

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
 Data File : VX012620.D
 Acq On : 24 Sep 2019 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 25 04:32:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329154	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	139161	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	5.48	113	104336	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
50) Toluene-d8	8.71	98	386836	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.13	95	154626	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	106253	49.872	ug/l	96
3) Chloromethane	1.32	50	120253	49.154	ug/l	99
4) Vinyl Chloride	1.40	62	121401	49.925	ug/l	96
5) Bromomethane	1.62	94	45659	47.757	ug/l	99
6) Chloroethane	1.70	64	76513	46.675	ug/l	97
7) Trichlorofluoromethane	1.92	101	174927	51.237	ug/l	98
8) Diethyl Ether	2.18	74	67823	48.476	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109371	52.596	ug/l	95
10) Methyl Iodide	2.50	142	108443	49.552	ug/l	96
11) Tert butyl alcohol	3.03	59	162646	236.091	ug/l	99
12) 1,1-Dichloroethene	2.36	96	103930	51.041	ug/l	99
13) Acrolein	2.28	56	86981	227.607	ug/l	99
14) Allyl chloride	2.72	41	203887	50.469	ug/l	97
15) Acrylonitrile	3.13	53	342956	245.379	ug/l	98
16) Acetone	2.44	43	428889	293.610	ug/l	98
17) Carbon Disulfide	2.56	76	281006	49.227	ug/l	100
18) Methyl Acetate	2.76	43	163847	47.636	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	385357	49.999	ug/l	99
20) Methylene Chloride	2.84	84	119883	48.523	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	112522	49.880	ug/l	96
22) Diisopropyl ether	3.84	45	390183	49.985	ug/l	93
23) Vinyl Acetate	3.80	43	1731135	252.885	ug/l	98
24) 1,1-Dichloroethane	3.68	63	211215	49.778	ug/l	98
25) 2-Butanone	4.65	43	556910	265.893	ug/l	96
26) 2,2-Dichloropropane	4.57	77	192738	51.072	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	128600	49.131	ug/l	97
28) Bromochloromethane	5.00	49	79533	51.622	ug/l	100
29) Tetrahydrofuran	5.11	42	312655	244.912	ug/l	98
30) Chloroform	5.20	83	213992	49.294	ug/l	100
31) Cyclohexane	5.57	56	199133	51.875	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	195538	50.823	ug/l	99
36) 1,1-Dichloropropene	5.79	75	162325	51.163	ug/l	99
37) Ethyl Acetate	4.81	43	184462	49.731	ug/l	98
38) Carbon Tetrachloride	5.77	117	166182	51.563	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	199628	52.265	ug/l	98
40) Benzene	6.13	78	470596	50.412	ug/l	100
41) Methacrylonitrile	5.03	41	105641	50.761	ug/l	97
42) 1,2-Dichloroethane	6.18	62	180501	50.919	ug/l	100
43) Isopropyl Acetate	6.43	43	305885	49.313	ug/l	98
44) Trichloroethene	7.20	130	121289	50.824	ug/l	94
45) 1,2-Dichloropropane	7.50	63	122281	51.164	ug/l	99
46) Dibromomethane	7.65	93	81041	49.803	ug/l	96
47) Bromodichloromethane	7.89	83	165849	50.996	ug/l	99
48) Methyl methacrylate	7.76	41	150514	50.605	ug/l	96
49) 1,4-Dioxane	7.73	88	70626	1046.900	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	951863	248.595	ug/l	98
52) Toluene	8.78	92	302418	51.545	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	189016	52.530	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203347	51.759	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	118545	50.821	ug/l	99
56) Ethyl methacrylate	9.17	69	198877	50.750	ug/l	95
57) 1,3-Dichloropropane	9.36	76	204906	50.192	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	482129	274.089	ug/l	99
59) 2-Hexanone	9.48	43	779415	265.935	ug/l	97
60) Dibromochloromethane	9.57	129	124110	52.561	ug/l	100
61) 1,2-Dibromoethane	9.67	107	125423	51.666	ug/l	100
64) Tetrachloroethene	9.33	164	108555	54.713	ug/l	94
65) Chlorobenzene	10.14	112	308452	51.473	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	115591	53.238	ug/l	98
67) Ethyl Benzene	10.24	91	579868	53.352	ug/l	99
68) m/p-Xylenes	10.35	106	433211	106.403	ug/l	99
69) o-Xylene	10.70	106	210059	53.320	ug/l	98
70) Styrene	10.71	104	363030	54.968	ug/l	100
71) Bromoform	10.85	173	82913	54.843	ug/l #	99
73) Isopropylbenzene	11.01	105	565700	50.612	ug/l	100
74) N-amyl acetate	10.89	43	271567	50.929	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185177	50.025	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	226117	62.289	ug/l	86
77) Bromobenzene	11.25	156	126638	50.060	ug/l	95
78) n-propylbenzene	11.35	91	644849	51.245	ug/l	99
79) 2-Chlorotoluene	11.42	91	386220	49.201	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	484531	51.694	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65739	51.897	ug/l	98
82) 4-Chlorotoluene	11.51	91	464212	51.876	ug/l	98
83) tert-Butylbenzene	11.76	119	454418	50.259	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	485924	51.392	ug/l	99
85) sec-Butylbenzene	11.94	105	546557	51.972	ug/l	99
86) p-Isopropyltoluene	12.06	119	509302	53.673	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	232906	51.160	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	236794	51.474	ug/l	99
89) n-Butylbenzene	12.38	91	437682	52.344	ug/l	99
90) Hexachloroethane	12.59	117	86474	51.116	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	233206	51.167	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48135	51.983	ug/l	96

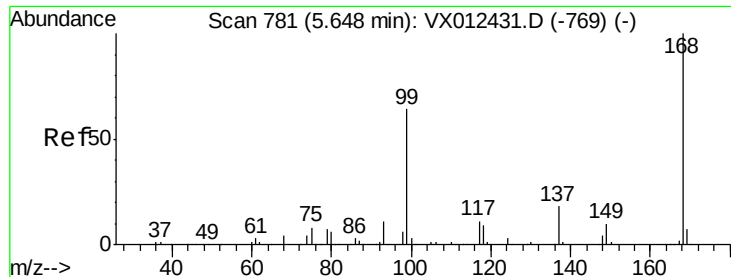
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146498	52.706	ug/l	98
94) Hexachlorobutadiene	13.78	225	65612	54.871	ug/l	99
95) Naphthalene	13.83	128	536359	53.335	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147148	52.849	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

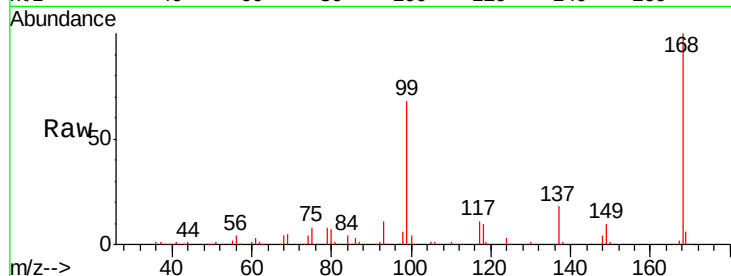
VSTDCCC050

Tgt Ion:168 Resp: 189383

Ion Ratio Lower Upper

168 100

99 67.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

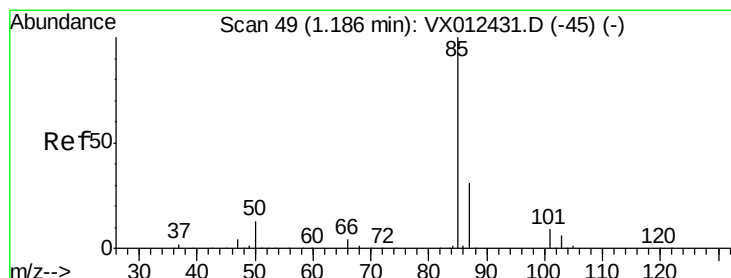
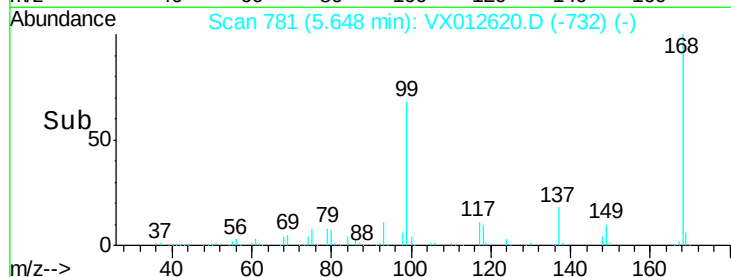
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 49.872 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012620.D

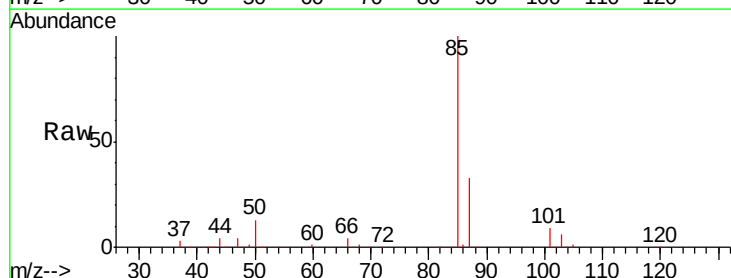
Acq: 24 Sep 2019 09:59

Tgt Ion: 85 Resp: 106253

Ion Ratio Lower Upper

85 100

87 33.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

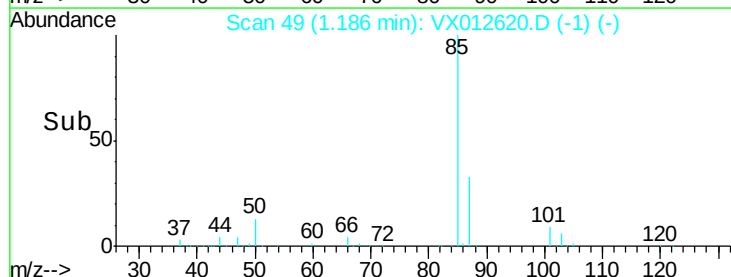
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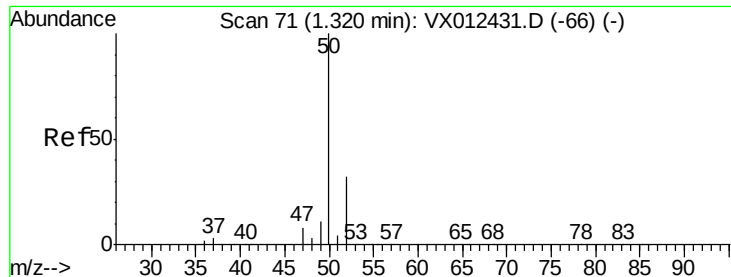
40000

20000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.154 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

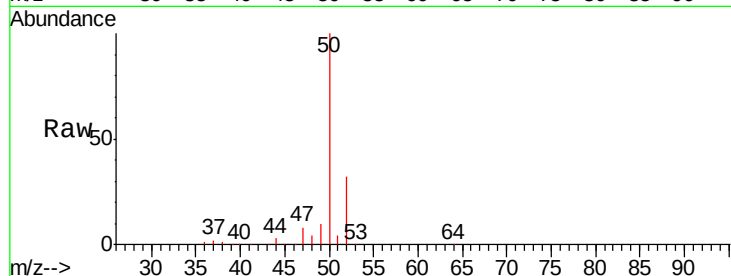
VSTDCCC050

Tgt Ion: 50 Resp: 120253

Ion Ratio Lower Upper

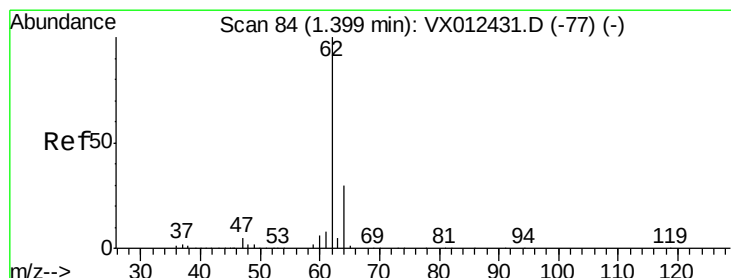
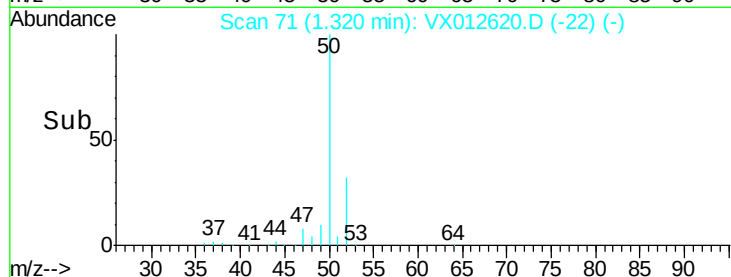
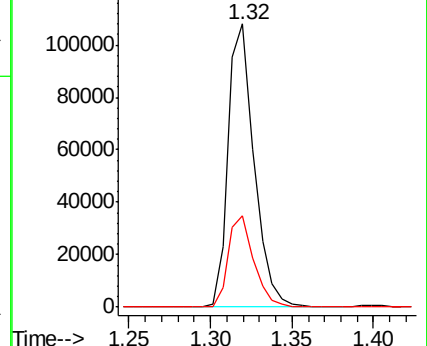
50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.925 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012620.D

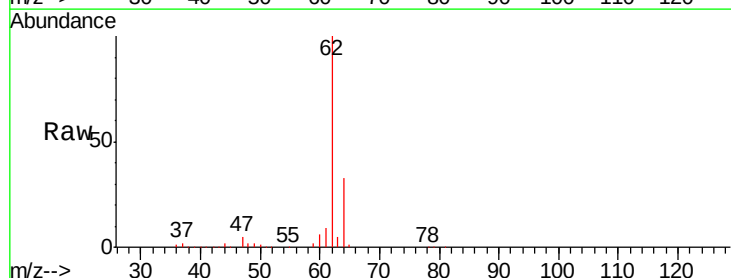
Acq: 24 Sep 2019 09:59

Tgt Ion: 62 Resp: 121401

Ion Ratio Lower Upper

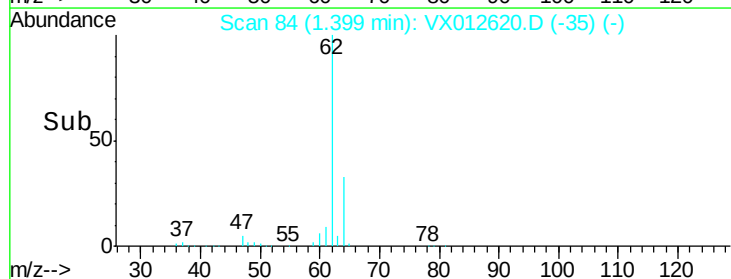
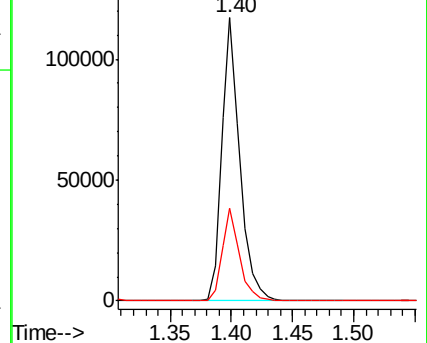
62 100

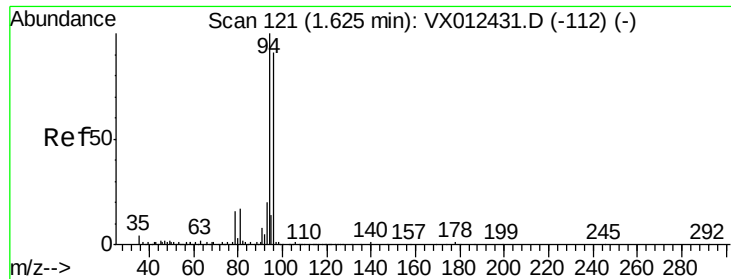
64 32.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.757 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

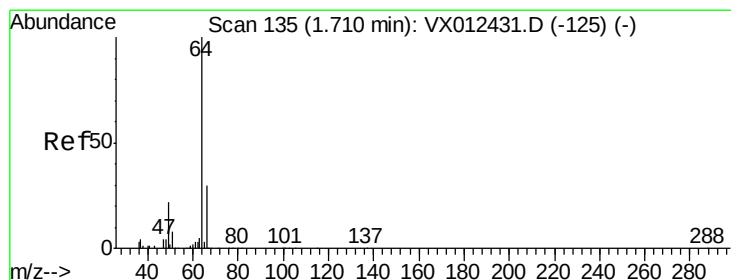
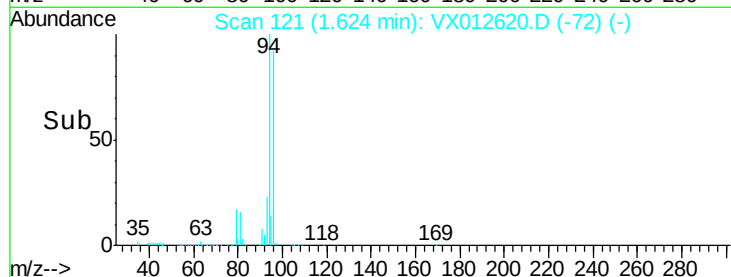
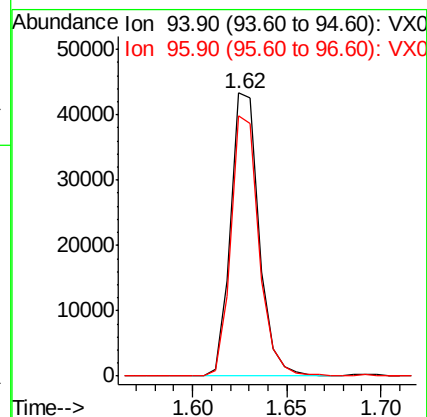
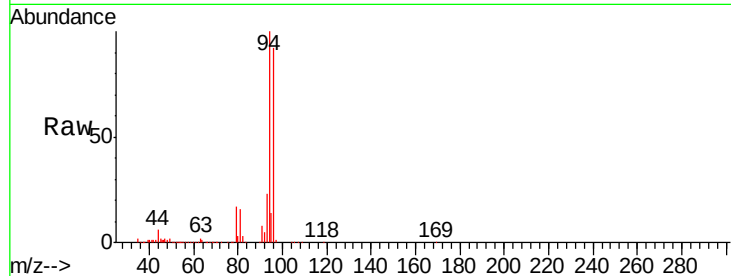
VSTDCCC050

Tgt Ion: 94 Resp: 45659

Ion Ratio Lower Upper

94 100

96 91.8 72.8 109.2



#6

Chloroethane

Concen: 46.675 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012620.D

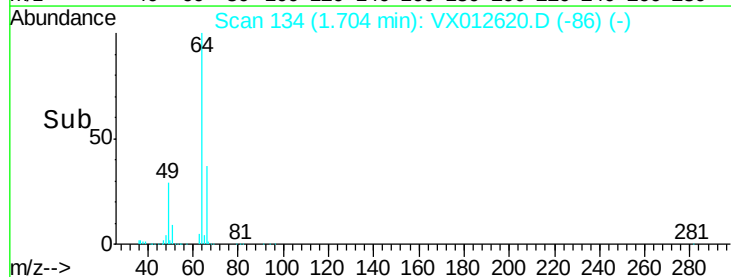
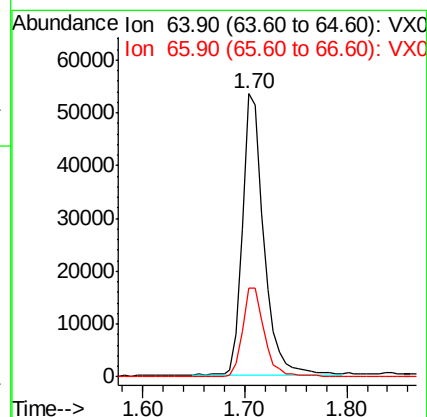
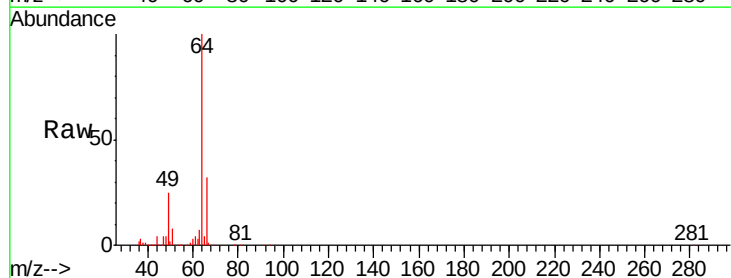
Acq: 24 Sep 2019 09:59

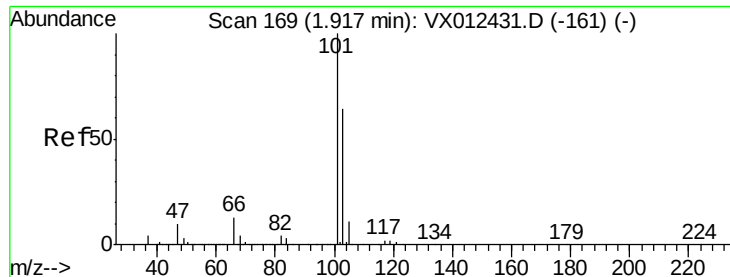
Tgt Ion: 64 Resp: 76513

Ion Ratio Lower Upper

64 100

66 31.5 24.0 36.0



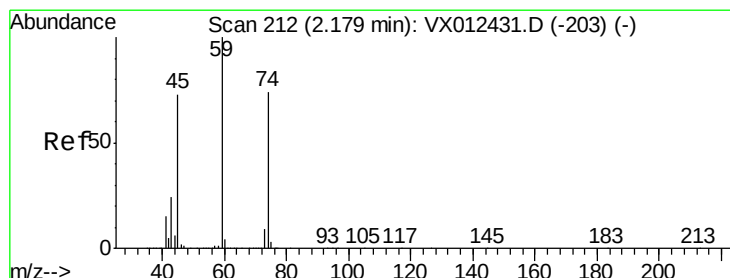
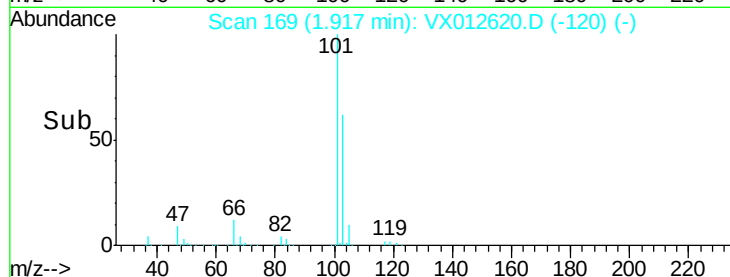
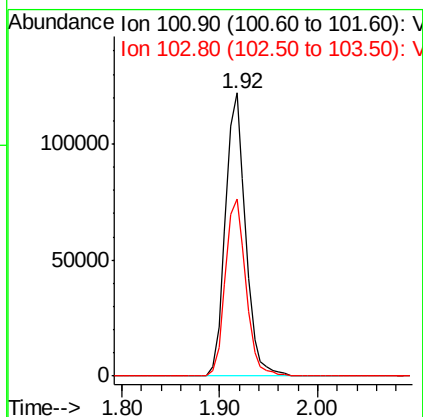
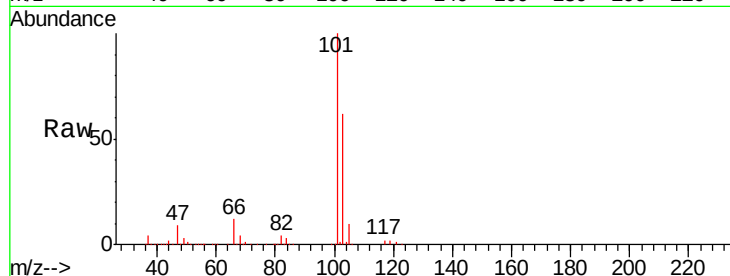


#7

Trichlorofluoromethane
 Concen: 51.237 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

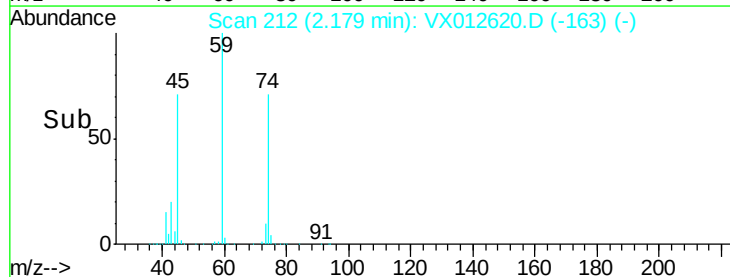
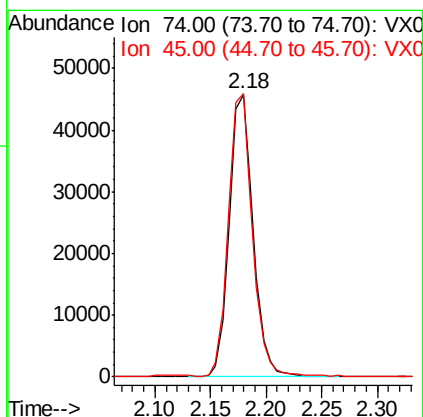
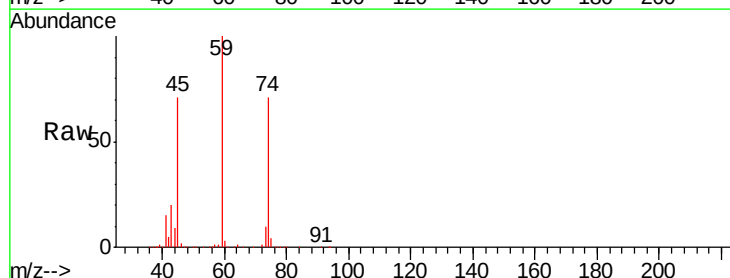
Tgt Ion: 101 Resp: 174927
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.0 76.4

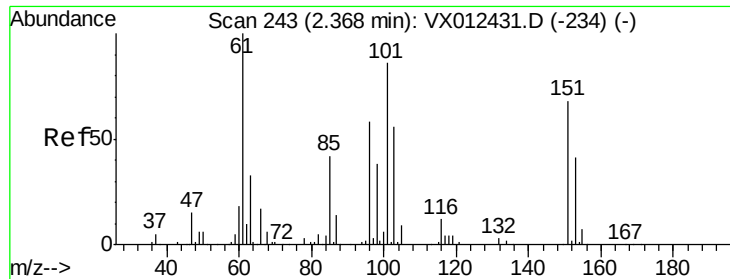


#8

Diethyl Ether
 Concen: 48.476 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 74 Resp: 67823
 Ion Ratio Lower Upper
 74 100
 45 100.4 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.596 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

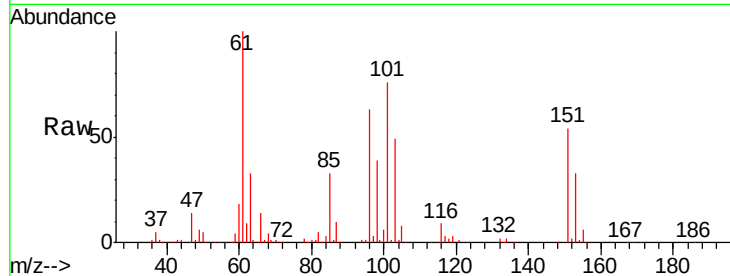
Tgt Ion:101 Resp: 109371

Ion Ratio Lower Upper

101 100

85 43.8 37.3 55.9

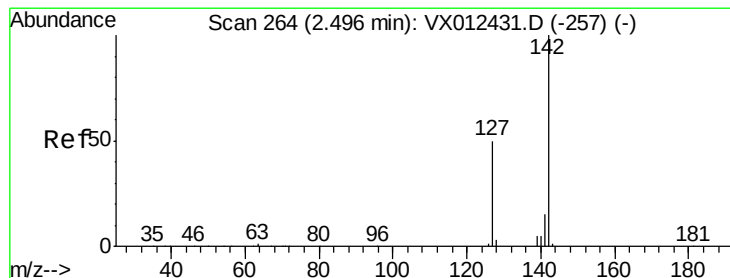
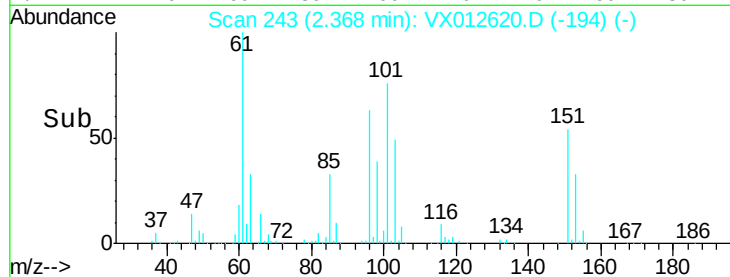
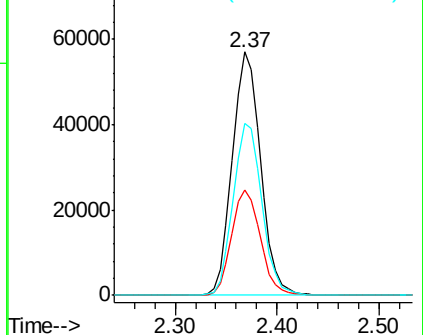
151 71.8 61.0 91.4



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: 49.552 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

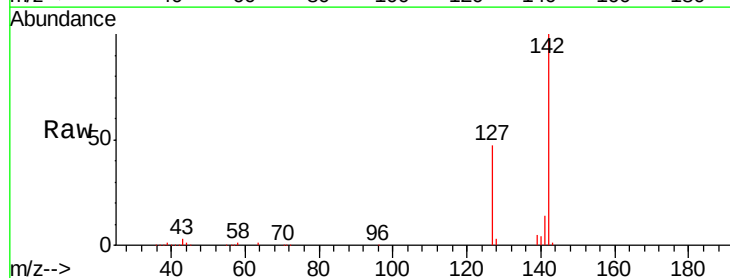
Tgt Ion:142 Resp: 108443

Ion Ratio Lower Upper

142 100

127 47.8 40.8 61.2

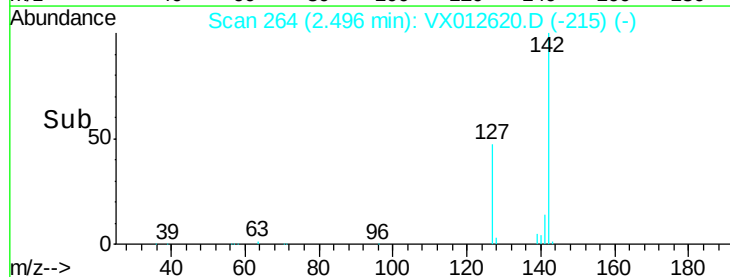
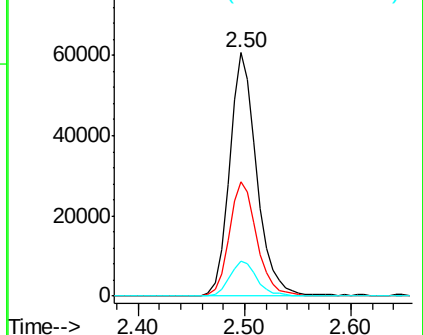
141 14.5 12.1 18.1

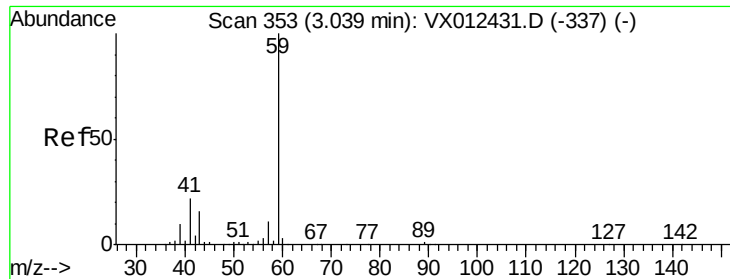


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



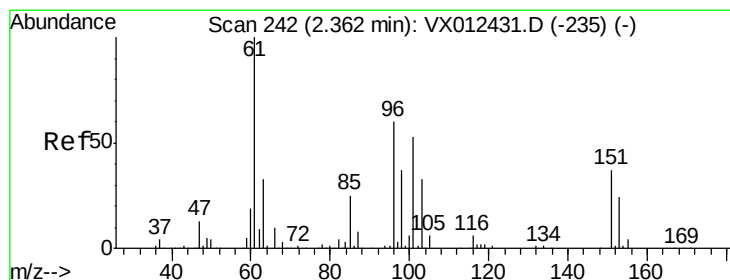
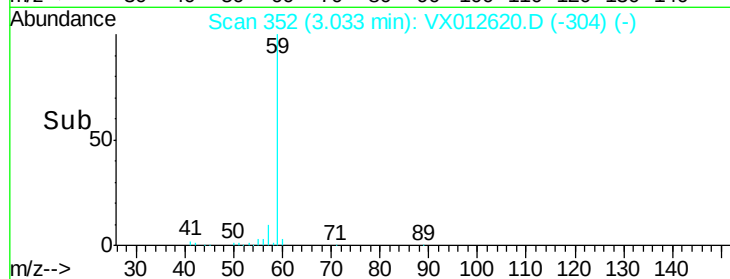
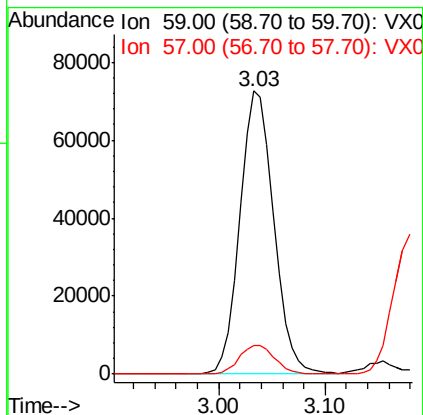
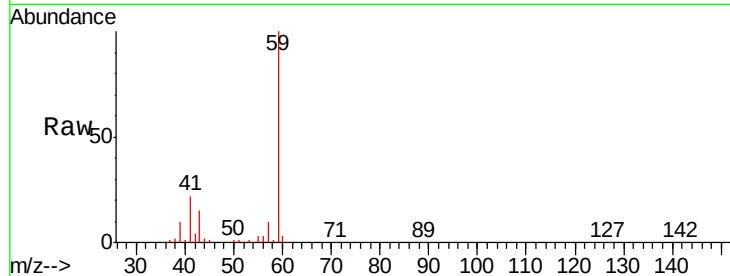


#11

Tert butyl alcohol
 Concen: 236.091 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

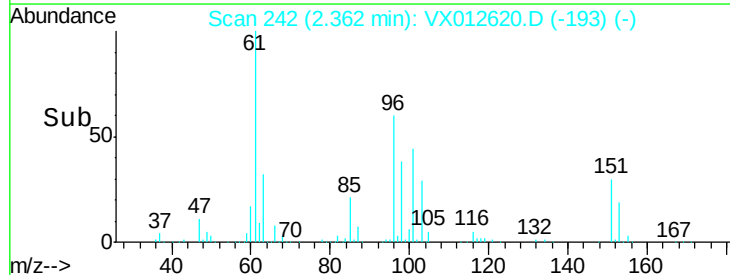
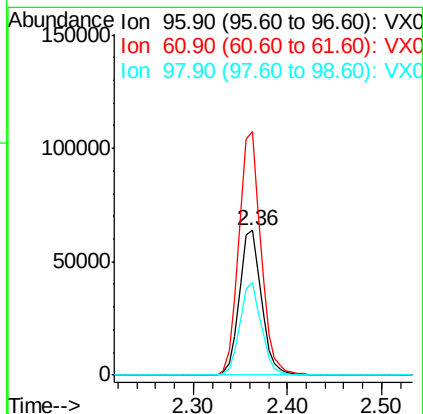
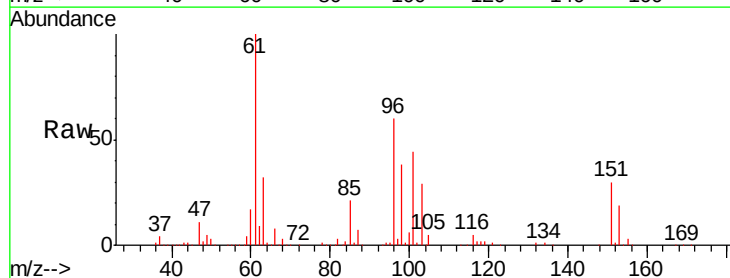
Tgt Ion: 59 Resp: 162646
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

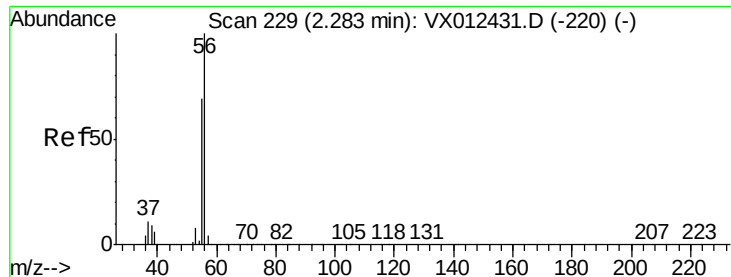


#12

1,1-Dichloroethene
 Concen: 51.041 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 96 Resp: 103930
 Ion Ratio Lower Upper
 96 100
 61 167.9 133.8 200.6
 98 63.4 49.9 74.9





#13

Acrolein

Concen: 227.607 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

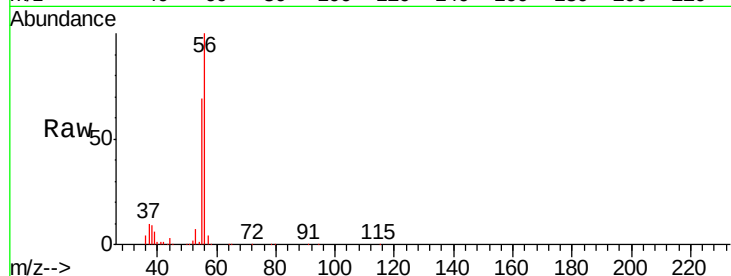
VSTDCCC050

Tgt Ion: 56 Resp: 86981

Ion Ratio Lower Upper

56 100

55 70.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

60000

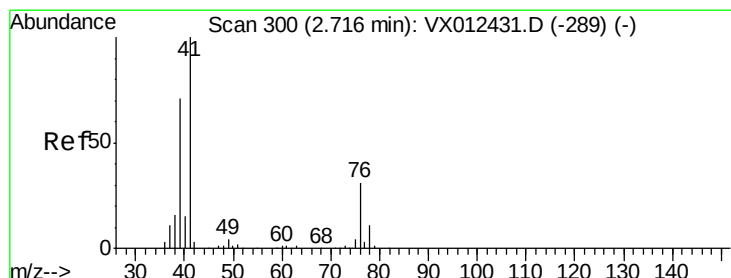
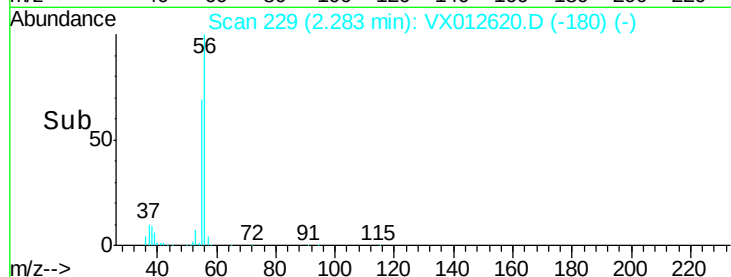
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 50.469 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

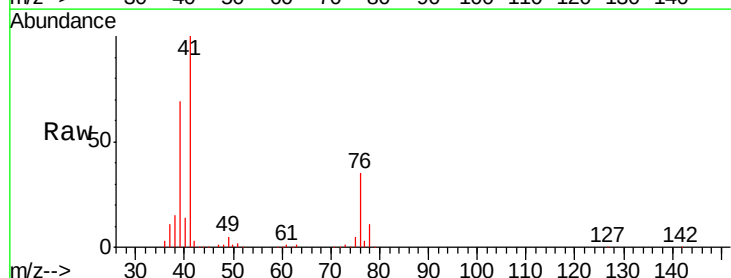
Tgt Ion: 41 Resp: 203887

Ion Ratio Lower Upper

41 100

39 64.8 51.3 76.9

76 31.7 22.6 33.8



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

200000

150000

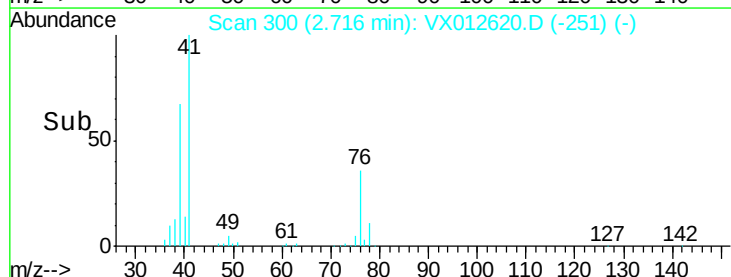
100000

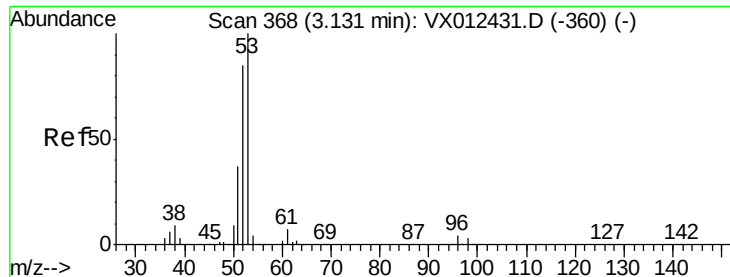
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 245.379 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

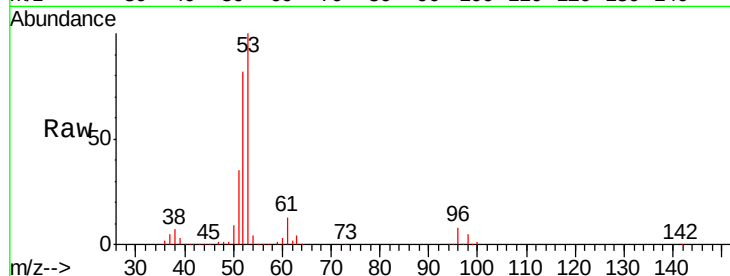
Tgt Ion: 53 Resp: 342956

Ion Ratio Lower Upper

53 100

52 82.0 67.0 100.4

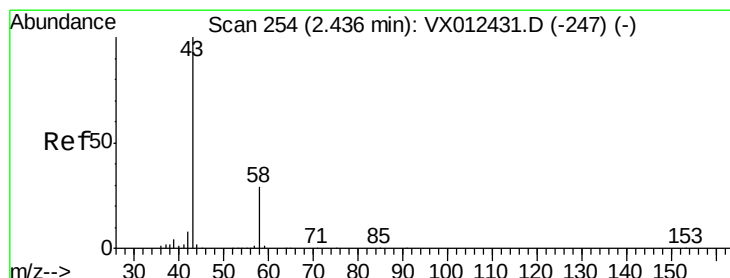
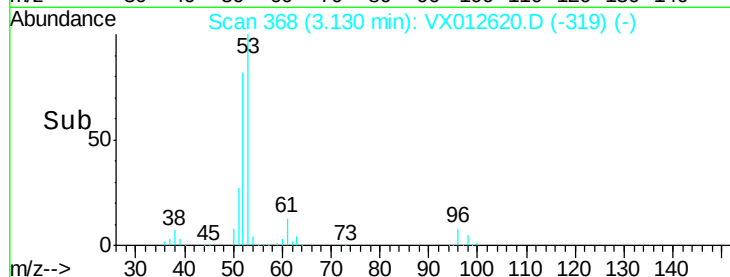
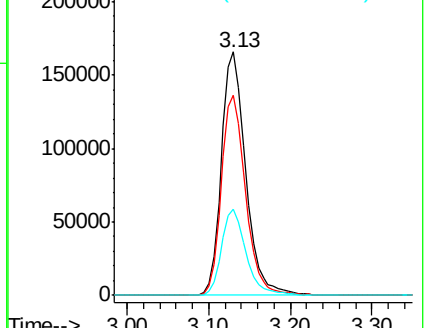
51 35.7 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 293.610 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012620.D

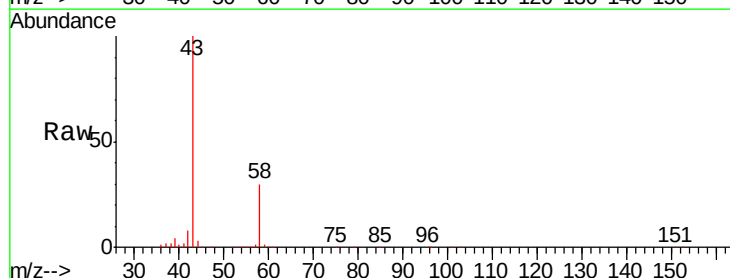
Acq: 24 Sep 2019 09:59

Tgt Ion: 43 Resp: 428889

Ion Ratio Lower Upper

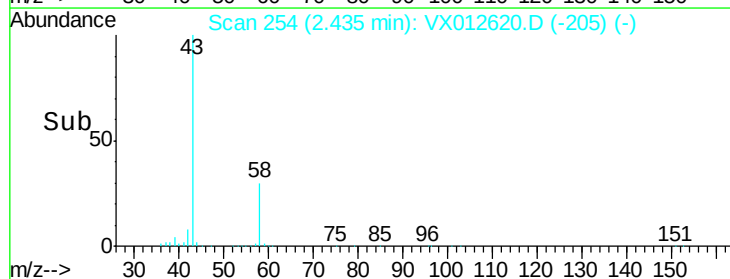
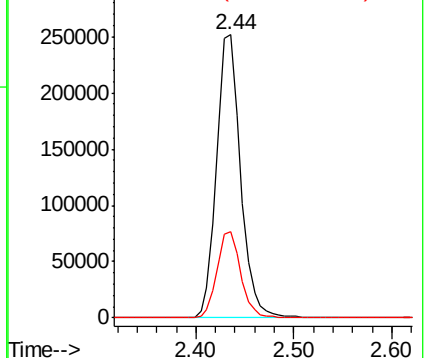
43 100

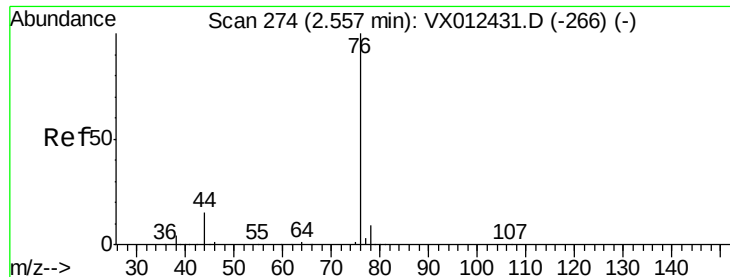
58 30.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.227 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

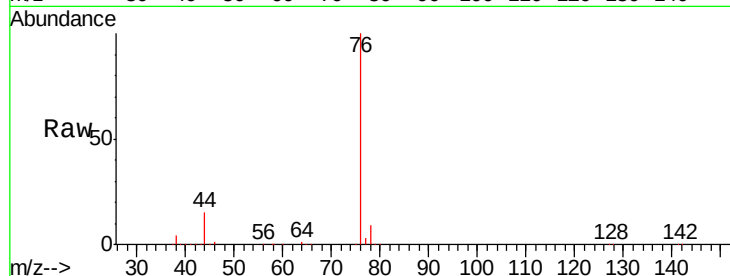
VSTDCCC050

Tgt Ion: 76 Resp: 281006

Ion Ratio Lower Upper

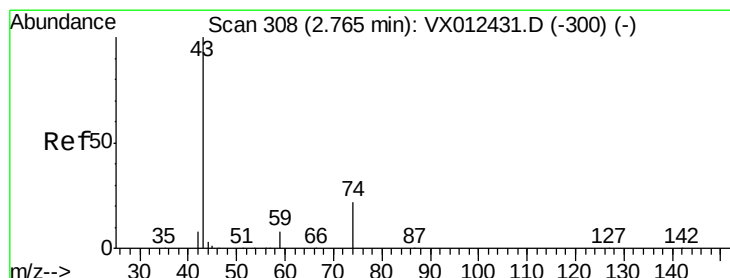
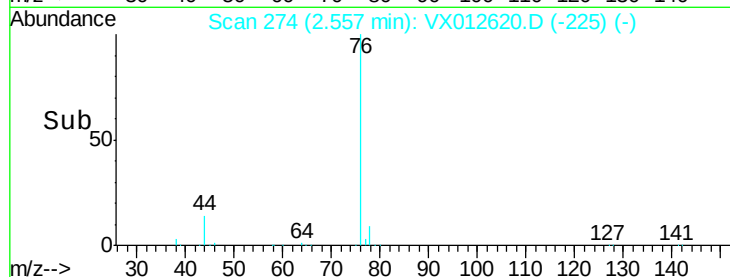
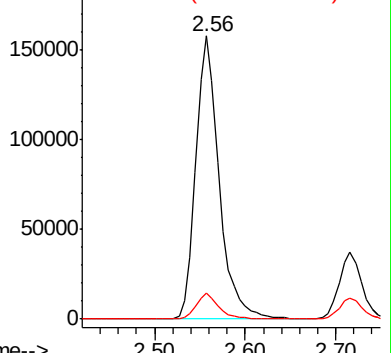
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.636 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012620.D

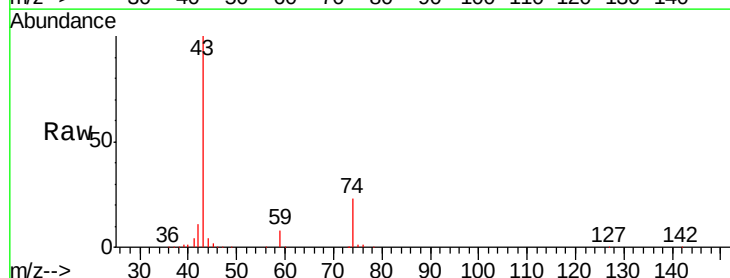
Acq: 24 Sep 2019 09:59

Tgt Ion: 43 Resp: 163847

Ion Ratio Lower Upper

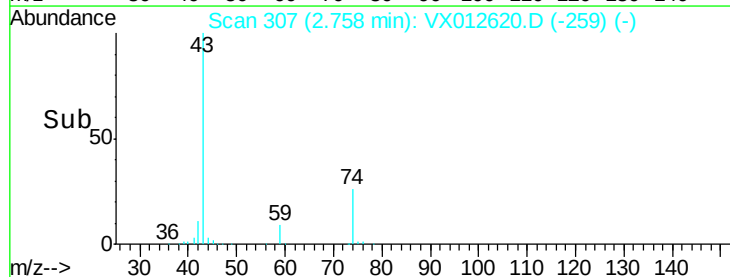
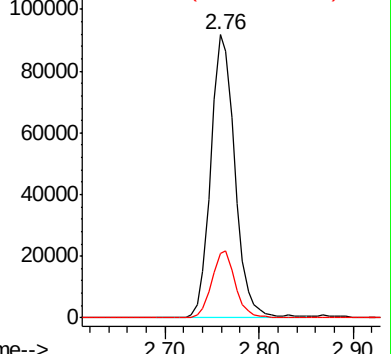
43 100

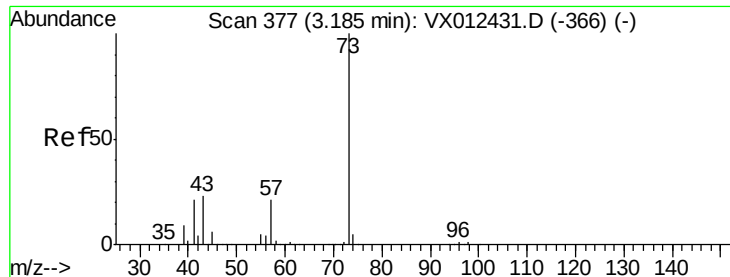
74 23.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

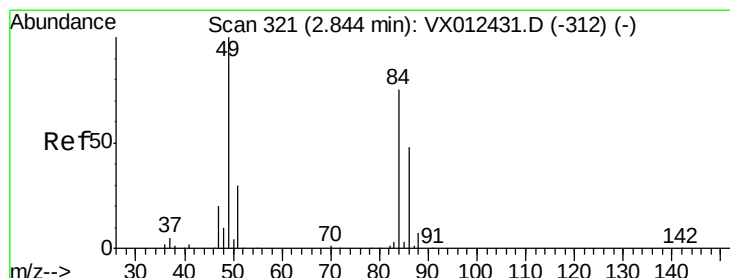
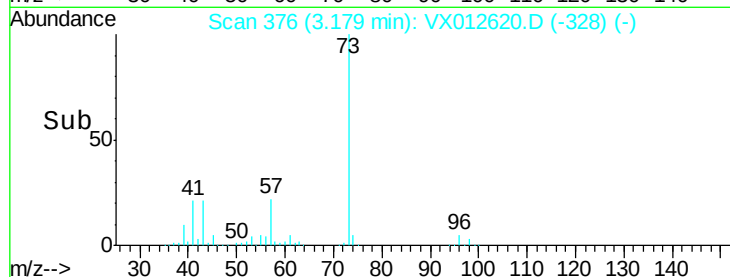
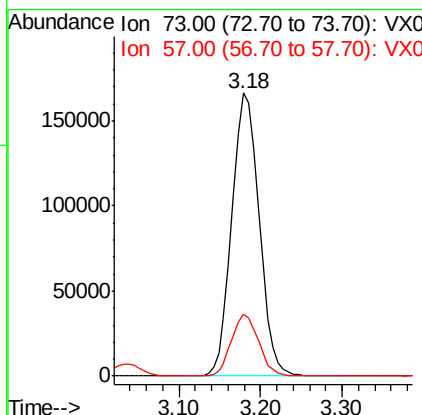
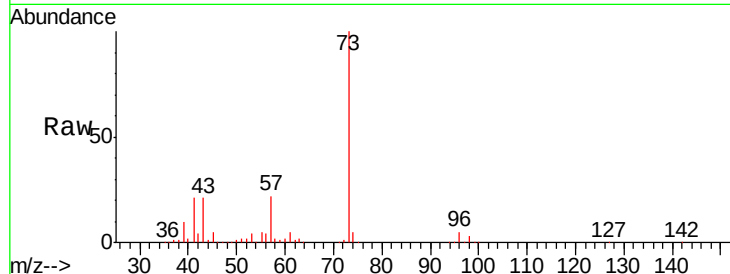




#19
Methyl tert-butyl Ether
Concen: 49.999 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

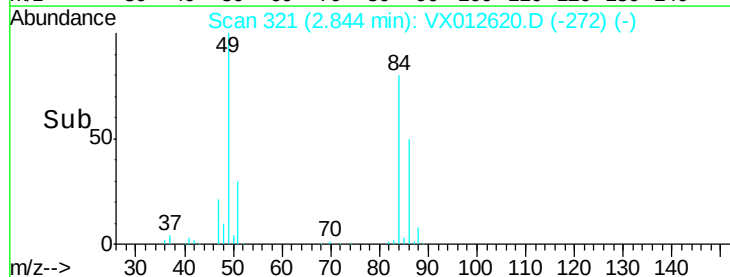
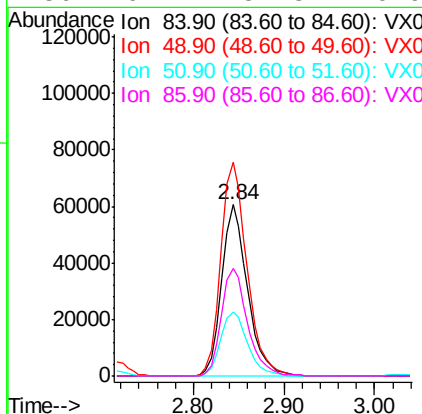
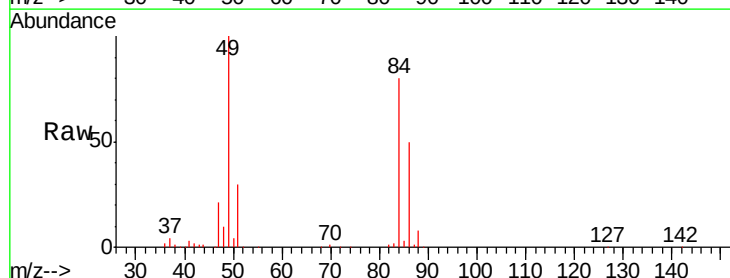
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

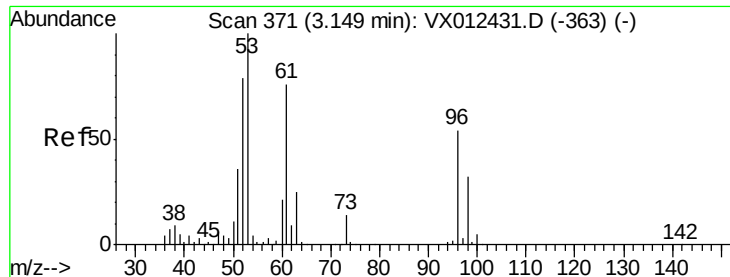
Tgt Ion: 73 Resp: 385357
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2



#20
Methylene Chloride
Concen: 48.523 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion: 84 Resp: 119883
Ion Ratio Lower Upper
84 100
49 124.7 106.8 160.2
51 37.7 32.3 48.5
86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.880 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

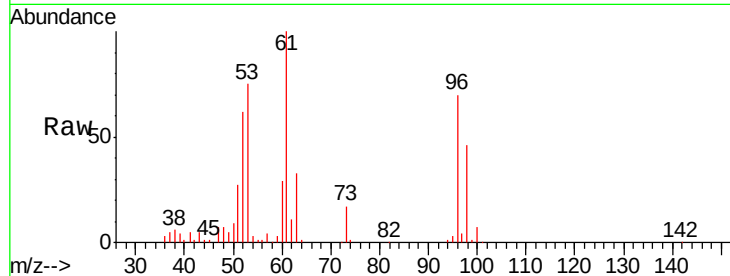
Tgt Ion: 96 Resp: 112522

Ion Ratio Lower Upper

96 100

61 142.4 112.0 168.0

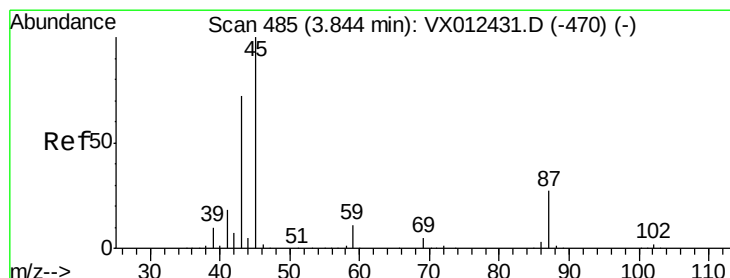
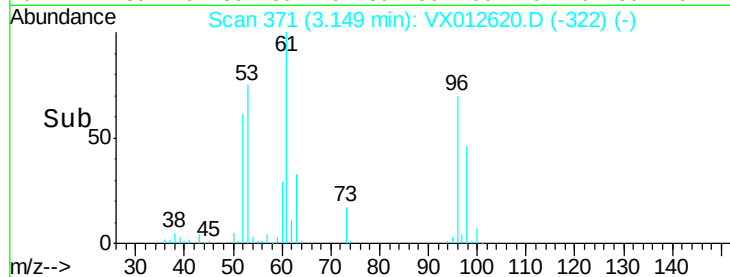
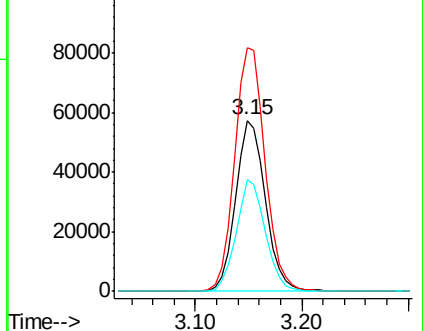
98 65.7 47.8 71.8



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: 49.985 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion: 45 Resp: 390183

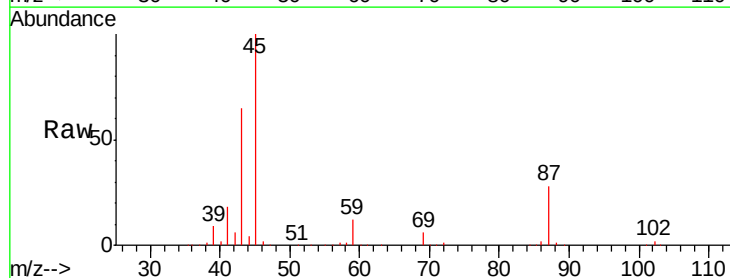
Ion Ratio Lower Upper

45 100

43 64.3 57.8 86.8

87 27.9 21.3 31.9

59 11.6 8.5 12.7

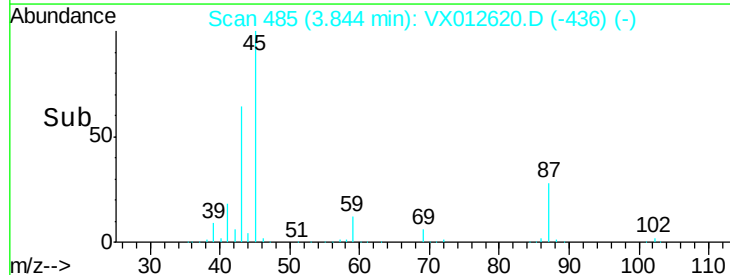
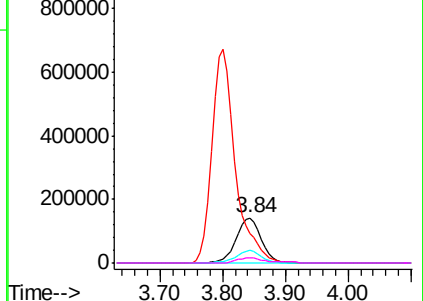


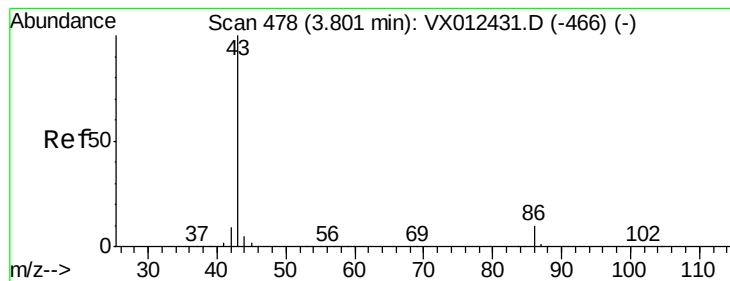
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 252.885 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

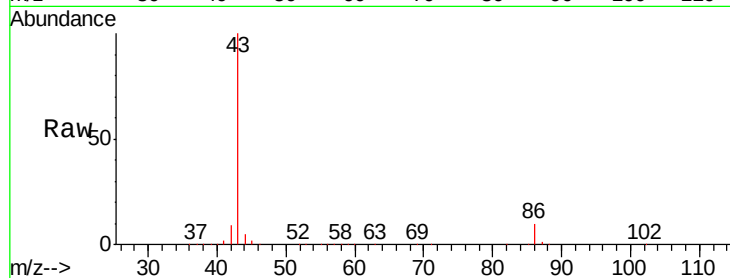
VSTDCCC050

Tgt Ion: 43 Resp: 1731135

Ion Ratio Lower Upper

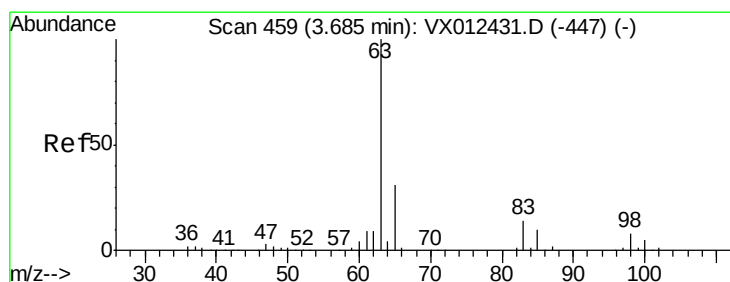
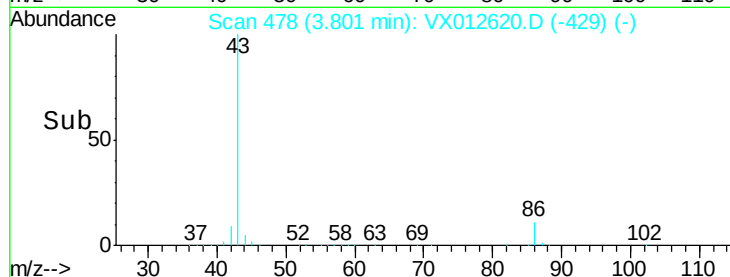
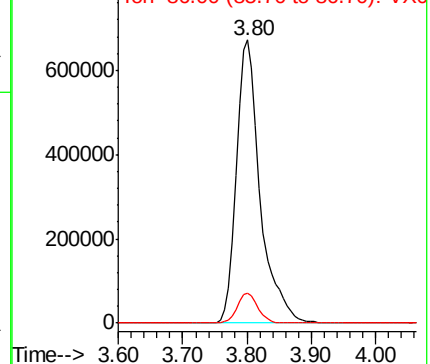
43 100

86 10.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.778 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

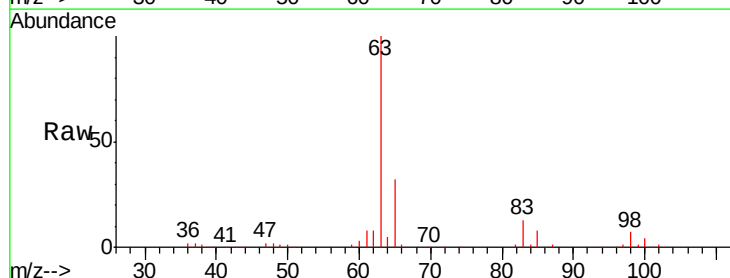
Tgt Ion: 63 Resp: 211215

Ion Ratio Lower Upper

63 100

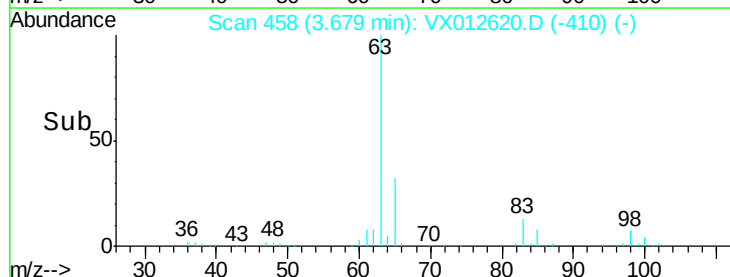
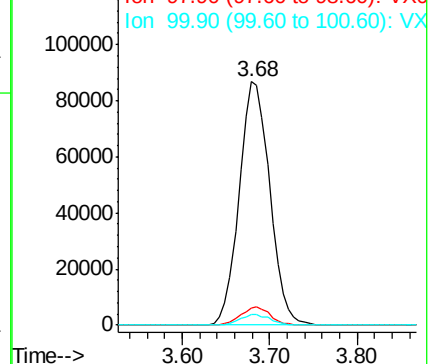
98 6.9 3.9 11.7

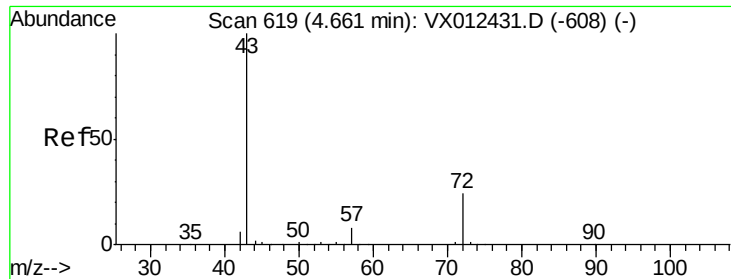
100 4.2 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 265.893 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

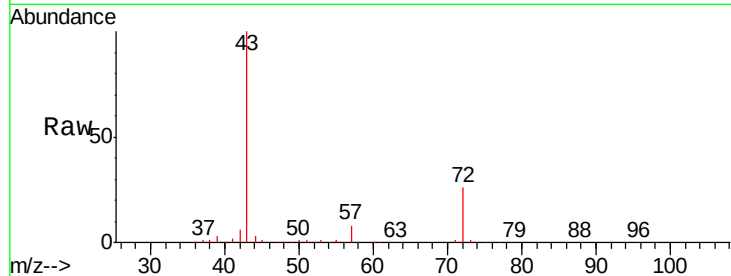
VSTDCCC050

Tgt Ion: 43 Resp: 556910

Ion Ratio Lower Upper

43 100

72 25.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

200000

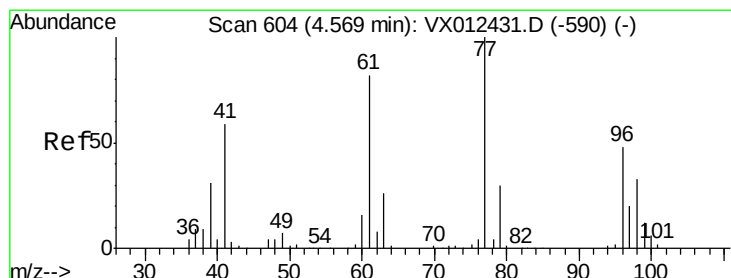
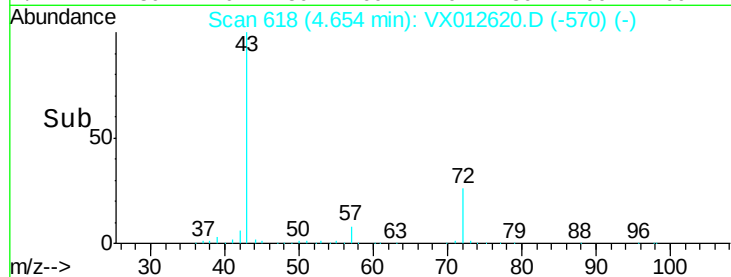
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.072 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012620.D

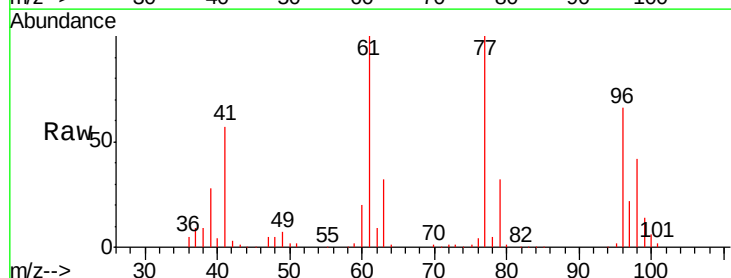
Acq: 24 Sep 2019 09:59

Tgt Ion: 77 Resp: 192738

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

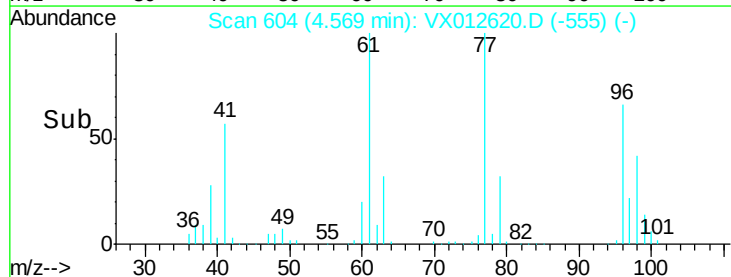
60000

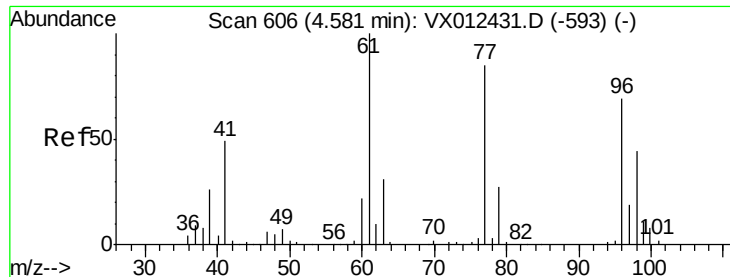
40000

20000

0

Time-->



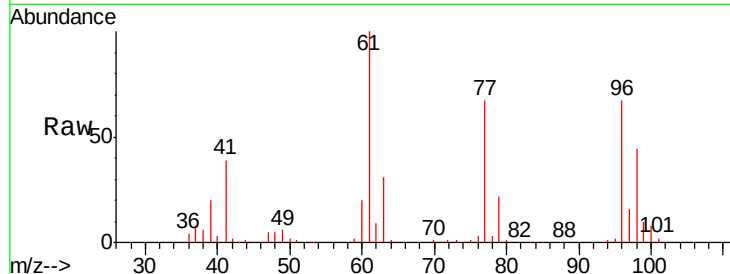


#27

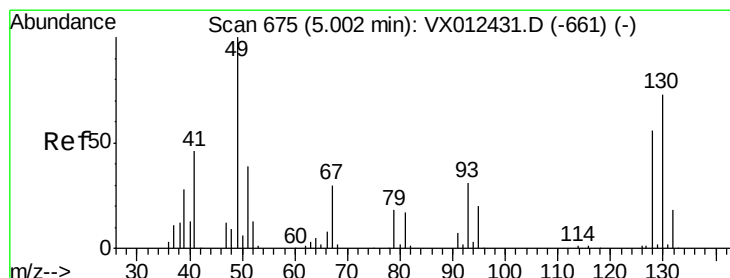
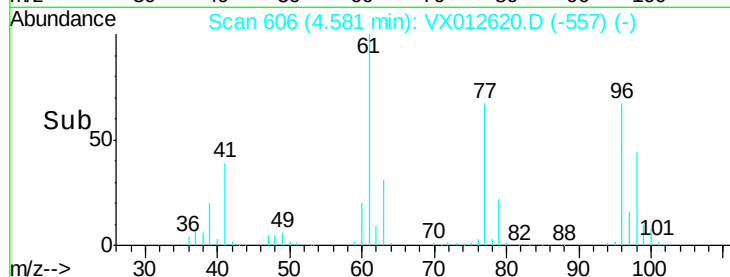
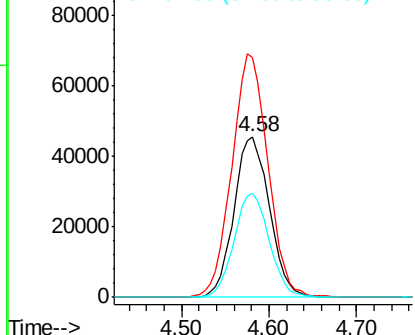
cis-1,2-Dichloroethene
 Concen: 49.131 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 128600
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 319.4
 98 64.5 0.0 130.6



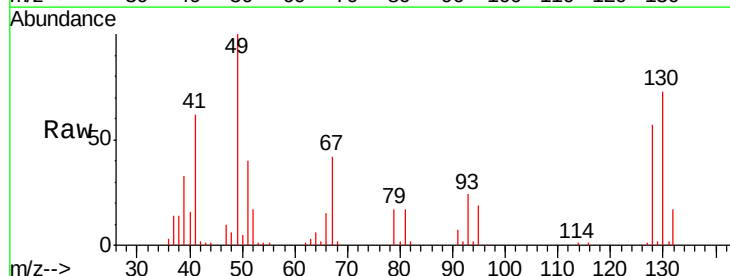
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



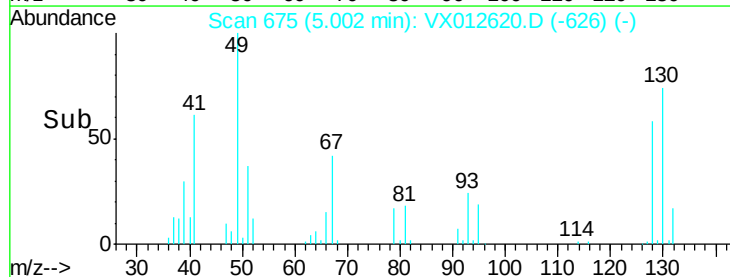
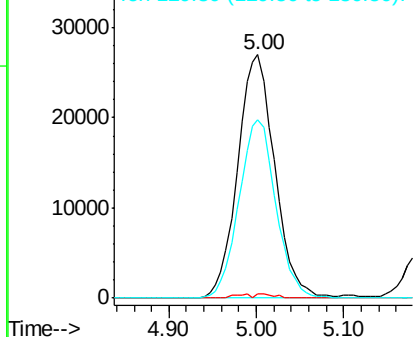
#28

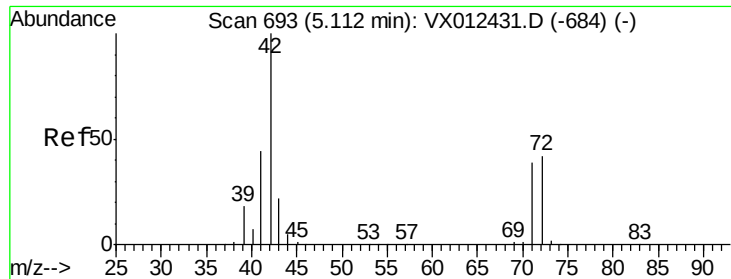
Bromochloromethane
 Concen: 51.622 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 49 Resp: 79533
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 72.6 58.2 87.4



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: 244.912 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

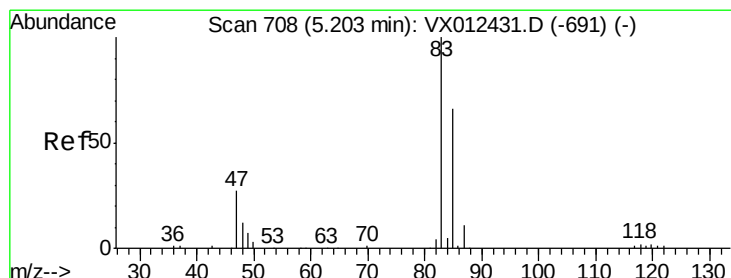
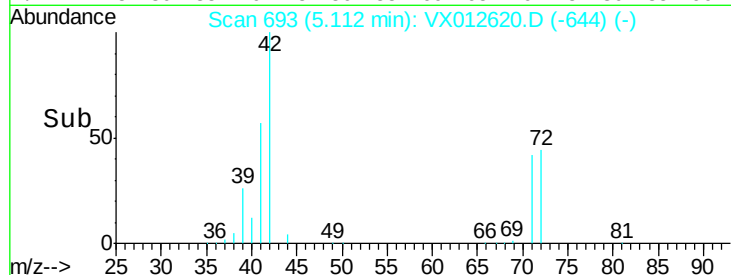
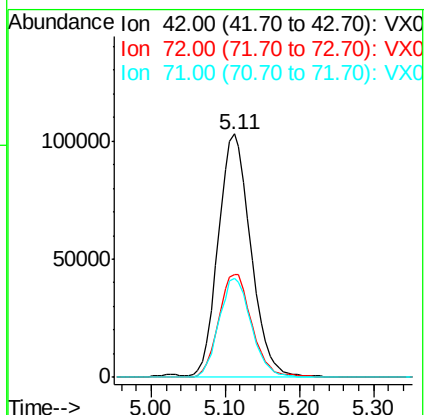
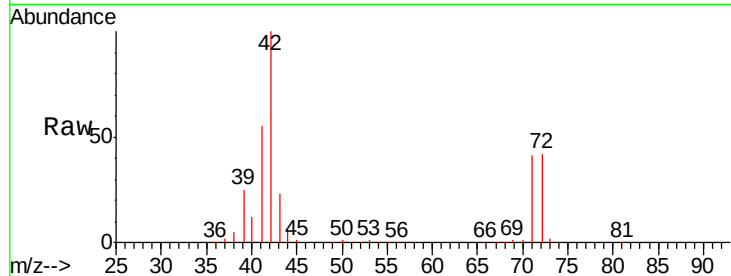
Tgt Ion: 42 Resp: 312655

Ion Ratio Lower Upper

42 100

72 43.4 34.0 51.0

71 40.5 31.5 47.3



#30

Chloroform

Concen: 49.294 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012620.D

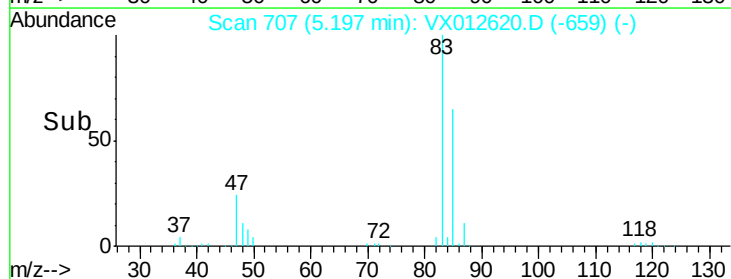
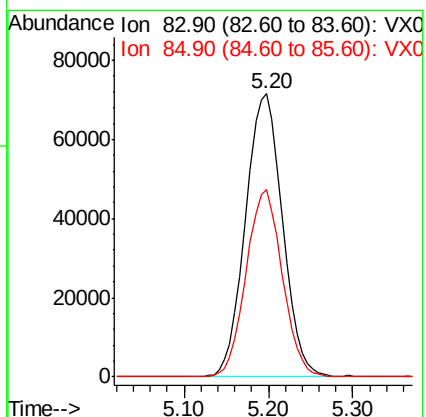
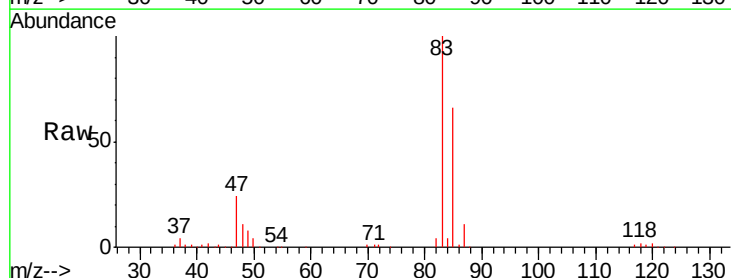
Acq: 24 Sep 2019 09:59

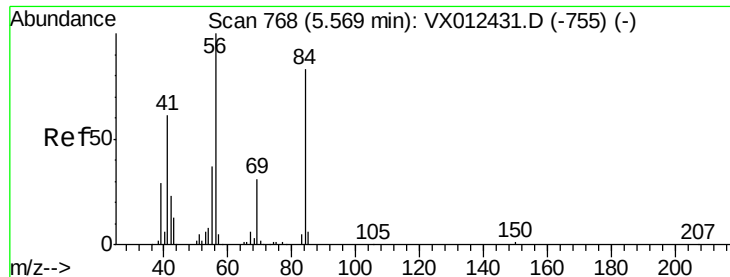
Tgt Ion: 83 Resp: 213992

Ion Ratio Lower Upper

83 100

85 66.1 53.0 79.4

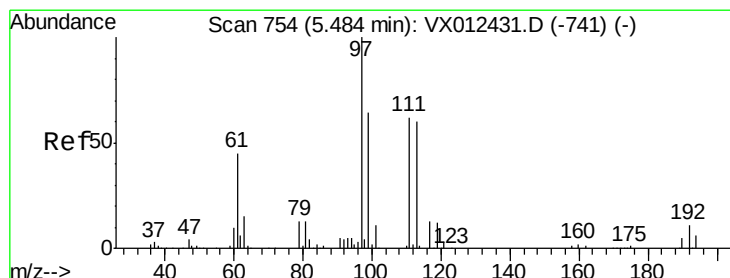
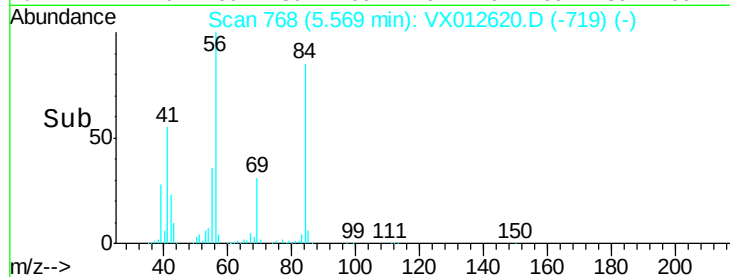
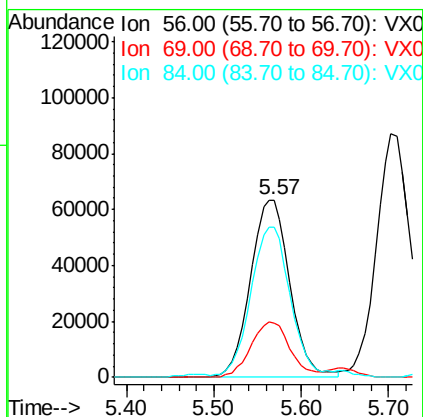
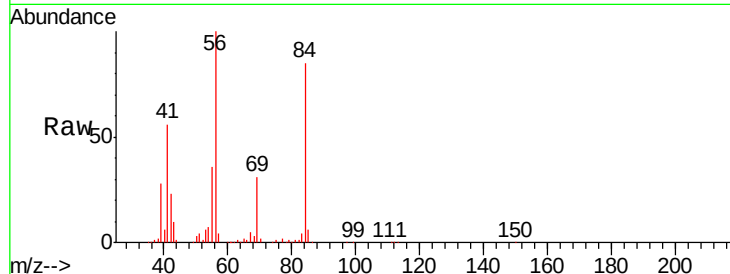




#31
Cyclohexane
Concen: 51.875 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

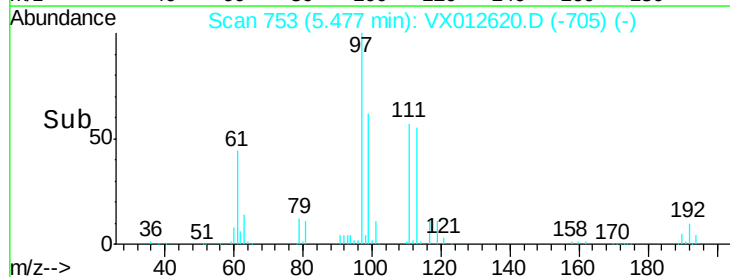
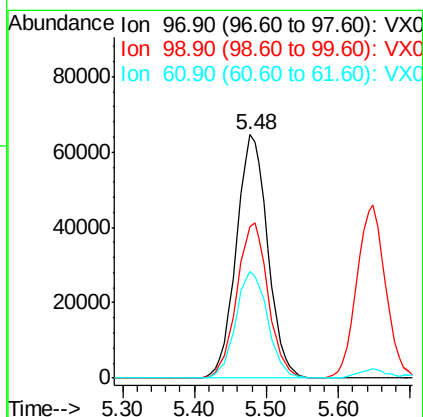
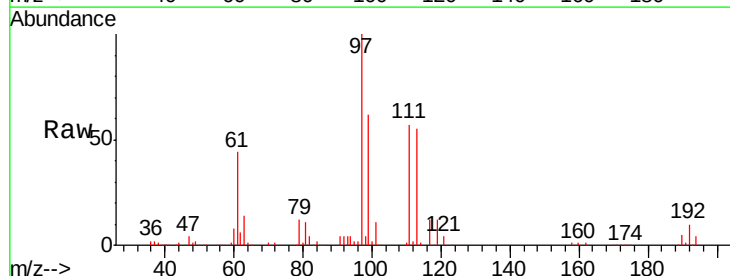
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

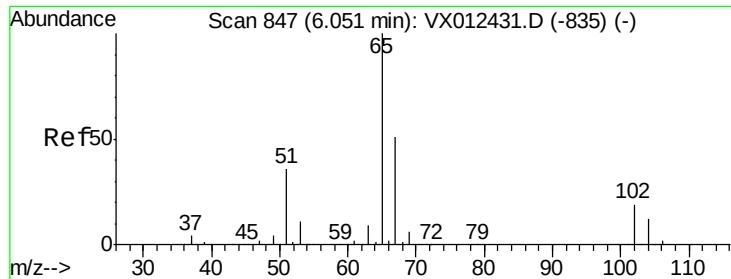
Tgt Ion:	56	Resp:	199133
Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.0	37.6
84	82.7	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 50.823 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion:	97	Resp:	195538
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	44.7	36.1	54.1

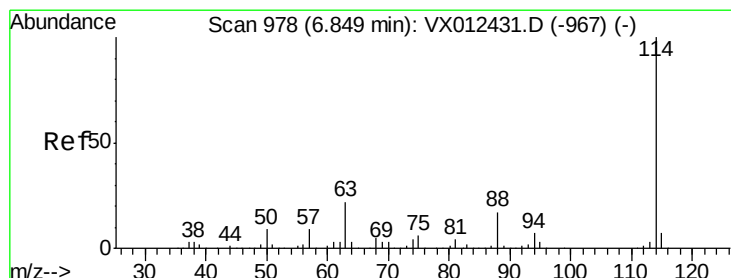
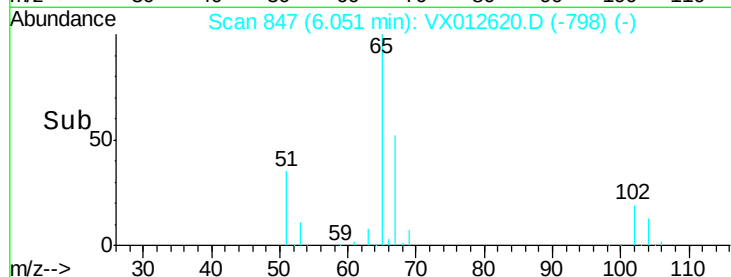
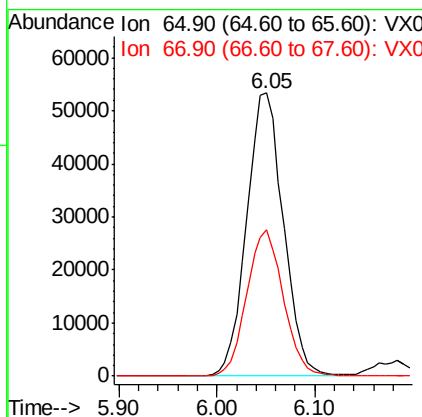
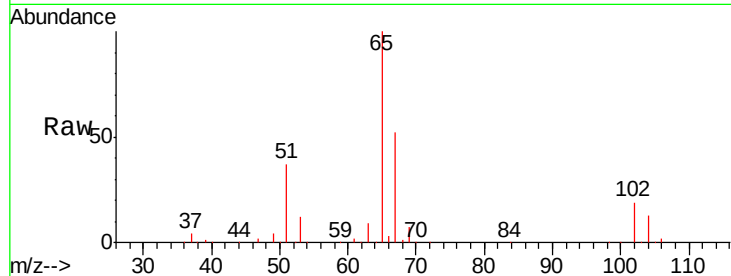




#33
 1,2-Dichloroethane-d4
 Concen: 50.461 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

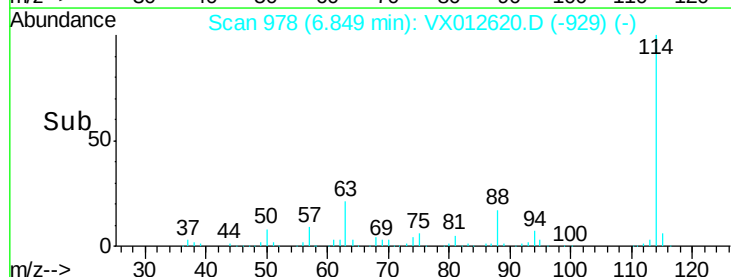
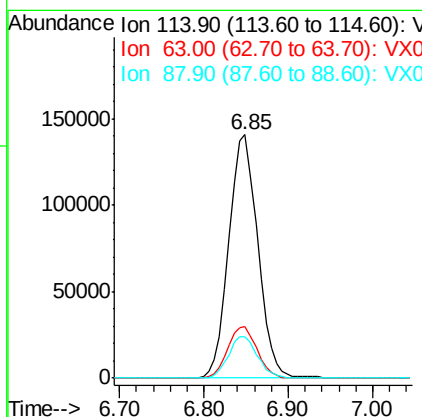
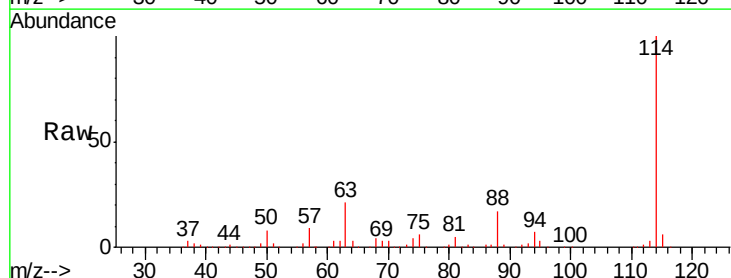
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

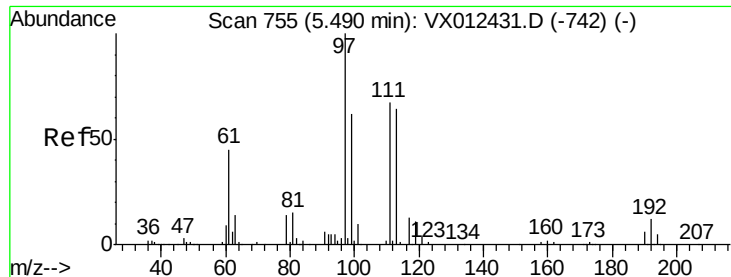
Tgt Ion: 65 Resp: 139161
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 114 Resp: 329154
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 16.8 0.0 33.2

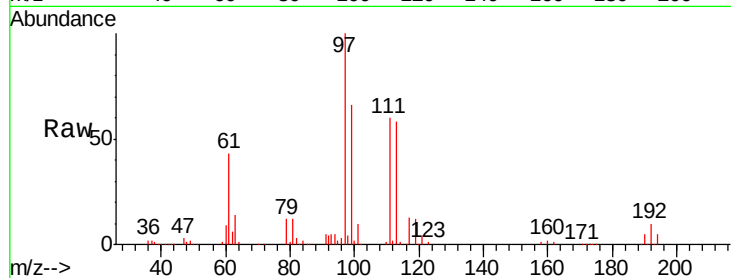




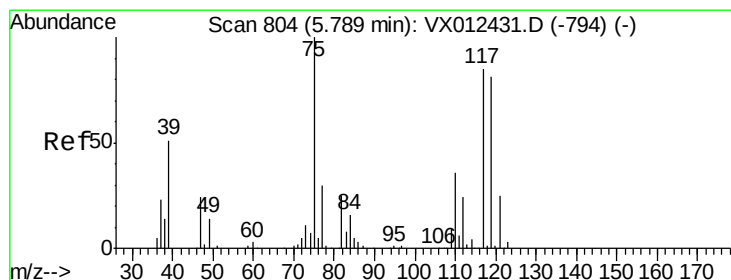
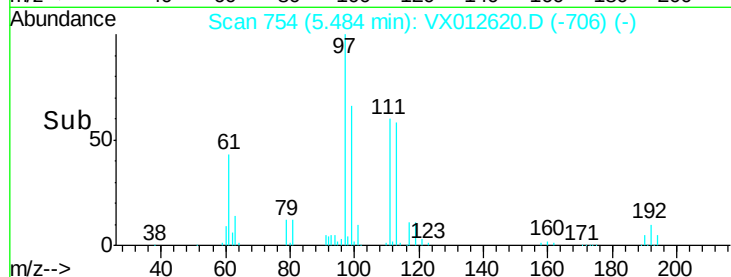
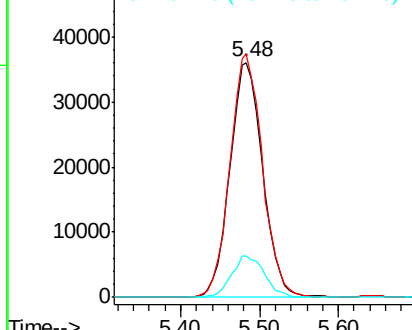
#35
 Dibromofluoromethane
 Concen: 53.226 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.2
192	17.7	14.4	21.6

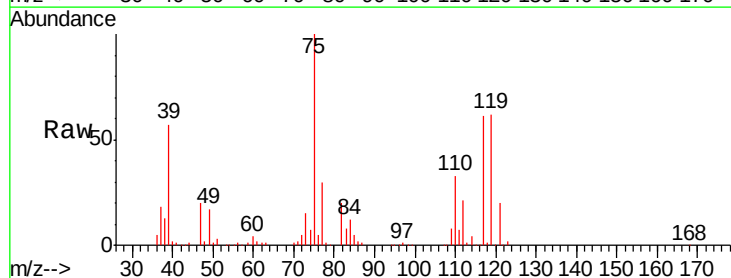


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

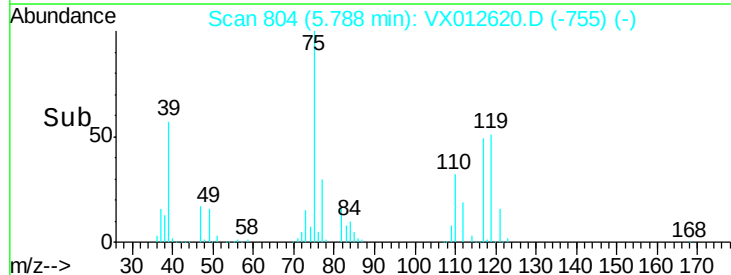
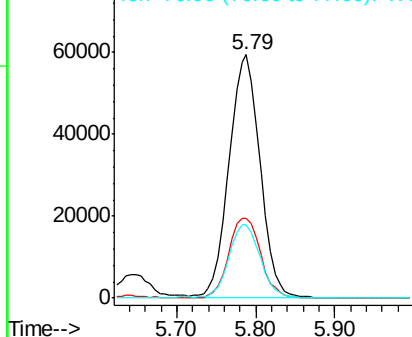


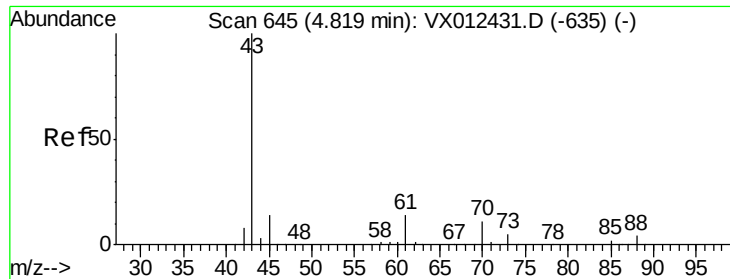
#36
 1,1-Dichloropropene
 Concen: 51.163 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.7	50.0
77	30.8	24.2	36.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.731 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

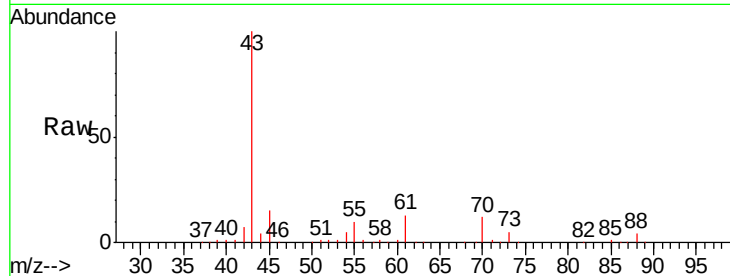
Tgt Ion: 43 Resp: 184462

Ion Ratio Lower Upper

43 100

61 13.6 10.2 15.4

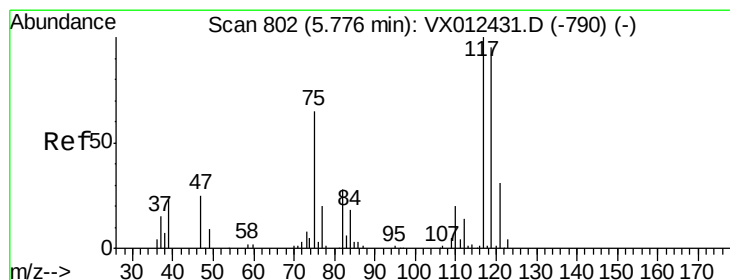
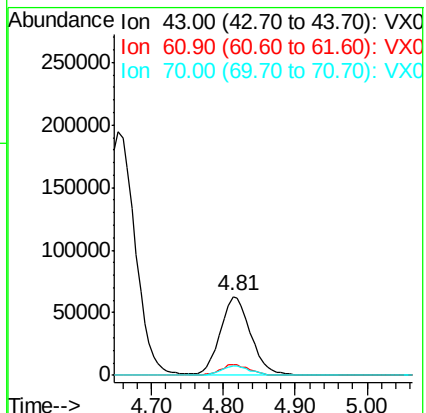
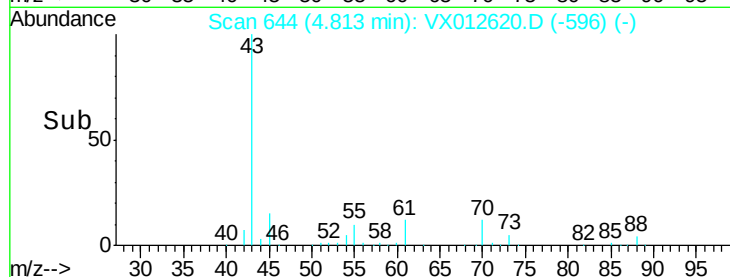
70 11.8 8.7 13.1



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: 51.563 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

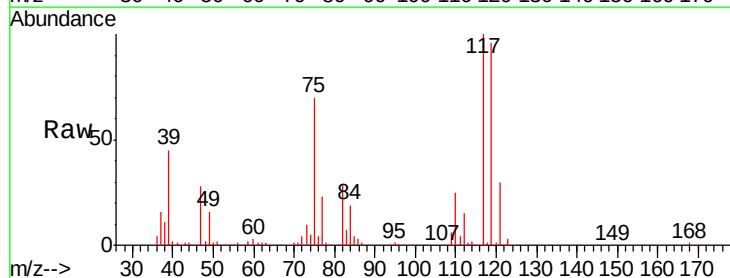
Tgt Ion: 117 Resp: 166182

Ion Ratio Lower Upper

117 100

119 95.5 75.7 113.5

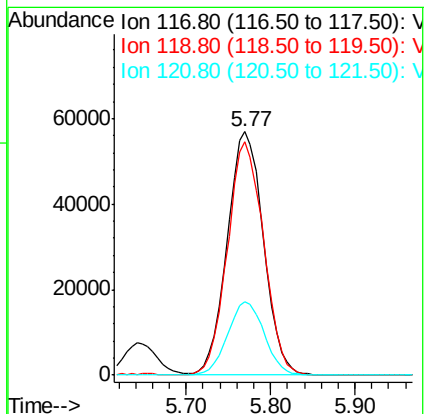
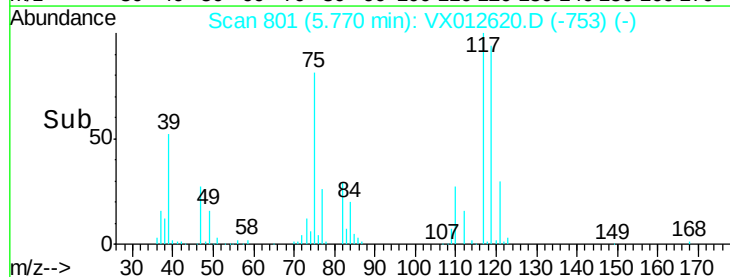
121 30.0 24.2 36.4

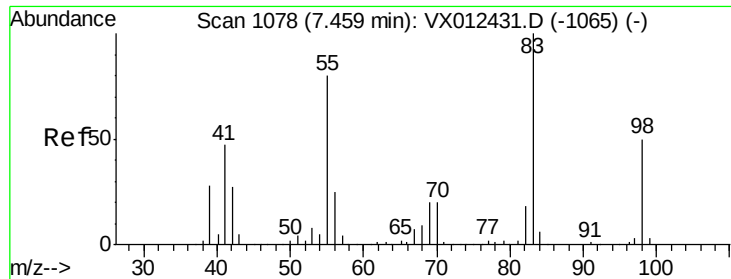


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

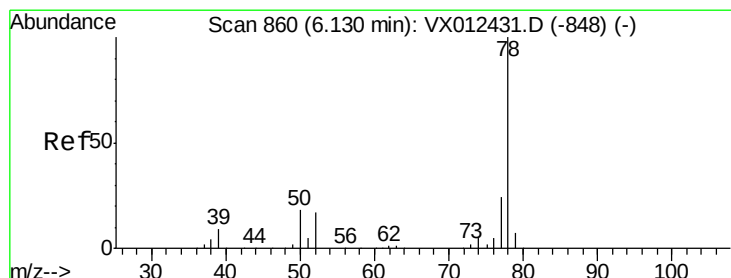
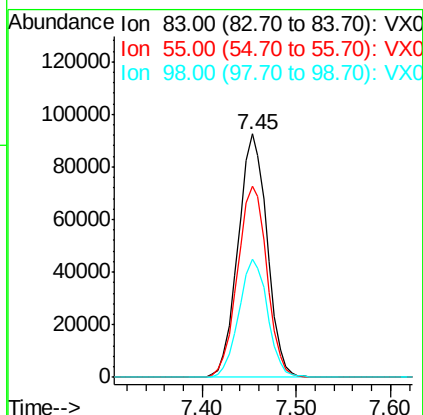
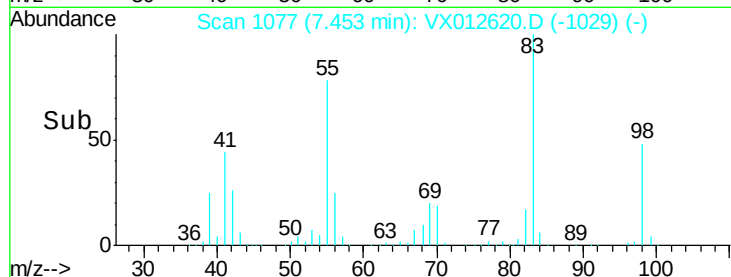
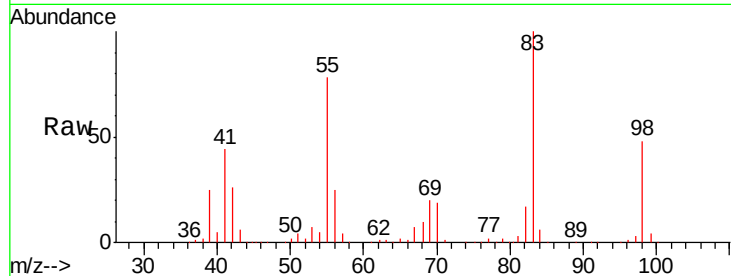




#39
Methylcyclohexane
Concen: 52.265 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

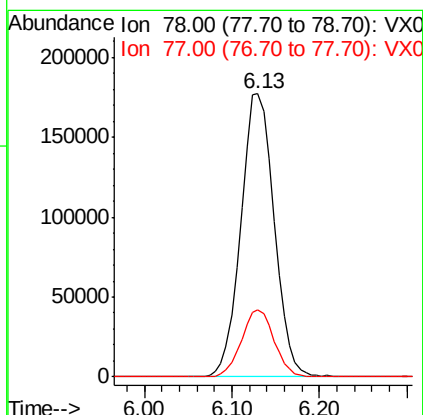
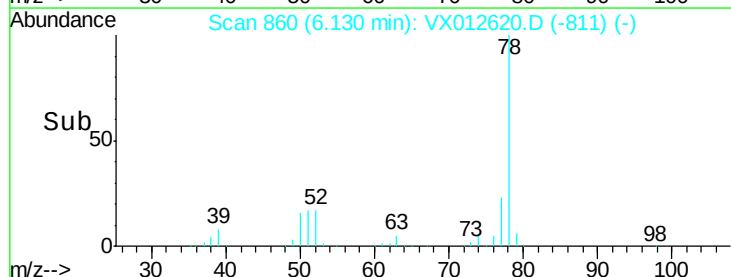
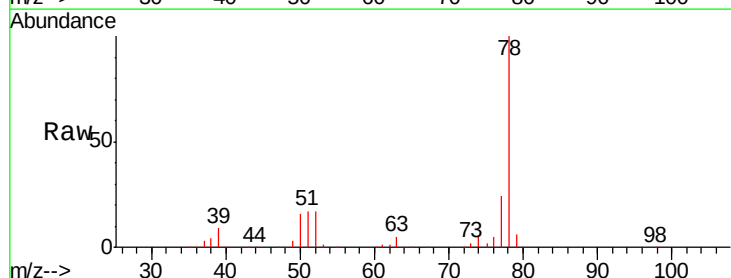
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

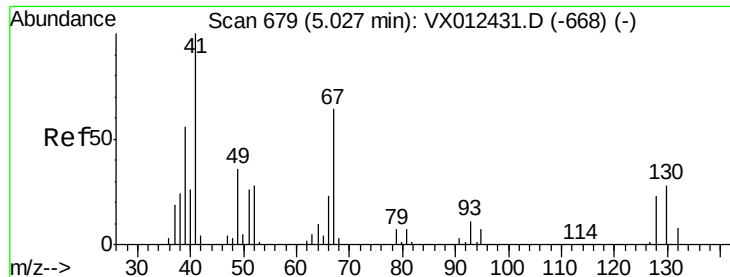
Tgt Ion: 83 Resp: 199628
Ion Ratio Lower Upper
83 100
55 78.3 64.4 96.6
98 48.4 40.1 60.1



#40
Benzene
Concen: 50.412 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion: 78 Resp: 470596
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

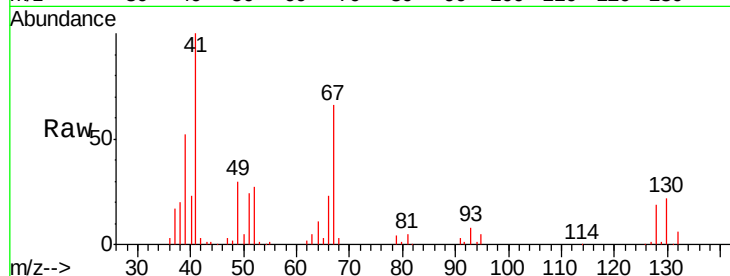




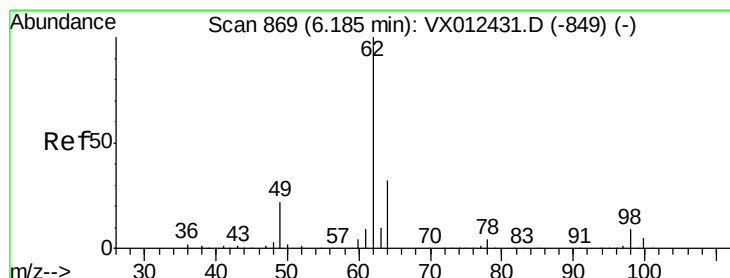
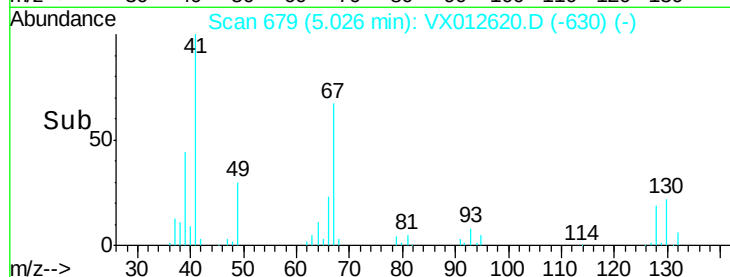
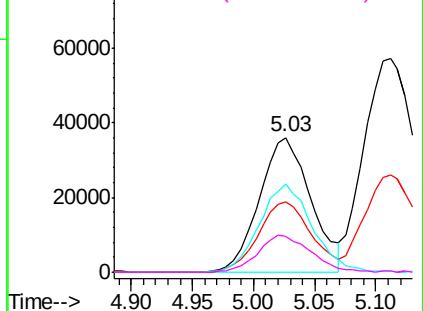
#41
Methacrylonitrile
Concen: 50.761 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	105641
Ion	Ratio	Lower	Upper
41	100		
39	53.3	46.0	69.0
67	67.3	52.2	78.2
52	28.1	22.7	34.1

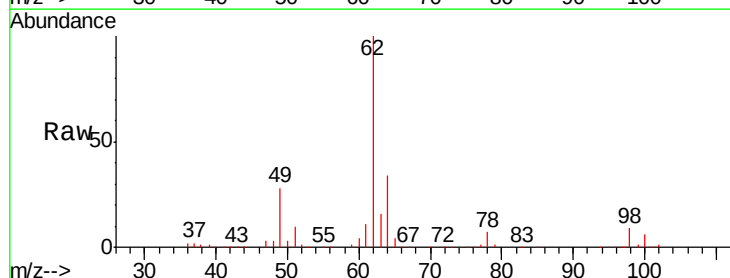


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

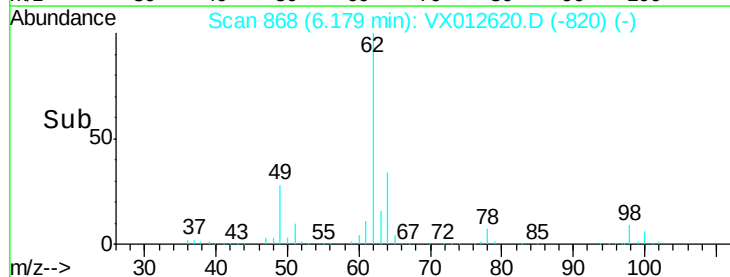
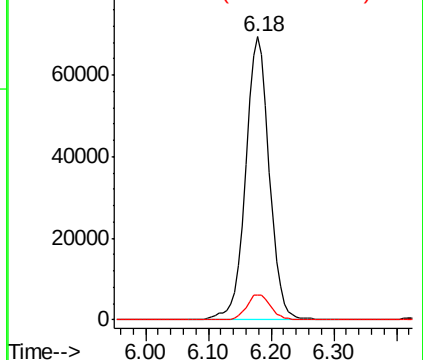


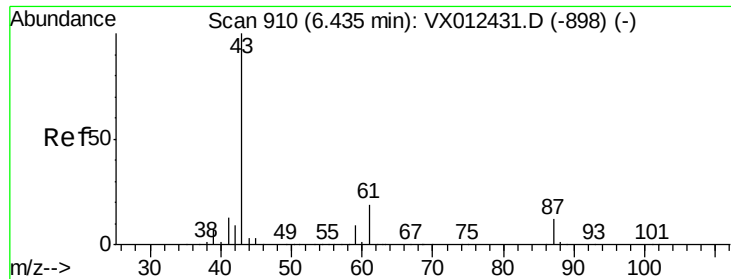
#42
1,2-Dichloroethane
Concen: 50.919 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion:	62	Resp:	180501
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 49.313 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

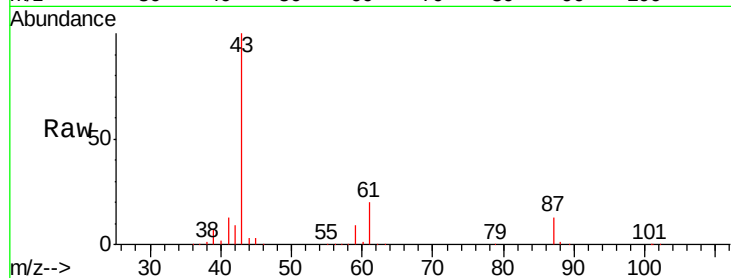
Tgt Ion: 43 Resp: 305885

Ion Ratio Lower Upper

43 100

61 19.9 15.4 23.0

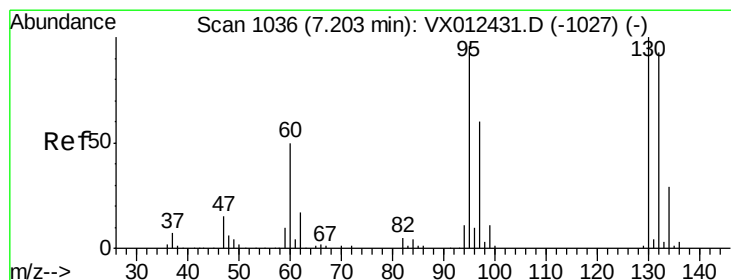
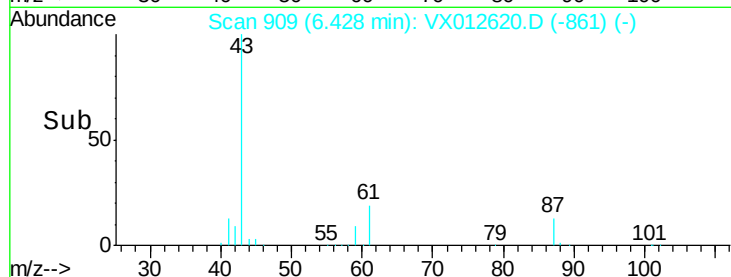
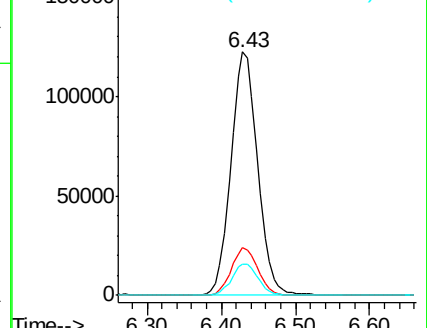
87 12.9 9.8 14.8



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: 50.824 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012620.D

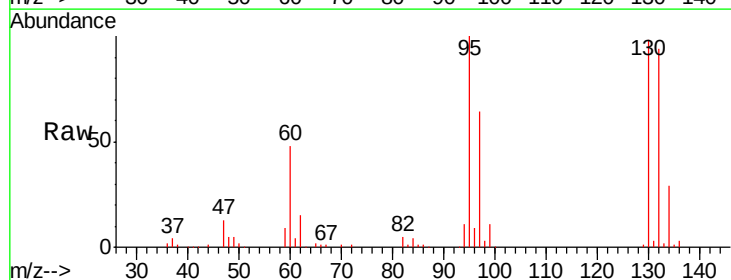
Acq: 24 Sep 2019 09:59

Tgt Ion: 130 Resp: 121289

Ion Ratio Lower Upper

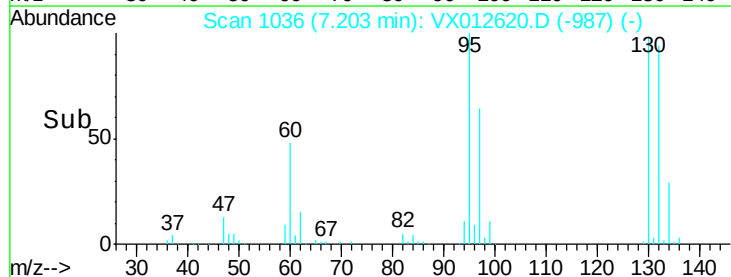
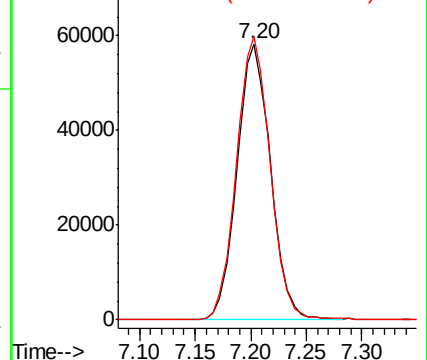
130 100

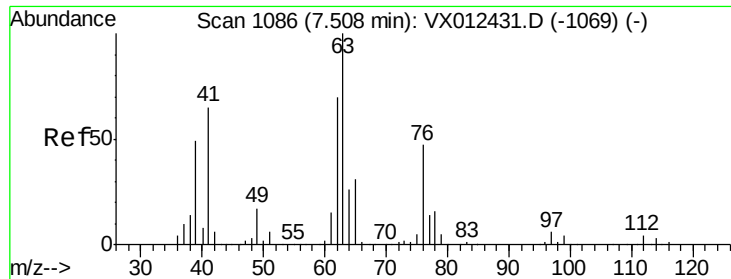
95 102.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

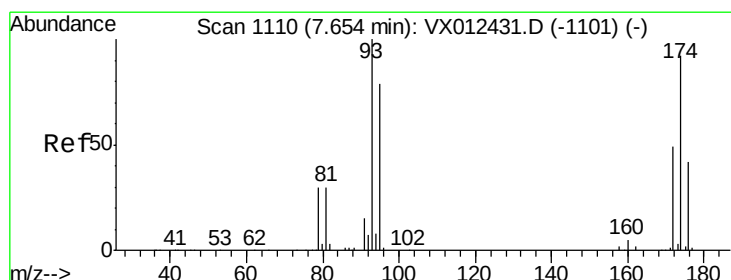
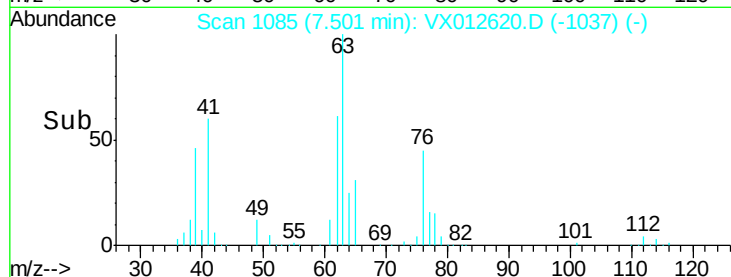
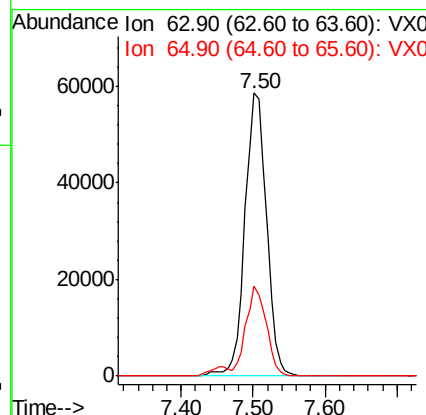
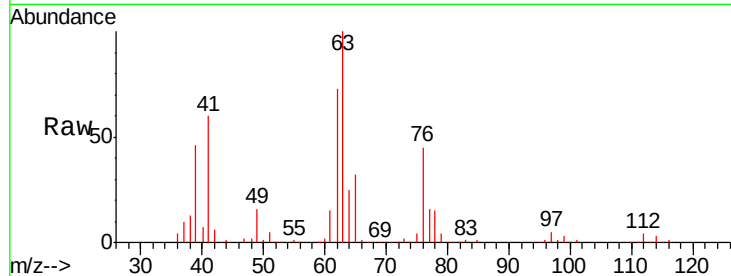




#45
 1,2-Dichloropropane
 Concen: 51.164 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

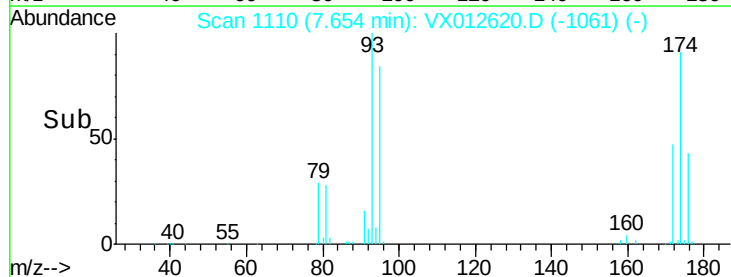
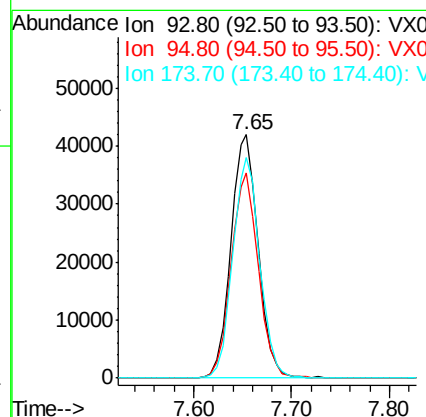
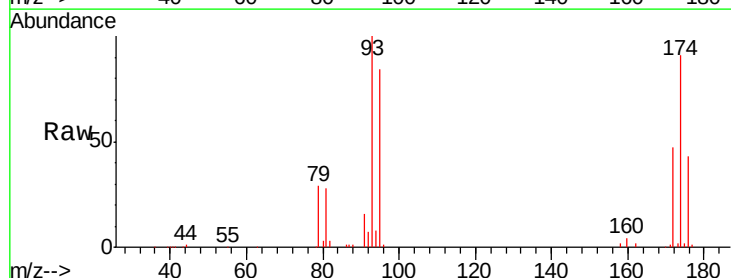
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

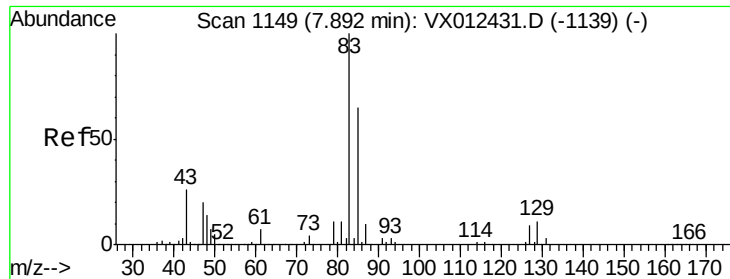
Tgt Ion: 63 Resp: 122281
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6



#46
 Dibromomethane
 Concen: 49.803 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 93 Resp: 81041
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.6 100.0
 174 89.7 77.4 116.0





#47

Bromodichloromethane

Concen: 50.996 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

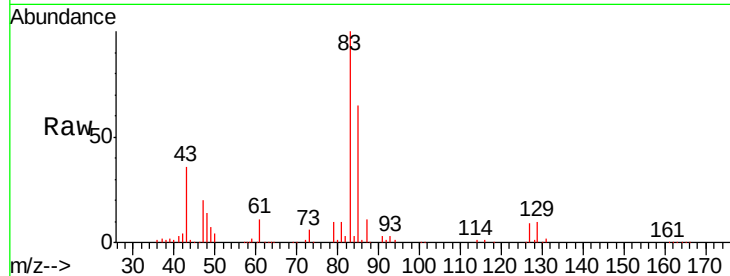
Tgt Ion: 83 Resp: 165849

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

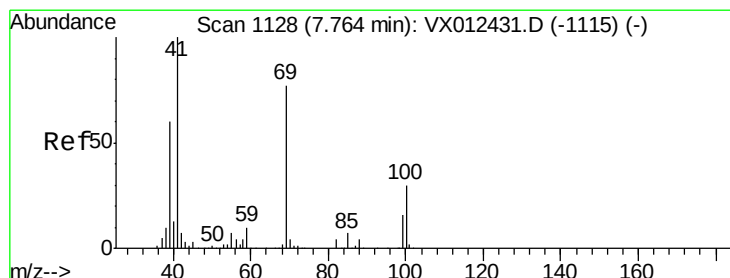
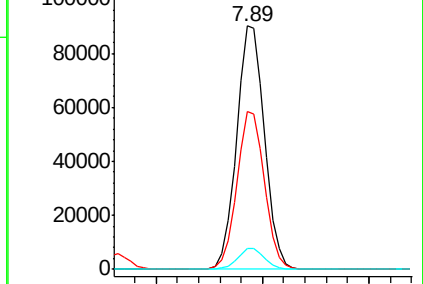
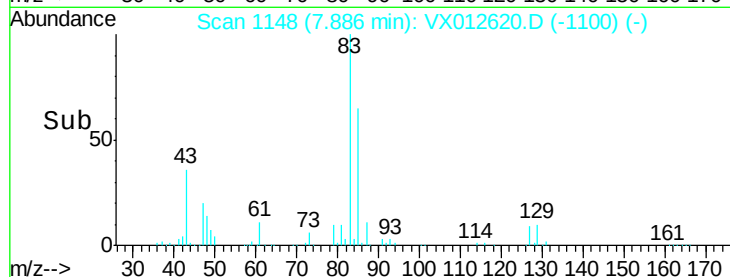
127 8.5 7.3 10.9



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: 50.605 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

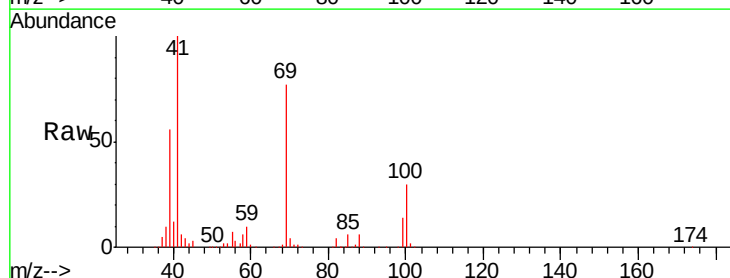
Tgt Ion: 41 Resp: 150514

Ion Ratio Lower Upper

41 100

69 78.5 59.9 89.9

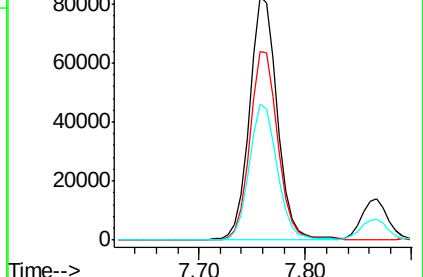
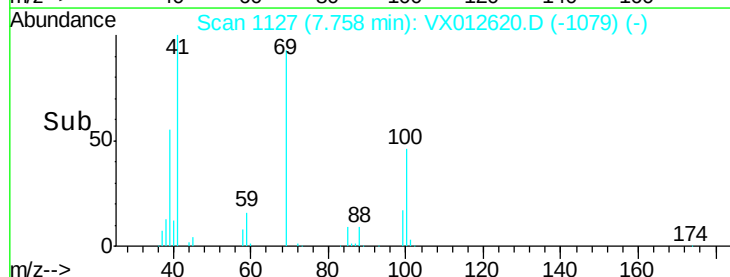
39 56.8 47.8 71.6

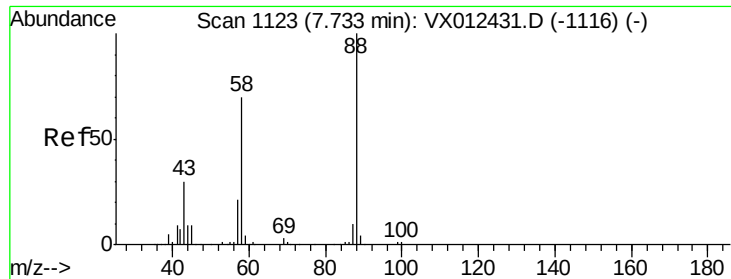


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1046.900 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

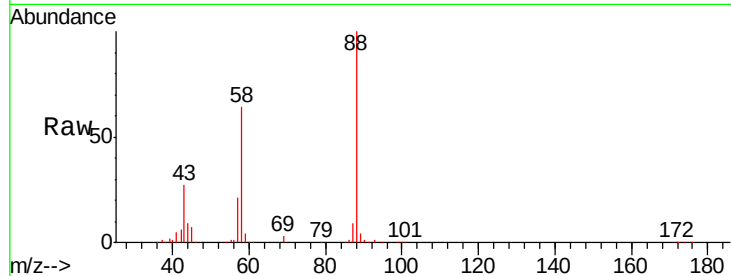
Tgt Ion: 88 Resp: 70626

Ion Ratio Lower Upper

88 100

43 32.3 29.4 44.0

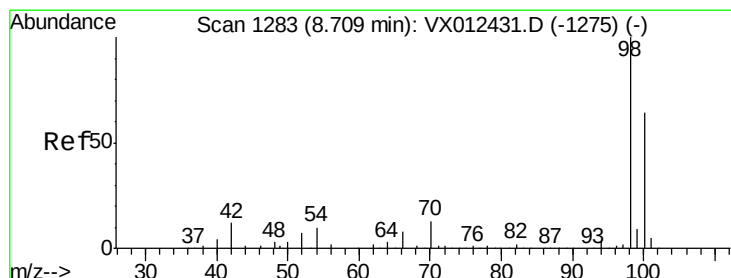
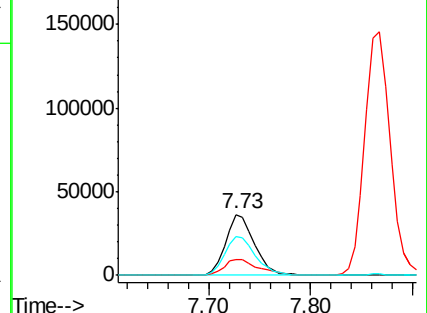
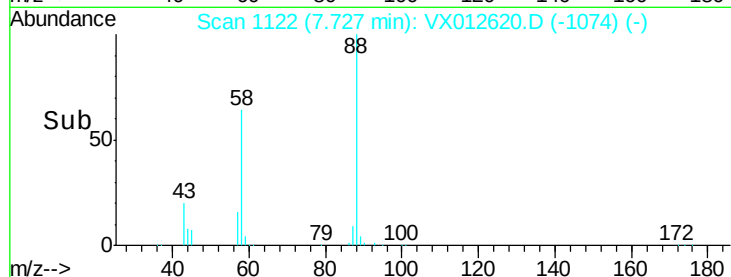
58 68.5 57.5 86.3



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: 51.243 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012620.D

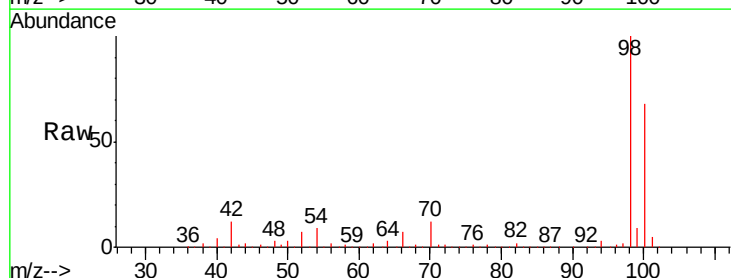
Acq: 24 Sep 2019 09:59

Tgt Ion: 98 Resp: 386836

Ion Ratio Lower Upper

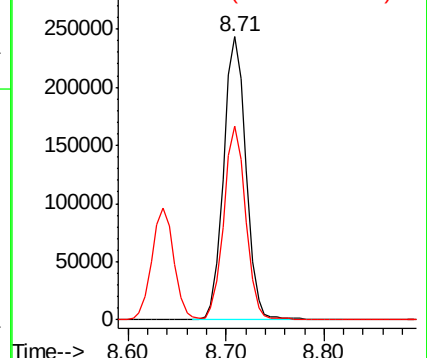
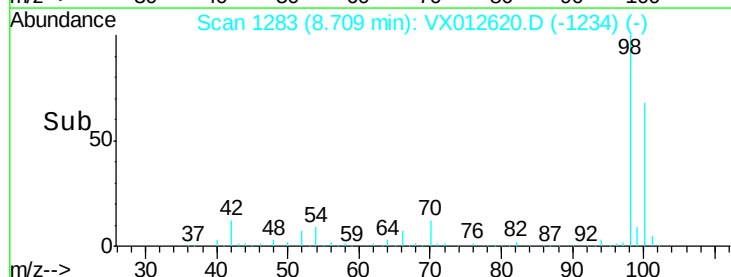
98 100

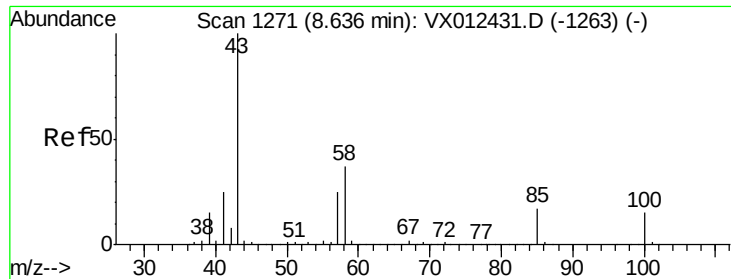
100 67.4 53.4 80.2



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: 248.595 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

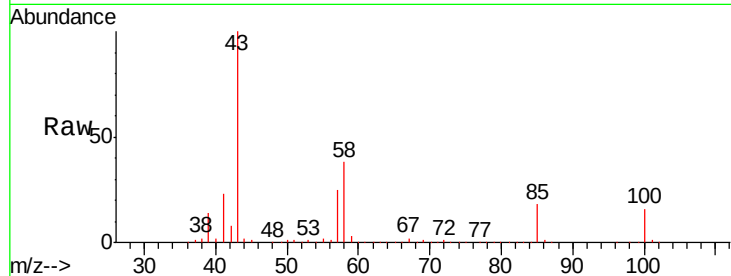
VSTDCCC050

Tgt Ion: 43 Resp: 951863

Ion Ratio Lower Upper

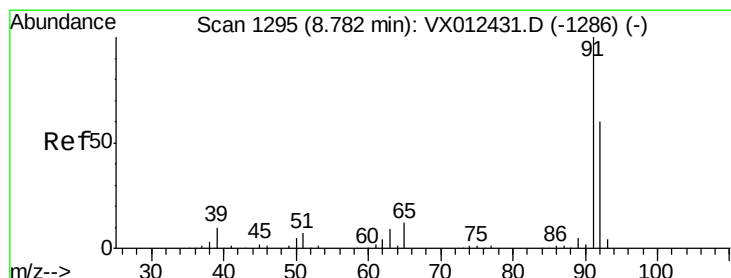
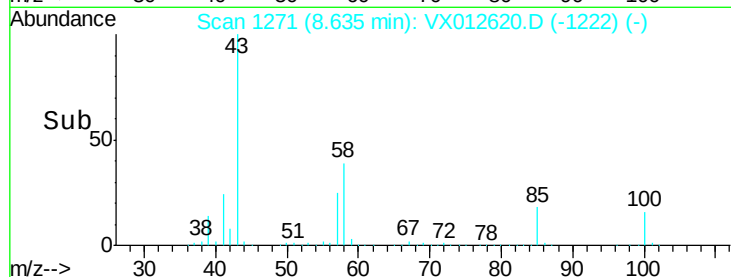
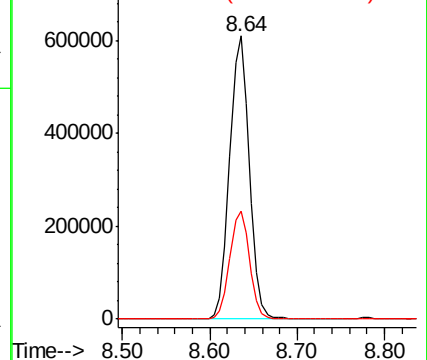
43 100

58 38.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.545 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012620.D

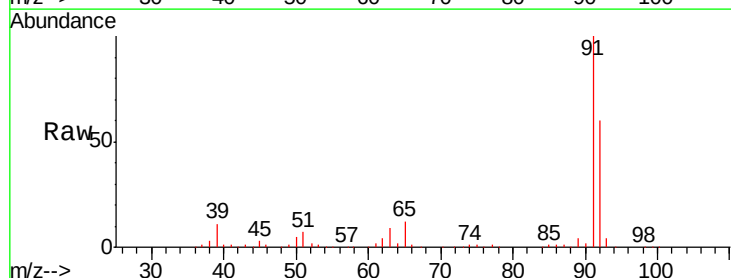
Acq: 24 Sep 2019 09:59

Tgt Ion: 92 Resp: 302418

Ion Ratio Lower Upper

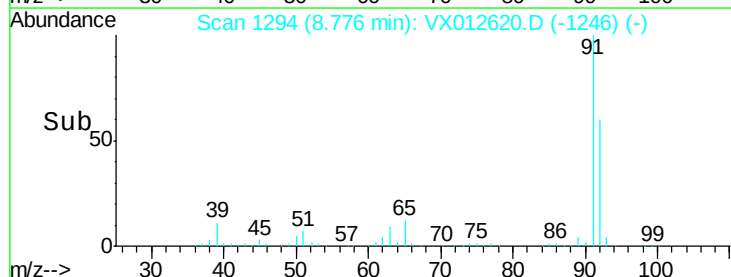
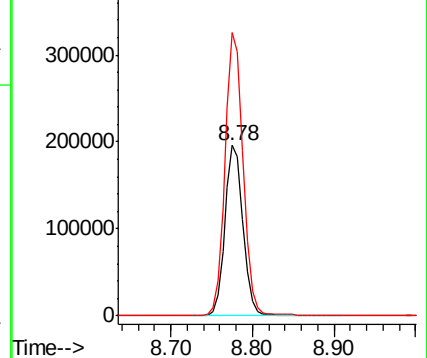
92 100

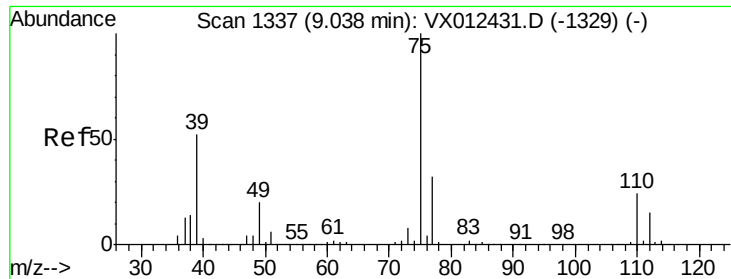
91 167.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

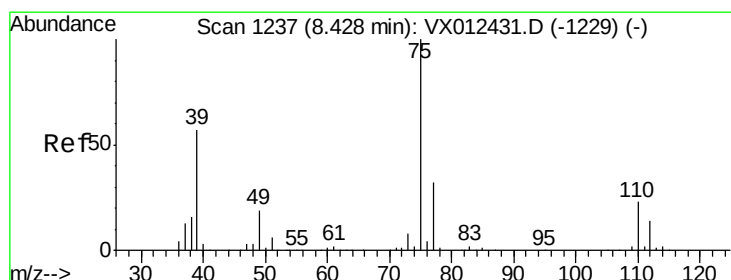
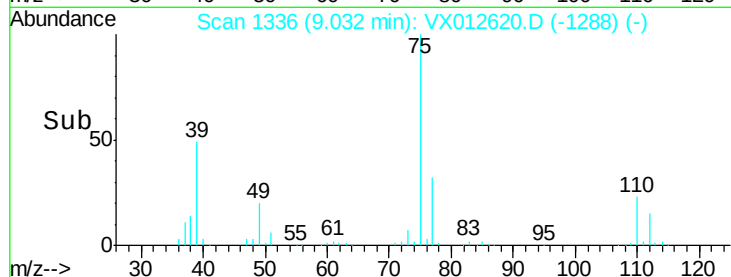
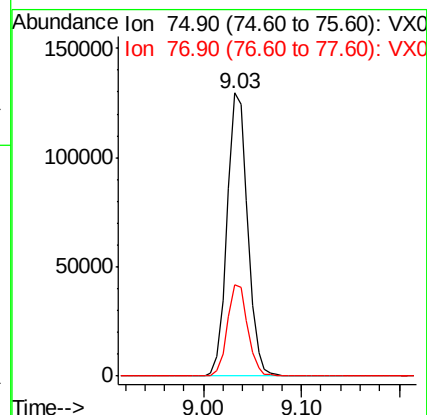
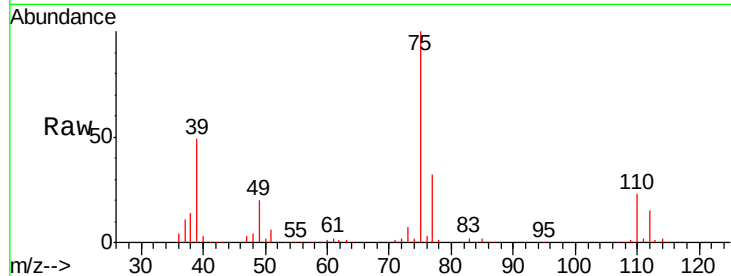




#53
 t-1,3-Dichloropropene
 Concen: 52.530 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

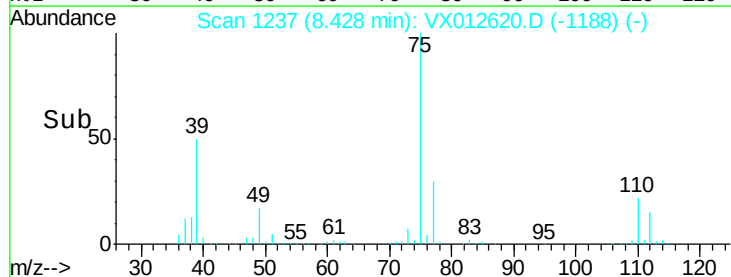
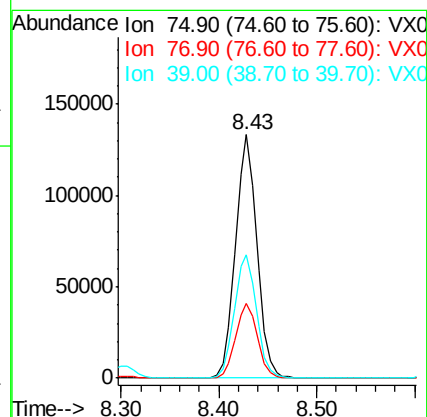
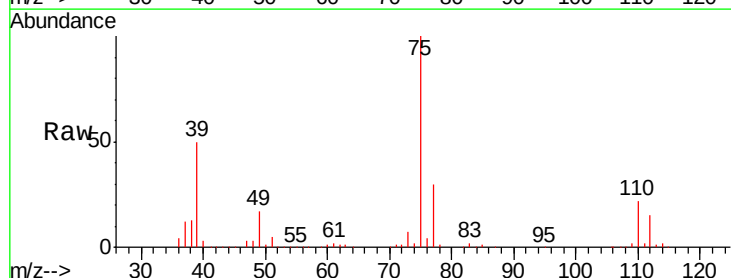
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

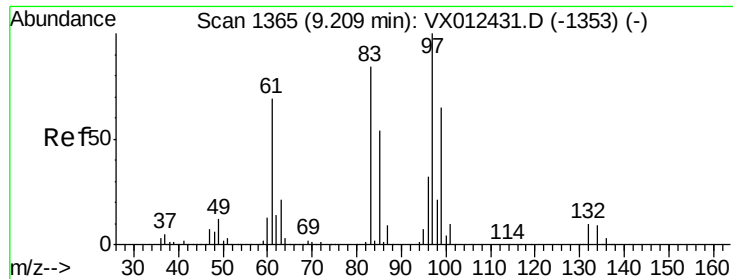
Tgt Ion: 75 Resp: 189016
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.759 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 75 Resp: 203347
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.8
 39 50.4 45.5 68.3

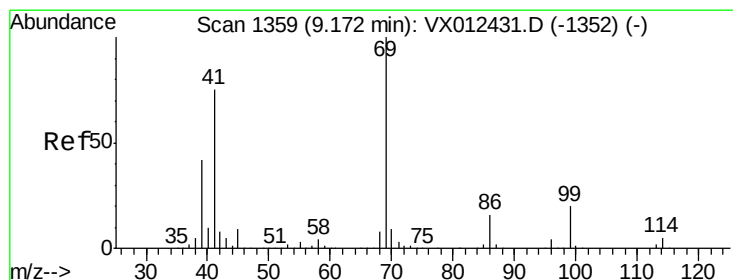
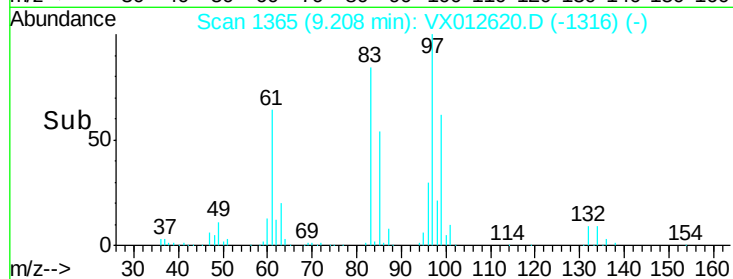
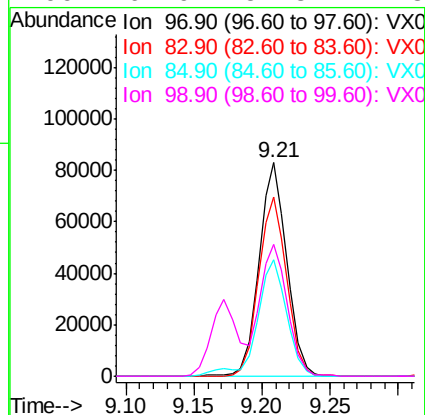
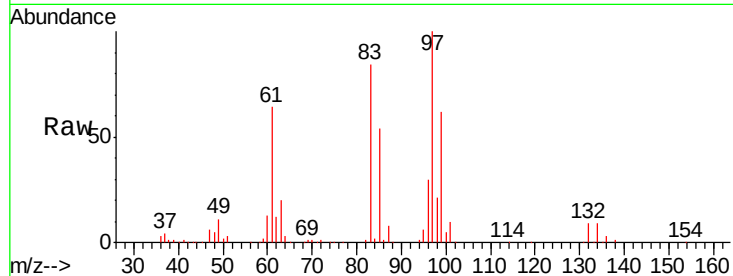




#55
 1,1,2-Trichloroethane
 Concen: 50.821 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

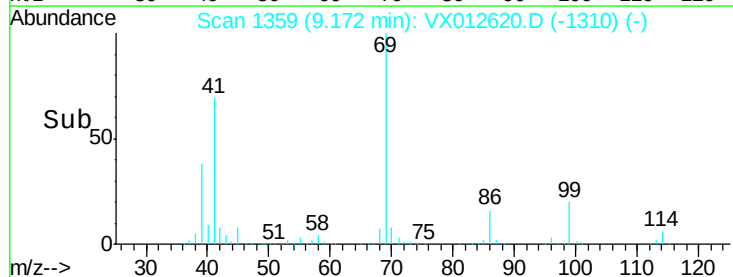
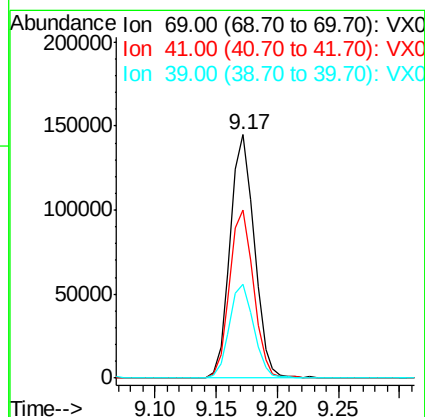
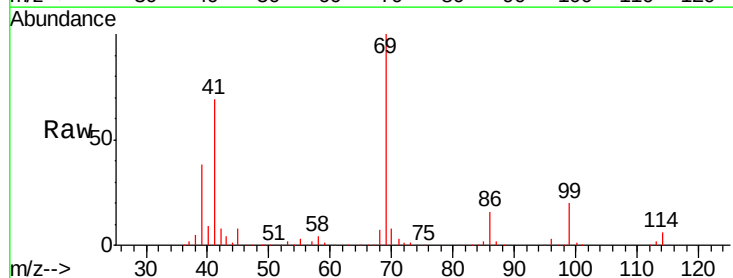
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

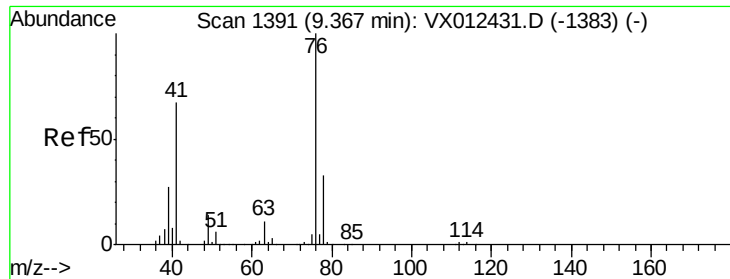
Tgt Ion:	97	Resp:	118545
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.2
85	54.2	43.5	65.3
99	61.9	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 50.750 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion:	69	Resp:	198877
Ion	Ratio	Lower	Upper
69	100		
41	69.1	58.4	87.6
39	38.7	33.4	50.0





#57

1,3-Dichloropropane

Concen: 50.192 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

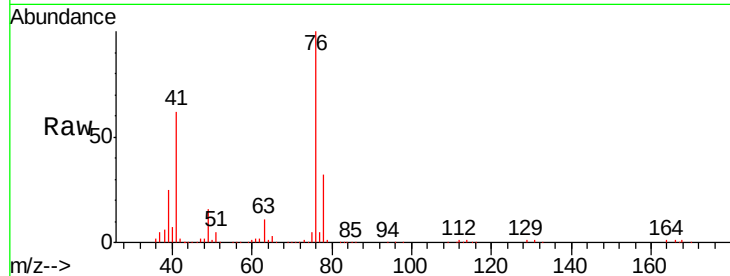
VSTDCCC050

Tgt Ion: 76 Resp: 204906

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

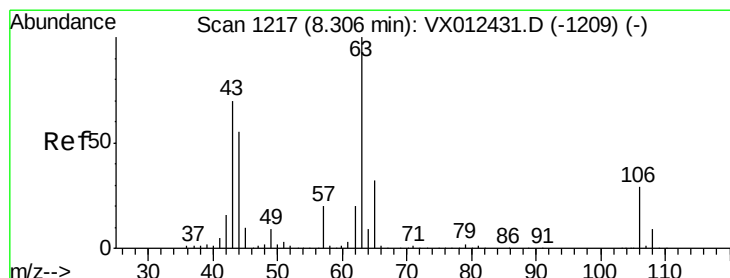
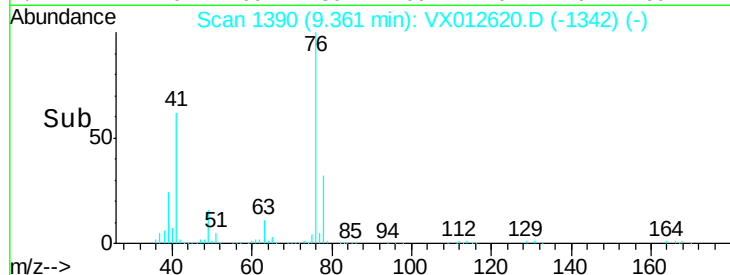
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 274.089 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012620.D

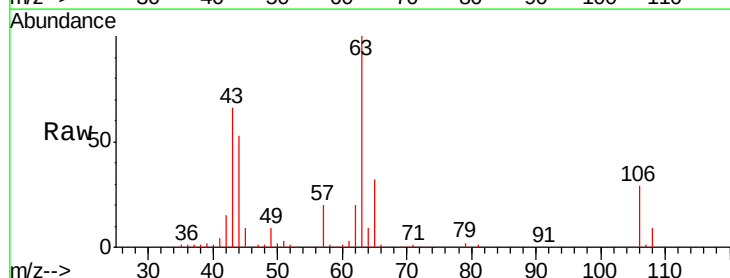
Acq: 24 Sep 2019 09:59

Tgt Ion: 63 Resp: 482129

Ion Ratio Lower Upper

63 100

106 28.9 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

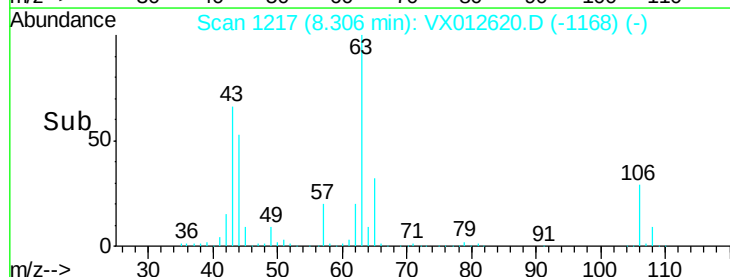
300000

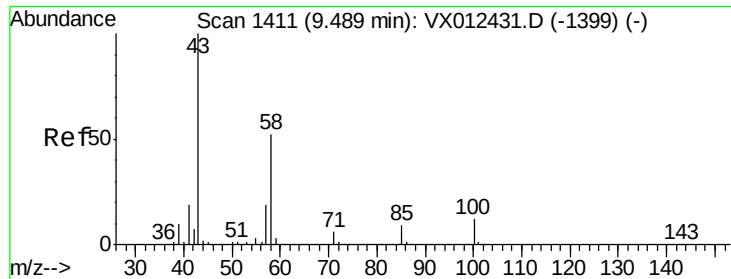
200000

100000

0

Time-->

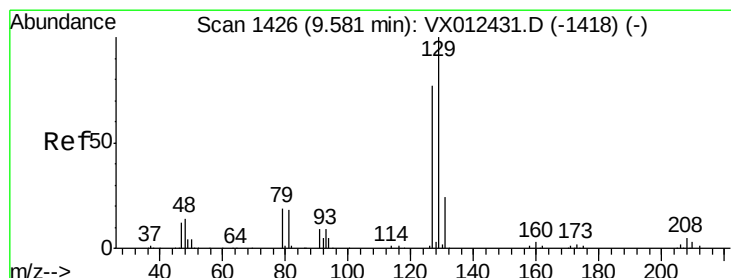
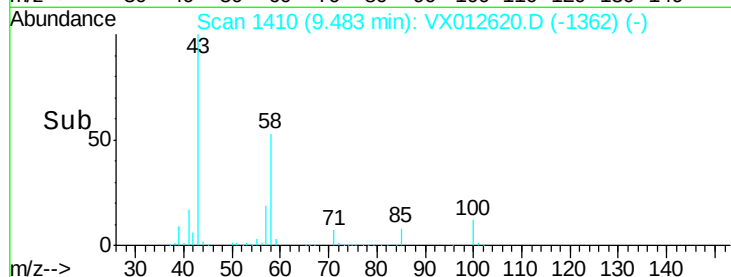
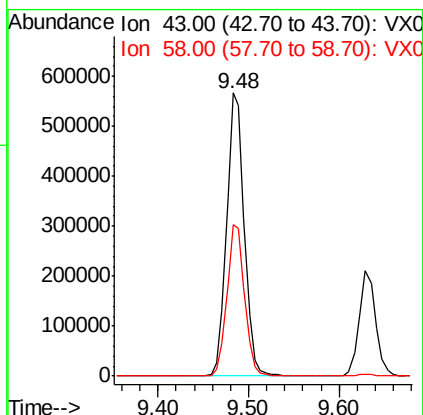
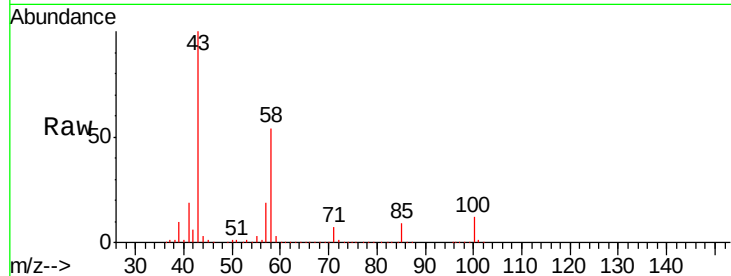




#59
2-Hexanone
Concen: 265.935 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

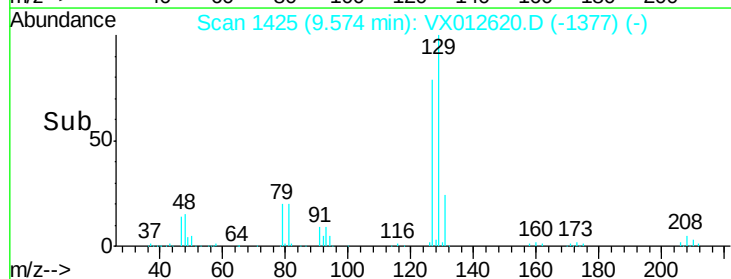
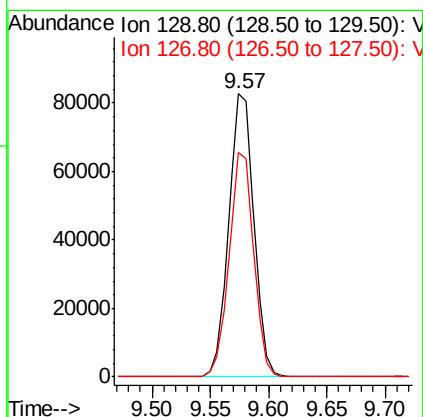
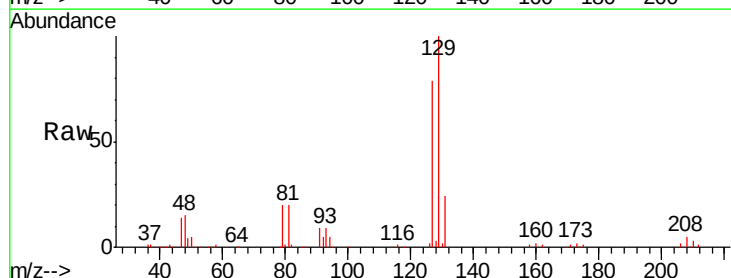
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

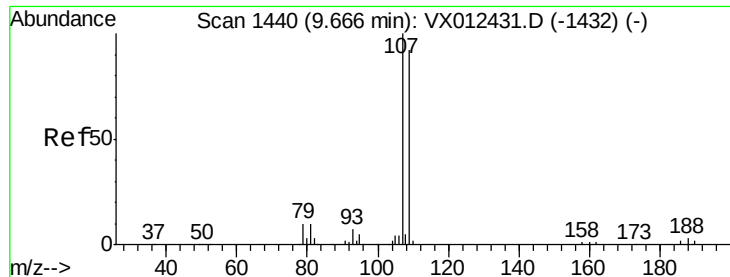
Tgt Ion: 43 Resp: 779415
Ion Ratio Lower Upper
43 100
58 53.8 25.7 77.1



#60
Dibromochloromethane
Concen: 52.561 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion: 129 Resp: 124110
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.666 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

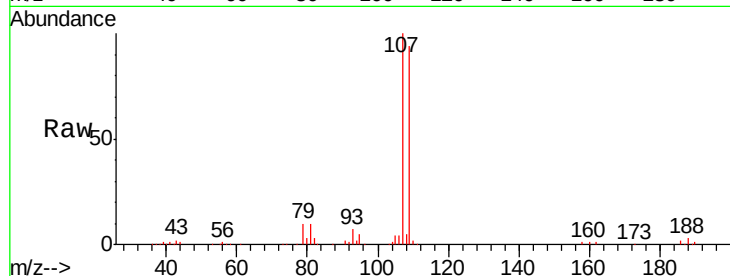
VSTDCCC050

Tgt Ion: 107 Resp: 125423

Ion Ratio Lower Upper

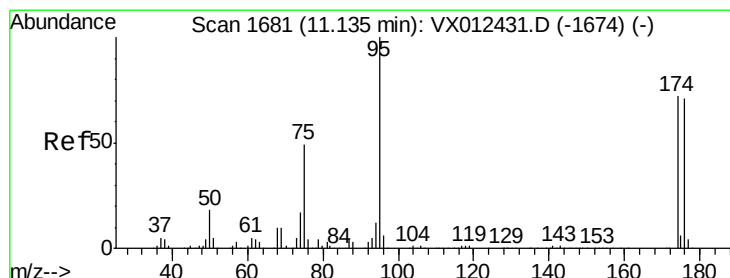
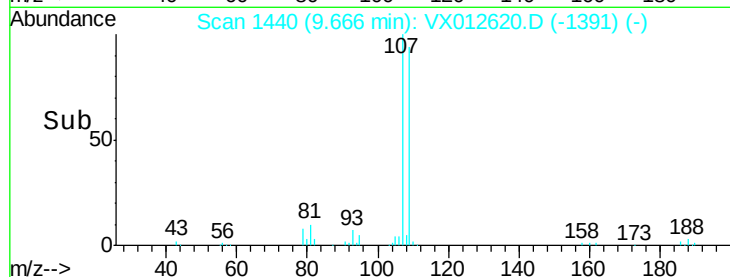
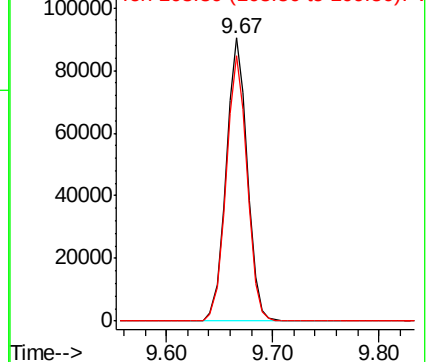
107 100

109 93.2 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.092 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

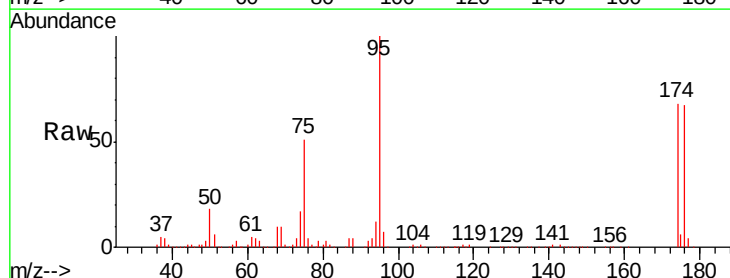
Tgt Ion: 95 Resp: 154626

Ion Ratio Lower Upper

95 100

174 65.7 0.0 140.0

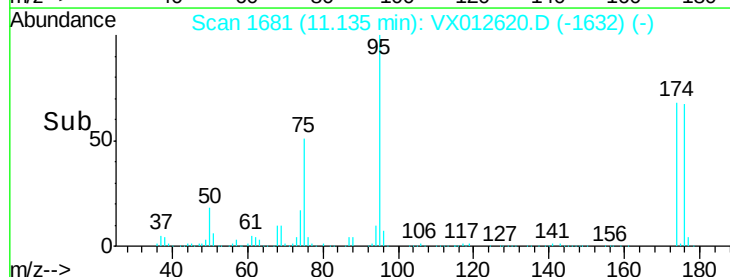
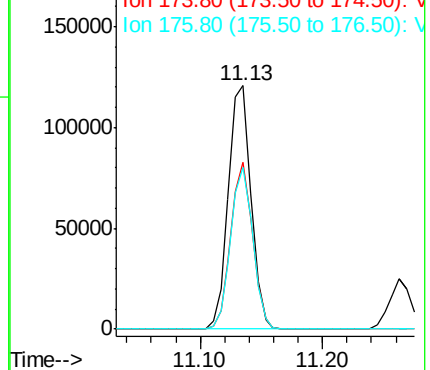
176 65.0 0.0 135.4

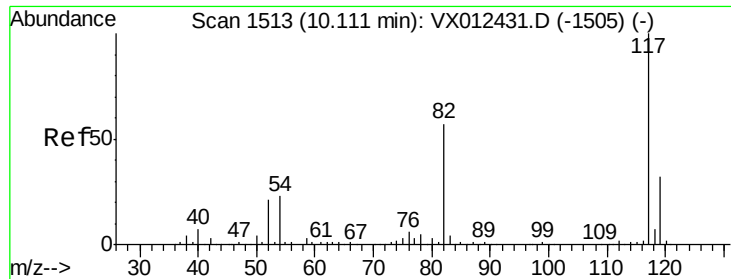


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

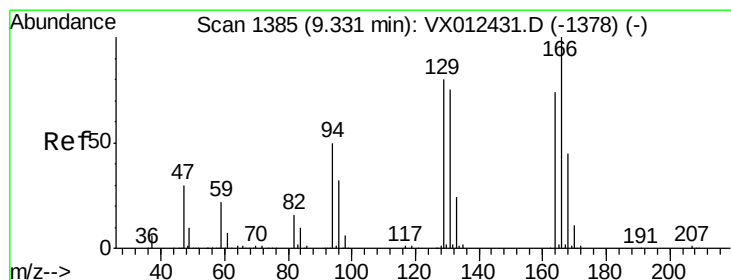
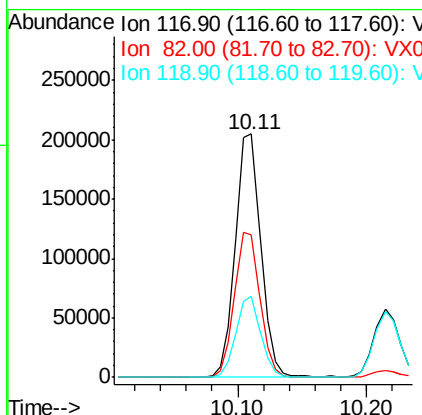
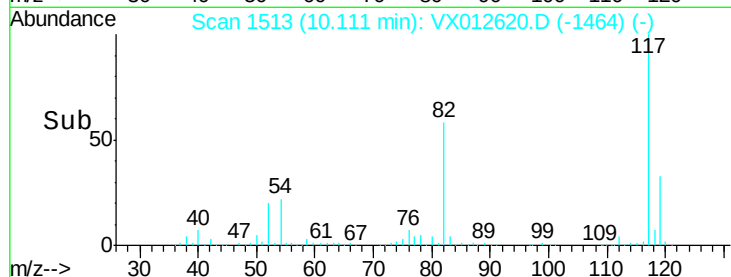
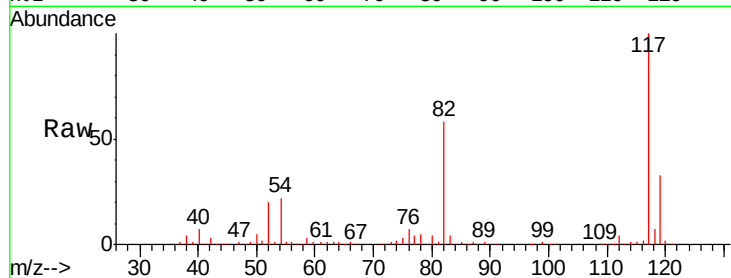




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

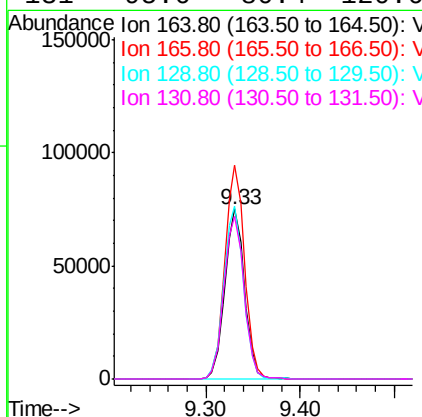
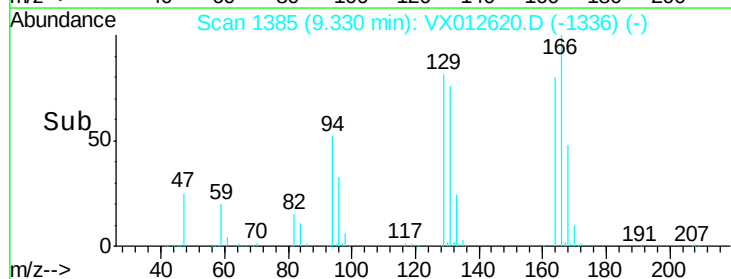
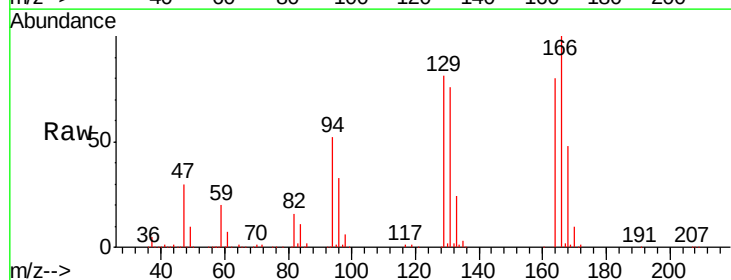
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

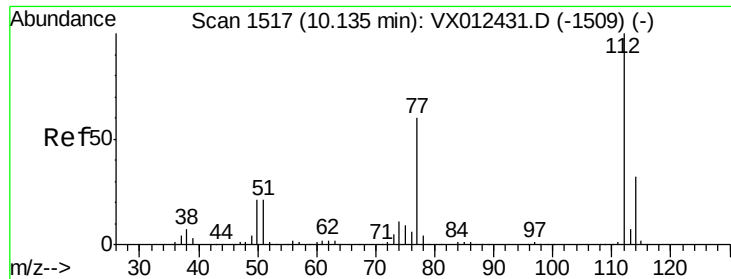
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.9	68.9
119	33.1	25.3	37.9



#64
Tetrachloroethene
Concen: 54.713 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	107.8	161.6
129	101.3	86.2	129.2
131	95.6	80.4	120.6

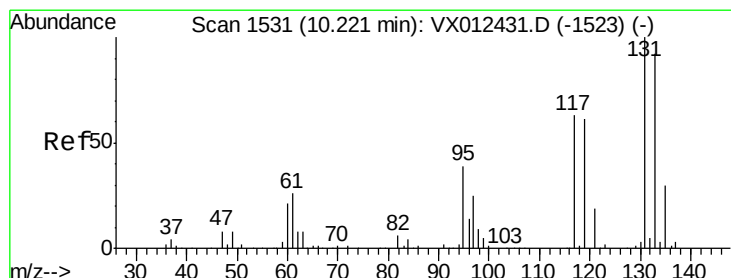
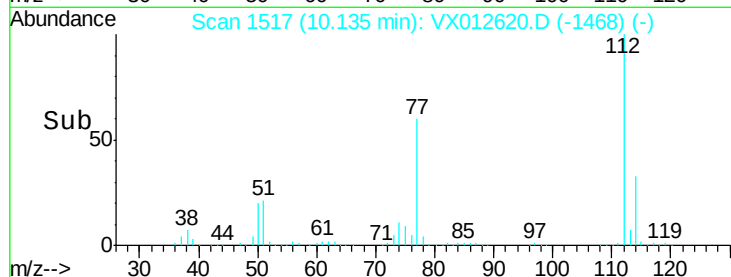
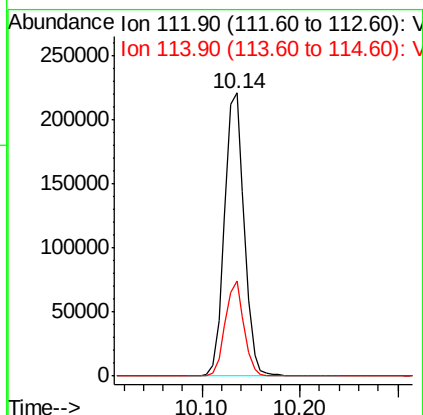
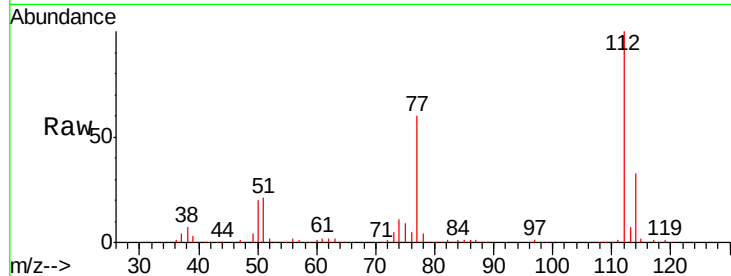




#65
Chlorobenzene
Concen: 51.473 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

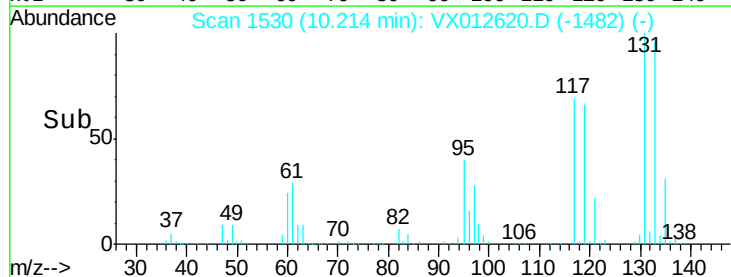
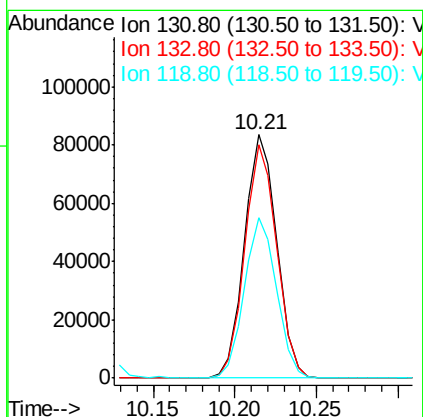
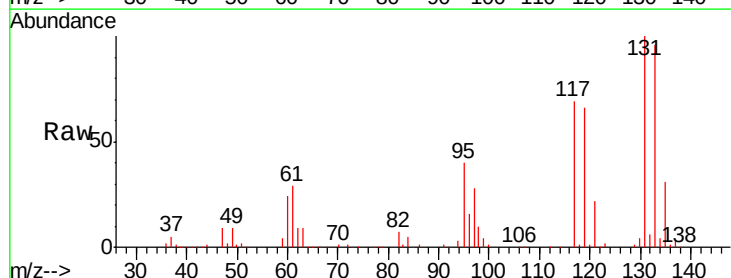
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

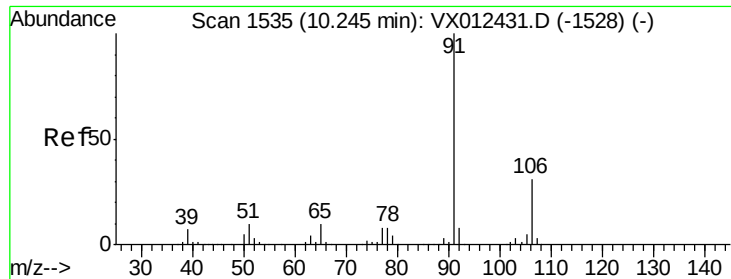
Tgt Ion:112 Resp: 308452
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.238 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion:131 Resp: 115591
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 65.3 31.3 93.8

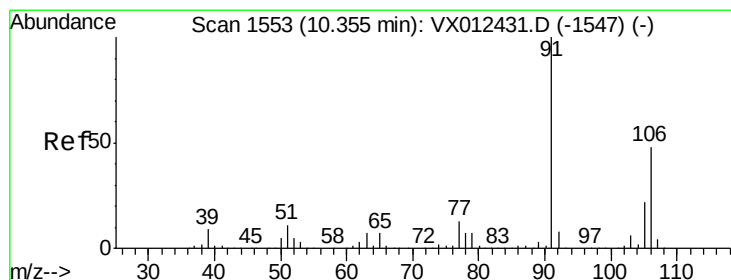
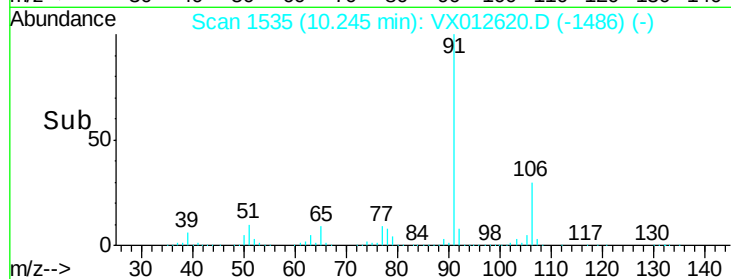
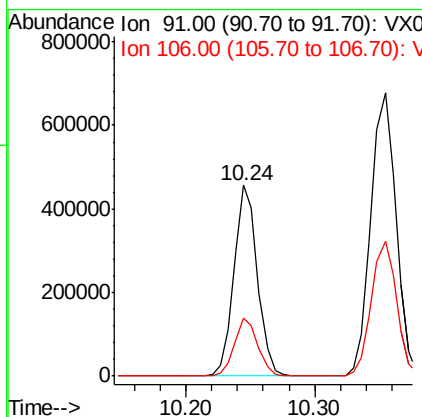
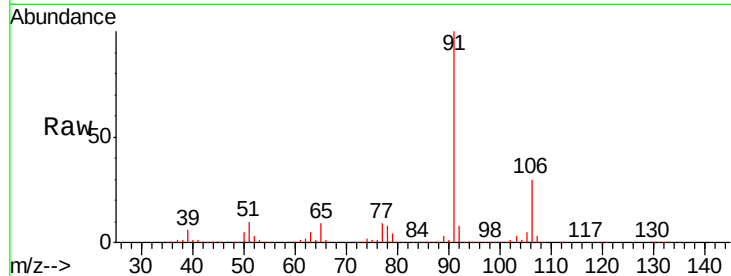




#67
Ethyl Benzene
Concen: 53.352 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

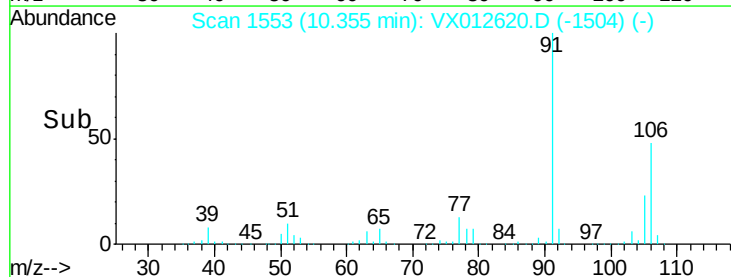
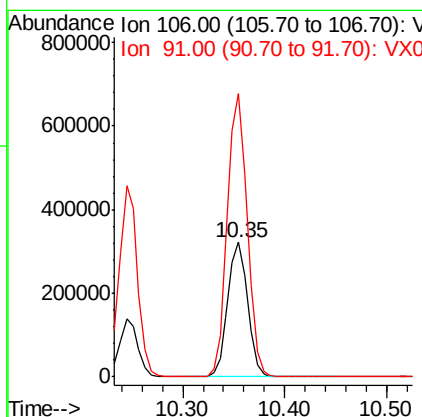
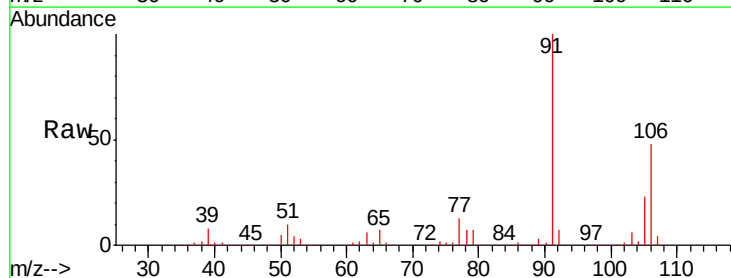
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

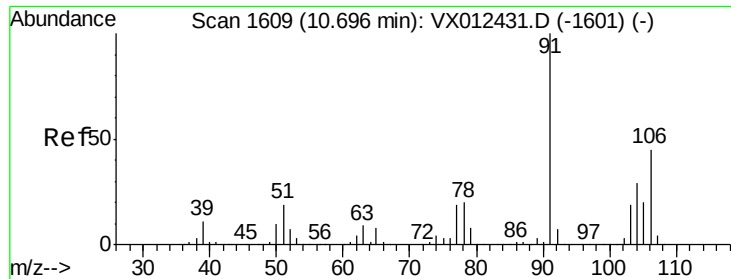
Tgt Ion: 91 Resp: 579868
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 106.403 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion: 106 Resp: 433211
Ion Ratio Lower Upper
106 100
91 210.2 166.6 250.0

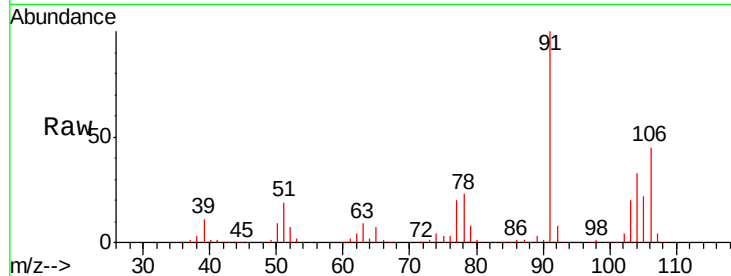




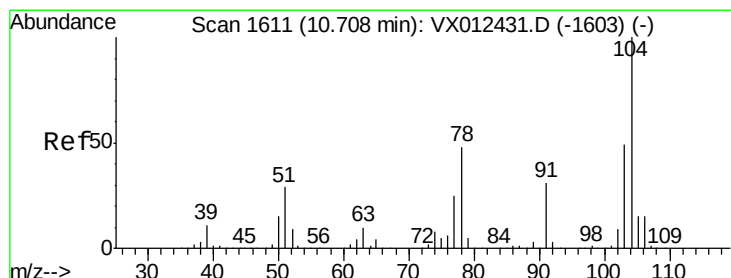
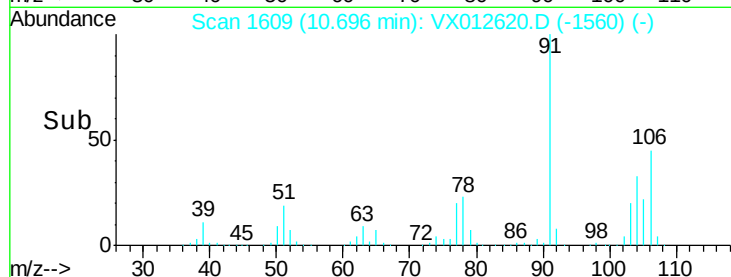
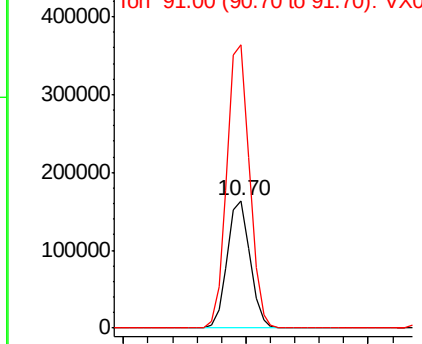
#69
o-Xylene
Concen: 53.320 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 210059
Ion Ratio Lower Upper
106 100
91 222.6 109.4 328.2

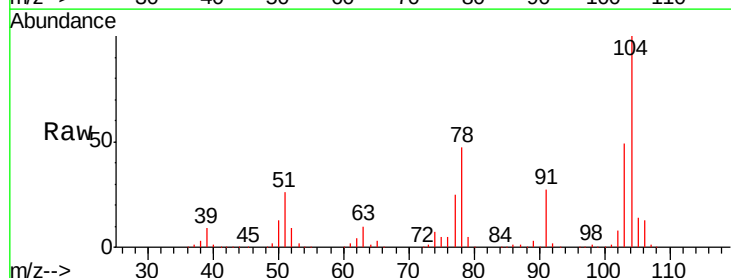


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

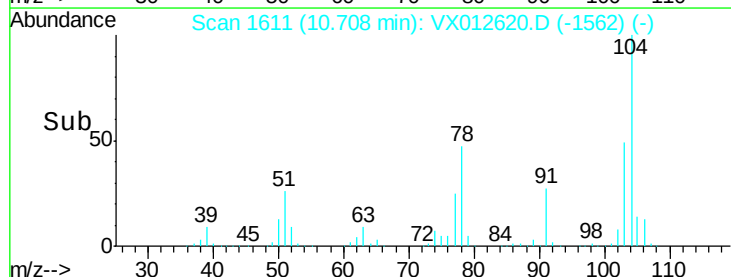
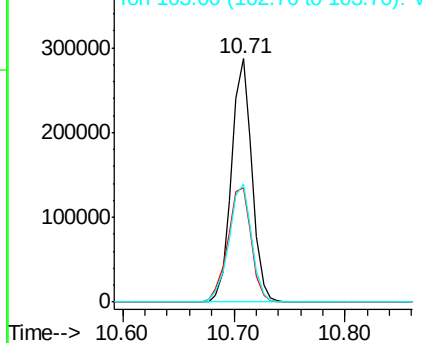


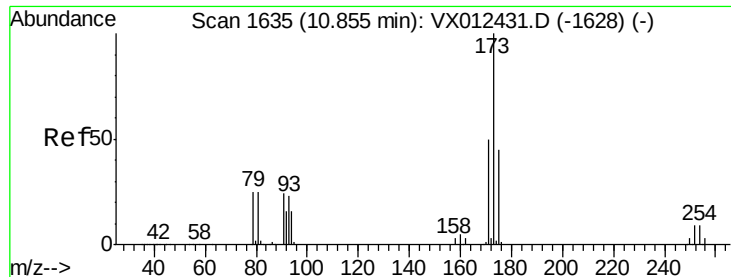
#70
Styrene
Concen: 54.968 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion:104 Resp: 363030
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 53.7 43.3 64.9



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: 54.843 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

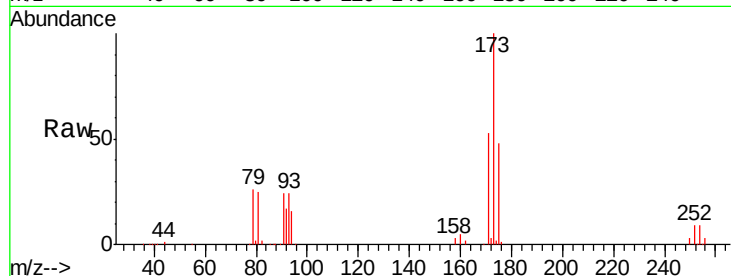
Tgt Ion:173 Resp: 82913

Ion Ratio Lower Upper

173 100

175 48.1 23.7 71.1

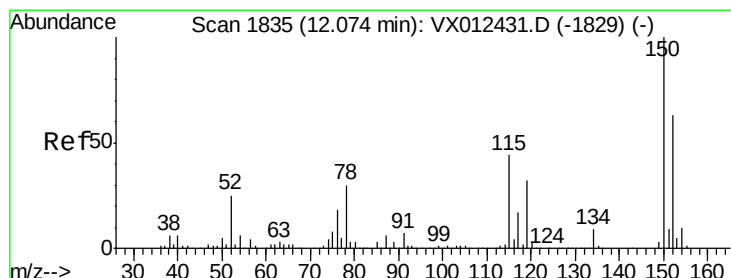
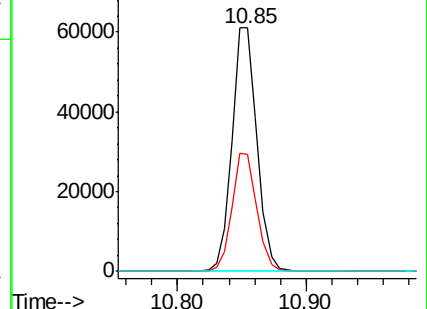
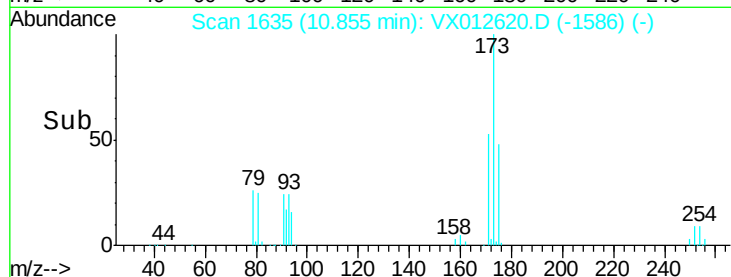
254 0.2 0.1 0.1#



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: VX012620.D

Acq: 24 Sep 2019 09:59

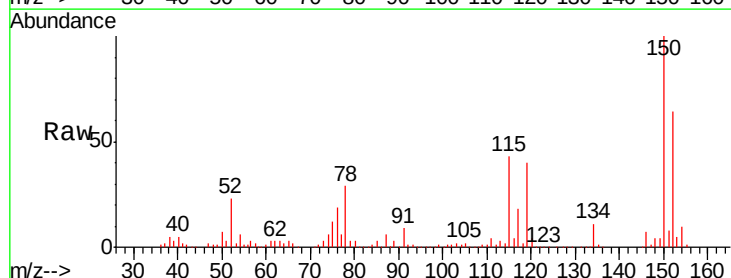
Tgt Ion:152 Resp: 137233

Ion Ratio Lower Upper

152 100

115 91.6 44.1 132.3

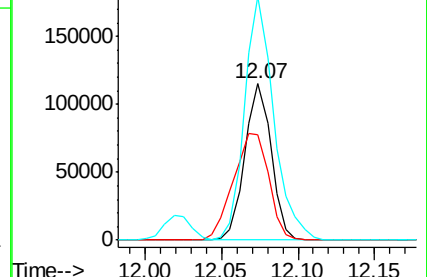
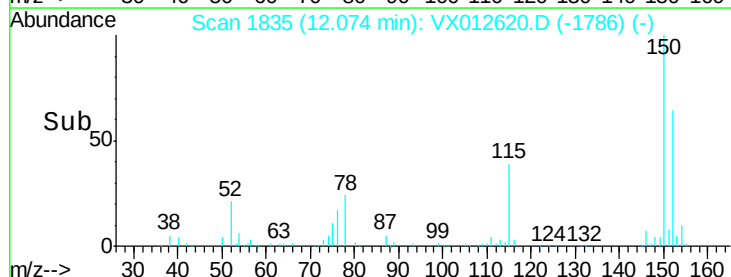
150 173.3 0.0 343.8

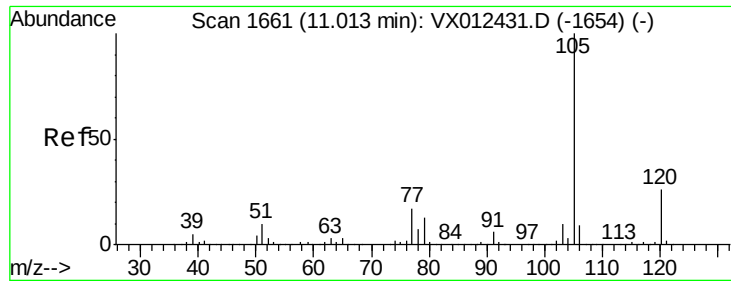


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.612 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

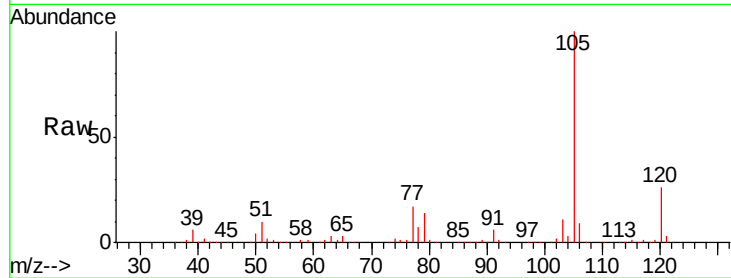
VSTDCCC050

Tgt Ion: 105 Resp: 565700

Ion Ratio Lower Upper

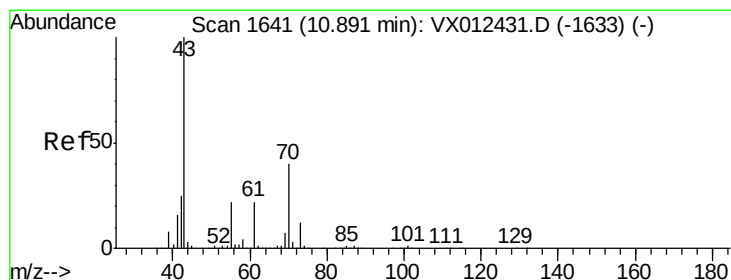
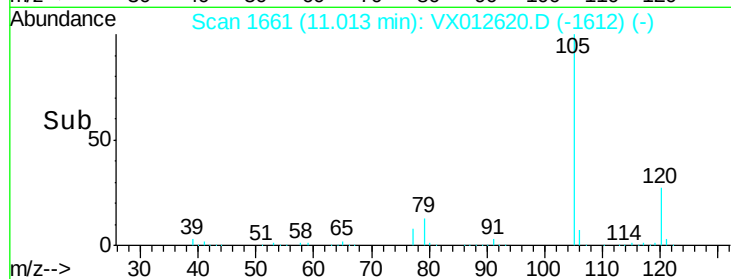
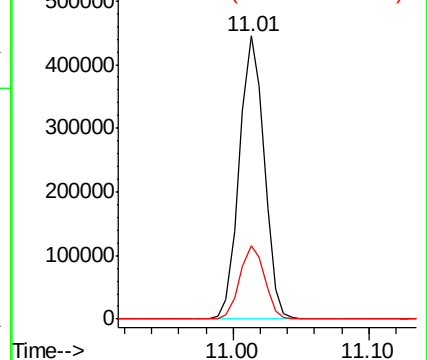
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.929 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion: 43 Resp: 271567

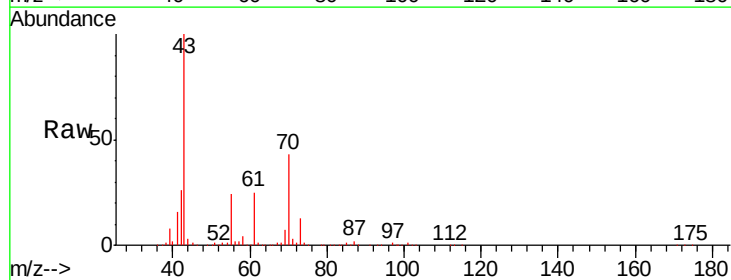
Ion Ratio Lower Upper

43 100

70 42.5 32.4 48.6

55 23.9 18.2 27.4

61 24.1 18.5 27.7

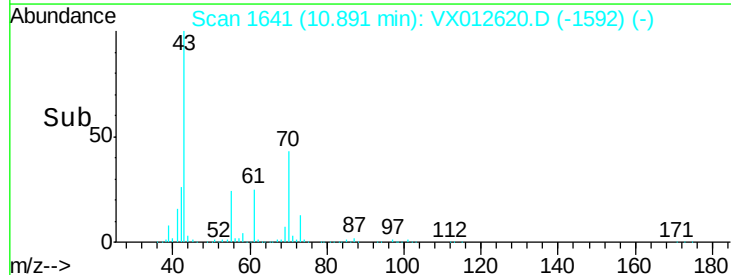
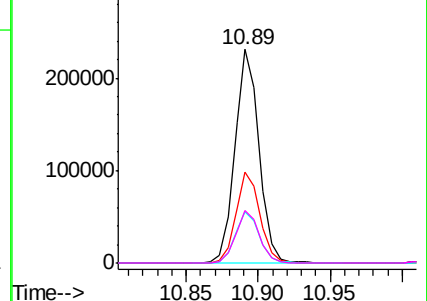


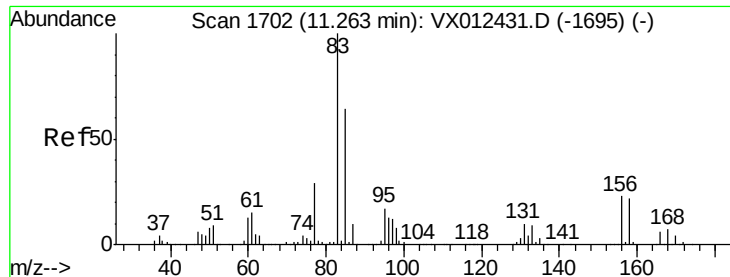
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.025 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

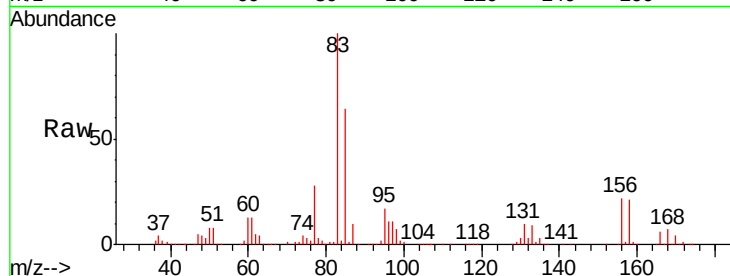
Tgt Ion: 83 Resp: 185177

Ion Ratio Lower Upper

83 100

131 10.0 5.2 15.6

85 64.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.26

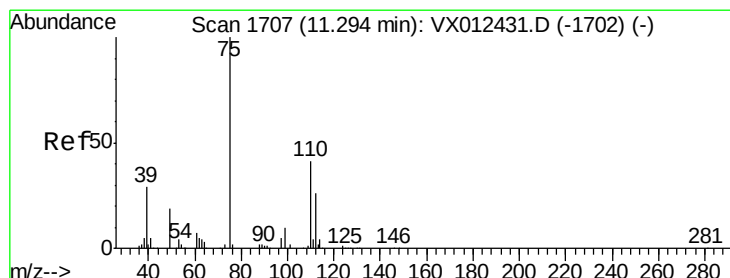
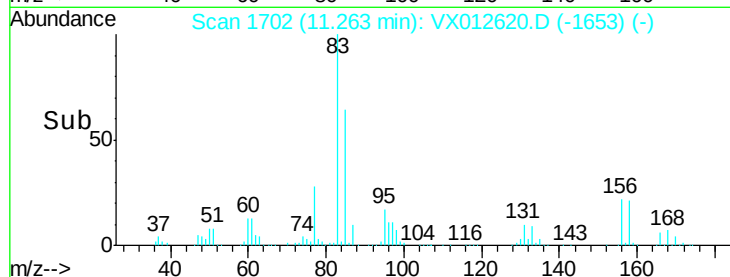
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 62.289 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012620.D

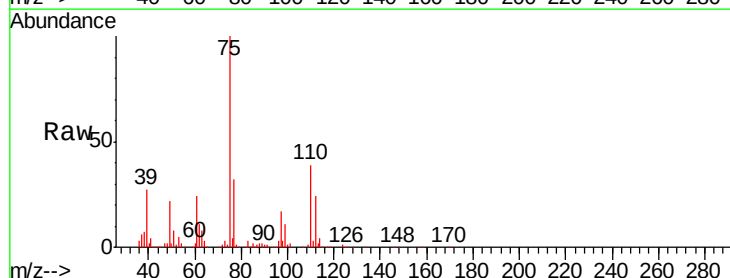
Acq: 24 Sep 2019 09:59

Tgt Ion: 75 Resp: 226117

Ion Ratio Lower Upper

75 100

77 30.7 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

200000

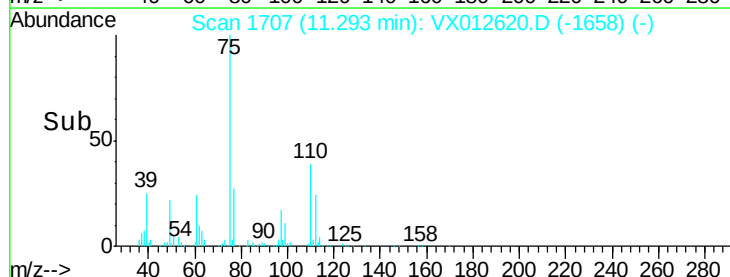
150000

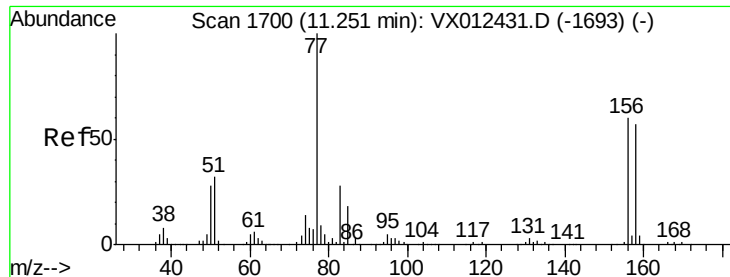
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 50.060 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

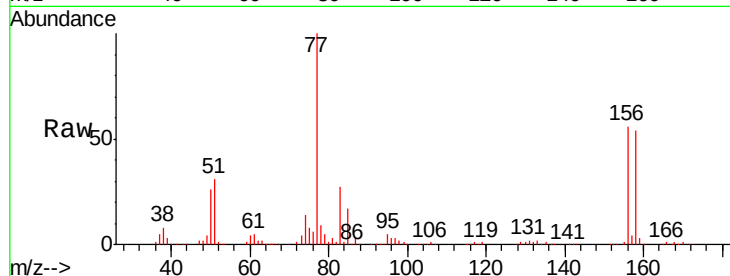
Tgt Ion:156 Resp: 126638

Ion Ratio Lower Upper

156 100

77 183.7 87.3 261.8

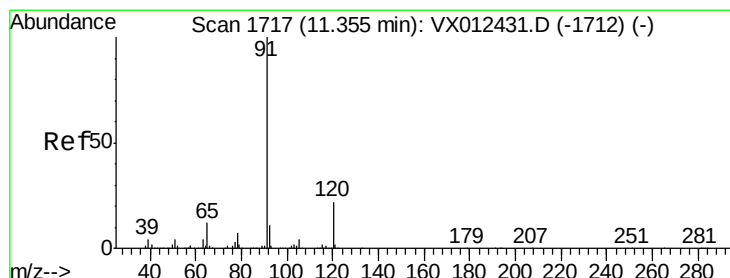
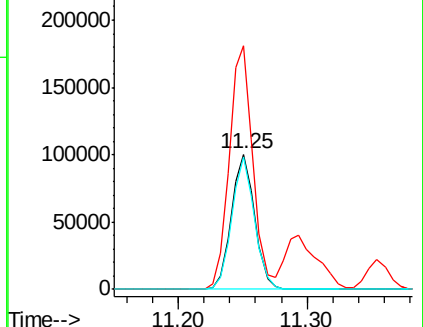
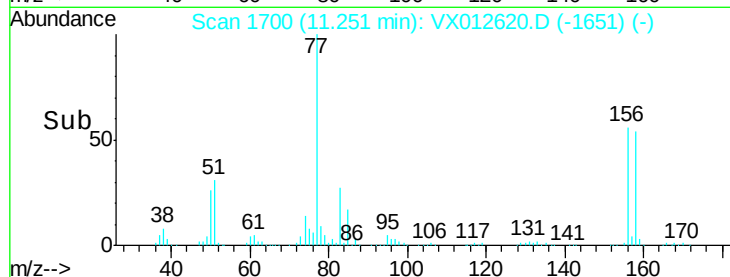
158 95.2 48.5 145.6



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: 51.245 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012620.D

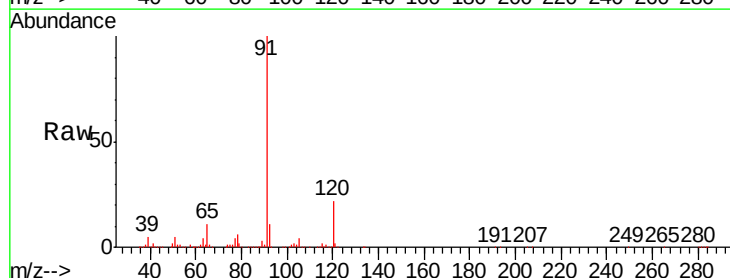
Acq: 24 Sep 2019 09:59

Tgt Ion: 91 Resp: 644849

Ion Ratio Lower Upper

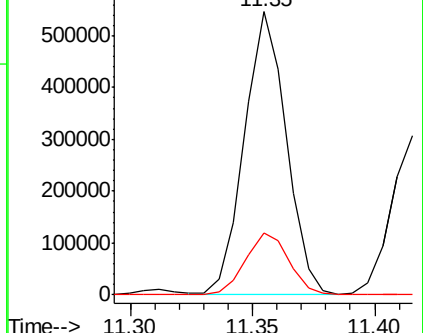
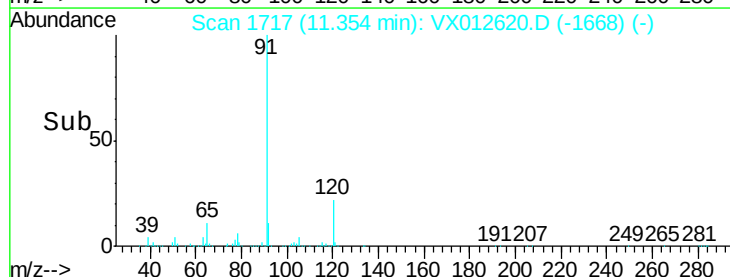
91 100

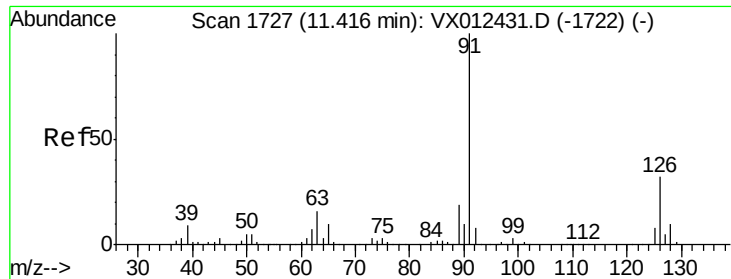
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

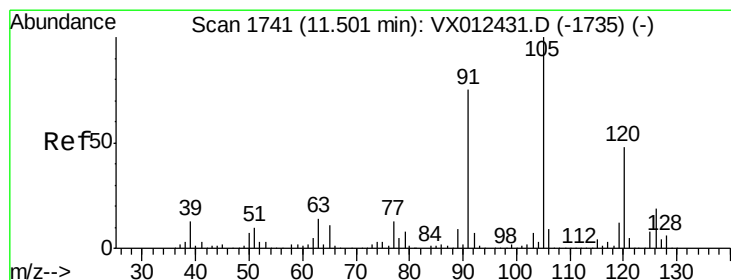
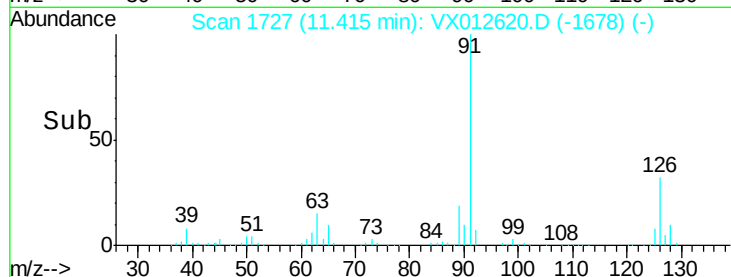
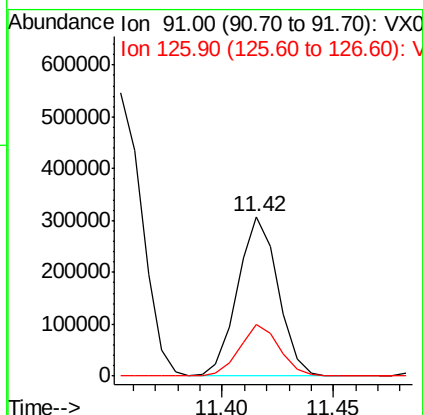
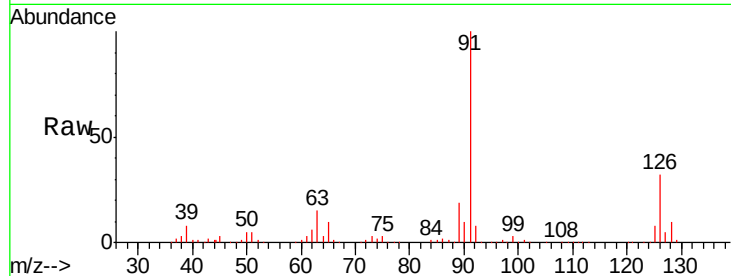




#79
 2-Chlorotoluene
 Concen: 49.201 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

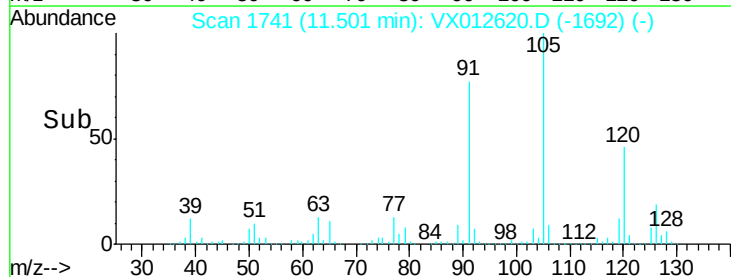
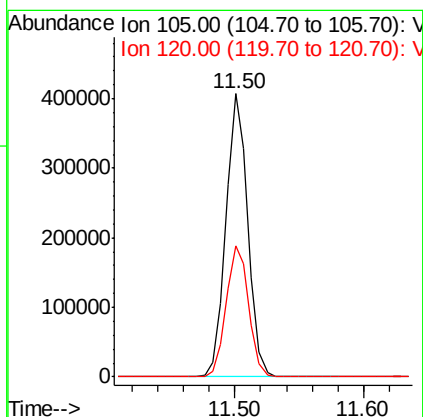
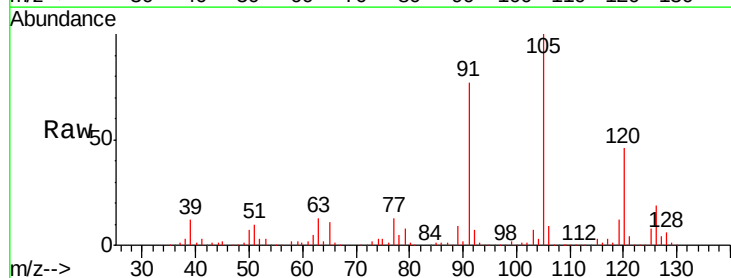
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

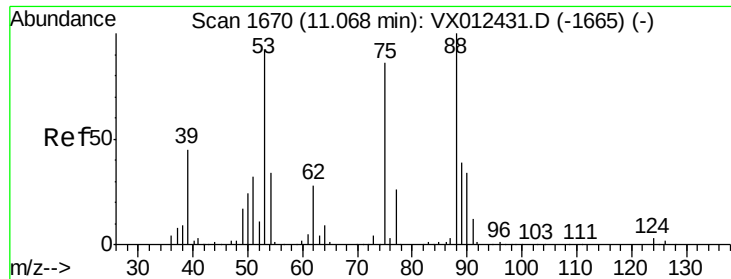
Tgt Ion: 91 Resp: 386220
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.694 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 105 Resp: 484531
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.897 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

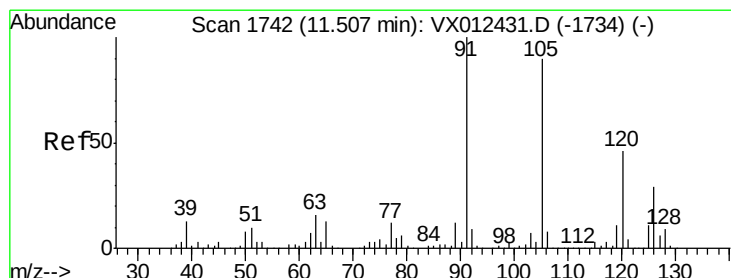
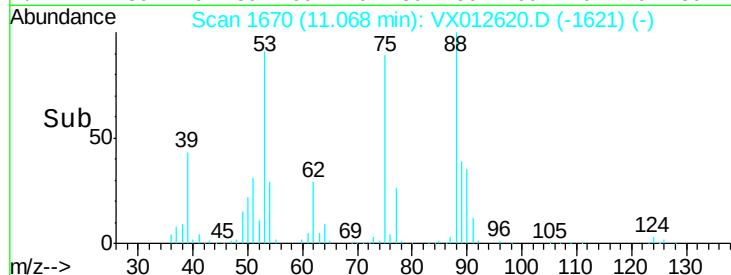
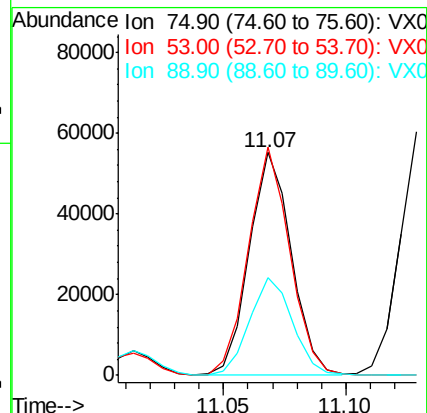
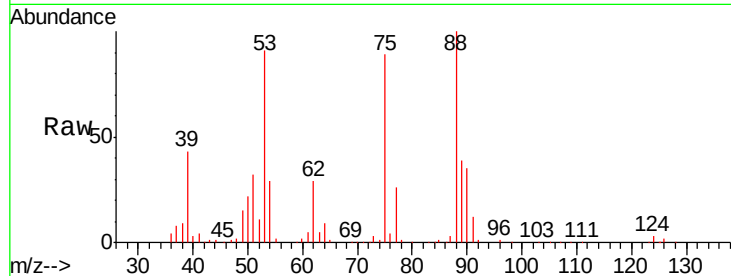
Tgt Ion: 75 Resp: 65739

Ion Ratio Lower Upper

75 100

53 101.2 83.6 125.4

89 44.9 36.3 54.5



#82

4-Chlorotoluene

Concen: 51.876 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012620.D

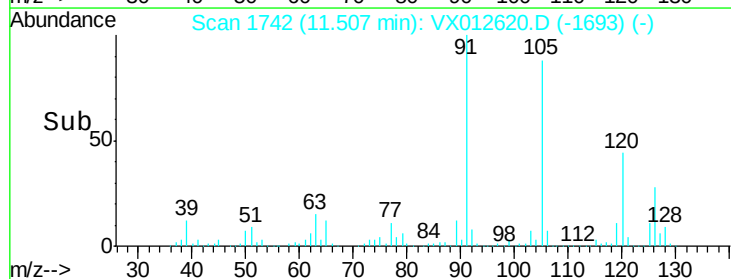
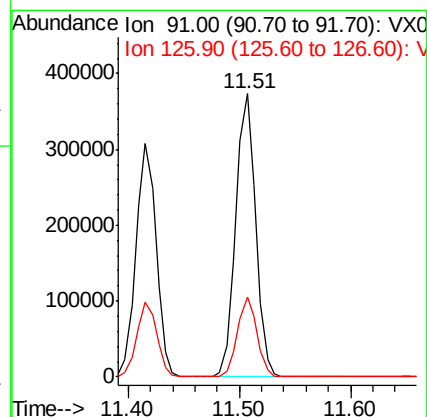
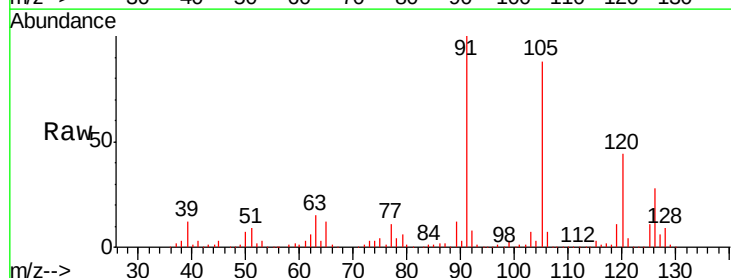
Acq: 24 Sep 2019 09:59

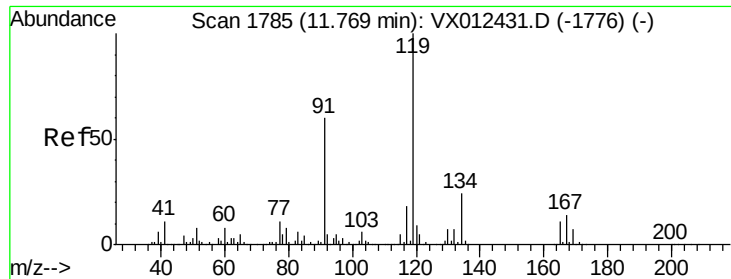
Tgt Ion: 91 Resp: 464212

Ion Ratio Lower Upper

91 100

126 27.4 14.4 43.0

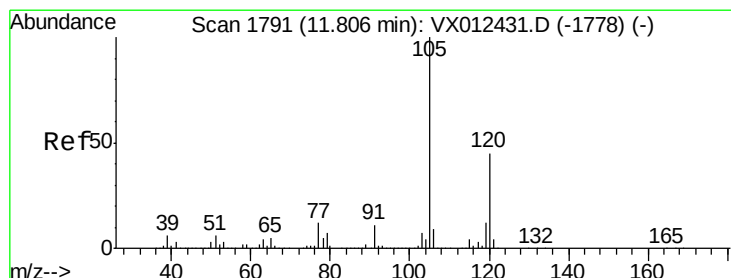
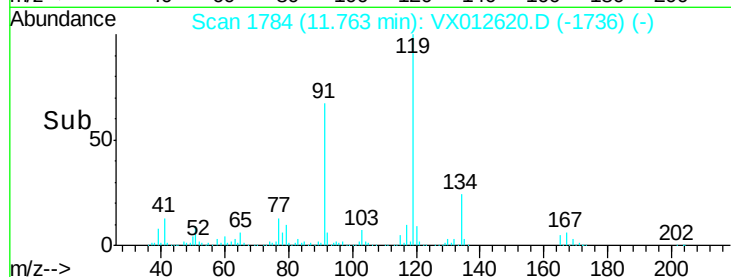
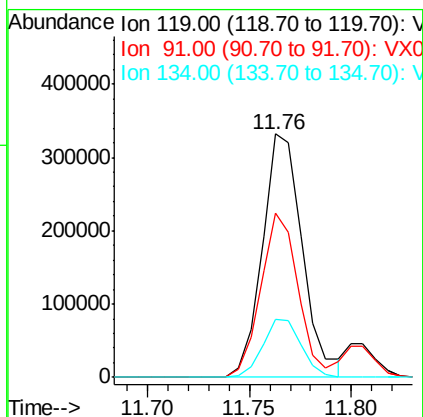
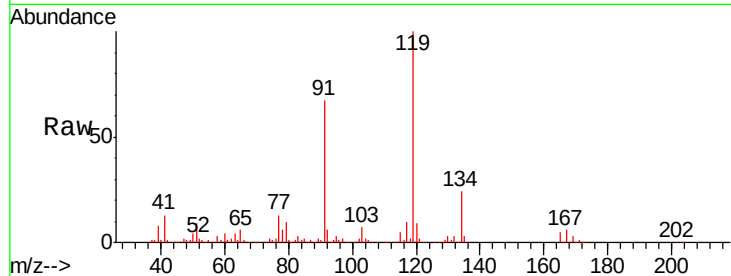




#83
 tert-Butylbenzene
 Concen: 50.259 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

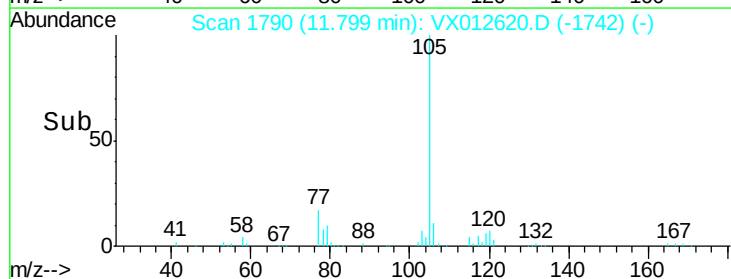
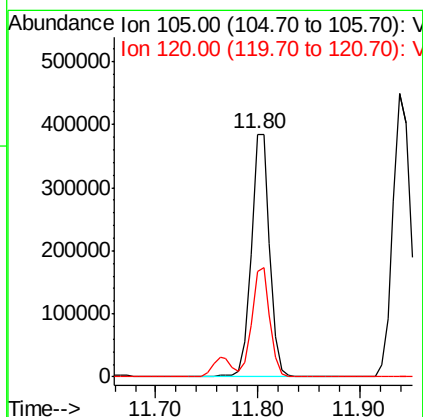
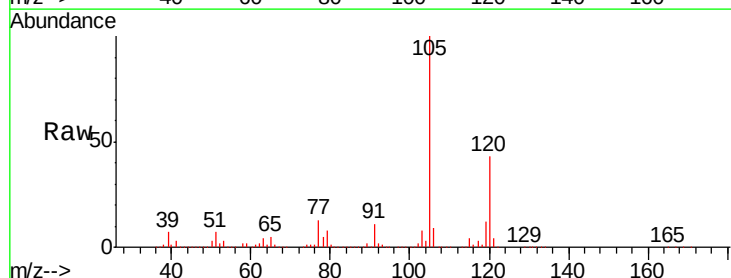
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

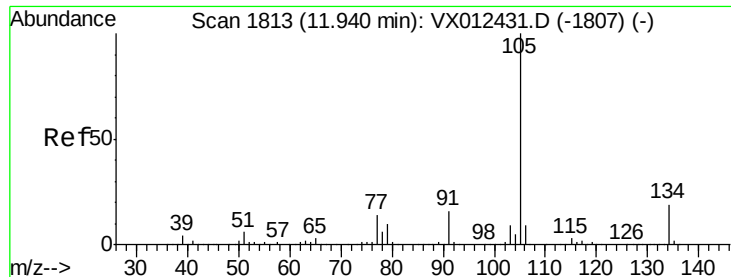
Tgt Ion:119 Resp: 454418
 Ion Ratio Lower Upper
 119 100
 91 62.6 30.0 90.0
 134 22.9 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.392 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion:105 Resp: 485924
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.972 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

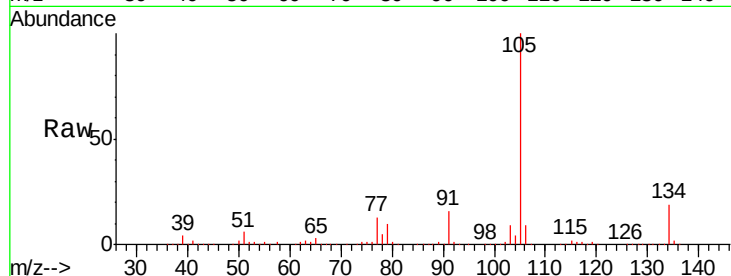
VSTDCCC050

Tgt Ion:105 Resp: 546557

Ion Ratio Lower Upper

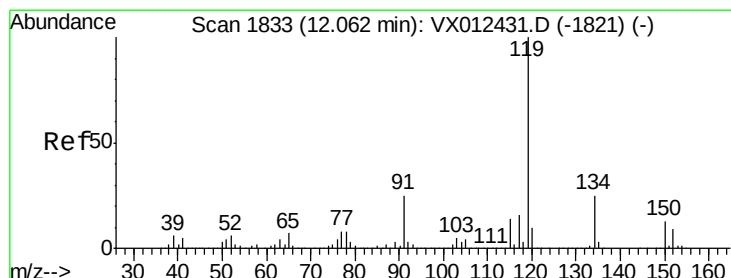
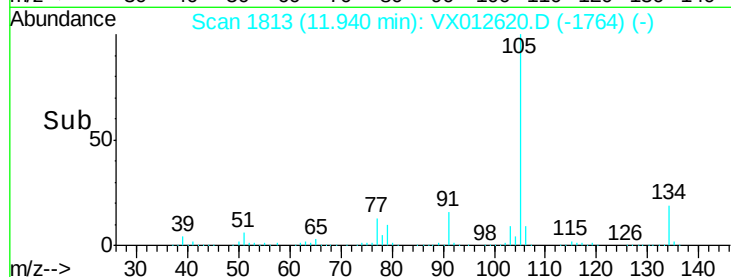
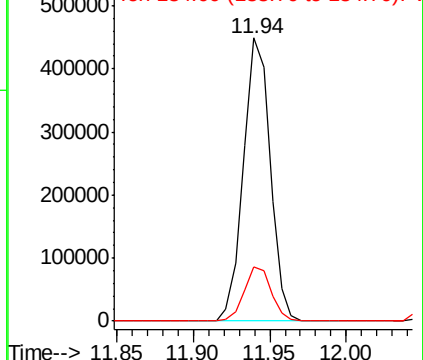
105 100

134 19.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.673 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

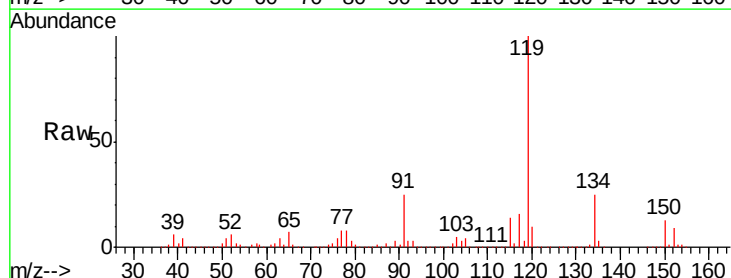
Tgt Ion:119 Resp: 509302

Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.1

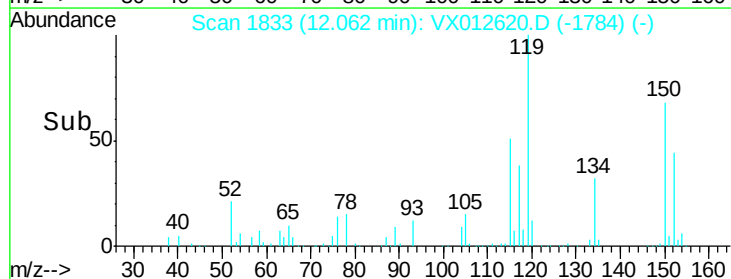
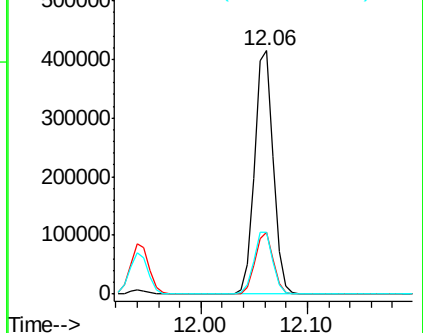
91 25.8 12.8 38.4

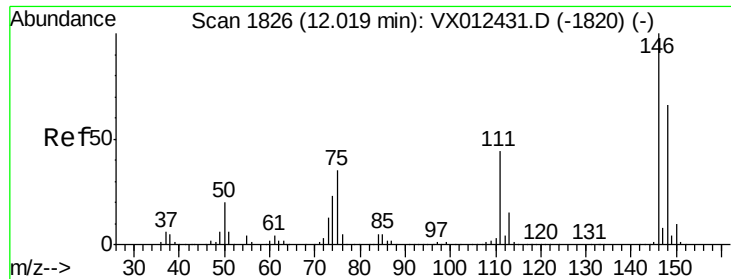


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

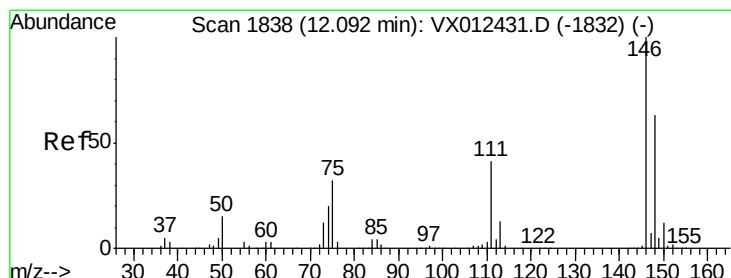
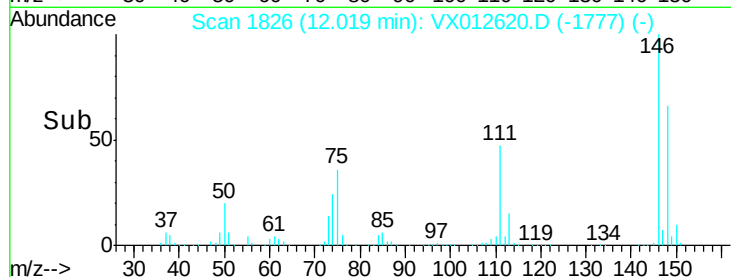
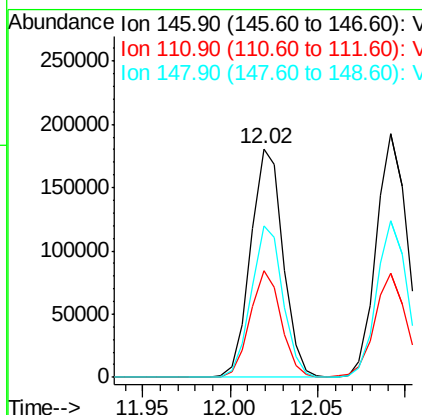
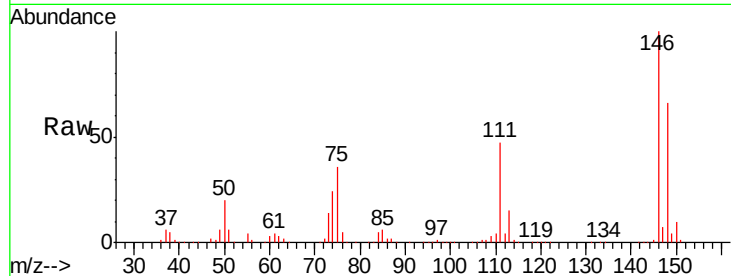




#87
 1,3-Dichlorobenzene
 Concen: 51.160 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

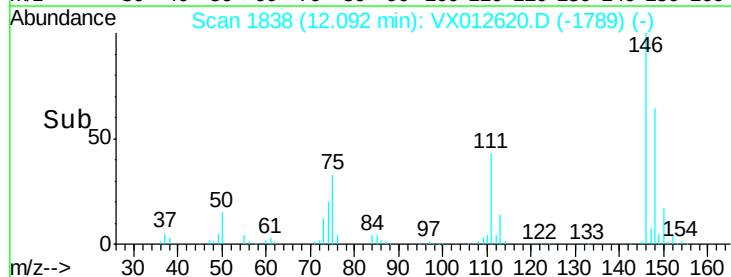
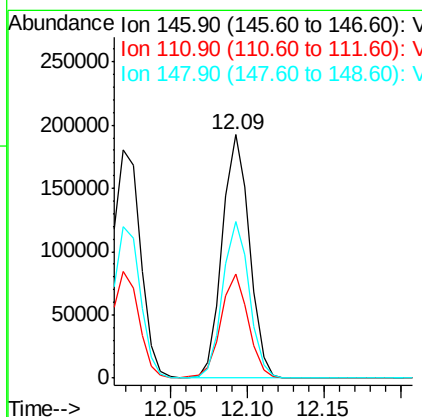
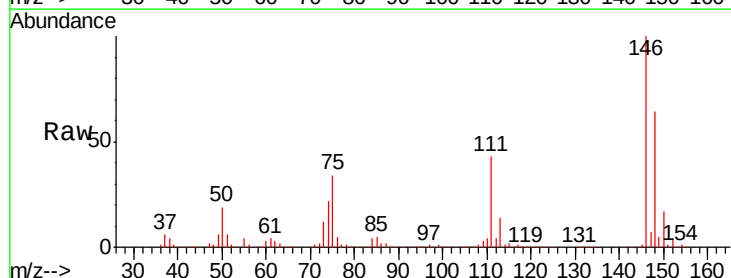
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

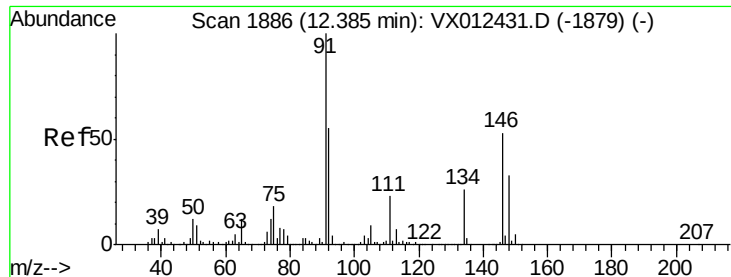
Tgt Ion:146 Resp: 232906
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.3 64.0
 148 64.4 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 51.474 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion:146 Resp: 236794
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.1 63.3
 148 63.5 32.1 96.5

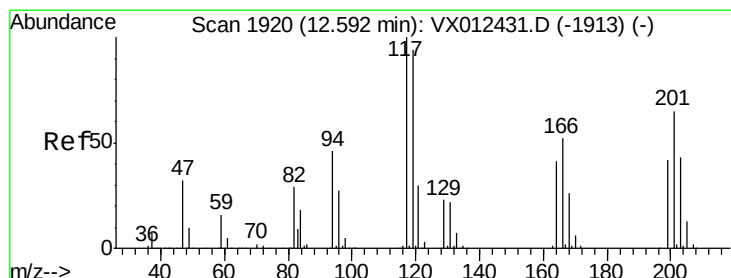
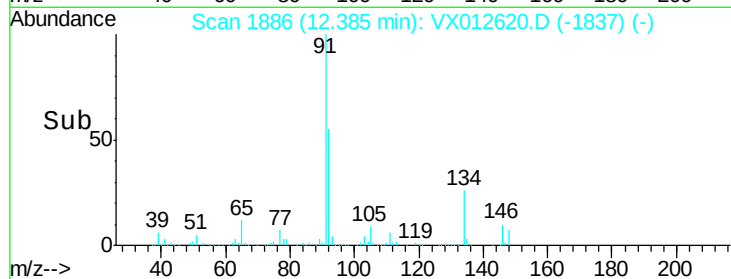
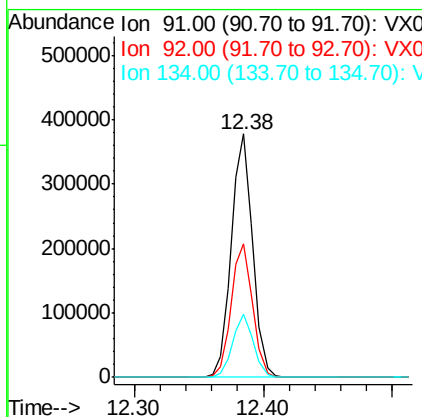
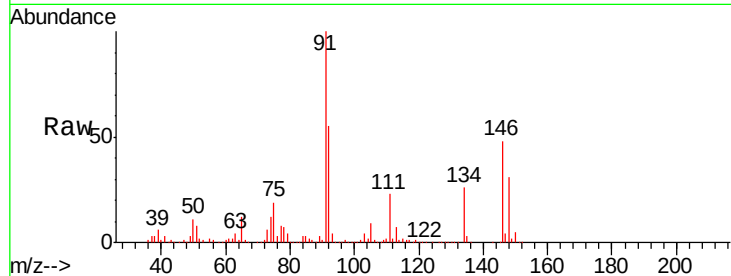




#89
n-Butylbenzene
Concen: 52.344 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

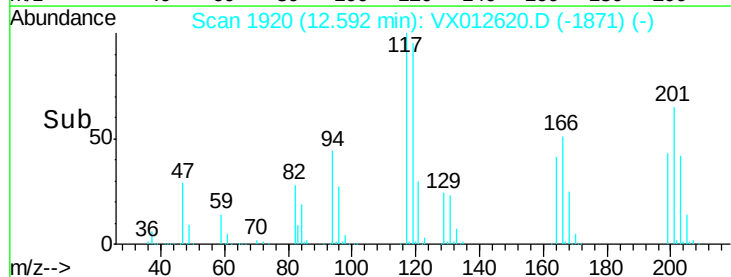
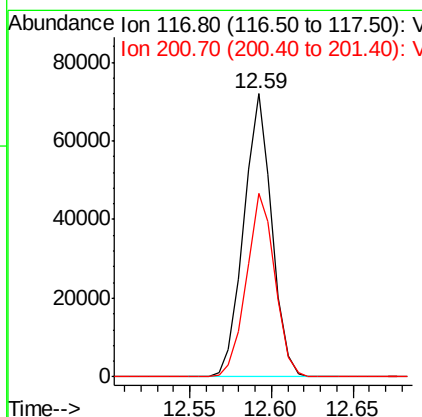
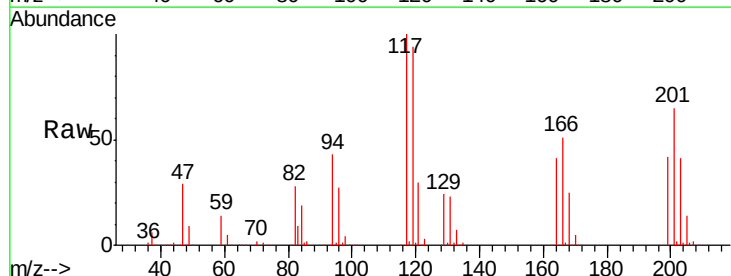
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

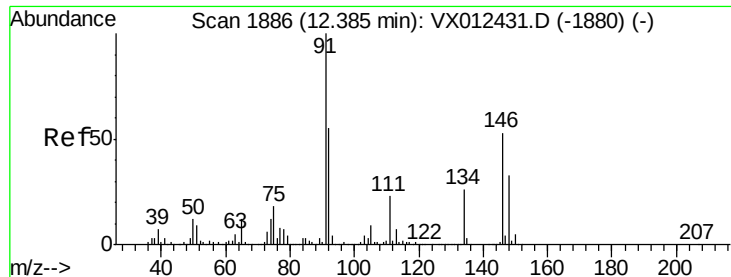
Tgt Ion: 91 Resp: 437682
Ion Ratio Lower Upper
91 100
92 55.0 27.7 83.0
134 25.2 12.9 38.6



#90
Hexachloroethane
Concen: 51.116 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion: 117 Resp: 86474
Ion Ratio Lower Upper
117 100
201 65.9 33.3 99.8

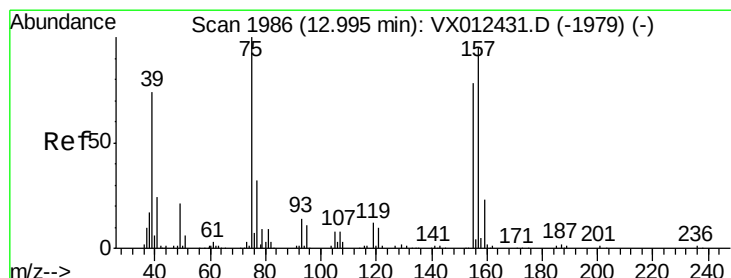
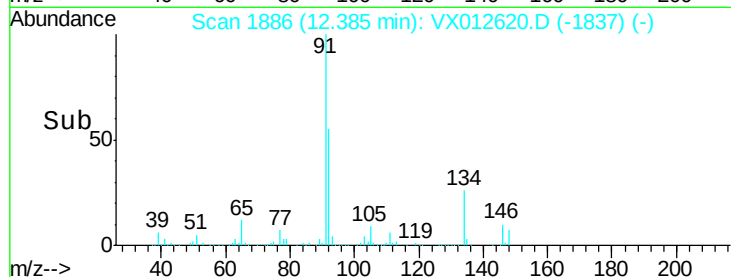
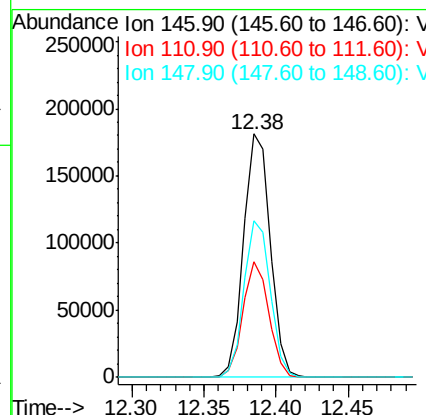
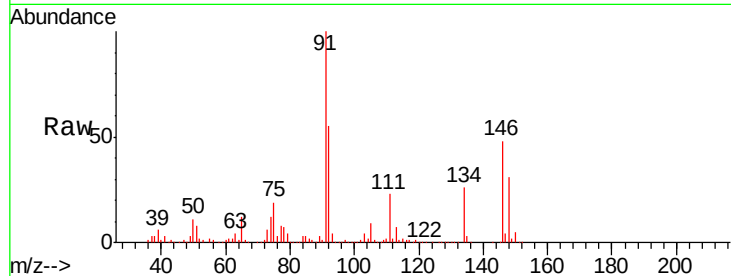




#91
 1,2-Dichlorobenzene
 Concen: 51.167 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

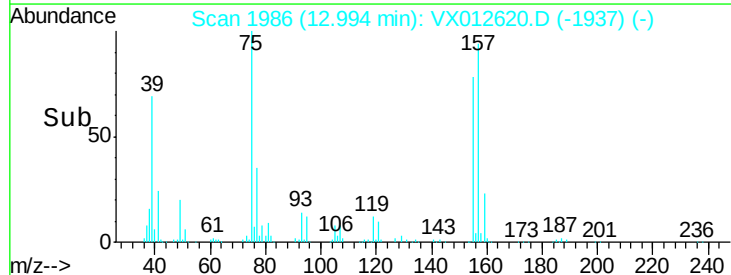
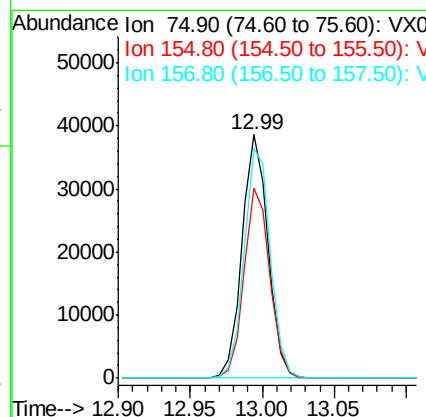
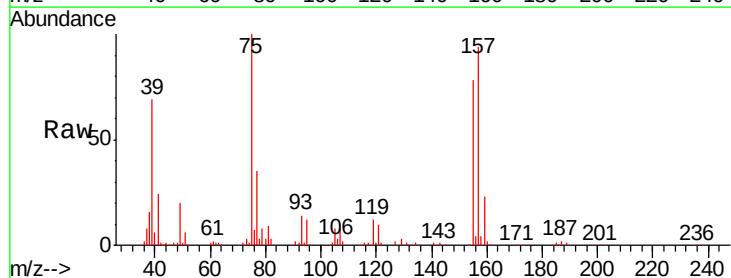
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

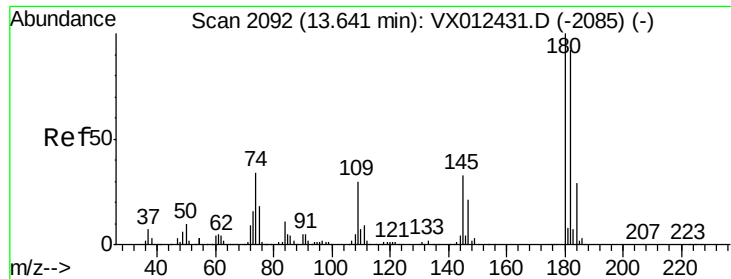
Tgt Ion: 146 Resp: 233206
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.1 66.1
 148 63.7 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.983 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 75 Resp: 48135
 Ion Ratio Lower Upper
 75 100
 155 77.3 38.6 115.8
 157 94.9 50.6 151.9

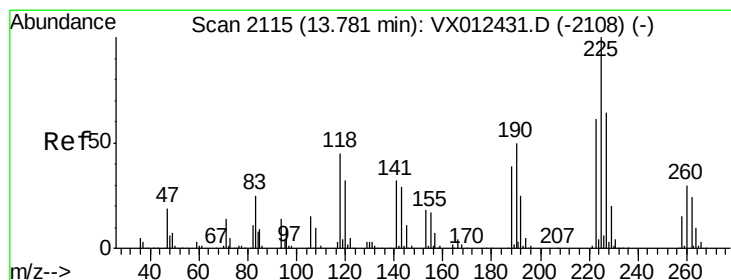
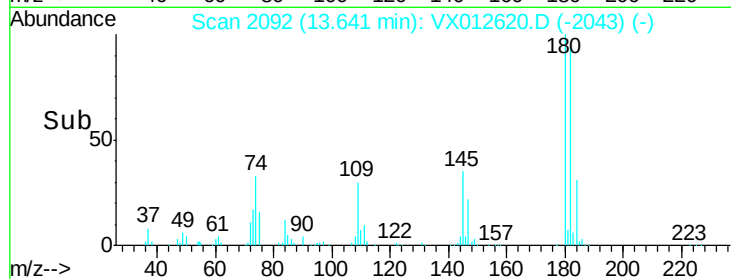
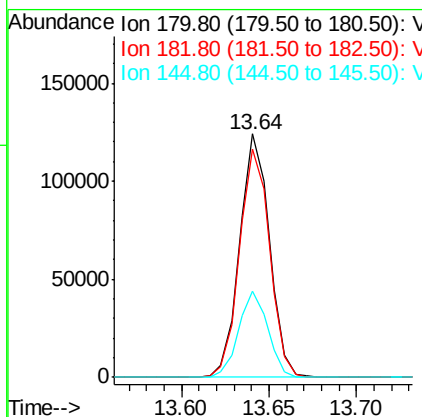
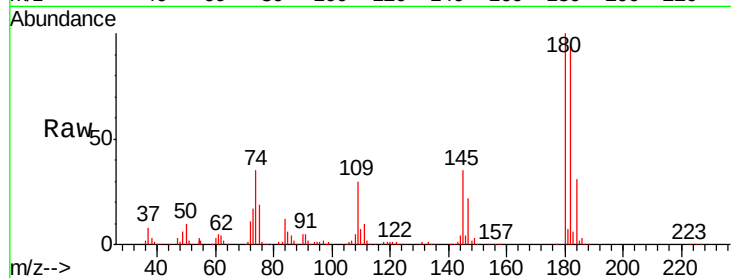




#93
 1,2,4-Trichlorobenzene
 Concen: 52.706 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

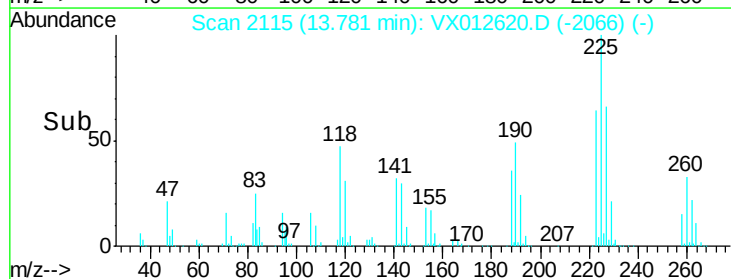
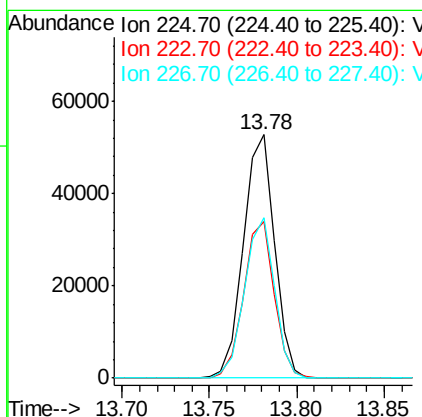
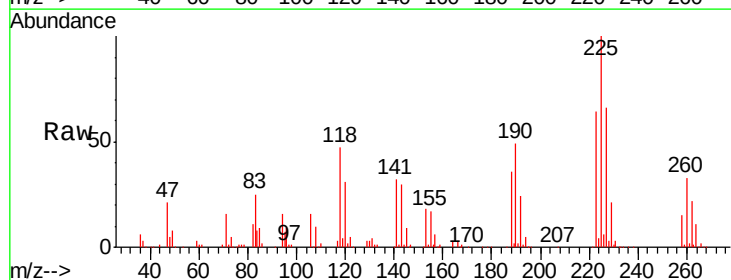
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

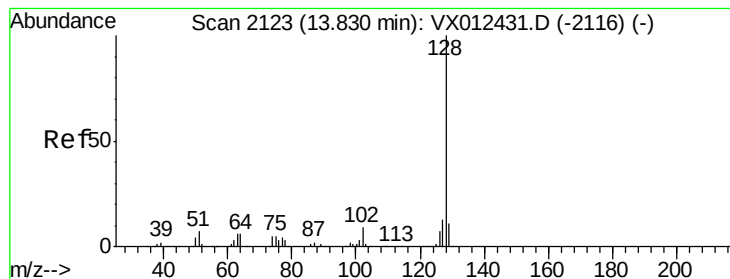
Tgt Ion	Resp	Lower	Upper
180	146498		
182	95.4	47.0	141.0
145	34.7	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 54.871 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion	Resp	Lower	Upper
225	65612		
223	63.1	32.0	96.2
227	63.6	31.9	95.5





#95

Naphthalene

Concen: 53.335 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

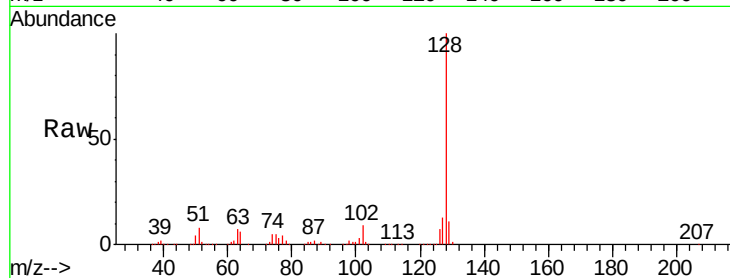
Tgt Ion:128 Resp: 536359

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

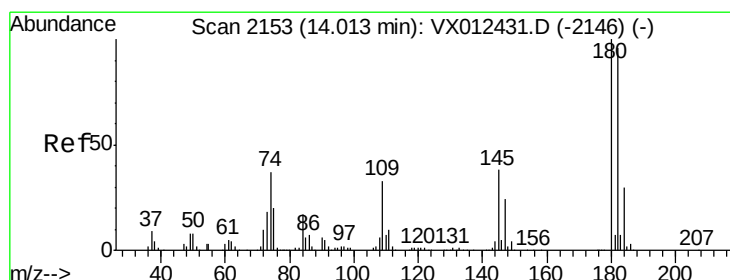
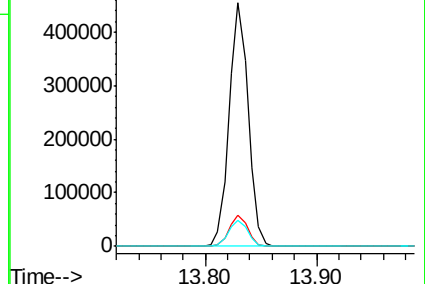
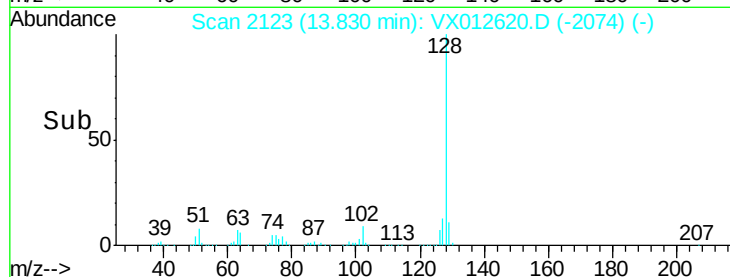
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.849 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

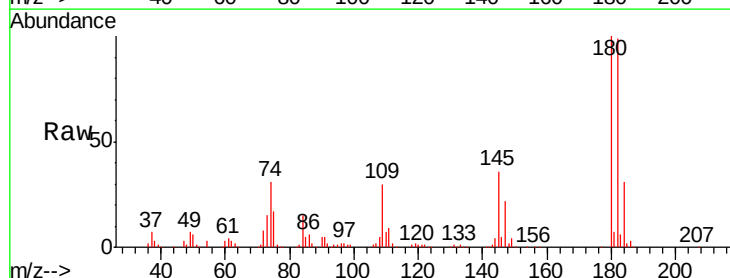
Tgt Ion:180 Resp: 147148

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.3

145 36.6 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

