

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012598.D
 Acq On : 23 Sep 2019 11:42
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 23 12:13:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	195535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	349195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	283873	100.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.28%	
35) Dibromofluoromethane	5.48	113	214777	101.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.56%	
50) Toluene-d8	8.71	98	806951	102.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.48%	
62) 4-Bromofluorobenzene	11.14	95	330882	102.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	212813	163.802	ug/l	99
3) Chloromethane	1.32	50	237887	185.343	ug/l	98
4) Vinyl Chloride	1.40	62	254246	187.574	ug/l	97
5) Bromomethane	1.62	94	93481	172.100	ug/l	100
6) Chloroethane	1.70	64	150614	144.446	ug/l	99
7) Trichlorofluoromethane	1.91	101	345319	150.089	ug/l	100
8) Diethyl Ether	2.18	74	141311	138.136	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209892	129.671	ug/l	100
10) Methyl Iodide	2.50	142	240604	180.472	ug/l	99
11) Tert butyl alcohol	3.05	59	369626	495.152	ug/l	99
12) 1,1-Dichloroethene	2.36	96	214956	157.859	ug/l	96
13) Acrolein	2.28	56	208483	691.609	ug/l	99
14) Allyl chloride	2.72	41	432283	142.516	ug/l	98
15) Acrylonitrile	3.14	53	739634	596.676	ug/l	99
16) Acetone	2.44	43	739132	513.271	ug/l	100
17) Carbon Disulfide	2.56	76	604304	278.163	ug/l	99
18) Methyl Acetate	2.76	43	348786	117.131	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	800100	116.875	ug/l	100
20) Methylene Chloride	2.84	84	247506	136.681	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	234606	164.590	ug/l	97
22) Diisopropyl ether	3.85	45	800373	116.853	ug/l	90
23) Vinyl Acetate	3.81	43	3648686	640.802	ug/l	99
24) 1,1-Dichloroethane	3.69	63	439714	131.074	ug/l	99
25) 2-Butanone	4.66	43	1093303	555.501	ug/l	97
26) 2,2-Dichloropropane	4.57	77	388432	119.910	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	269449	133.755	ug/l	100
28) Bromochloromethane	5.01	49	150158	91.172	ug/l	99
29) Tetrahydrofuran	5.12	42	681678	619.344	ug/l	100
30) Chloroform	5.20	83	440467	116.858	ug/l	98
31) Cyclohexane	5.57	56	393059	171.927	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	399160	125.326	ug/l	100
36) 1,1-Dichloropropene	5.79	75	334516	147.377	ug/l	99
37) Ethyl Acetate	4.83	43	401736	121.959	ug/l	99
38) Carbon Tetrachloride	5.78	117	347093	127.389	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	398643	172.430	ug/l	98
40) Benzene	6.14	78	978590	137.099	ug/l	99
41) Methacrylonitrile	5.03	41	223912	107.083	ug/l	100
42) 1,2-Dichloroethane	6.18	62	371954	116.540	ug/l	100
43) Isopropyl Acetate	6.43	43	663506	113.281	ug/l	100
44) Trichloroethene	7.21	130	250354	134.928	ug/l	99
45) 1,2-Dichloropropane	7.51	63	254089	119.875	ug/l	98
46) Dibromomethane	7.65	93	172364	124.798	ug/l	99
47) Bromodichloromethane	7.89	83	358007	118.740	ug/l	99
48) Methyl methacrylate	7.76	41	325320	117.106	ug/l	97
49) 1,4-Dioxane	7.73	88	151962	2254.921	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2097690	551.004	ug/l	100
52) Toluene	8.78	92	621792	136.056	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	413910	130.745	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	437597	132.251	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	249438	110.791	ug/l	98
56) Ethyl methacrylate	9.17	69	441181	123.906	ug/l	100
57) 1,3-Dichloropropane	9.37	76	429238	118.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	995269	546.370	ug/l	100
59) 2-Hexanone	9.49	43	1659486	558.090	ug/l	99
60) Dibromochloromethane	9.58	129	272351	119.498	ug/l	99
61) 1,2-Dibromoethane	9.67	107	264745	126.562	ug/l	99
64) Tetrachloroethene	9.33	164	211527	136.369	ug/l	99
65) Chlorobenzene	10.14	112	658636	121.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	246723	113.010	ug/l	99
67) Ethyl Benzene	10.25	91	1212269	129.395	ug/l	97
68) m/p-Xylenes	10.35	106	902135	262.970	ug/l	100
69) o-Xylene	10.70	106	438921	126.132	ug/l	99
70) Styrene	10.71	104	785669	128.488	ug/l	99
71) Bromoform	10.85	173	195514	121.408	ug/l #	98
73) Isopropylbenzene	11.01	105	1178959	120.950	ug/l	100
74) N-amyl acetate	10.89	43	609467	118.479	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	402542	108.254	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	504033	144.363	ug/l	87
77) Bromobenzene	11.25	156	273388	116.542	ug/l	99
78) n-propylbenzene	11.35	91	1371151	126.186	ug/l	98
79) 2-Chlorotoluene	11.42	91	833016	118.321	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1017700	122.839	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	153313	128.999	ug/l	97
82) 4-Chlorotoluene	11.51	91	978532	121.232	ug/l	100
83) tert-Butylbenzene	11.77	119	978599	112.272	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1050728	123.738	ug/l	97
85) sec-Butylbenzene	11.94	105	1148263	118.450	ug/l	100
86) p-Isopropyltoluene	12.06	119	1066589	119.980	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	504793	115.018	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	507235	112.761	ug/l	99
89) n-Butylbenzene	12.39	91	946723	119.633	ug/l	98
90) Hexachloroethane	12.59	117	198326	122.987	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	491719	108.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	101984	106.211	ug/l	98

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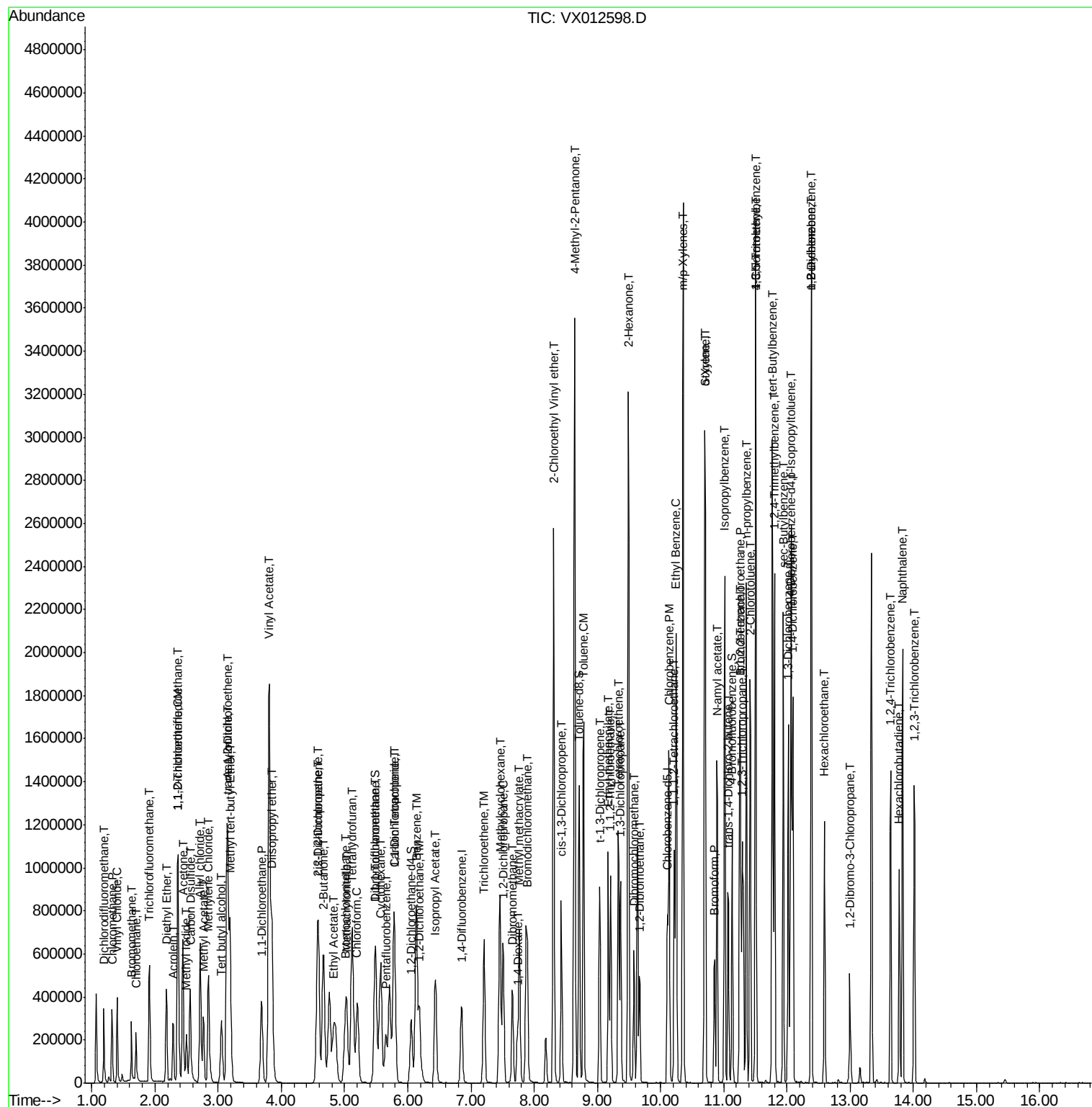
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	310627	107.585	ug/l	99
94) Hexachlorobutadiene	13.78	225	130212	96.442	ug/l	99
95) Naphthalene	13.83	128	1153270	111.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	306672	104.135	ug/l	100

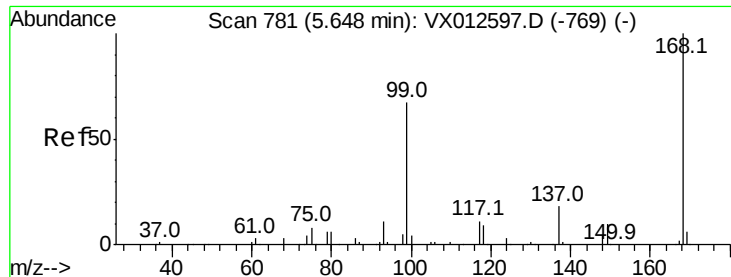
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

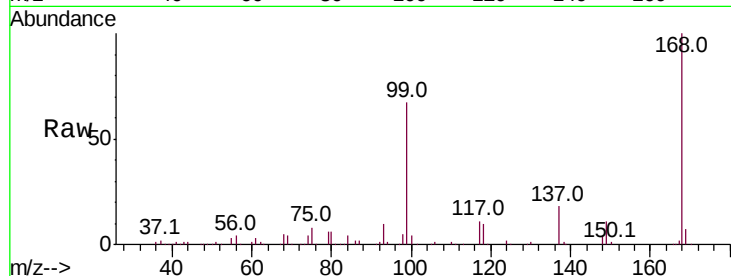
VSTDIC100

Tot Ion:168 Resp: 195535

Ion Ratio Lower Upper

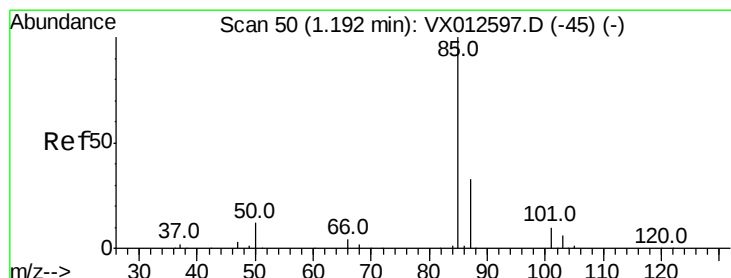
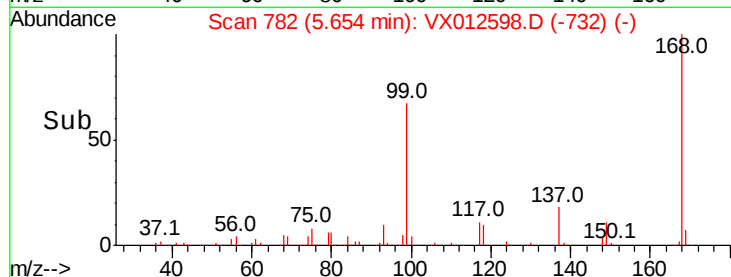
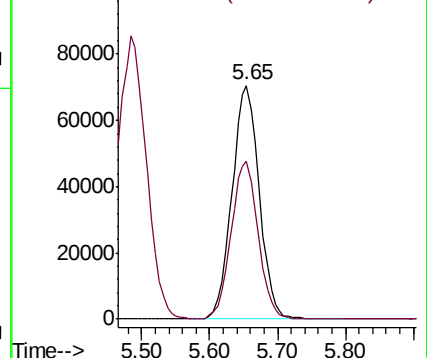
168 100

99 67.1 53.3 79.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 163.802 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012598.D

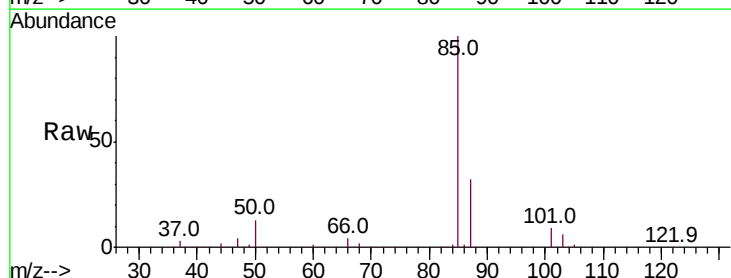
Acq: 23 Sep 2019 11:42

Tgt Ion: 85 Resp: 212813

Ion Ratio Lower Upper

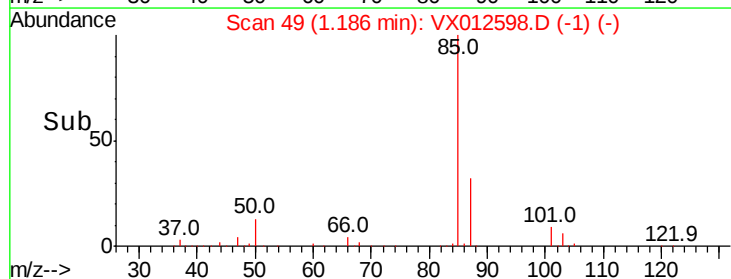
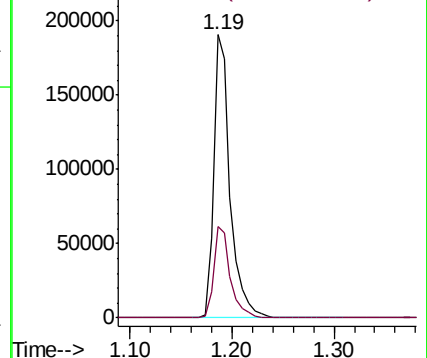
85 100

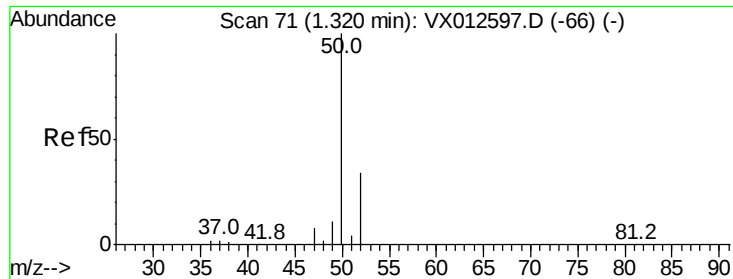
87 32.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 185.343 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

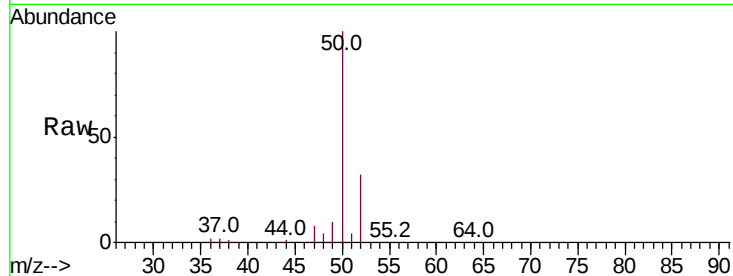
VSTDIC100

Tot Ion: 50 Resp: 237887

Ion Ratio Lower Upper

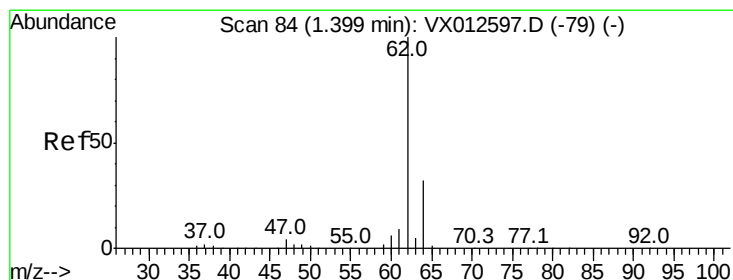
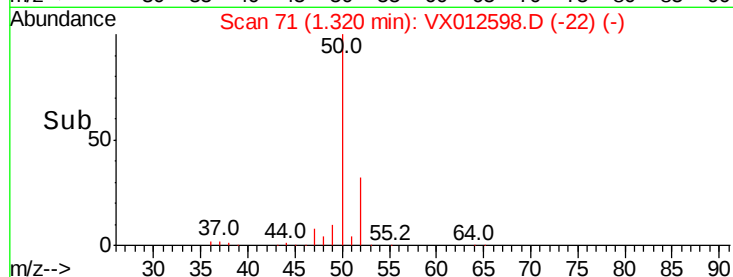
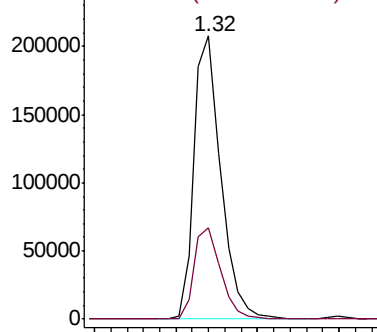
50 100

52 32.4 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 187.574 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012598.D

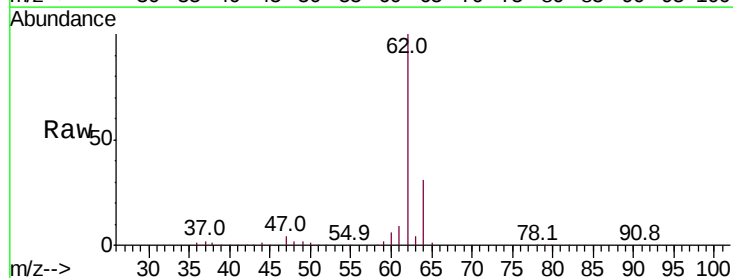
Acq: 23 Sep 2019 11:42

Tgt Ion: 62 Resp: 254246

Ion Ratio Lower Upper

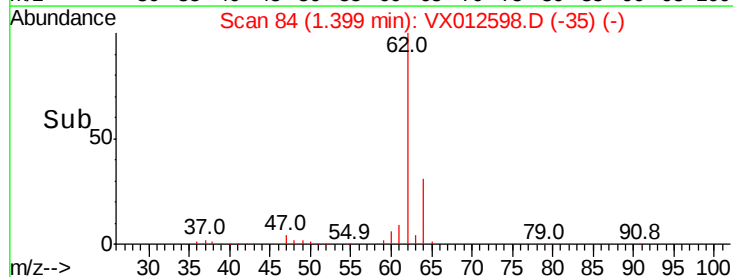
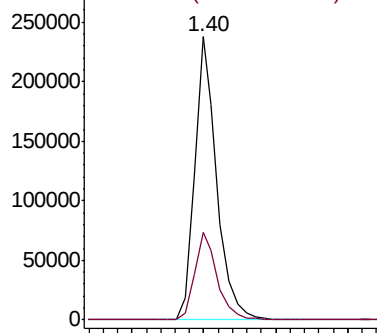
62 100

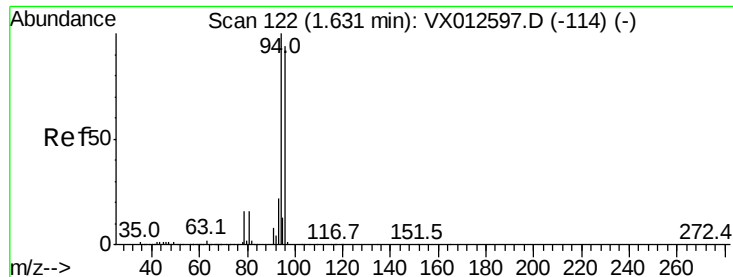
64 30.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 172.100 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

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ClientSampleId :

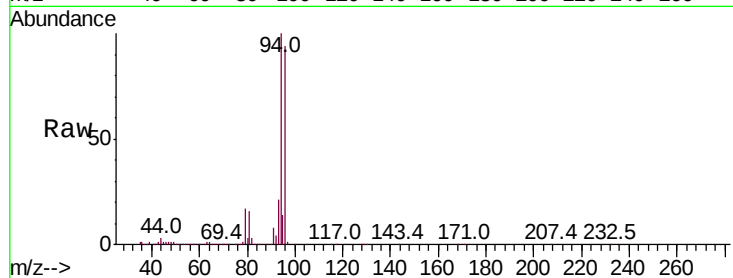
VSTDIC100

Tot Ion: 94 Resp: 93481

Ion Ratio Lower Upper

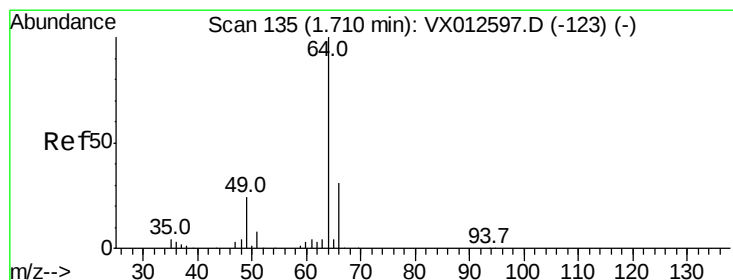
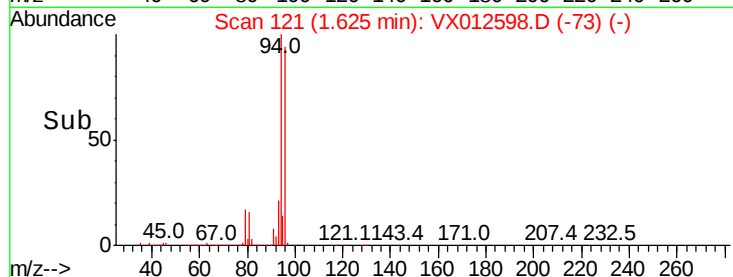
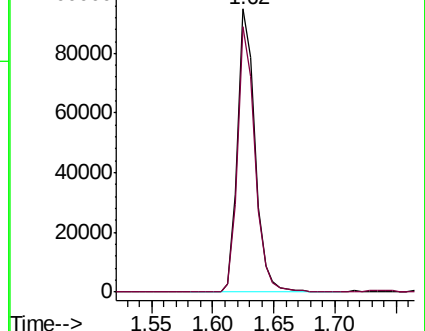
94 100

96 93.9 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 144.446 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012598.D

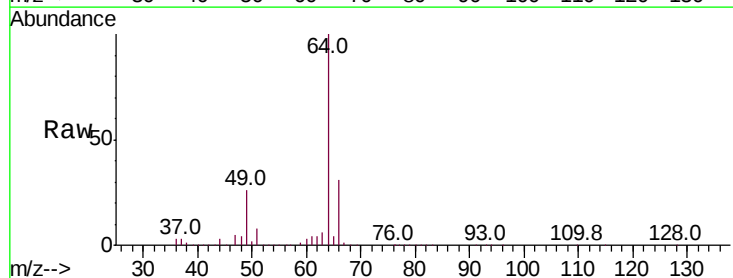
Acq: 23 Sep 2019 11:42

Tgt Ion: 64 Resp: 150614

Ion Ratio Lower Upper

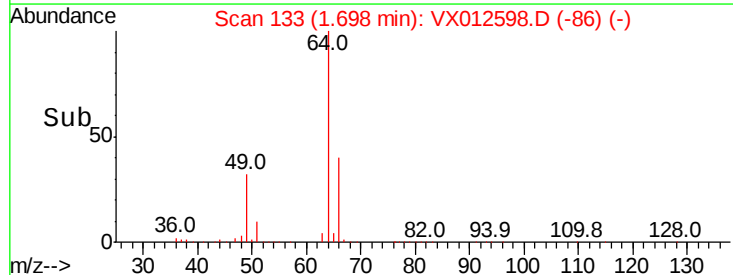
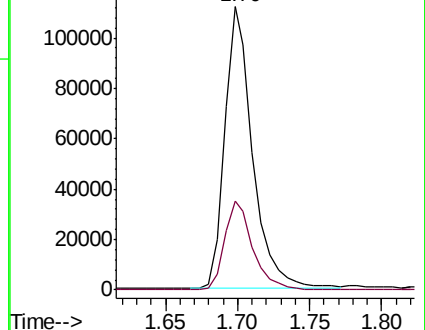
64 100

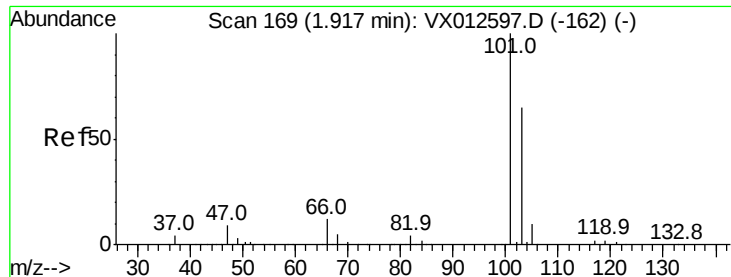
66 31.3 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



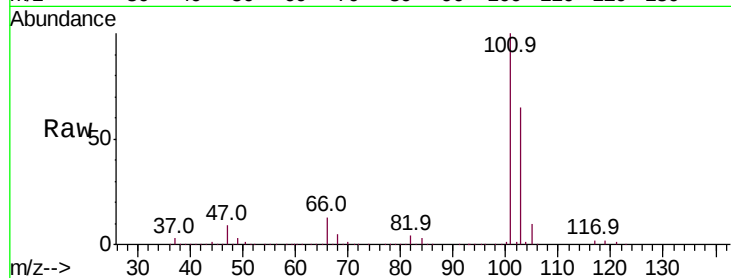


#7

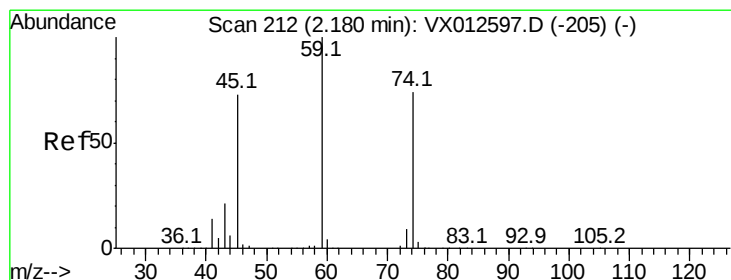
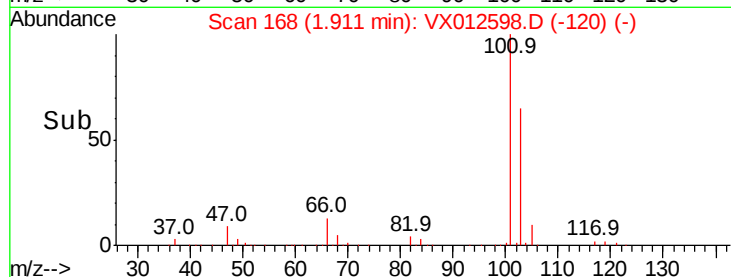
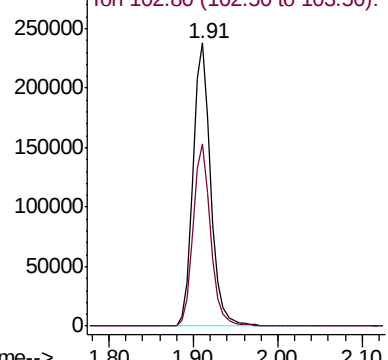
Trichlorofluoromethane
Concen: 150.089 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
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Tot Ion:101 Resp: 345319
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5



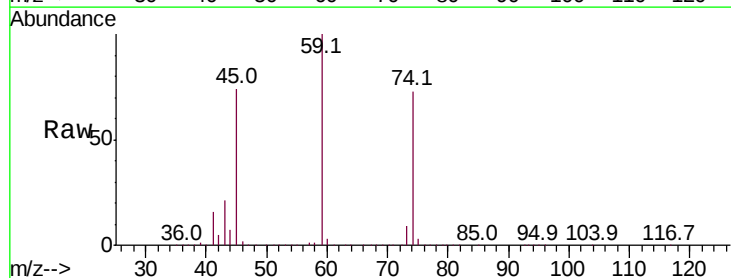
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



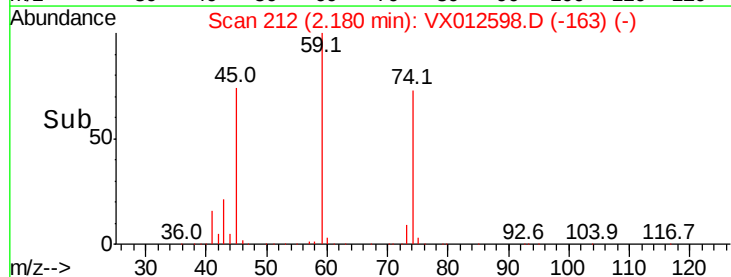
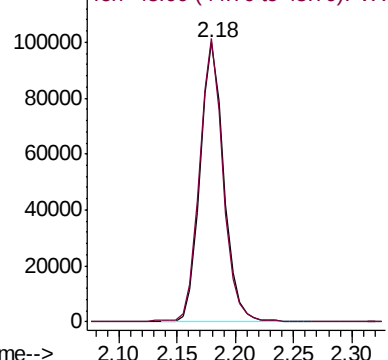
#8

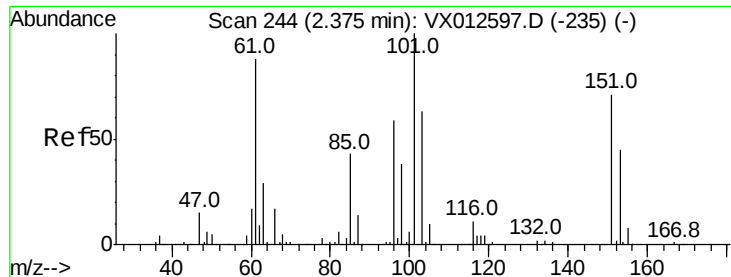
Diethyl Ether
Concen: 138.136 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012598.D
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Tgt Ion: 74 Resp: 141311
Ion Ratio Lower Upper
74 100
45 101.1 50.0 149.8



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

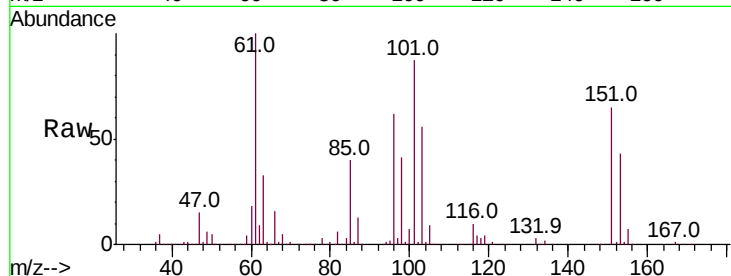




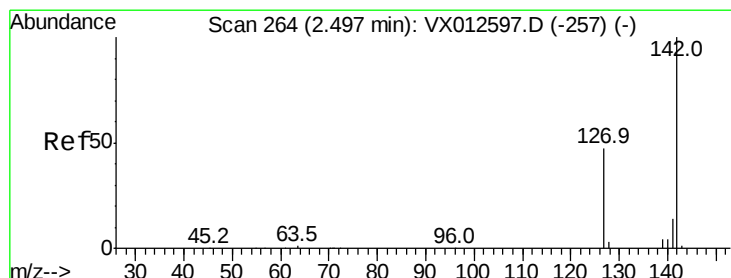
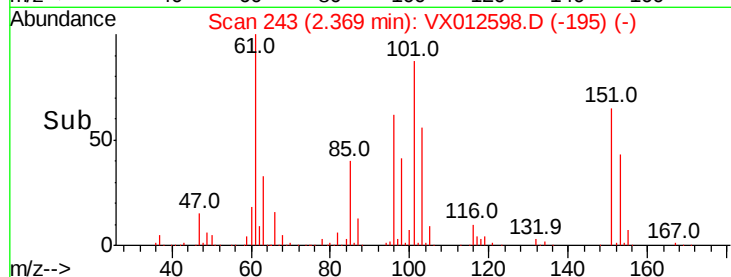
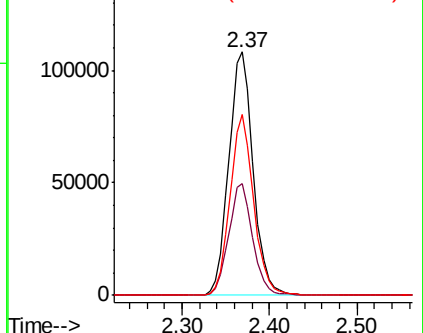
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 129.671 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.01 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:101 Resp: 209892
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.8 53.6
 151 72.1 57.4 86.2

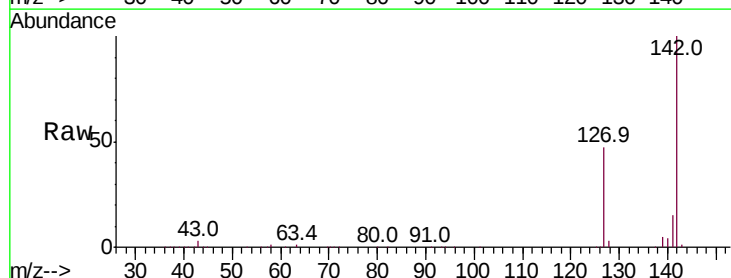


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

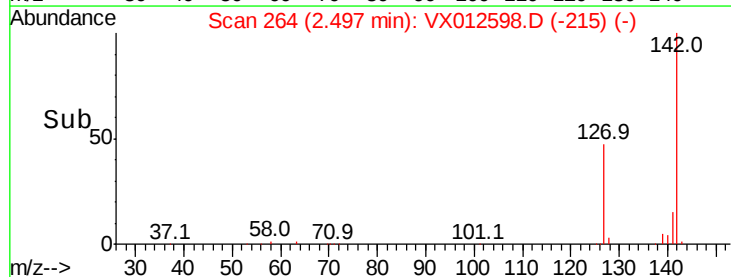
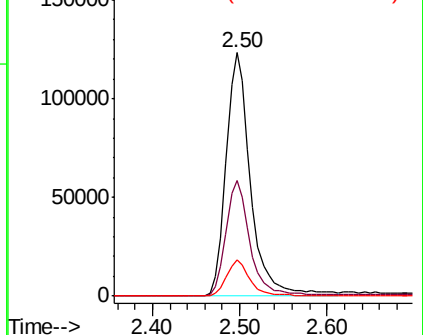


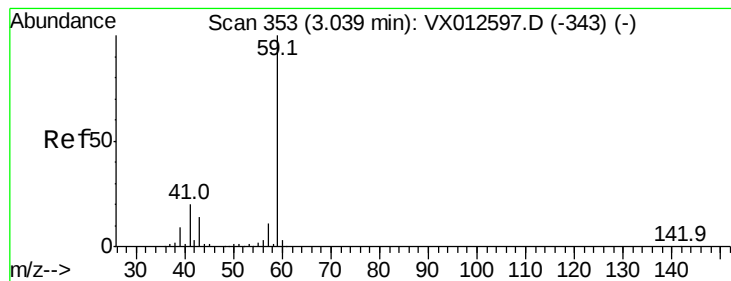
#10
 Methyl Iodide
 Concen: 180.472 ug/l
 RT: 2.50 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion:142 Resp: 240604
 Ion Ratio Lower Upper
 142 100
 127 46.7 38.1 57.1
 141 14.4 11.4 17.0



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



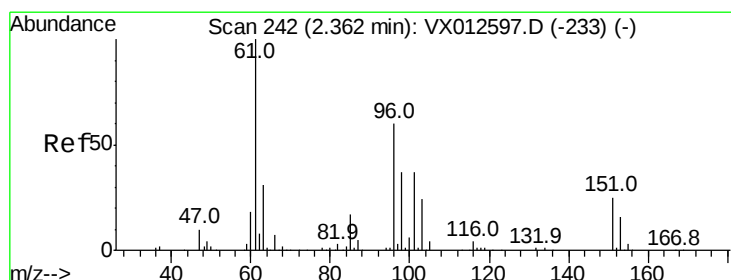
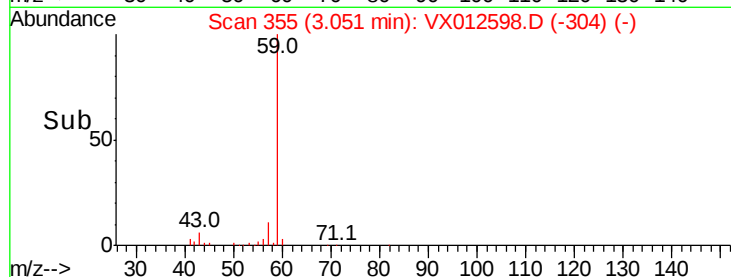
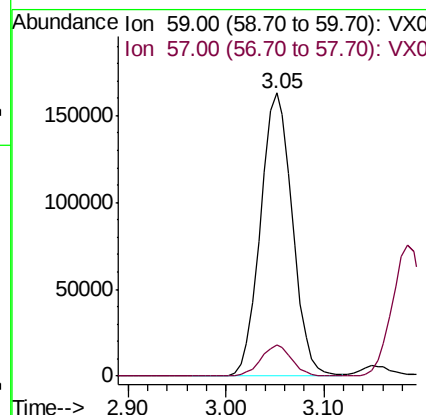
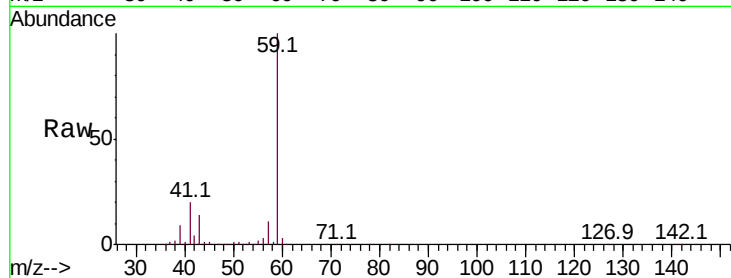


#11

Tert butyl alcohol
Concen: 495.152 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

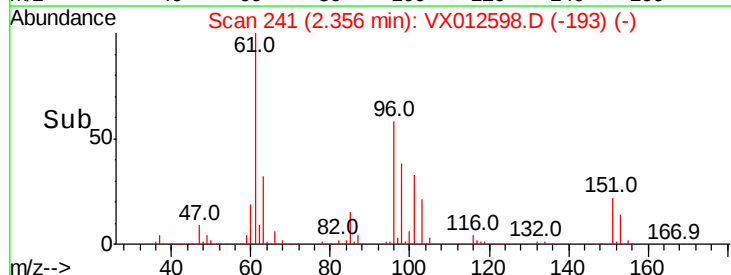
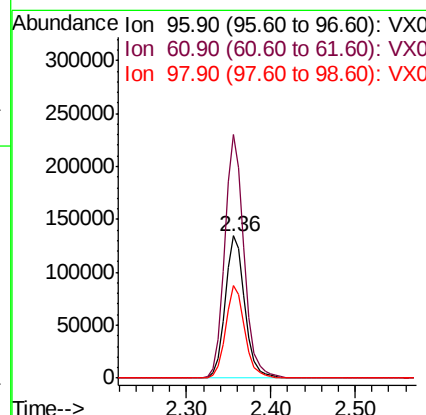
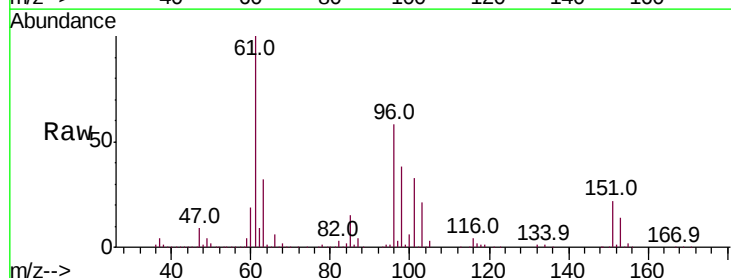
Tot Ion: 59 Resp: 369626
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

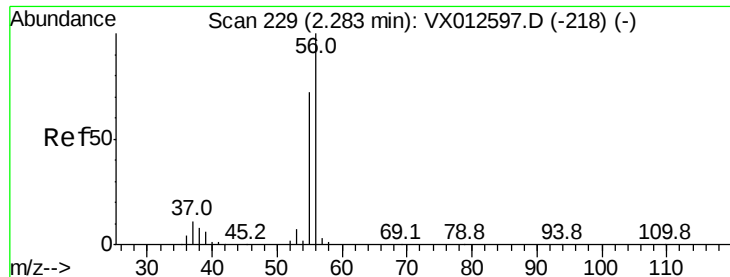


#12

1,1-Dichloroethene
Concen: 157.859 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 96 Resp: 214956
Ion Ratio Lower Upper
96 100
61 171.3 133.4 200.0
98 64.8 48.8 73.2





#13

Acrolein

Concen: 691.609 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

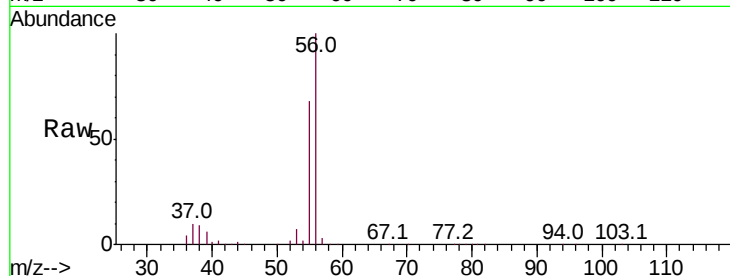
VSTDIC100

Tot Ion: 56 Resp: 208483

Ion Ratio Lower Upper

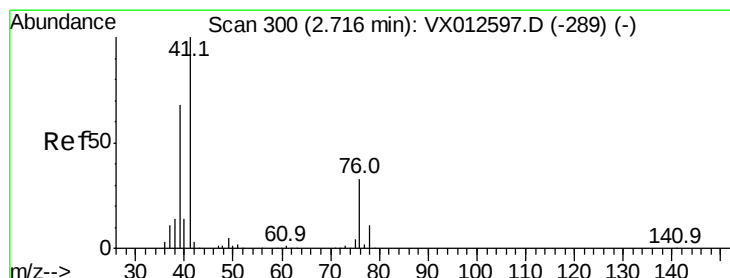
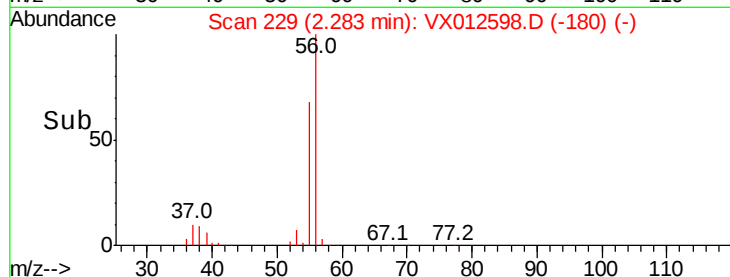
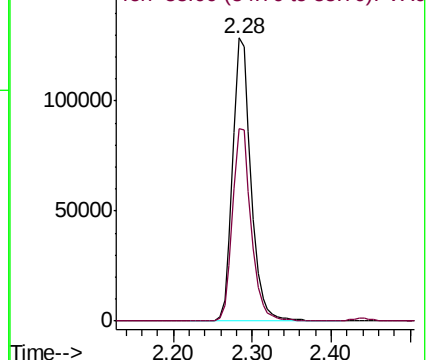
56 100

55 69.2 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 142.516 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

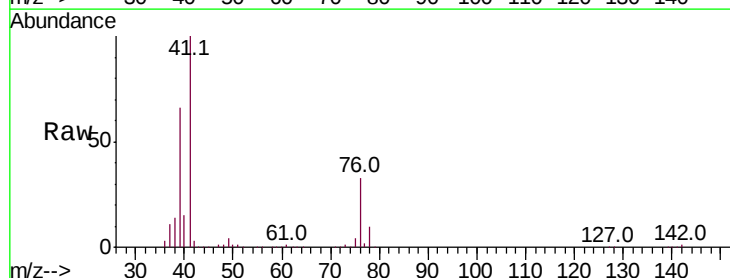
Tgt Ion: 41 Resp: 432283

Ion Ratio Lower Upper

41 100

39 63.2 52.1 78.1

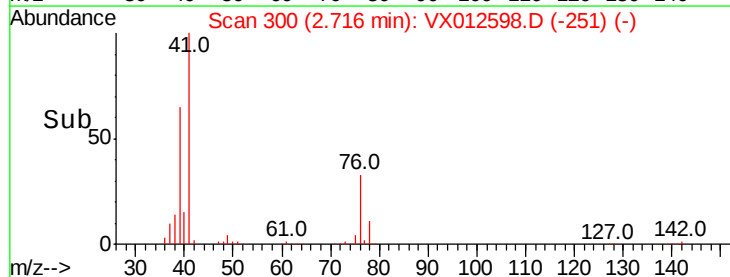
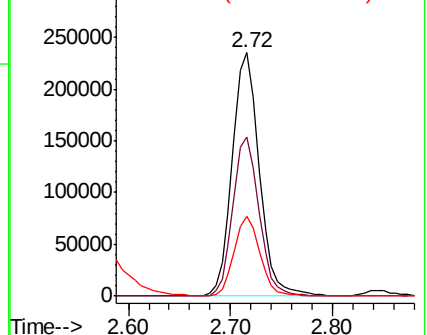
76 31.4 25.0 37.6

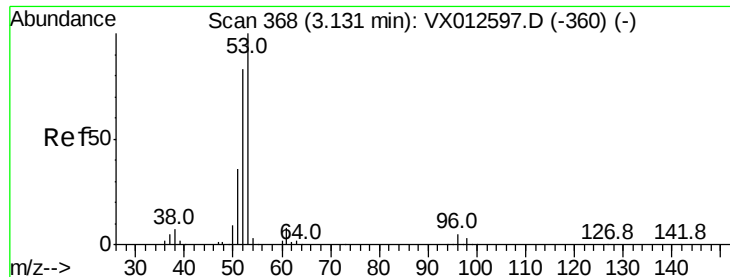


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 596.676 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

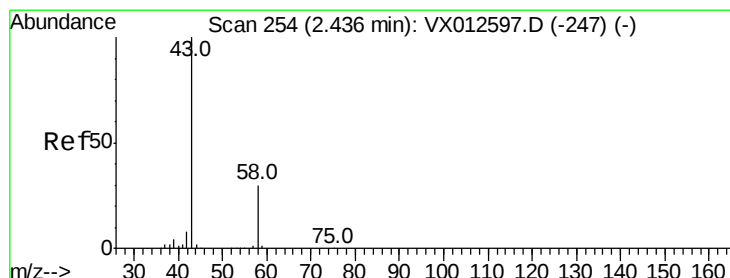
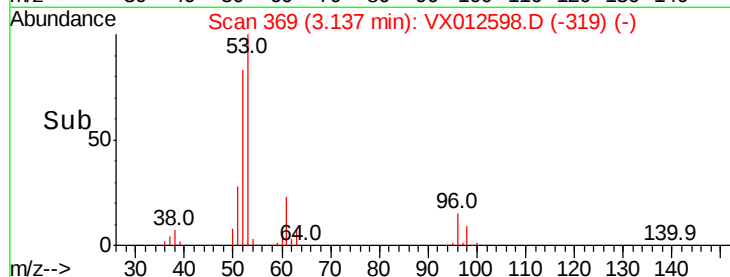
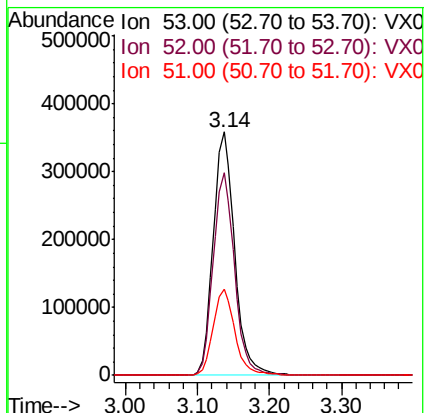
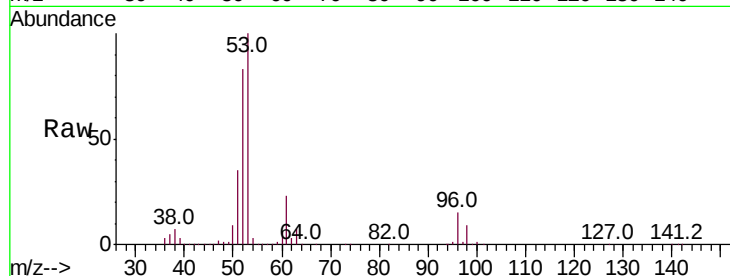
Tot Ion: 53 Resp: 739634

Ion Ratio Lower Upper

53 100

52 83.1 66.1 99.1

51 36.0 29.2 43.8



#16

Acetone

Concen: 513.271 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX012598.D

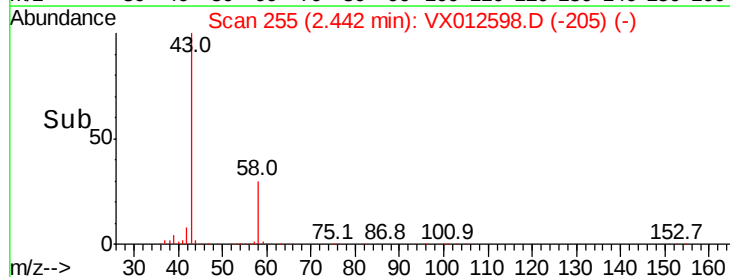
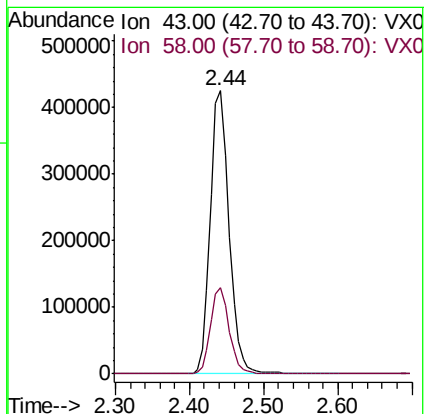
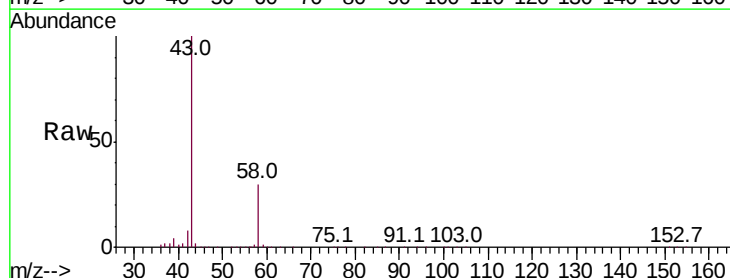
Acq: 23 Sep 2019 11:42

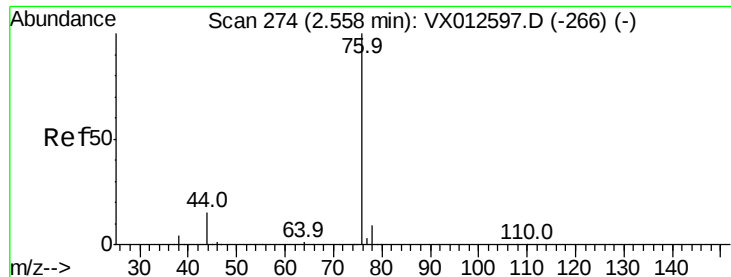
Tgt Ion: 43 Resp: 739132

Ion Ratio Lower Upper

43 100

58 30.3 24.3 36.5





#17

Carbon Disulfide

Concen: 278.163 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

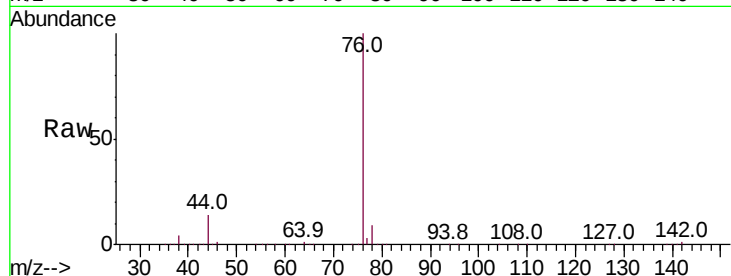
VSTDIC100

Tot Ion: 76 Resp: 604304

Ion Ratio Lower Upper

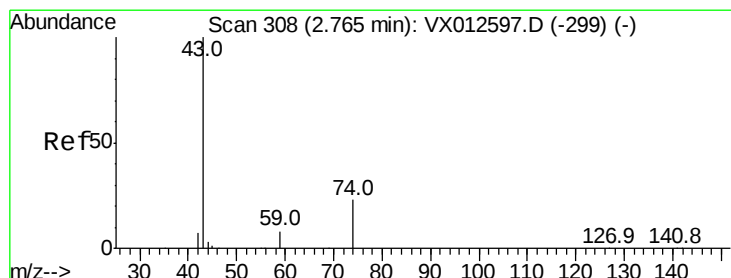
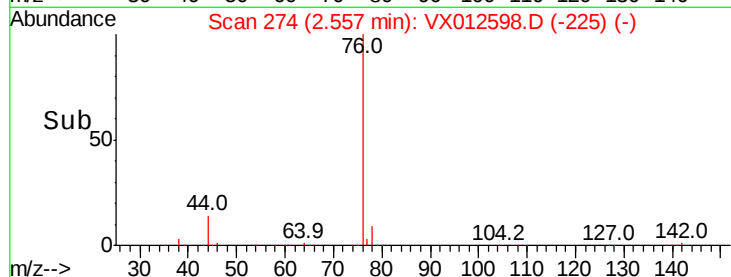
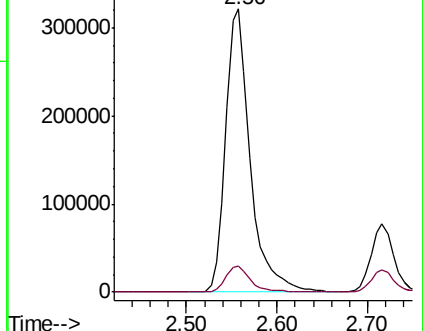
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 117.131 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012598.D

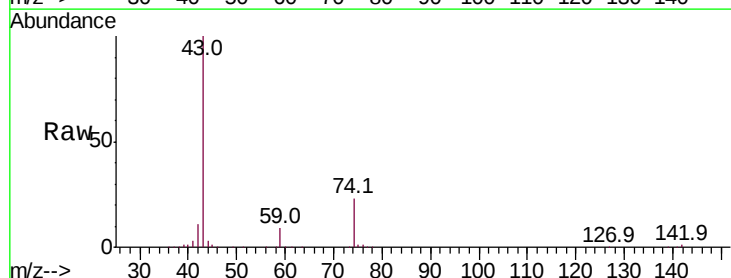
Acq: 23 Sep 2019 11:42

Tgt Ion: 43 Resp: 348786

Ion Ratio Lower Upper

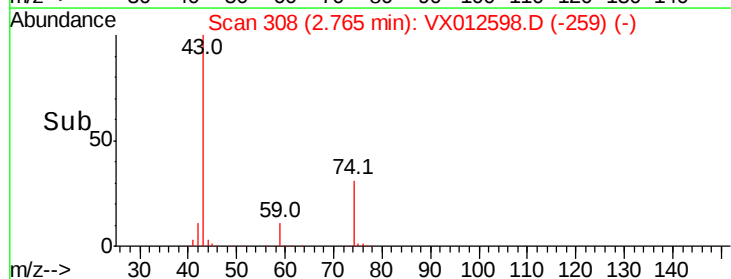
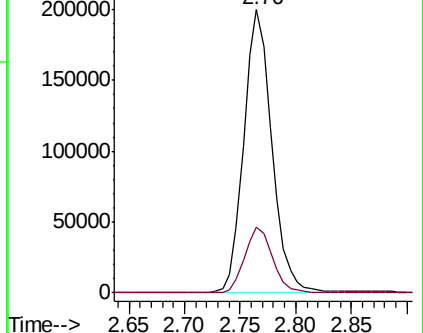
43 100

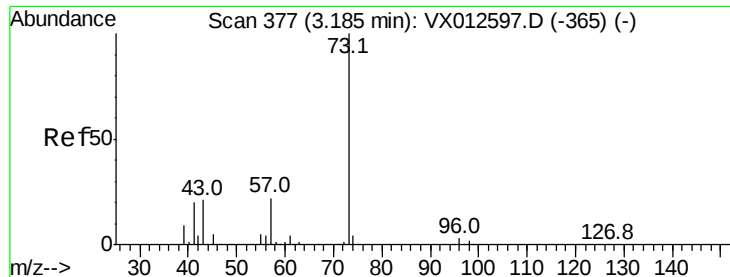
74 23.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



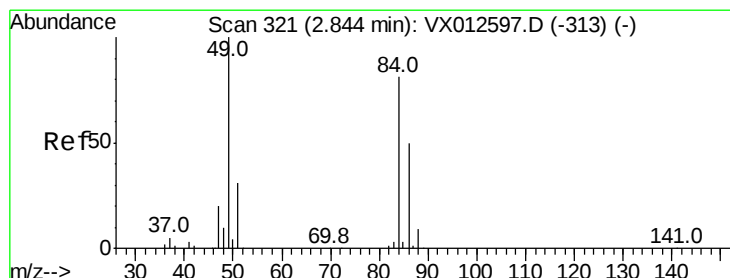
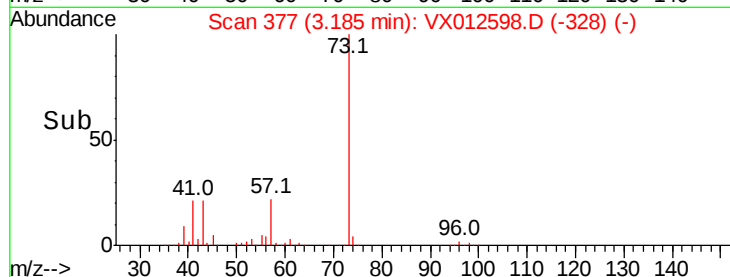
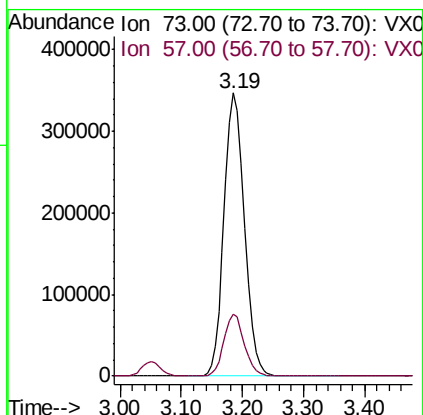
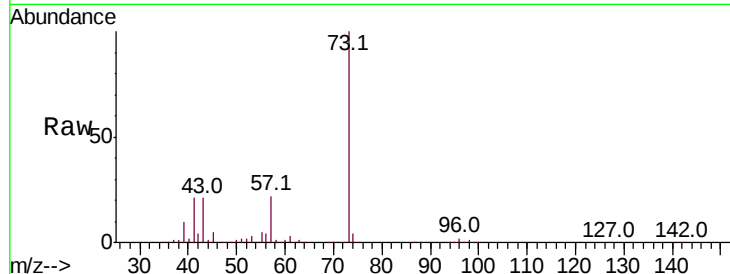


#19

Methyl tert-butyl Ether
 Concen: 116.875 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

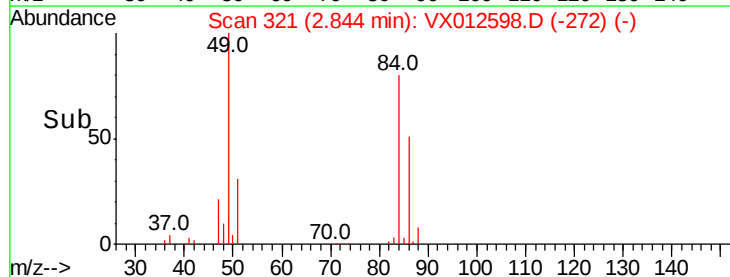
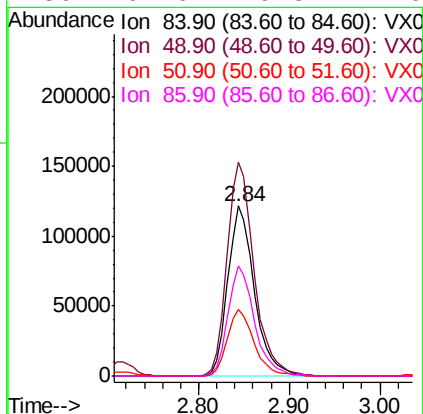
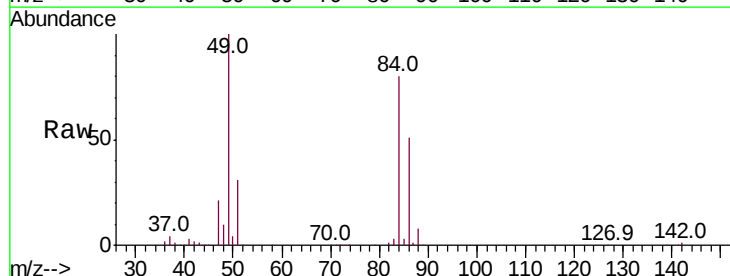
Tot Ion: 73 Resp: 800100
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.5 26.3

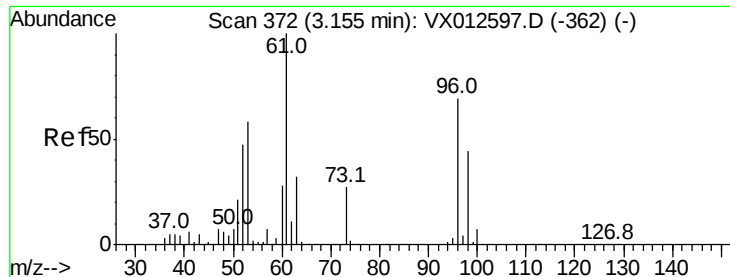


#20

Methylene Chloride
 Concen: 136.681 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion: 84 Resp: 247506
 Ion Ratio Lower Upper
 84 100
 49 125.6 99.3 148.9
 51 39.0 30.4 45.6
 86 64.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 164.590 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

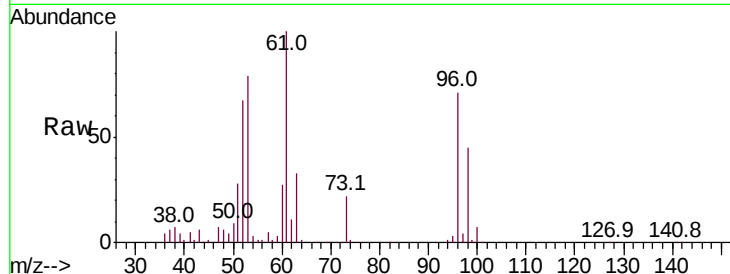
Tot Ion: 96 Resp: 234606

Ion Ratio Lower Upper

96 100

61 140.0 115.7 173.5

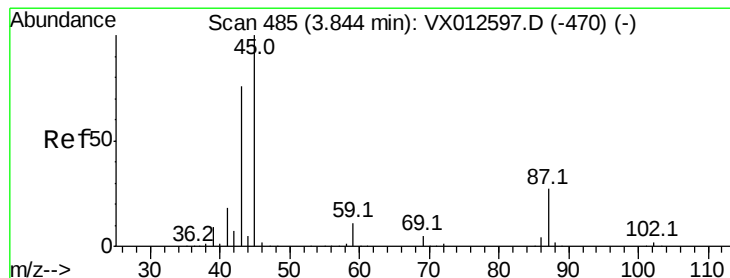
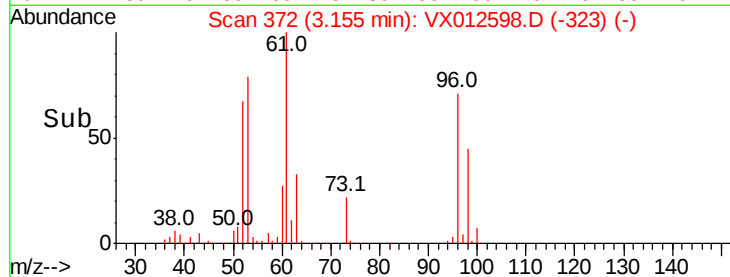
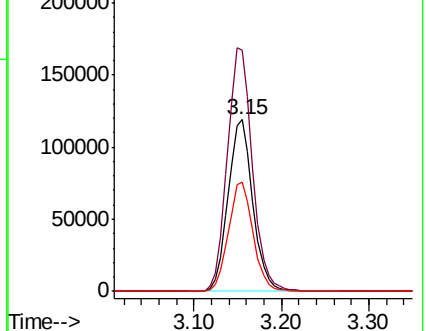
98 63.6 50.6 75.8



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



#22

Diisopropyl ether

Concen: 116.853 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Tgt Ion: 45 Resp: 800373

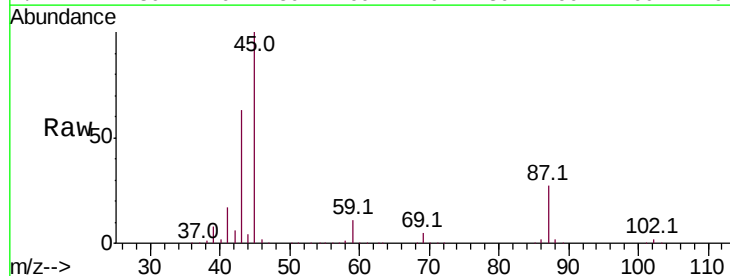
Ion Ratio Lower Upper

45 100

43 63.3 60.8 91.2

87 26.9 21.9 32.9

59 10.9 8.6 12.8

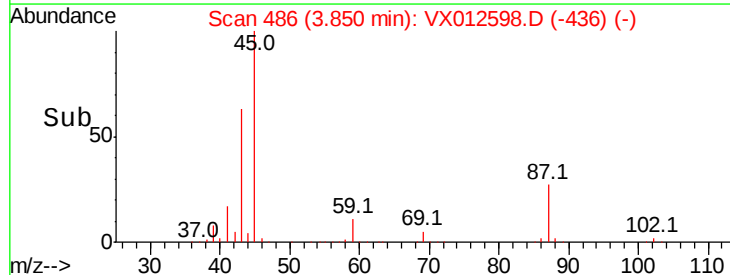
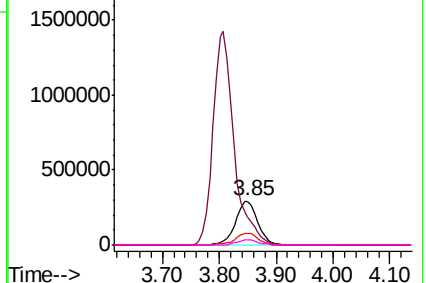


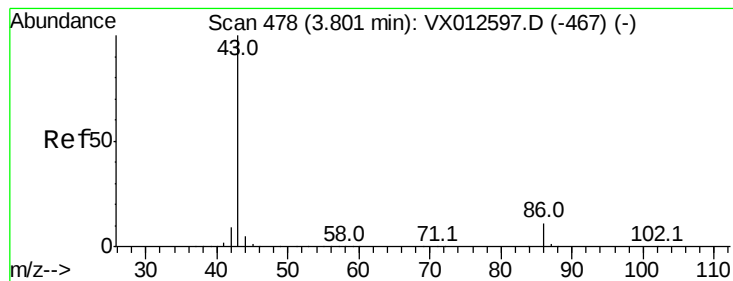
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 640.802 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

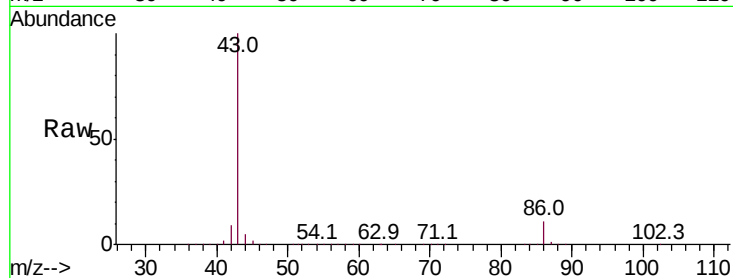
VSTDIC100

Tot Ion: 43 Resp: 3648686

Ion Ratio Lower Upper

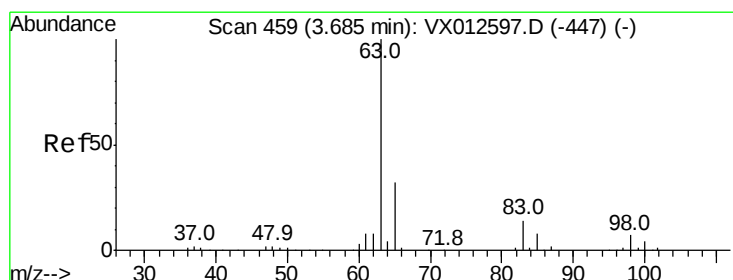
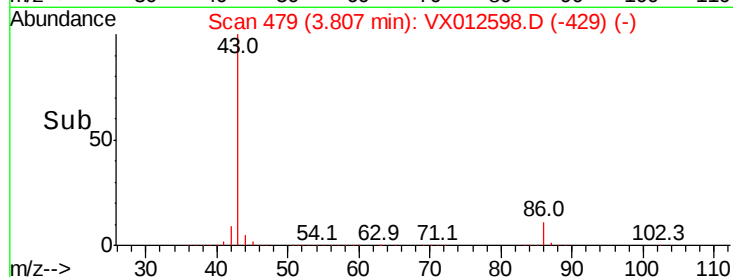
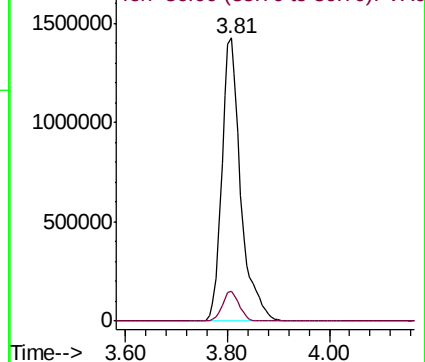
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 131.074 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

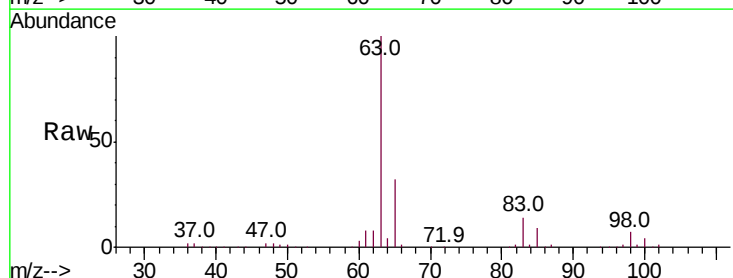
Tgt Ion: 63 Resp: 439714

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

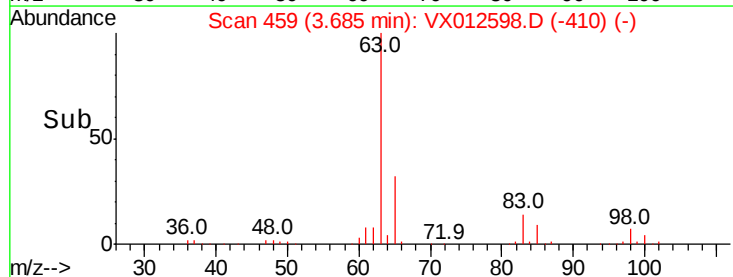
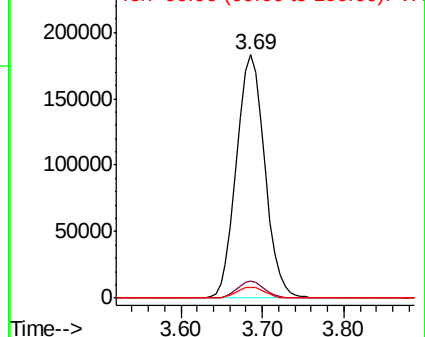
100 4.4 2.0 6.0

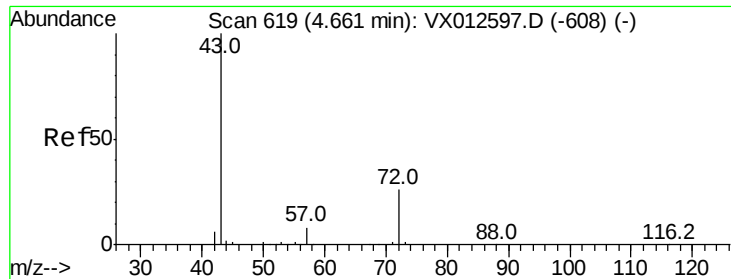


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 555.501 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

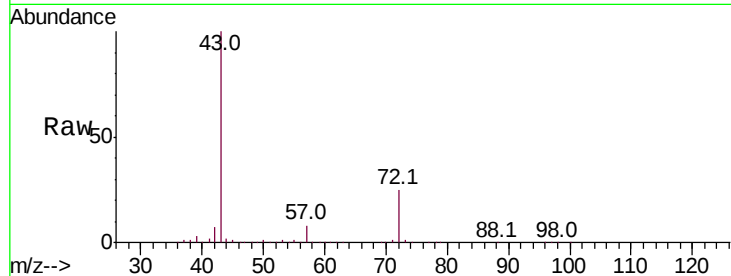
VSTDIC100

Tot Ion: 43 Resp: 1093303

Ion Ratio Lower Upper

43 100

72 25.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

400000

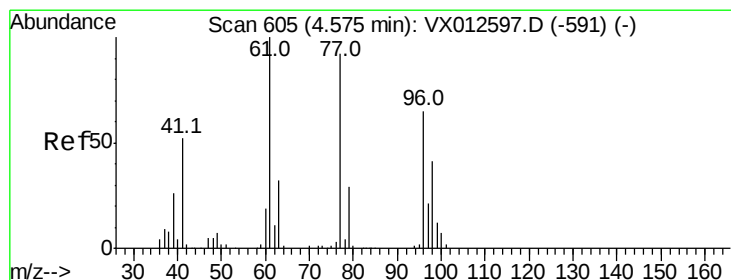
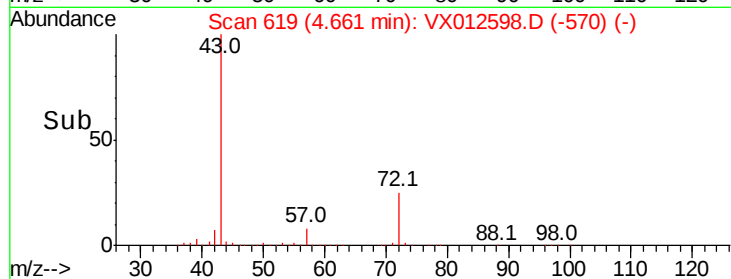
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 119.910 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012598.D

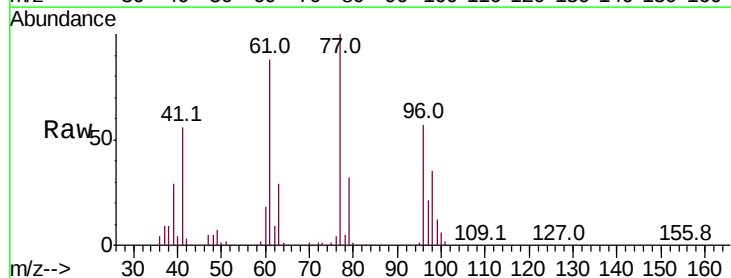
Acq: 23 Sep 2019 11:42

Tgt Ion: 77 Resp: 388432

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

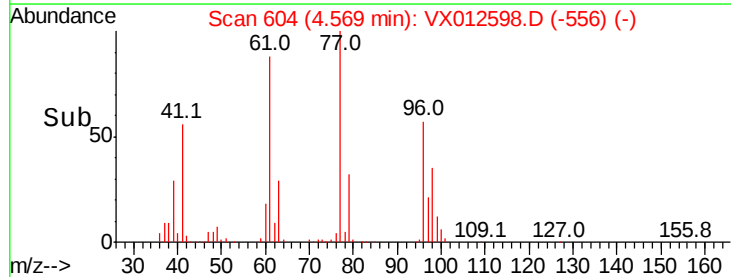
4.57

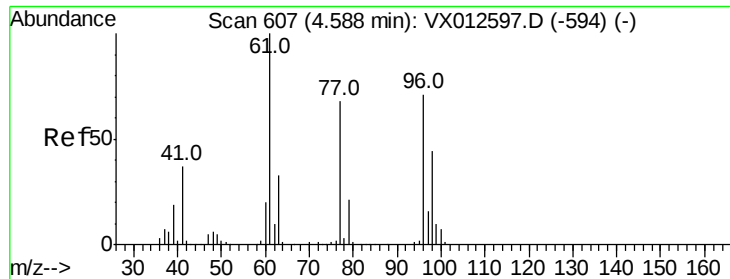
100000

50000

0

Time-->



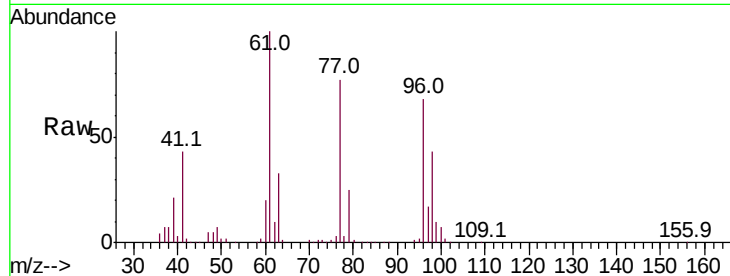


#27

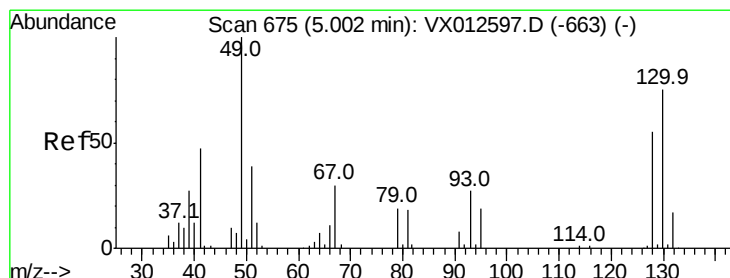
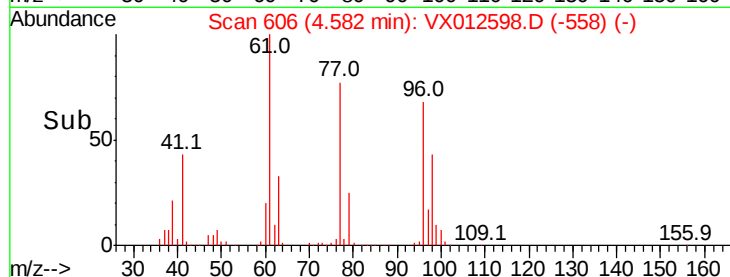
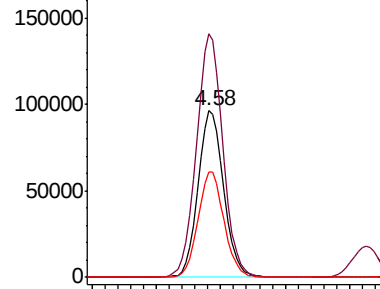
cis-1,2-Dichloroethene
Concen: 133.755 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	303.8
98	64.0	0.0	127.6



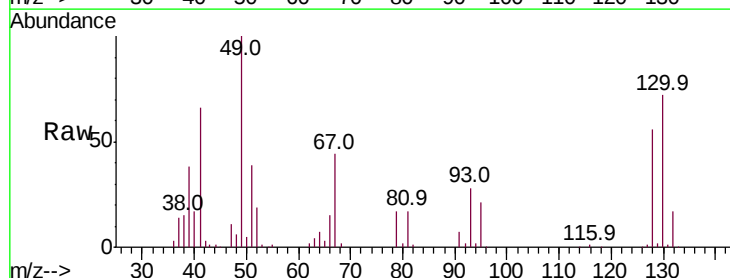
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



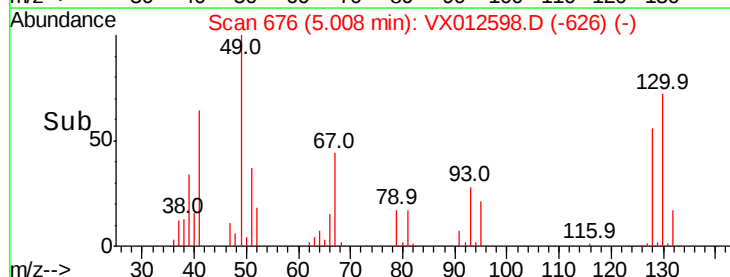
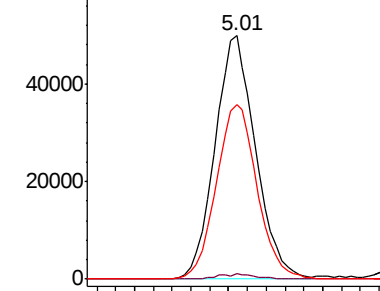
#28

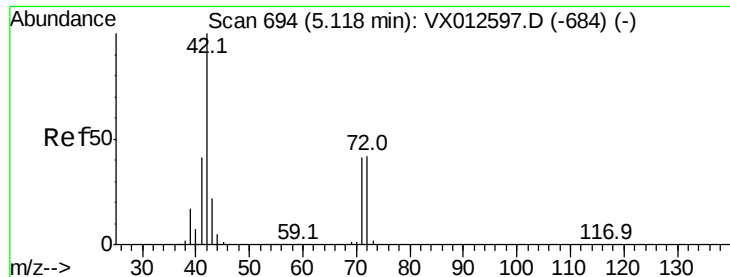
Bromochloromethane
Concen: 91.172 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.5	57.0	85.6



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: 619.344 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

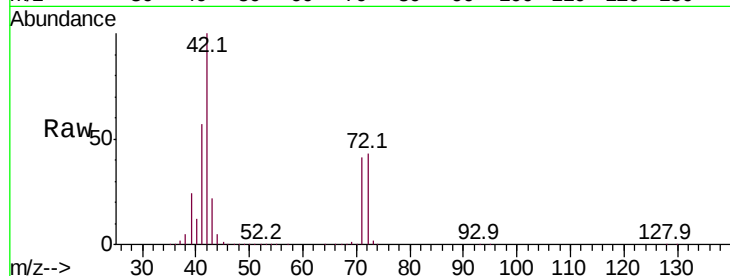
Tot Ion: 42 Resp: 681678

Ion Ratio Lower Upper

42 100

72 43.6 34.6 51.8

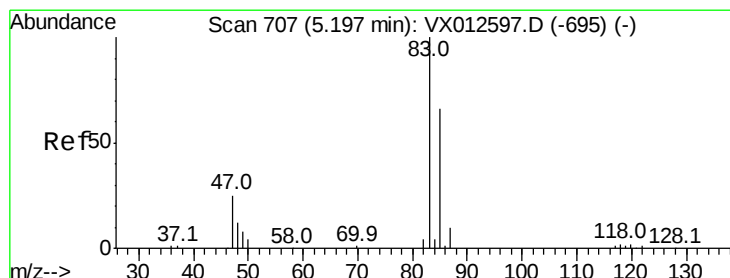
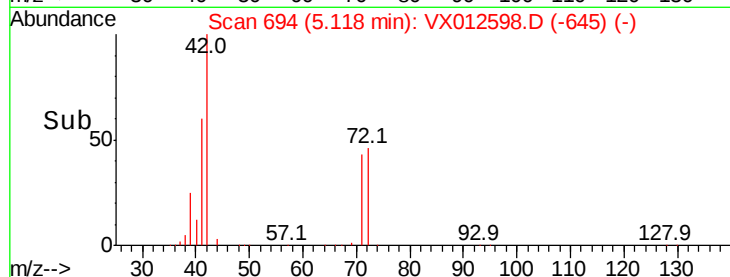
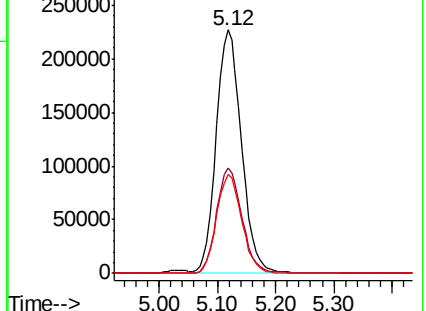
71 40.6 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 116.858 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012598.D

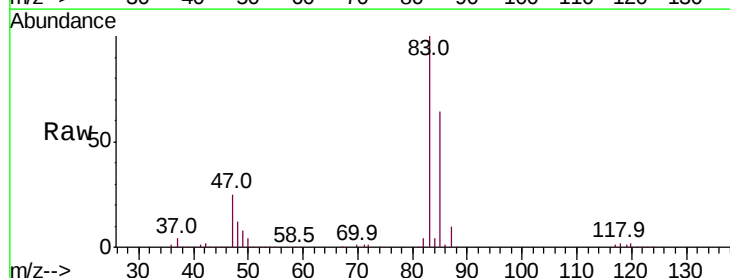
Acq: 23 Sep 2019 11:42

Tgt Ion: 83 Resp: 440467

Ion Ratio Lower Upper

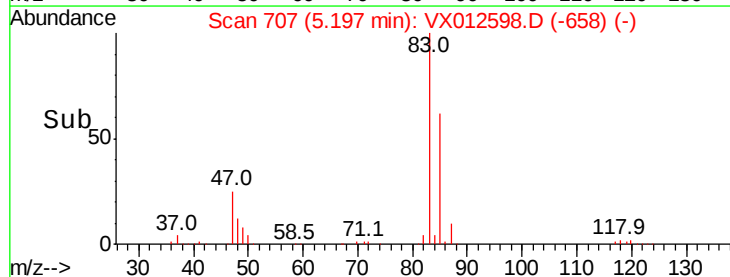
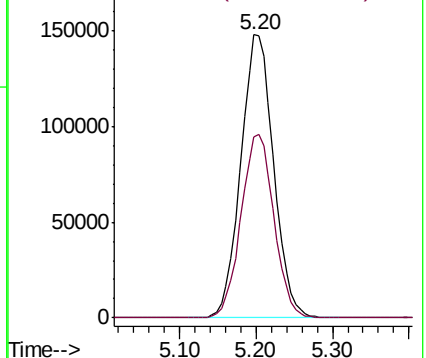
83 100

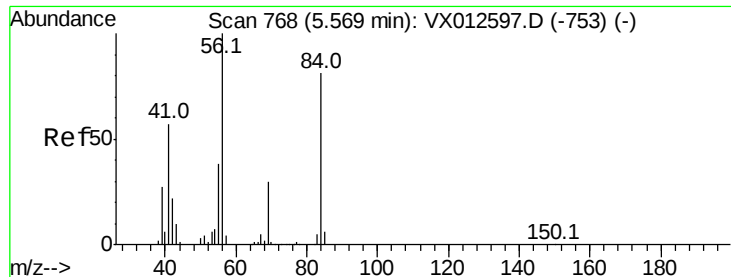
85 64.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

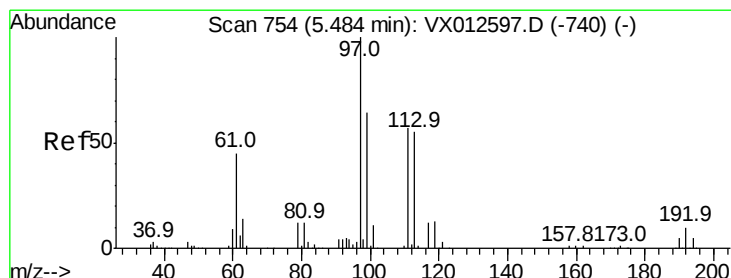
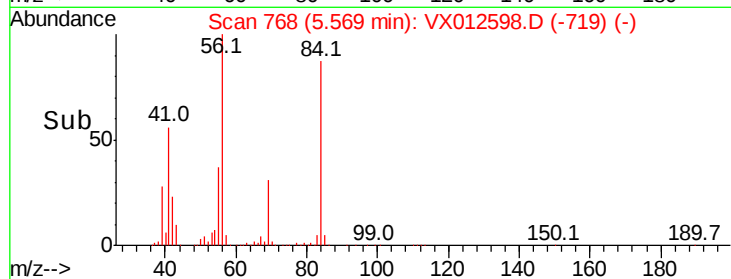
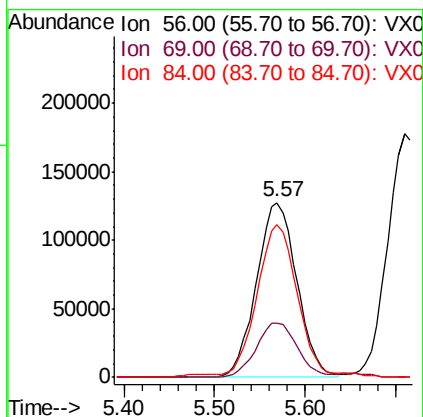
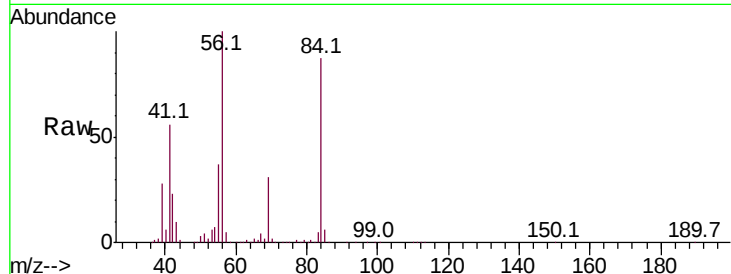




#31
Cyclohexane
Concen: 171.927 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

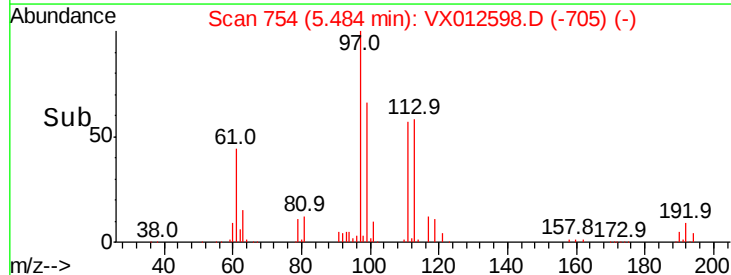
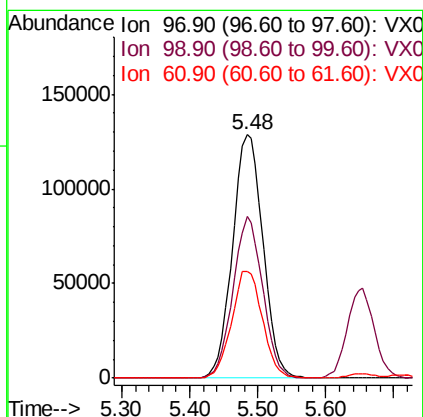
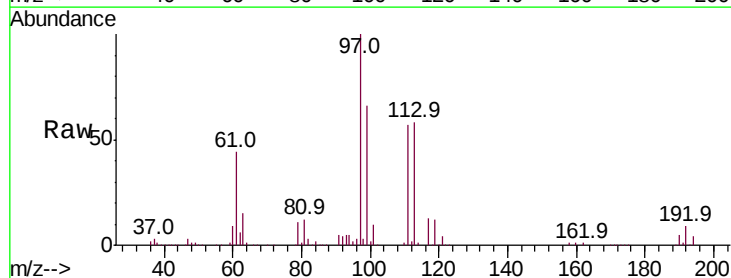
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

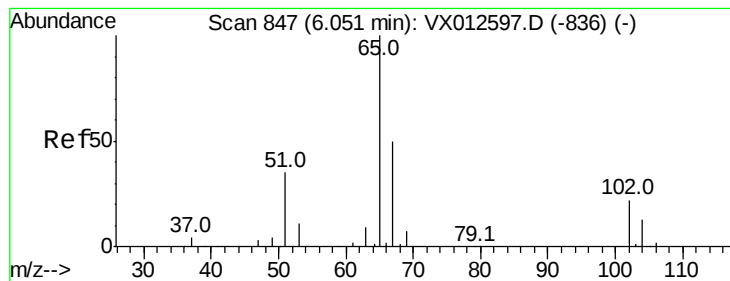
Tot Ion: 56 Resp: 393059
Ion Ratio Lower Upper
56 100
69 30.8 24.3 36.5
84 85.9 65.0 97.6



#32
1,1,1-Trichloroethane
Concen: 125.326 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 97 Resp: 399160
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 44.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 100.141 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

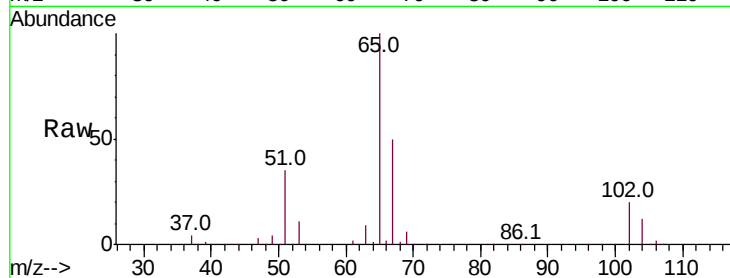
VSTDIC100

Tot Ion: 65 Resp: 283873

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

60000

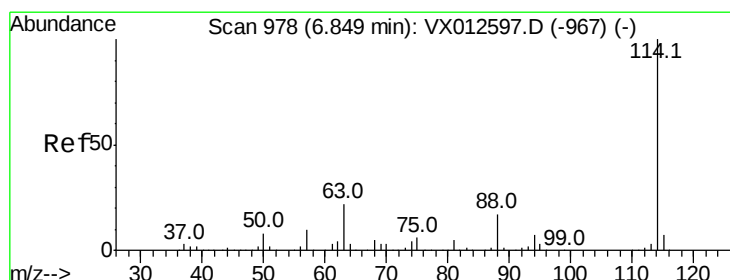
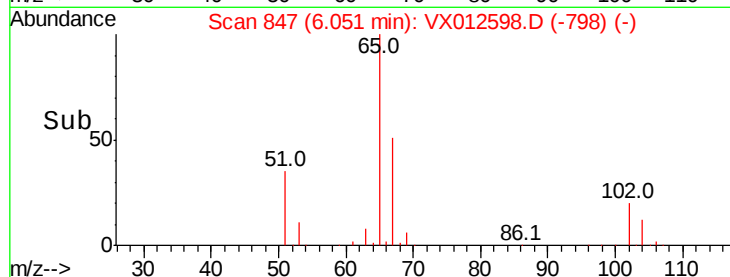
40000

20000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

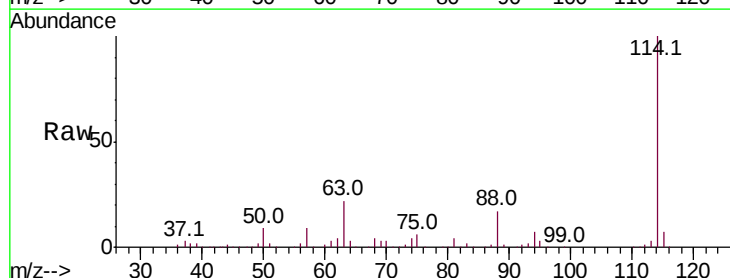
Tgt Ion:114 Resp: 349195

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.4

88 17.0 0.0 33.2



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

200000

150000

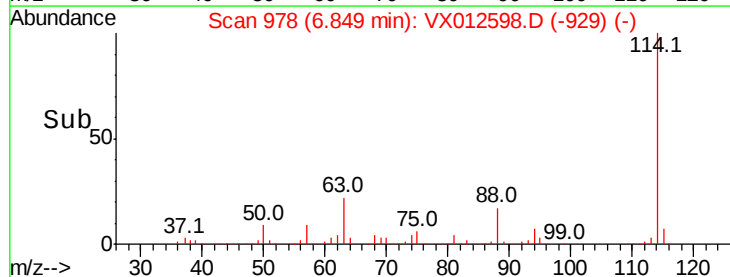
100000

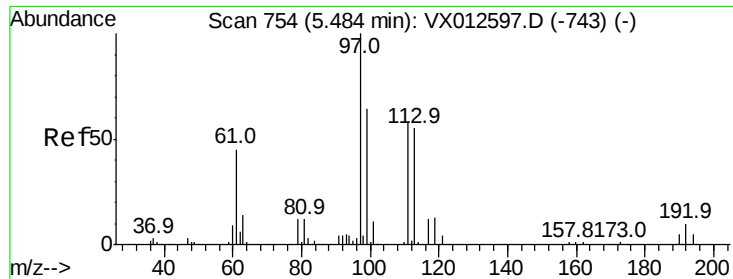
50000

0

Time-->

6.70 6.80 6.90 7.00

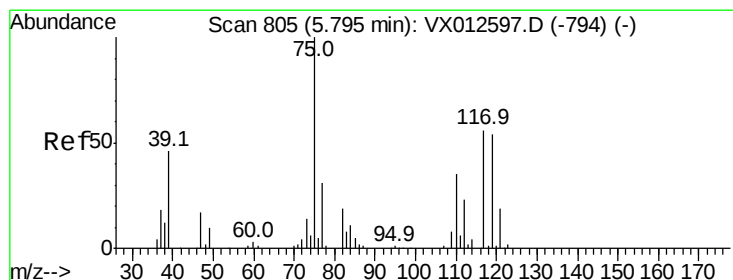
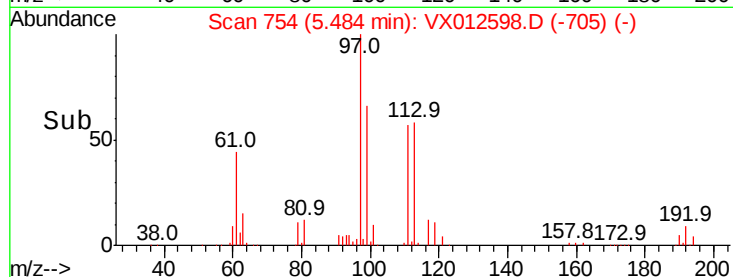
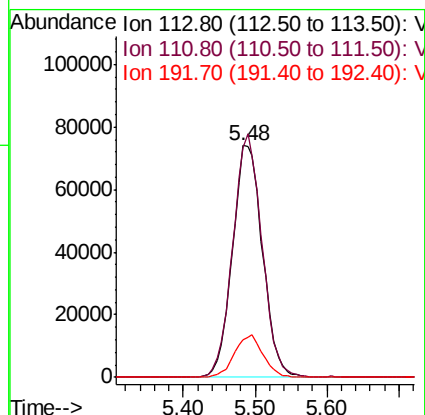
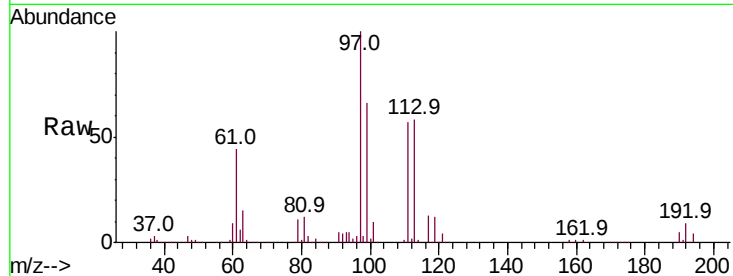




#35
 Dibromofluoromethane
 Concen: 101.280 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

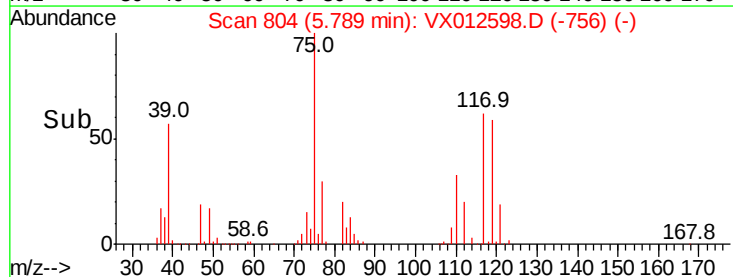
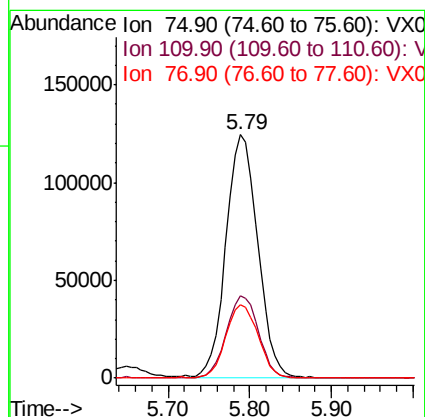
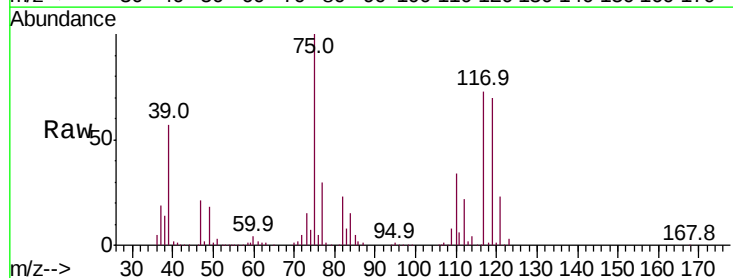
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

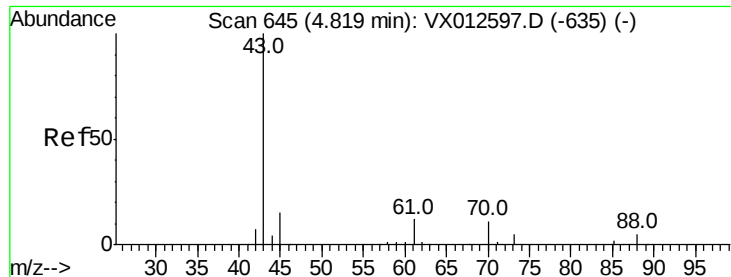
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.6
192	17.4	14.5	21.7



#36
 1,1-Dichloropropene
 Concen: 147.377 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.6	52.8
77	31.0	25.1	37.7





#37

Ethyl Acetate

Concen: 121.959 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

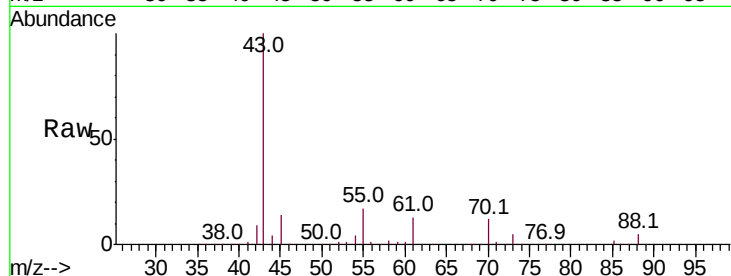
Tot Ion: 43 Resp: 401736

Ion Ratio Lower Upper

43 100

61 13.1 10.8 16.2

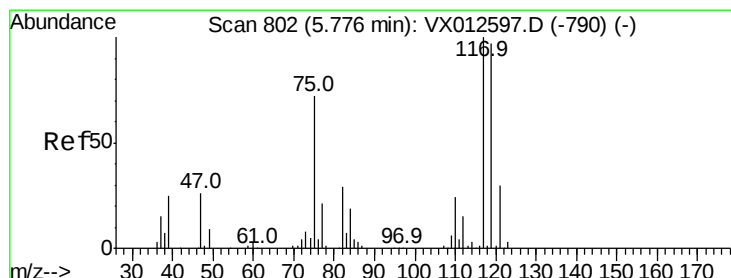
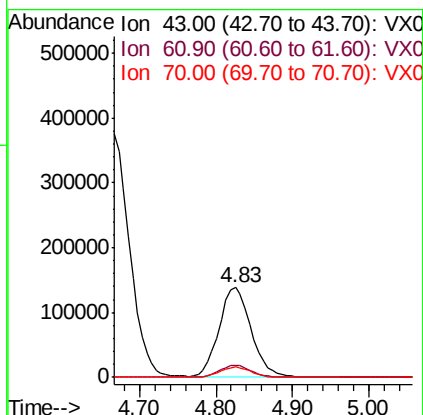
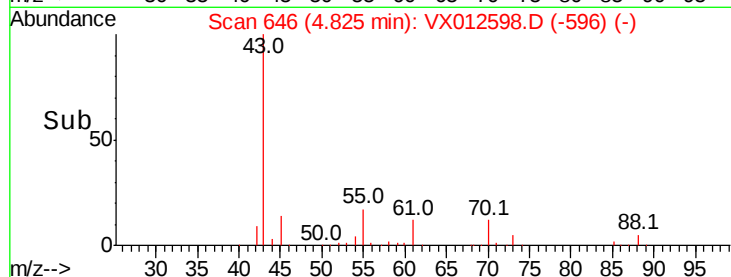
70 11.3 9.0 13.6



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: 127.389 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

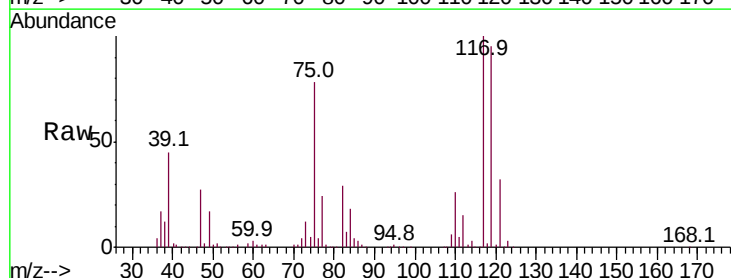
Tgt Ion: 117 Resp: 347093

Ion Ratio Lower Upper

117 100

119 94.5 77.1 115.7

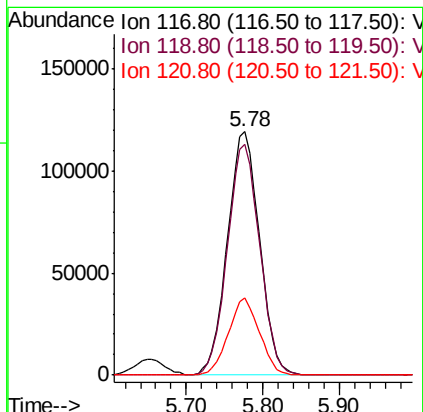
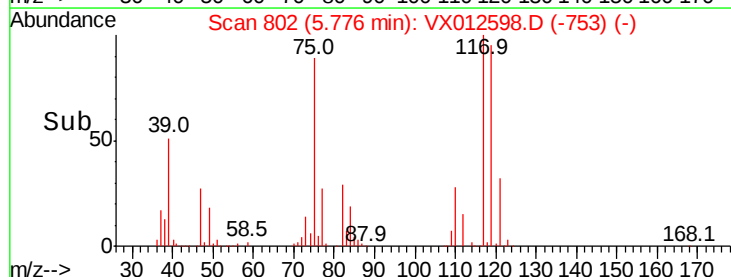
121 31.7 23.7 35.5

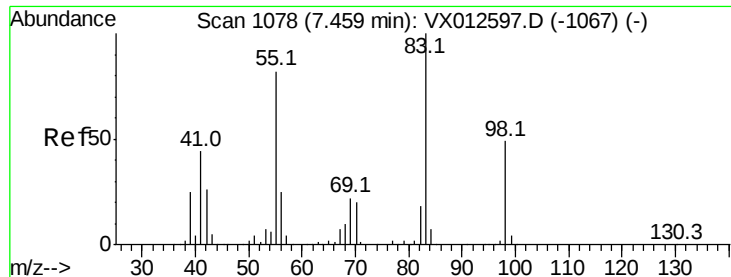


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

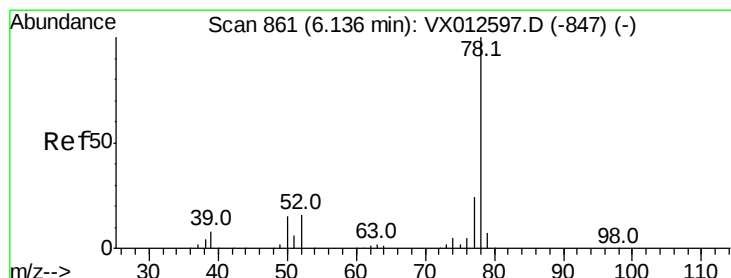
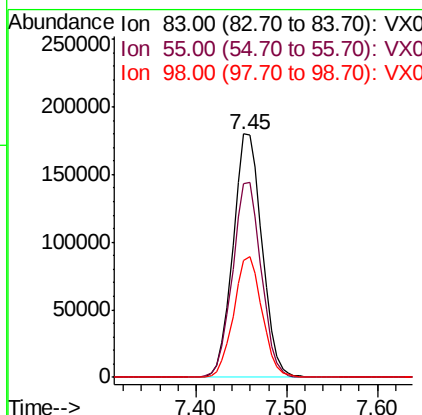
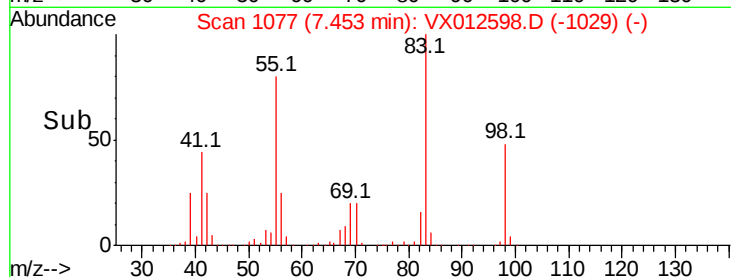
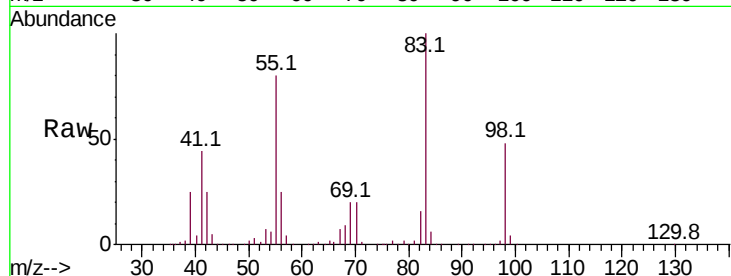




#39
Methvlcvclohexane
Concen: 172.430 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

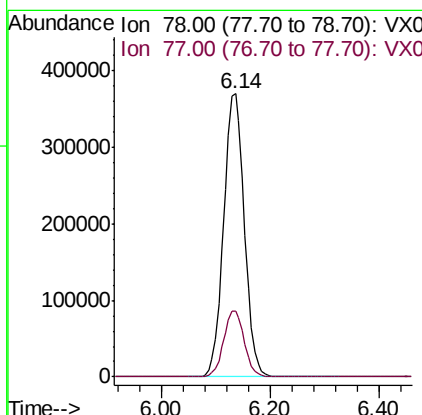
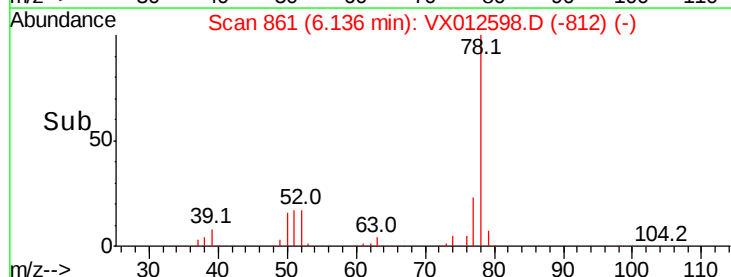
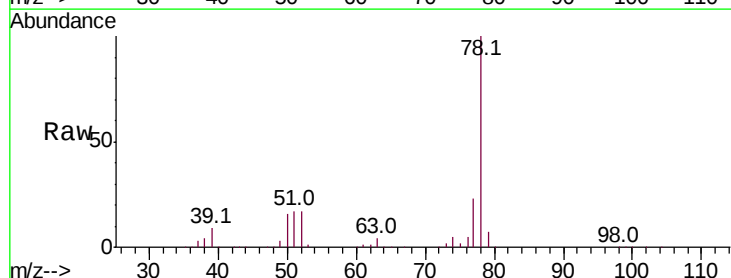
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

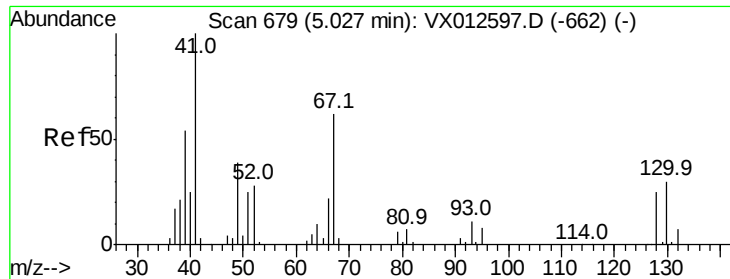
Tot Ion: 83 Resp: 398643
Ion Ratio Lower Upper
83 100
55 79.7 65.6 98.4
98 48.2 39.4 59.0



#40
Benzene
Concen: 137.099 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 78 Resp: 978590
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

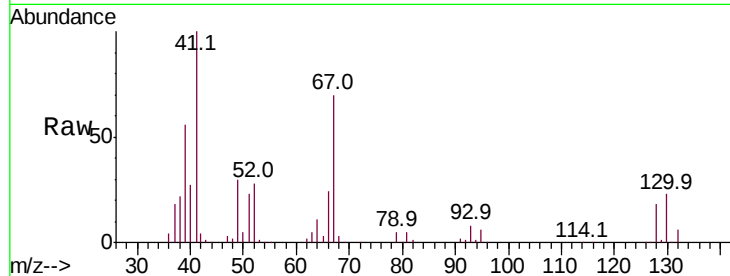




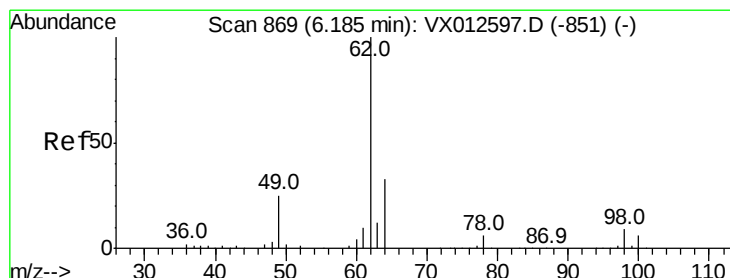
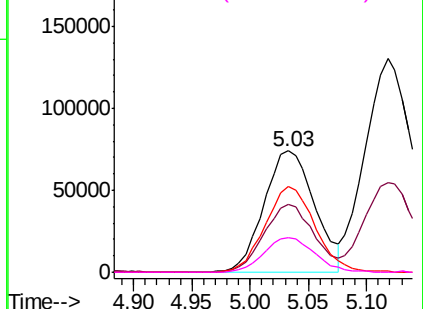
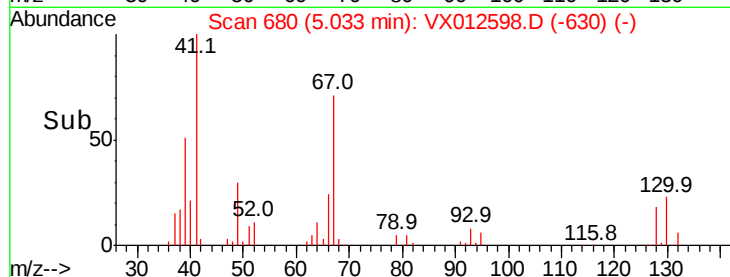
#41
Methacrylonitrile
Concen: 107.083 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion:	41	Resp:	223912
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.2	66.4
67	69.2	55.2	82.8
52	28.5	22.9	34.3

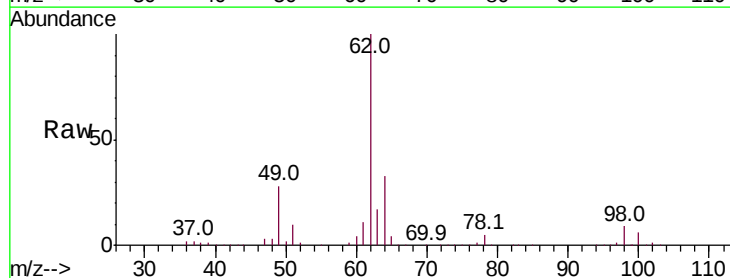


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

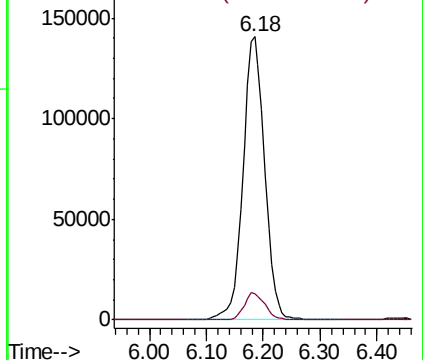
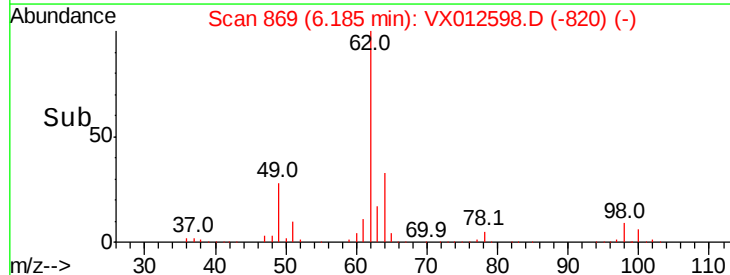


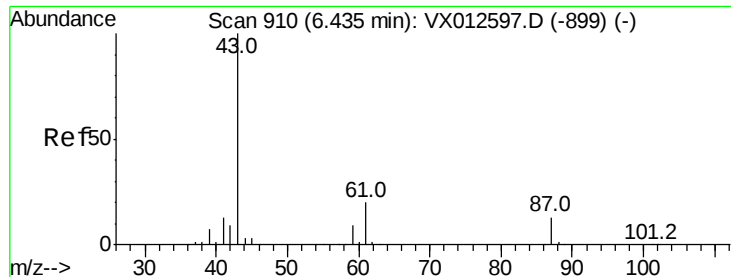
#42
1,2-Dichloroethane
Concen: 116.540 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:	62	Resp:	371954
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 113.281 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

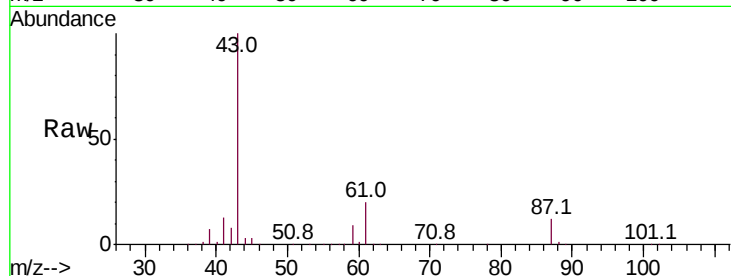
Tot Ion: 43 Resp: 663506

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

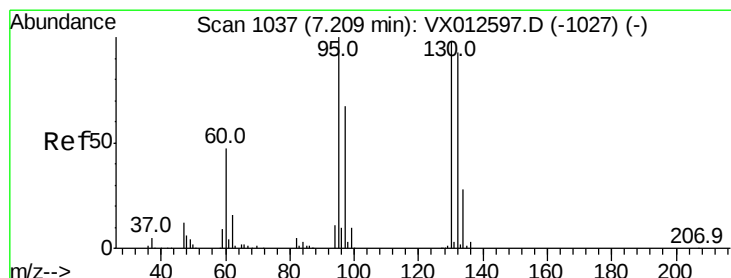
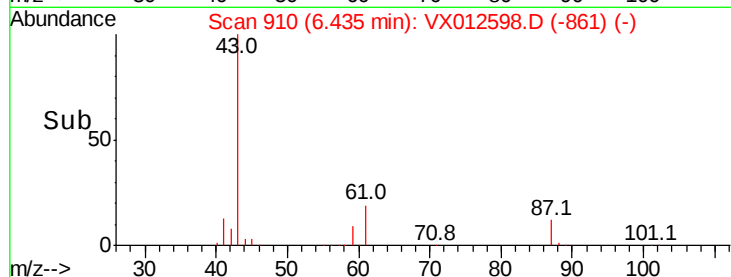
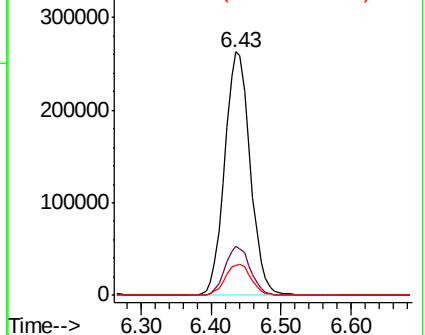
87 13.0 10.2 15.4



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: 134.928 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX012598.D

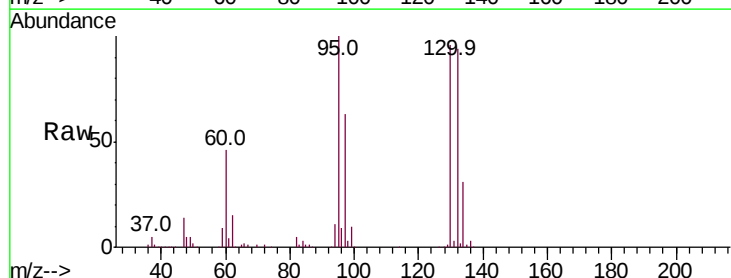
Acq: 23 Sep 2019 11:42

Tgt Ion:130 Resp: 250354

Ion Ratio Lower Upper

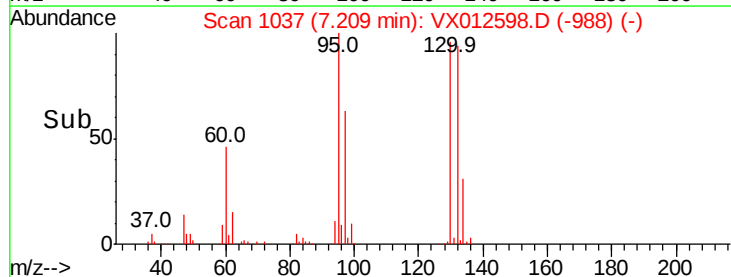
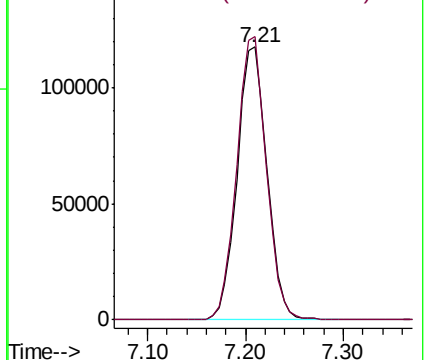
130 100

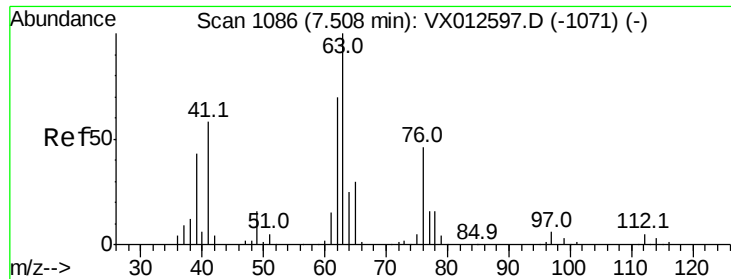
95 103.7 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

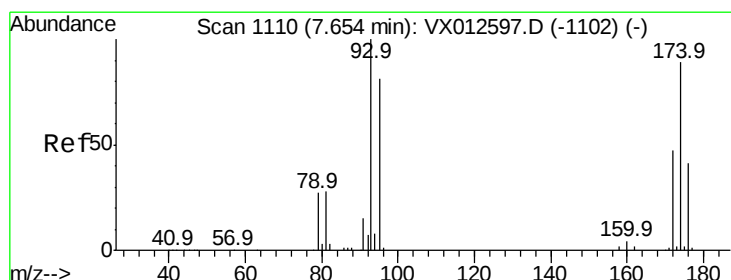
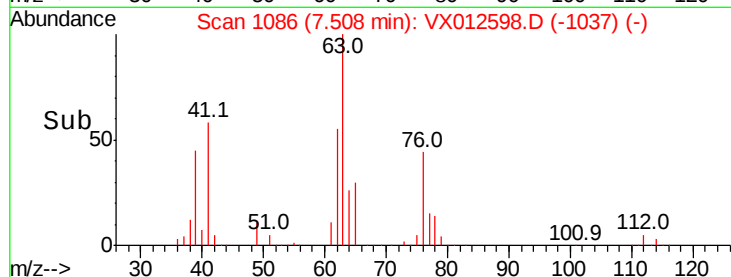
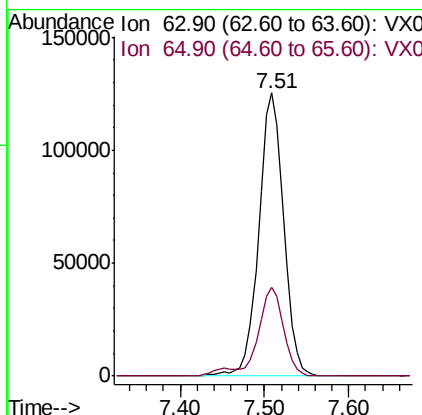
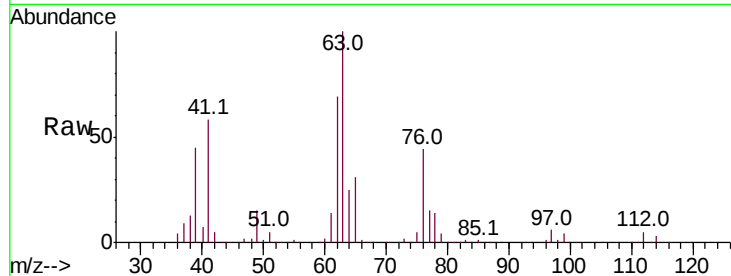




#45
 1,2-Dichloropropane
 Concen: 119.875 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

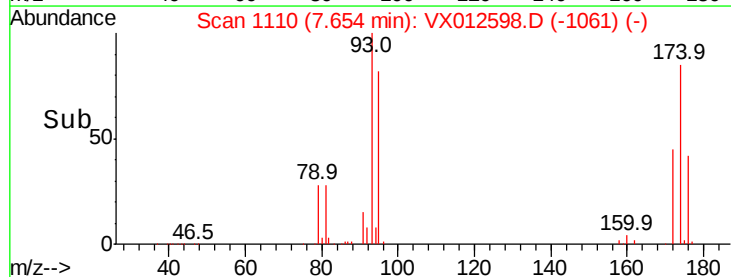
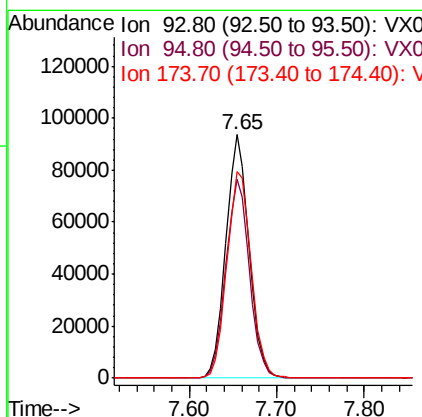
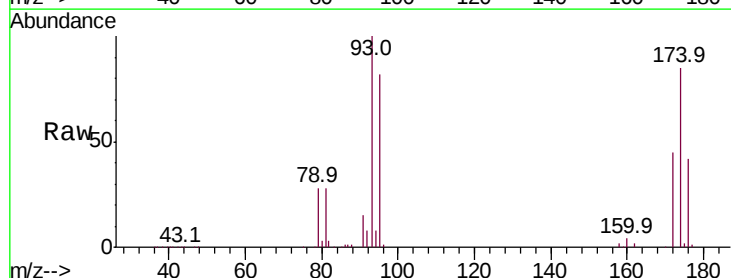
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

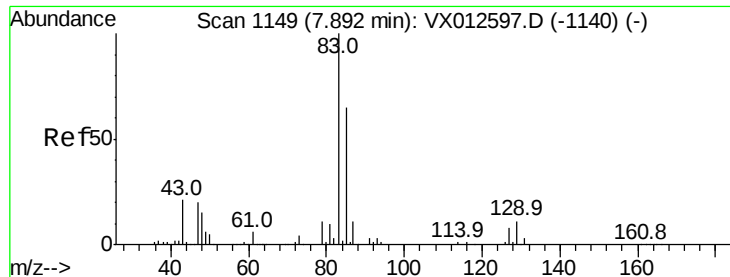
Tot Ion: 63 Resp: 254089
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.3 36.5



#46
 Dibromomethane
 Concen: 124.798 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion: 93 Resp: 172364
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.4 98.0
 174 88.8 72.0 108.0





#47

Bromodichloromethane

Concen: 118.740 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

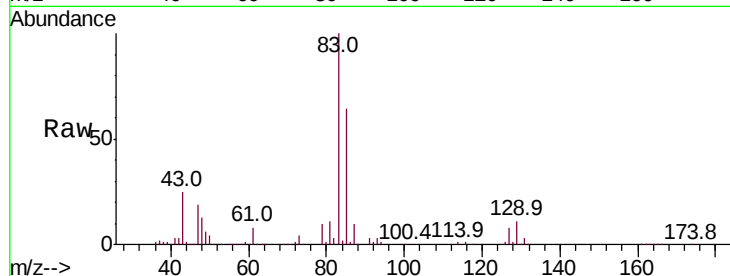
Tot Ion: 83 Resp: 358007

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

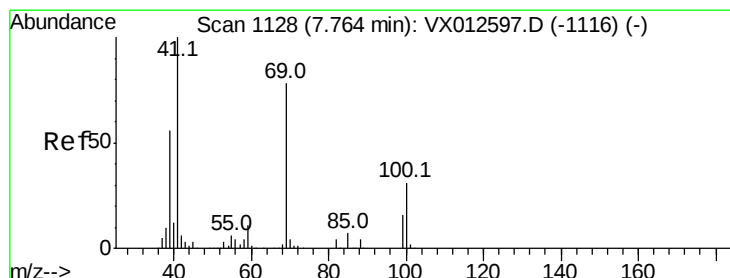
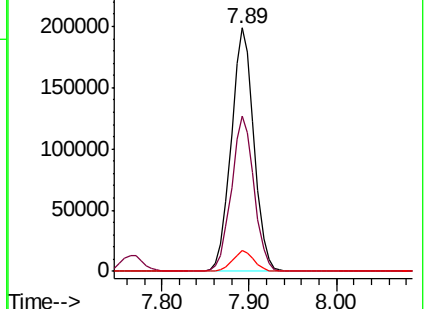
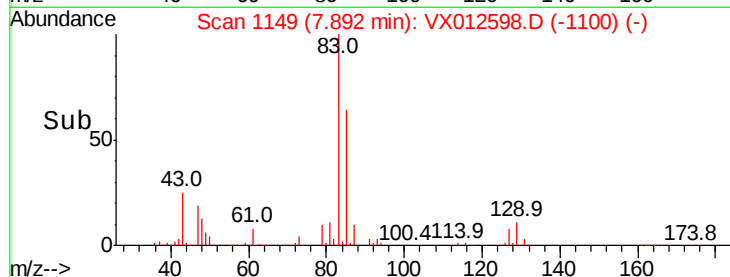
127 8.5 6.2 9.4



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: 117.106 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

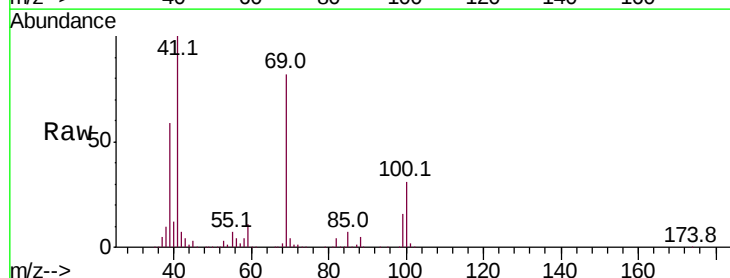
Tgt Ion: 41 Resp: 325320

Ion Ratio Lower Upper

41 100

69 80.3 62.6 93.8

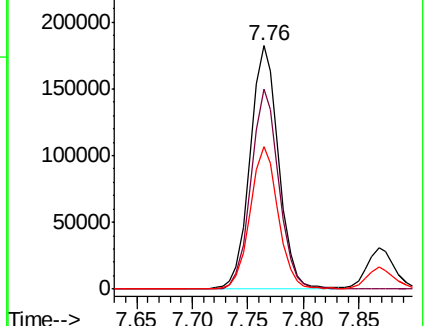
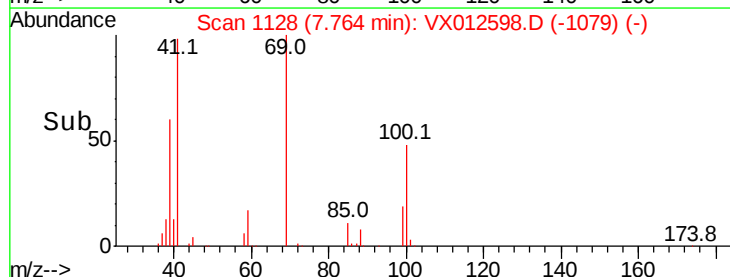
39 57.5 44.4 66.6

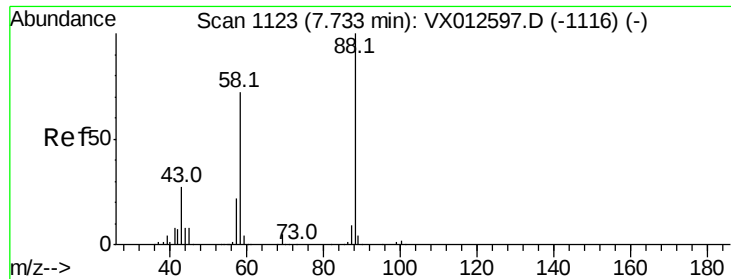


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

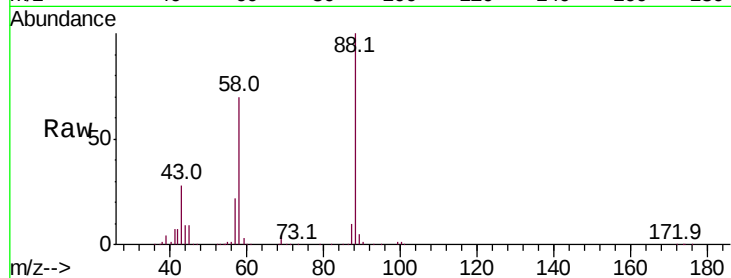




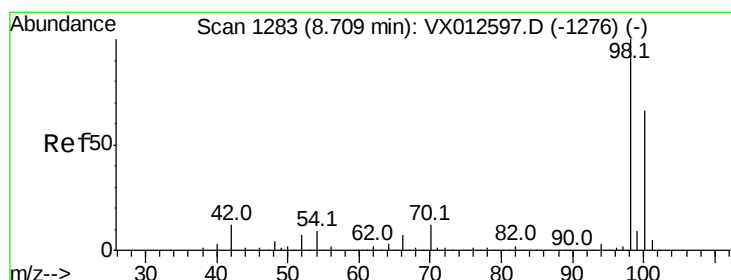
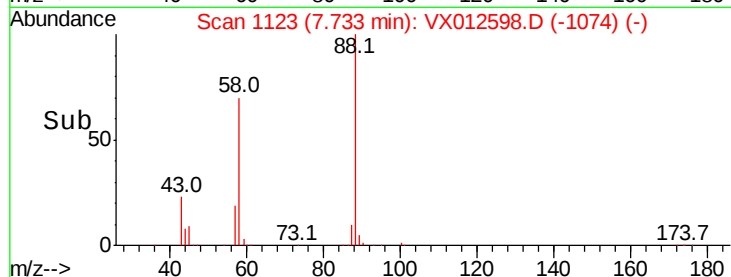
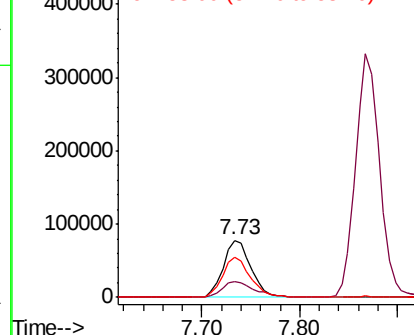
#49
1,4-Dioxane
Concen: 2254.921 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 151962
Ion Ratio Lower Upper
88 100
43 32.7 27.6 41.4
58 71.6 57.1 85.7

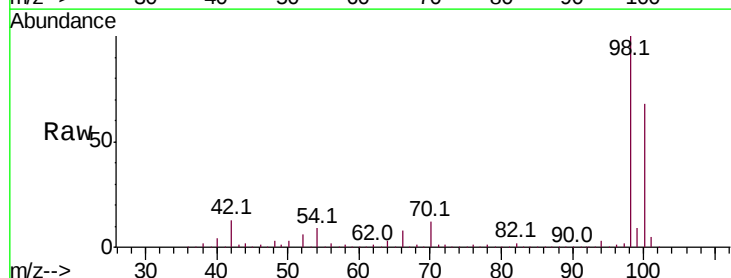


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

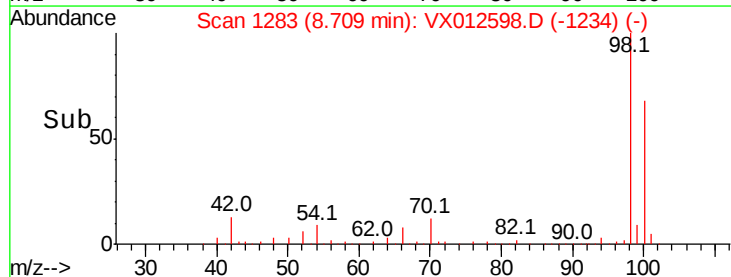
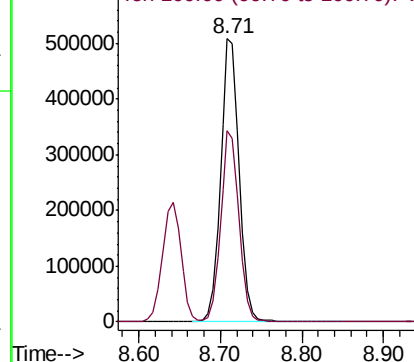


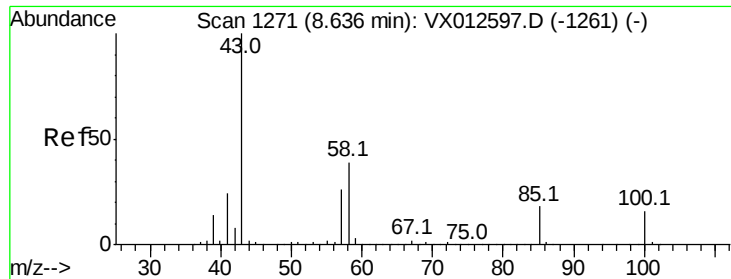
#50
Toluene-d8
Concen: 102.240 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 98 Resp: 806951
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 551.004 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

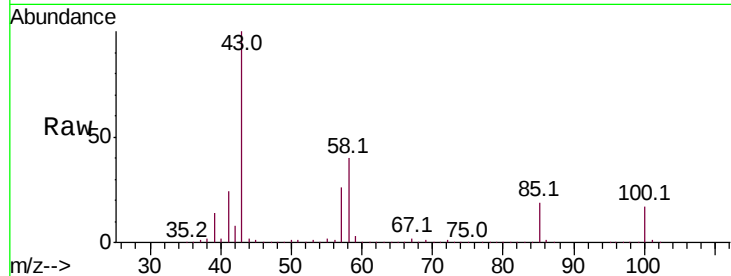
VSTDIC100

Tot Ion: 43 Resp: 2097690

Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

1500000 Ion 58.00 (57.70 to 58.70): VX0

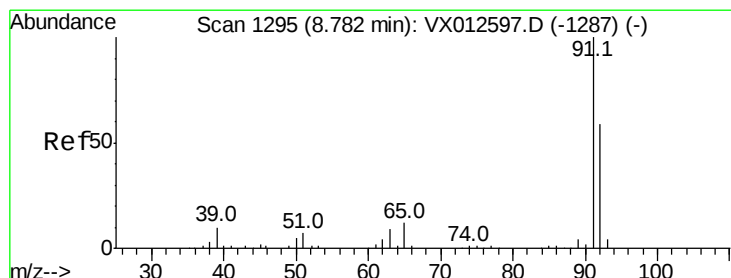
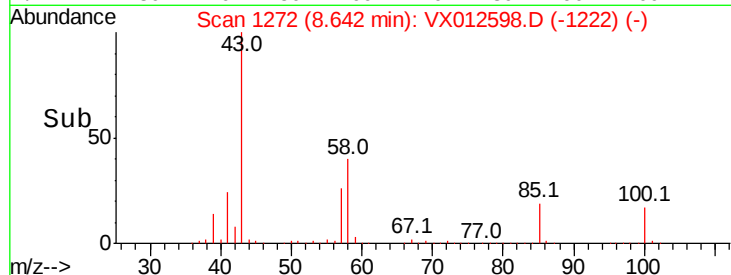
8.64

1000000

500000

0

Time-->



#52

Toluene

Concen: 136.056 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012598.D

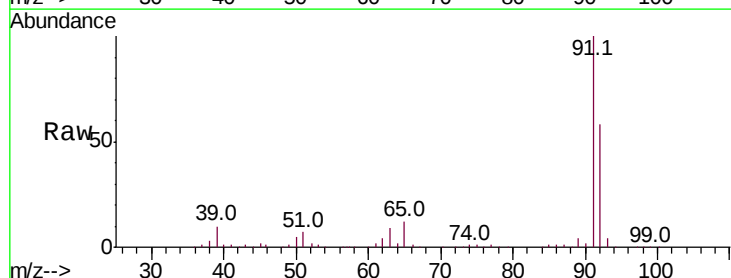
Acq: 23 Sep 2019 11:42

Tgt Ion: 92 Resp: 621792

Ion Ratio Lower Upper

92 100

91 168.5 134.2 201.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

800000 Ion 91.00 (90.70 to 91.70): VX0

8.78

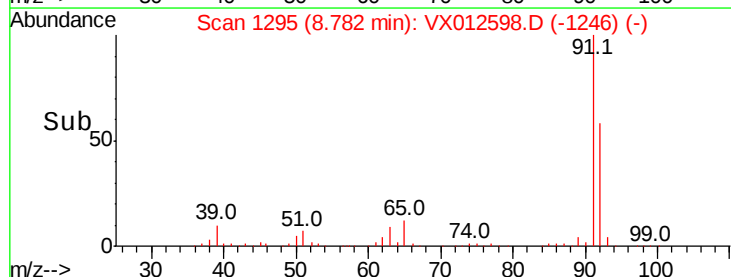
600000

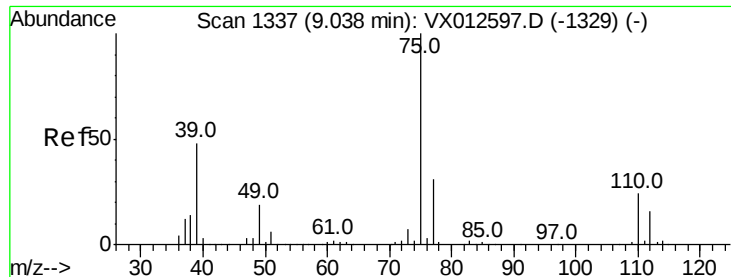
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 130.745 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

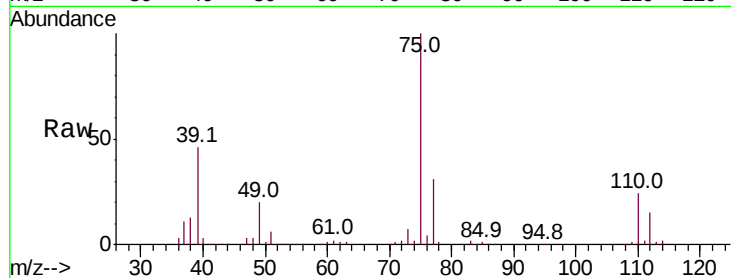
VSTDIC100

Tot Ion: 75 Resp: 413910

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

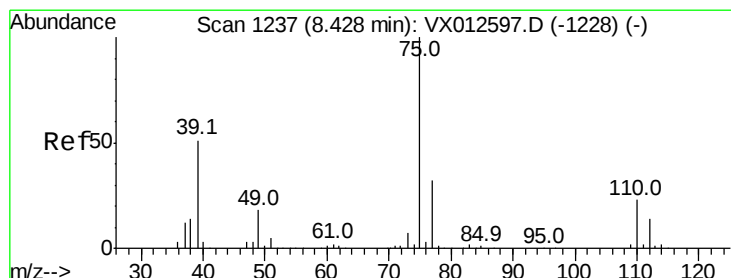
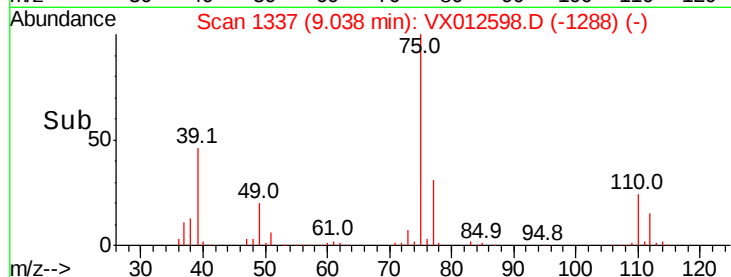
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 132.251 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

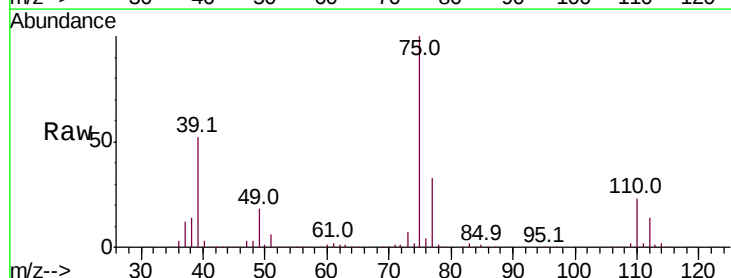
Tgt Ion: 75 Resp: 437597

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 51.7 40.7 61.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

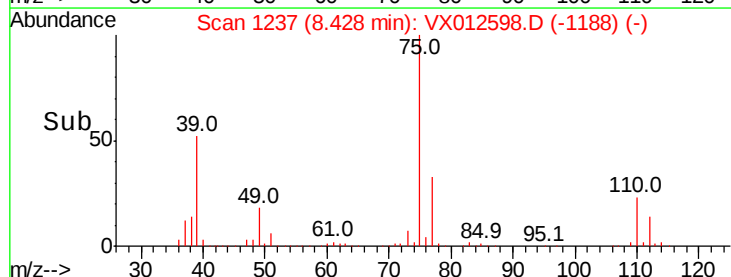
300000

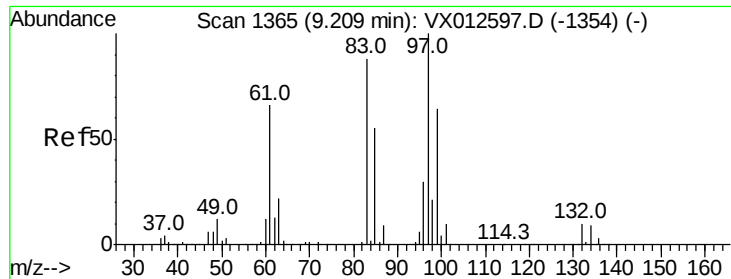
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 110.791 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 249438

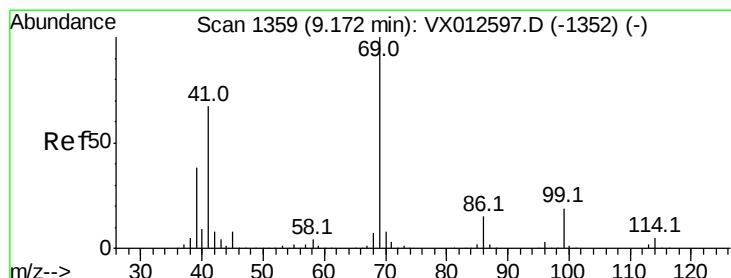
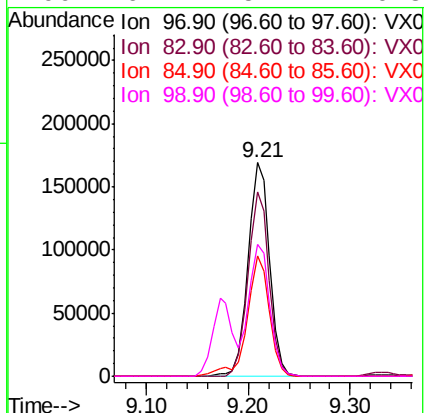
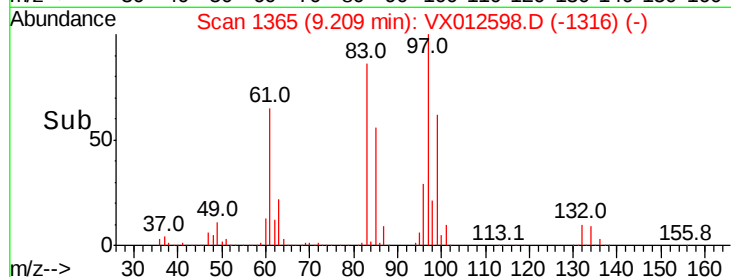
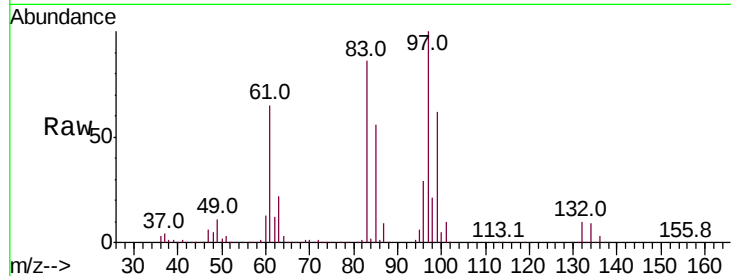
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.5	105.7
85	56.3	43.9	65.9
99	61.7	51.2	76.8

97 100

83 86.2 70.5 105.7

85 56.3 43.9 65.9

99 61.7 51.2 76.8



#56

Ethyl methacrylate

Concen: 123.906 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

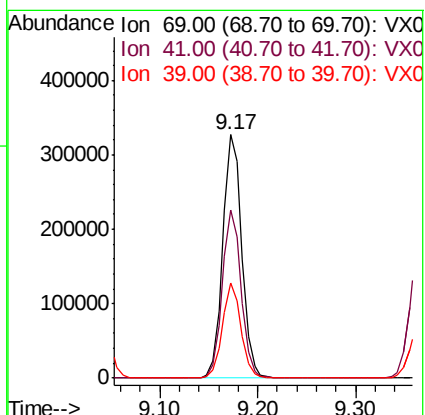
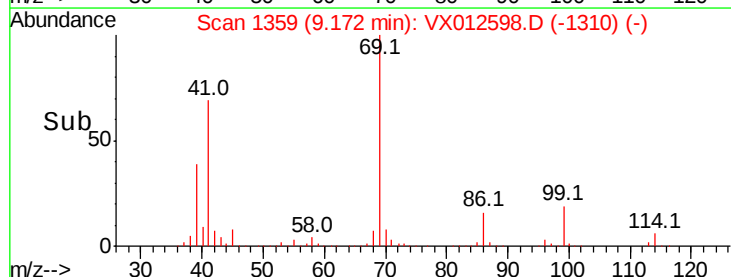
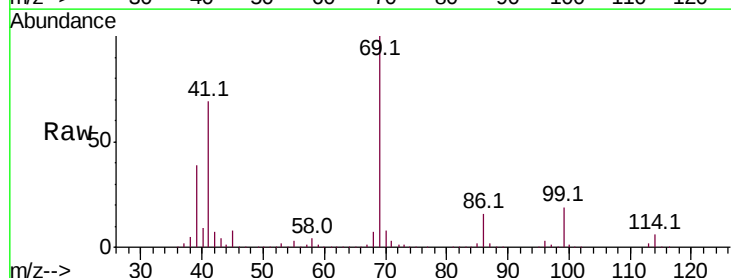
Tgt Ion: 69 Resp: 441181

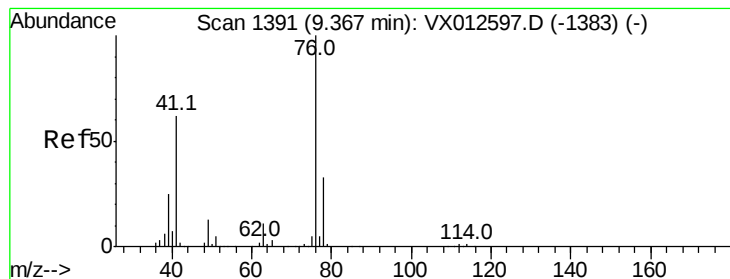
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.7	82.1
39	37.9	30.6	46.0

69 100

41 68.4 54.7 82.1

39 37.9 30.6 46.0





#57

1,3-Dichloropropane

Concen: 118.162 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

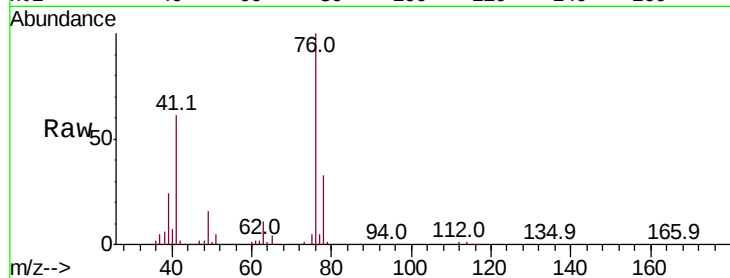
VSTDIC100

Tot Ion: 76 Resp: 429238

Ion Ratio Lower Upper

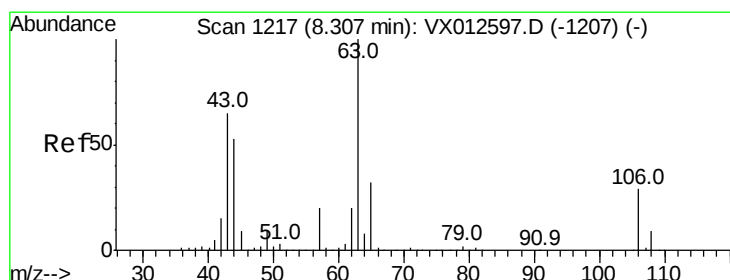
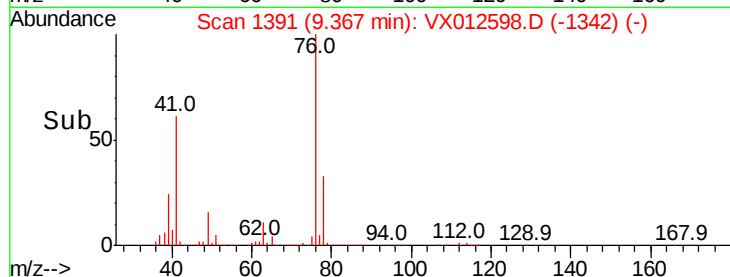
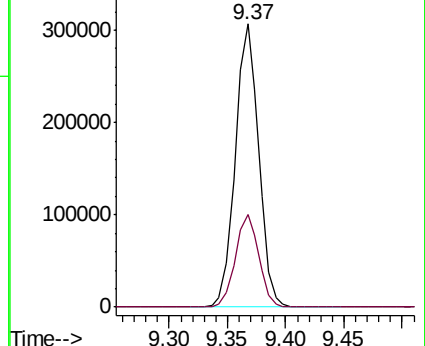
76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 546.370 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012598.D

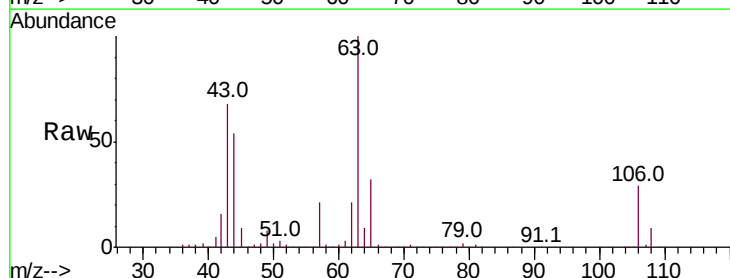
Acq: 23 Sep 2019 11:42

Tgt Ion: 63 Resp: 995269

Ion Ratio Lower Upper

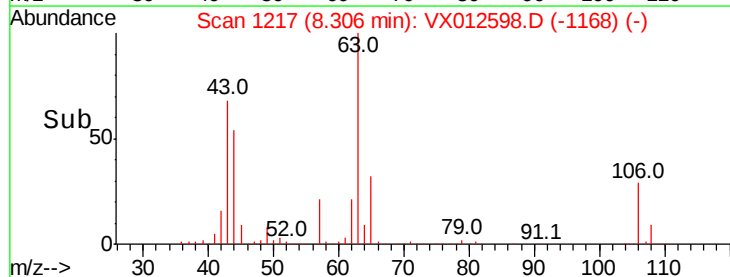
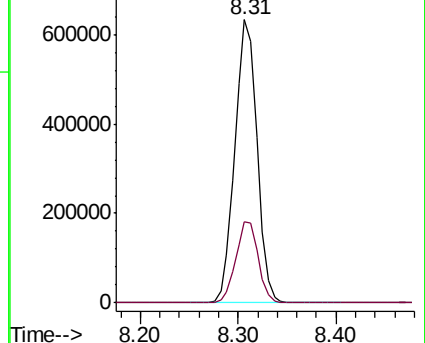
63 100

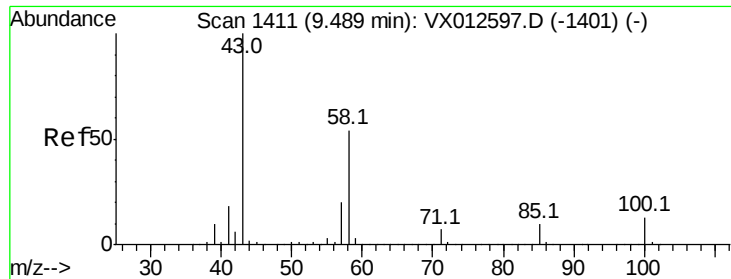
106 29.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

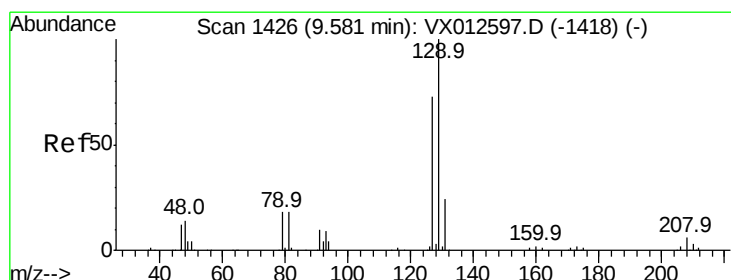
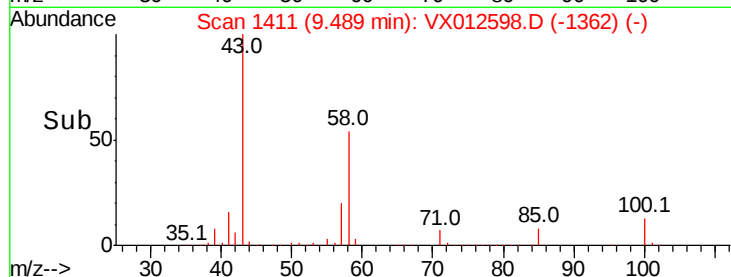
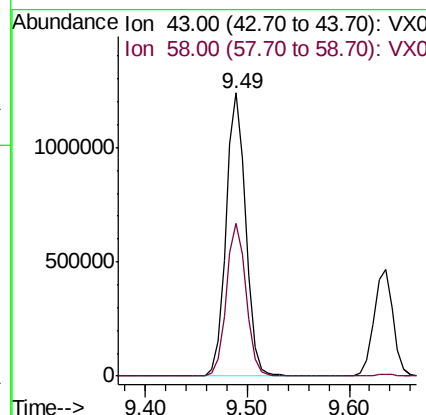
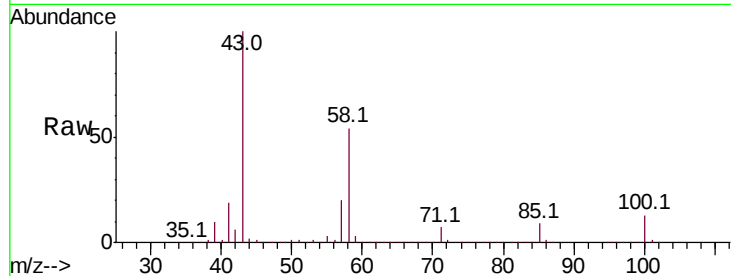




#59
2-Hexanone
Concen: 558.090 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

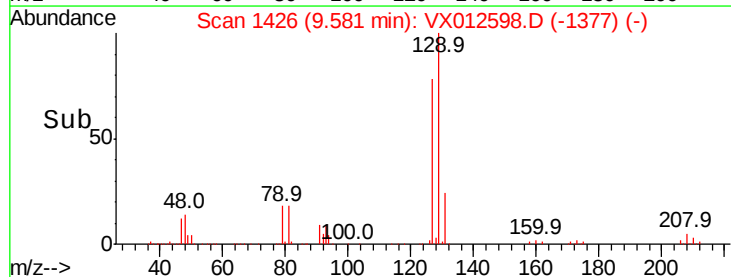
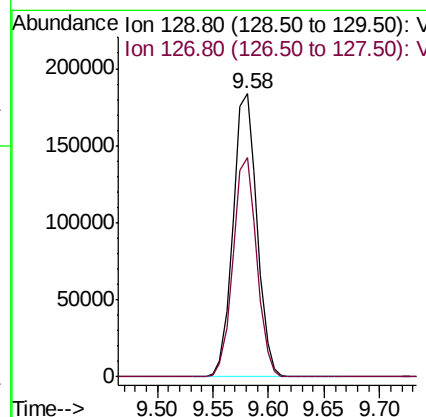
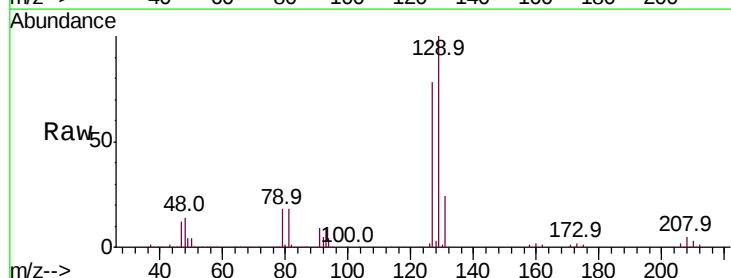
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

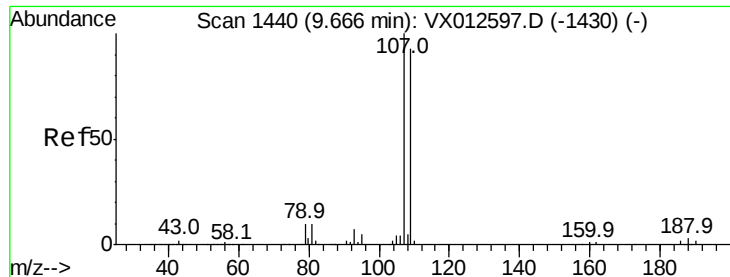
Tot Ion: 43 Resp: 1659486
Ion Ratio Lower Upper
43 100
58 54.1 26.8 80.4



#60
Dibromochloromethane
Concen: 119.498 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 129 Resp: 272351
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 126.562 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

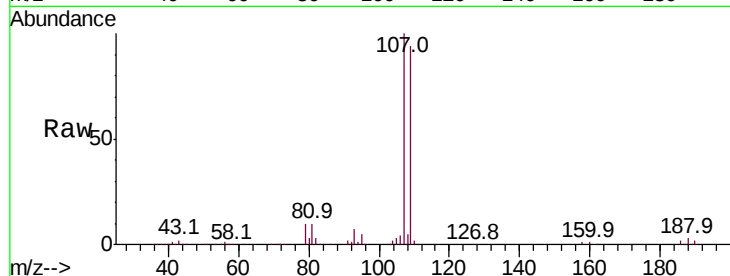
VSTDIC100

Tot Ion:107 Resp: 264745

Ion Ratio Lower Upper

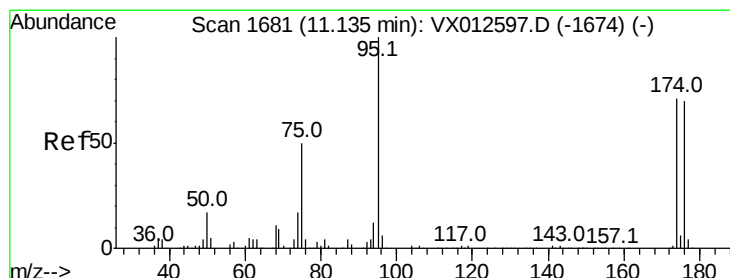
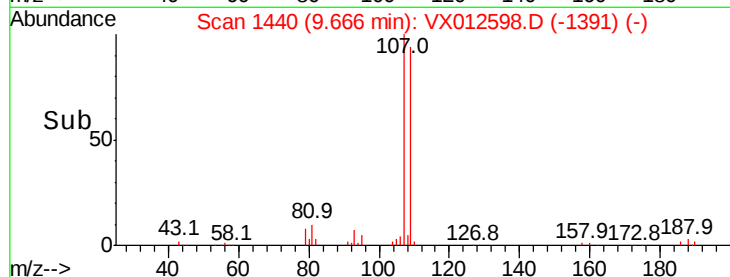
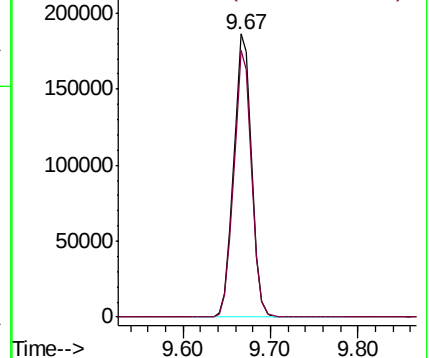
107 100

109 93.8 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 102.038 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

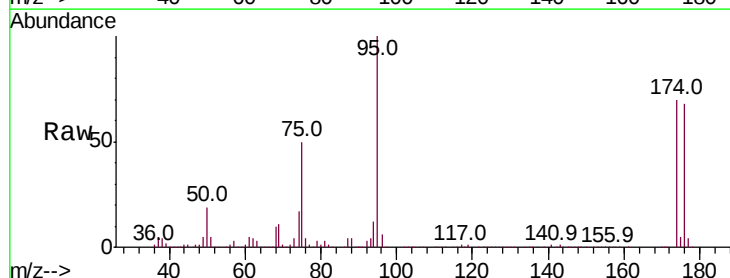
Tgt Ion: 95 Resp: 330882

Ion Ratio Lower Upper

95 100

174 68.3 0.0 134.6

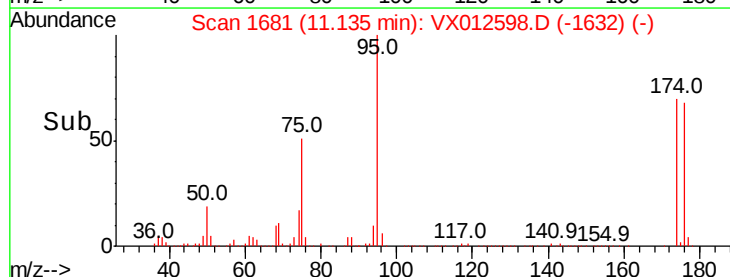
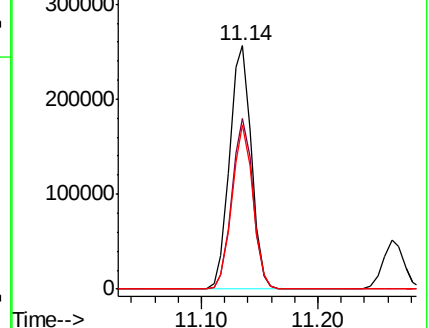
176 65.6 0.0 132.2

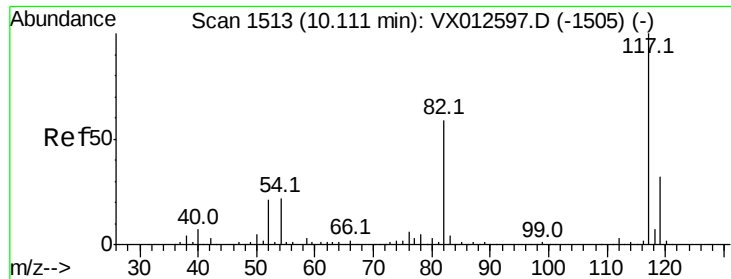


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

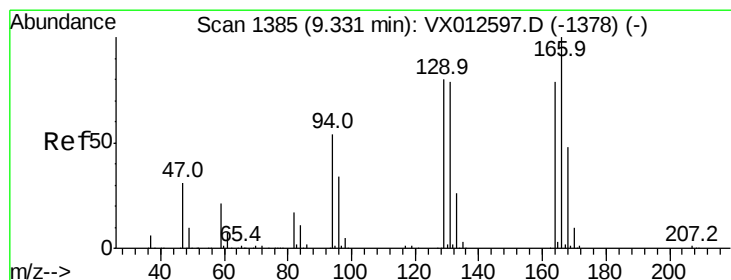
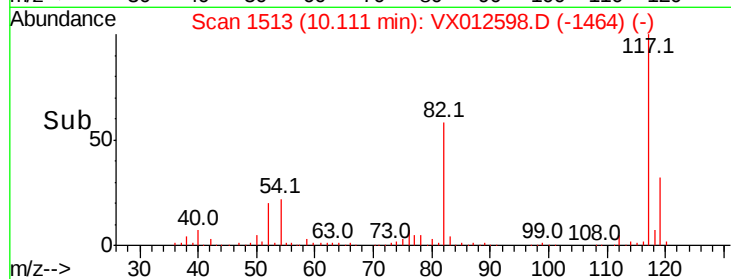
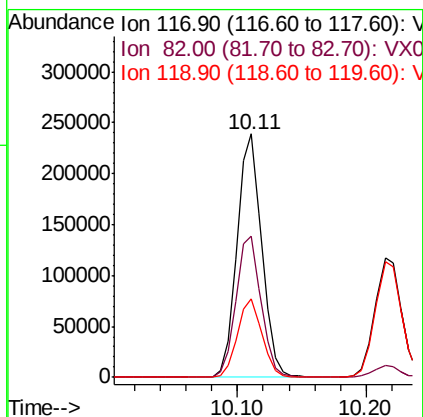
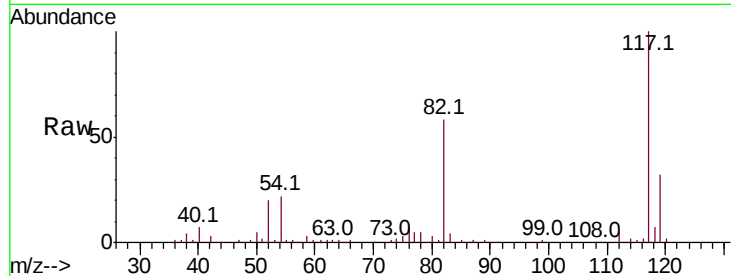




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

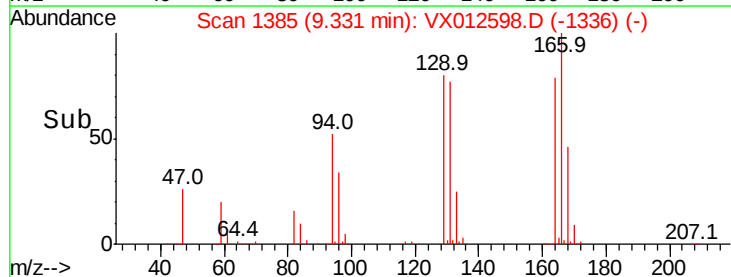
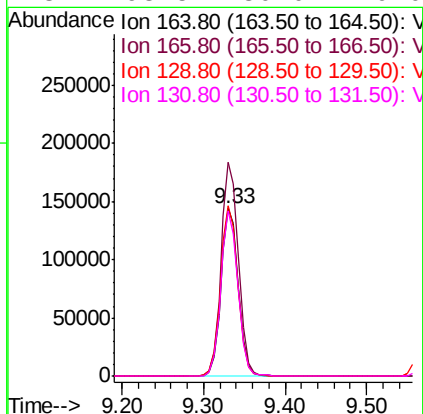
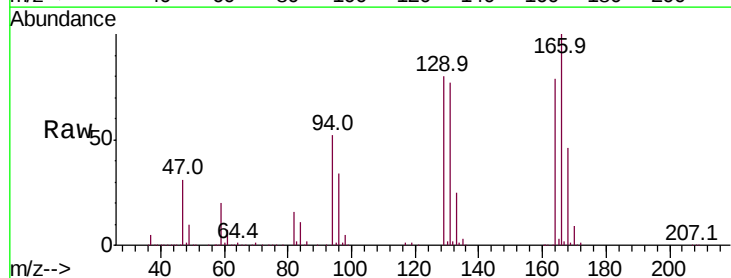
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

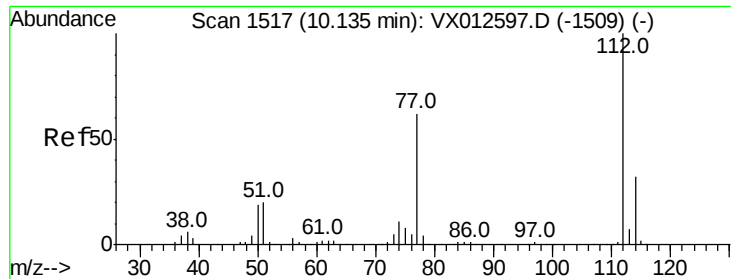
Tot Ion:117 Resp: 318048
Ion Ratio Lower Upper
117 100
82 58.2 47.0 70.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 136.369 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:164 Resp: 211527
Ion Ratio Lower Upper
164 100
166 127.4 101.3 151.9
129 101.6 81.1 121.7
131 98.5 80.0 120.0

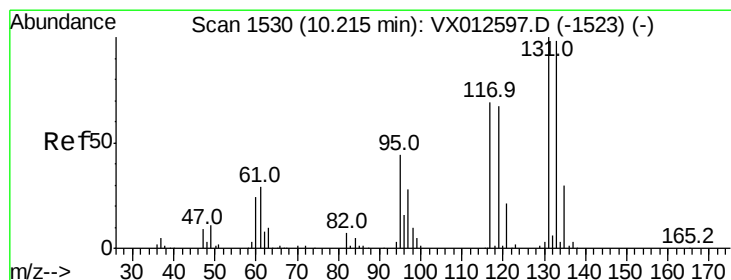
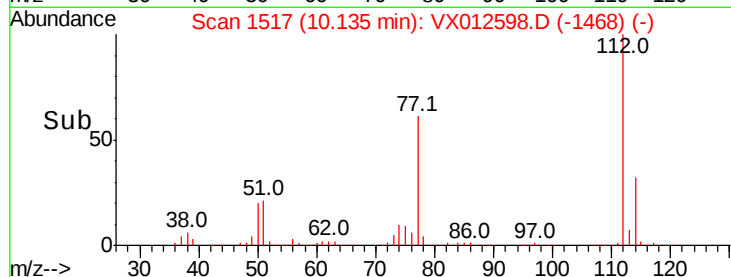
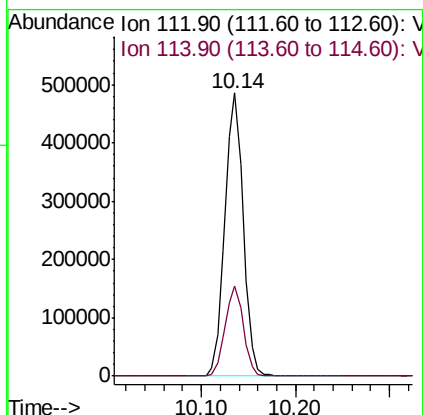
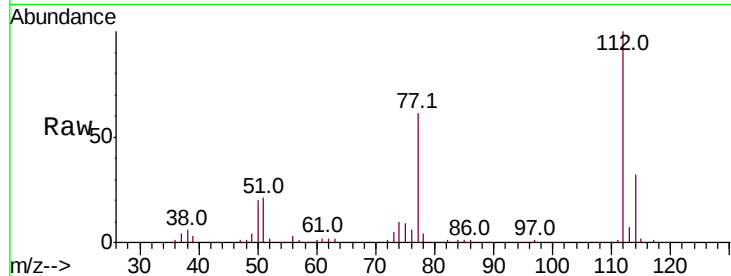




#65
Chlorobenzene
Concen: 121.740 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

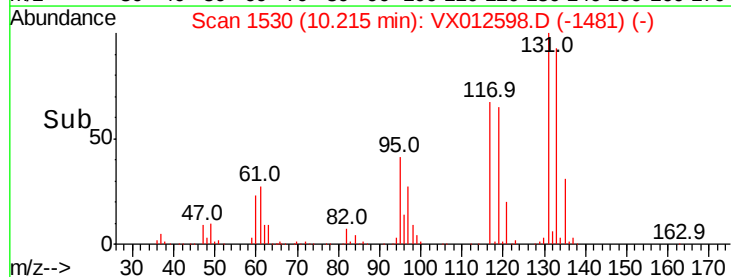
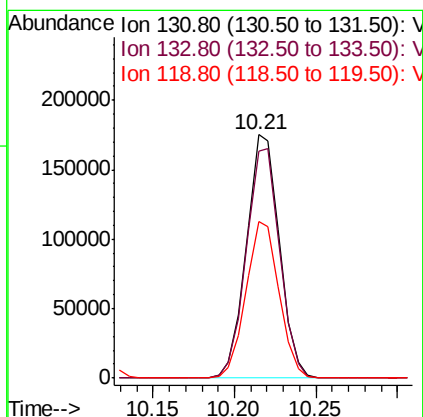
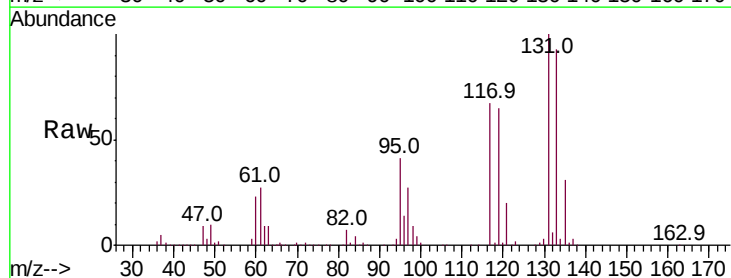
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

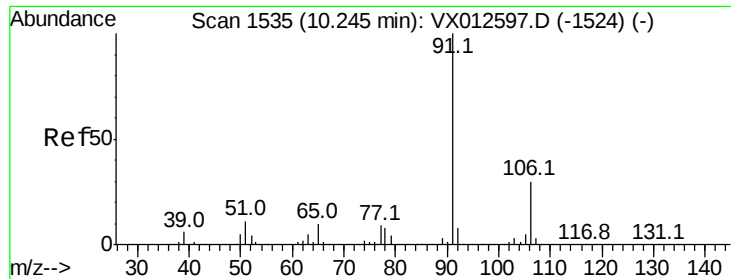
Tot Ion:112 Resp: 658636
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 113.010 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:131 Resp: 246723
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 64.6 33.0 99.0

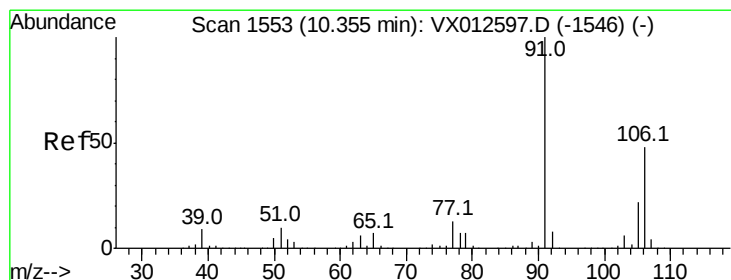
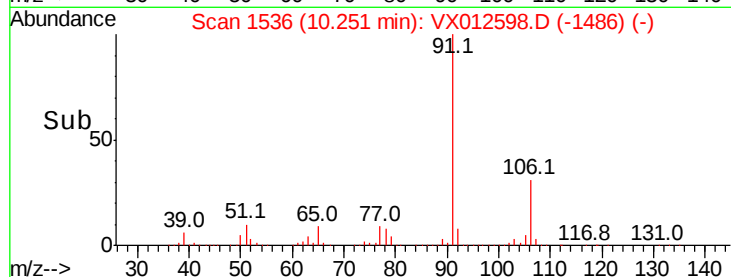
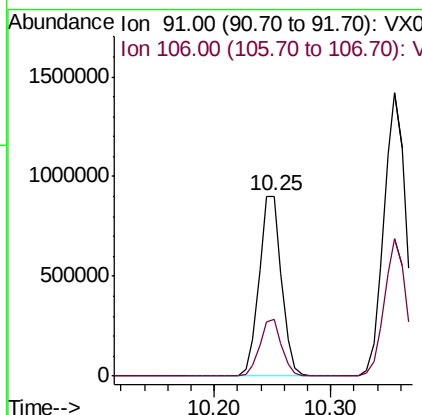
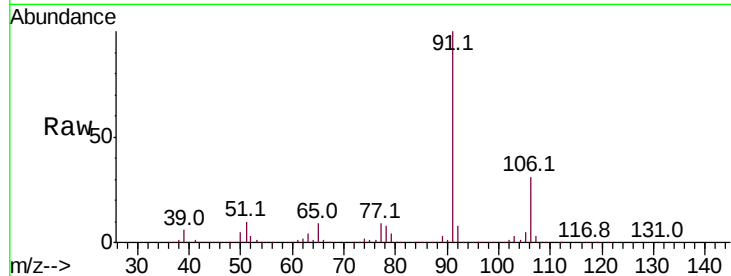




#67
Ethyl Benzene
Concen: 129.395 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

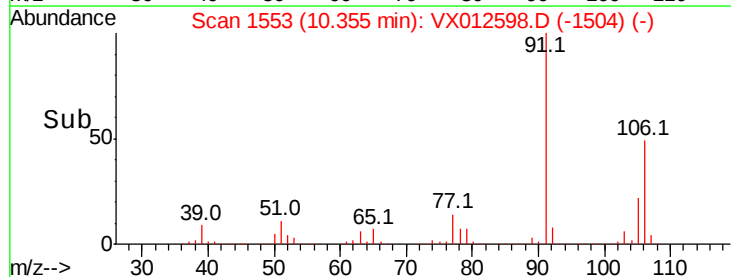
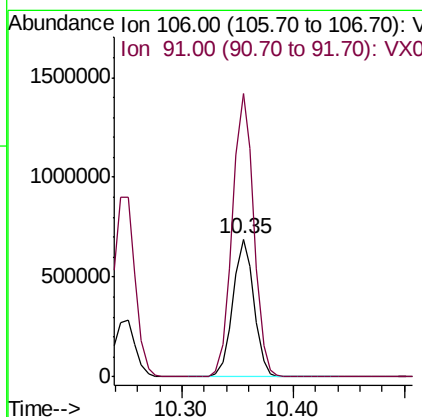
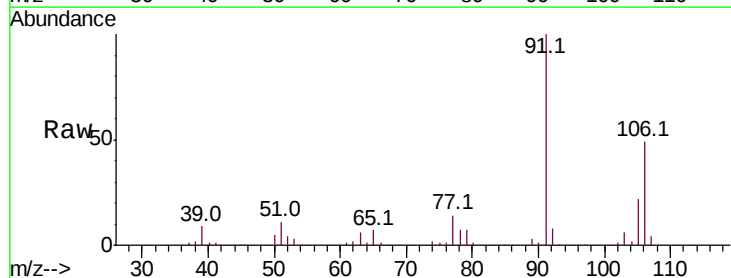
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

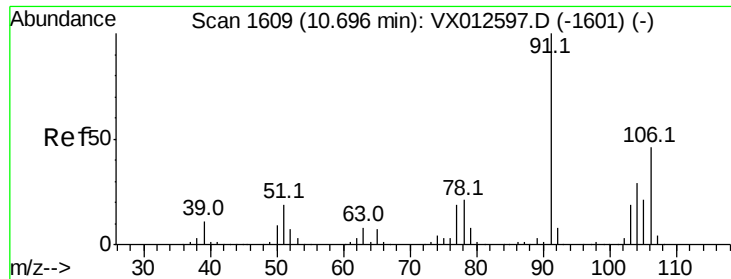
Tot Ion: 91 Resp: 1212269
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6



#68
m/p-Xylenes
Concen: 262.970 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:106 Resp: 902135
Ion Ratio Lower Upper
106 100
91 209.2 167.3 250.9

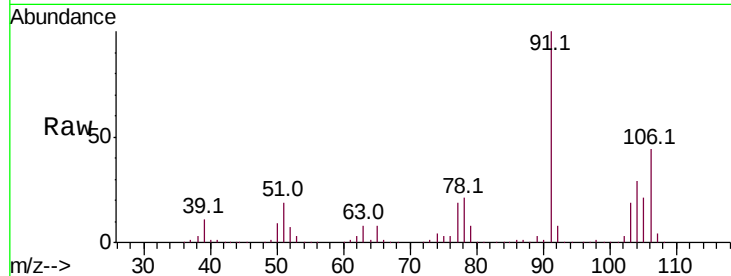




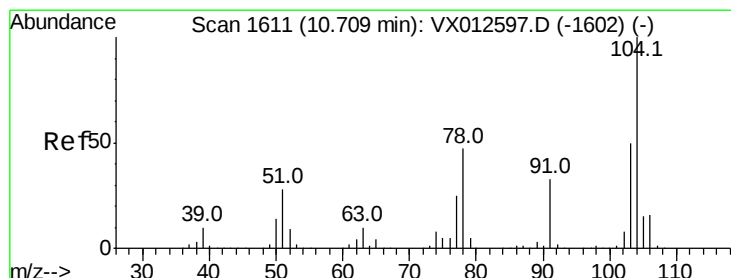
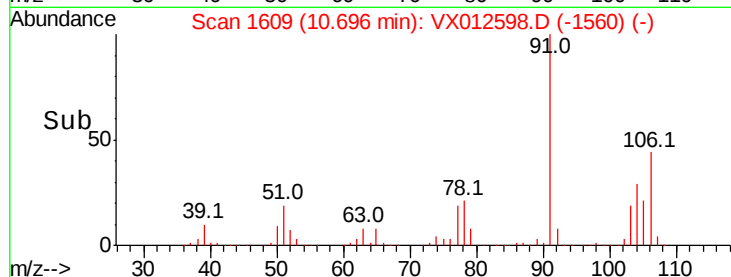
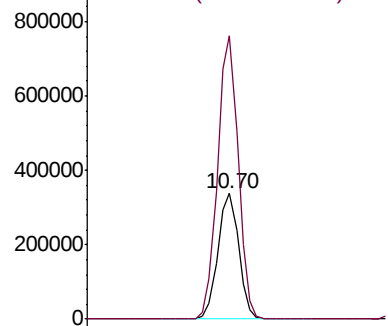
#69
o-Xylene
Concen: 126.132 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion:106 Resp: 438921
Ion Ratio Lower Upper
106 100
91 222.7 110.3 331.0

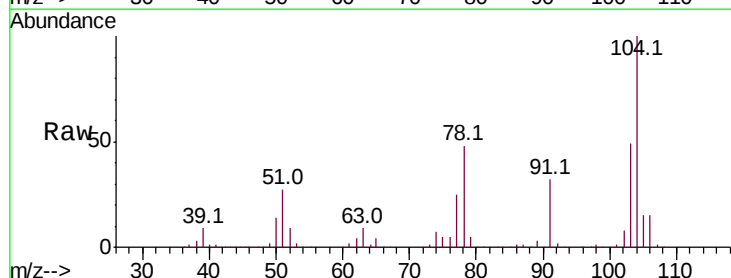


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

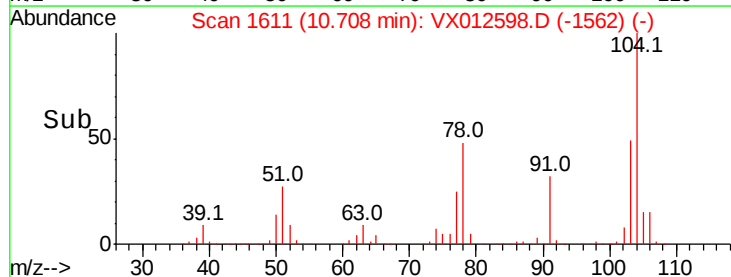
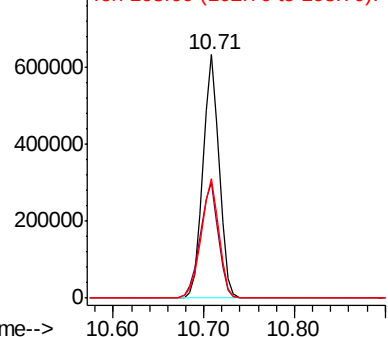


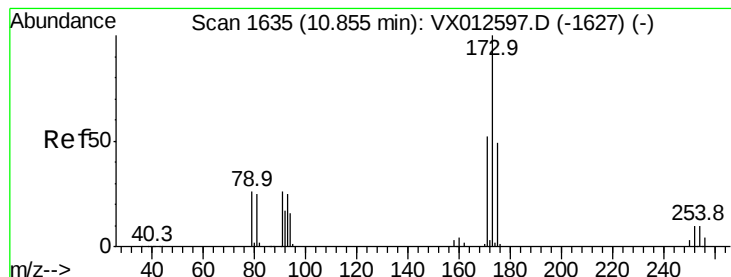
#70
Styrene
Concen: 128.488 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:104 Resp: 785669
Ion Ratio Lower Upper
104 100
78 53.2 43.4 65.2
103 53.6 43.4 65.2



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: 121.408 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

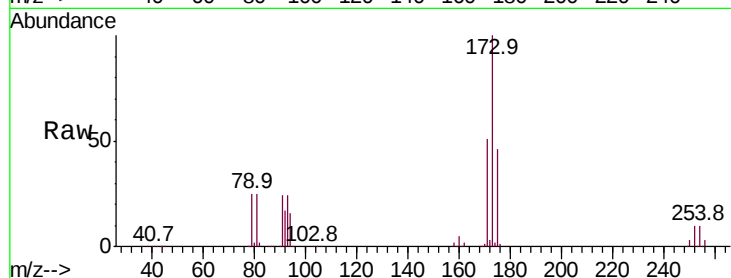
Tot Ion:173 Resp: 195514

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

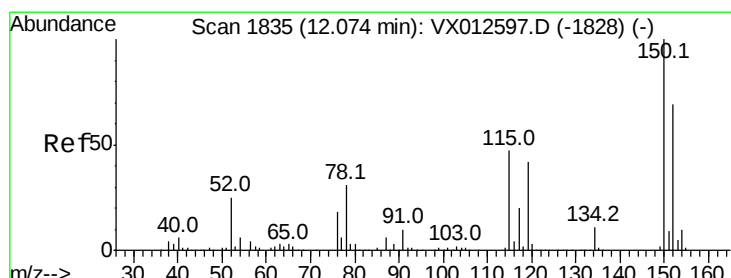
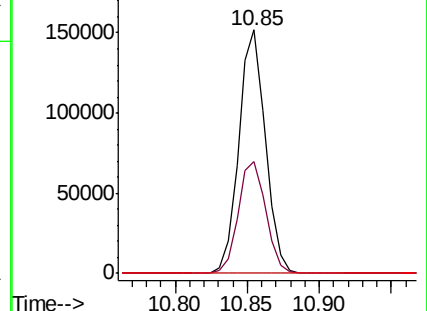
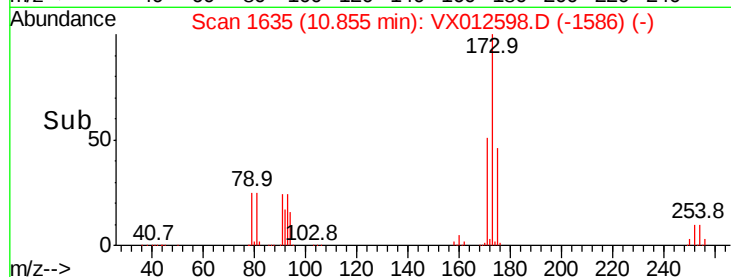
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

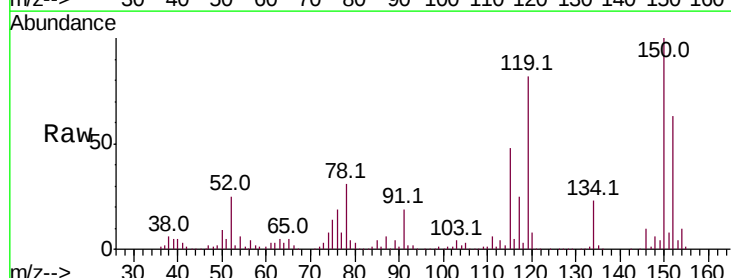
Tgt Ion:152 Resp: 150904

Ion Ratio Lower Upper

152 100

115 117.3 45.2 135.6

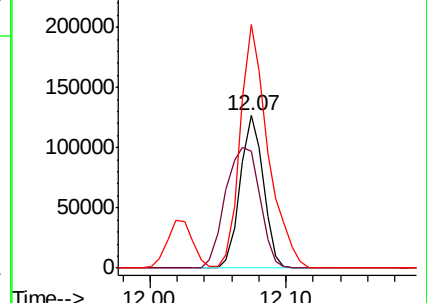
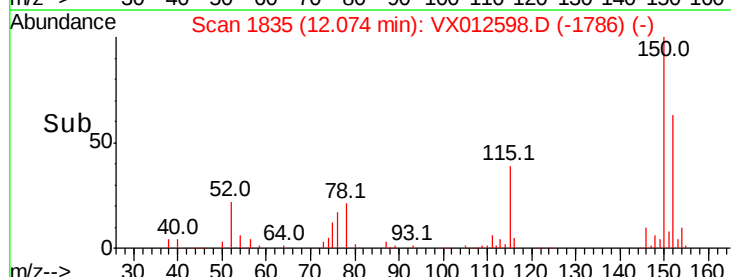
150 190.3 0.0 346.2

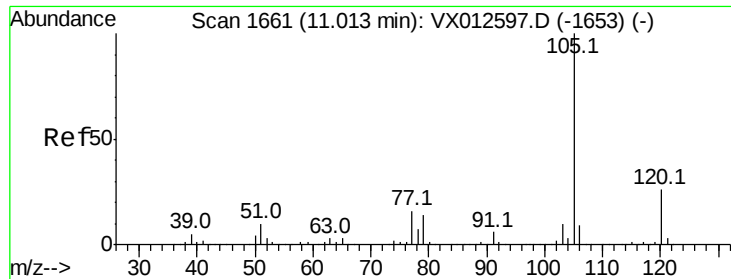


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 120.950 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

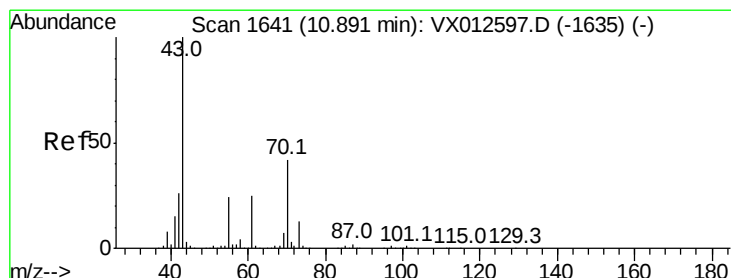
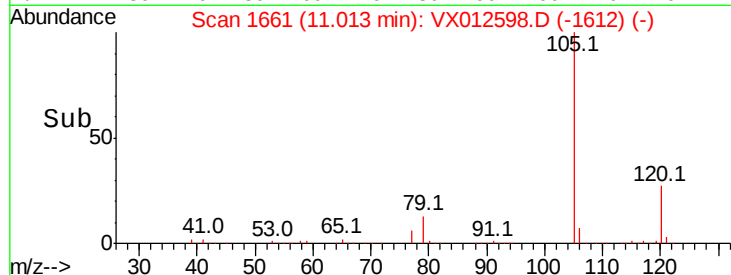
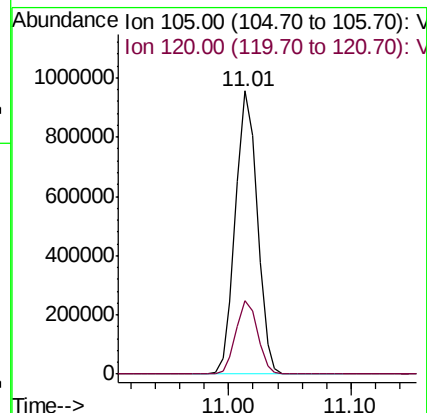
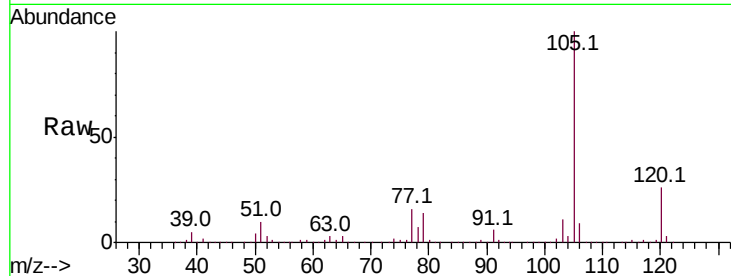
VSTDIC100

Tot Ion:105 Resp: 1178959

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#74

N-ethyl acetate

Concen: 118.479 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Tgt Ion: 43 Resp: 609467

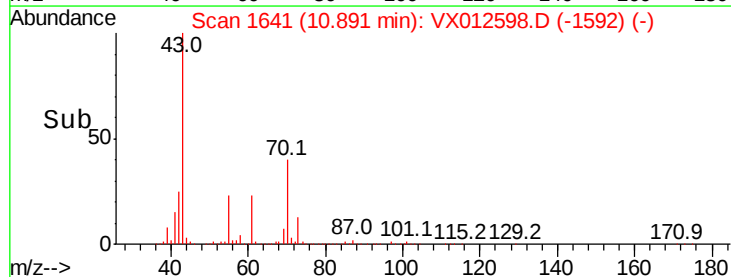
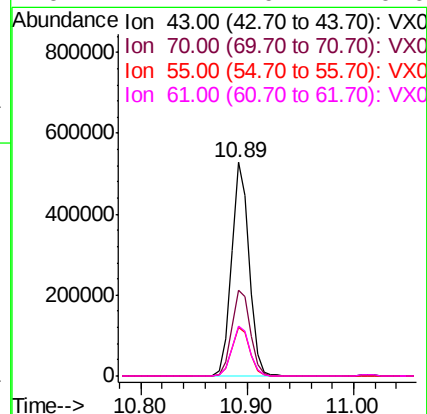
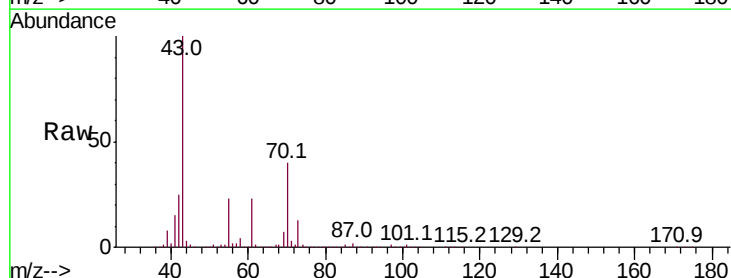
Ion Ratio Lower Upper

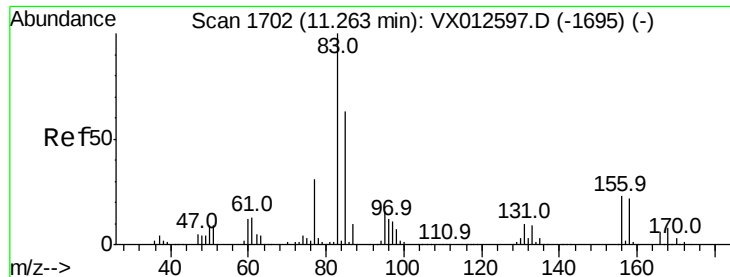
43 100

70 42.3 33.8 50.8

55 23.3 19.2 28.8

61 24.1 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 108.254 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

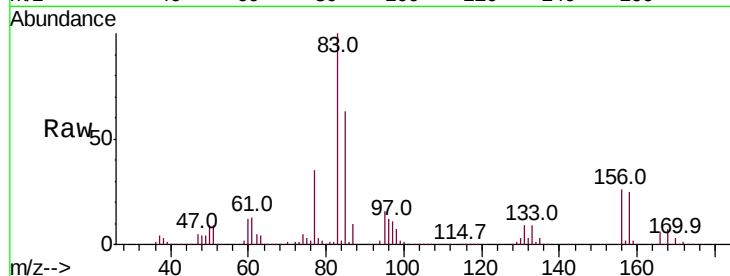
Tot Ion: 83 Resp: 402542

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

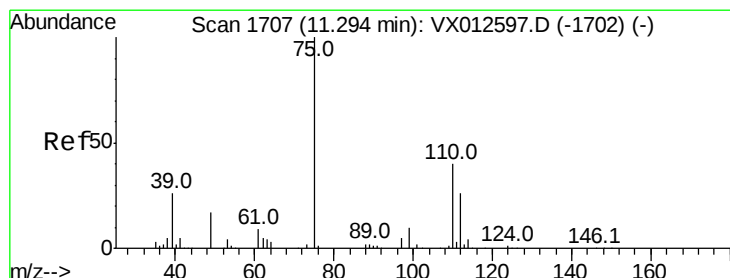
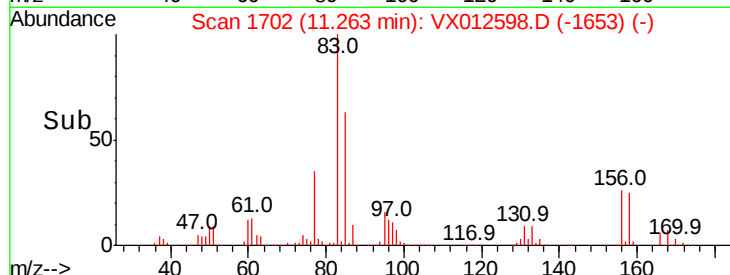
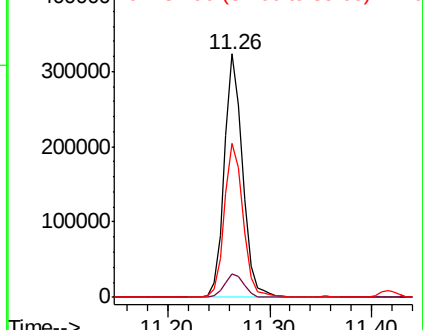
85 64.7 32.0 96.2



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: 144.363 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012598.D

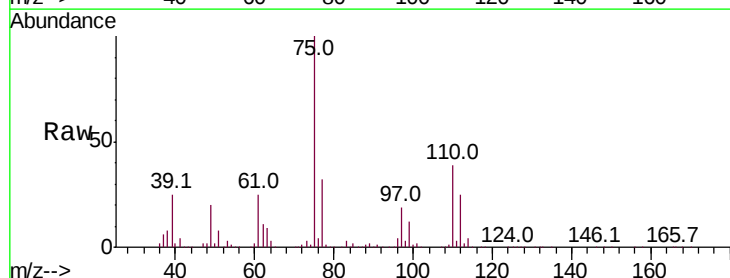
Acq: 23 Sep 2019 11:42

Tgt Ion: 75 Resp: 504033

Ion Ratio Lower Upper

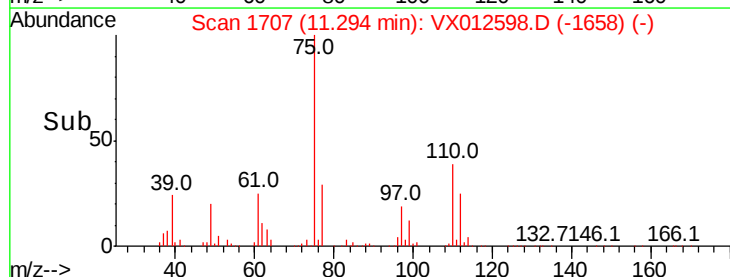
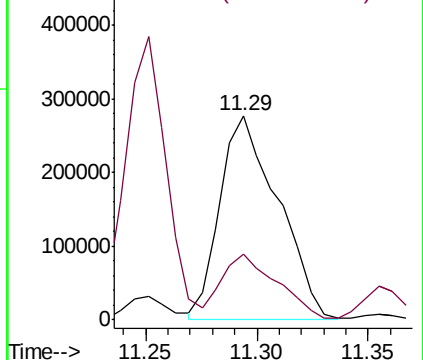
75 100

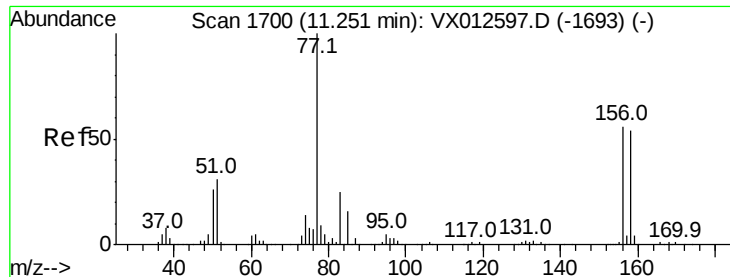
77 30.9 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 116.542 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

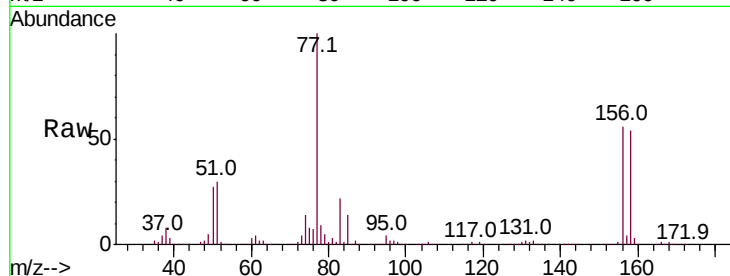
Tot Ion:156 Resp: 273388

Ion Ratio Lower Upper

156 100

77 179.7 91.2 273.6

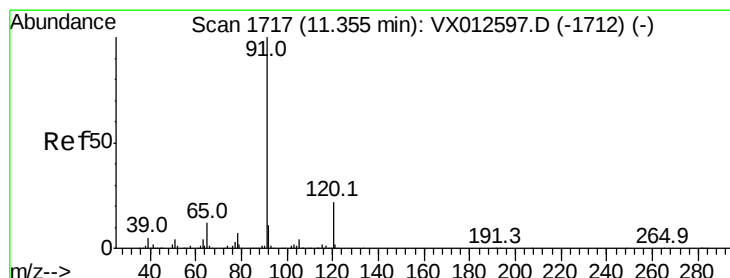
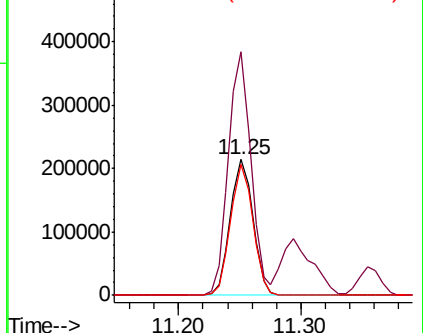
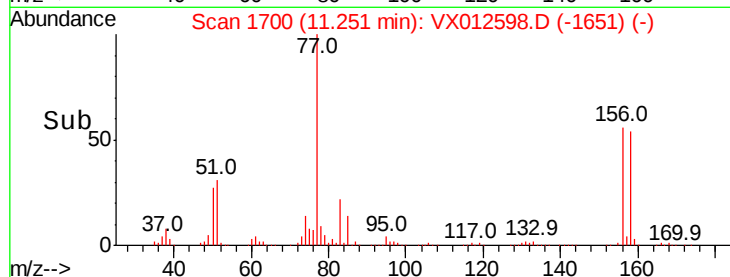
158 95.6 48.0 144.2



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: 126.186 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012598.D

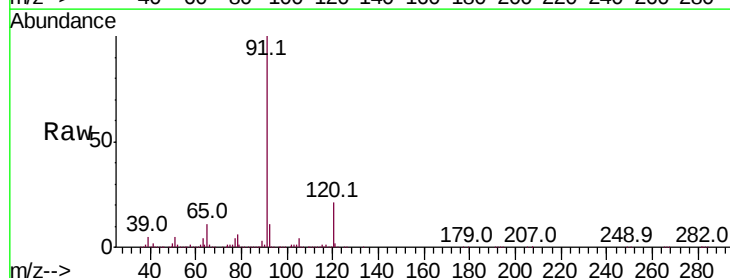
Acq: 23 Sep 2019 11:42

Tgt Ion: 91 Resp: 1371151

Ion Ratio Lower Upper

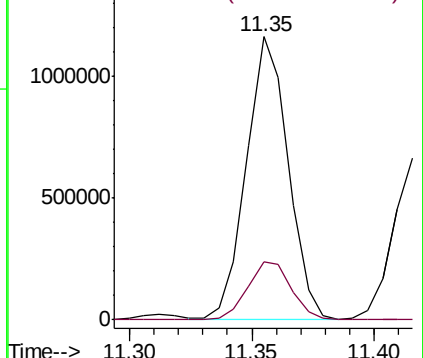
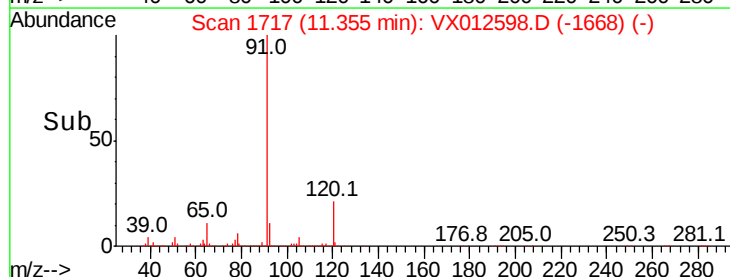
91 100

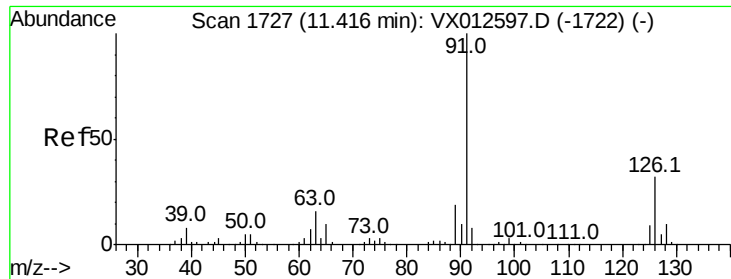
120 21.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

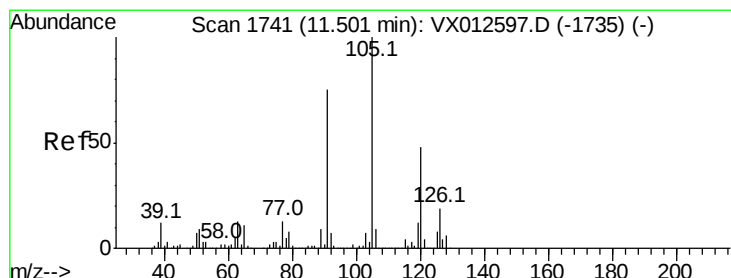
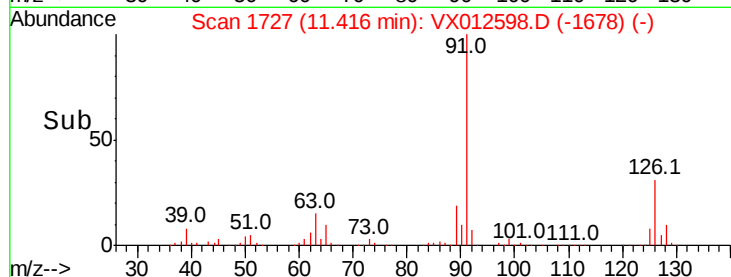
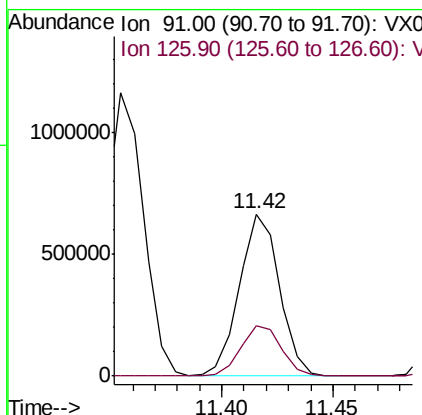
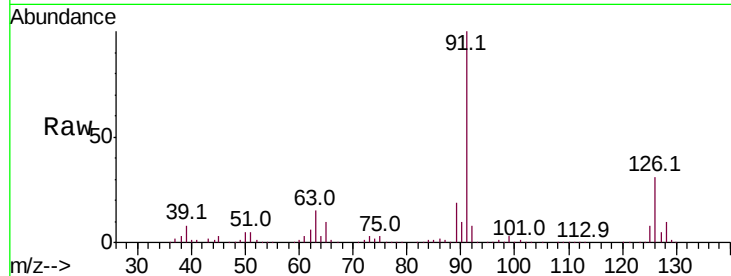




#79
 2-Chlorotoluene
 Concen: 118.321 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

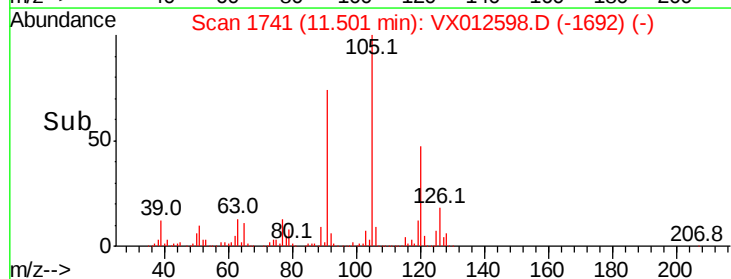
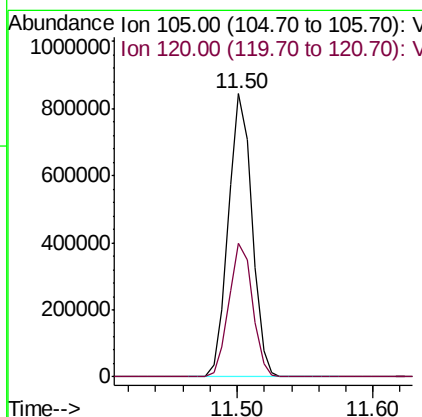
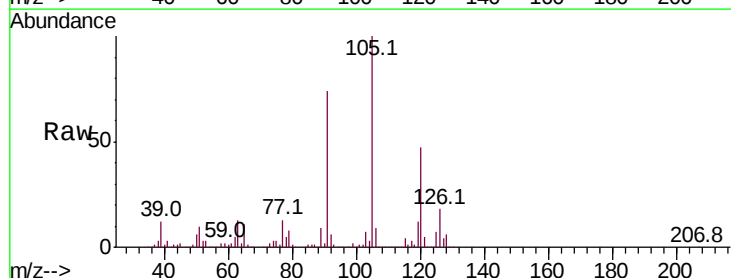
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

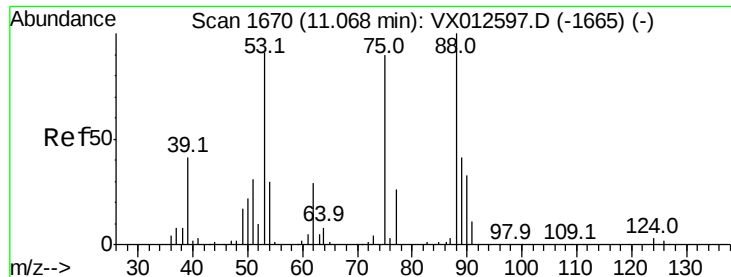
Tot Ion: 91 Resp: 833016
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 122.839 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion:105 Resp: 1017700
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 128.999 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

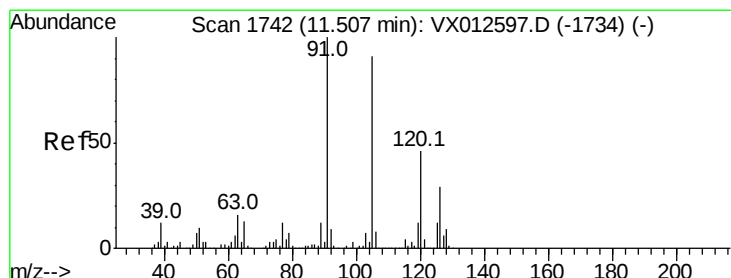
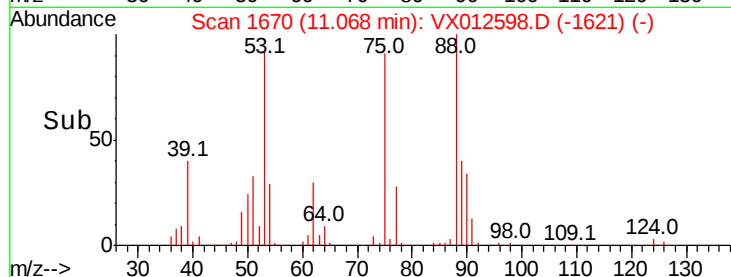
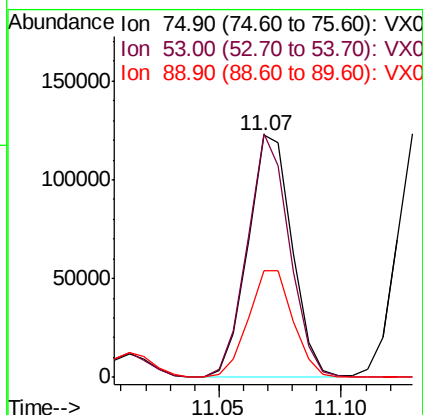
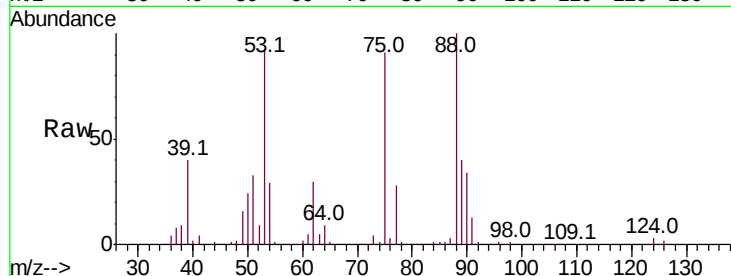
Tot Ion: 75 Resp: 153313

Ion Ratio Lower Upper

75 100

53 96.3 79.5 119.3

89 45.1 36.8 55.2



#82

4-Chlorotoluene

Concen: 121.232 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012598.D

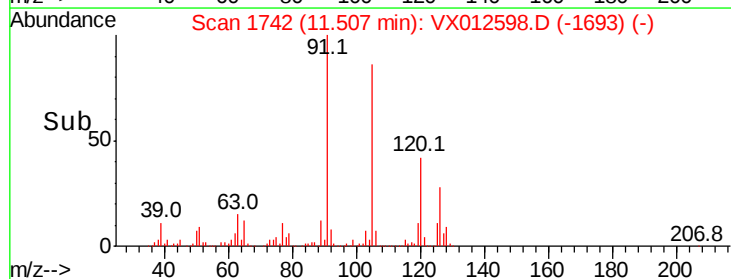
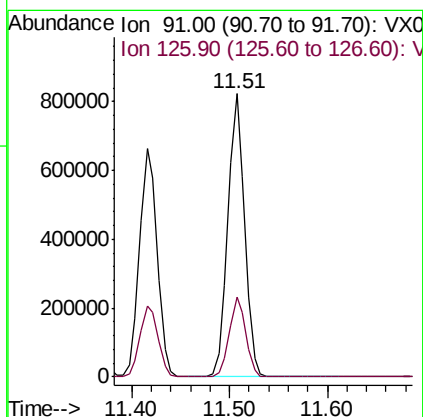
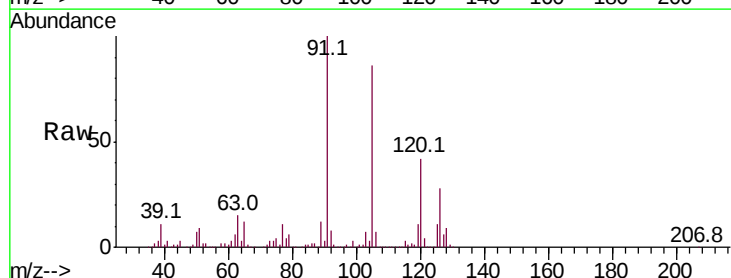
Acq: 23 Sep 2019 11:42

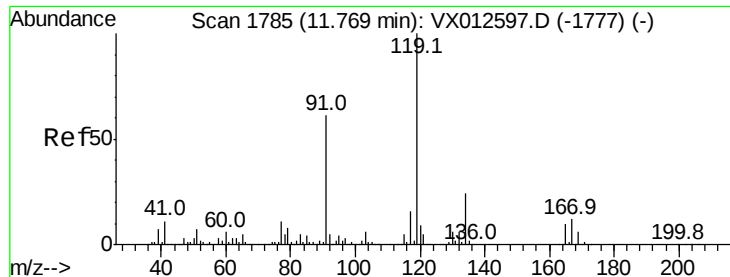
Tgt Ion: 91 Resp: 978532

Ion Ratio Lower Upper

91 100

126 27.9 13.9 41.7

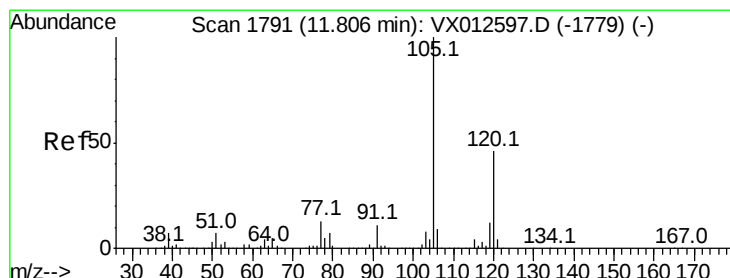
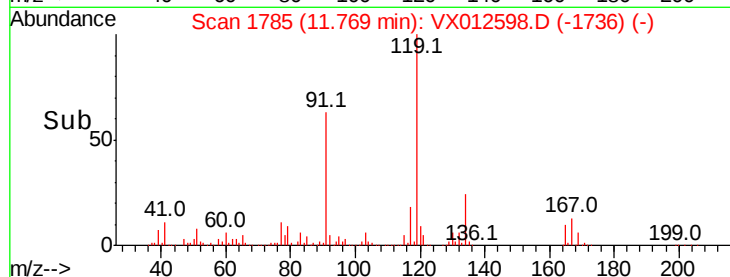
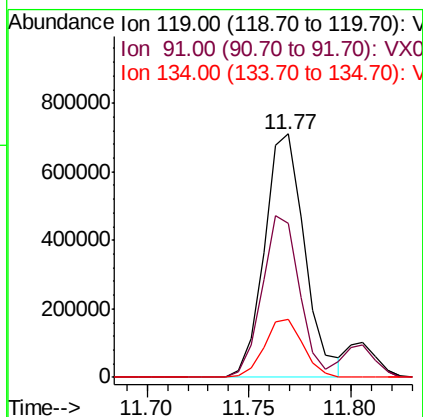
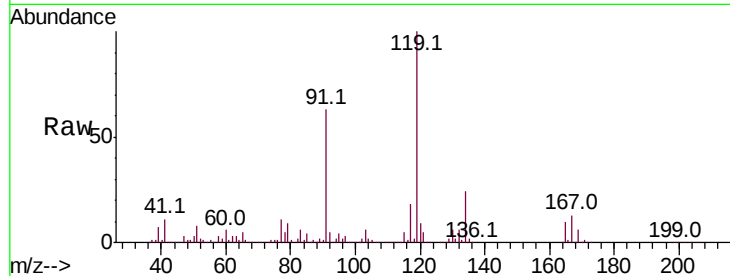




#83
tert-Butylbenzene
Concen: 112.272 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

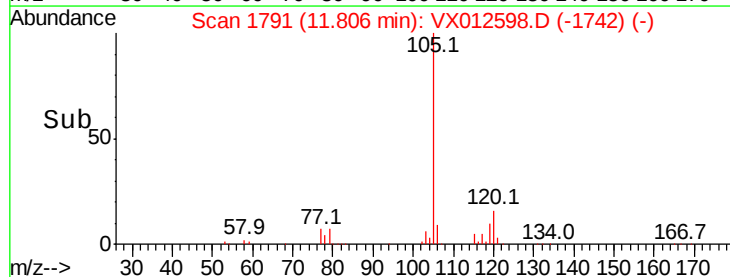
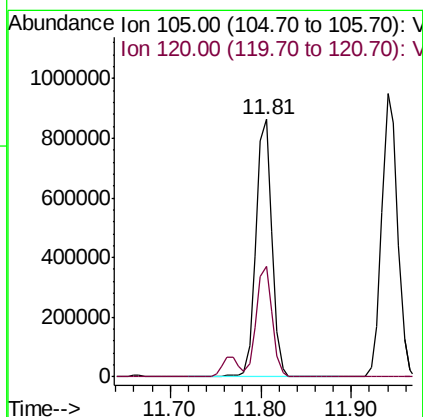
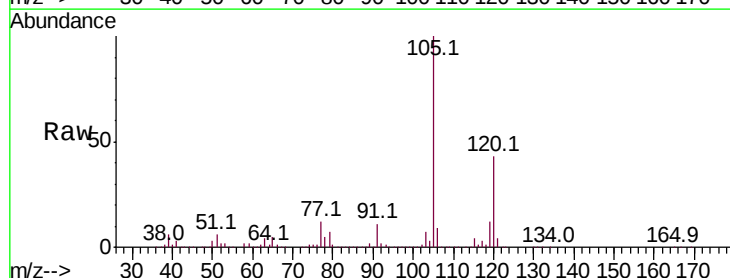
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

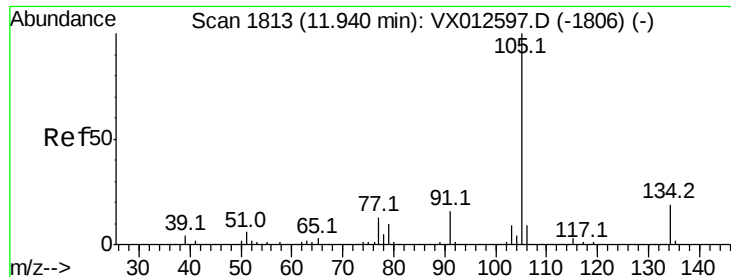
Tot Ion:119 Resp: 978599
Ion Ratio Lower Upper
119 100
91 61.8 31.1 93.5
134 22.8 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 123.738 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:105 Resp: 1050728
Ion Ratio Lower Upper
105 100
120 42.8 22.3 66.8

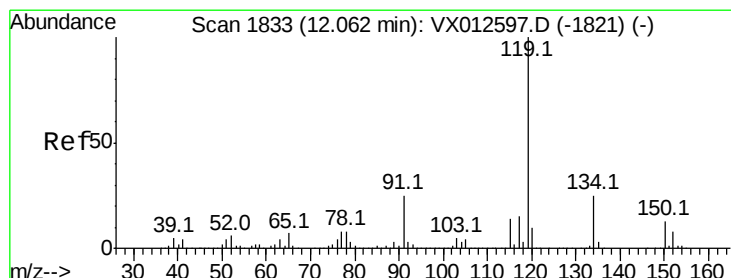
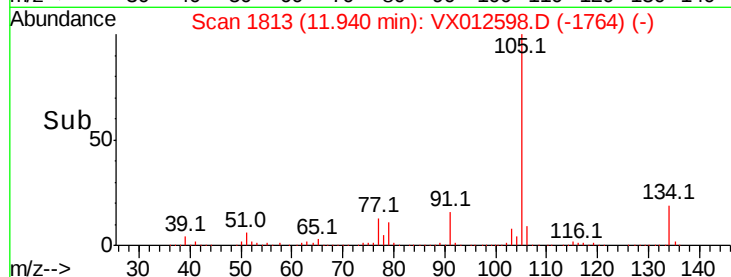
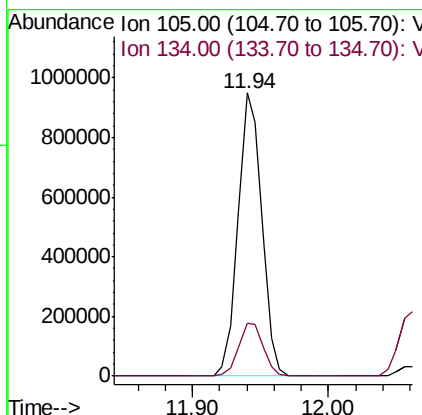
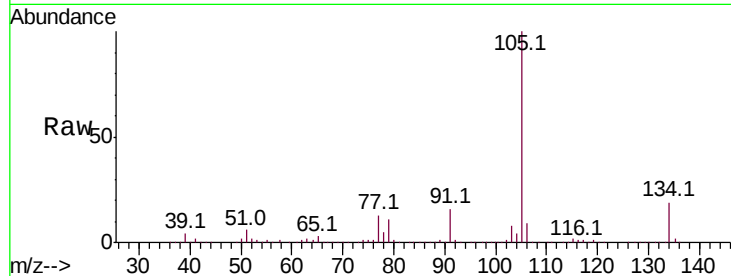




#85
 sec-Butylbenzene
 Concen: 118.450 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

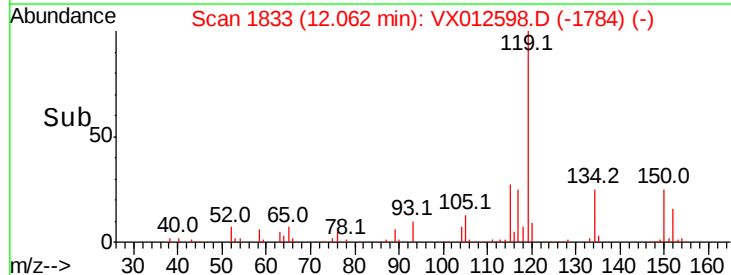
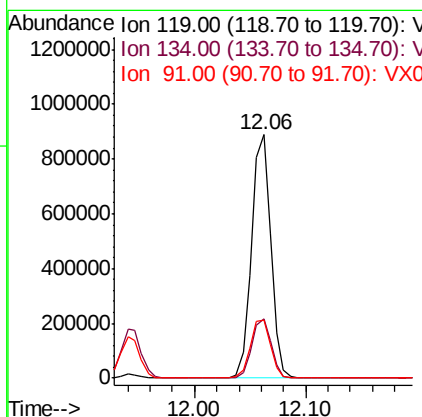
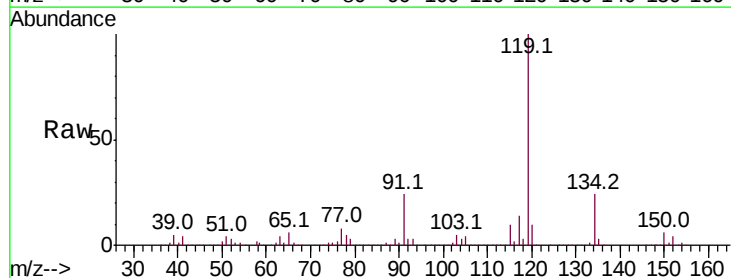
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

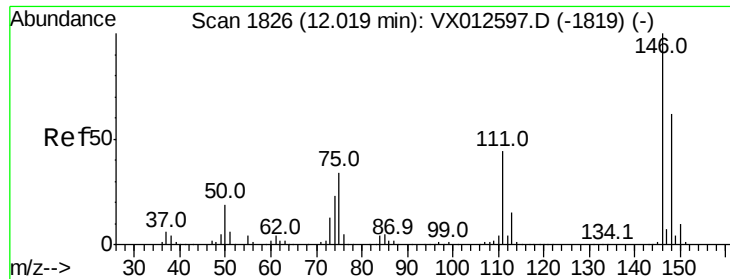
Tot Ion:105 Resp: 1148263
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 119.980 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion:119 Resp: 1066589
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.4 37.4
 91 25.2 12.8 38.4

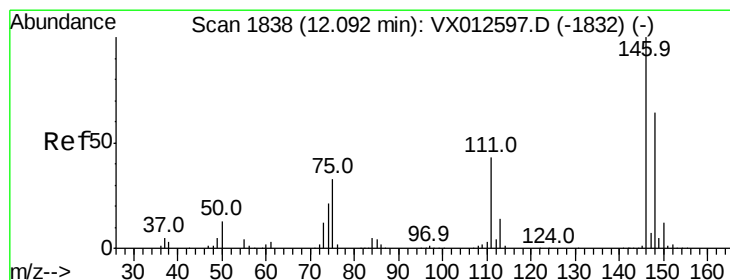
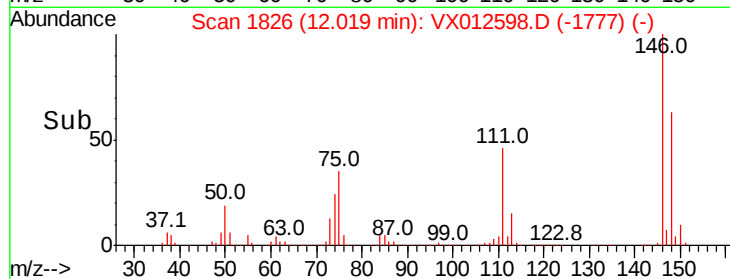
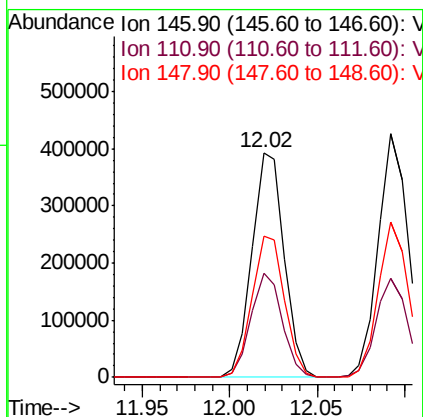
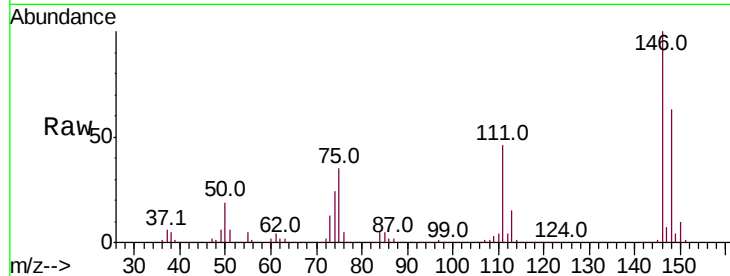




#87
 1,3-Dichlorobenzene
 Concen: 115.018 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

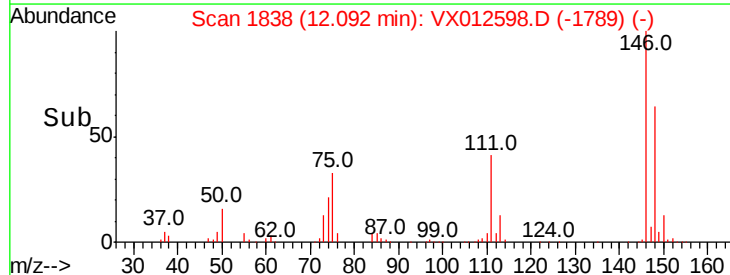
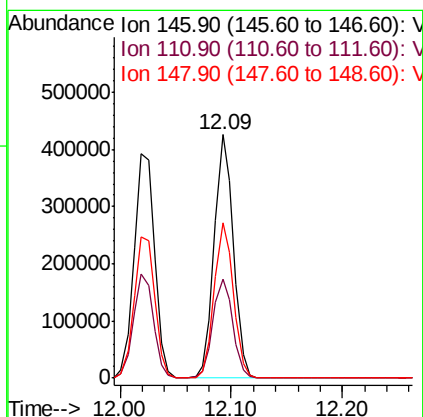
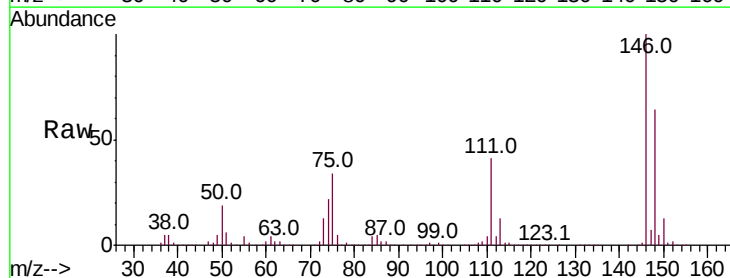
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

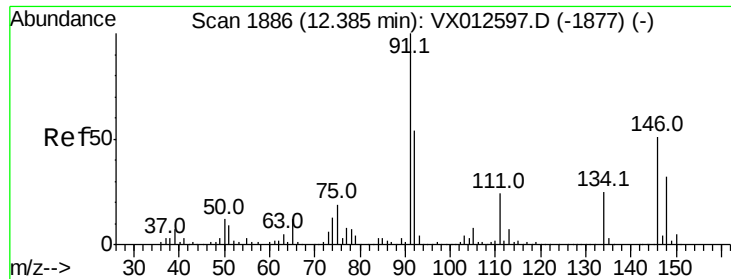
Tot Ion:146 Resp: 504793
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.3 66.9
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 112.761 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion:146 Resp: 507235
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.7 65.1
 148 63.6 31.8 95.3

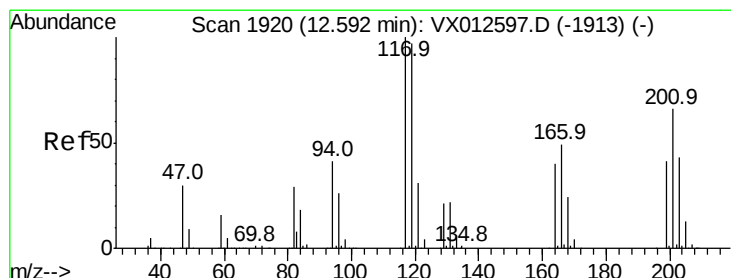
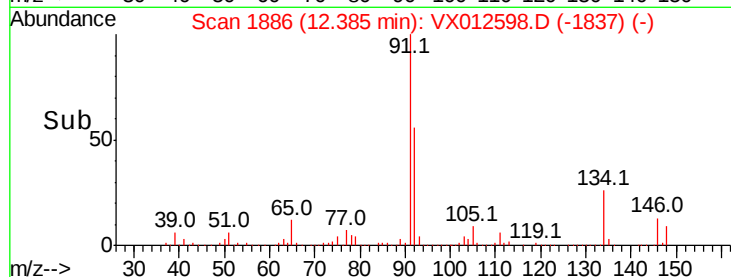
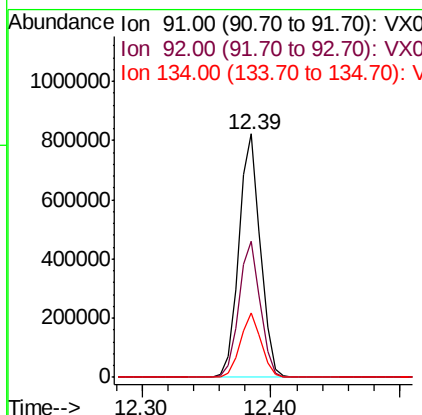
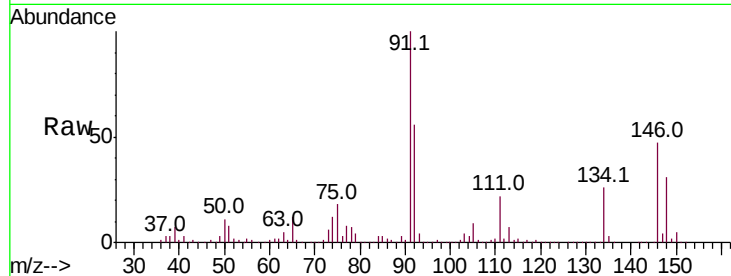




#89
n-Butylbenzene
Concen: 119.633 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

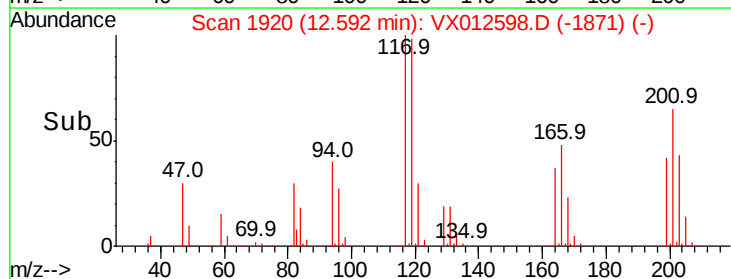
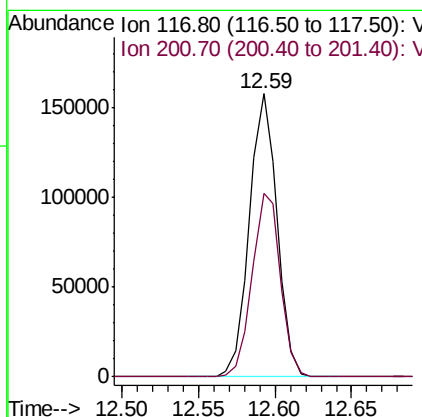
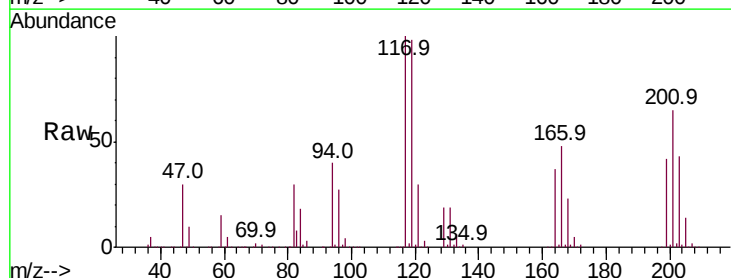
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

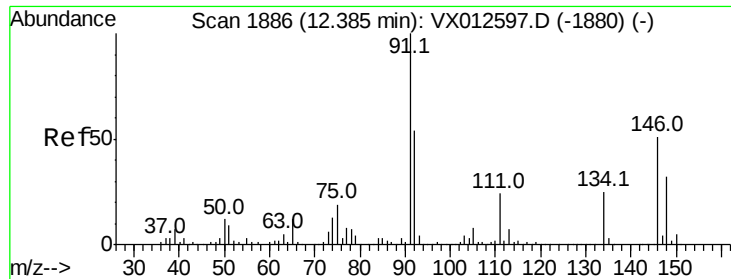
Tot Ion: 91 Resp: 946723
Ion Ratio Lower Upper
91 100
92 55.5 27.2 81.6
134 25.6 12.4 37.2



#90
Hexachloroethane
Concen: 122.987 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 117 Resp: 198326
Ion Ratio Lower Upper
117 100
201 66.4 34.0 101.8

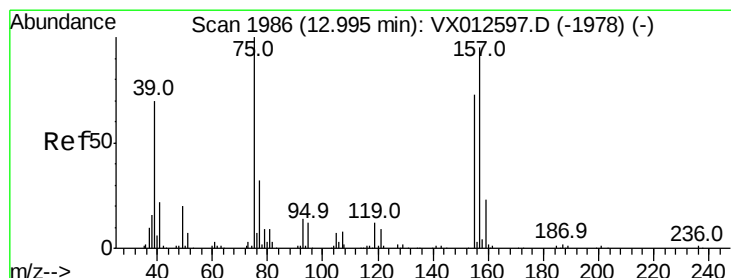
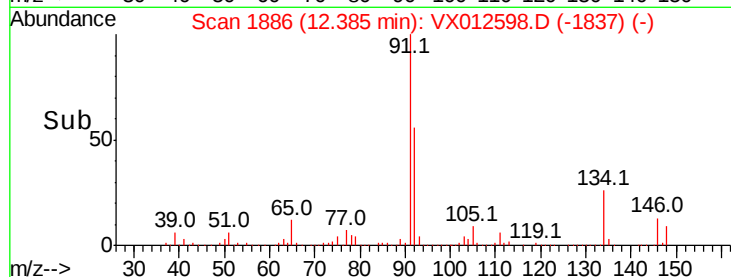
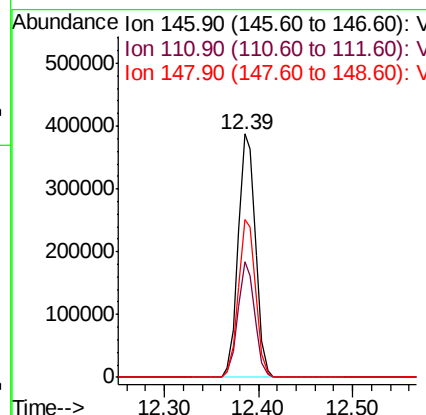
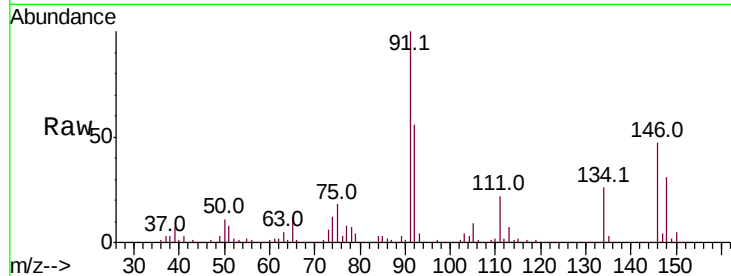




#91
 1,2-Dichlorobenzene
 Concen: 108.113 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

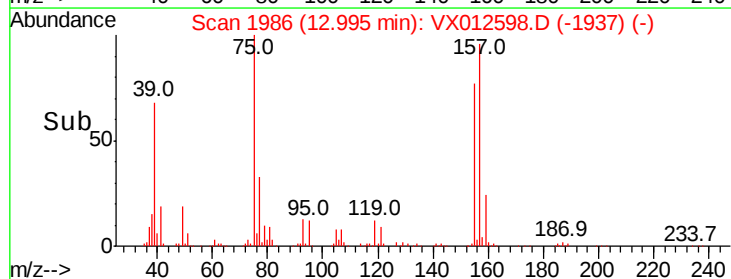
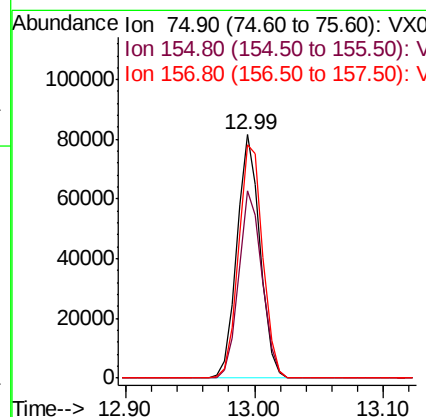
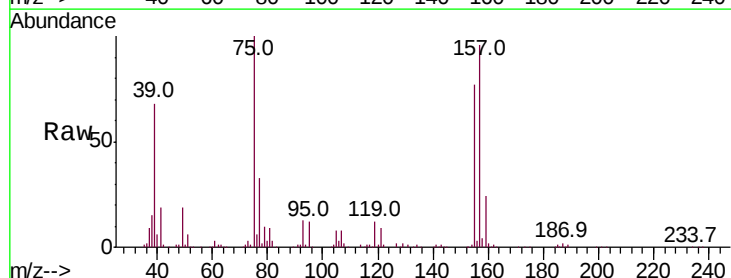
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

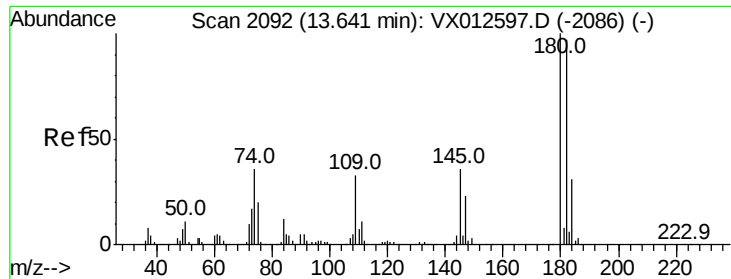
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.8	68.4
148	64.3	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 106.211 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	38.7	116.1
157	100.0	48.5	145.6

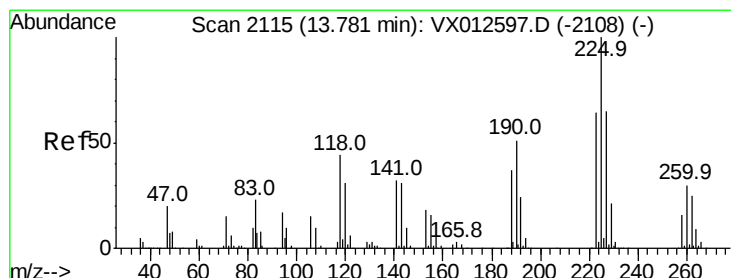
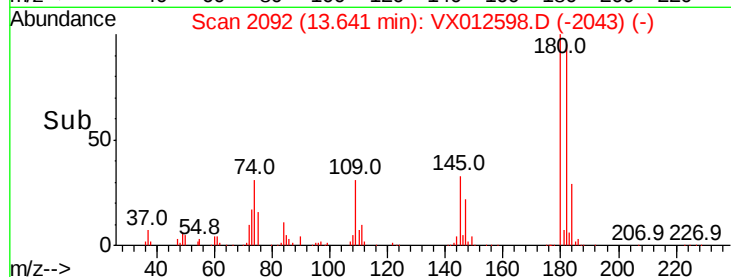
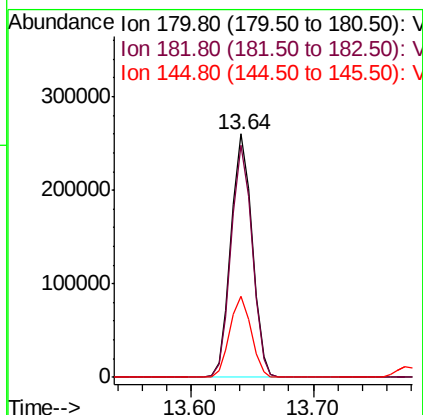
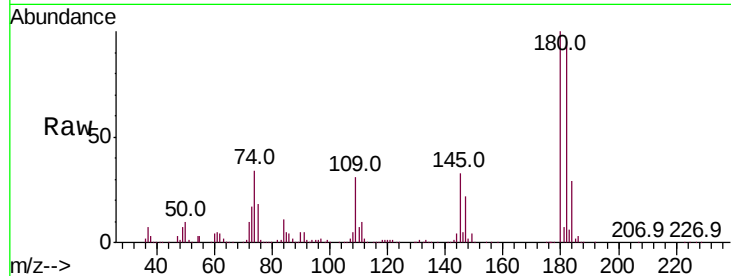




#93
 1,2,4-Trichlorobenzene
 Concen: 107.585 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

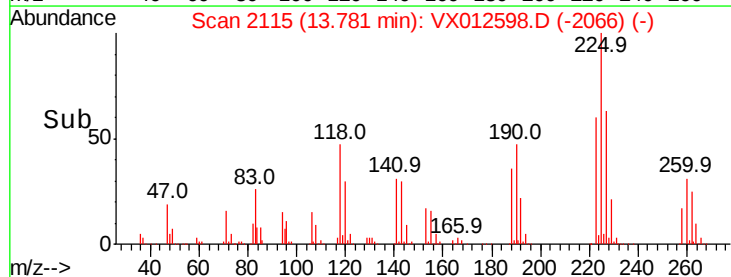
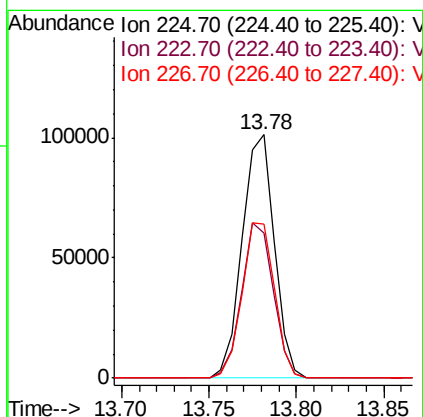
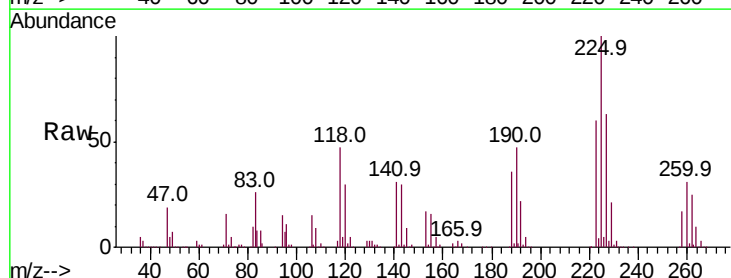
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

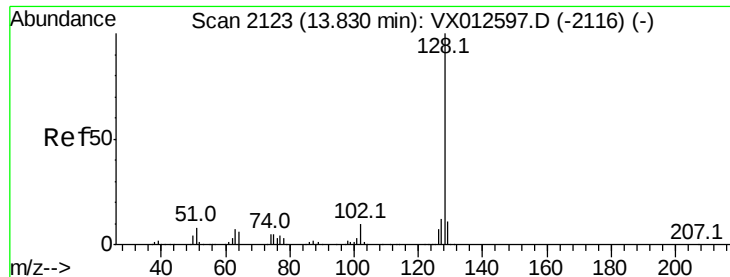
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	33.6	17.1	51.3



#94
 Hexachlorobutadiene
 Concen: 96.442 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.7	95.1
227	64.3	31.1	93.5

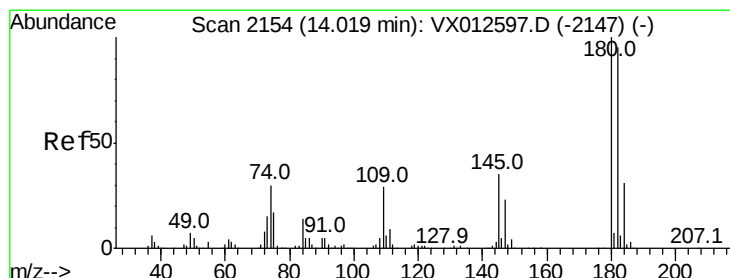
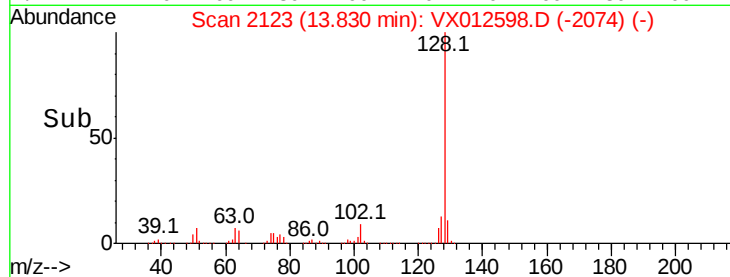
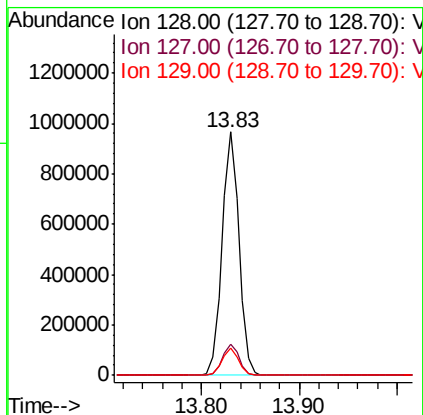
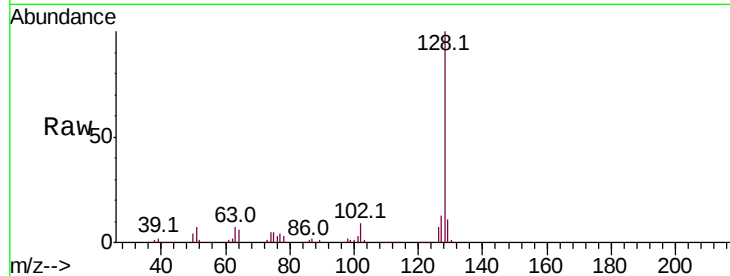




#95
Naphthalene
Concen: 111.474 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 1153270
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 104.135 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:180 Resp: 306672
Ion Ratio Lower Upper
180 100
182 93.1 46.8 140.3
145 36.3 18.4 55.0

