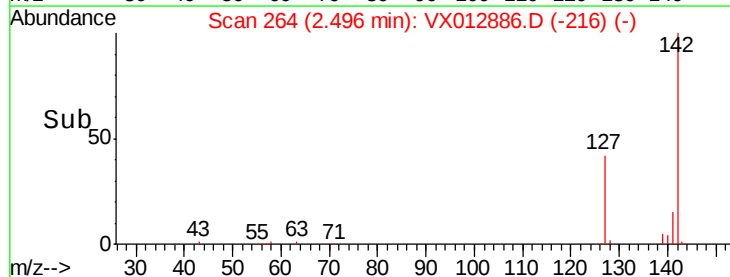
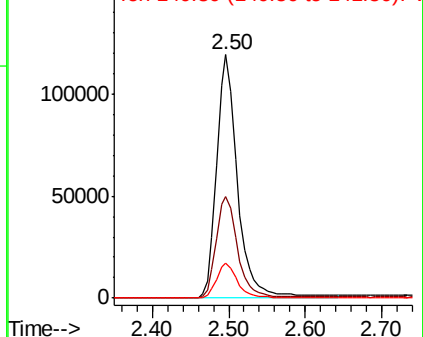
141 14.2 11.6 17.4

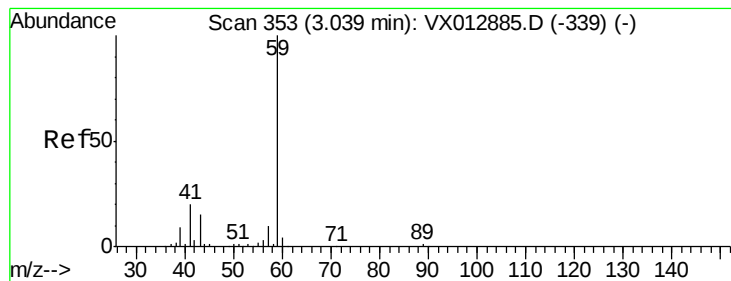


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



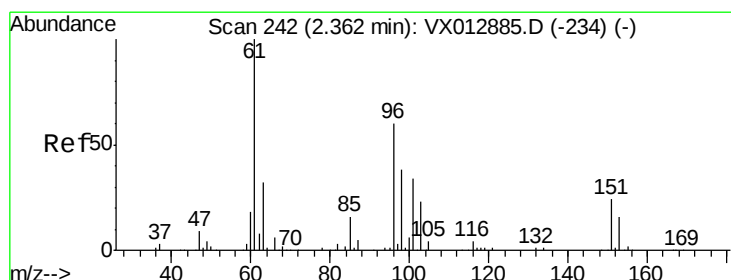
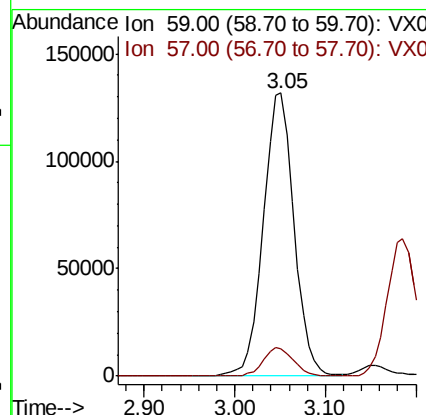
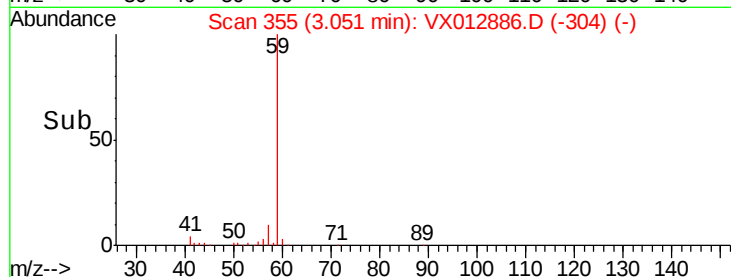
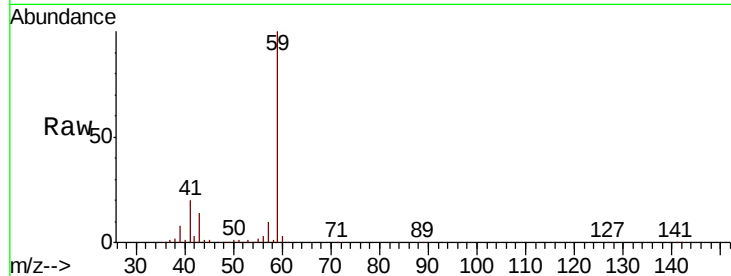


#11

Tert butyl alcohol
Concen: 467.120 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

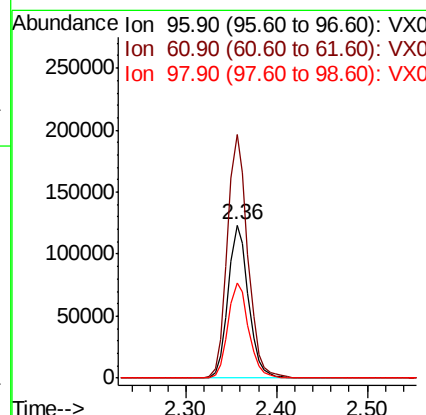
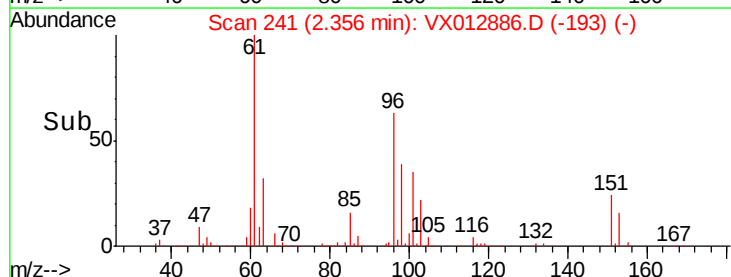
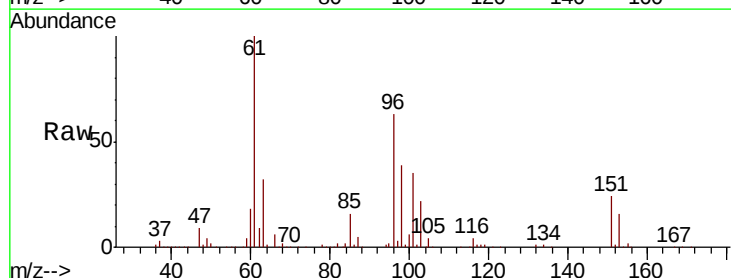
Tot Ion: 59 Resp: 309251
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

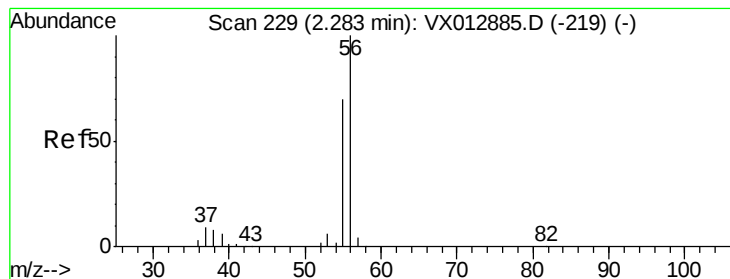


#12

1,1-Dichloroethene
Concen: 97.509 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 96 Resp: 193351
Ion Ratio Lower Upper
96 100
61 159.4 132.2 198.4
98 62.5 50.5 75.7





#13

Acrolein

Concen: 613.803 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

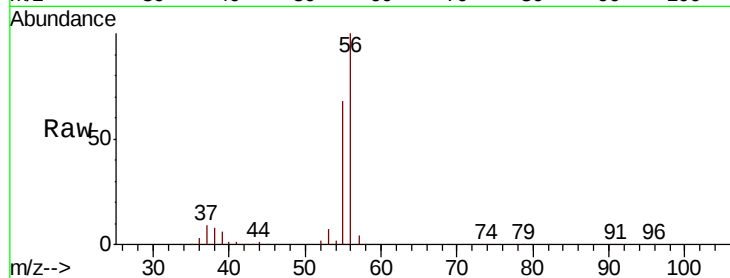
VSTDIC100

Tot Ion: 56 Resp: 224067

Ion Ratio Lower Upper

56 100

55 69.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

150000

100000

50000

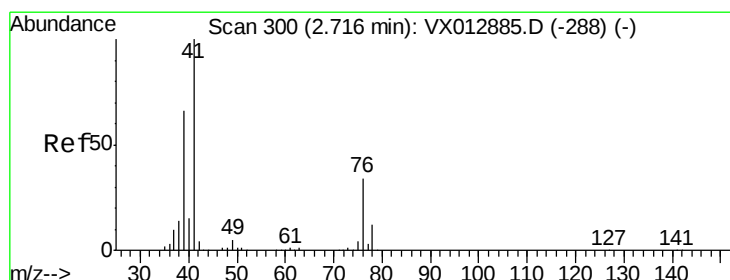
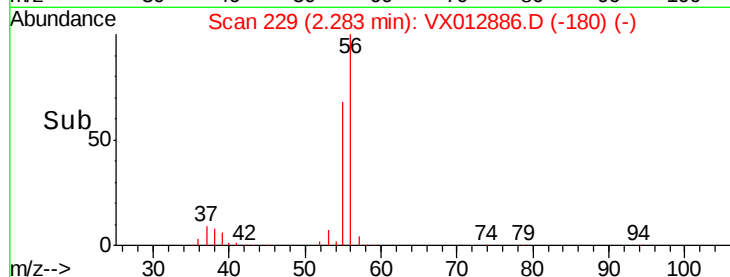
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 91.383 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

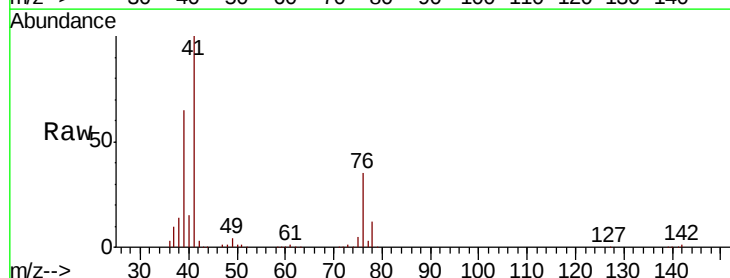
Tgt Ion: 41 Resp: 355523

Ion Ratio Lower Upper

41 100

39 61.6 51.0 76.6

76 32.8 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

250000

200000

150000

100000

50000

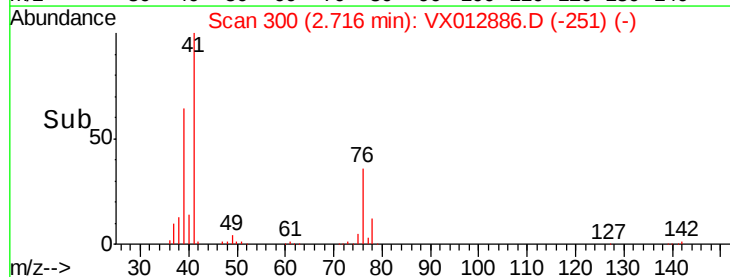
0

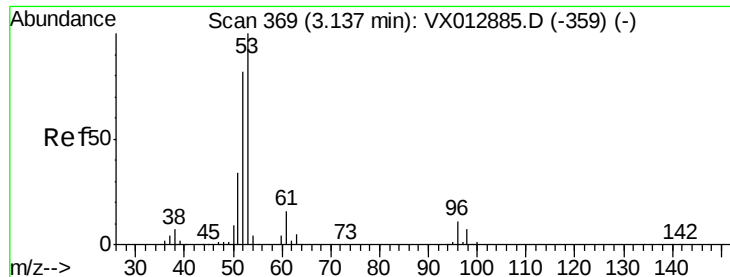
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 457.143 ug/l

RT: 3.14 min Scan# 369

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

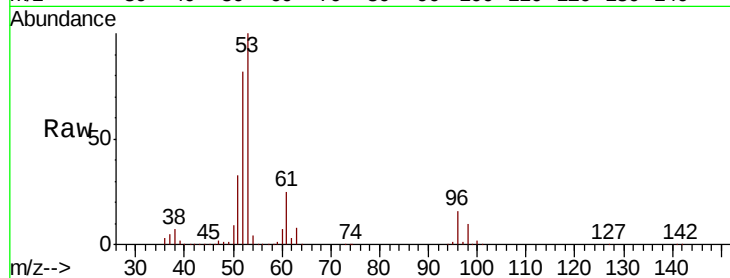
Tot Ion: 53 Resp: 615713

Ion Ratio Lower Upper

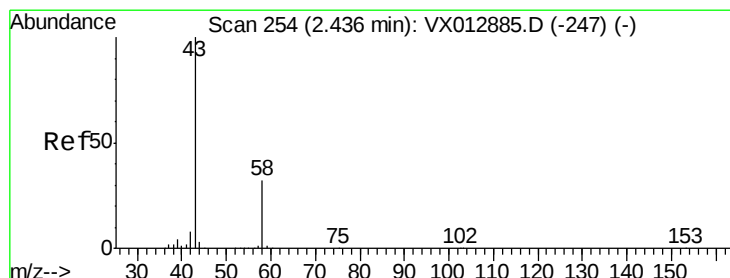
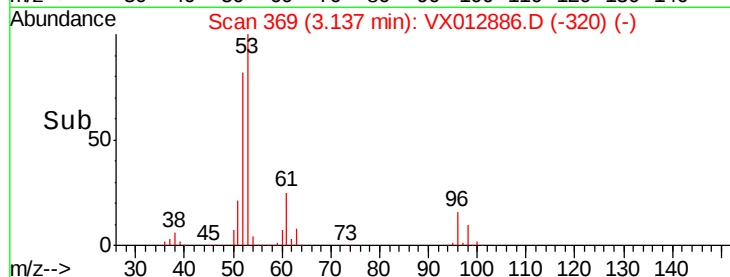
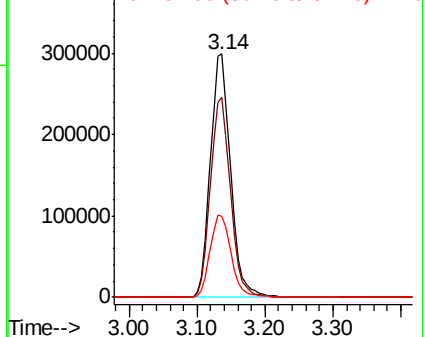
53 100

52 81.9 66.2 99.2

51 35.5 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 428.709 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012886.D

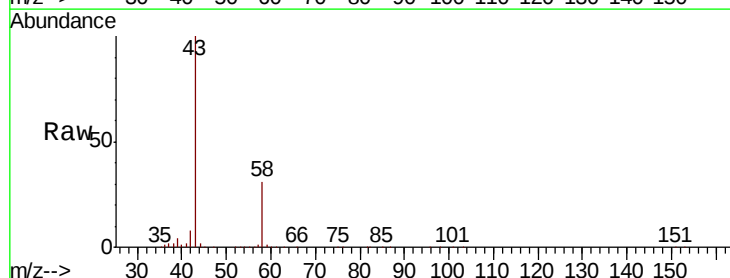
Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 602011

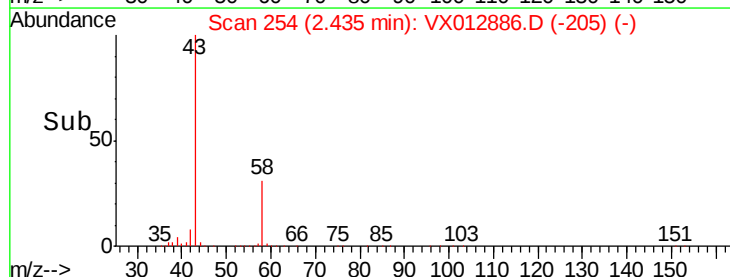
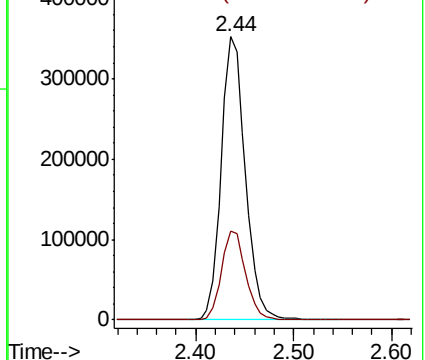
Ion Ratio Lower Upper

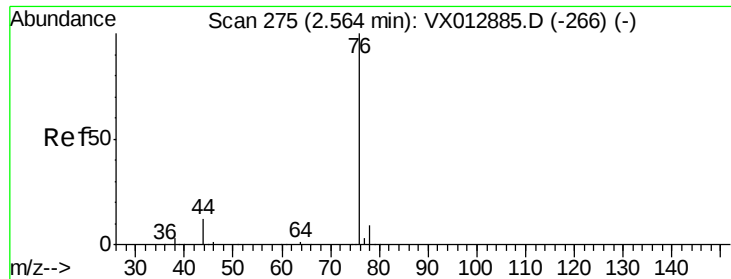
43 100

58 31.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

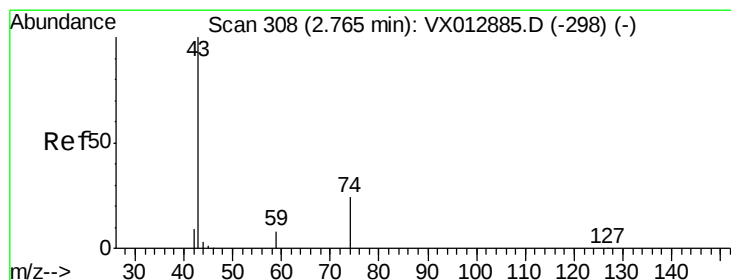
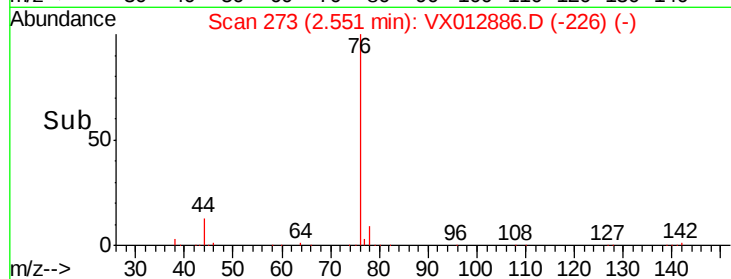
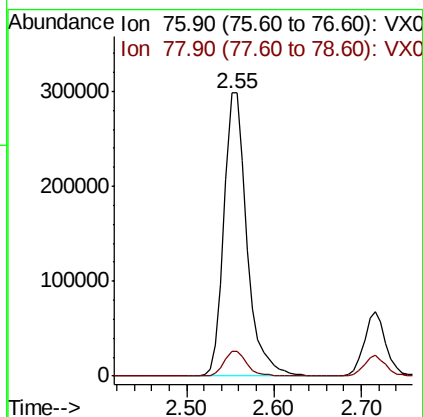
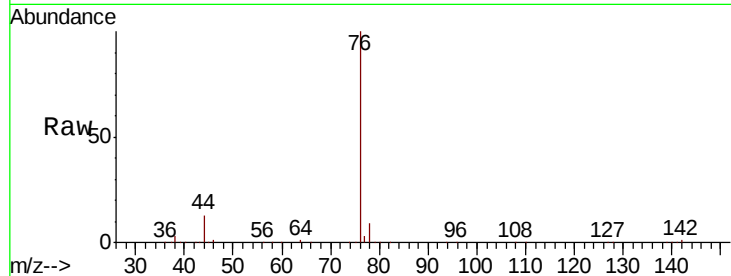




#17
Carbon Disulfide
Concen: 97.818 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

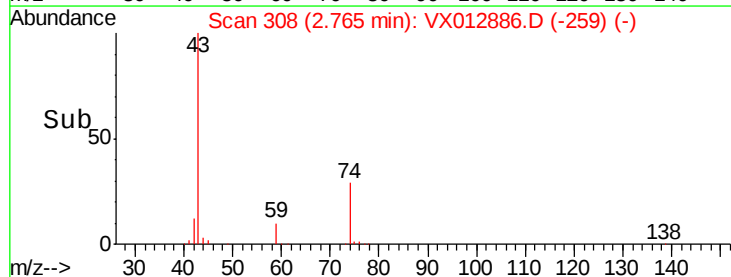
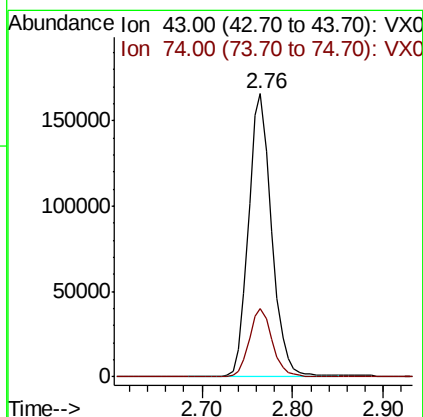
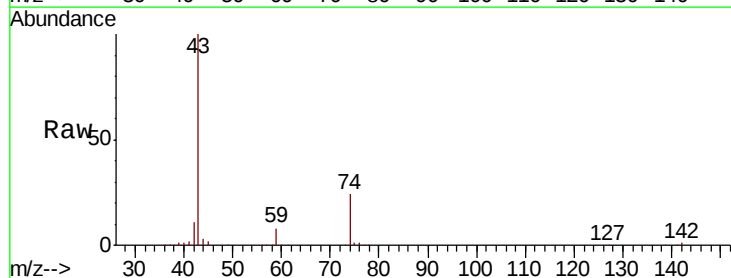
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

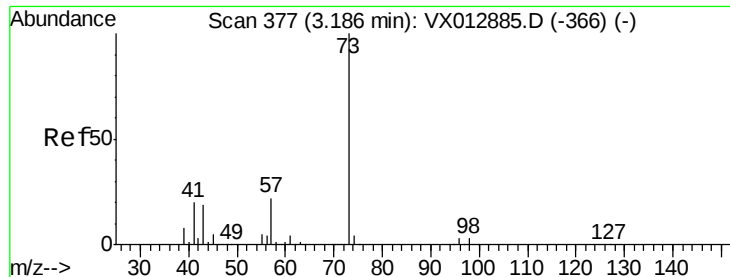
Tot Ion: 76 Resp: 544739
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 88.139 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 292466
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8

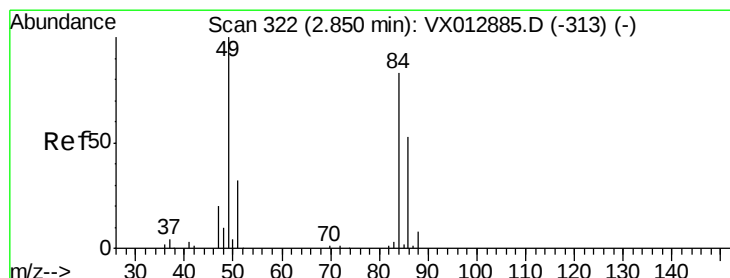
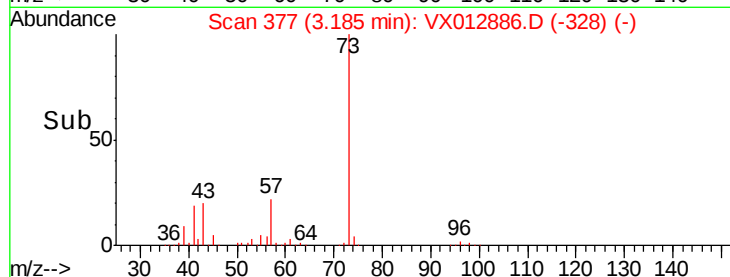
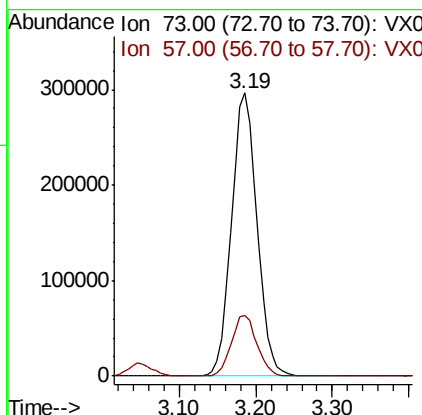
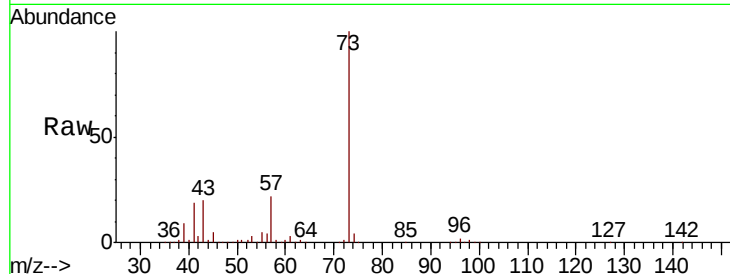




#19
Methvl tert-butvl Ether
Concen: 91.891 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

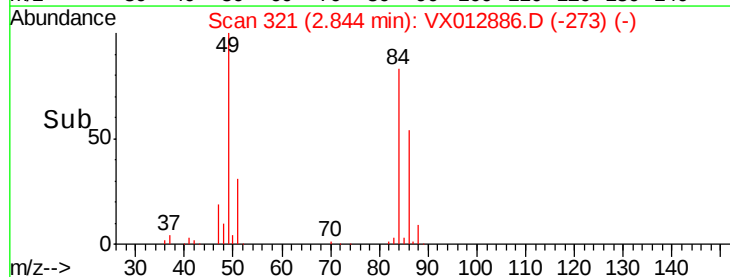
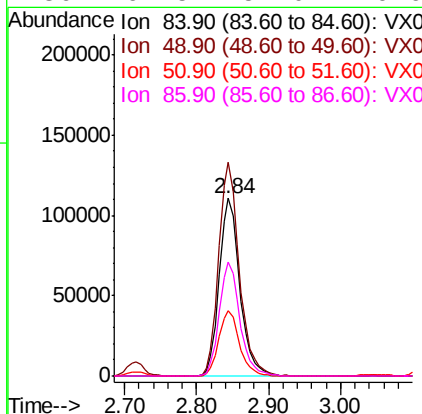
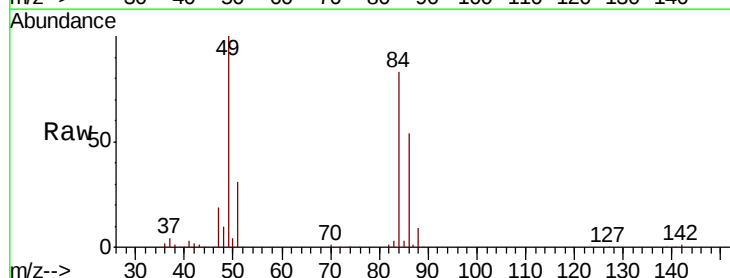
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

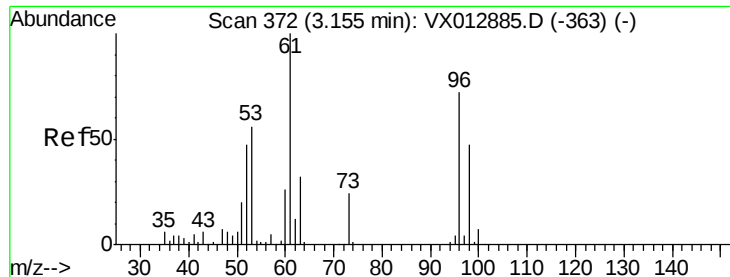
Tot Ion: 73 Resp: 683998
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6



#20
Methylene Chloride
Concen: 91.385 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 84 Resp: 219861
Ion Ratio Lower Upper
84 100
49 120.4 96.6 144.8
51 36.7 30.7 46.1
86 64.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 94.236 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

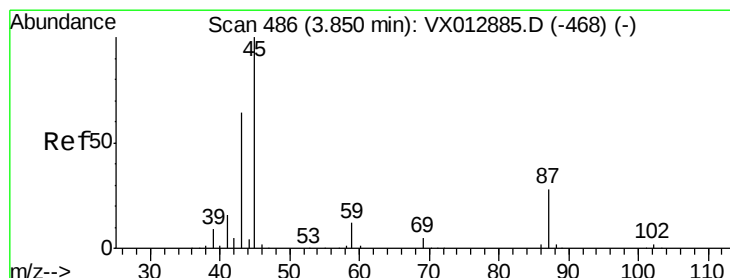
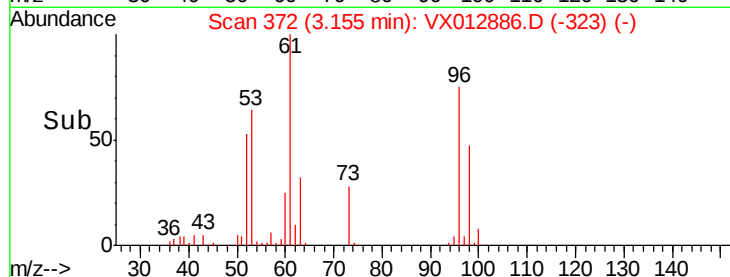
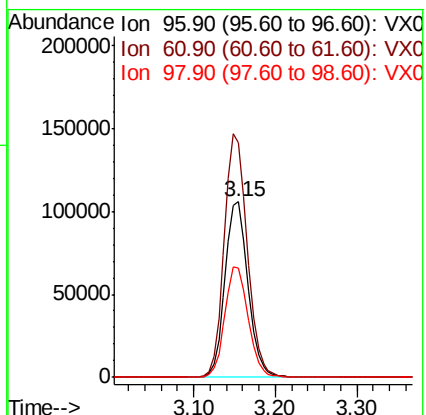
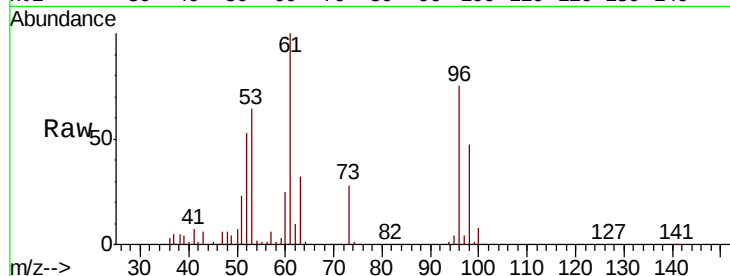
Tot Ion: 96 Resp: 206710

Ion Ratio Lower Upper

96 100

61 134.0 110.4 165.6

98 62.3 51.5 77.3



#22

Diisopropyl ether

Concen: 88.105 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Tgt Ion: 45 Resp: 662694

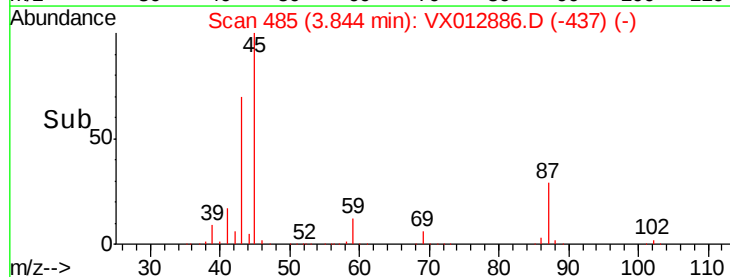
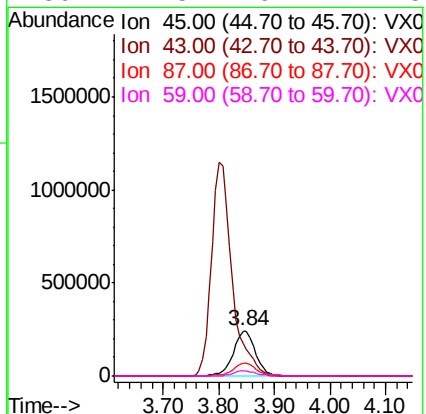
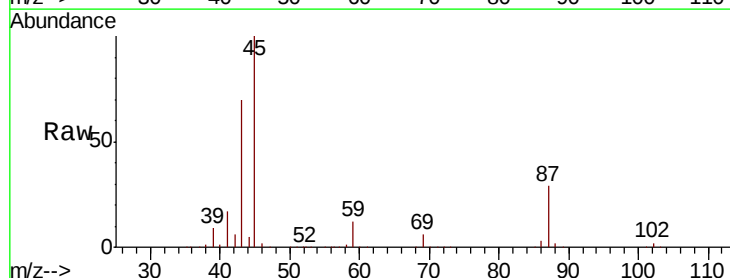
Ion Ratio Lower Upper

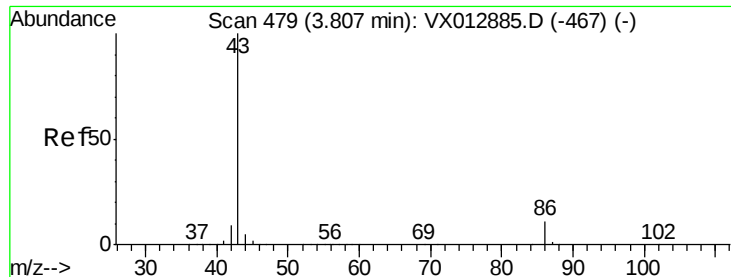
45 100

43 69.9 51.4 77.0

87 28.6 22.5 33.7

59 11.5 9.7 14.5





#23

Vinyl Acetate

Concen: 450.725 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

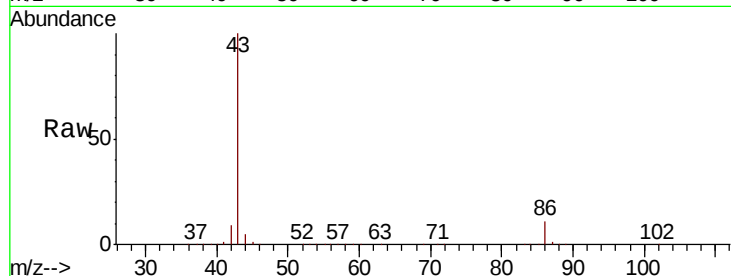
VSTDIC100

Tot Ion: 43 Resp: 2963241

Ion Ratio Lower Upper

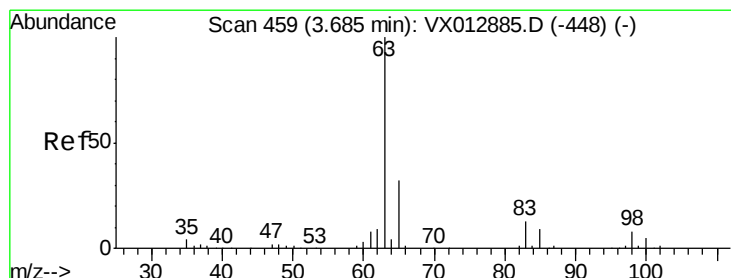
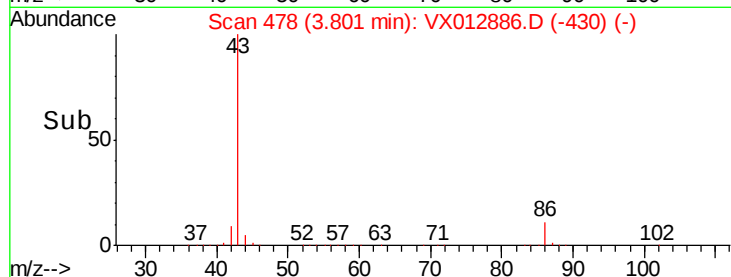
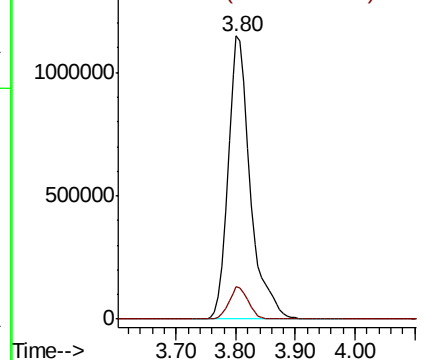
43 100

86 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 91.127 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

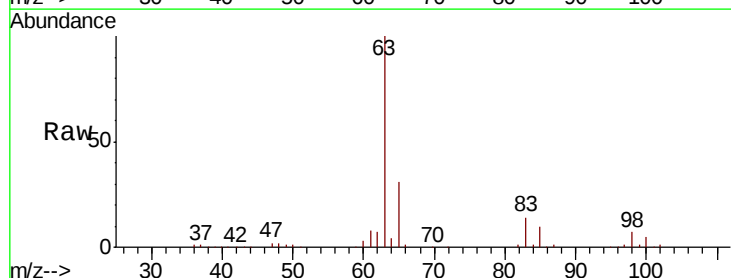
Tgt Ion: 63 Resp: 373395

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

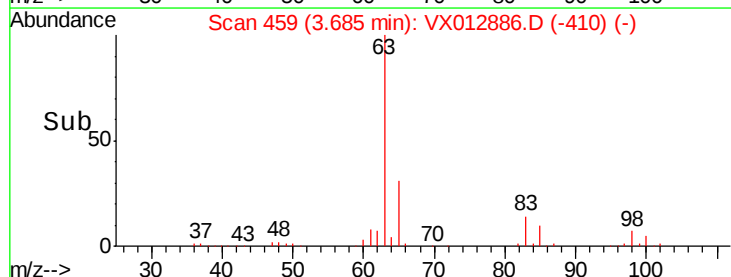
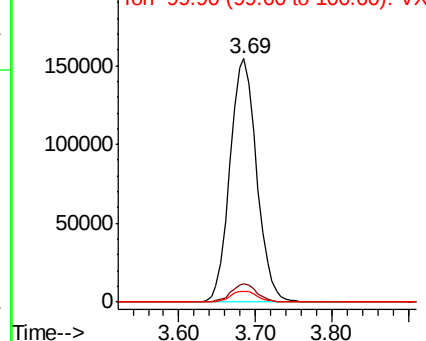
100 4.6 2.3 6.9

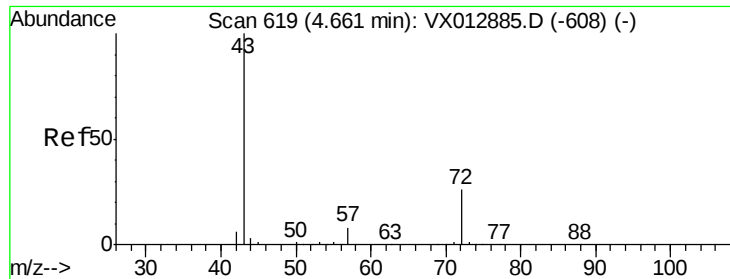


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 439.451 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

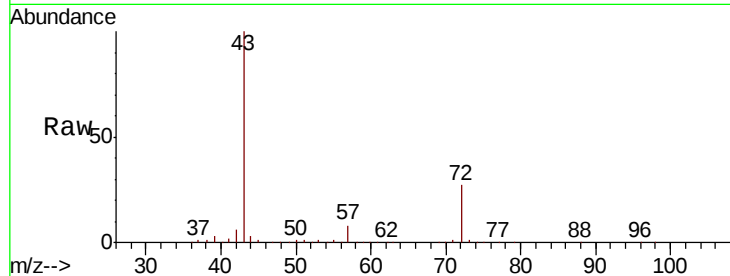
VSTDIC100

Tot Ion: 43 Resp: 882968

Ion Ratio Lower Upper

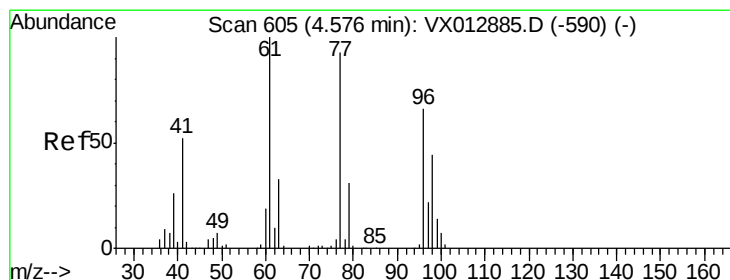
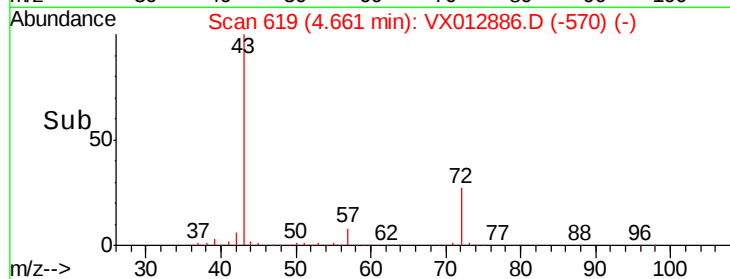
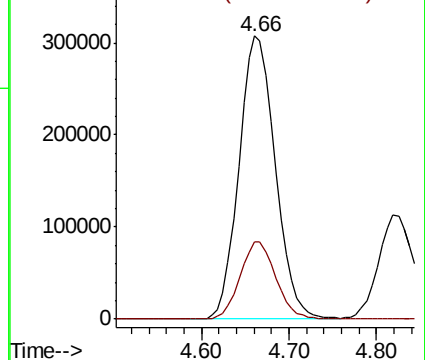
43 100

72 27.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 88.373 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012886.D

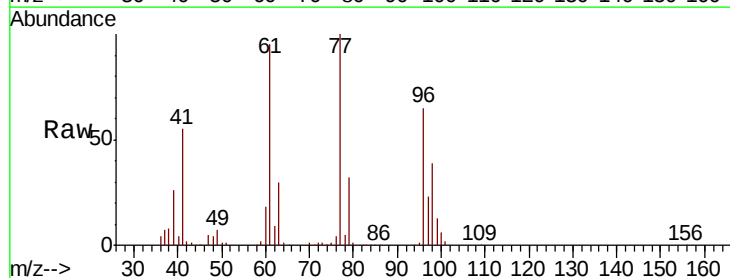
Acq: 08 Oct 2019 12:37

Tgt Ion: 77 Resp: 320439

Ion Ratio Lower Upper

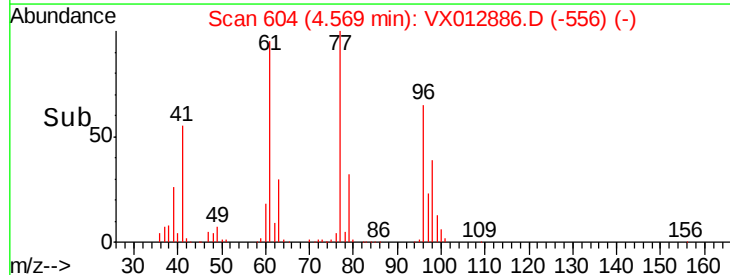
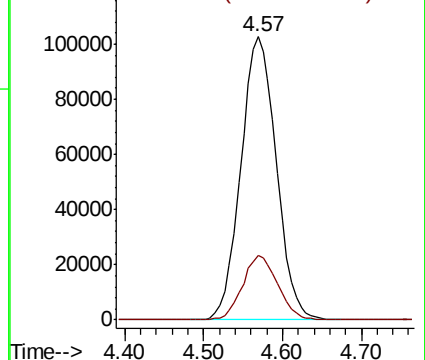
77 100

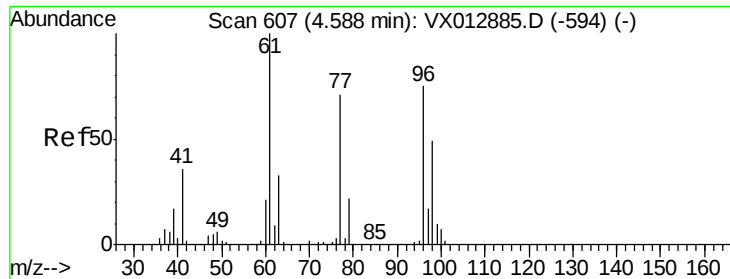
97 22.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



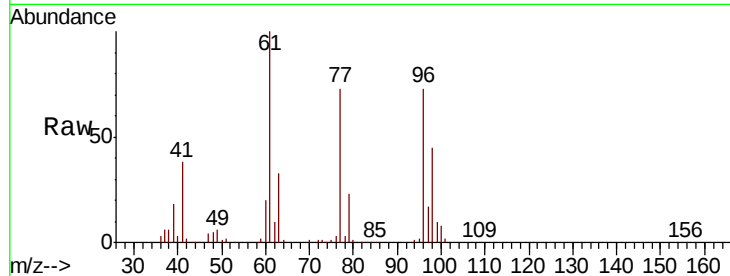


#27

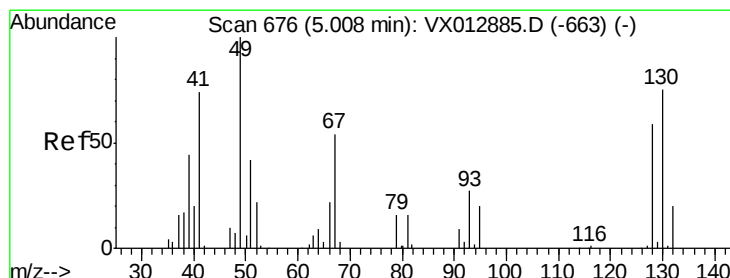
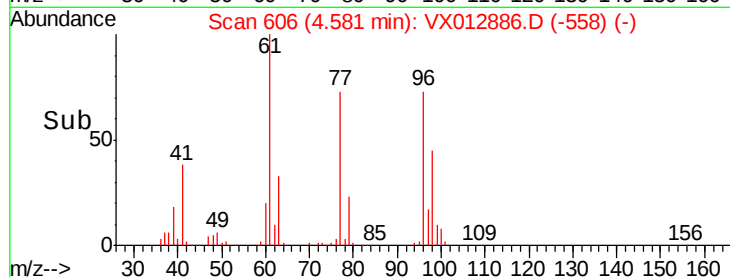
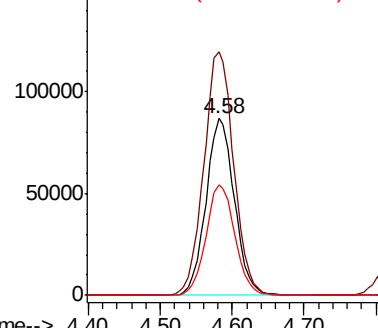
cis-1,2-Dichloroethene
Concen: 93.506 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	290.6
98	63.6	0.0	128.8



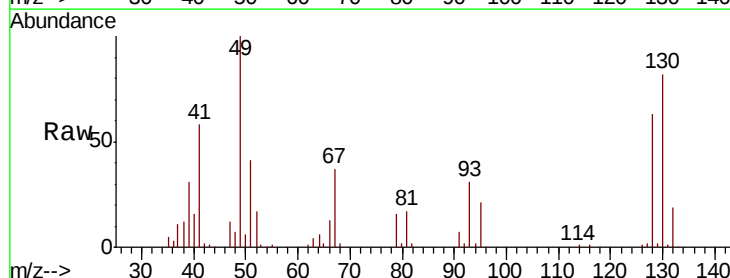
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



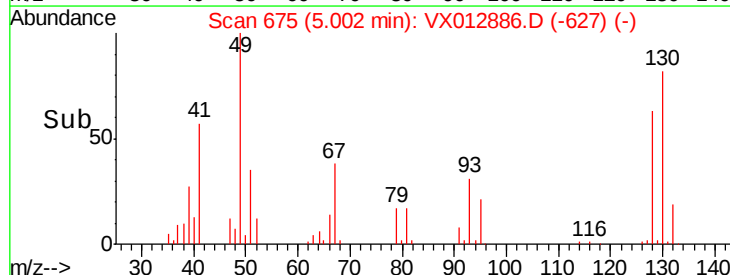
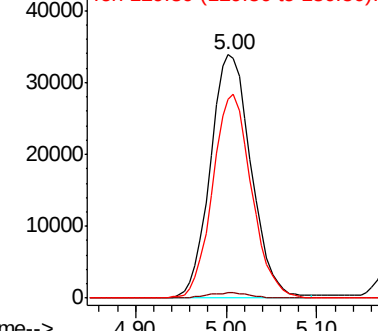
#28

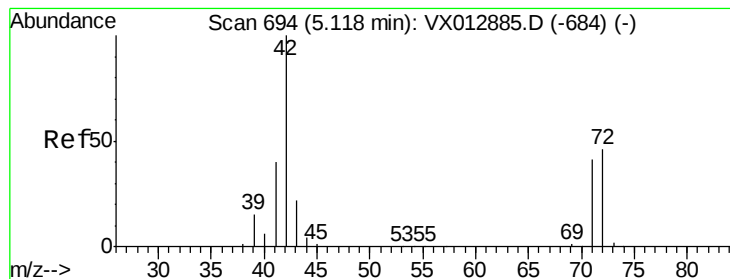
Bromochloromethane
Concen: 72.777 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	79.7	62.1	93.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 448.489 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

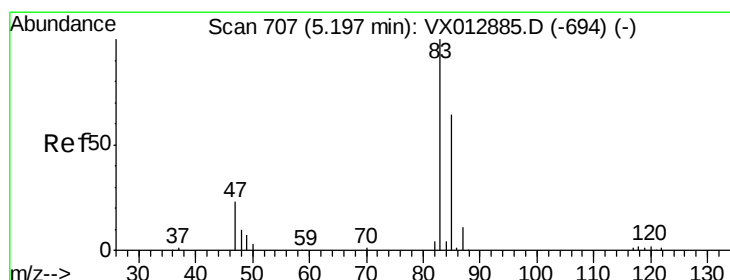
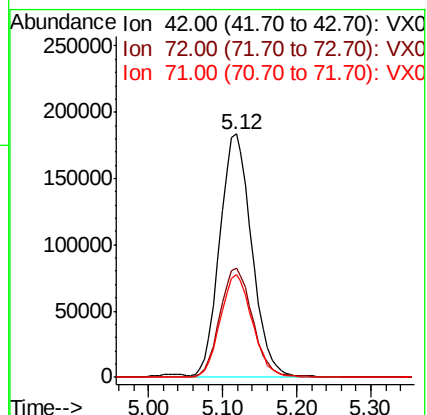
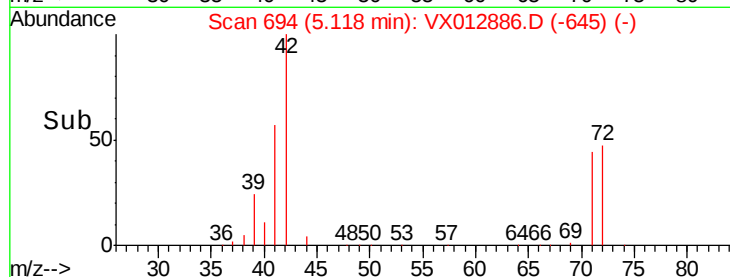
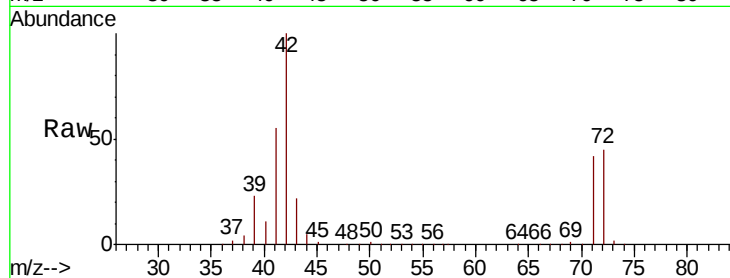
Tot Ion: 42 Resp: 550128

Ion Ratio Lower Upper

42 100

72 45.9 36.9 55.3

71 42.2 33.5 50.3



#30

Chloroform

Concen: 89.160 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX012886.D

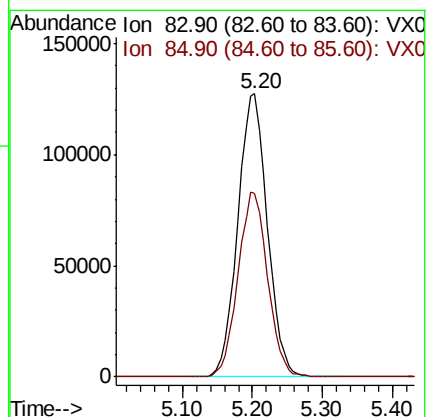
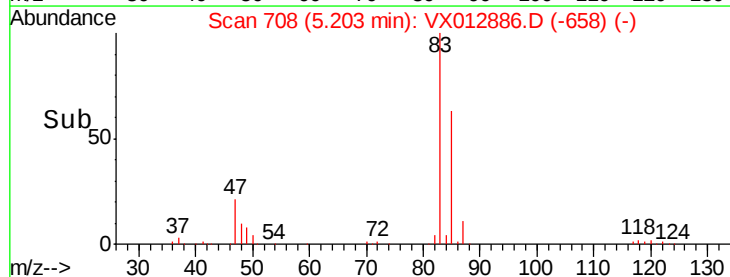
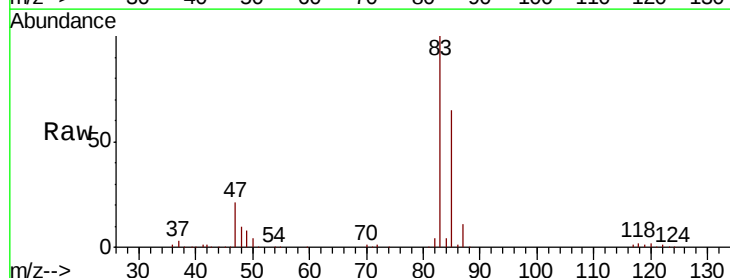
Acq: 08 Oct 2019 12:37

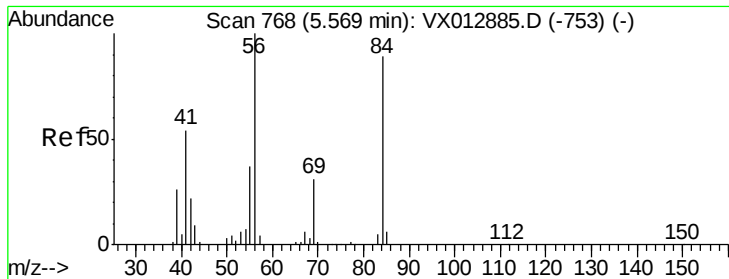
Tgt Ion: 83 Resp: 374679

Ion Ratio Lower Upper

83 100

85 64.8 51.5 77.3

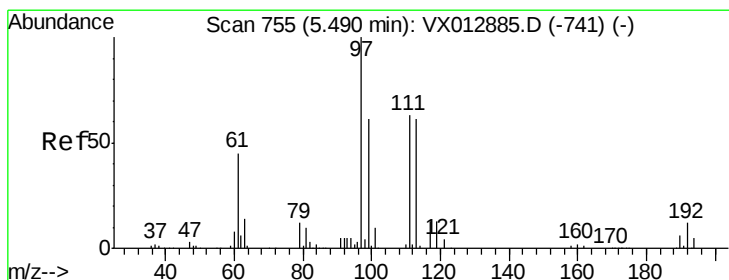
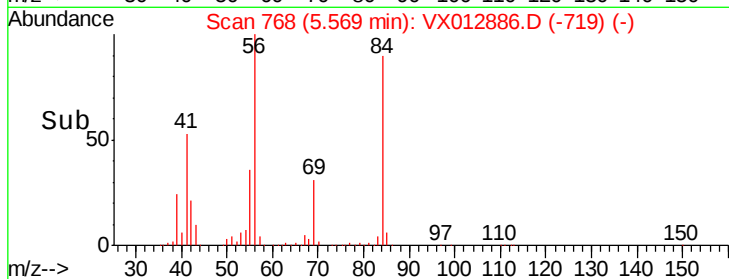
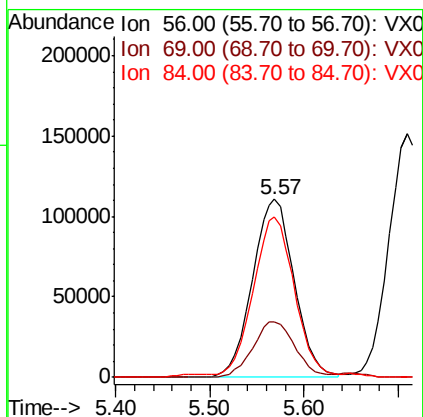
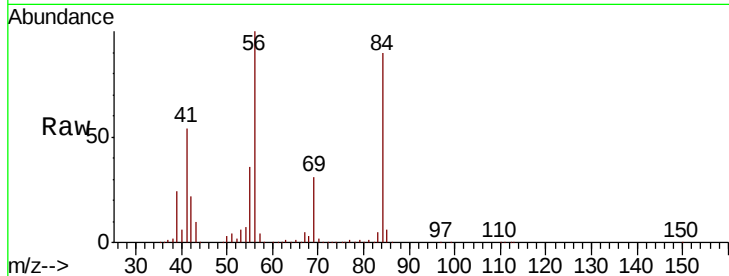




#31
Cyclohexane
Concen: 92.067 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

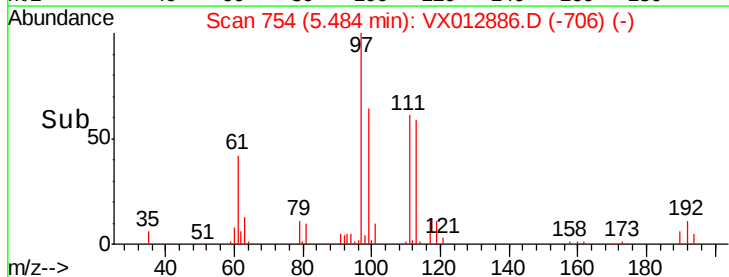
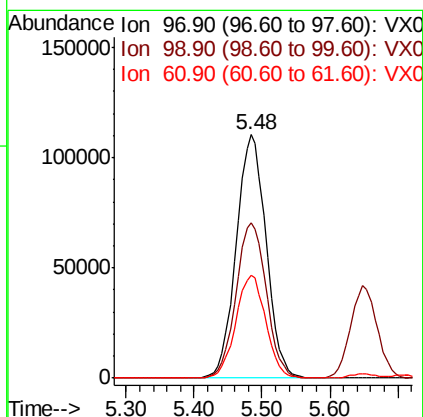
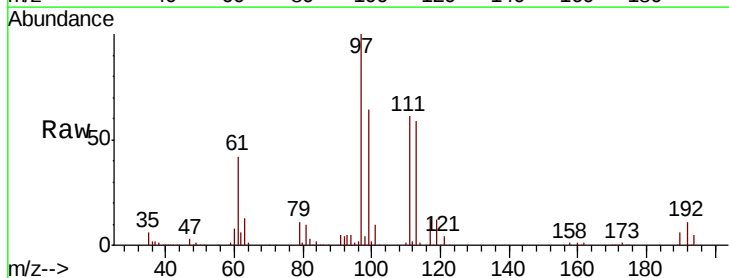
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

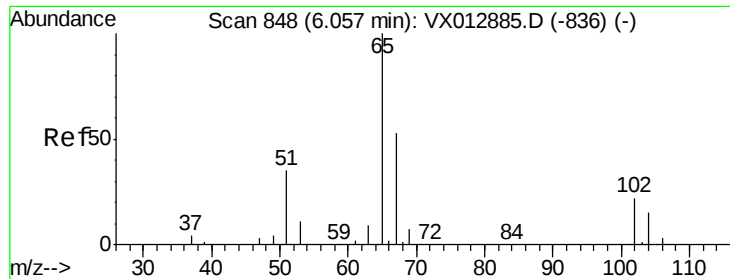
Tot Ion: 56 Resp: 342369
Ion Ratio Lower Upper
56 100
69 31.3 25.2 37.8
84 88.8 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 90.862 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 97 Resp: 336621
Ion Ratio Lower Upper
97 100
99 64.4 52.3 78.5
61 42.6 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 89.711 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

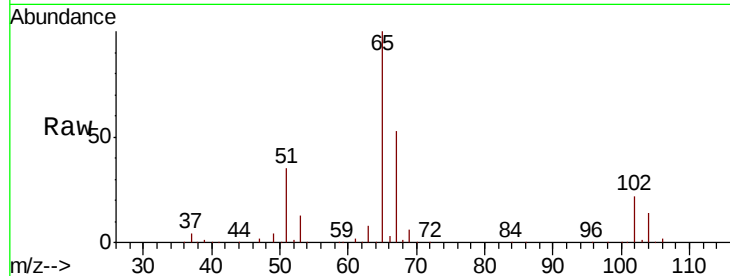
VSTDIC100

Tot Ion: 65 Resp: 237800

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

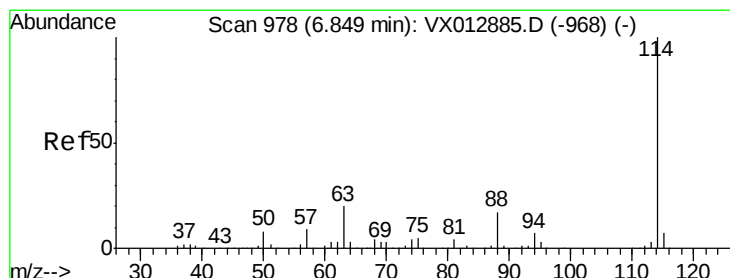
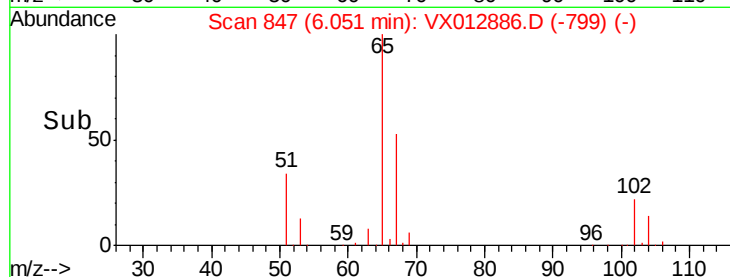
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

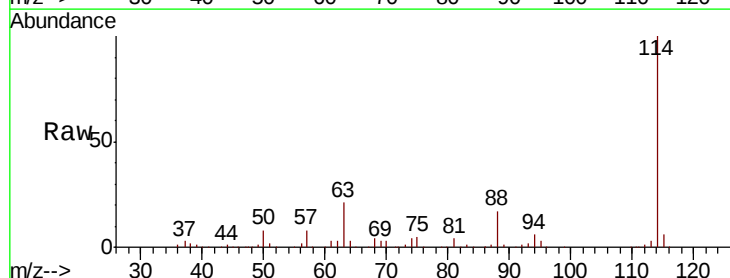
Tgt Ion: 114 Resp: 310422

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 17.0 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

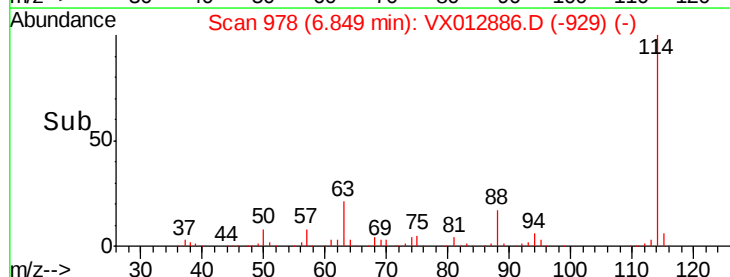
150000

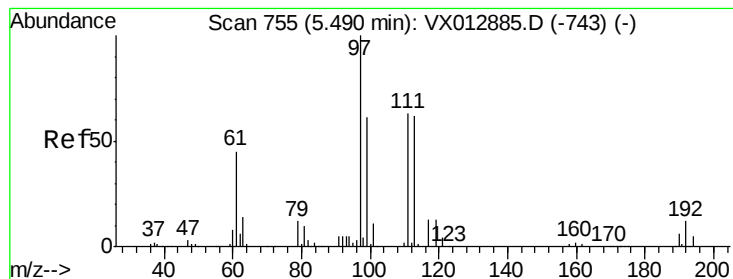
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 101.808 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

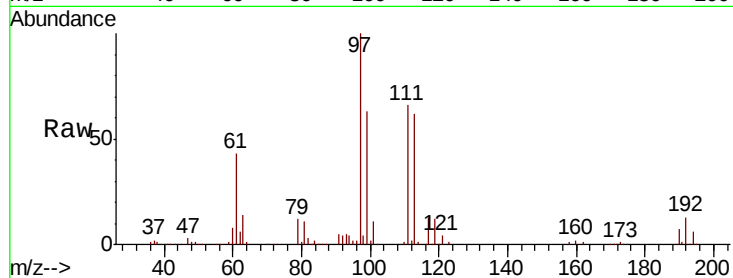
Tot Ion:113 Resp: 189328

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

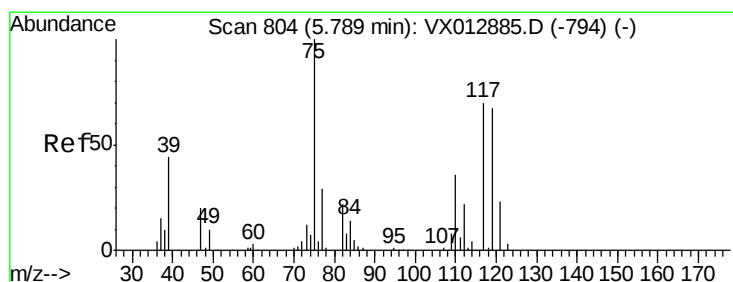
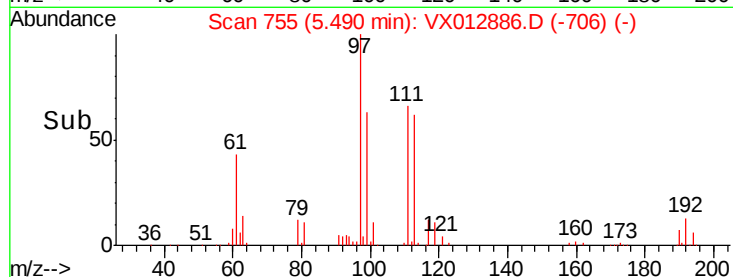
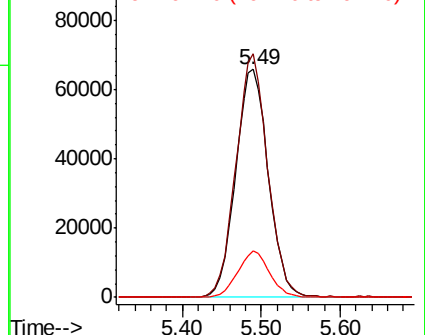
192 19.6 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 95.254 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

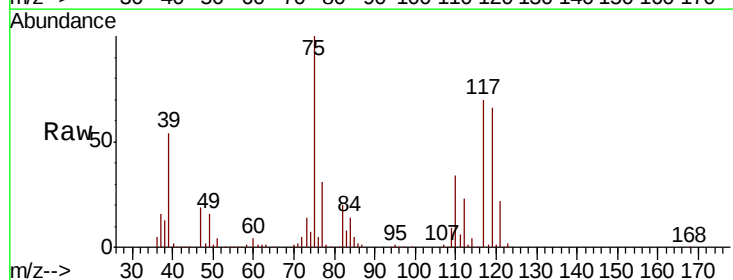
Tgt Ion: 75 Resp: 286503

Ion Ratio Lower Upper

75 100

110 35.5 17.6 52.9

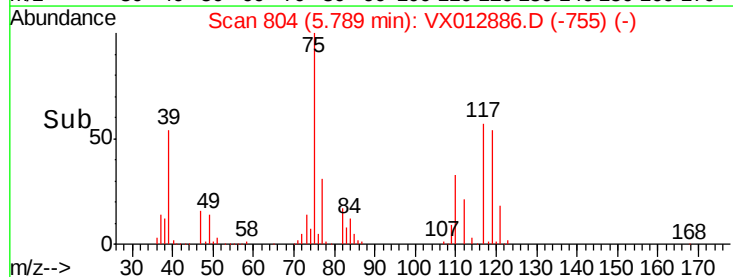
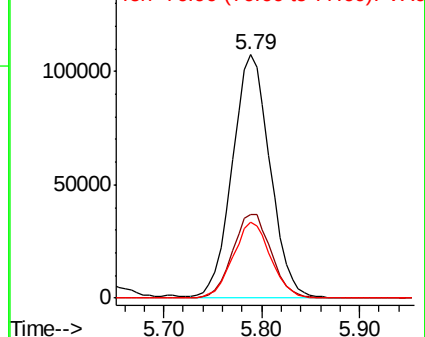
77 31.3 24.4 36.6

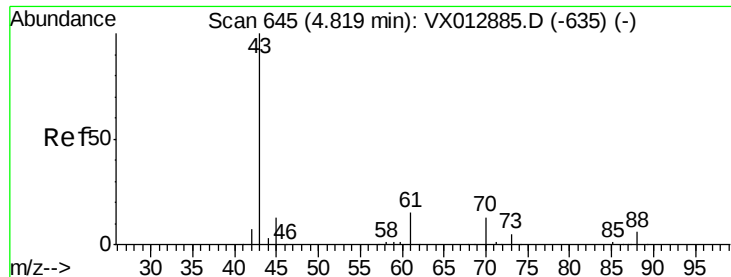


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

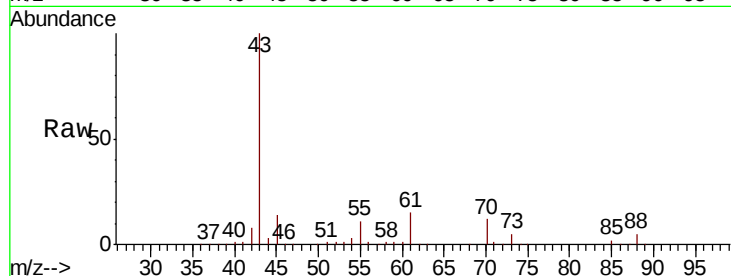




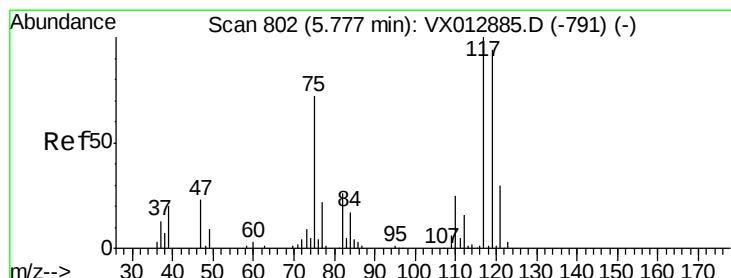
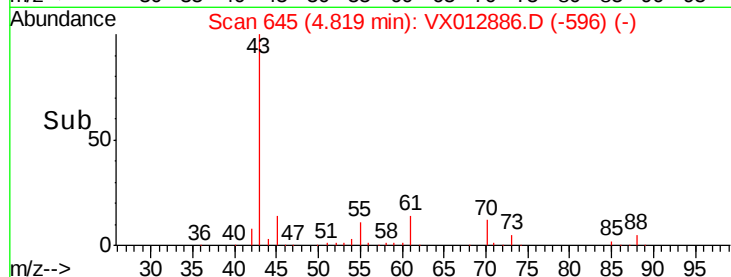
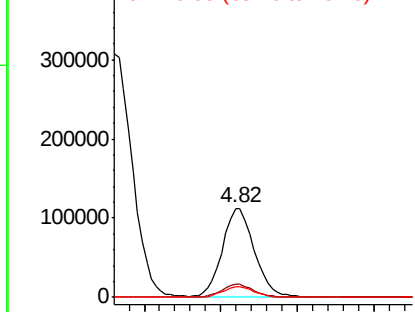
#37
Ethyl Acetate
Concen: 93.537 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 324814
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.0
70 12.2 9.8 14.6

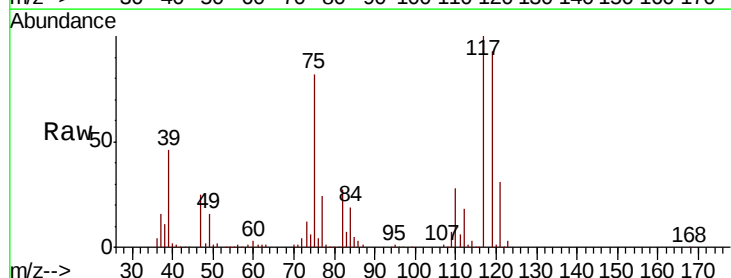


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

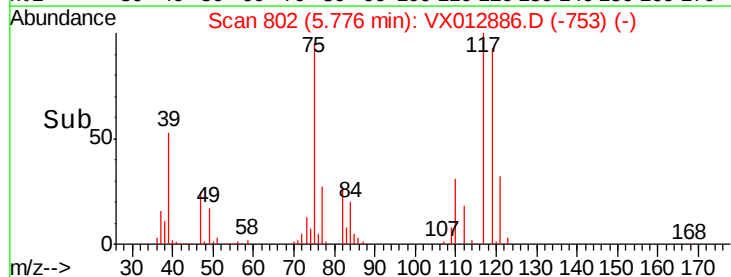
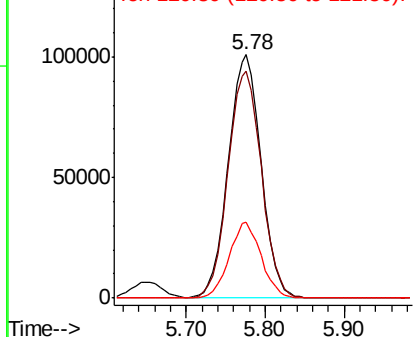


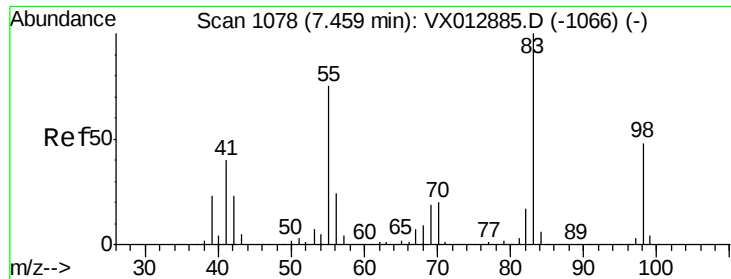
#38
Carbon Tetrachloride
Concen: 96.363 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 117 Resp: 291724
Ion Ratio Lower Upper
117 100
119 93.1 74.5 111.7
121 31.3 24.2 36.4



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

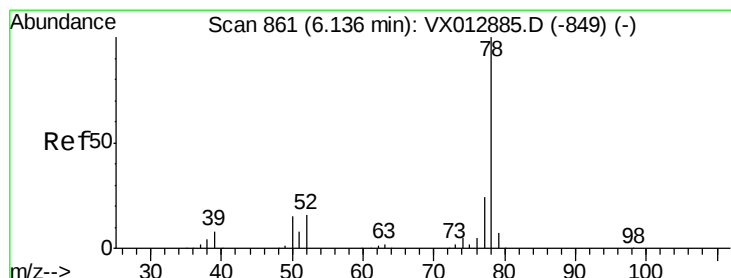
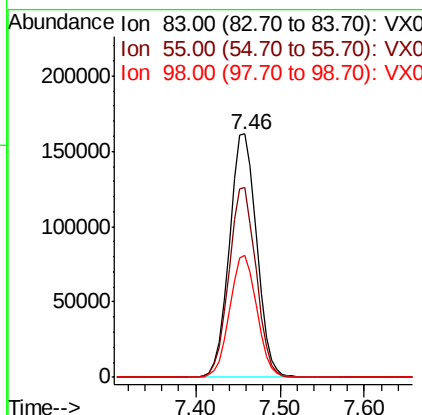
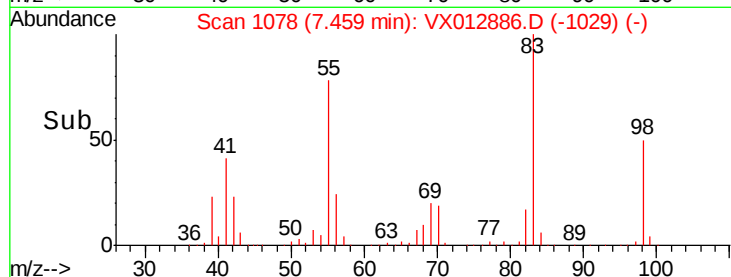
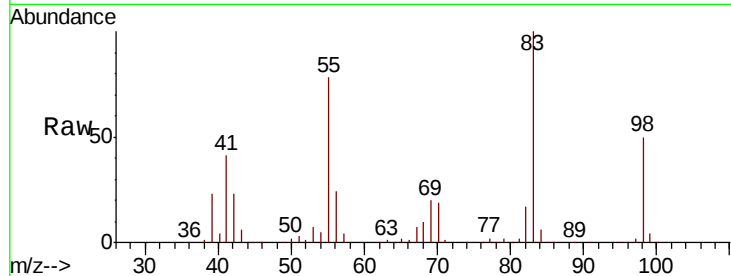




#39
Methylvlcyclohexane
Concen: 97.467 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

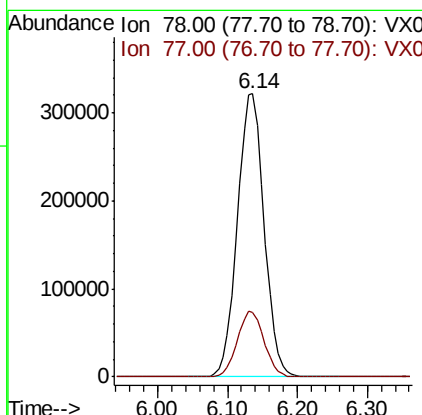
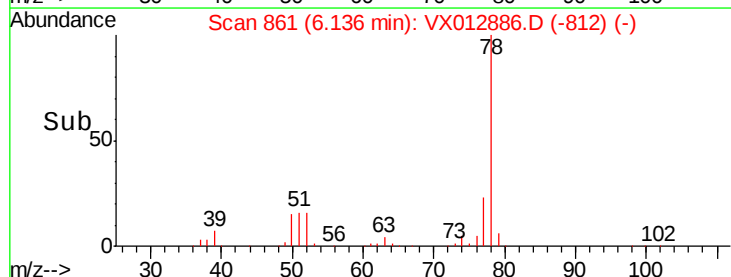
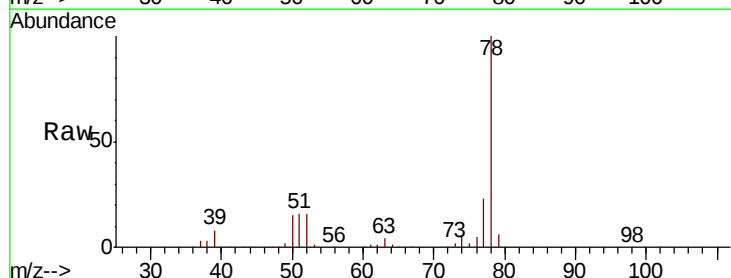
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

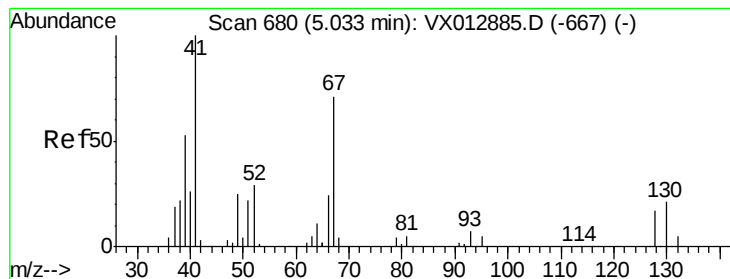
Tot Ion: 83 Resp: 354317
Ion Ratio Lower Upper
83 100
55 77.8 60.2 90.4
98 50.0 38.5 57.7



#40
Benzene
Concen: 96.541 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 78 Resp: 852087
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41

Methacrylonitrile

Concen: 93.440 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 181334

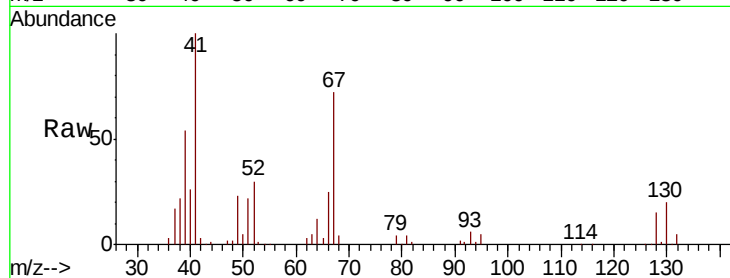
Ion Ratio Lower Upper

41 100

39 53.7 44.0 66.0

67 71.1 58.5 87.7

52 29.3 23.8 35.8

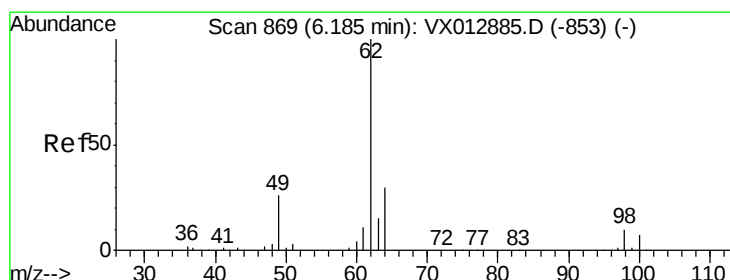
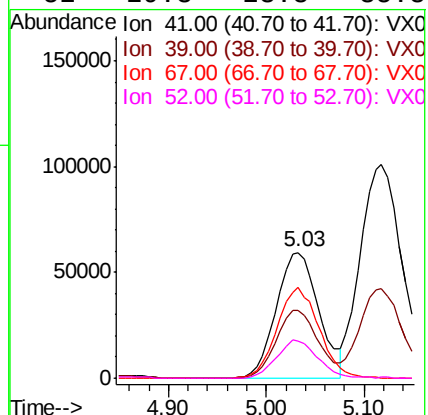
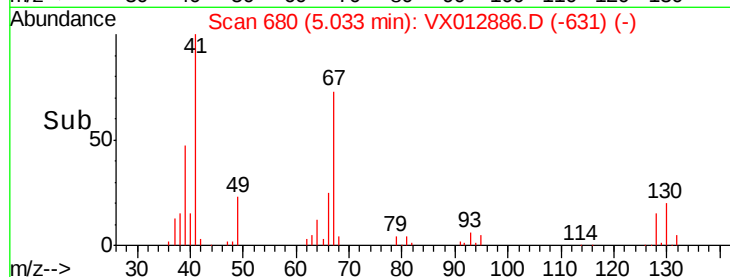


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 91.616 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012886.D

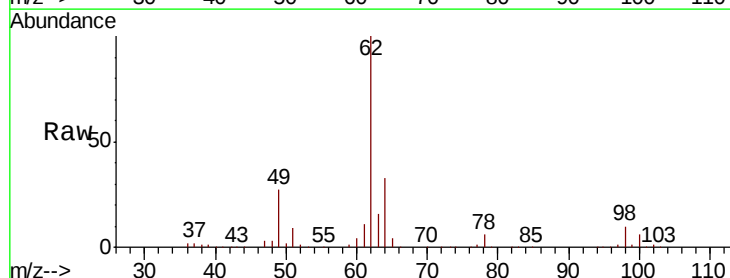
Acq: 08 Oct 2019 12:37

Tgt Ion: 62 Resp: 304377

Ion Ratio Lower Upper

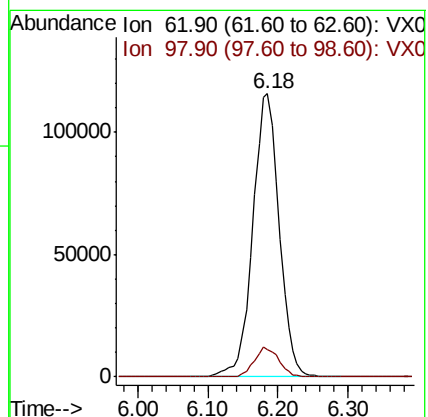
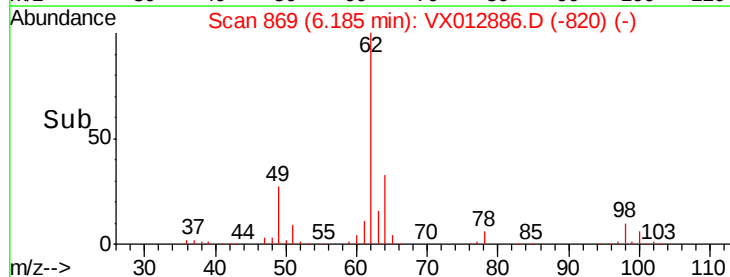
62 100

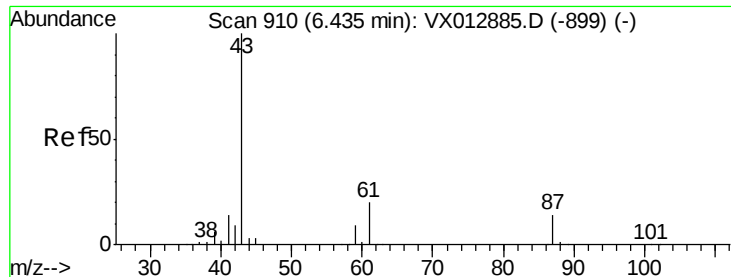
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 92.321 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

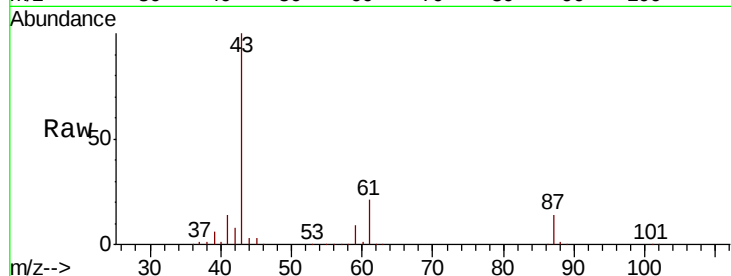
Tot Ion: 43 Resp: 534961

Ion Ratio Lower Upper

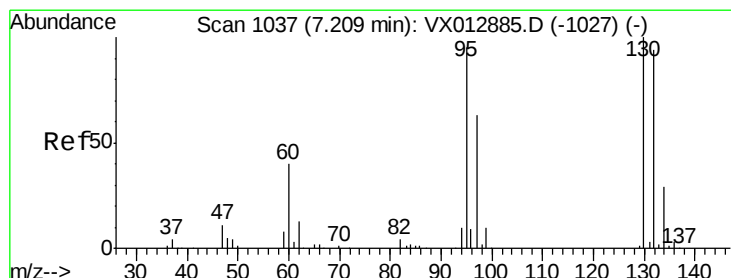
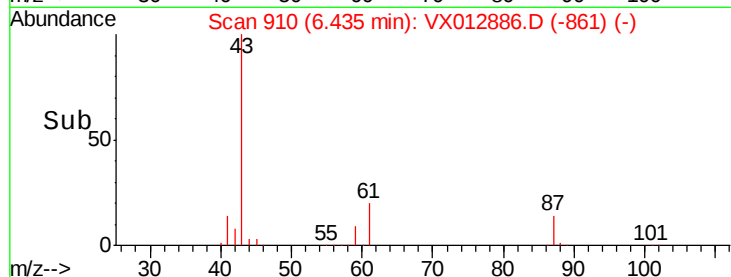
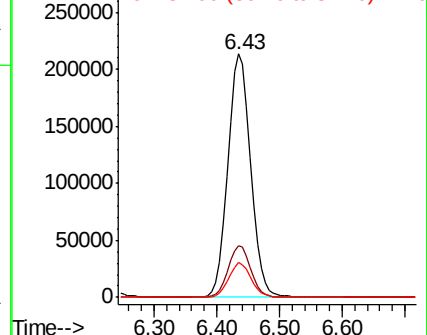
43 100

61 21.0 16.6 24.8

87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 99.003 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX012886.D

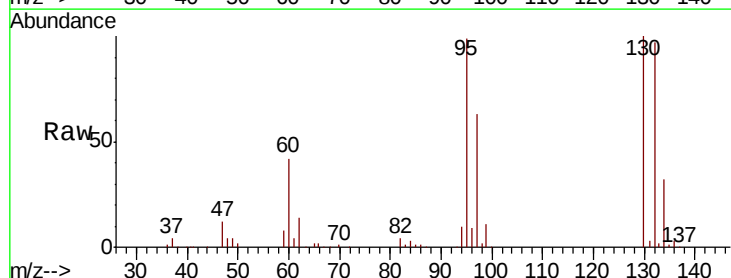
Acq: 08 Oct 2019 12:37

Tgt Ion:130 Resp: 224969

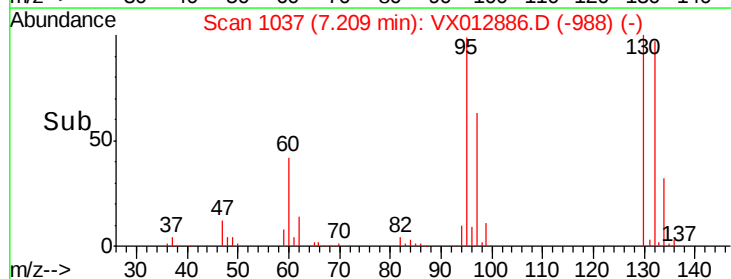
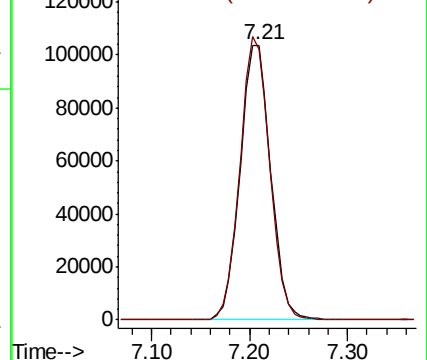
Ion Ratio Lower Upper

130 100

95 98.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

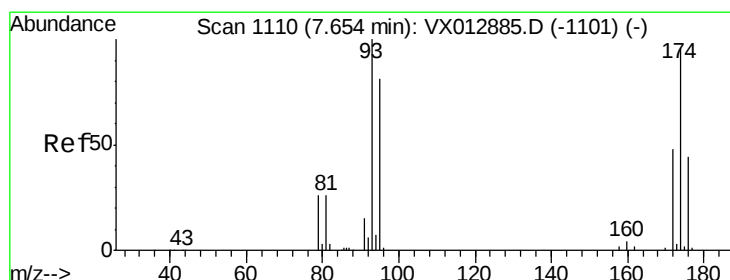
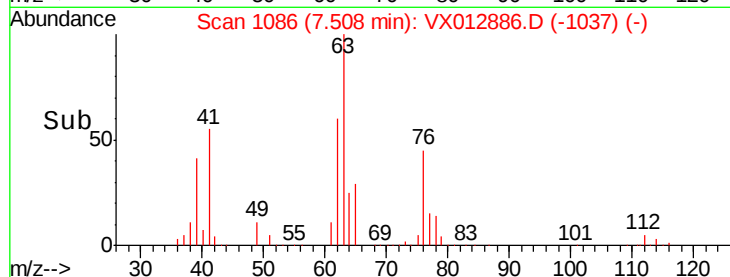
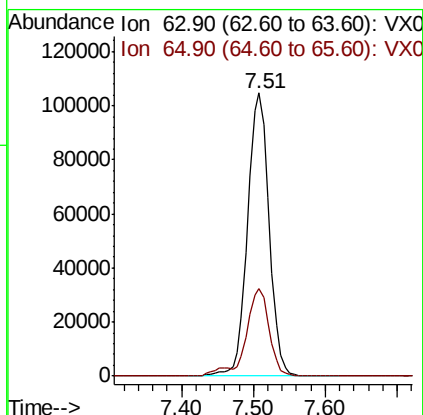
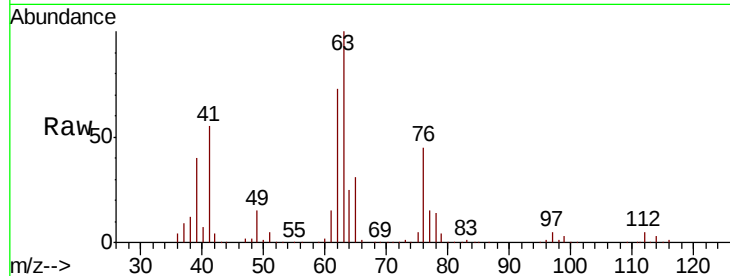




#45
 1,2-Dichloropropane
 Concen: 96.310 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

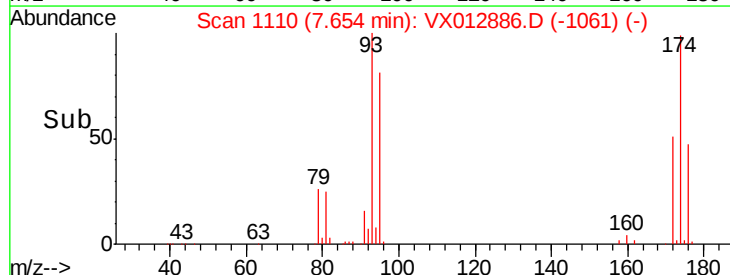
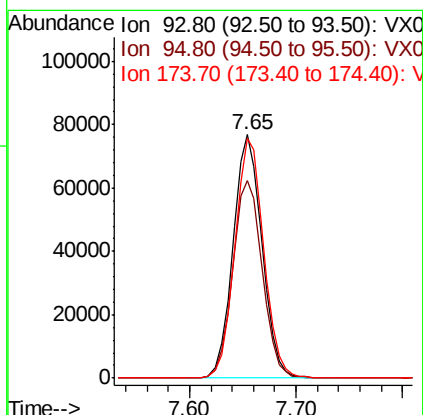
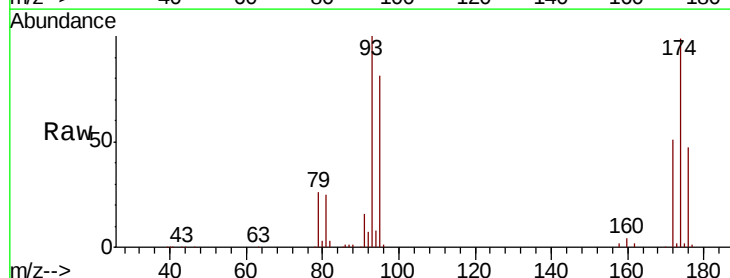
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

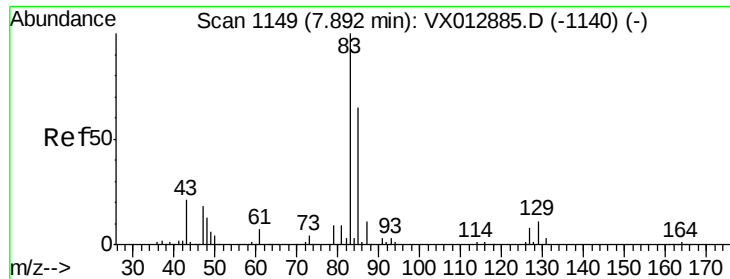
Tot Ion: 63 Resp: 217605
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 37.0



#46
 Dibromomethane
 Concen: 95.148 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

Tgt Ion: 93 Resp: 146161
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.3 99.5
 174 98.8 77.8 116.6





#47

Bromodichloromethane

Concen: 97.001 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

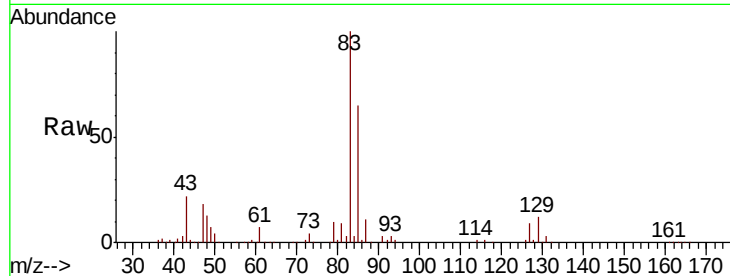
Tot Ion: 83 Resp: 296330

Ion Ratio Lower Upper

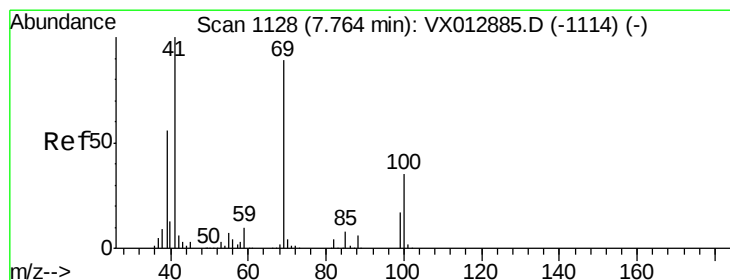
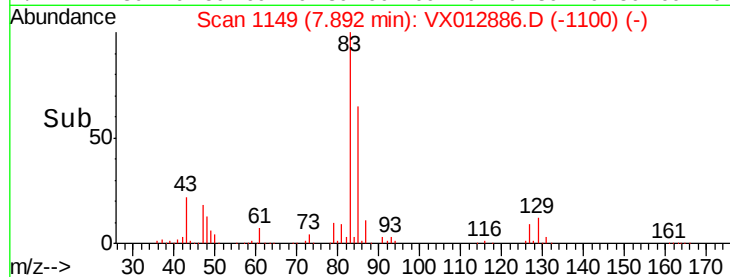
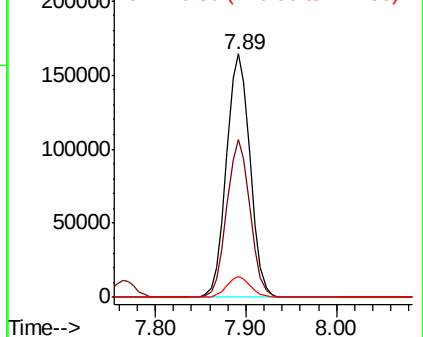
83 100

85 64.7 52.4 78.6

127 8.8 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 94.059 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

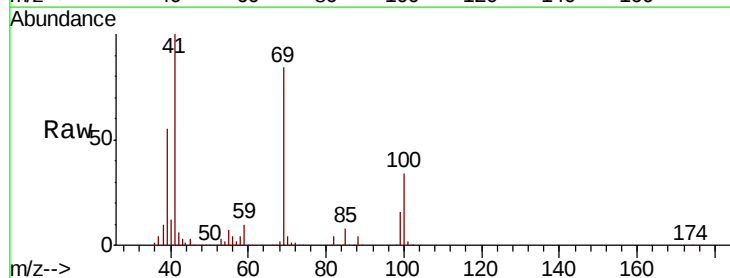
Tgt Ion: 41 Resp: 261060

Ion Ratio Lower Upper

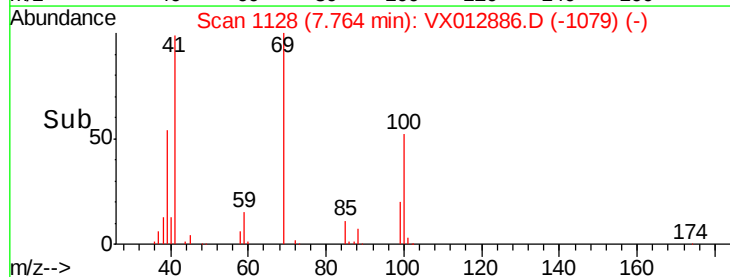
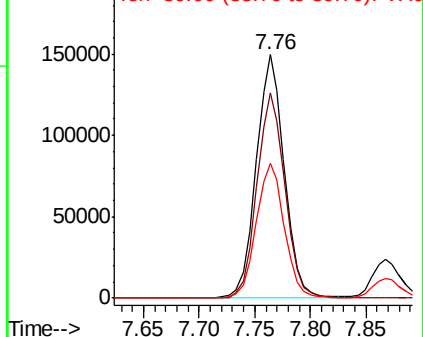
41 100

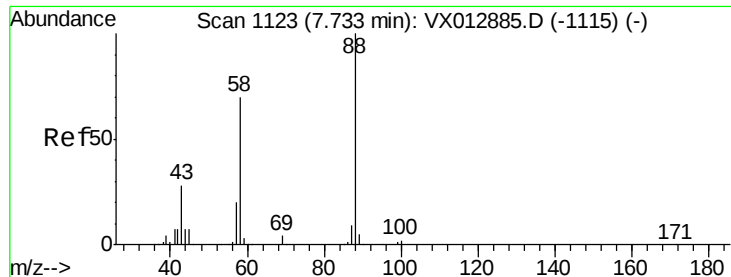
69 84.6 68.7 103.1

39 56.0 44.3 66.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

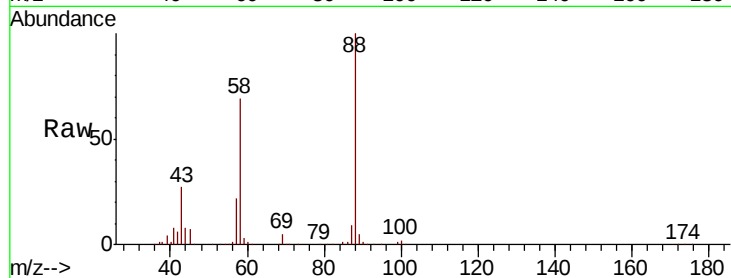




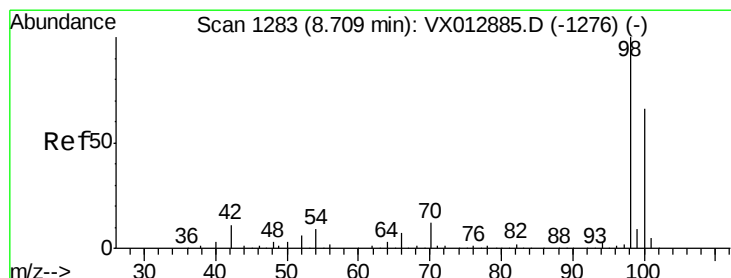
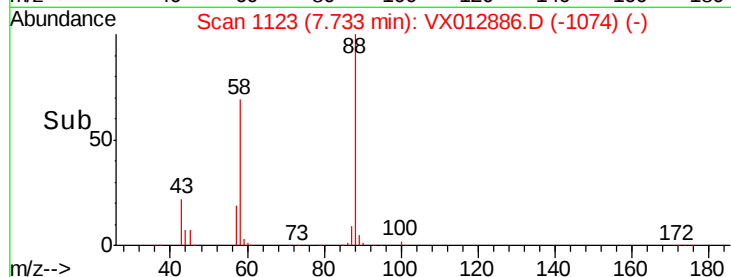
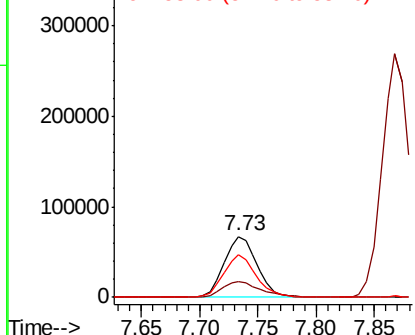
#49
1,4-Dioxane
Concen: 2040.716 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 130169
Ion Ratio Lower Upper
88 100
43 31.1 25.0 37.6
58 70.0 55.4 83.2

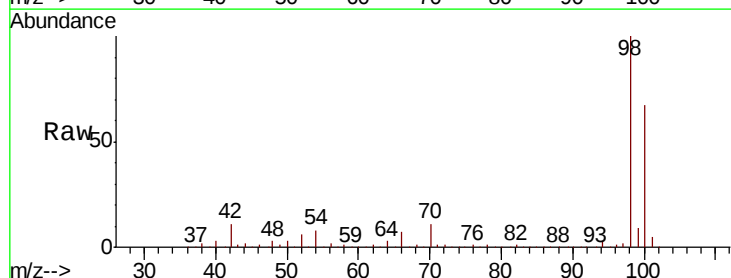


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

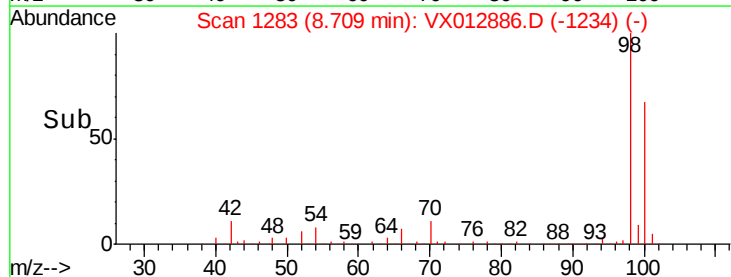
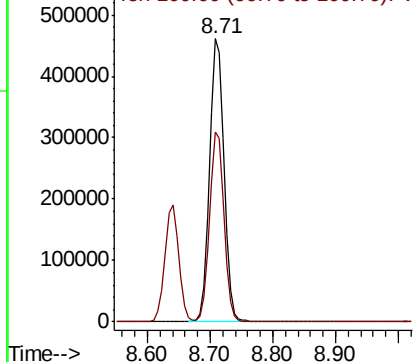


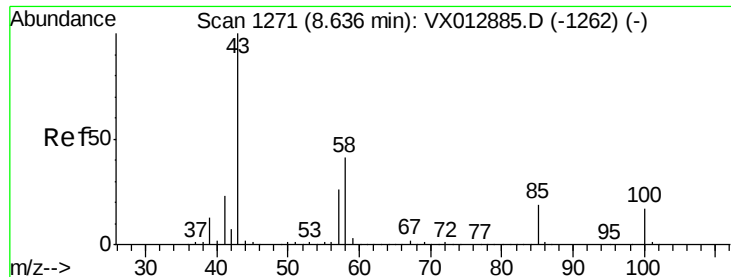
#50
Toluene-d8
Concen: 102.396 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 98 Resp: 735392
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

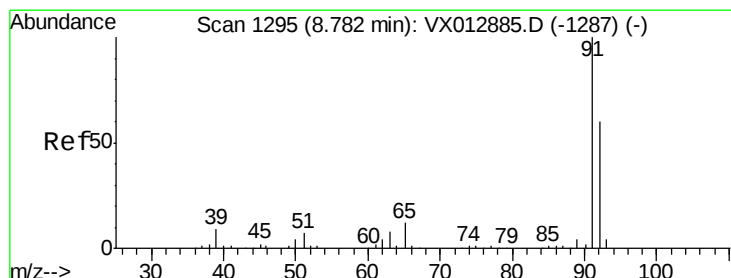
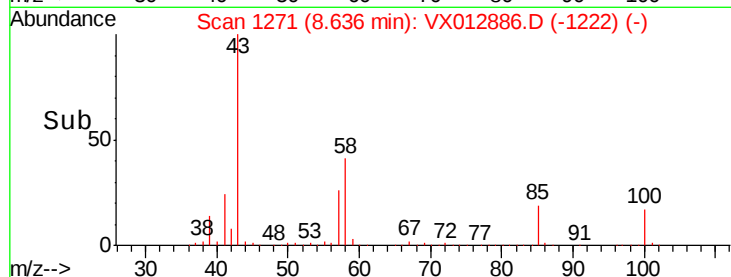
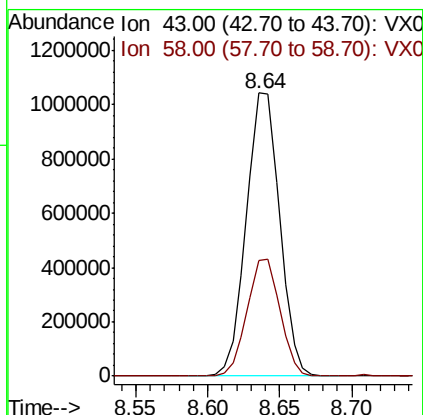
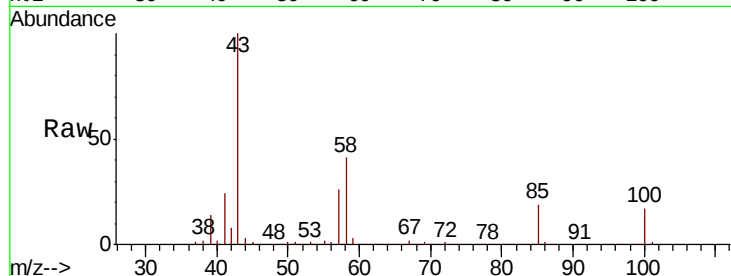




#51
4-Methyl-2-Pentanone
Concen: 467.917 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

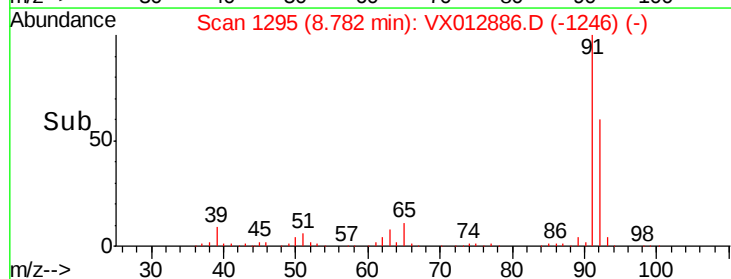
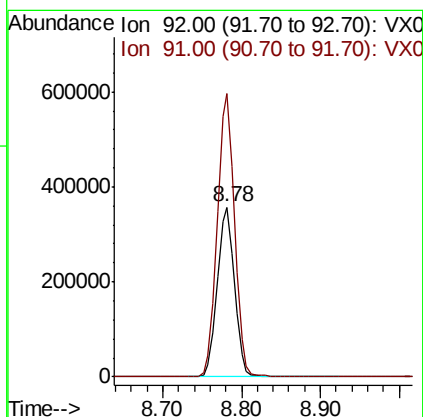
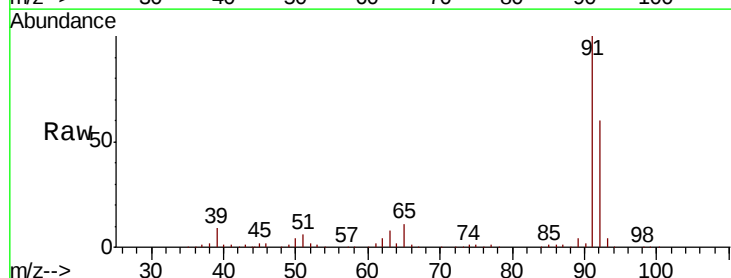
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

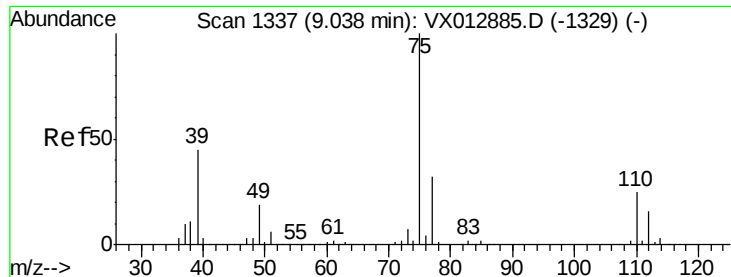
Tot Ion: 43 Resp: 1673869
Ion Ratio Lower Upper
43 100
58 40.9 32.4 48.6



#52
Toluene
Concen: 98.542 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 92 Resp: 546368
Ion Ratio Lower Upper
92 100
91 167.0 135.9 203.9

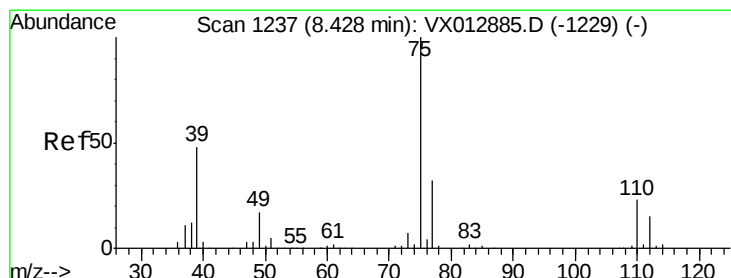
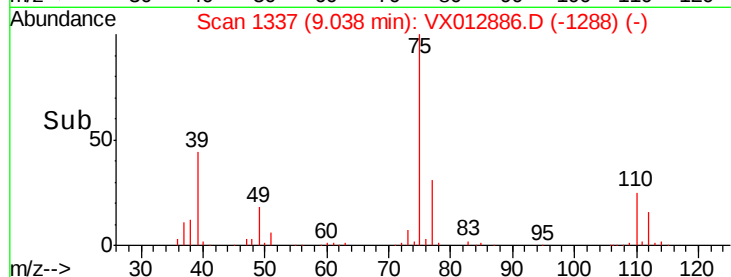
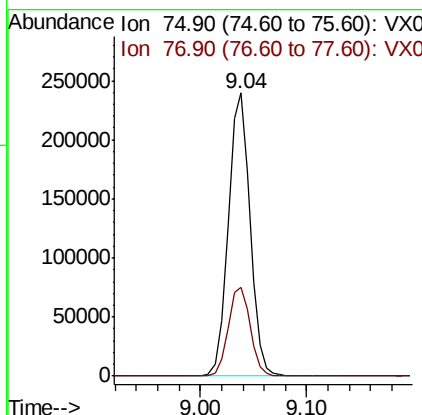
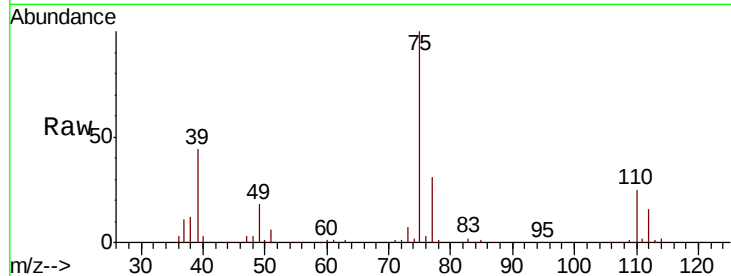




#53
t-1,3-Dichloropropene
Concen: 101.229 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

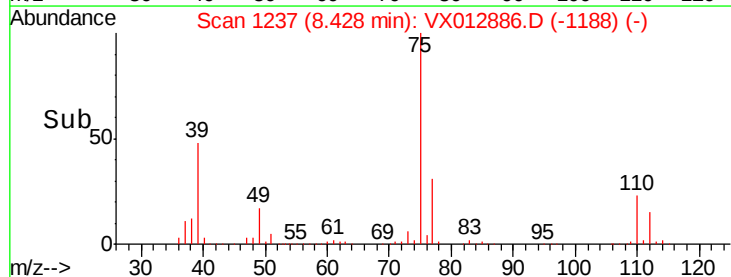
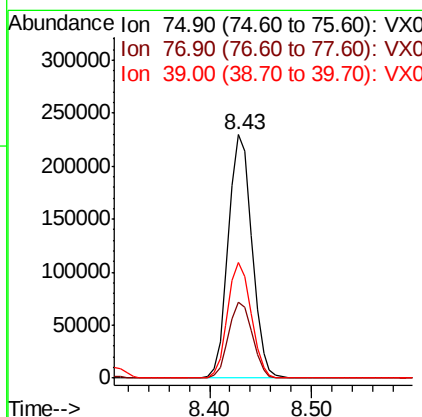
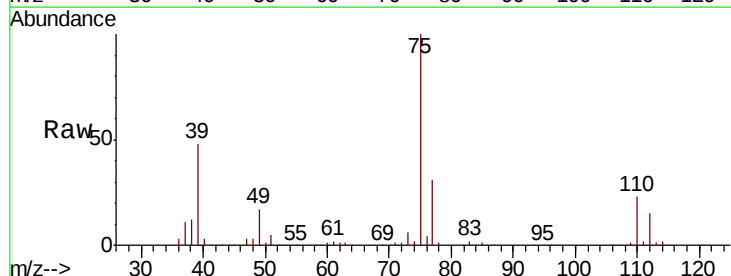
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

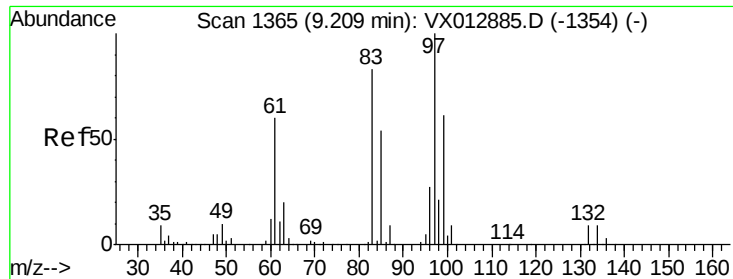
Tot Ion: 75 Resp: 342487
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 99.255 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 75 Resp: 367176
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 47.6 38.2 57.2

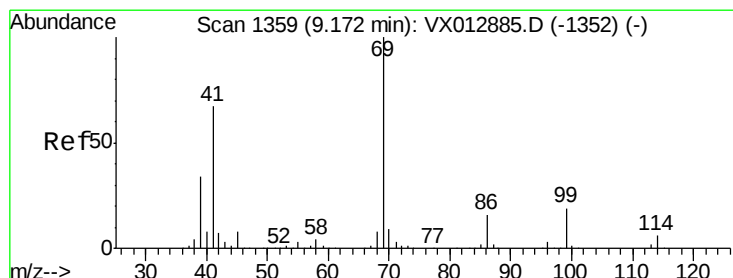
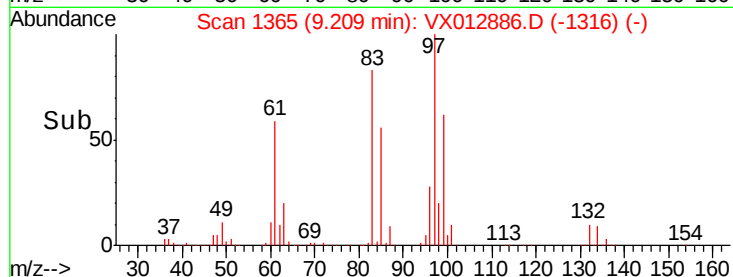
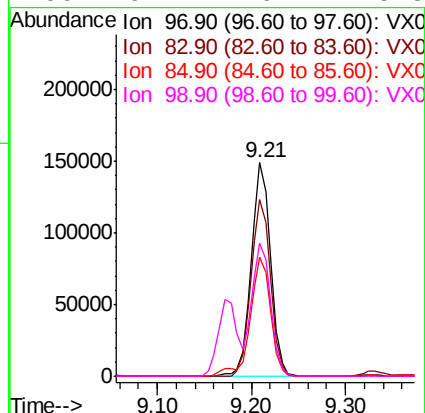
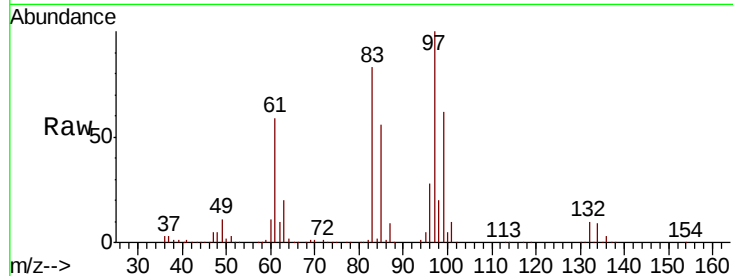




#55
 1,1,2-Trichloroethane
 Concen: 97.327 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

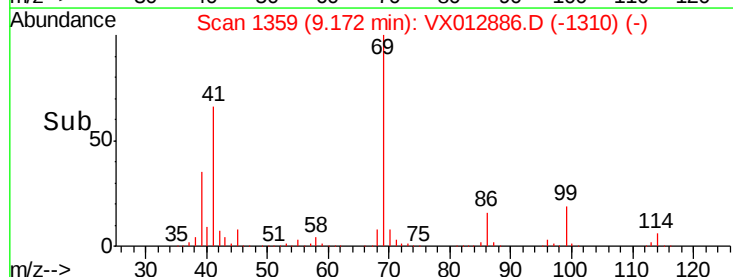
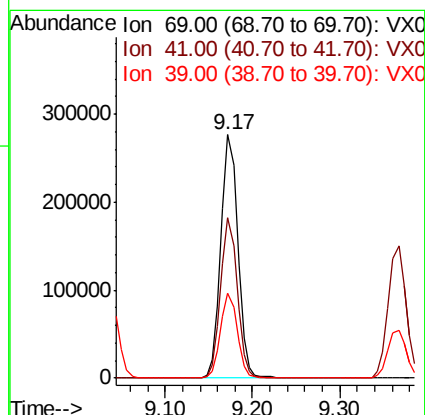
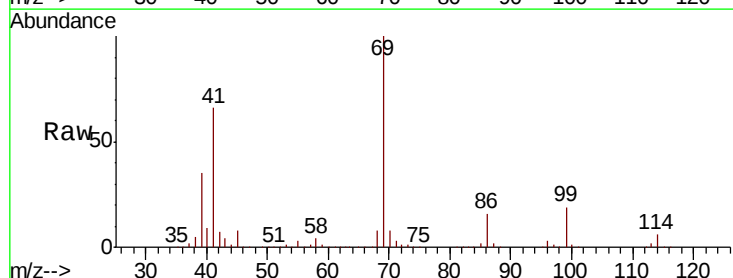
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

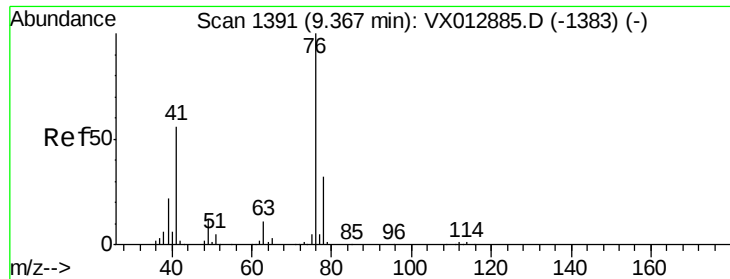
Tot Ion:	97	Resp:	214499
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.5	99.7
85	55.9	43.1	64.7
99	62.2	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 100.925 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

Tgt Ion:	69	Resp:	372669
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.1	78.1
39	34.4	27.8	41.8





#57

1,3-Dichloropropane

Concen: 96.669 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

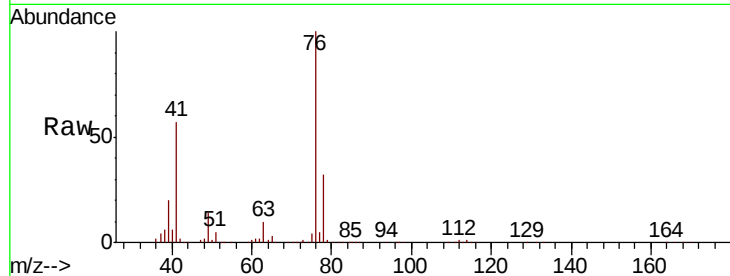
VSTDIC100

Tot Ion: 76 Resp: 372623

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

250000

200000

150000

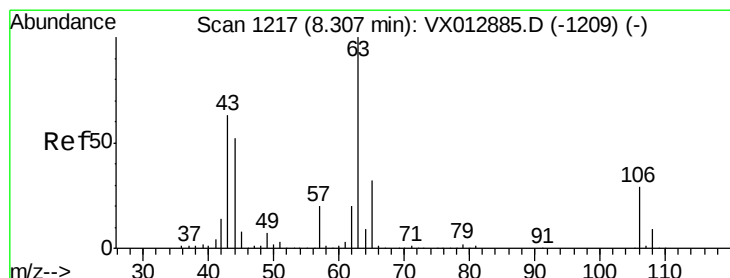
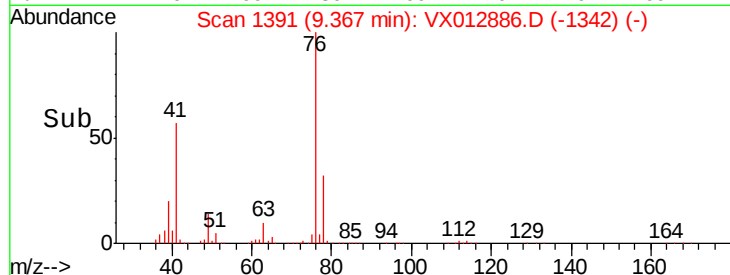
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 493.912 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012886.D

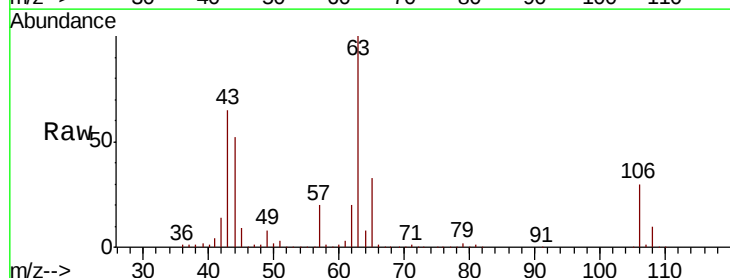
Acq: 08 Oct 2019 12:37

Tgt Ion: 63 Resp: 813392

Ion Ratio Lower Upper

63 100

106 30.0 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

600000

500000

400000

300000

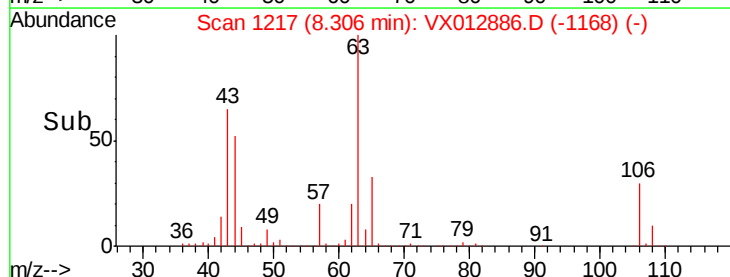
200000

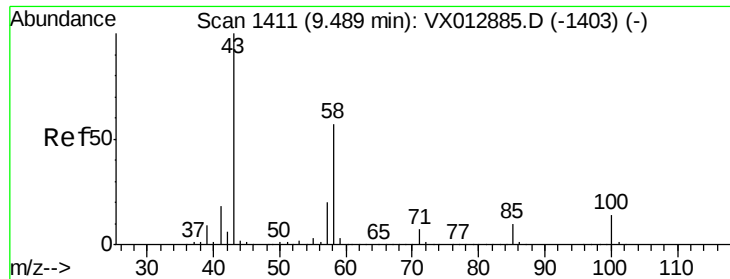
100000

0

8.20 8.30 8.40

Time-->

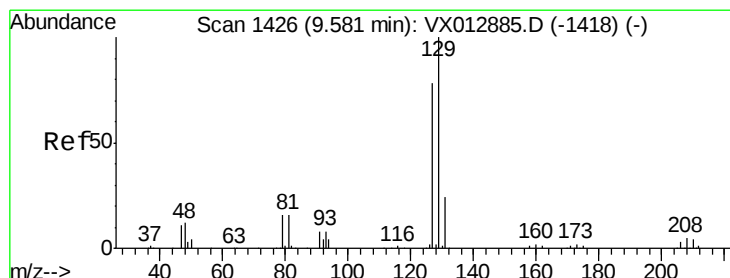
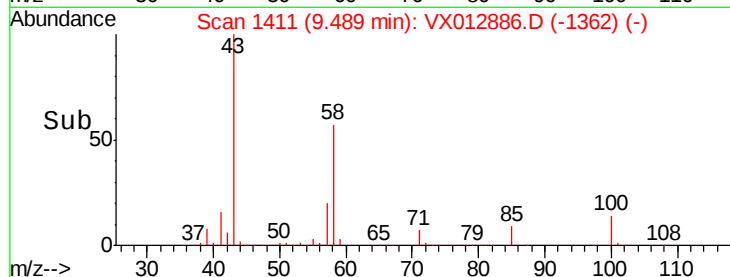
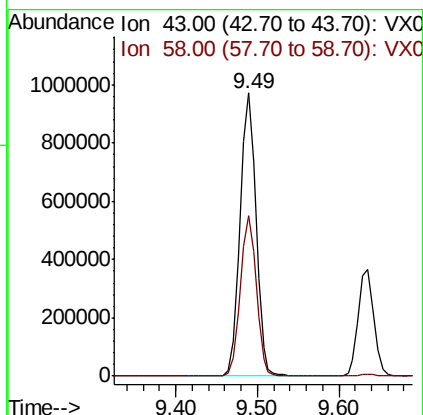
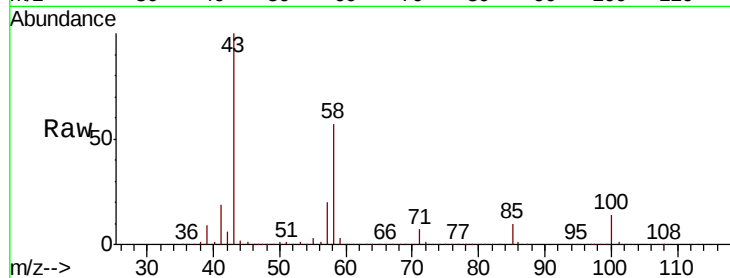




#59
2-Hexanone
Concen: 477.042 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

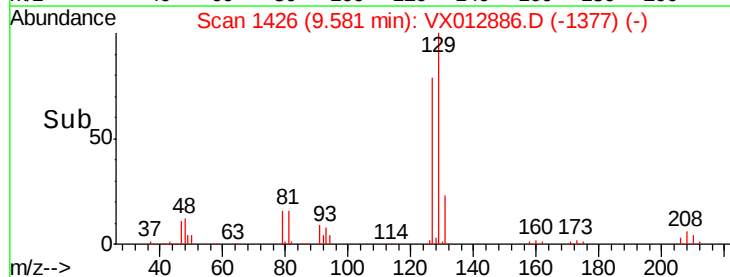
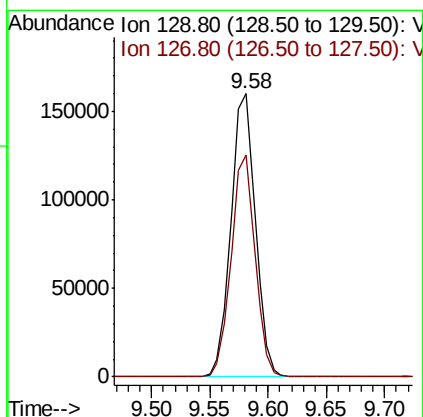
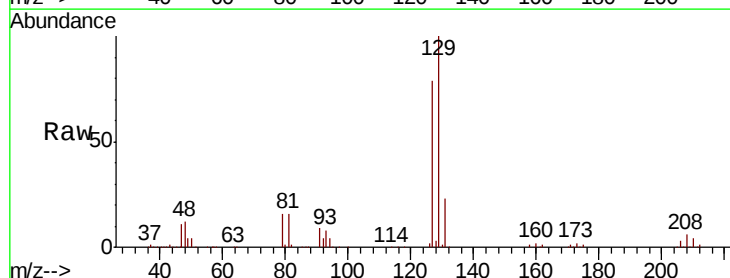
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

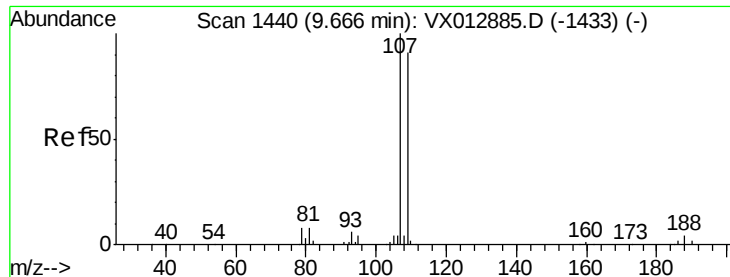
Tot Ion: 43 Resp: 1303549
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 105.272 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion:129 Resp: 235082
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 101.517 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

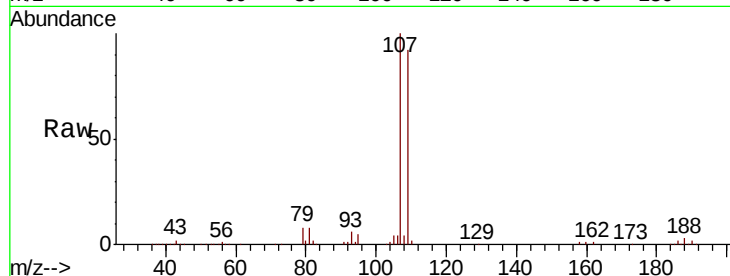
VSTDIC100

Tot Ion:107 Resp: 232868

Ion Ratio Lower Upper

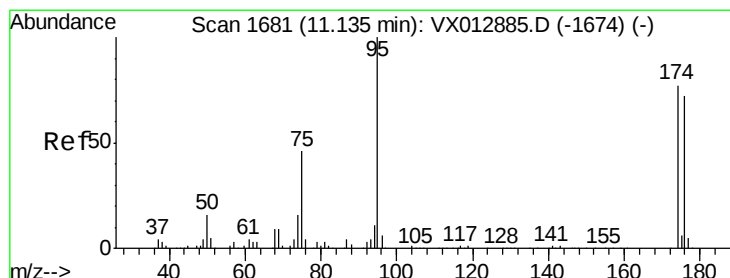
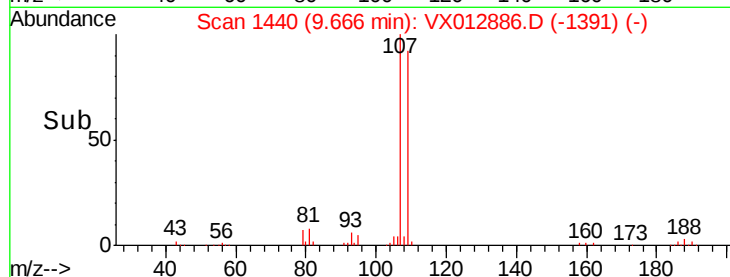
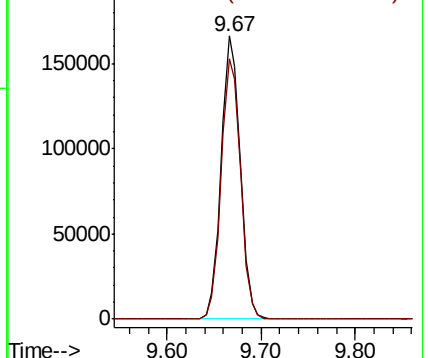
107 100

109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 104.347 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

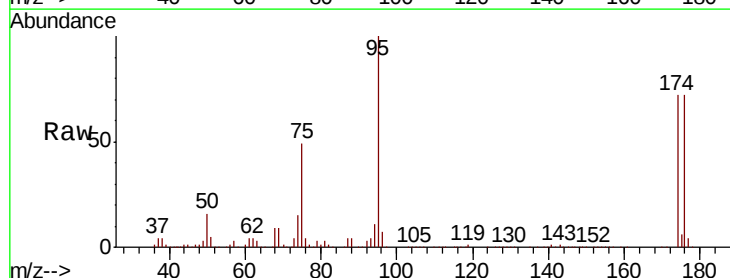
Tgt Ion: 95 Resp: 294537

Ion Ratio Lower Upper

95 100

174 70.3 0.0 143.4

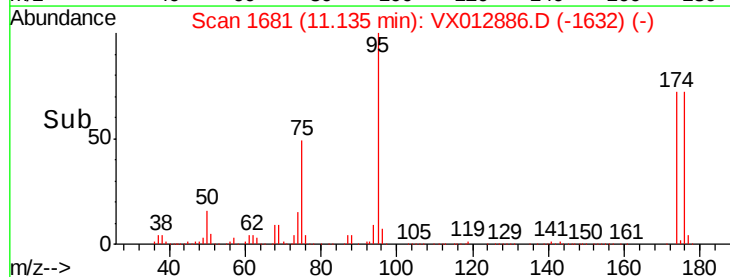
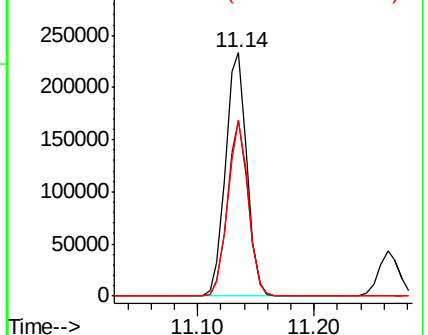
176 69.6 0.0 136.0

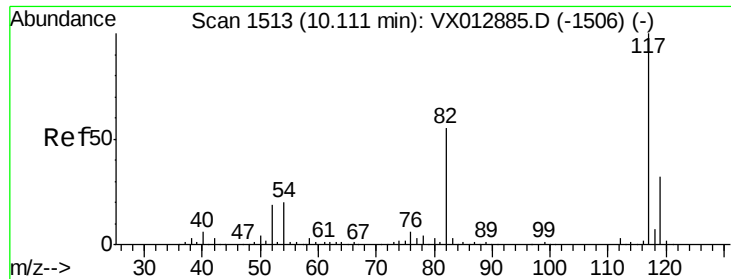


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

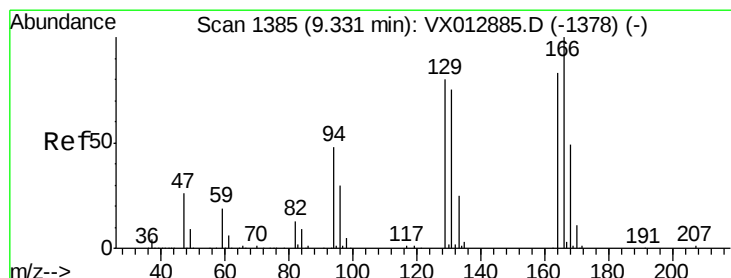
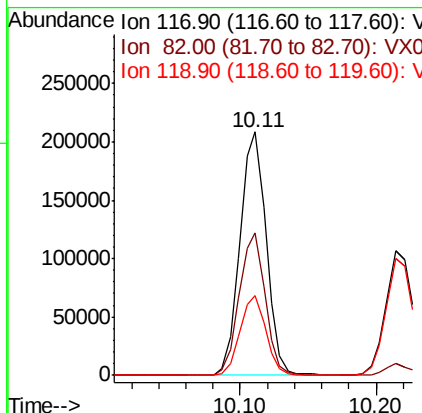
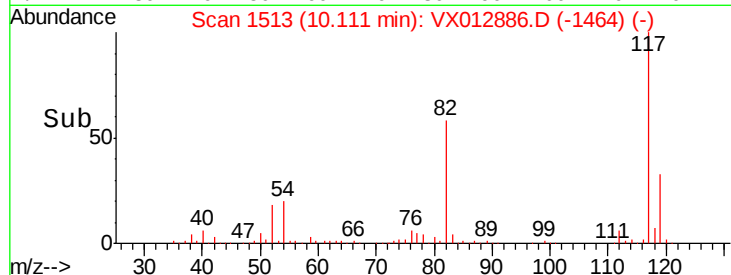
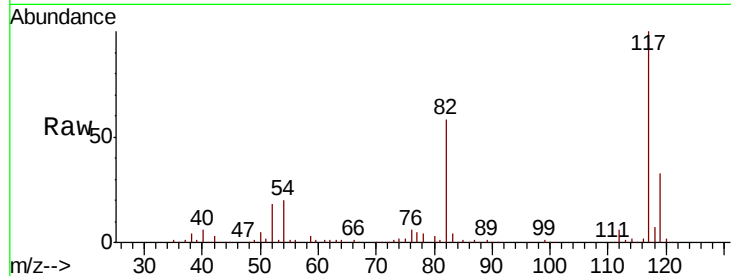




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

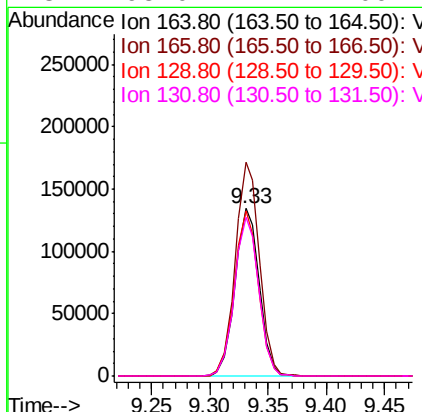
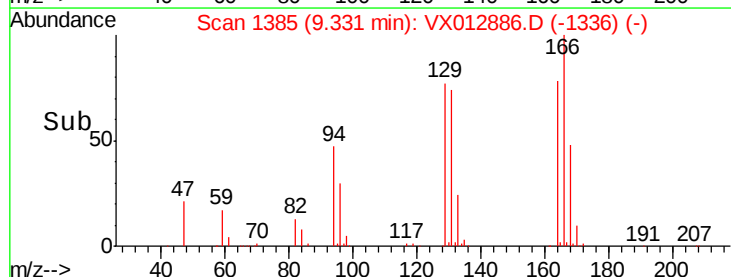
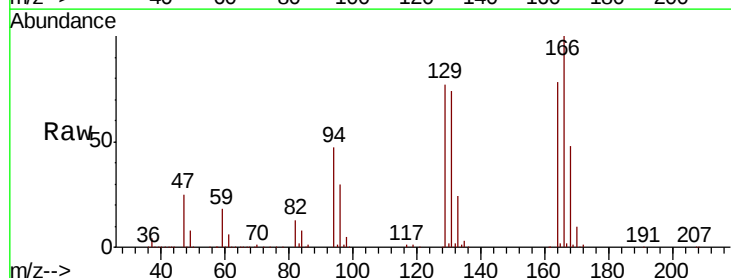
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

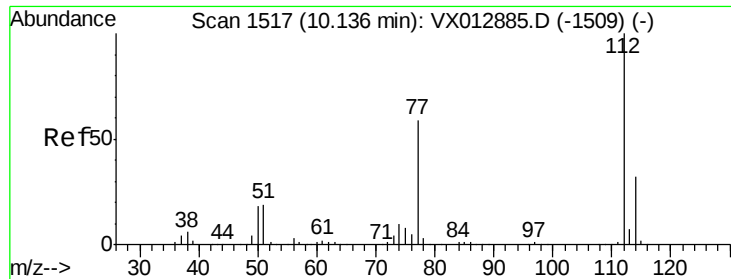
Tot Ion:117 Resp: 281152
Ion Ratio Lower Upper
117 100
82 58.3 44.1 66.1
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 97.927 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion:164 Resp: 194655
Ion Ratio Lower Upper
164 100
166 127.8 96.9 145.3
129 98.5 77.9 116.9
131 95.0 72.7 109.1





#65

Chlorobenzene

Concen: 97.043 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

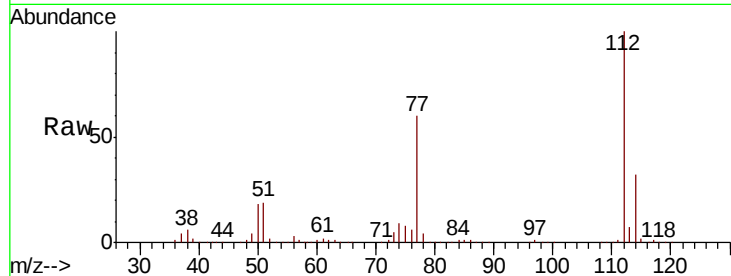
VSTDIC100

Tot Ion:112 Resp: 576015

Ion Ratio Lower Upper

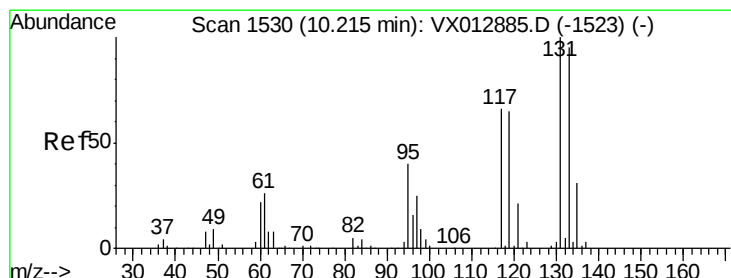
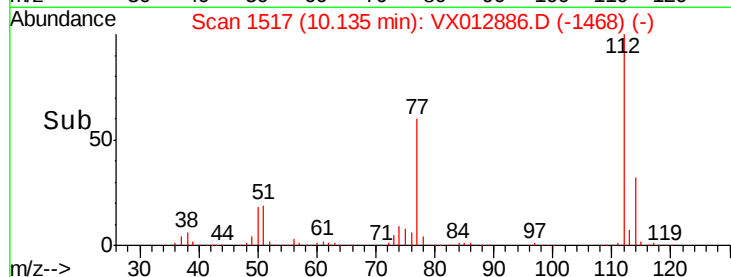
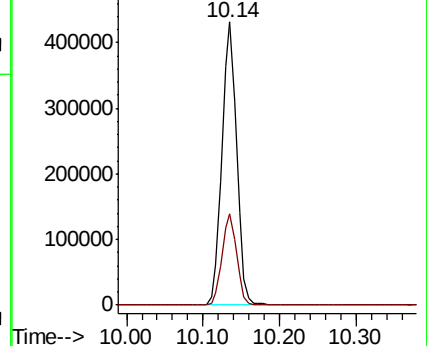
112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 100.709 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

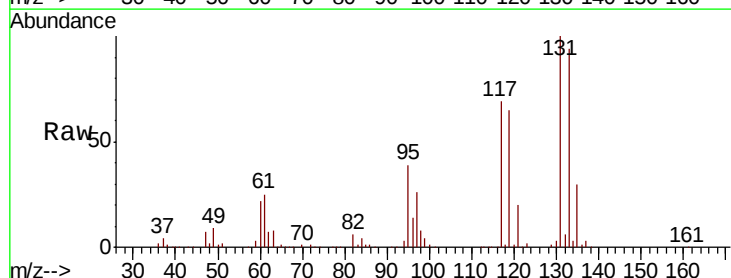
Tgt Ion:131 Resp: 216527

Ion Ratio Lower Upper

131 100

133 95.0 47.2 141.6

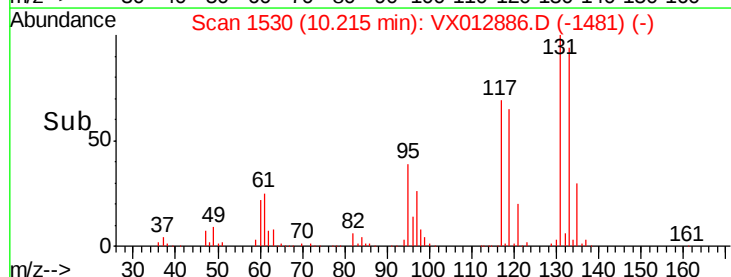
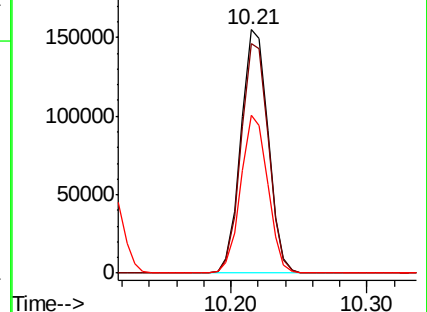
119 64.2 32.6 98.0

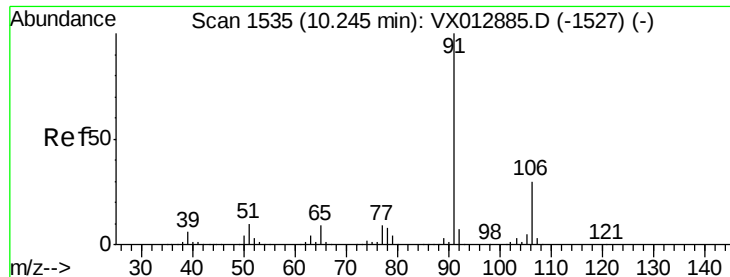


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

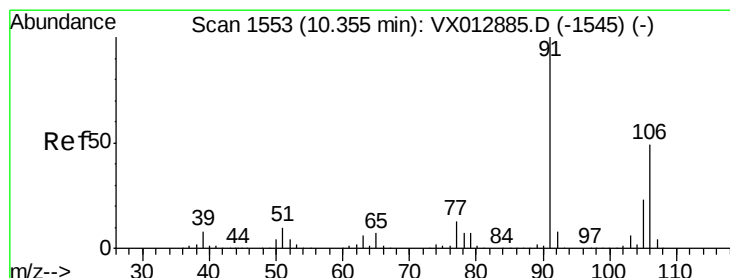
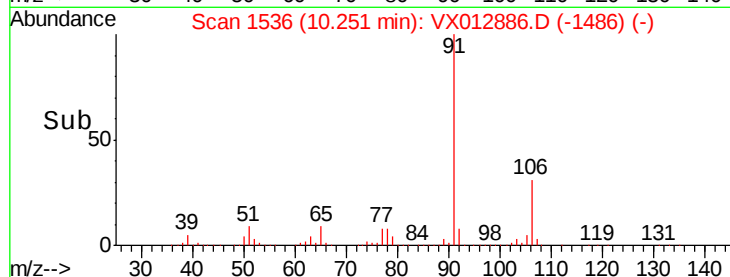
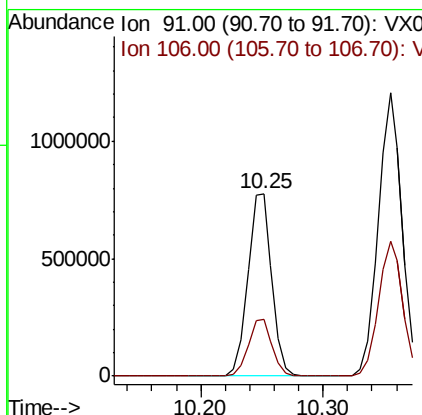
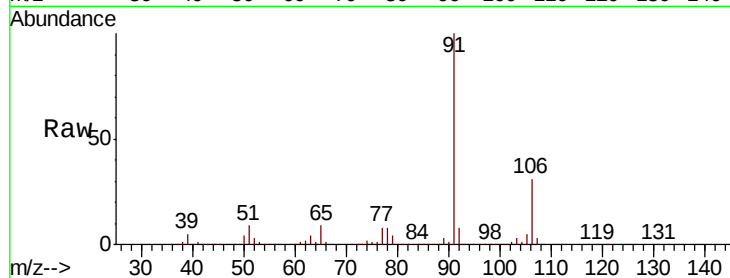




#67
Ethyl Benzene
Concen: 98.158 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

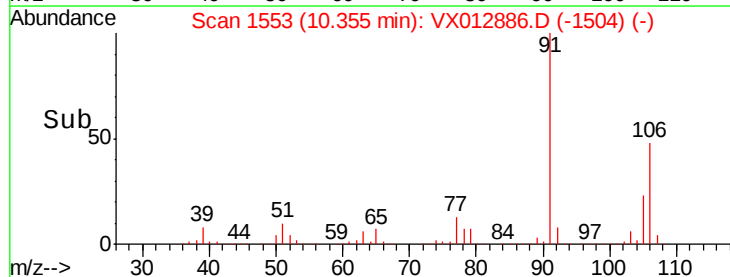
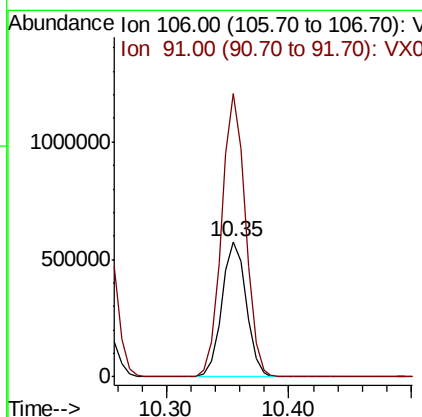
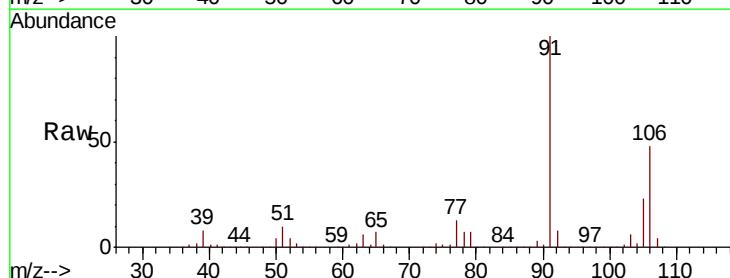
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

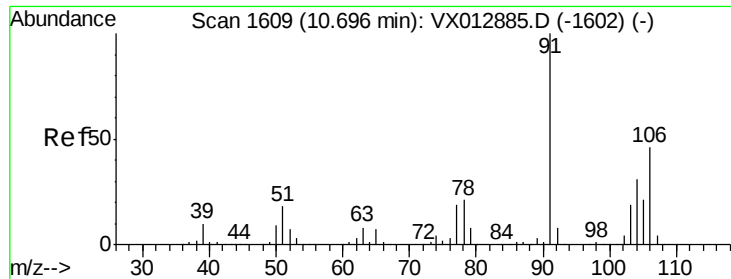
Tot Ion: 91 Resp: 1056331
Ion Ratio Lower Upper
91 100
106 31.3 23.9 35.9



#68
m/p-Xylenes
Concen: 196.424 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 106 Resp: 791182
Ion Ratio Lower Upper
106 100
91 205.7 165.3 247.9

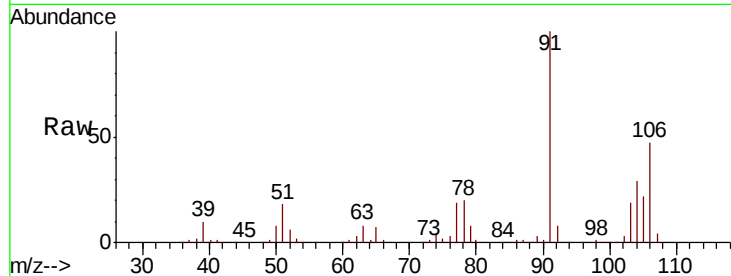




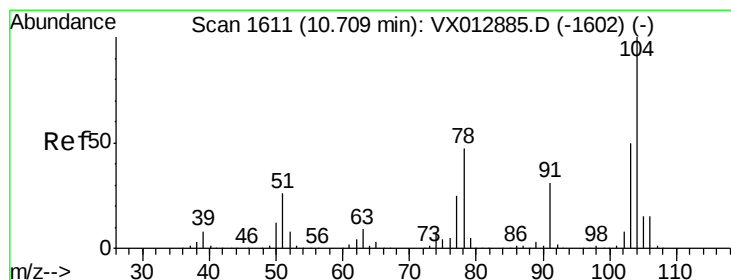
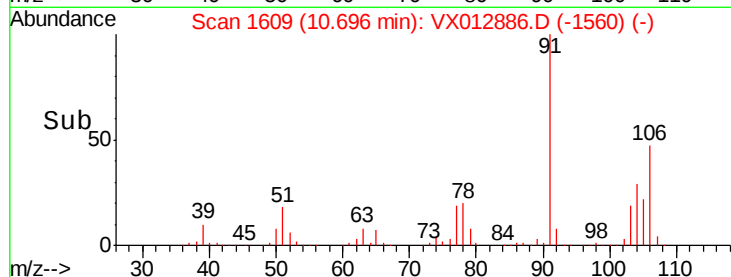
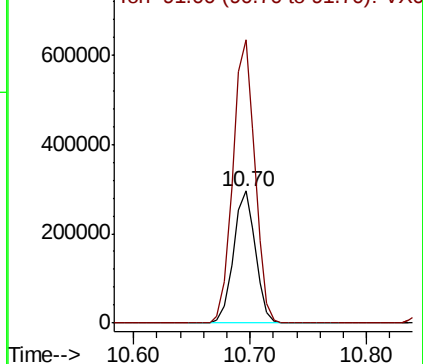
#69
o-Xylene
Concen: 98.999 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 386424
Ion Ratio Lower Upper
106 100
91 216.6 109.1 327.3

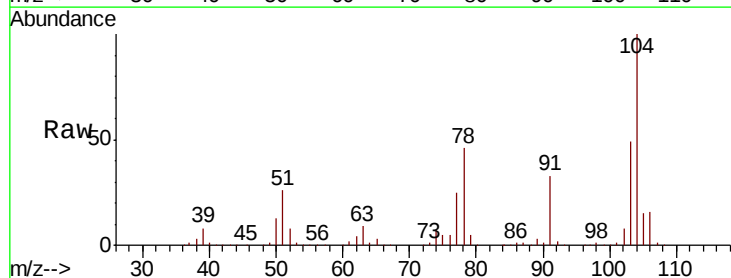


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

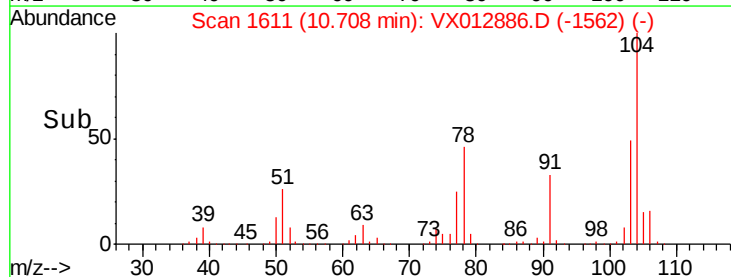
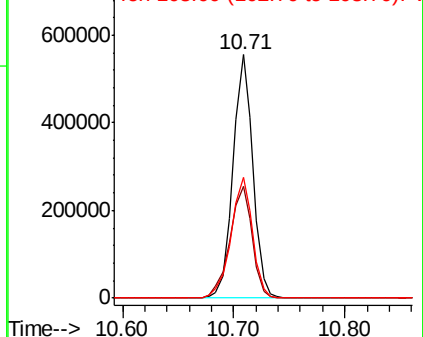


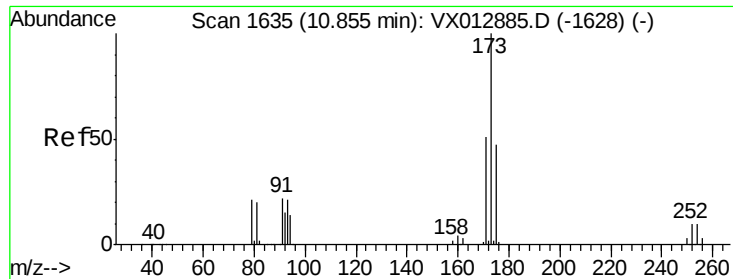
#70
Styrene
Concen: 104.150 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion:104 Resp: 682151
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 53.7 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 113.601 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

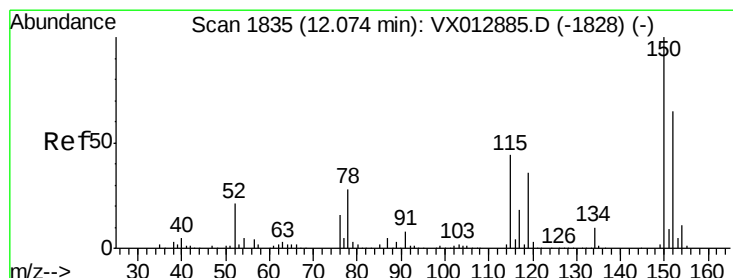
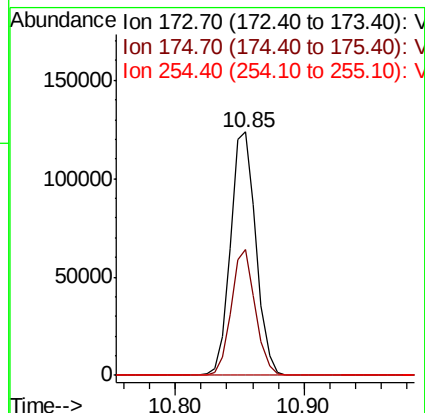
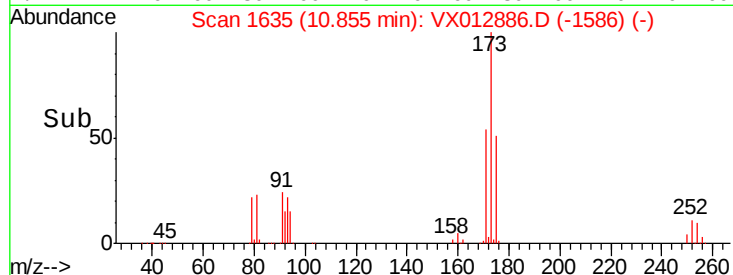
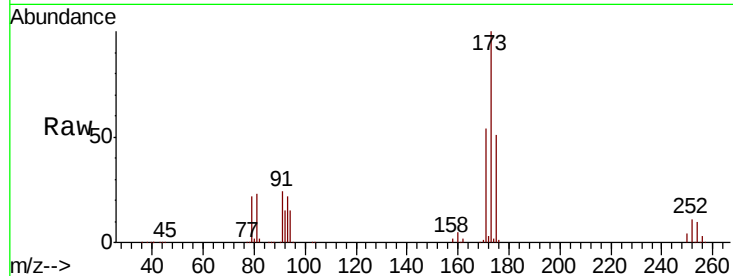
Tot Ion:173 Resp: 171087

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

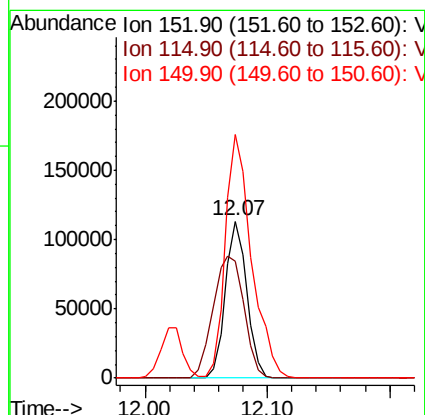
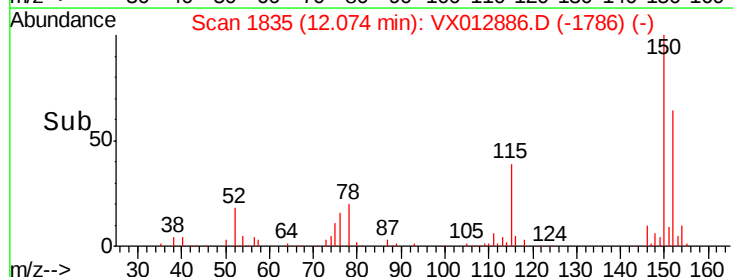
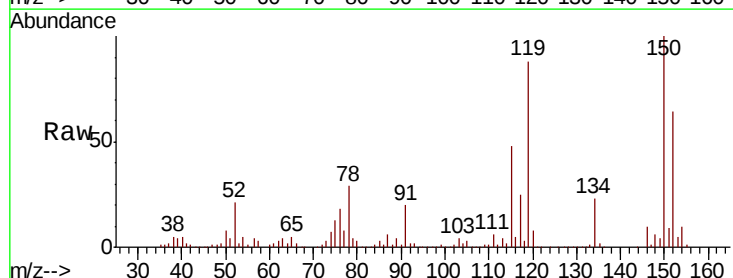
Tgt Ion:152 Resp: 137542

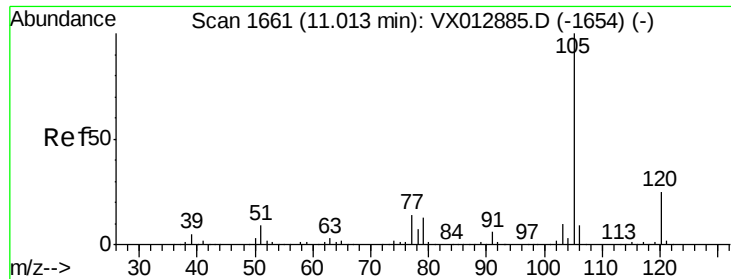
Ion Ratio Lower Upper

152 100

115 112.3 44.5 133.5

150 190.1 0.0 353.4

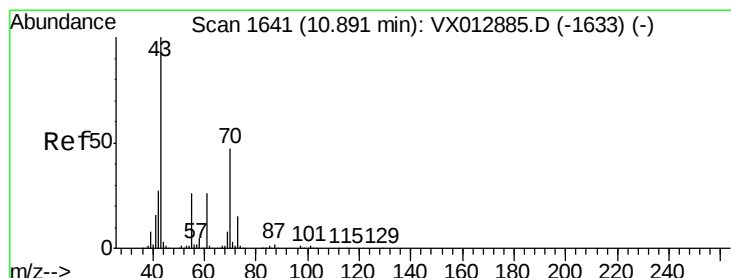
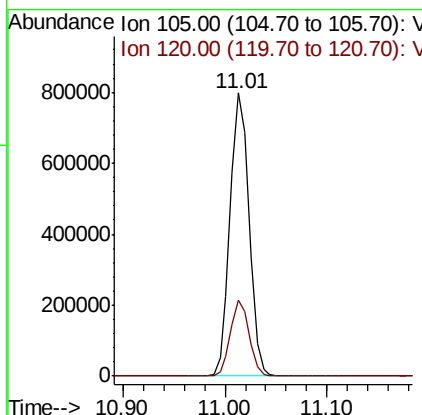
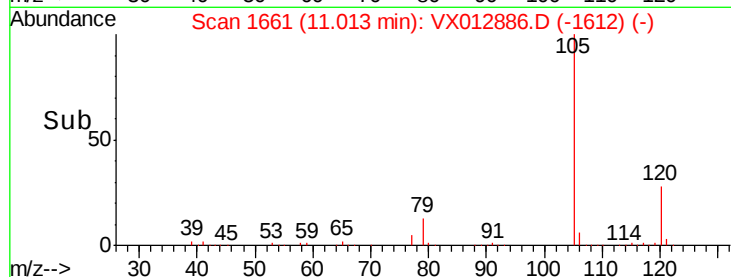
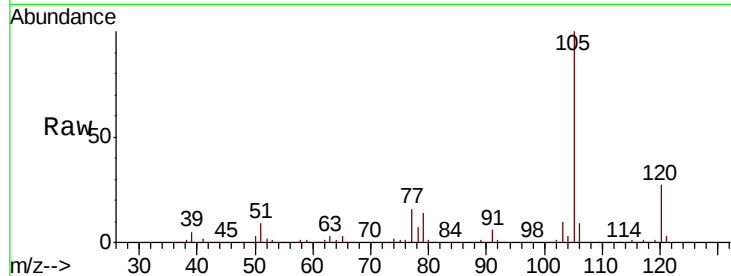




#73
Isopropylbenzene
Concen: 91.280 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

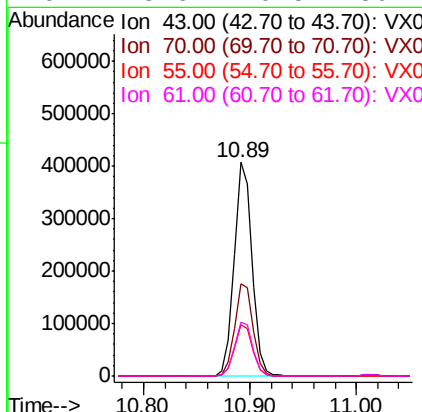
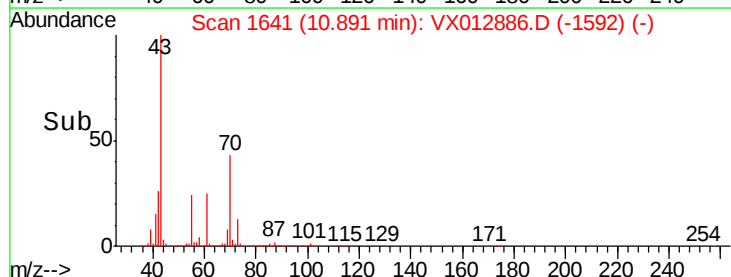
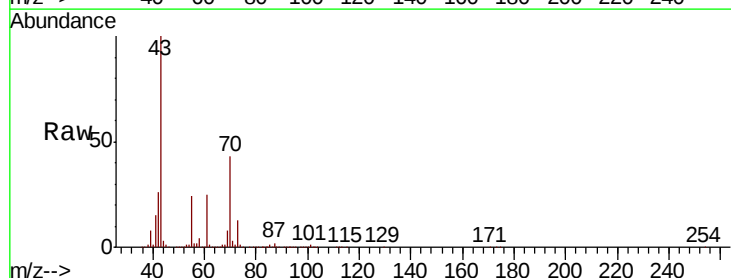
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

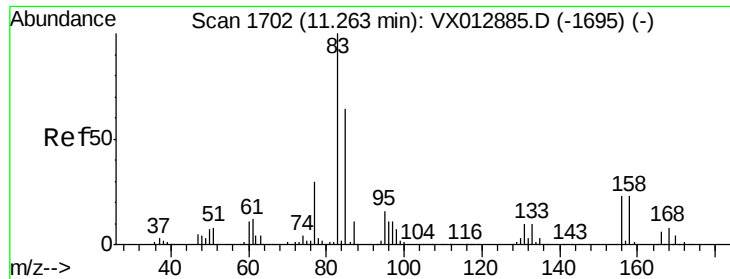
Tot Ion:105 Resp: 1023233
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 91.421 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 480893
Ion Ratio Lower Upper
43 100
70 44.3 36.4 54.6
55 24.3 20.2 30.2
61 25.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 92.289 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

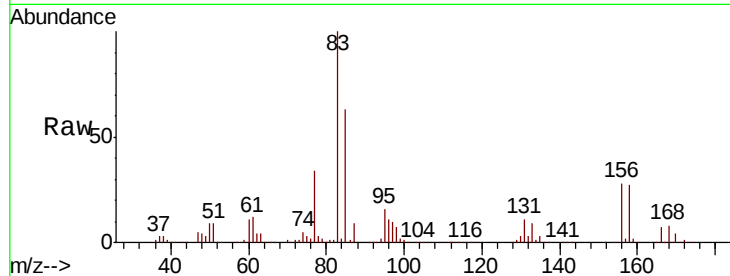
Tot Ion: 83 Resp: 340632

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

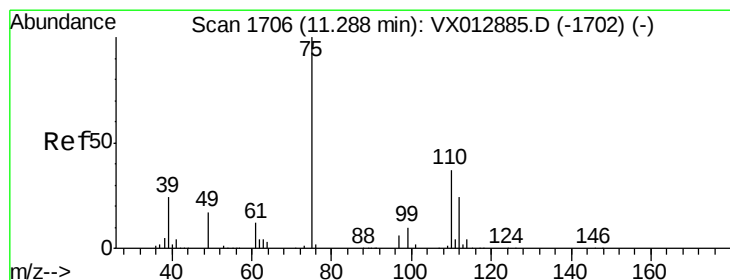
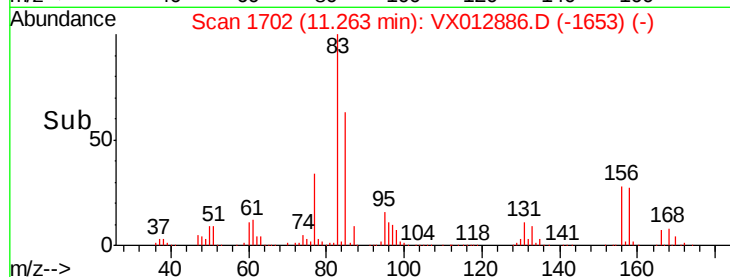
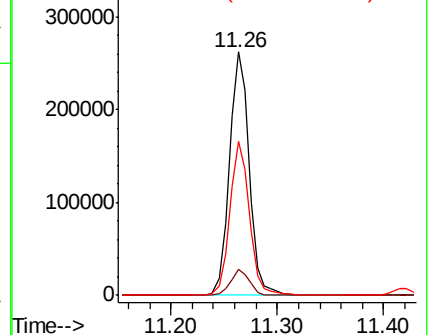
85 62.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 117.508 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012886.D

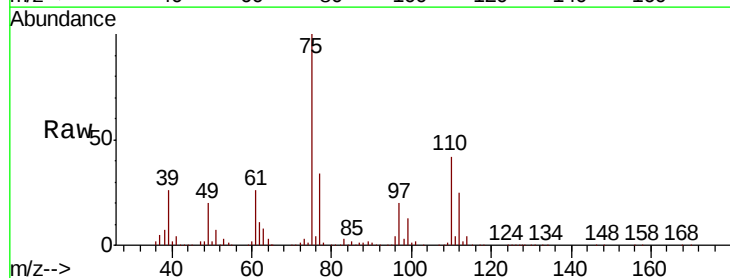
Acq: 08 Oct 2019 12:37

Tgt Ion: 75 Resp: 413459

Ion Ratio Lower Upper

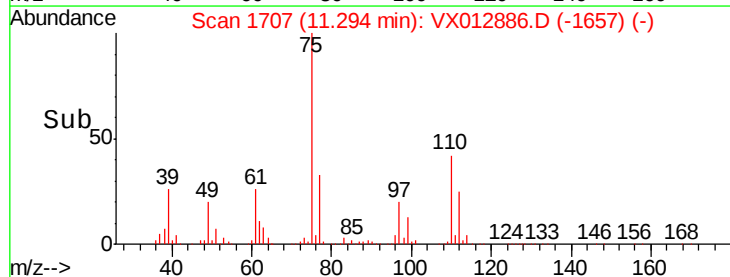
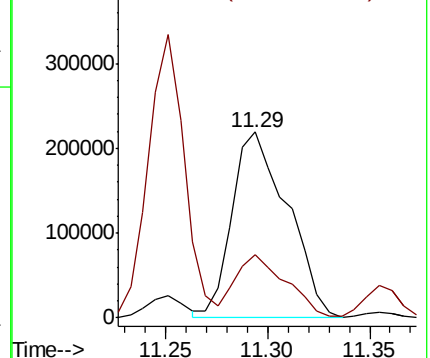
75 100

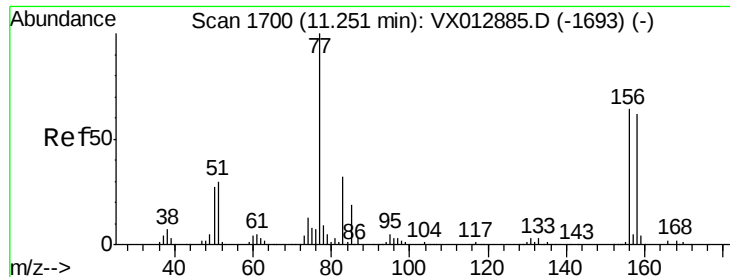
77 31.0 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 95.745 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

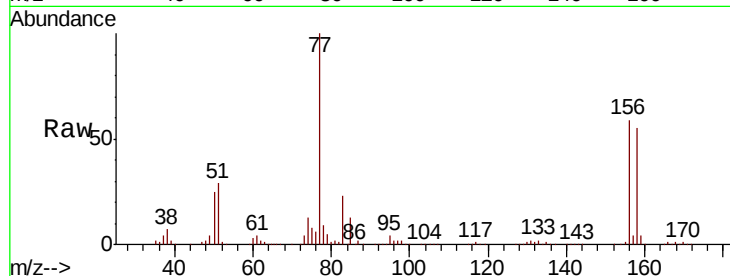
Tot Ion:156 Resp: 243792

Ion Ratio Lower Upper

156 100

77 169.7 83.7 251.0

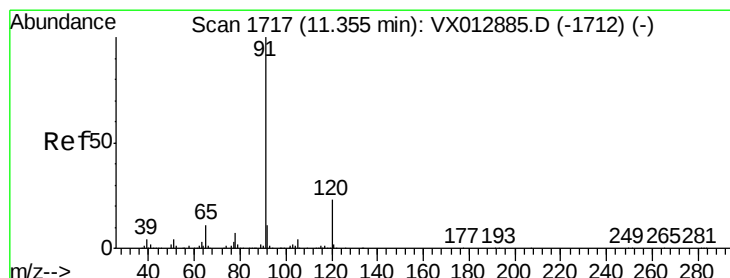
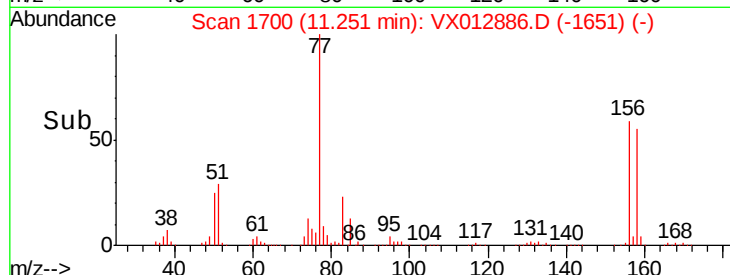
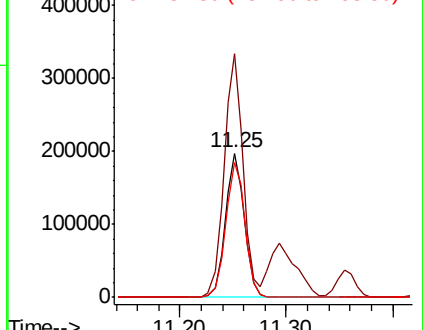
158 95.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 94.056 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012886.D

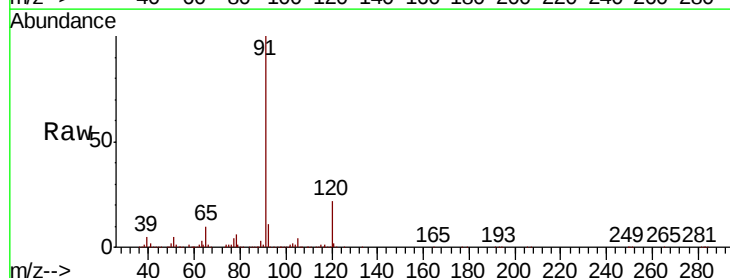
Acq: 08 Oct 2019 12:37

Tgt Ion: 91 Resp: 1180816

Ion Ratio Lower Upper

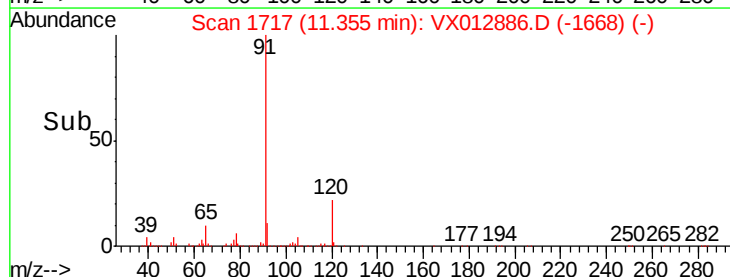
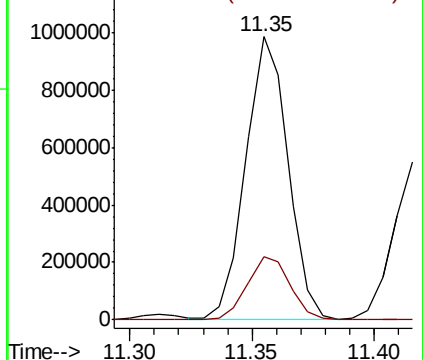
91 100

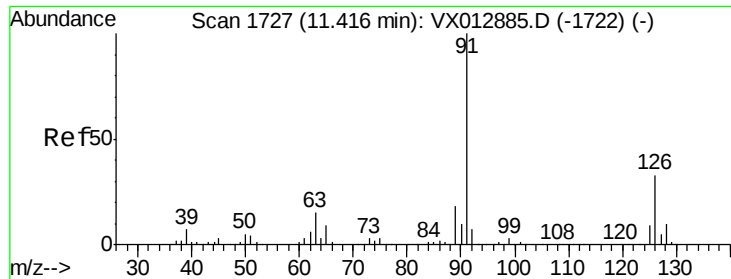
120 22.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

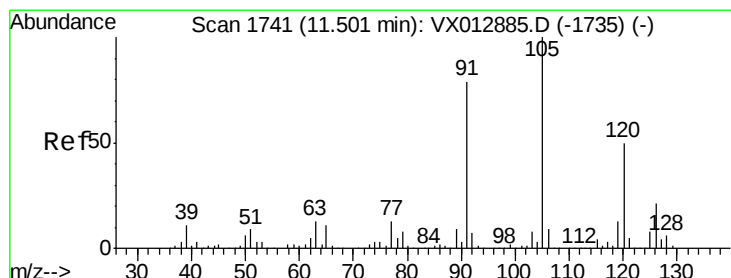
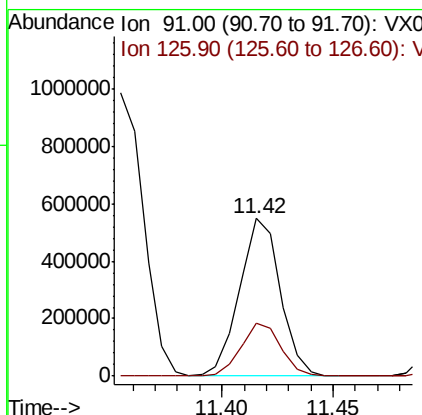
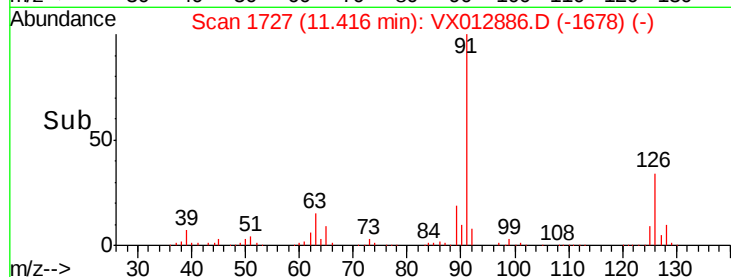
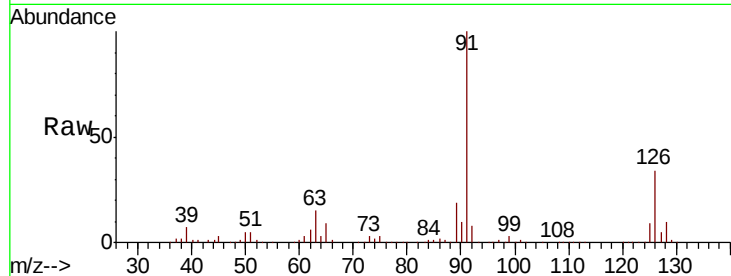




#79
 2-Chlorotoluene
 Concen: 89.249 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

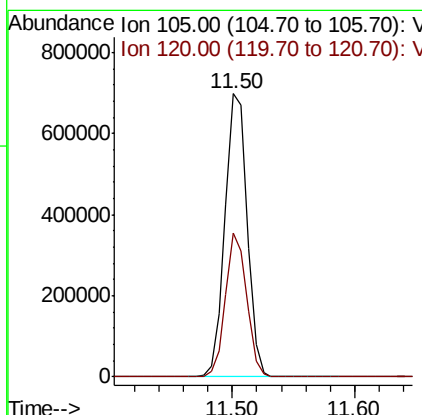
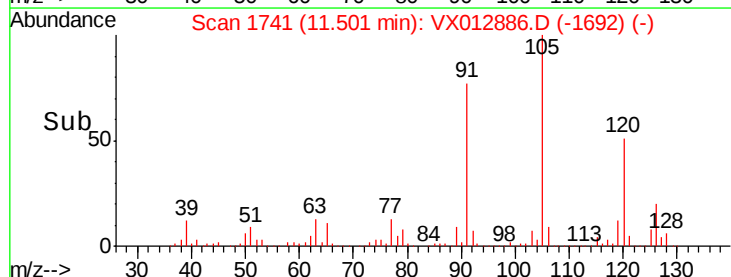
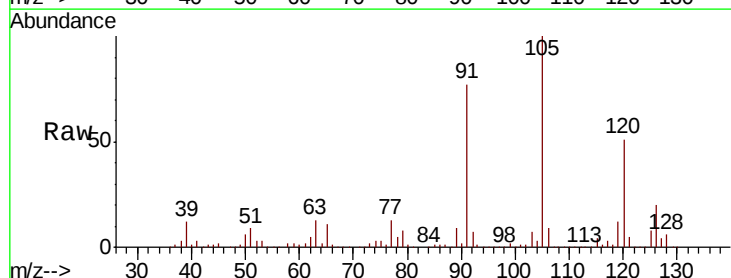
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

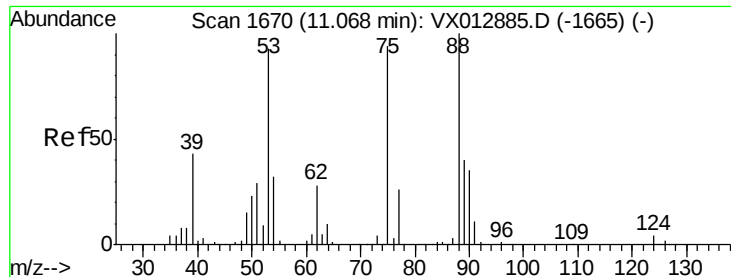
Tot Ion: 91 Resp: 700550
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 93.134 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

Tgt Ion:105 Resp: 874915
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 99.777 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

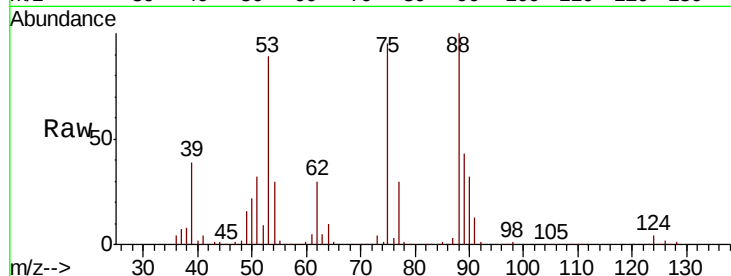
Tot Ion: 75 Resp: 124651

Ion Ratio Lower Upper

75 100

53 91.4 78.5 117.7

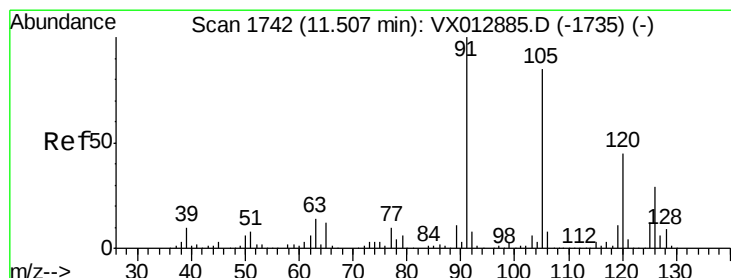
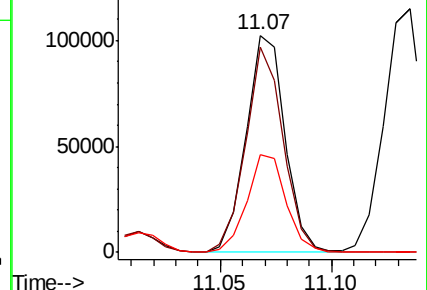
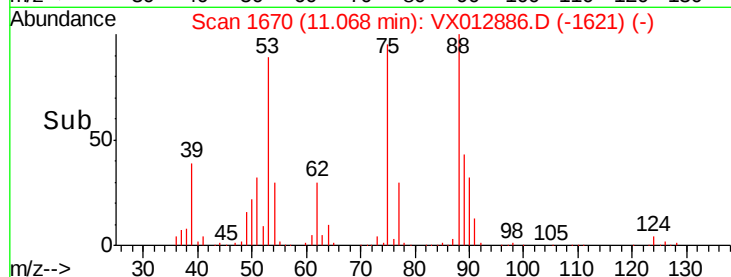
89 45.7 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 93.231 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012886.D

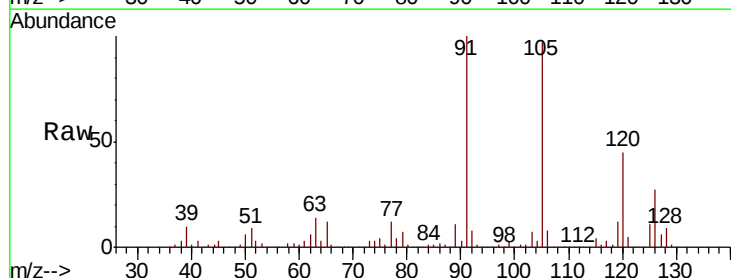
Acq: 08 Oct 2019 12:37

Tgt Ion: 91 Resp: 834804

Ion Ratio Lower Upper

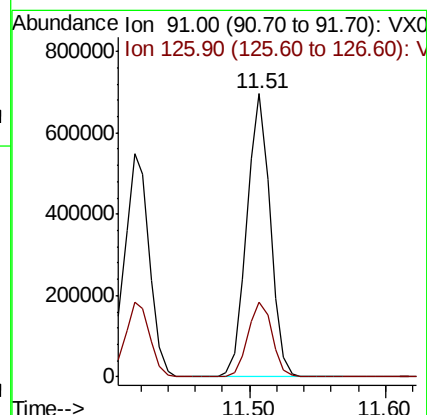
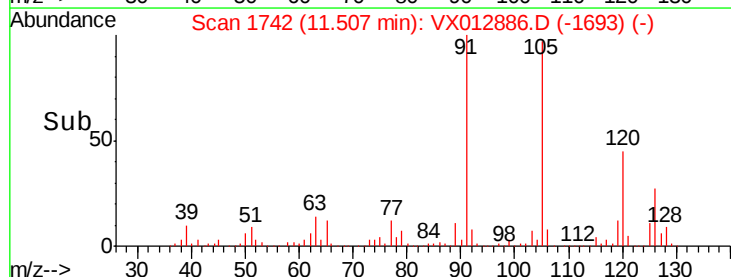
91 100

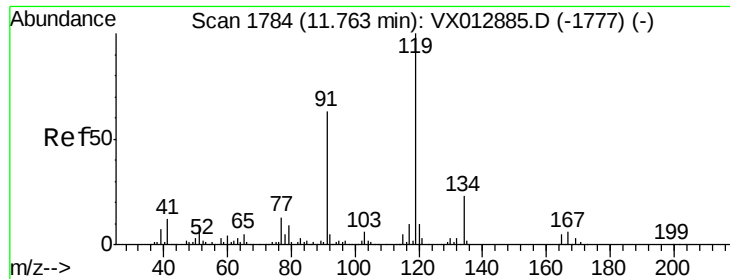
126 27.6 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

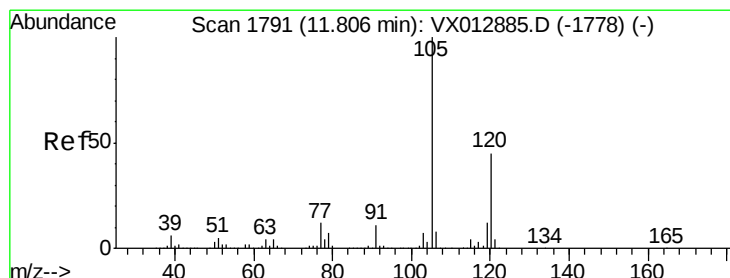
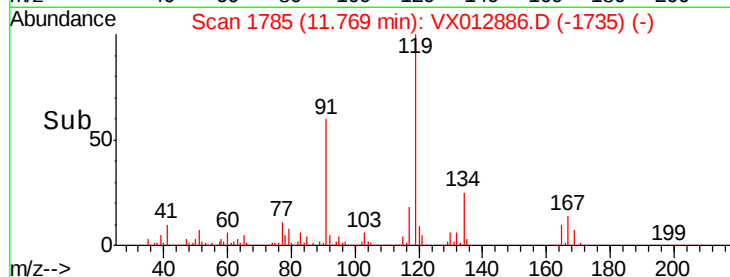
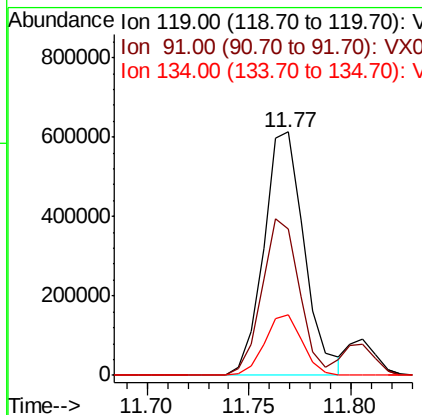
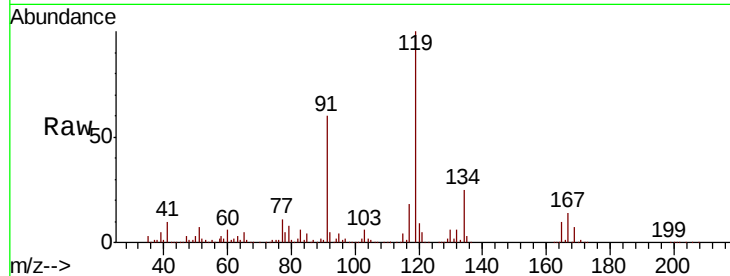




#83
 tert-Butylbenzene
 Concen: 93.043 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

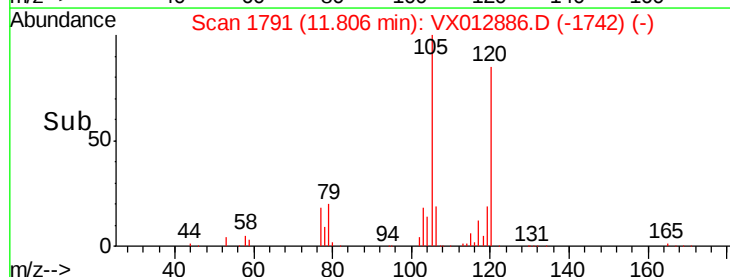
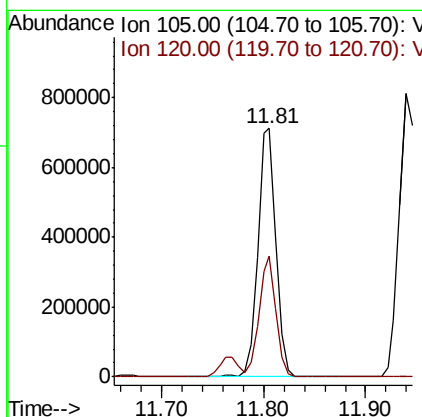
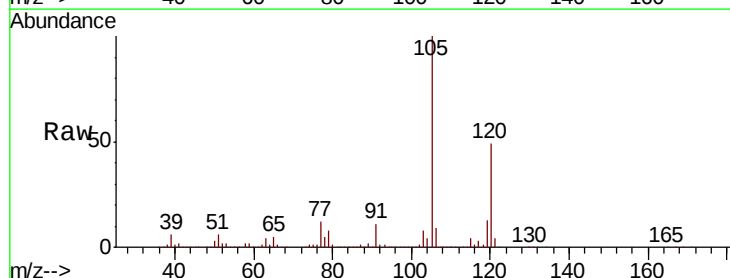
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

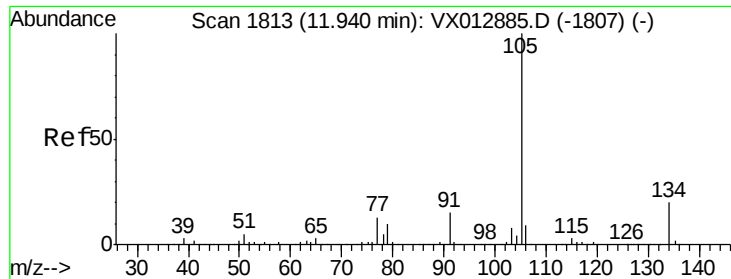
Tot Ion:119 Resp: 846617
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.3 87.9
 134 23.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 93.559 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

Tgt Ion:105 Resp: 888444
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.8 65.3





#85

sec-Butylbenzene

Concen: 94.499 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

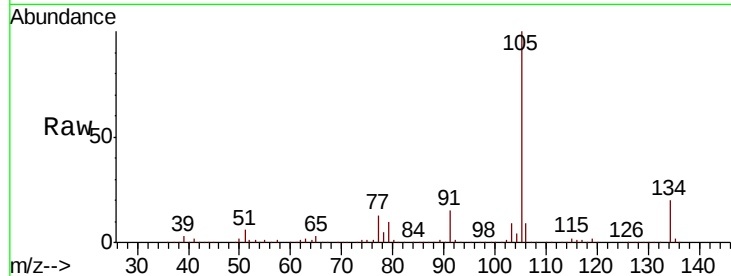
VSTDIC100

Tot Ion:105 Resp: 999454

Ion Ratio Lower Upper

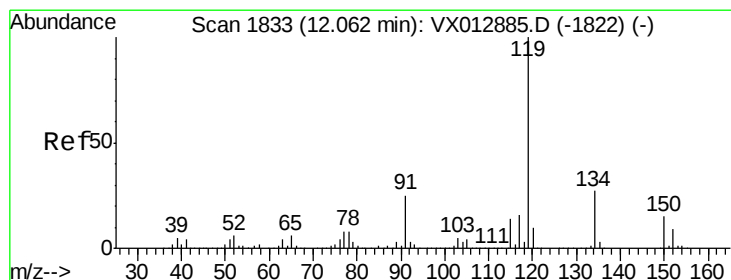
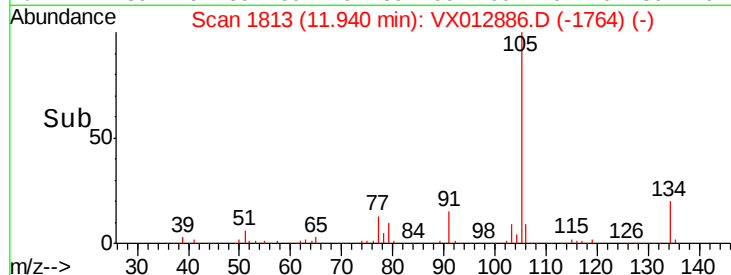
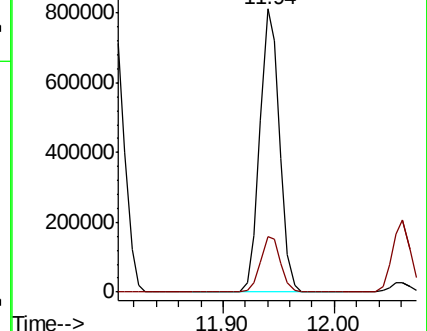
105 100

134 19.9 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 99.084 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

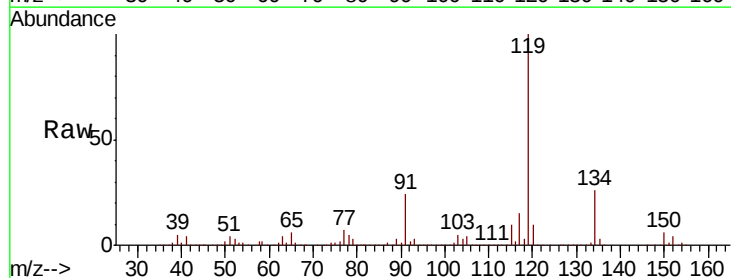
Tgt Ion:119 Resp: 944779

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.8

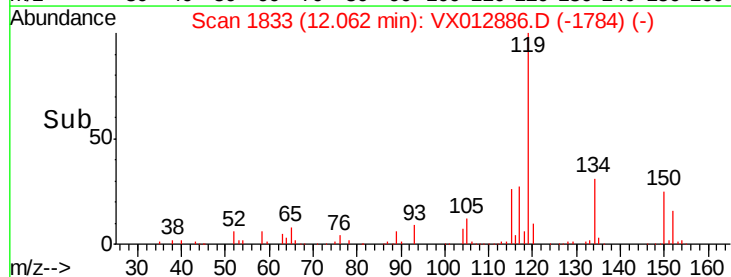
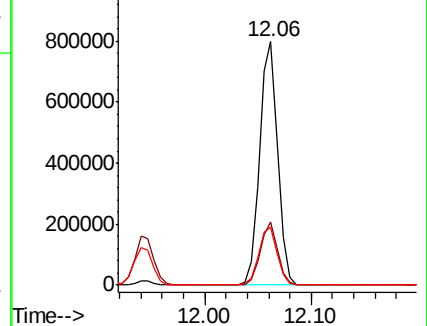
91 24.6 12.4 37.4

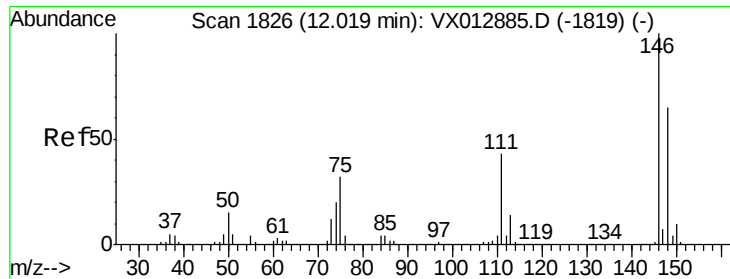


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

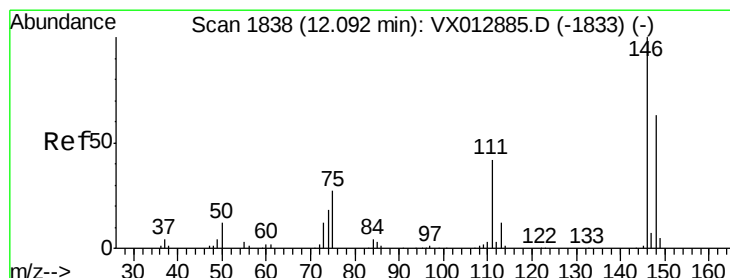
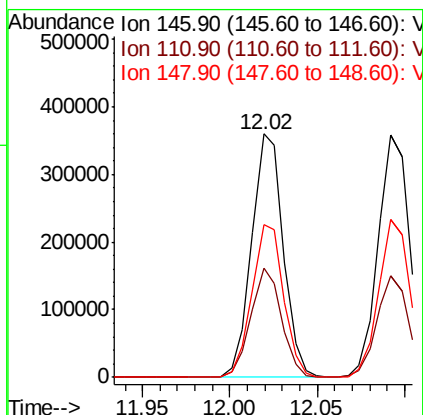
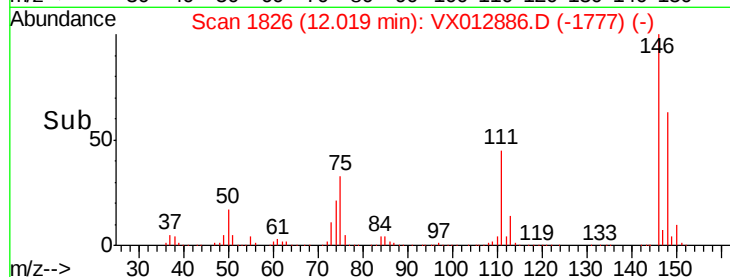
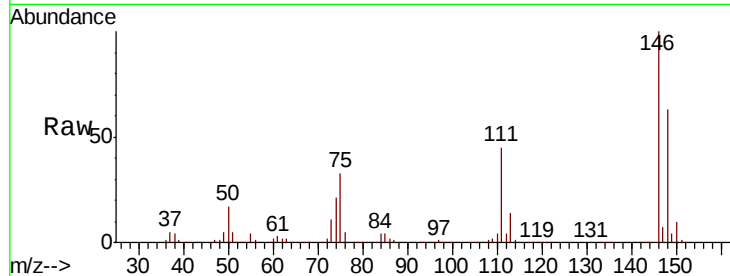




#87
 1,3-Dichlorobenzene
 Concen: 98.073 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

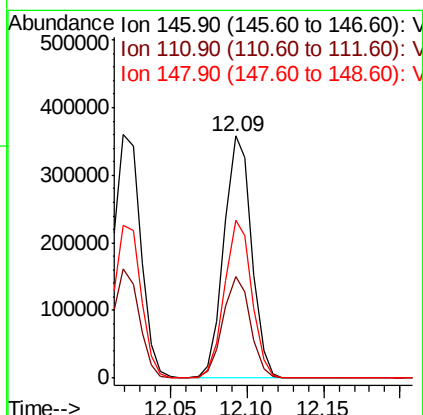
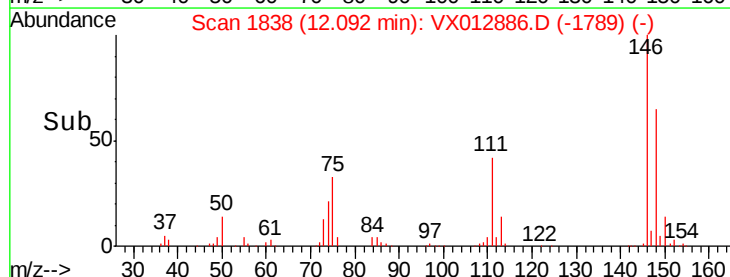
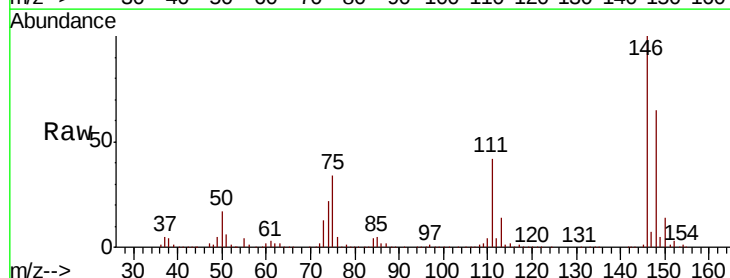
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

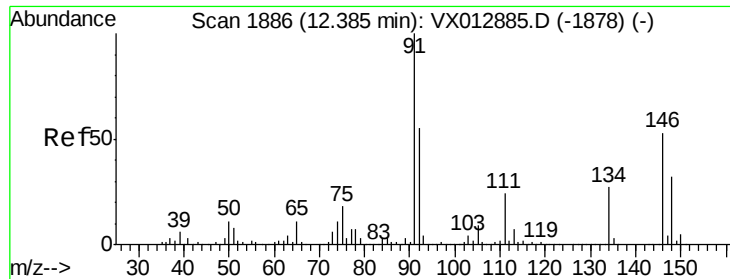
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.1	63.4
148	63.2	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 96.662 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012886.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.4	64.3
148	64.5	32.1	96.5





#89

n-Butylbenzene

Concen: 95.646 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

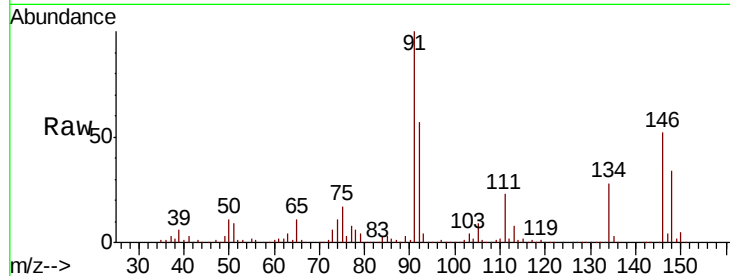
Tot Ion: 91 Resp: 800224

Ion Ratio Lower Upper

91 100

92 55.6 27.5 82.5

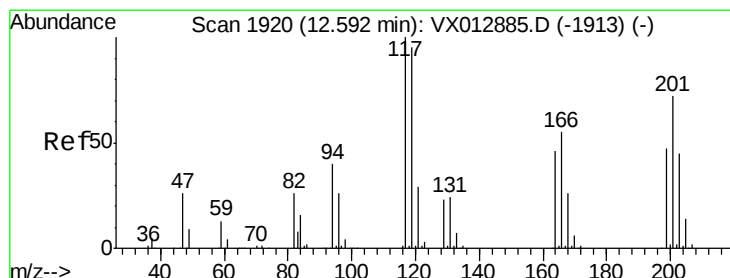
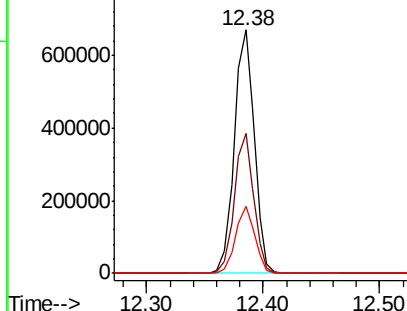
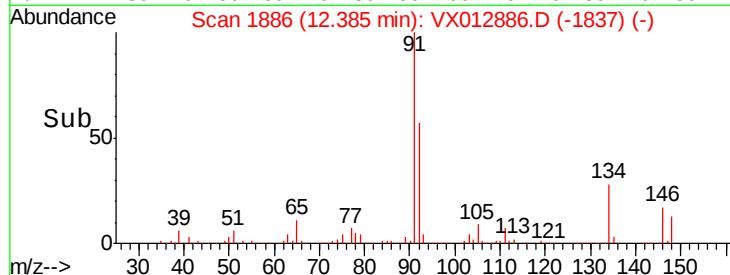
134 26.6 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX012886.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012886.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012886.D (-1878) (-)



#90

Hexachloroethane

Concen: 98.983 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012886.D

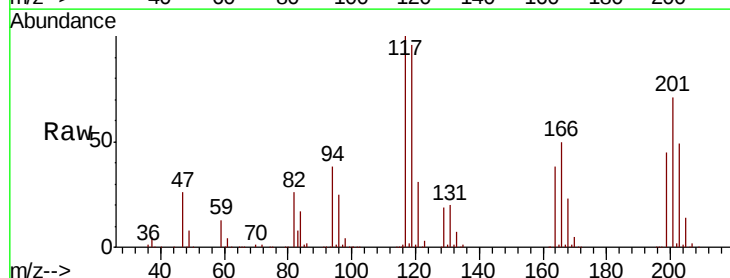
Acq: 08 Oct 2019 12:37

Tgt Ion: 117 Resp: 167280

Ion Ratio Lower Upper

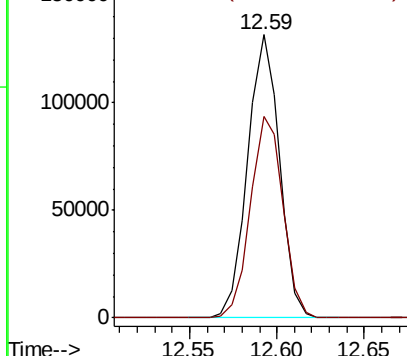
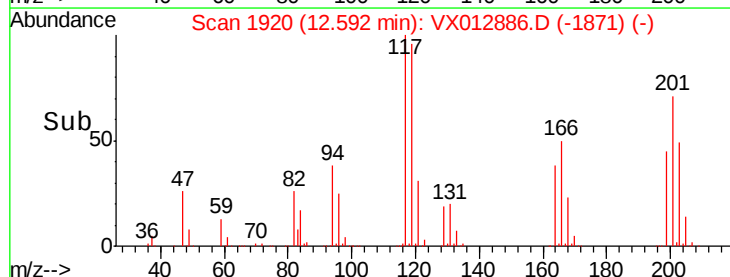
117 100

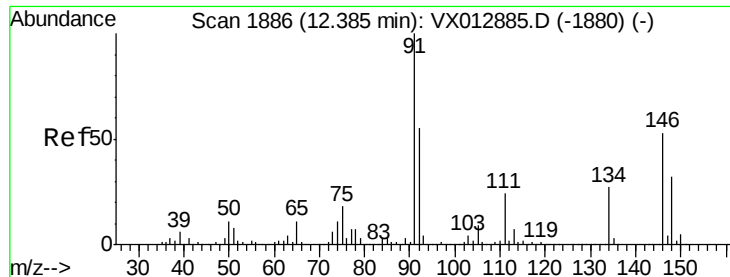
201 72.9 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VX012886.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX012886.D (-1878) (-)





#91

1,2-Dichlorobenzene

Concen: 95.772 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

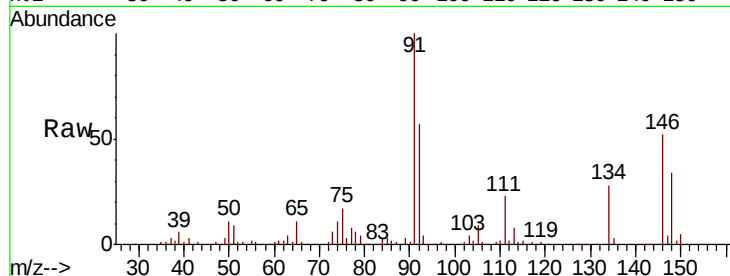
Tot Ion:146 Resp: 439059

Ion Ratio Lower Upper

146 100

111 44.4 22.7 68.0

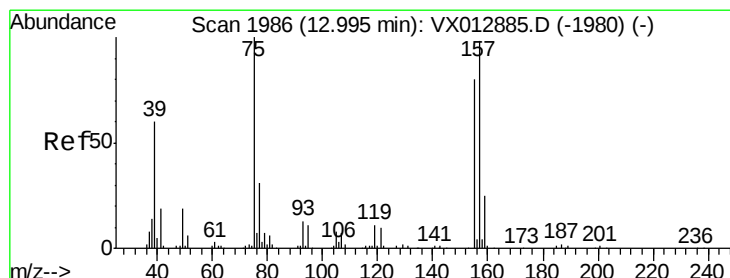
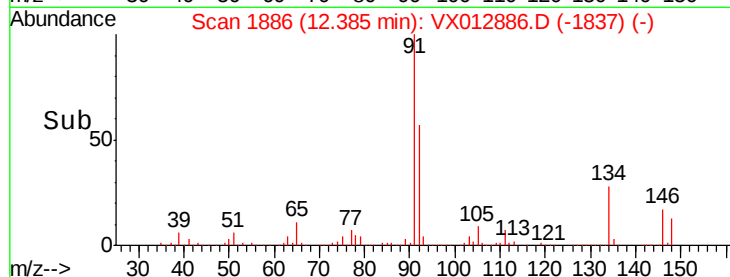
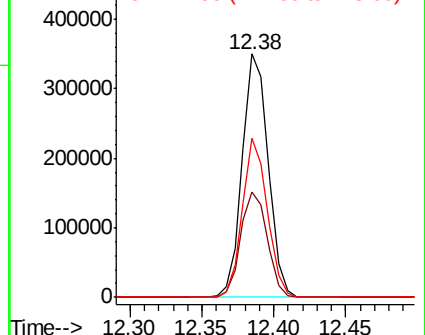
148 62.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.693 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012886.D

Acq: 08 Oct 2019 12:37

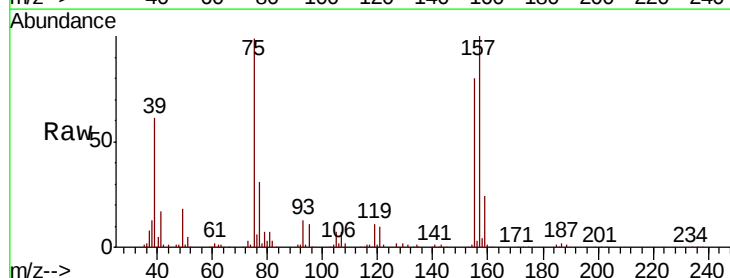
Tgt Ion: 75 Resp: 83962

Ion Ratio Lower Upper

75 100

155 83.3 43.0 128.8

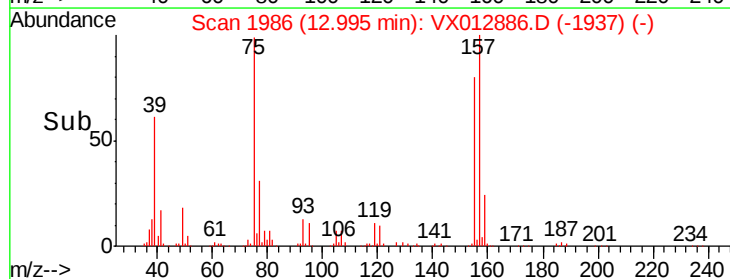
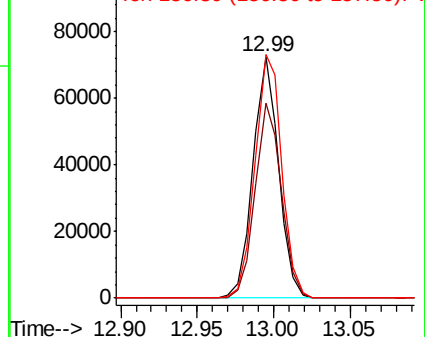
157 106.2 54.1 162.3

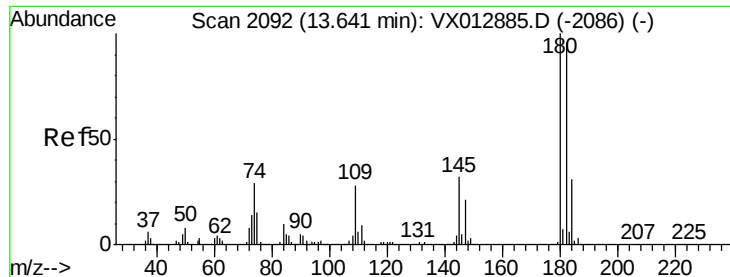


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

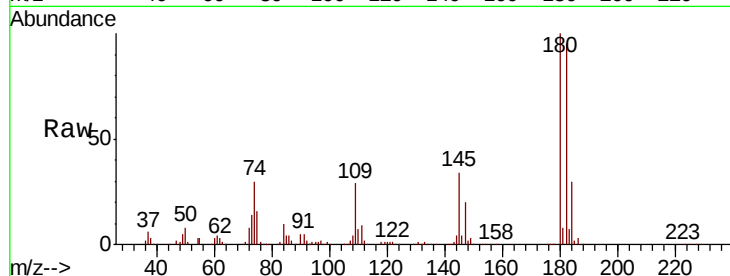




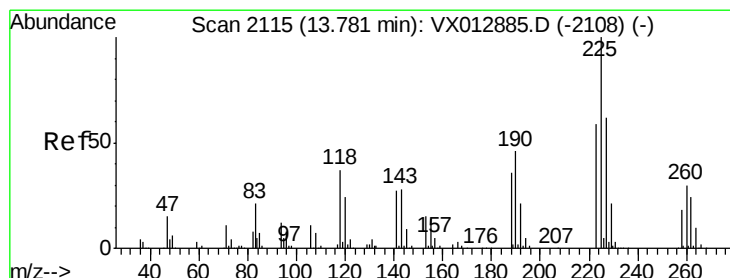
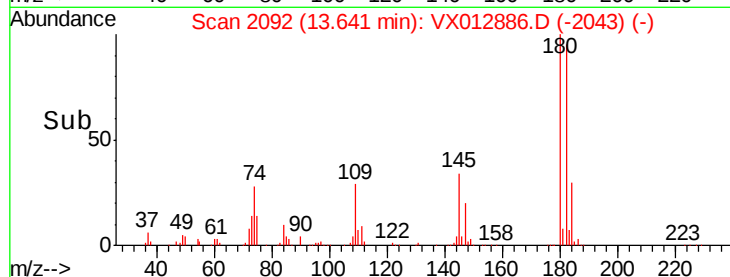
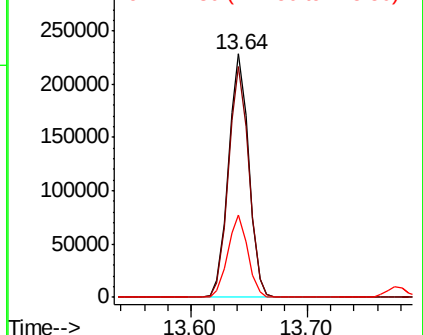
#93
1,2,4-Trichlorobenzene
Concen: 98.137 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:180 Resp: 276309
Ion Ratio Lower Upper
180 100
182 95.4 46.8 140.4
145 33.1 16.2 48.6

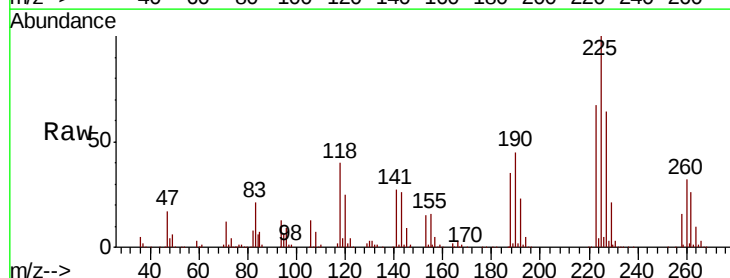


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

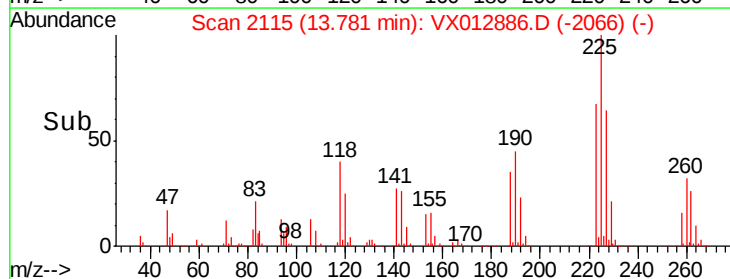
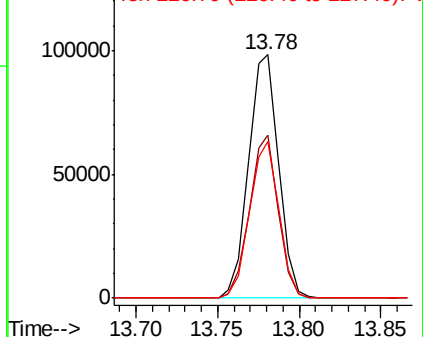


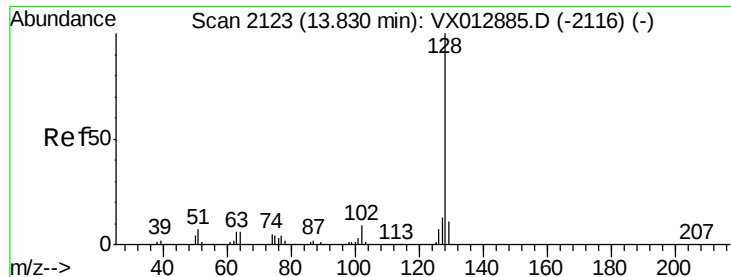
#94
Hexachlorobutadiene
Concen: 103.343 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion:225 Resp: 126298
Ion Ratio Lower Upper
225 100
223 63.9 31.1 93.2
227 62.5 32.3 96.9



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

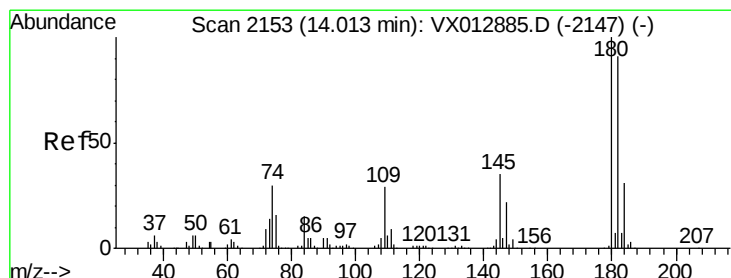
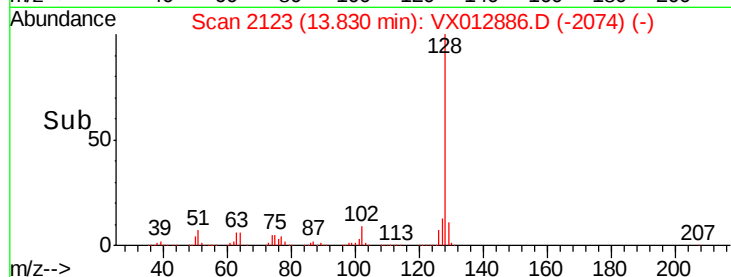
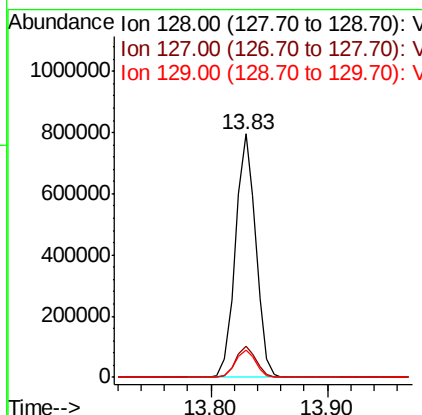
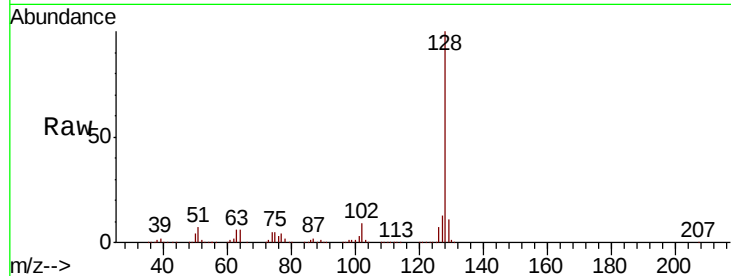




#95
Naphthalene
Concen: 95.670 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 964792
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 97.102 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012886.D
Acq: 08 Oct 2019 12:37

Tgt Ion:180 Resp: 273282
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 34.8 17.4 52.3

