

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013010.D
 Acq On : 11 Oct 2019 03:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 11 08:25:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	172791	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	288339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	257000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124117	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	106851	49.48	ug/l	-0.01
Spiked Amount			Recovery	=	98.96%	
35) Dibromofluoromethane	5.48	113	84908	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
50) Toluene-d8	8.71	98	327692	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.14	95	130260	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	91681	52.053	ug/l	99
3) Chloromethane	1.31	50	92683	48.352	ug/l	99
4) Vinyl Chloride	1.40	62	96718	48.885	ug/l	98
5) Bromomethane	1.62	94	36964	44.945	ug/l	96
6) Chloroethane	1.71	64	60210	49.823	ug/l	99
7) Trichlorofluoromethane	1.92	101	142410	53.330	ug/l	99
8) Diethyl Ether	2.18	74	54456	50.522	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90195	52.189	ug/l	99
10) Methyl Iodide	2.50	142	100529	51.208	ug/l	99
11) Tert butyl alcohol	3.03	59	133965	233.997	ug/l	99
12) 1,1-Dichloroethene	2.36	96	84815	48.573	ug/l	96
13) Acrolein	2.28	56	74808	183.868	ug/l	97
14) Allyl chloride	2.72	41	149853	48.190	ug/l	98
15) Acrylonitrile	3.13	53	264416	243.714	ug/l	99
16) Acetone	2.43	43	226159	198.671	ug/l	99
17) Carbon Disulfide	2.56	76	229479	46.090	ug/l	99
18) Methyl Acetate	2.76	43	130562	48.388	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	310252	51.451	ug/l	100
20) Methylene Chloride	2.84	84	99993	47.796	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	94767	50.636	ug/l	96
22) Diisopropyl ether	3.84	45	305159	51.213	ug/l	93
23) Vinyl Acetate	3.80	43	1280989	249.029	ug/l	100
24) 1,1-Dichloroethane	3.68	63	169073	50.437	ug/l	99
25) 2-Butanone	4.65	43	359291	227.498	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105191	37.317	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	106849	49.529	ug/l	96
28) Bromochloromethane	5.00	49	49779	49.686	ug/l	98
29) Tetrahydrofuran	5.11	42	231262	237.959	ug/l	98
30) Chloroform	5.20	83	171030	49.723	ug/l	100
31) Cyclohexane	5.56	56	160545	51.218	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	150781	51.736	ug/l	99
36) 1,1-Dichloropropene	5.78	75	130476	51.468	ug/l	99
37) Ethyl Acetate	4.81	43	137797	48.610	ug/l	100
38) Carbon Tetrachloride	5.77	117	129093	52.317	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	166921	54.294	ug/l	97
40) Benzene	6.13	78	387044	51.692	ug/l	99
41) Methacrylonitrile	5.02	41	76300	48.984	ug/l	99
42) 1,2-Dichloroethane	6.18	62	137844	51.306	ug/l	100
43) Isopropyl Acetate	6.43	43	226461	49.774	ug/l	99
44) Trichloroethene	7.20	130	103845	50.015	ug/l	93
45) 1,2-Dichloropropane	7.50	63	99647	52.218	ug/l	97
46) Dibromomethane	7.65	93	65865	51.804	ug/l	98
47) Bromodichloromethane	7.89	83	132262	53.306	ug/l	98
48) Methyl methacrylate	7.76	41	110510	49.843	ug/l	99
49) 1,4-Dioxane	7.73	88	57395	965.876	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	706499	249.056	ug/l	100
52) Toluene	8.78	92	248417	51.860	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	139503	45.267	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153000	50.137	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98376	51.895	ug/l	98
56) Ethyl methacrylate	9.17	69	159034	46.965	ug/l	100
57) 1,3-Dichloropropane	9.36	76	168847	51.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	364915	262.040	ug/l	99
59) 2-Hexanone	9.48	43	542362	245.613	ug/l	100
60) Dibromochloromethane	9.57	129	100821	47.875	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104125	52.215	ug/l	100
64) Tetrachloroethene	9.33	164	98809	55.431	ug/l	97
65) Chlorobenzene	10.14	112	260213	50.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	94958	53.662	ug/l	100
67) Ethyl Benzene	10.25	91	476519	52.564	ug/l	96
68) m/p-Xylenes	10.35	106	359480	106.144	ug/l	100
69) o-Xylene	10.70	106	172948	52.367	ug/l	100
70) Styrene	10.71	104	303726	54.097	ug/l	99
71) Bromoform	10.85	173	68317	45.612	ug/l #	99
73) Isopropylbenzene	11.01	105	477744	52.354	ug/l	100
74) N-amyl acetate	10.89	43	200904	51.120	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	151931	50.058	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	173347	62.969	ug/l	76
77) Bromobenzene	11.25	156	110571	51.420	ug/l	98
78) n-propylbenzene	11.35	91	537033	53.483	ug/l	99
79) 2-Chlorotoluene	11.42	91	324946	51.492	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400709	52.589	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43657	41.533	ug/l	99
82) 4-Chlorotoluene	11.51	91	367048	50.745	ug/l	99
83) tert-Butylbenzene	11.76	119	380865	51.240	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	404659	52.437	ug/l	99
85) sec-Butylbenzene	11.94	105	460208	53.442	ug/l	97
86) p-Isopropyltoluene	12.06	119	418562	52.408	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199432	49.943	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199249	49.268	ug/l	99
89) n-Butylbenzene	12.38	91	358739	53.445	ug/l	99
90) Hexachloroethane	12.59	117	71305	48.281	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	203775	52.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35107	49.351	ug/l	99

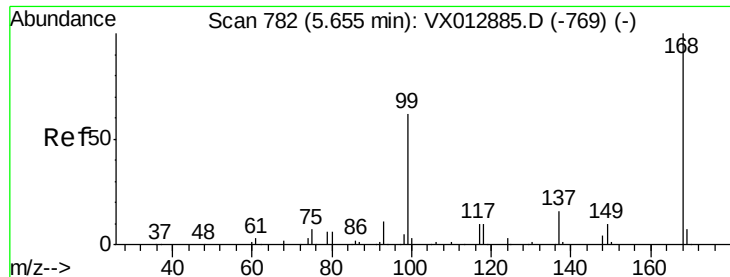
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127185	51.863	ug/l	99
94) Hexachlorobutadiene	13.78	225	57732	51.011	ug/l	98
95) Naphthalene	13.83	128	437323	51.444	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	127746	50.409	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

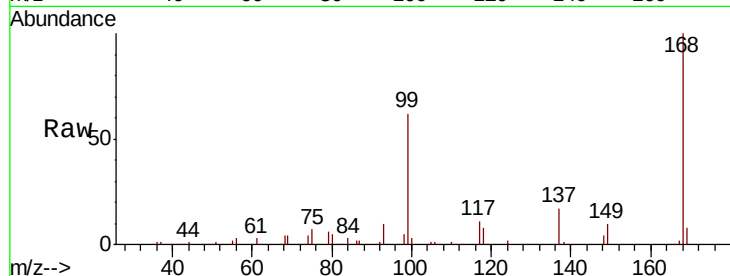
VSTDCCC050

Tot Ion:168 Resp: 172791

Ion Ratio Lower Upper

168 100

99 61.8 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

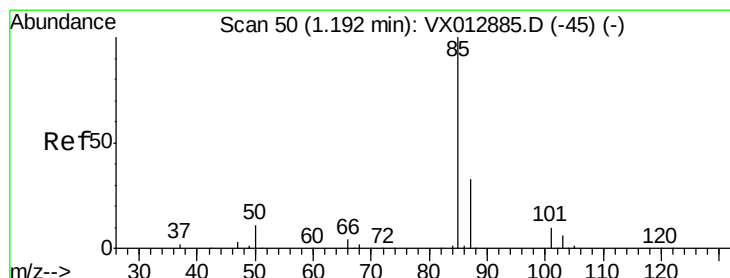
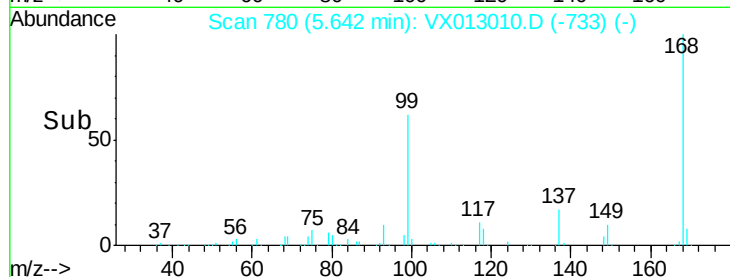
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.053 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013010.D

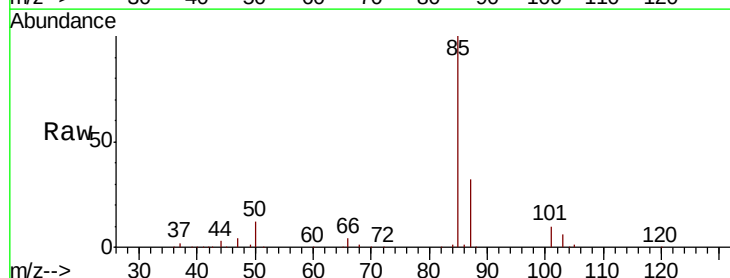
Acq: 11 Oct 2019 03:40

Tgt Ion: 85 Resp: 91681

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

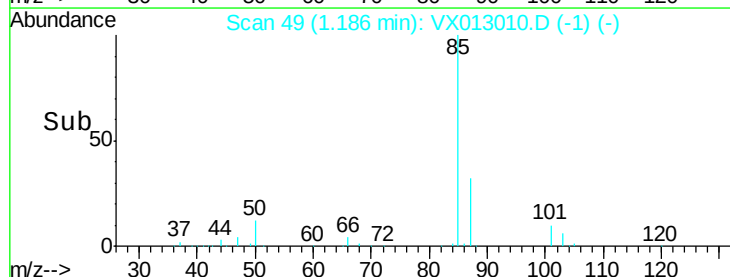
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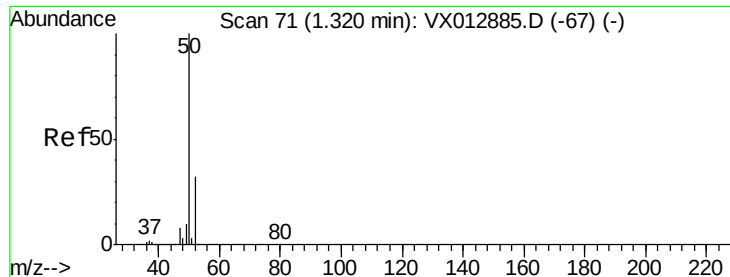
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.352 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

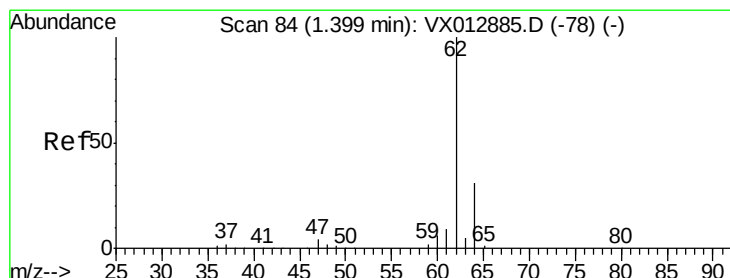
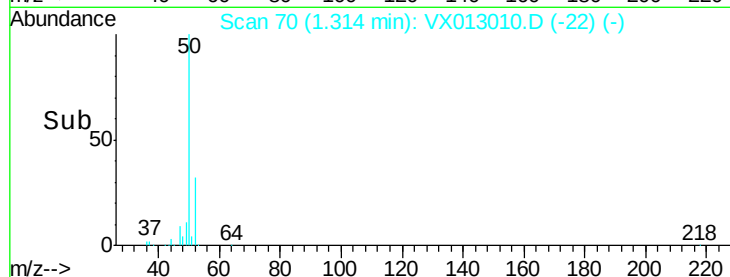
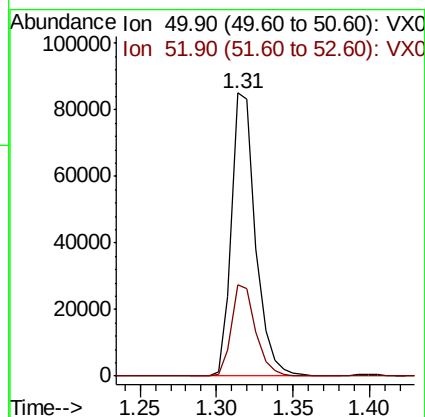
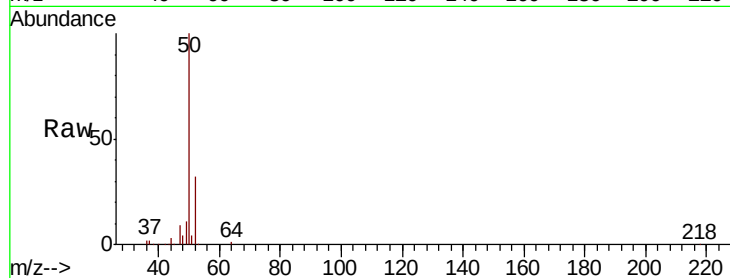
VSTDCCC050

Tot Ion: 50 Resp: 92683

Ion Ratio Lower Upper

50 100

52 32.1 25.2 37.8



#4

Vinyl Chloride

Concen: 48.885 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013010.D

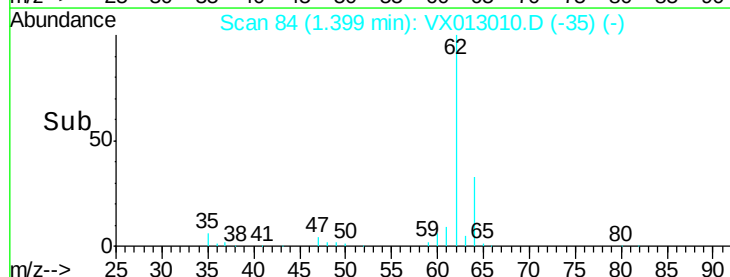
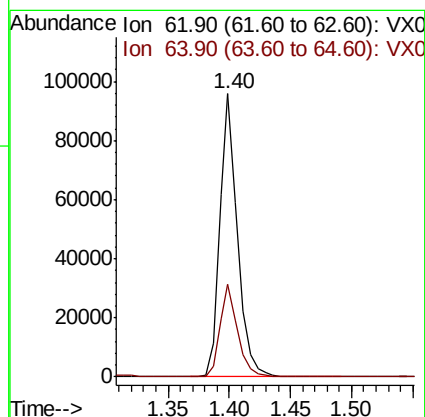
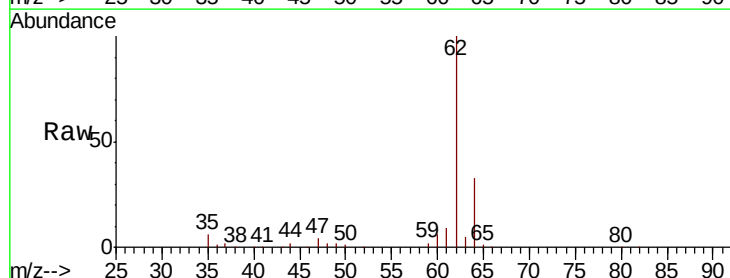
Acq: 11 Oct 2019 03:40

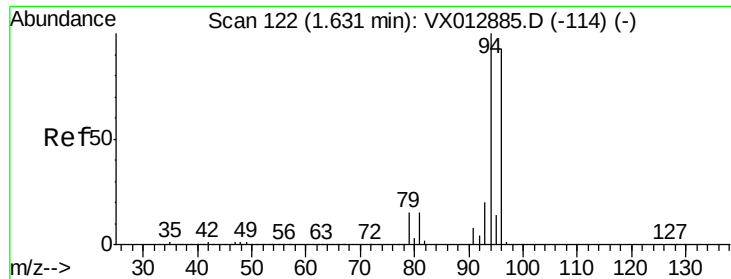
Tgt Ion: 62 Resp: 96718

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 44.945 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

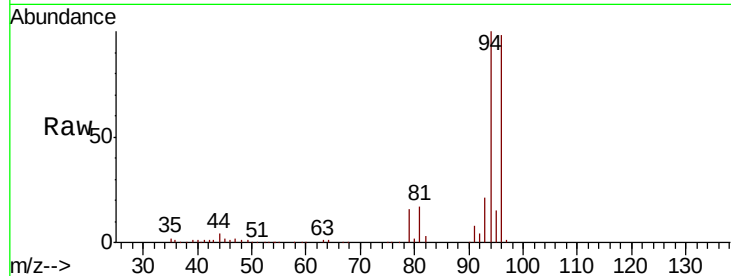
VSTDCCC050

Tot Ion: 94 Resp: 36964

Ion Ratio Lower Upper

94 100

96 97.7 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

40000

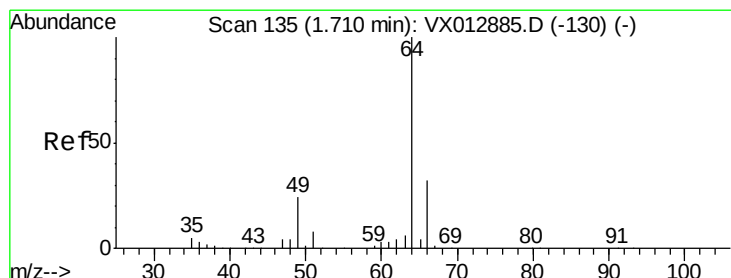
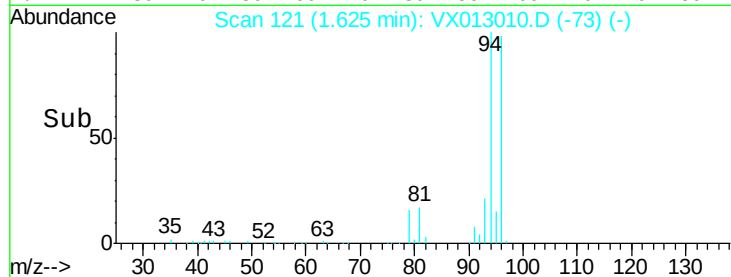
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 49.823 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013010.D

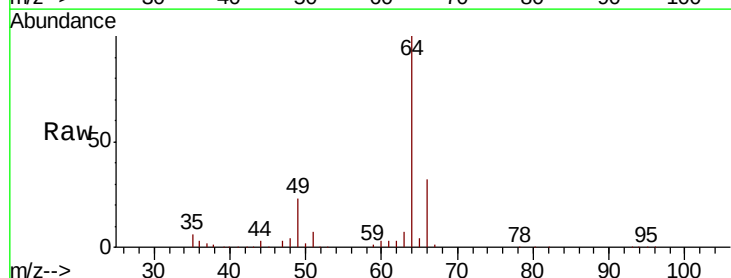
Acq: 11 Oct 2019 03:40

Tgt Ion: 64 Resp: 60210

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

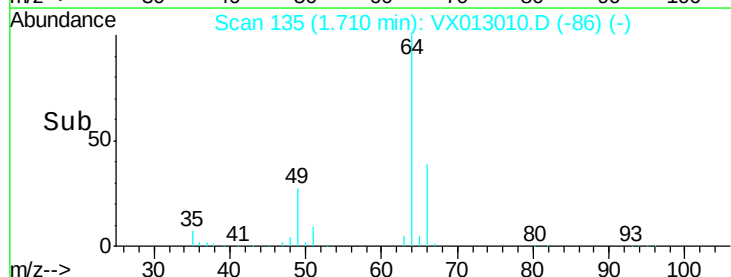
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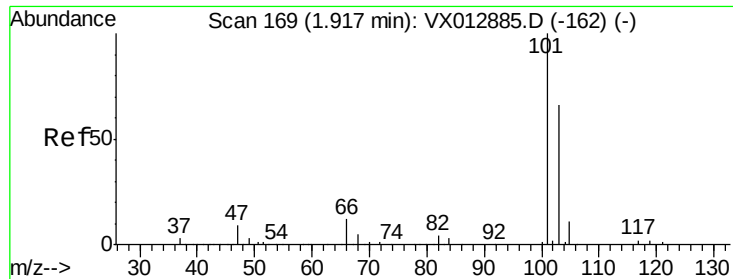
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Time-->



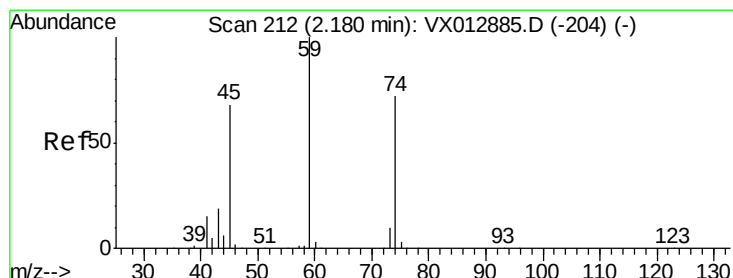
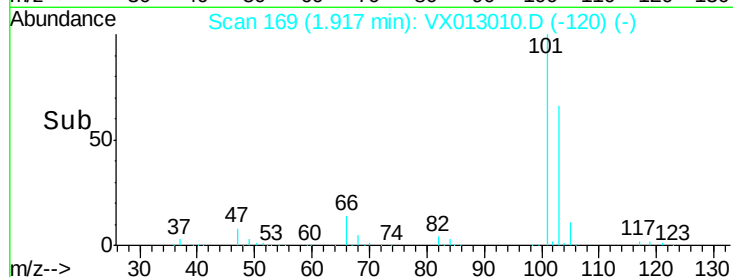
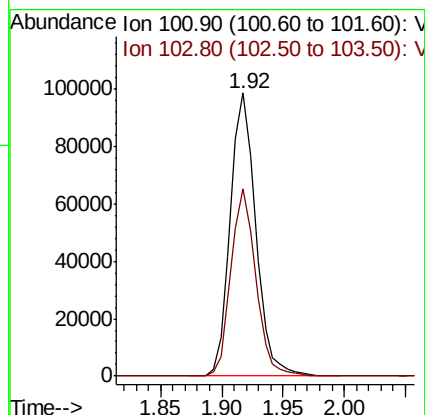
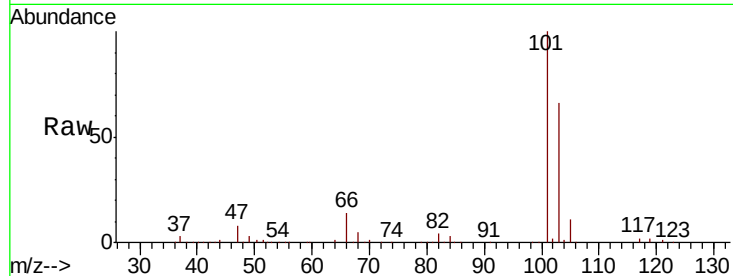


#7

Trichlorofluoromethane
Concen: 53.330 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

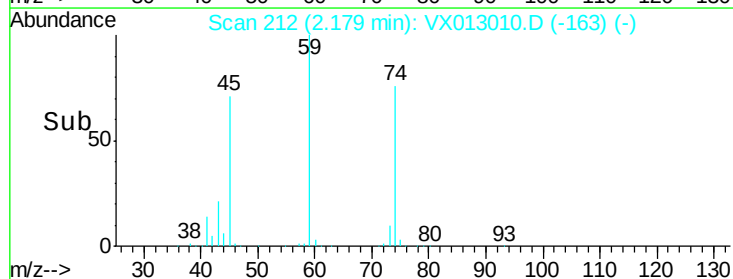
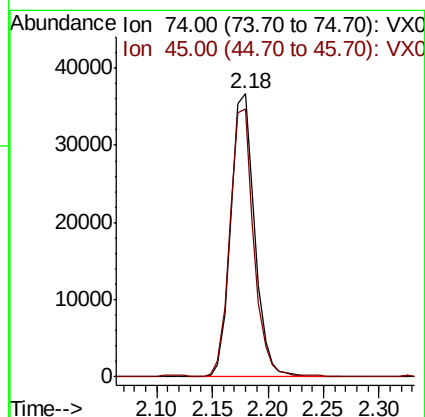
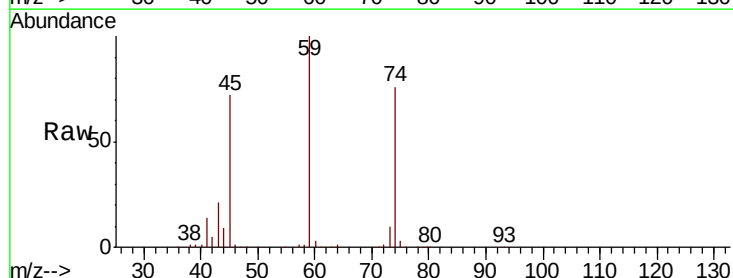
Tot Ion:101 Resp: 142410
Ion Ratio Lower Upper
101 100
103 66.0 52.5 78.7

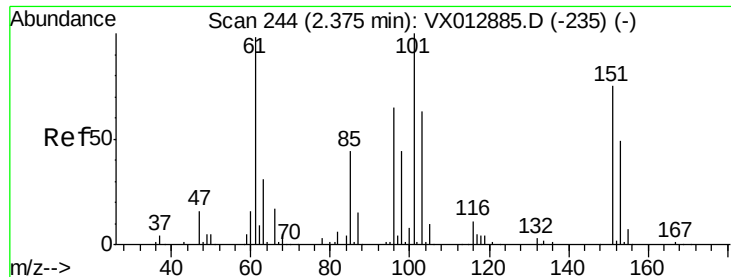


#8

Diethyl Ether
Concen: 50.522 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion: 74 Resp: 54456
Ion Ratio Lower Upper
74 100
45 93.8 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.189 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

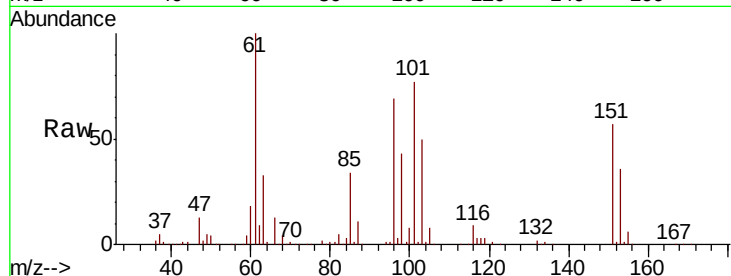
Tot Ion:101 Resp: 90195

Ion Ratio Lower Upper

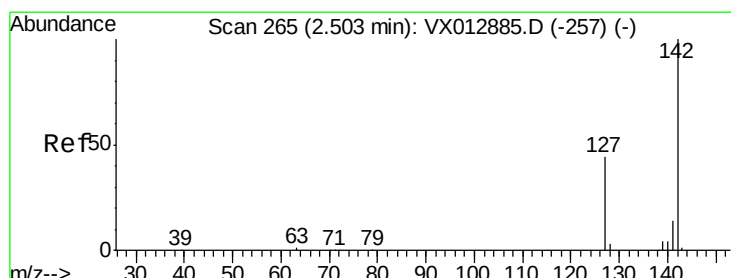
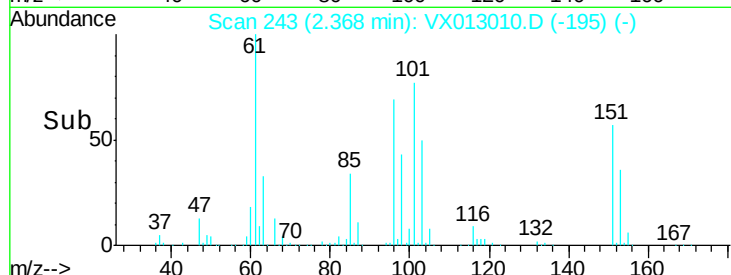
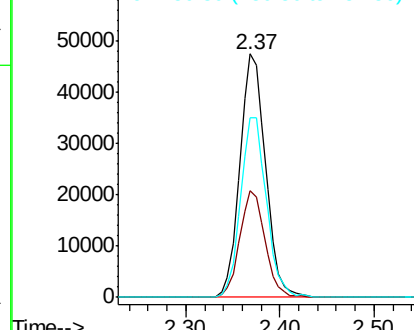
101 100

85 43.1 35.2 52.8

151 74.5 60.3 90.5



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



#10

Methyl Iodide

Concen: 51.208 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

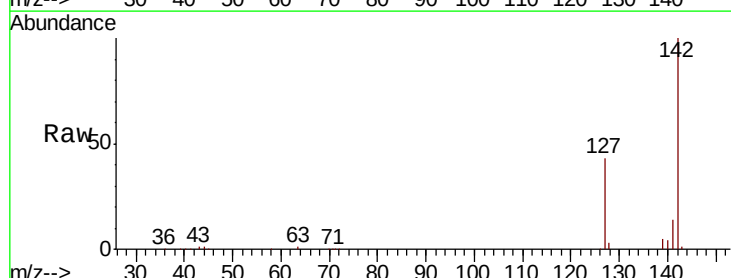
Tgt Ion:142 Resp: 100529

Ion Ratio Lower Upper

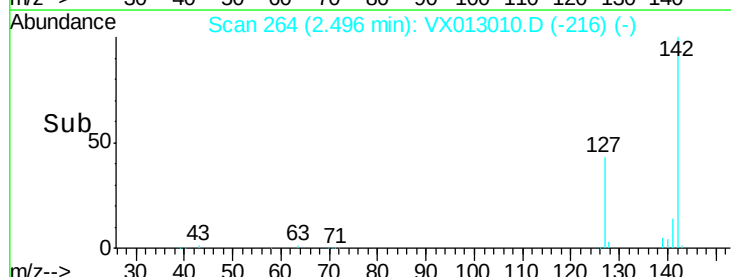
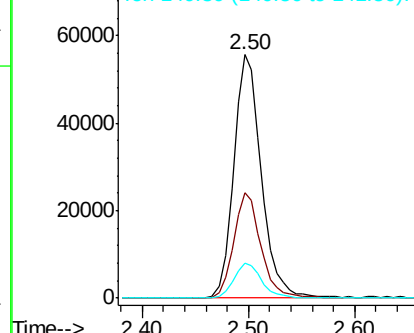
142 100

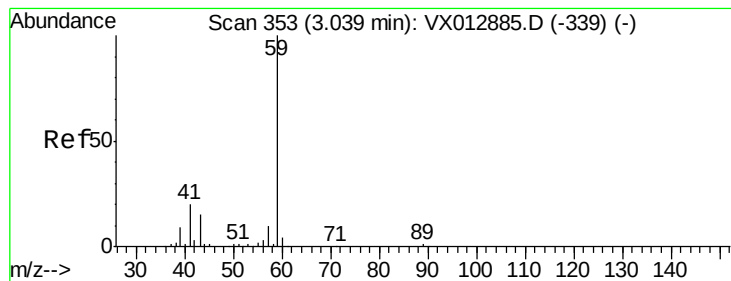
127 43.0 34.9 52.3

141 14.5 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



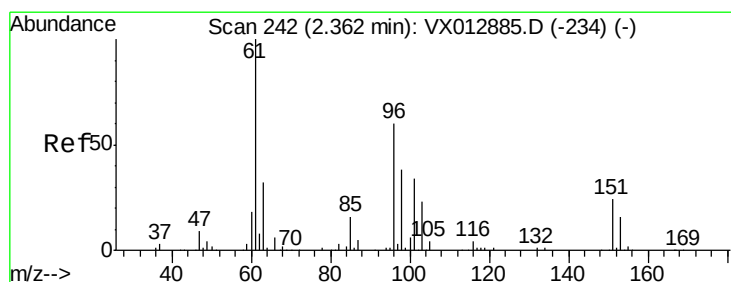
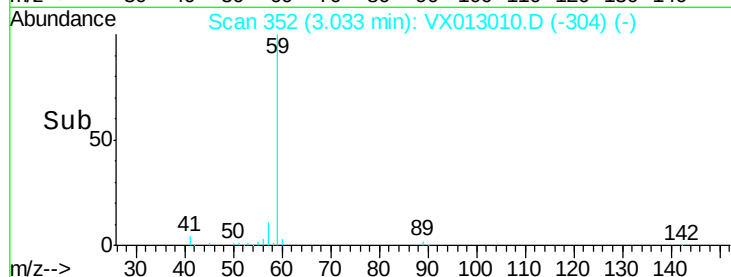
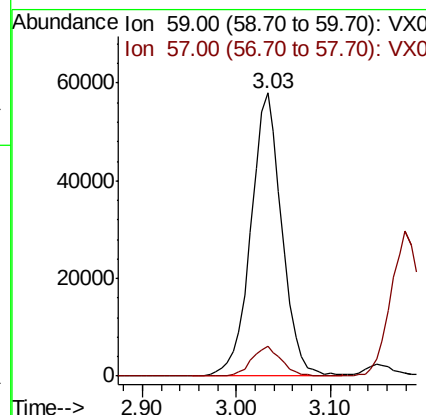
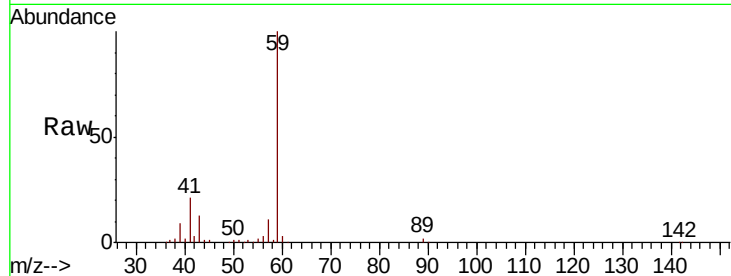


#11

Tert butyl alcohol
 Concen: 233.997 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

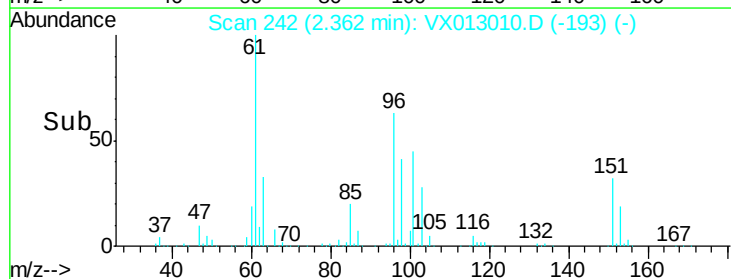
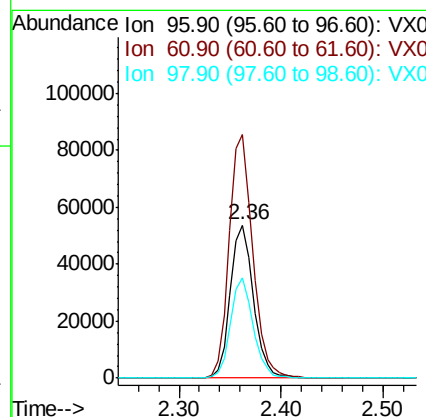
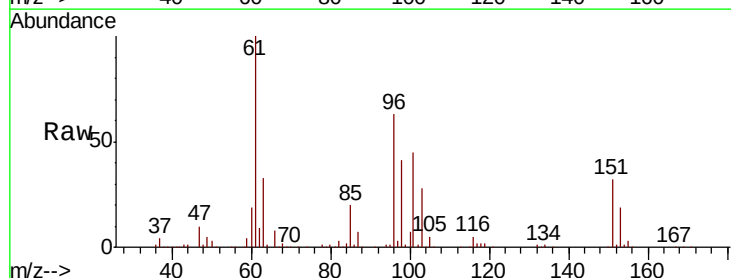
Tot Ion: 59 Resp: 133965
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.3 12.5

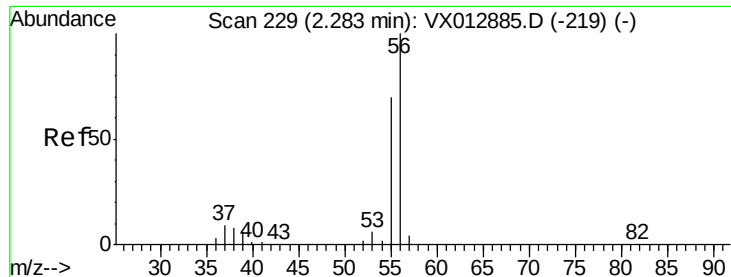


#12

1,1-Dichloroethene
 Concen: 48.573 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion: 96 Resp: 84815
 Ion Ratio Lower Upper
 96 100
 61 159.1 132.2 198.4
 98 65.8 50.5 75.7





#13

Acrolein

Concen: 183.868 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampled :

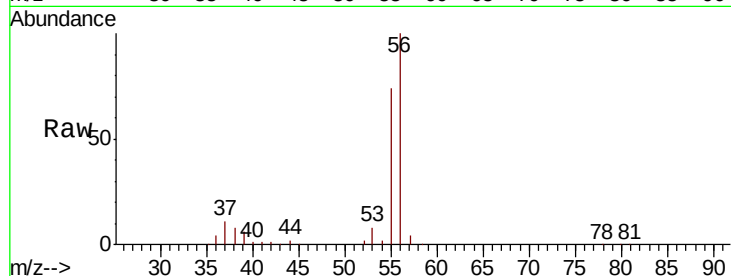
VSTDCCC050

Tot Ion: 56 Resp: 74808

Ion Ratio Lower Upper

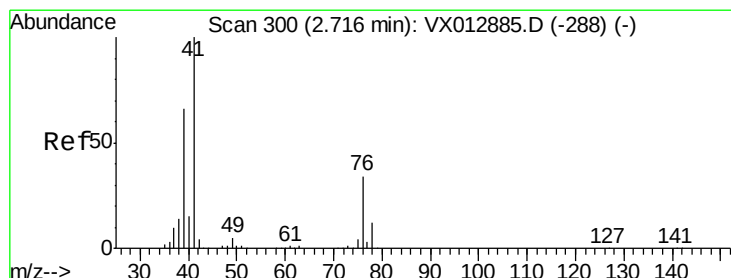
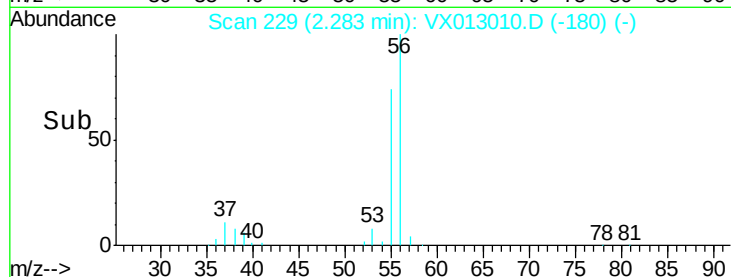
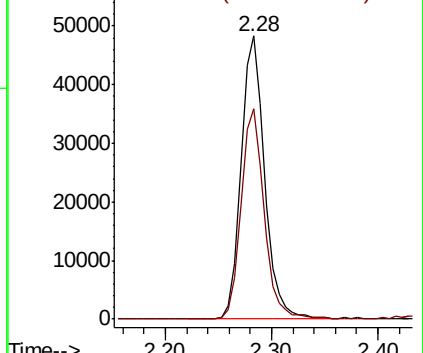
56 100

55 73.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.190 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

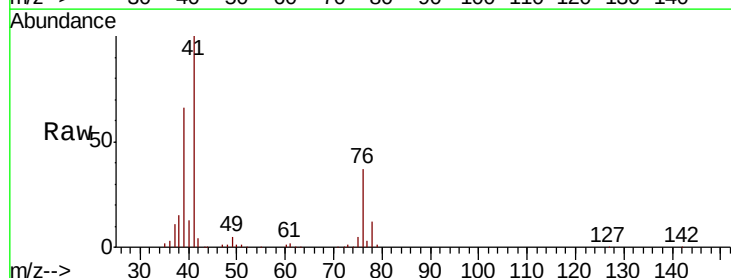
Tgt Ion: 41 Resp: 149853

Ion Ratio Lower Upper

41 100

39 62.0 51.0 76.6

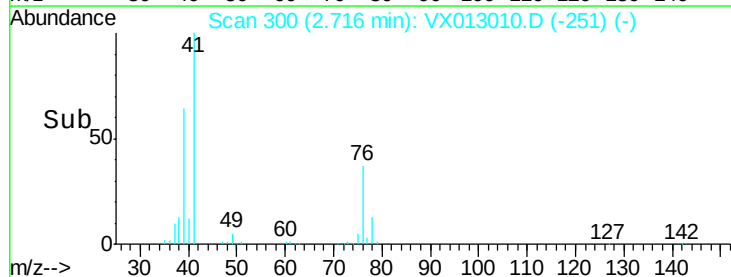
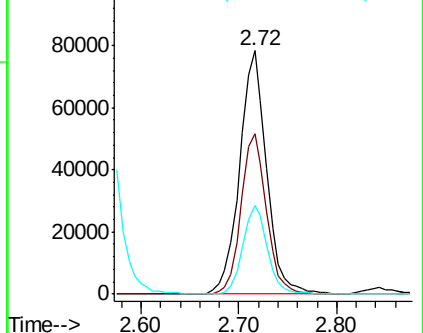
76 33.0 26.2 39.4

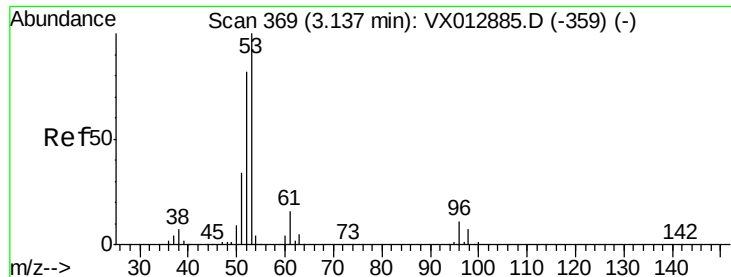


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 243.714 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

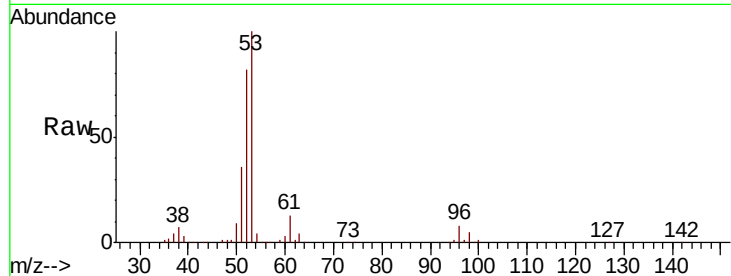
Tot Ion: 53 Resp: 264416

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

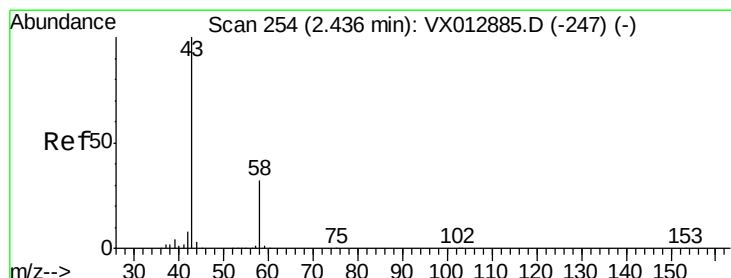
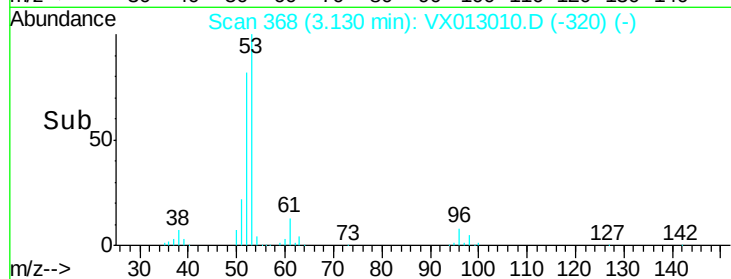
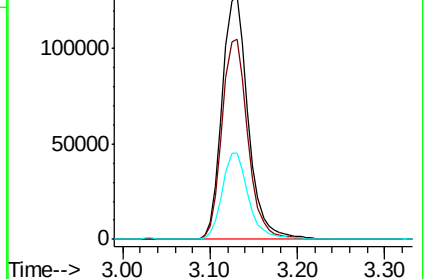
51 36.1 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 198.671 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013010.D

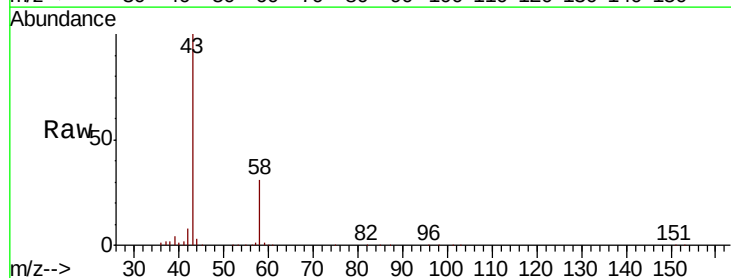
Acq: 11 Oct 2019 03:40

Tgt Ion: 43 Resp: 226159

Ion Ratio Lower Upper

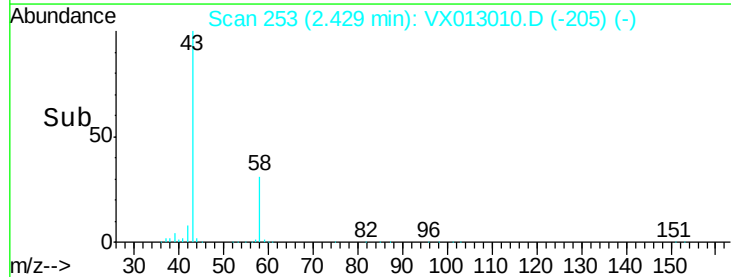
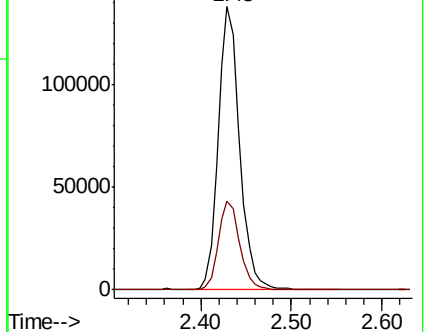
43 100

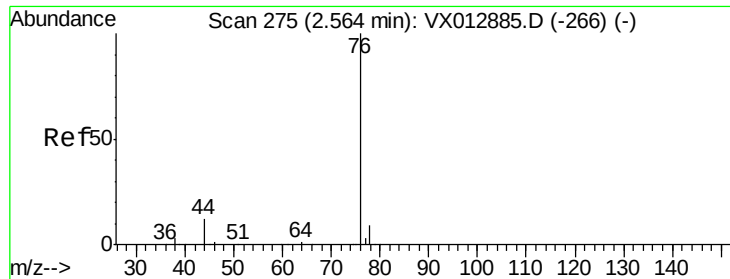
58 31.3 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.090 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

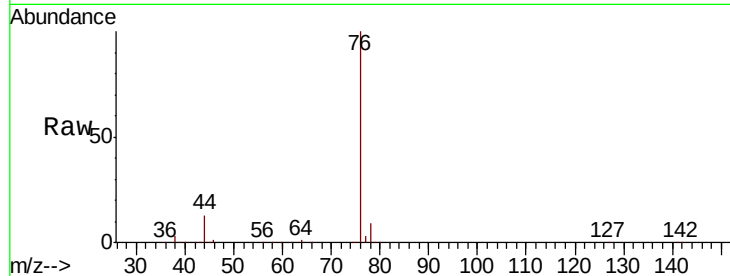
VSTDCCC050

Tot Ion: 76 Resp: 229479

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

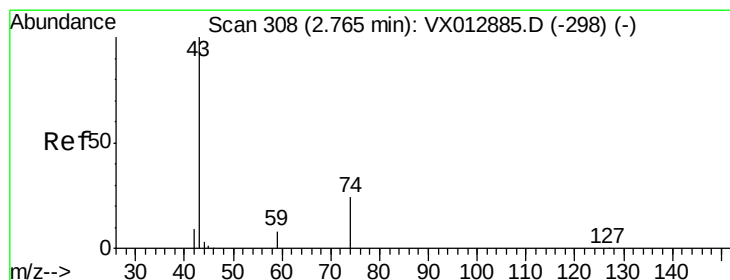
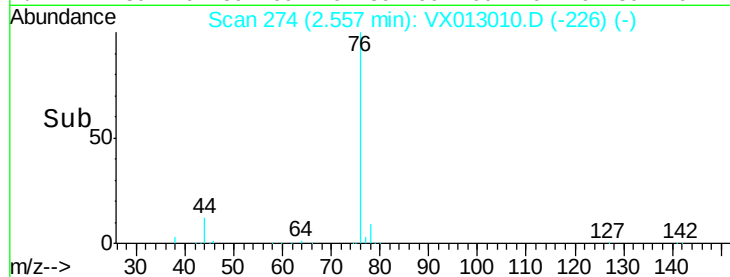
50000

0

Time-->

2.50

2.60



#18

Methyl Acetate

Concen: 48.388 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013010.D

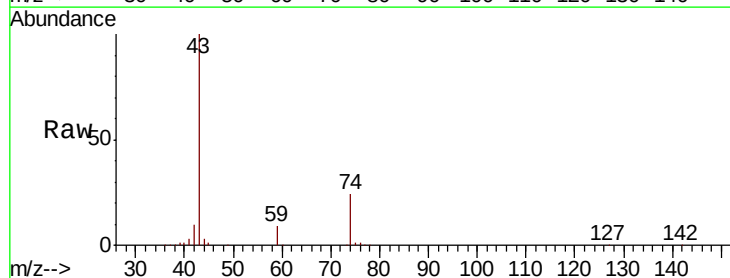
Acq: 11 Oct 2019 03:40

Tgt Ion: 43 Resp: 130562

Ion Ratio Lower Upper

43 100

74 23.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

60000

40000

20000

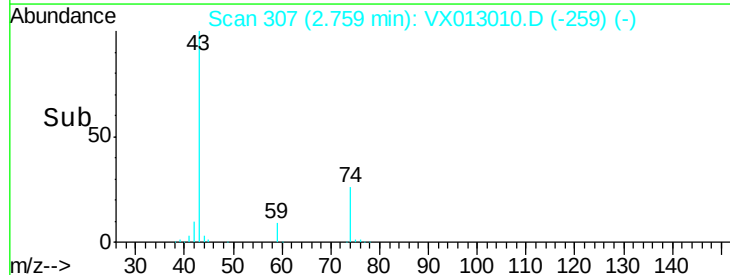
0

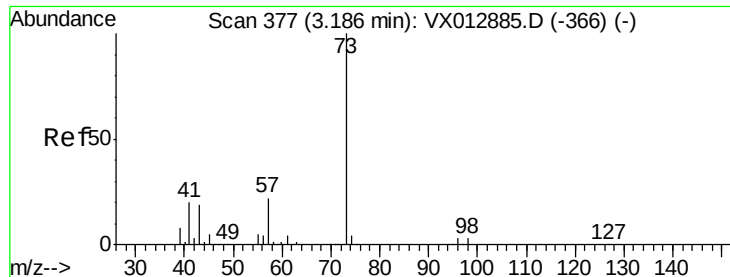
Time-->

2.70

2.80

2.90



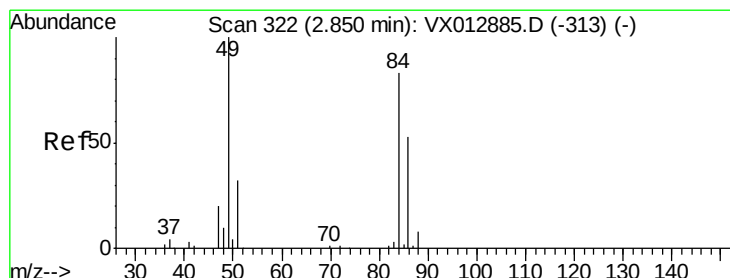
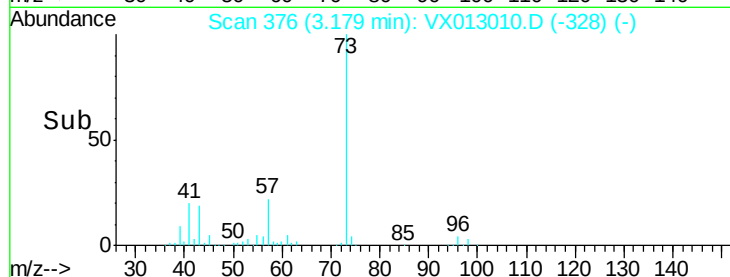
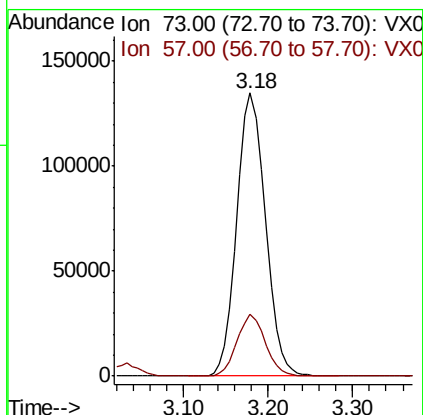
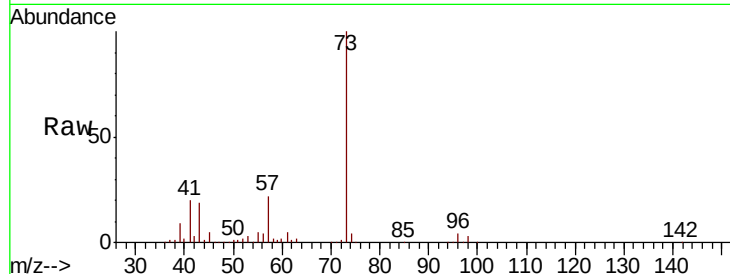


#19

Methyl tert-butyl Ether
 Concen: 51.451 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

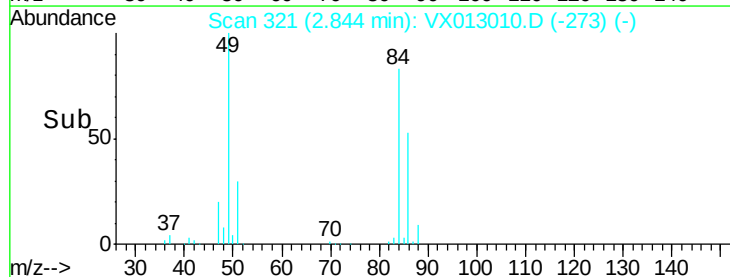
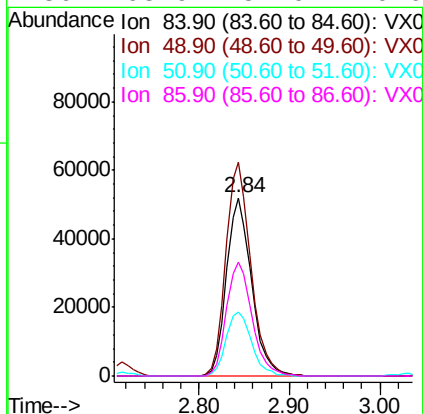
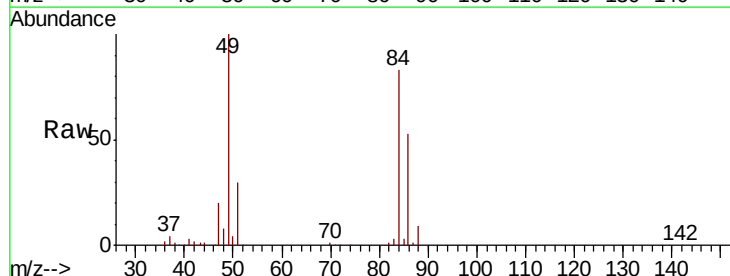
Tot Ion: 73 Resp: 310252
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.6

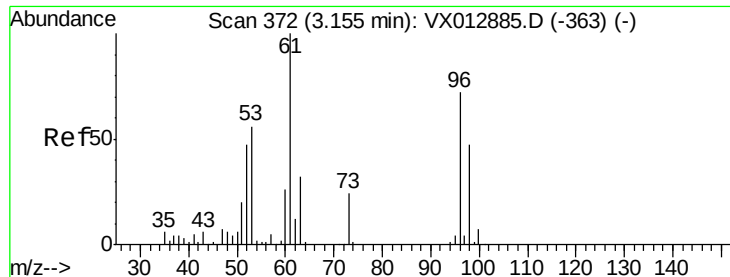


#20

Methylene Chloride
 Concen: 47.796 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion: 84 Resp: 99993
 Ion Ratio Lower Upper
 84 100
 49 119.9 96.6 144.8
 51 35.9 30.7 46.1
 86 63.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.636 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

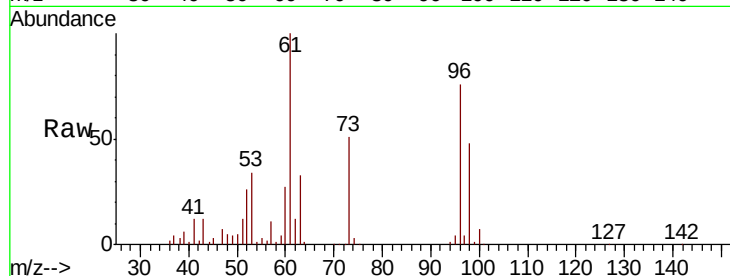
Tot Ion: 96 Resp: 94767

Ion Ratio Lower Upper

96 100

61 132.4 110.4 165.6

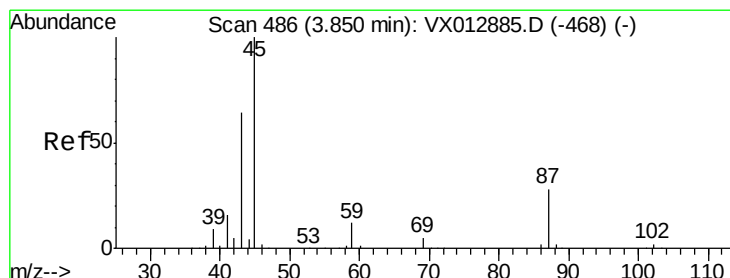
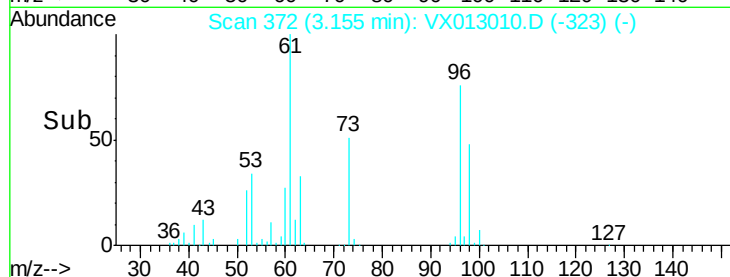
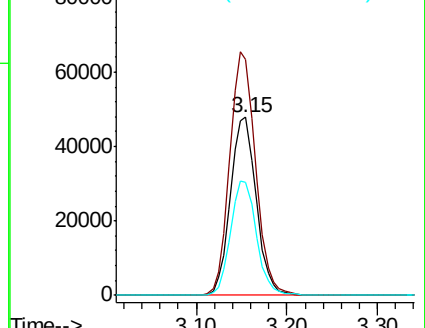
98 63.5 51.5 77.3



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: 51.213 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Tgt Ion: 45 Resp: 305159

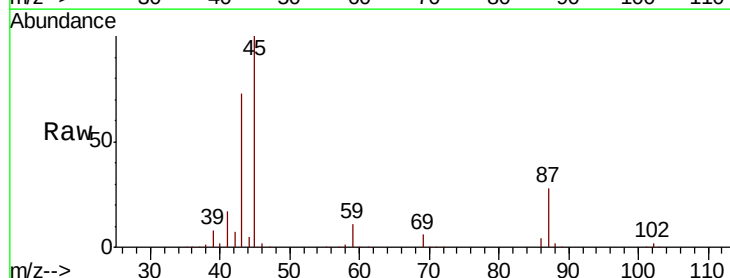
Ion Ratio Lower Upper

45 100

43 73.0 51.4 77.0

87 28.3 22.5 33.7

59 11.1 9.7 14.5

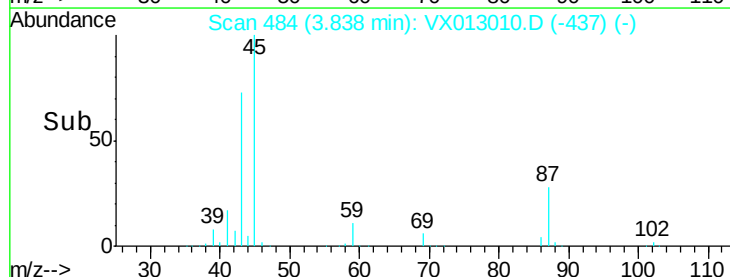
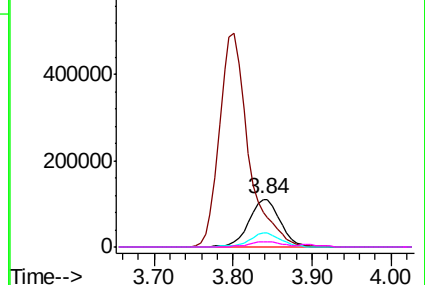


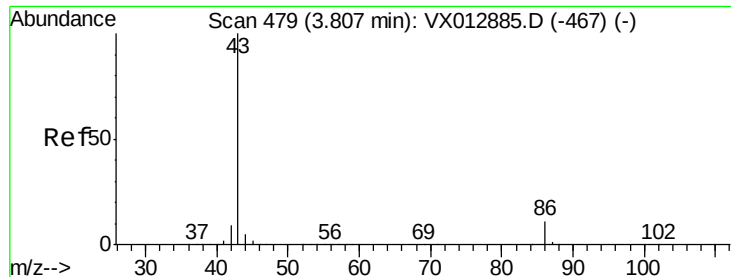
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 249.029 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

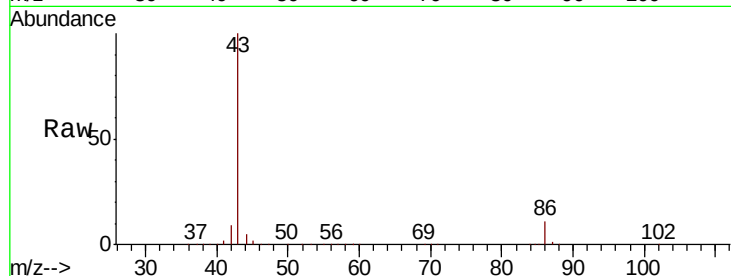
VSTDCCC050

Tot Ion: 43 Resp: 1280989

Ion Ratio Lower Upper

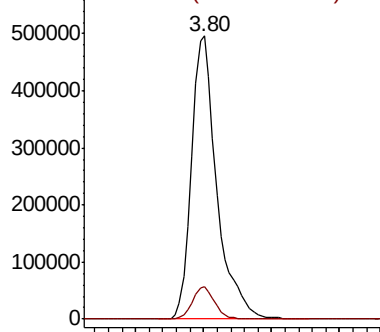
43 100

86 11.3 9.0 13.6

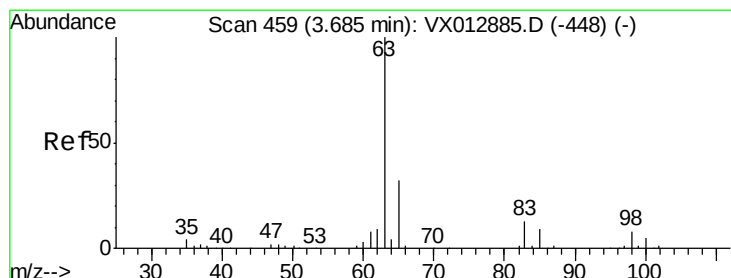
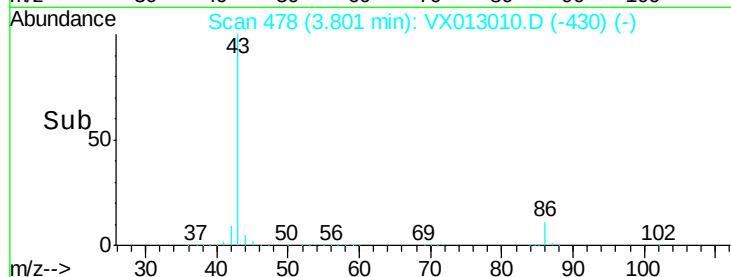


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 50.437 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

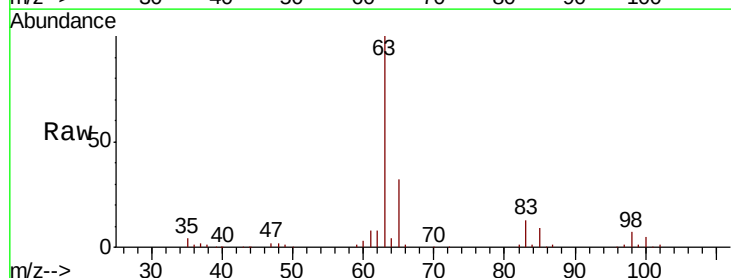
Tgt Ion: 63 Resp: 169073

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

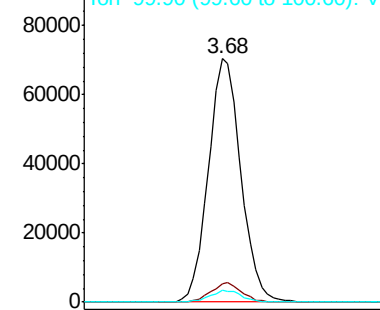
100 4.9 2.3 6.9



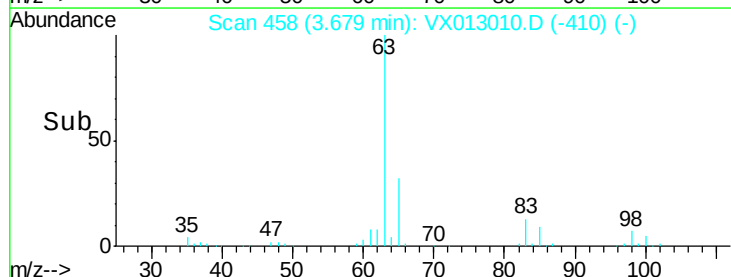
Abundance Ion 62.90 (62.60 to 63.60): VX0

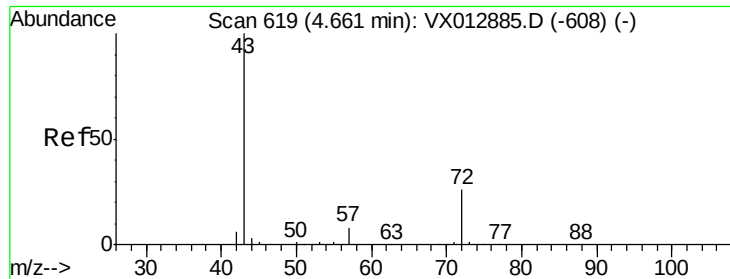
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 227.498 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

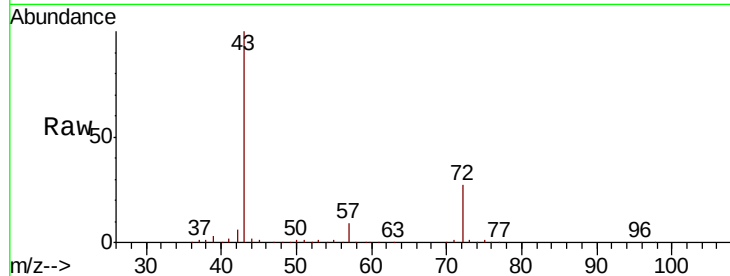
VSTDCCC050

Tot Ion: 43 Resp: 359291

Ion Ratio Lower Upper

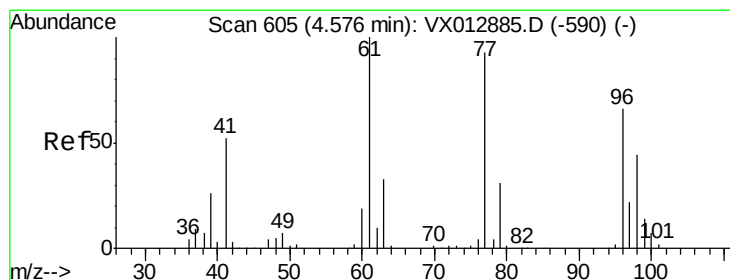
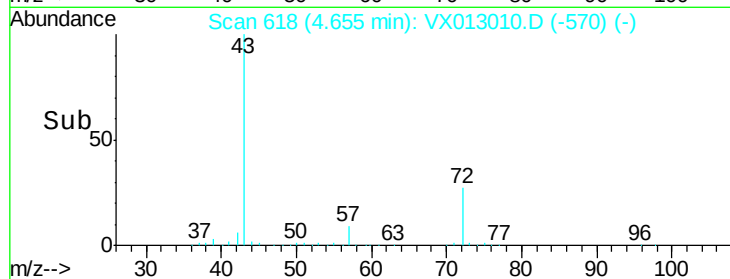
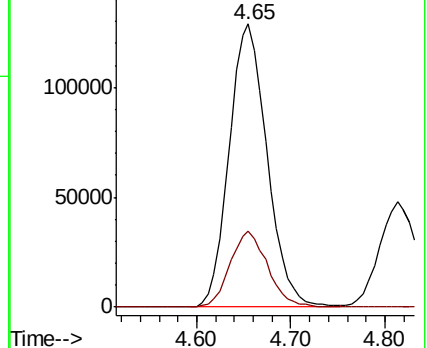
43 100

72 26.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.317 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013010.D

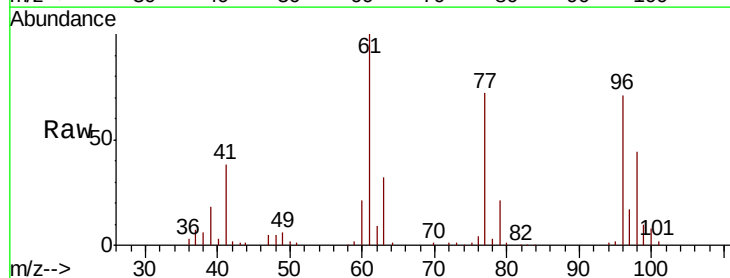
Acq: 11 Oct 2019 03:40

Tgt Ion: 77 Resp: 105191

Ion Ratio Lower Upper

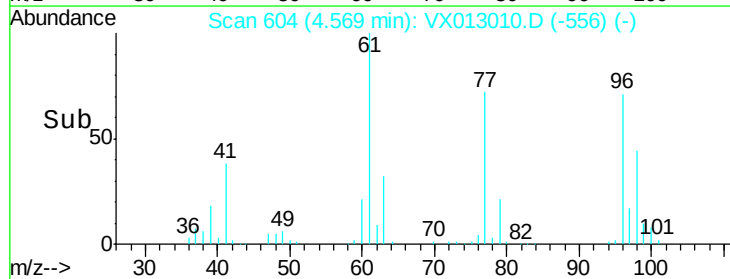
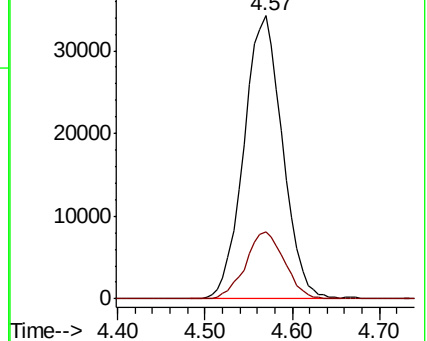
77 100

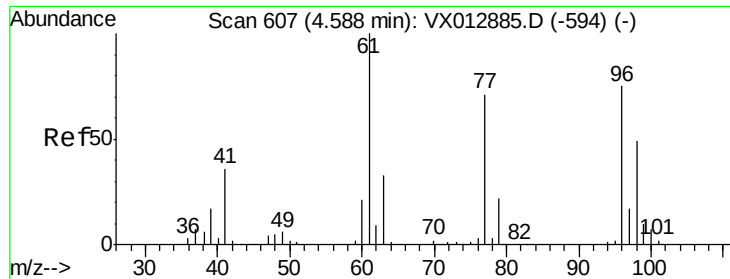
97 23.8 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



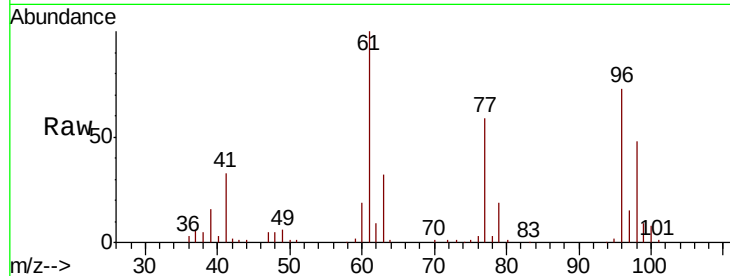


#27

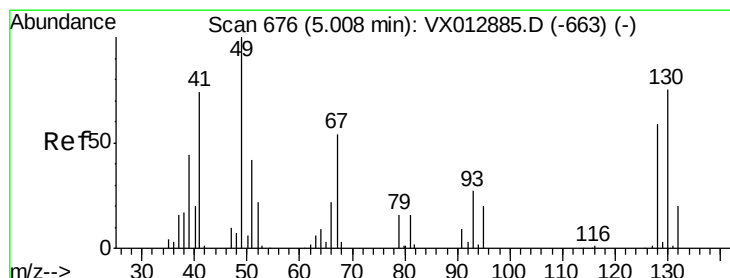
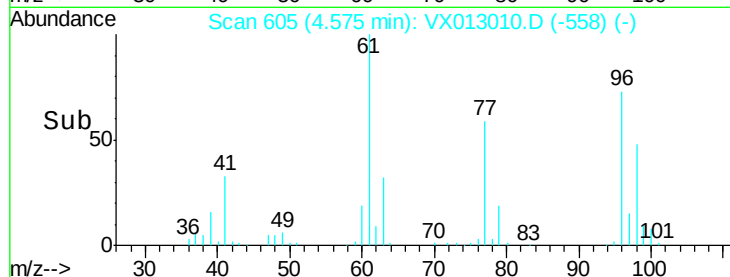
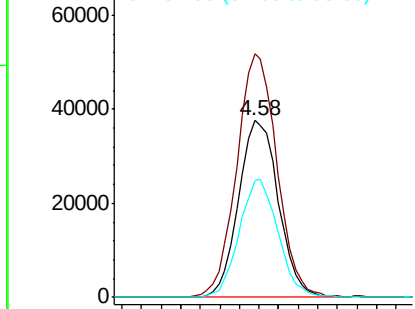
cis-1,2-Dichloroethene
Concen: 49.529 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 106849
Ion Ratio Lower Upper
96 100
61 139.1 0.0 290.6
98 64.9 0.0 128.8



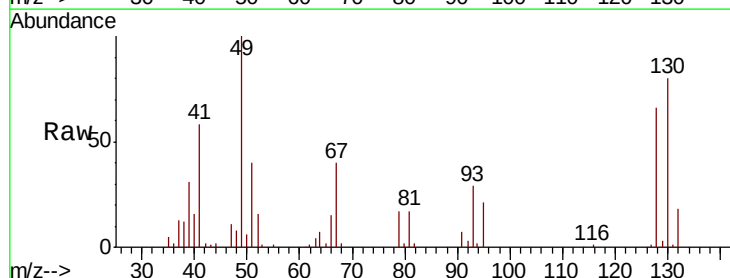
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



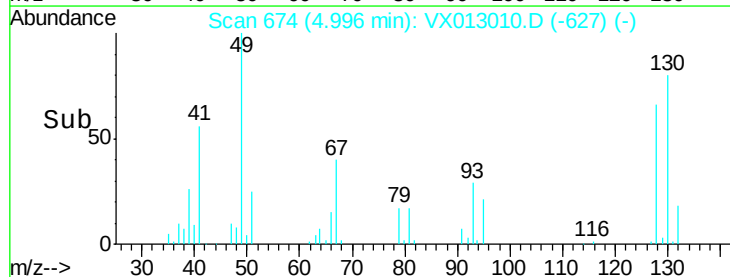
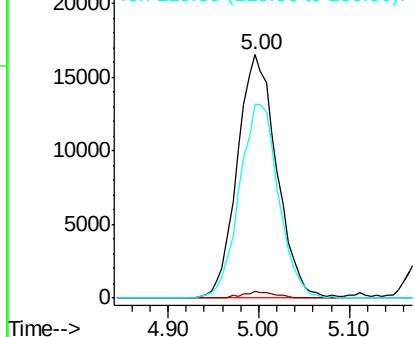
#28

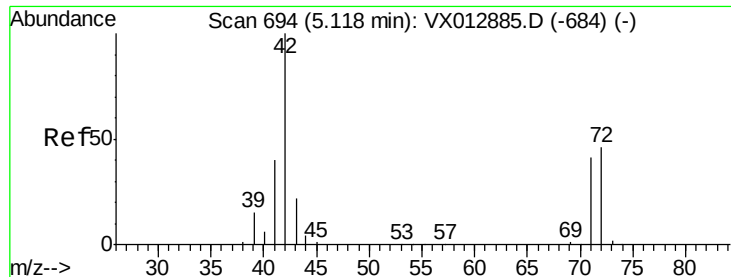
Bromochloromethane
Concen: 49.686 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion: 49 Resp: 49779
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 79.3 62.1 93.1



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

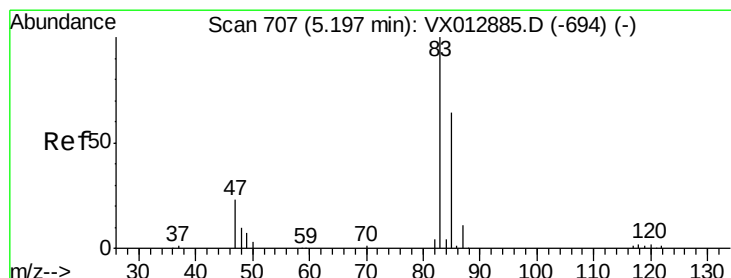
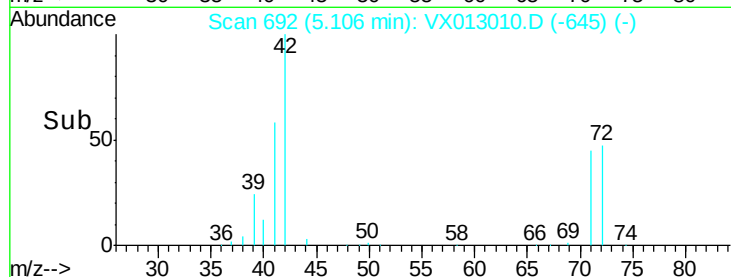
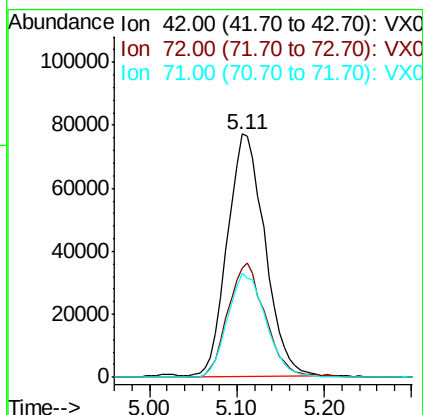
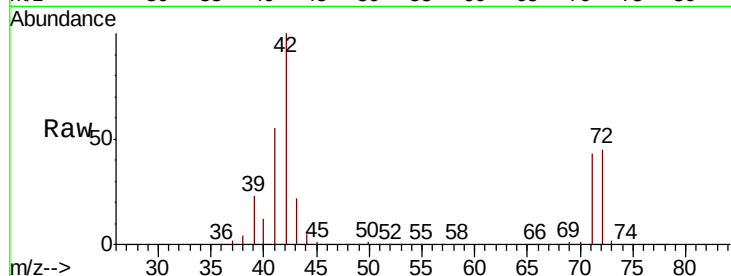




#29
Tetrahydrofuran
Concen: 237.959 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

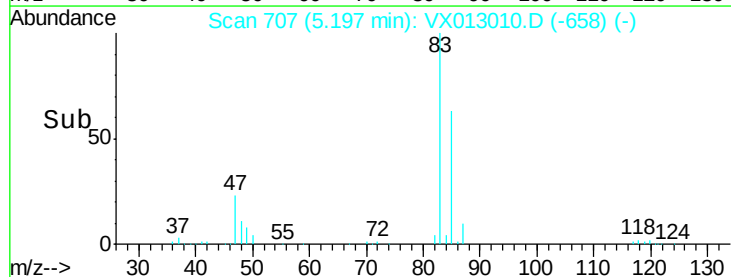
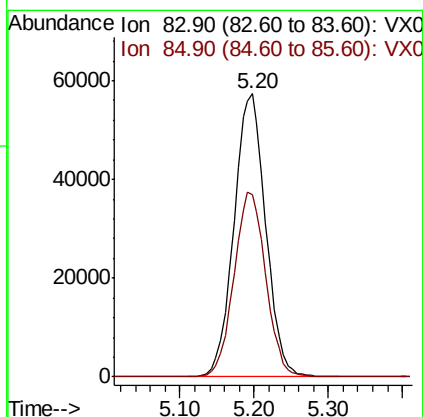
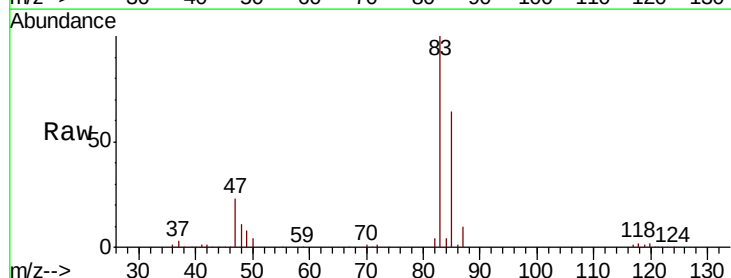
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

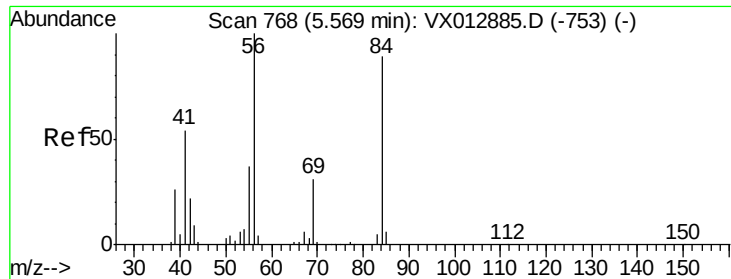
Tot Ion: 42 Resp: 231262
Ion Ratio Lower Upper
42 100
72 47.0 36.9 55.3
71 43.8 33.5 50.3



#30
Chloroform
Concen: 49.723 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion: 83 Resp: 171030
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3

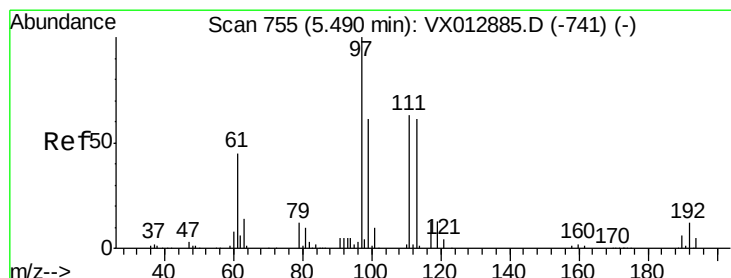
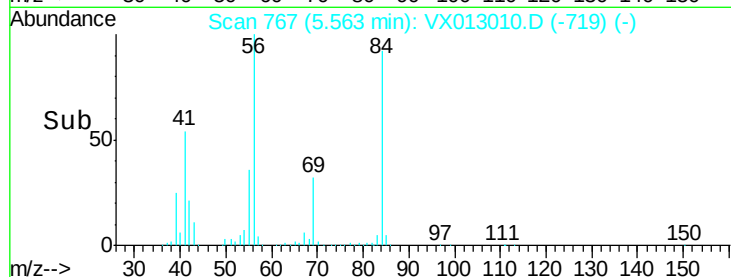
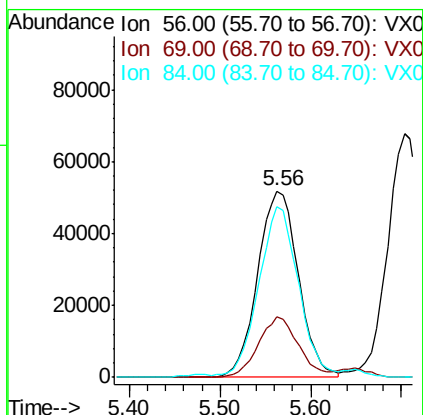
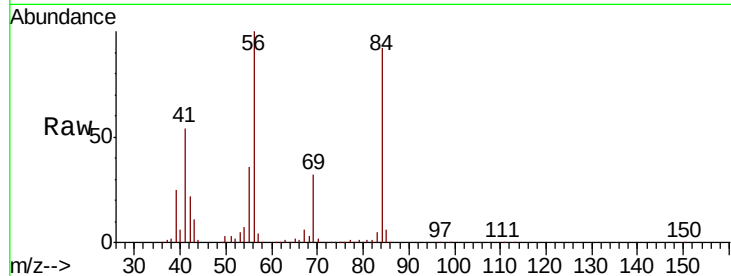




#31
Cyclohexane
Concen: 51.218 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

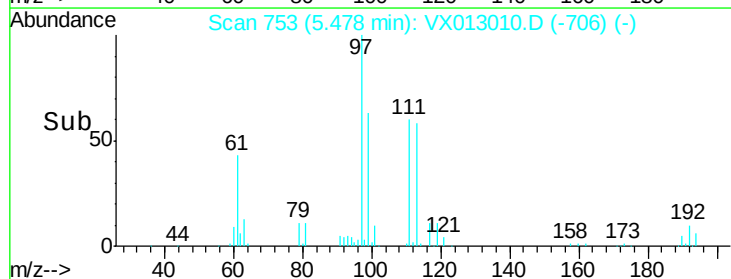
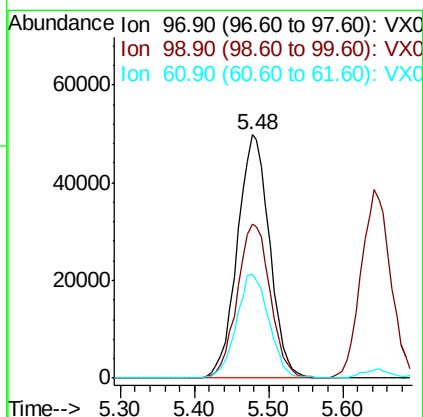
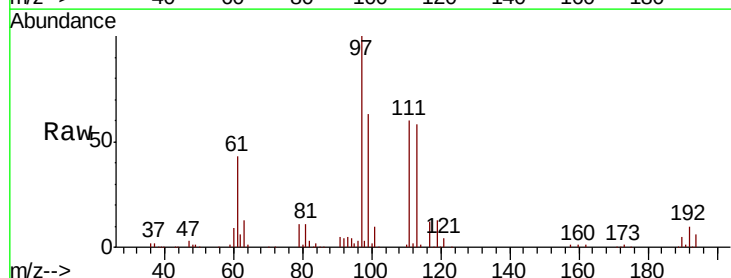
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

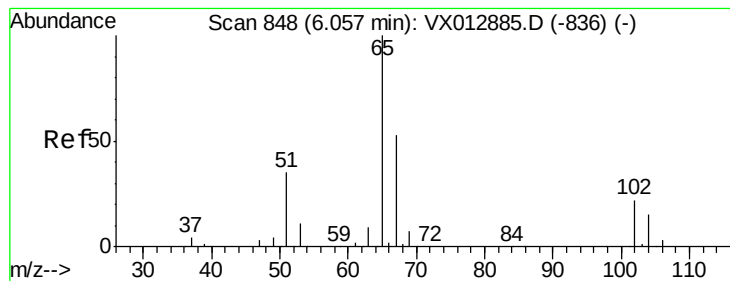
Tot Ion: 56 Resp: 160545
Ion Ratio Lower Upper
56 100
69 32.2 25.2 37.8
84 90.4 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 51.736 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion: 97 Resp: 150781
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 43.3 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 49.476 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

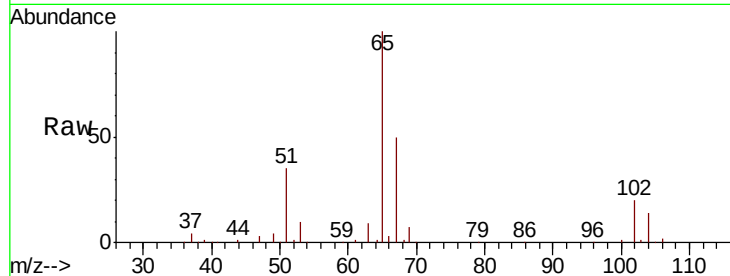
VSTDCCC050

Tot Ion: 65 Resp: 106851

Ion Ratio Lower Upper

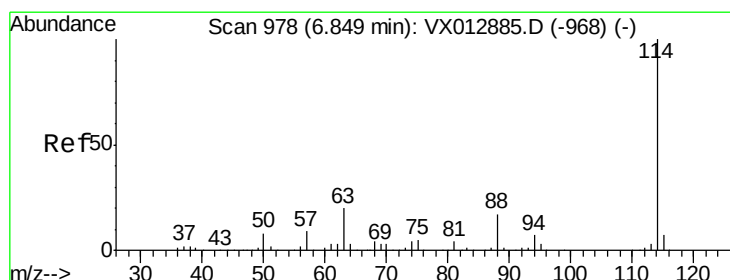
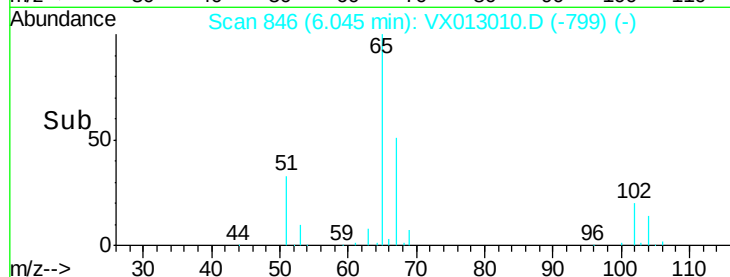
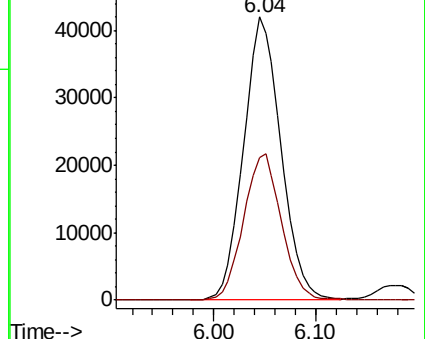
65 100

67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

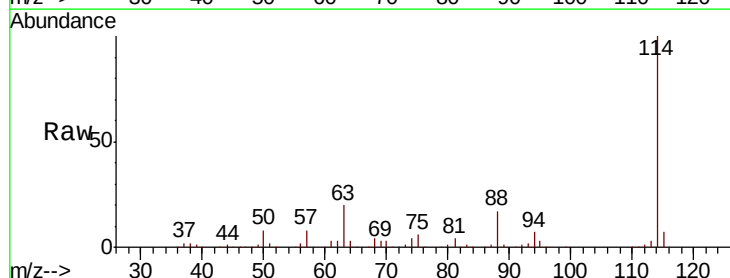
Tgt Ion: 114 Resp: 288339

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

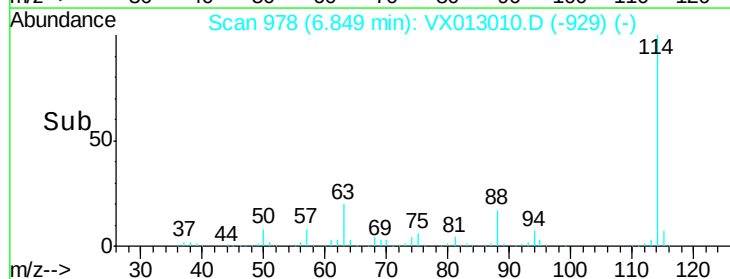
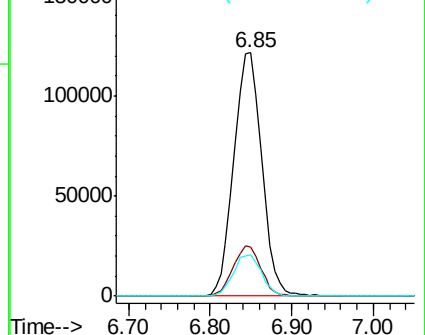
88 17.0 0.0 33.8

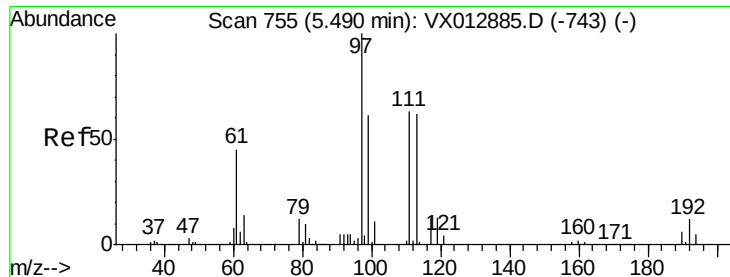


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.307 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

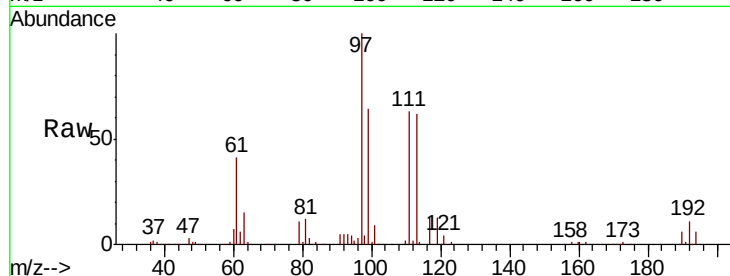
Tot Ion:113 Resp: 84908

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

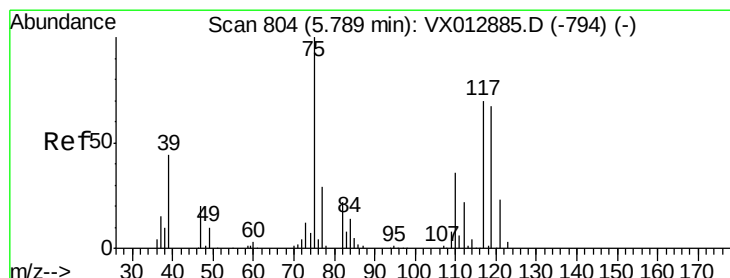
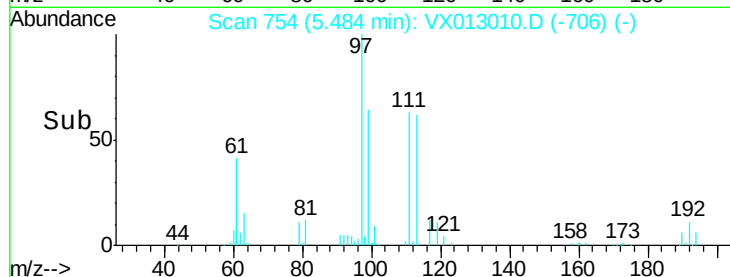
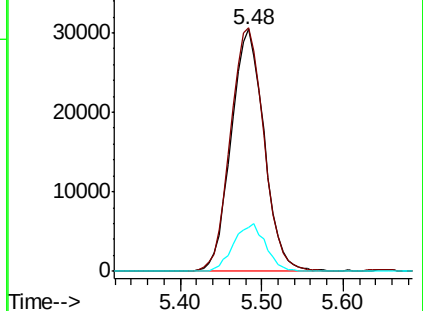
192 19.2 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.468 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

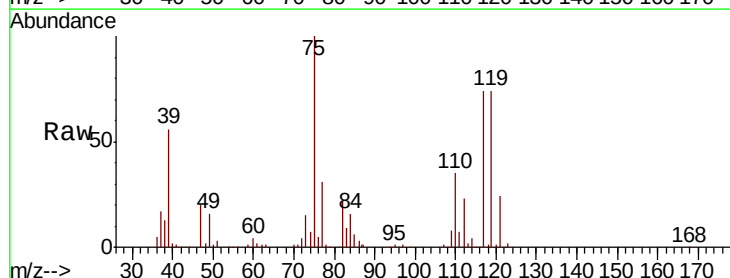
Tgt Ion: 75 Resp: 130476

Ion Ratio Lower Upper

75 100

110 35.7 17.6 52.9

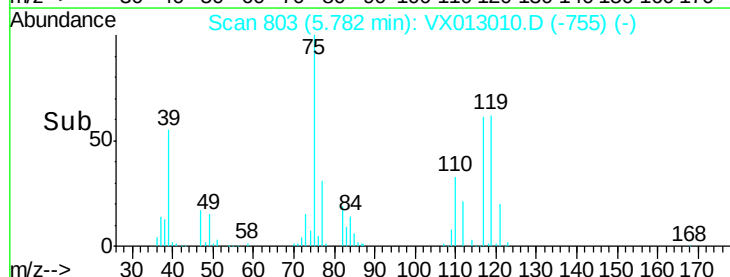
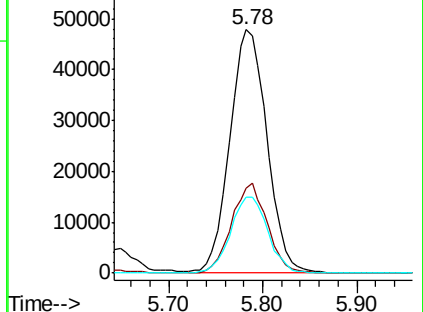
77 31.8 24.4 36.6

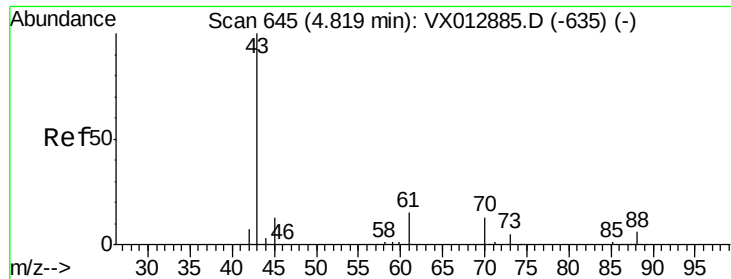


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

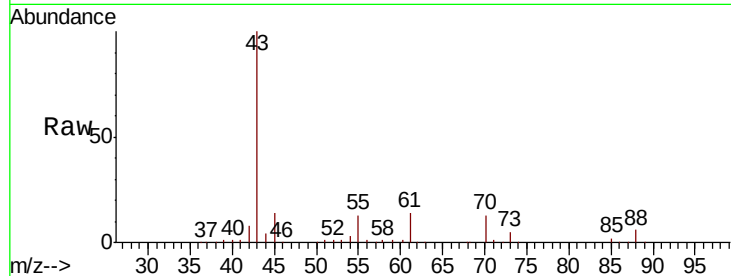




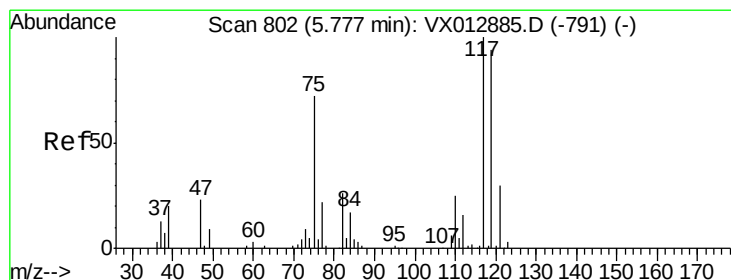
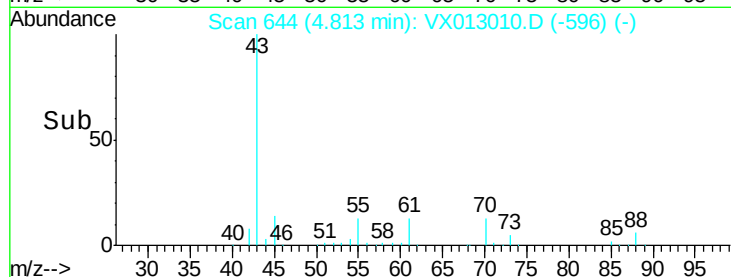
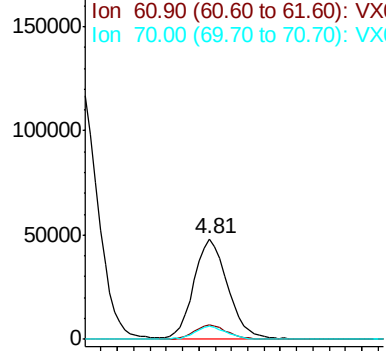
#37
Ethyl Acetate
Concen: 48.610 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 137797
Ion Ratio Lower Upper
43 100
61 14.3 11.4 17.0
70 12.5 9.8 14.6

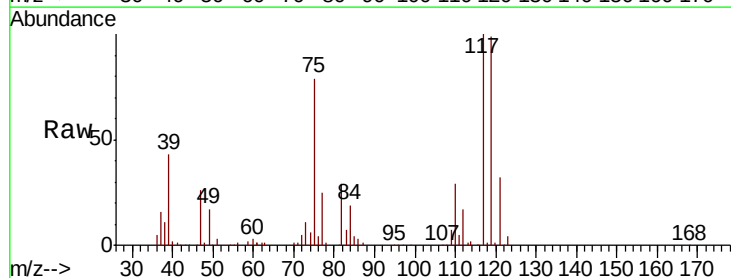


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

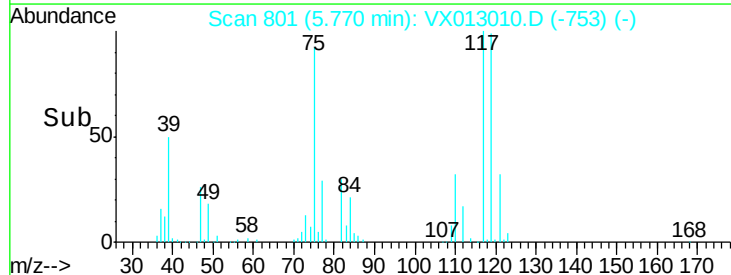
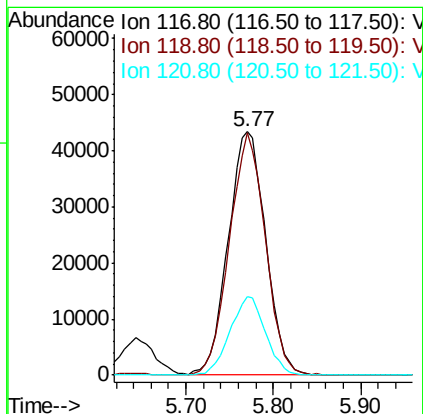


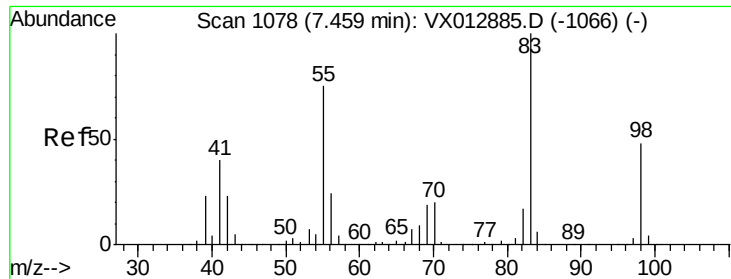
#38
Carbon Tetrachloride
Concen: 52.317 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion: 117 Resp: 129093
Ion Ratio Lower Upper
117 100
119 99.2 74.5 111.7
121 32.4 24.2 36.4



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

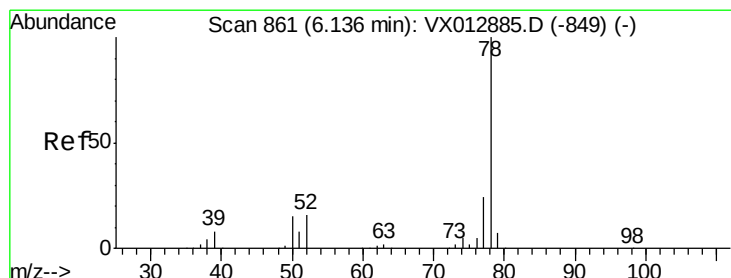
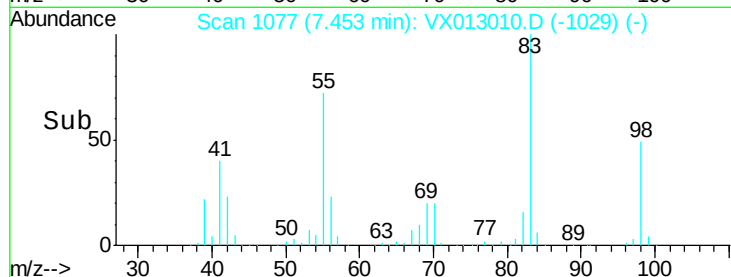
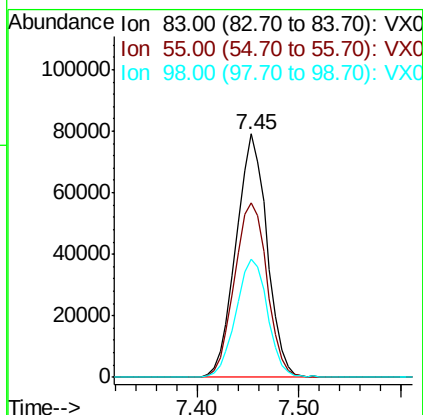
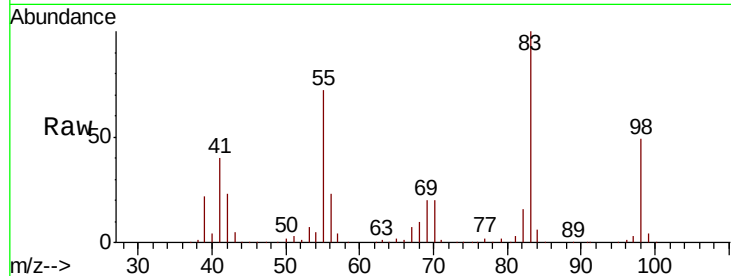




#39
Methylvlcyclohexane
Concen: 54.294 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

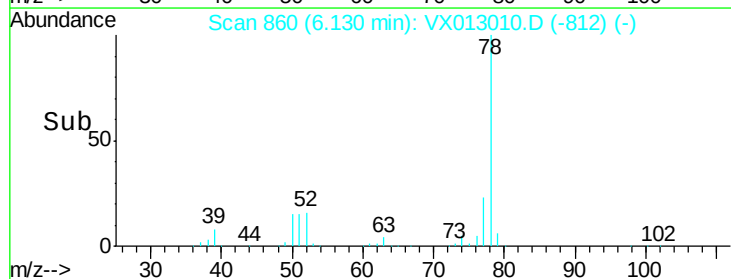
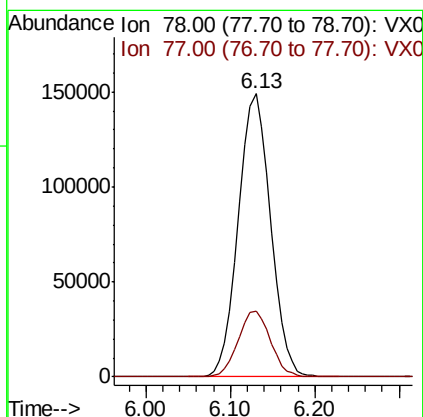
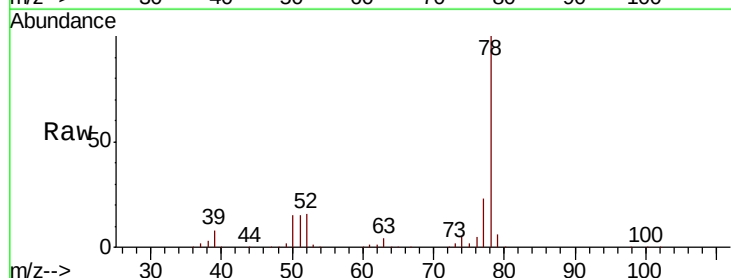
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

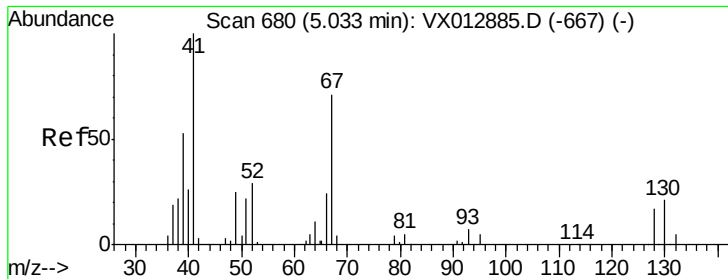
Tot Ion: 83 Resp: 166921
Ion Ratio Lower Upper
83 100
55 71.9 60.2 90.4
98 48.8 38.5 57.7



#40
Benzene
Concen: 51.692 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion: 78 Resp: 387044
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41

Methacrylonitrile

Concen: 48.984 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 76300

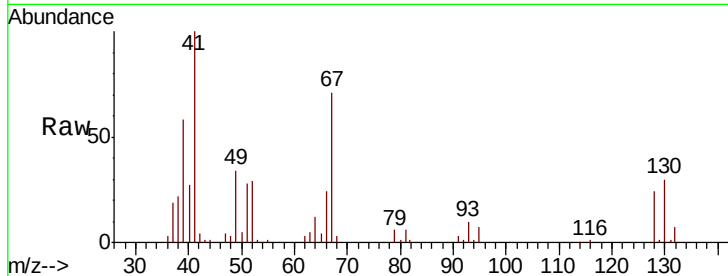
Ion Ratio Lower Upper

41 100

39 54.5 44.0 66.0

67 74.9 58.5 87.7

52 30.1 23.8 35.8

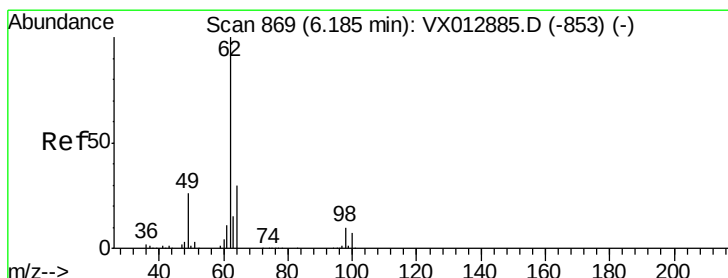
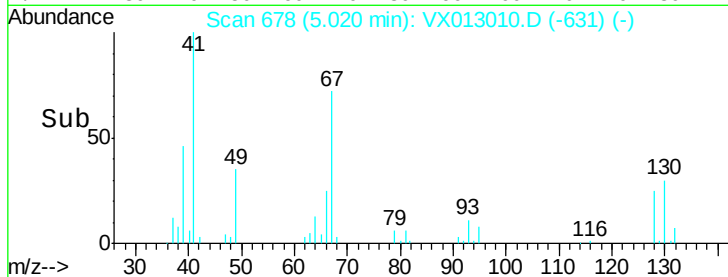
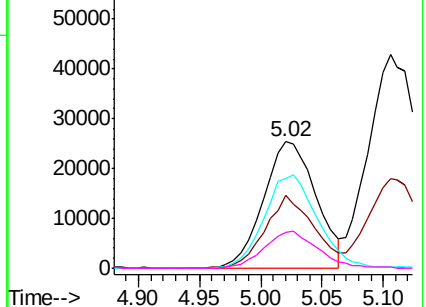


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.306 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013010.D

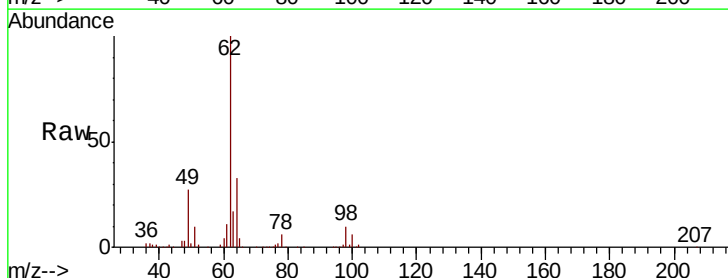
Acq: 11 Oct 2019 03:40

Tgt Ion: 62 Resp: 137844

Ion Ratio Lower Upper

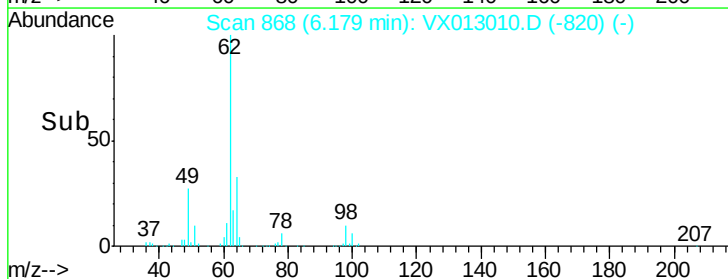
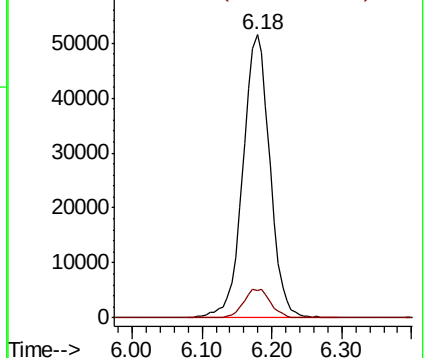
62 100

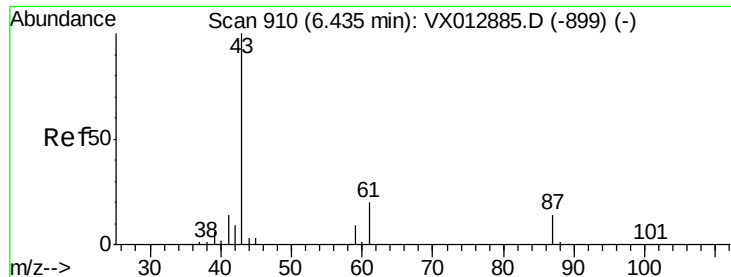
98 10.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.774 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

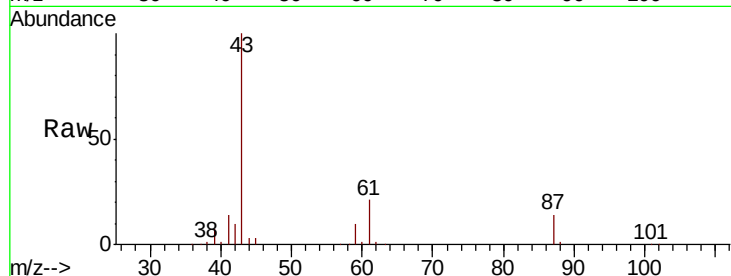
Tot Ion: 43 Resp: 226461

Ion Ratio Lower Upper

43 100

61 20.9 16.6 24.8

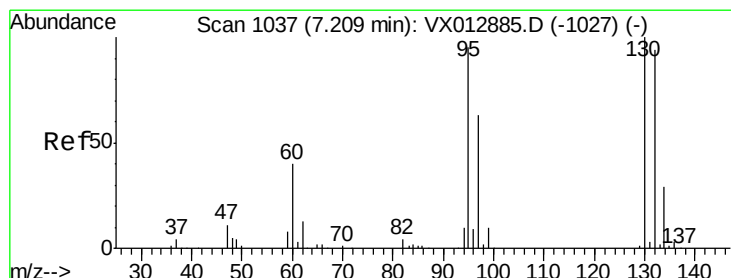
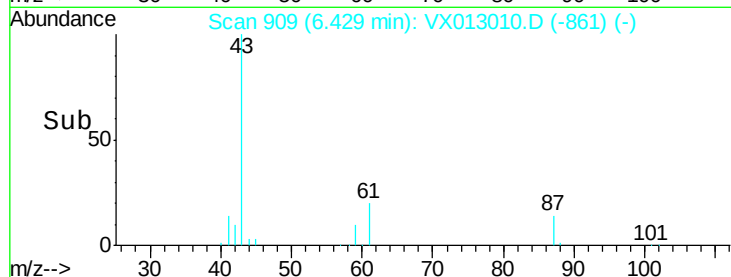
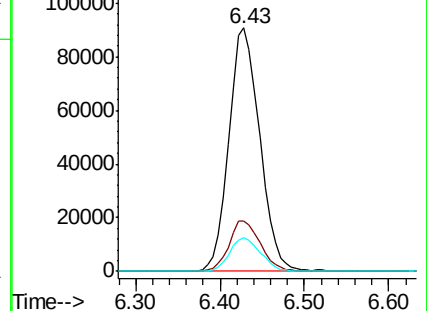
87 14.0 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.015 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013010.D

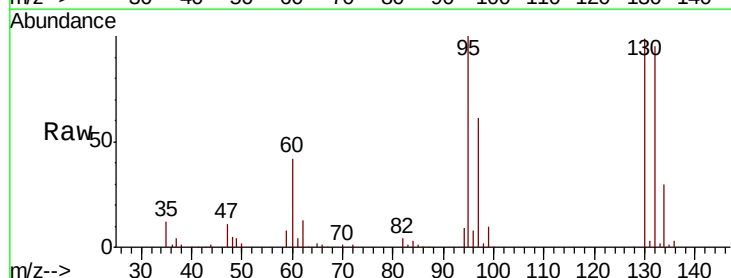
Acq: 11 Oct 2019 03:40

Tgt Ion:130 Resp: 103845

Ion Ratio Lower Upper

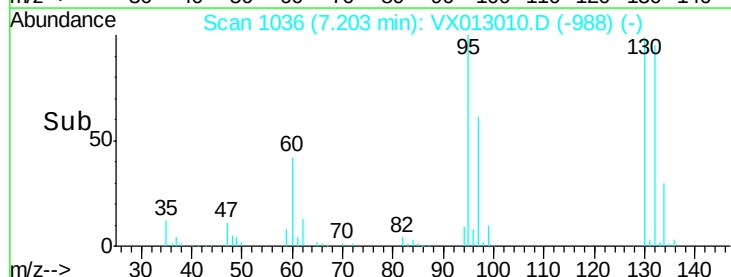
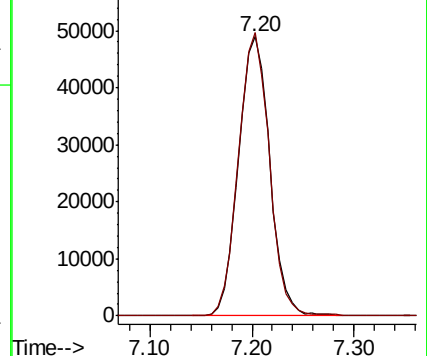
130 100

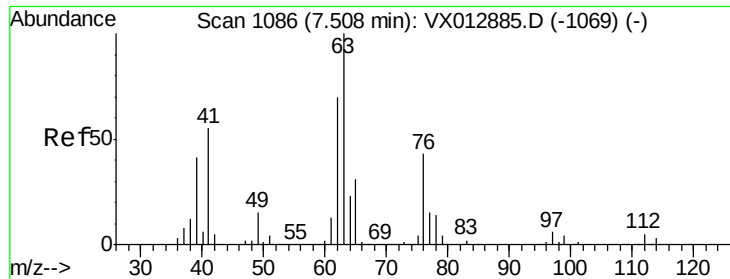
95 101.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

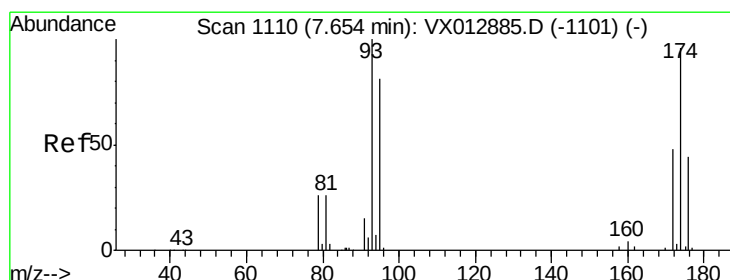
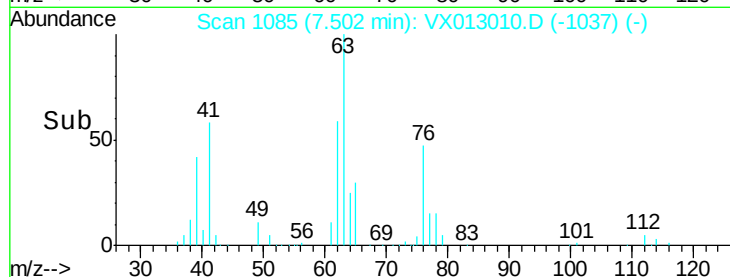
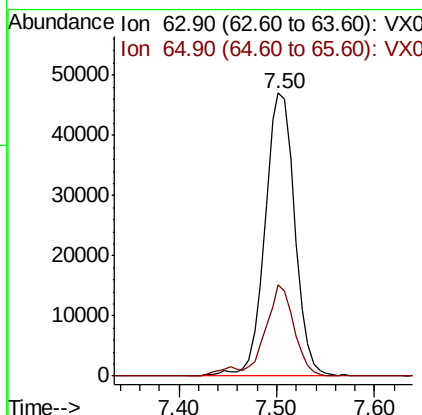
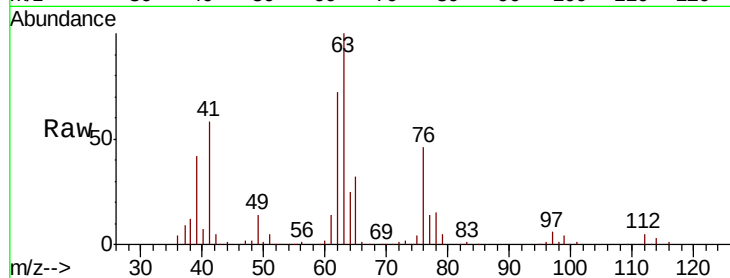




#45
 1,2-Dichloropropane
 Concen: 52.218 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

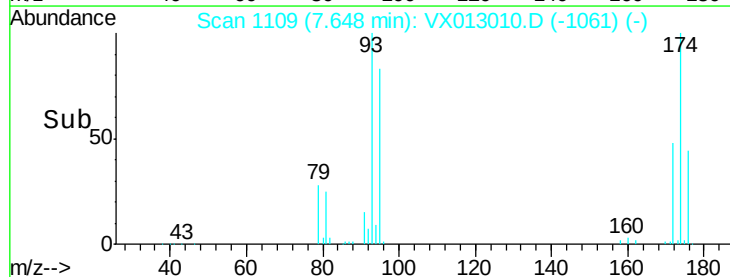
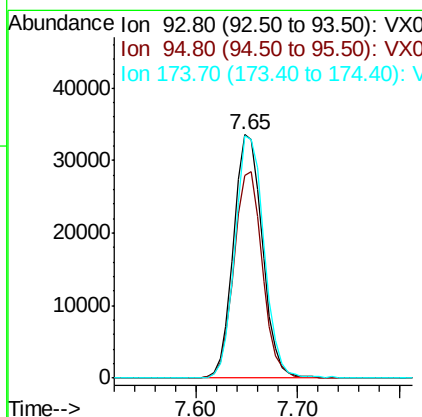
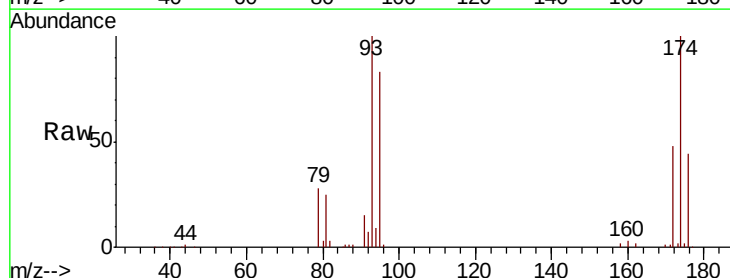
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

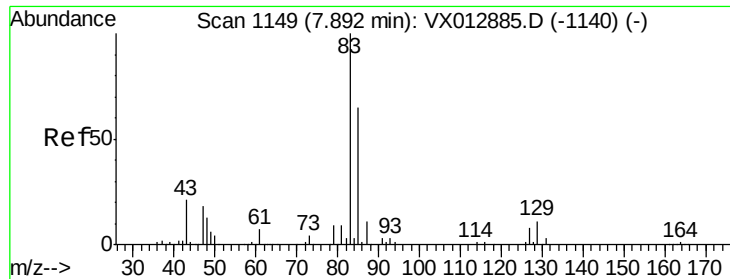
Tot Ion: 63 Resp: 99647
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.6 37.0



#46
 Dibromomethane
 Concen: 51.804 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion: 93 Resp: 65865
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.3 99.5
 174 99.9 77.8 116.6





#47

Bromodichloromethane

Concen: 53.306 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

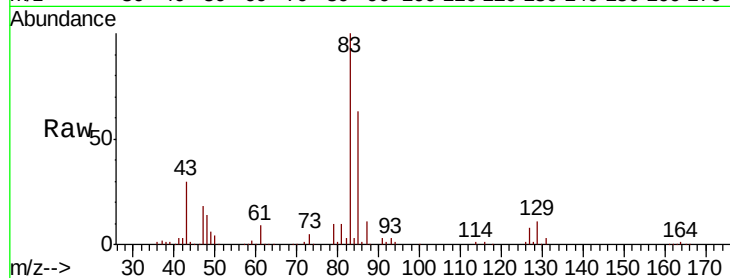
Tot Ion: 83 Resp: 132262

Ion Ratio Lower Upper

83 100

85 63.4 52.4 78.6

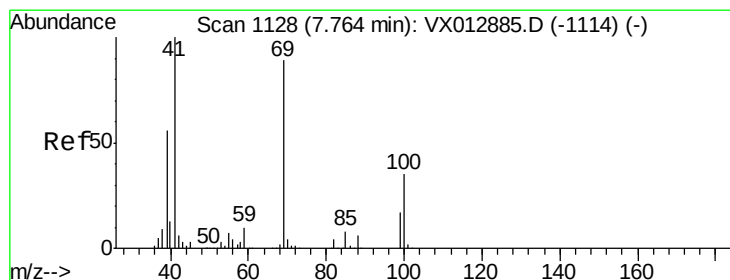
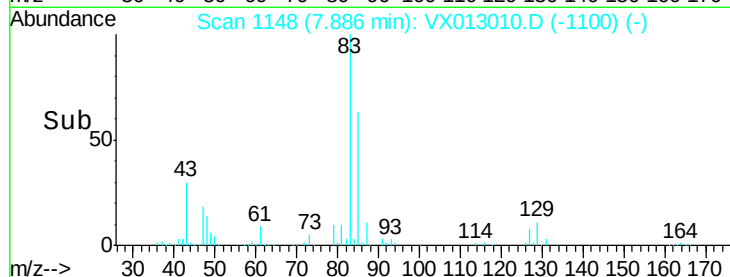
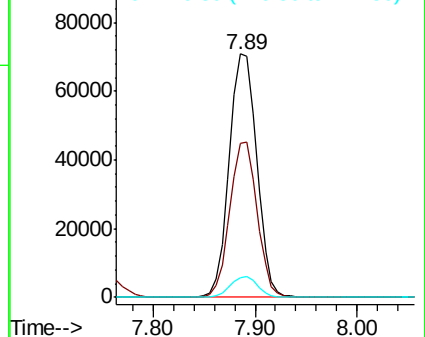
127 8.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.843 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

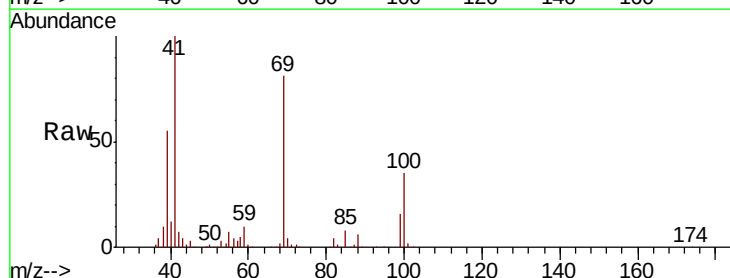
Tgt Ion: 41 Resp: 110510

Ion Ratio Lower Upper

41 100

69 85.3 68.7 103.1

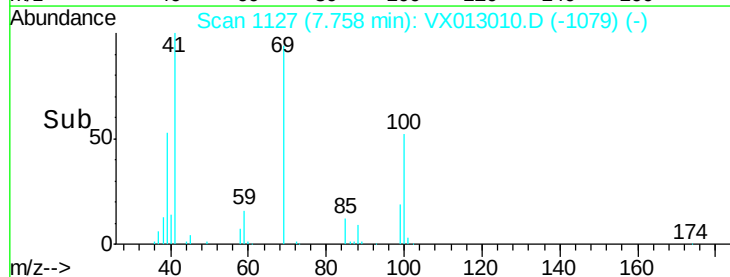
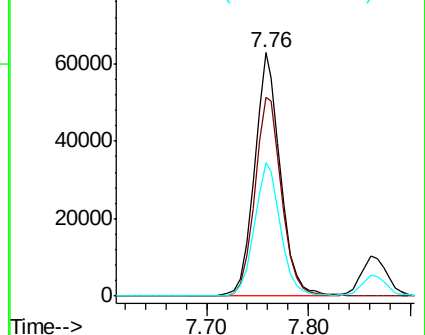
39 55.9 44.3 66.5

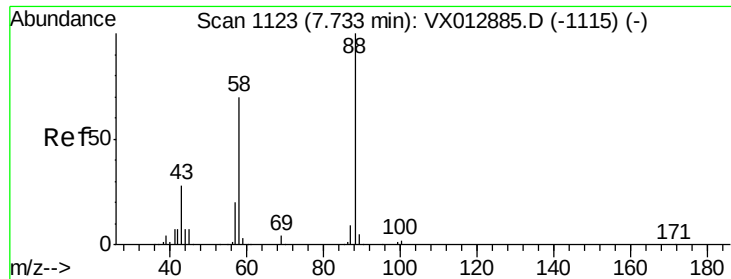


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

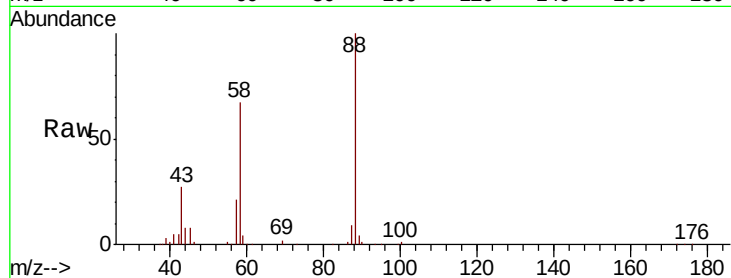




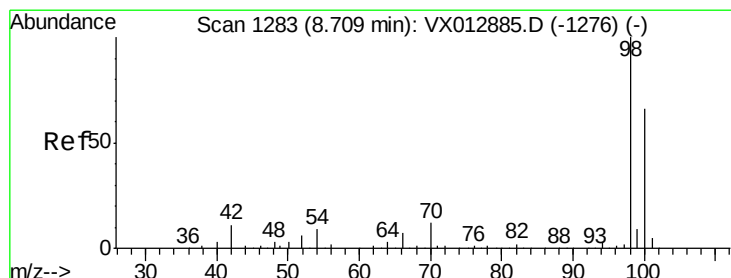
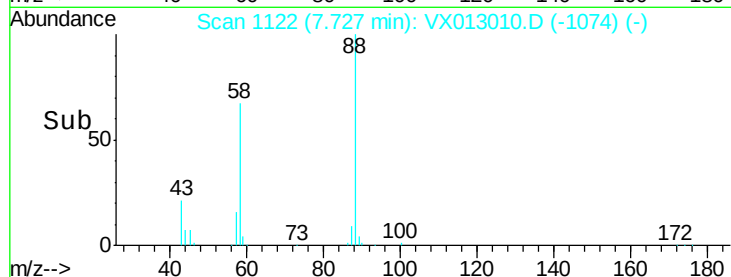
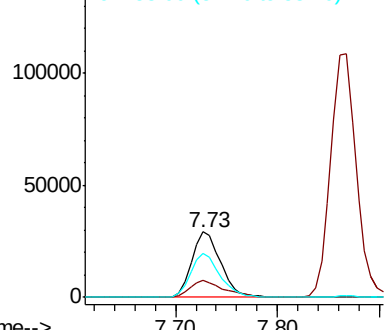
#49
1,4-Dioxane
Concen: 965.876 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 57395
Ion Ratio Lower Upper
88 100
43 31.1 25.0 37.6
58 69.4 55.4 83.2

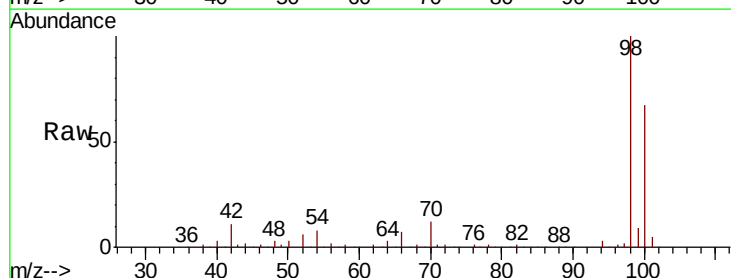


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

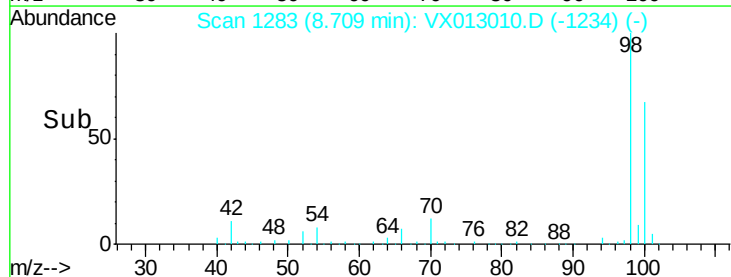
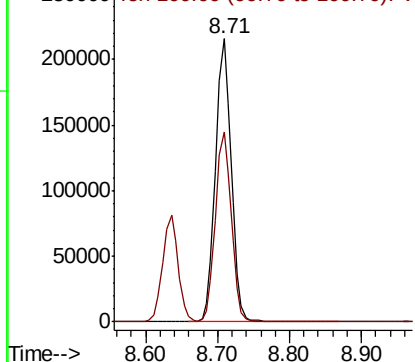


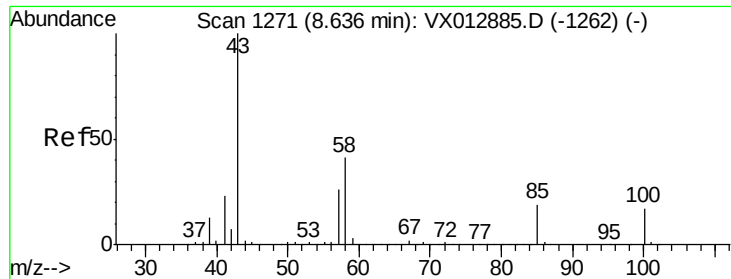
#50
Toluene-d8
Concen: 50.769 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion: 98 Resp: 327692
Ion Ratio Lower Upper
98 100
100 68.1 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 249.056 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

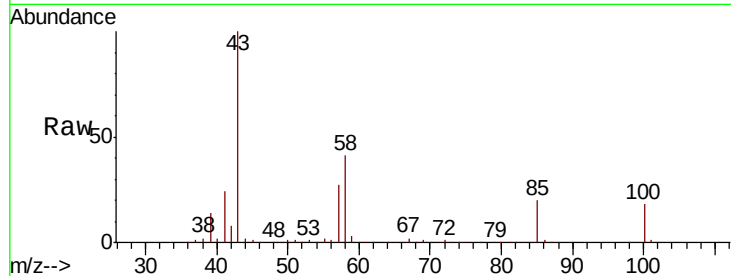
VSTDCCC050

Tot Ion: 43 Resp: 706499

Ion Ratio Lower Upper

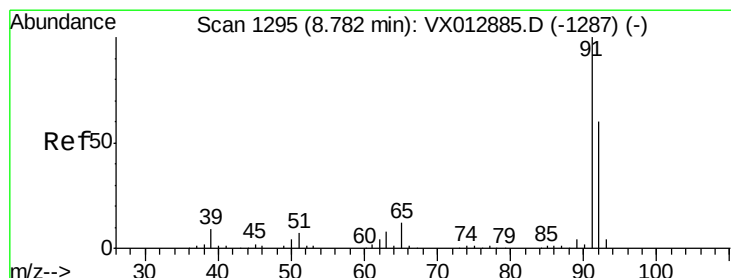
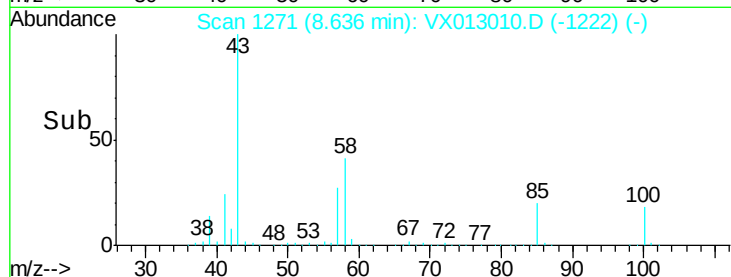
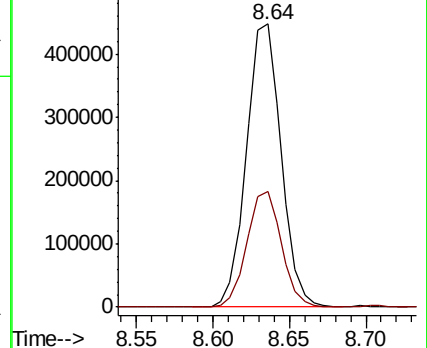
43 100

58 40.5 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.860 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013010.D

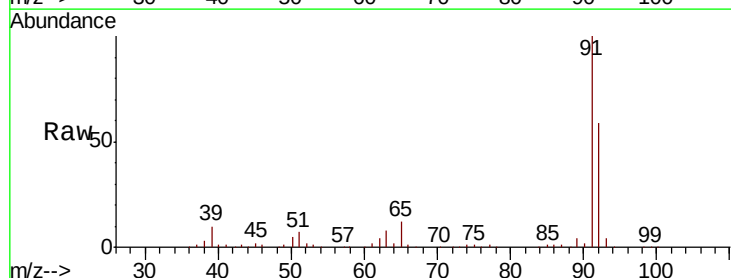
Acq: 11 Oct 2019 03:40

Tgt Ion: 92 Resp: 248417

Ion Ratio Lower Upper

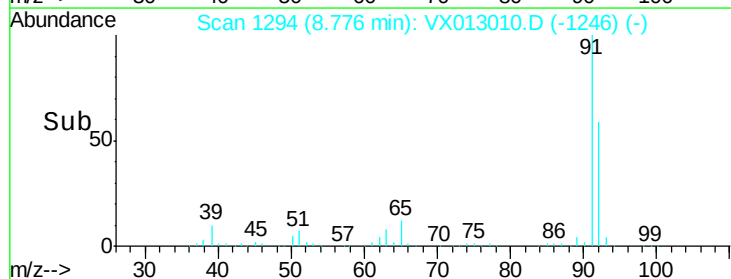
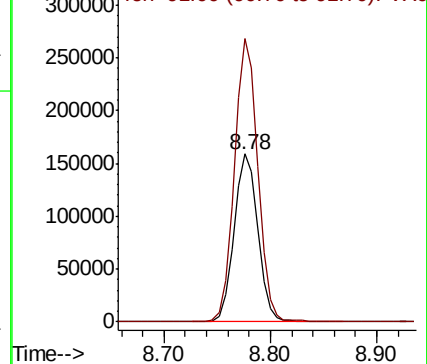
92 100

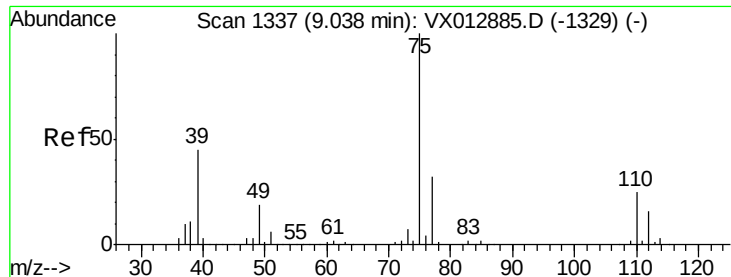
91 167.2 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

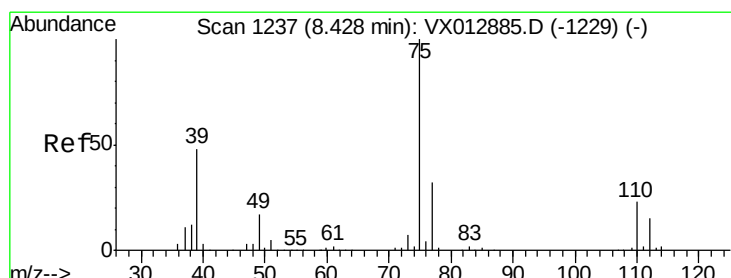
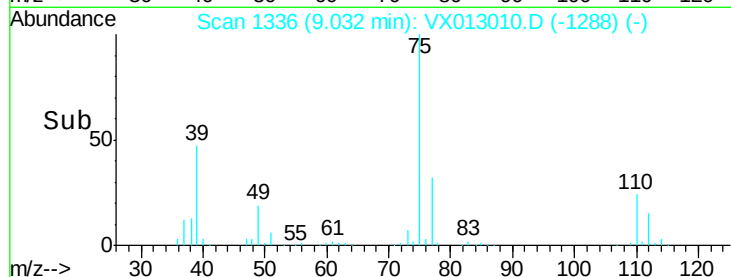
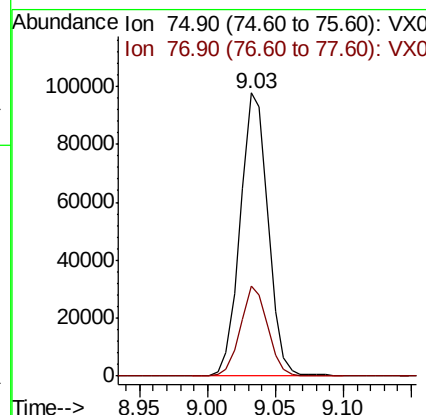
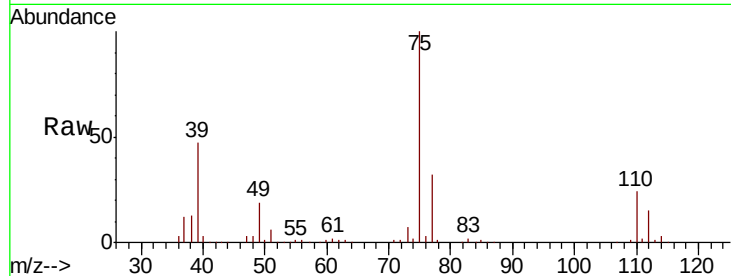




#53
 t-1,3-Dichloropropene
 Concen: 45.267 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

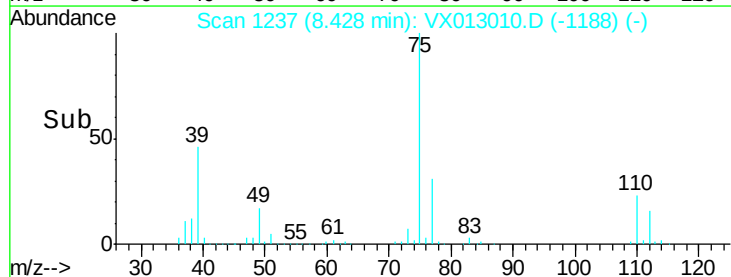
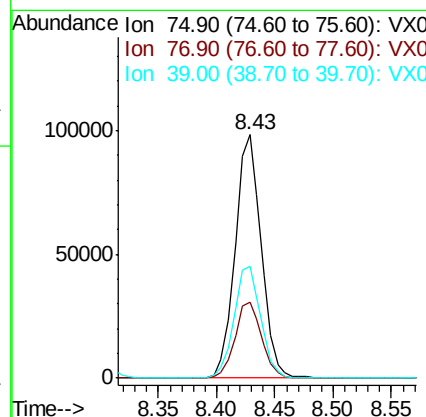
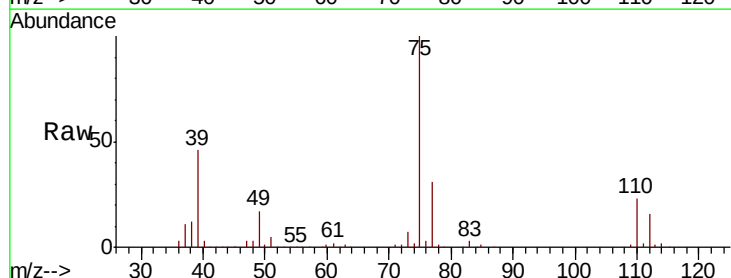
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

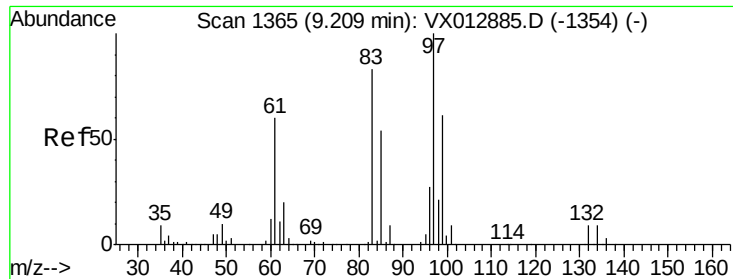
Tot Ion: 75 Resp: 139503
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.137 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion: 75 Resp: 153000
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 46.0 38.2 57.2

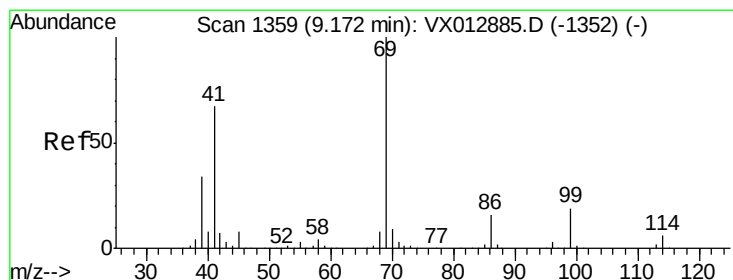
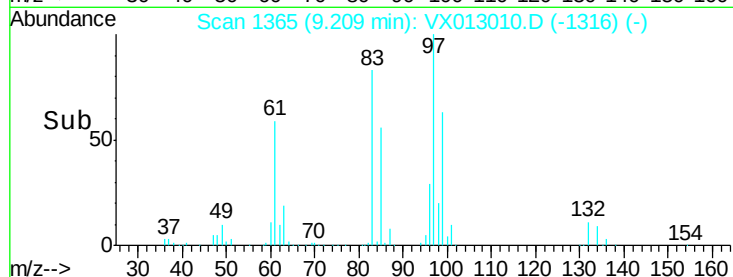
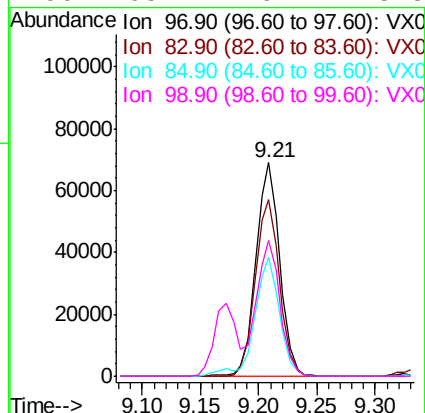
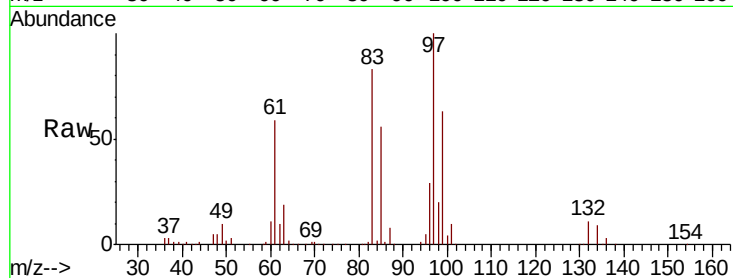




#55
 1,1,2-Trichloroethane
 Concen: 51.895 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

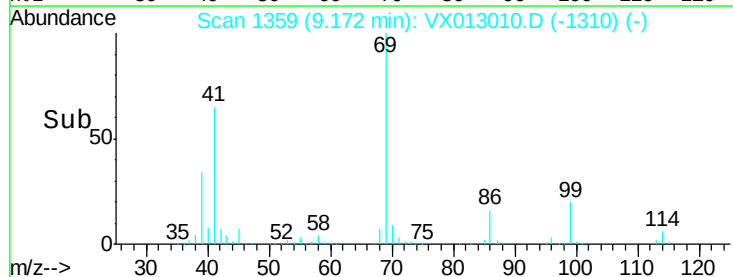
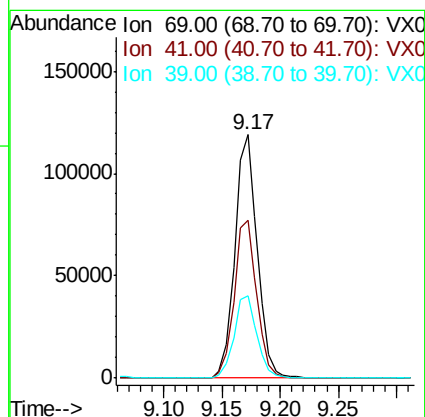
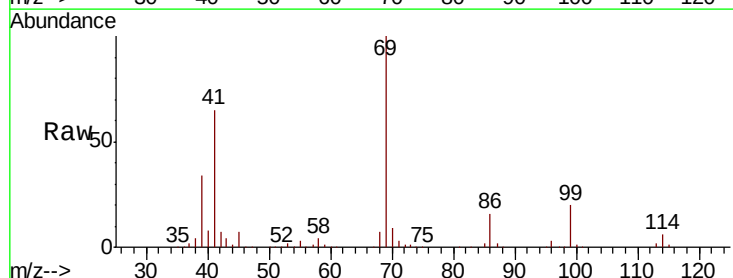
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

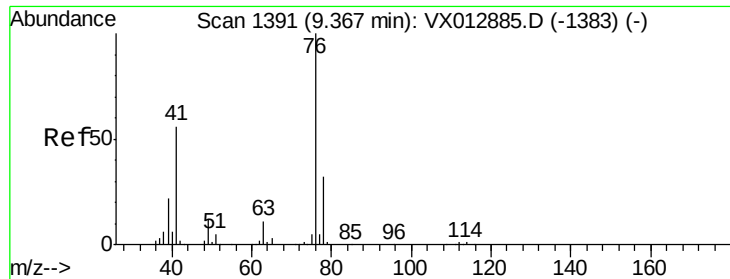
Tot Ion: 97 Resp: 98376
 Ion Ratio Lower Upper
 97 100
 83 82.8 66.5 99.7
 85 55.5 43.1 64.7
 99 63.4 49.2 73.8



#56
 Ethyl methacrylate
 Concen: 46.965 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion: 69 Resp: 159034
 Ion Ratio Lower Upper
 69 100
 41 65.3 52.1 78.1
 39 34.6 27.8 41.8





#57

1,3-Dichloropropane

Concen: 51.491 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

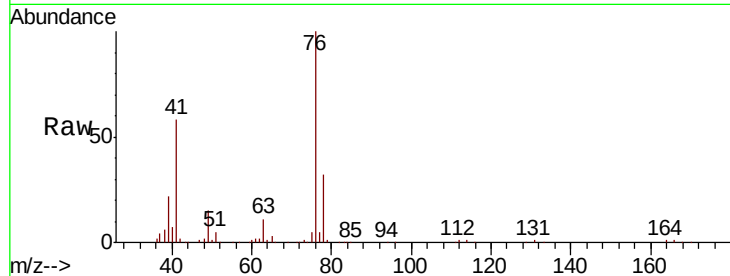
VSTDCCC050

Tot Ion: 76 Resp: 168847

Ion Ratio Lower Upper

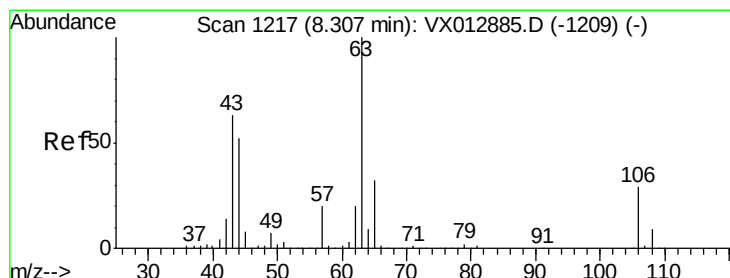
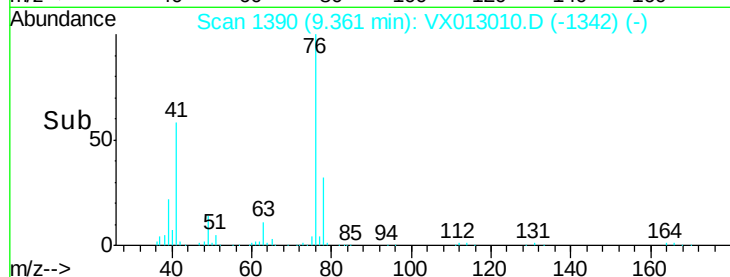
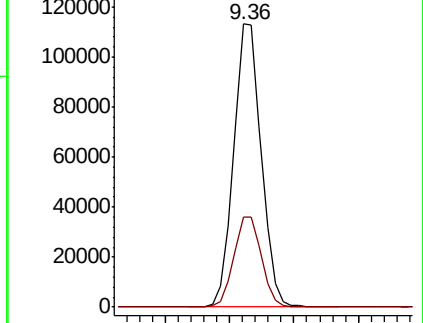
76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 262.040 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013010.D

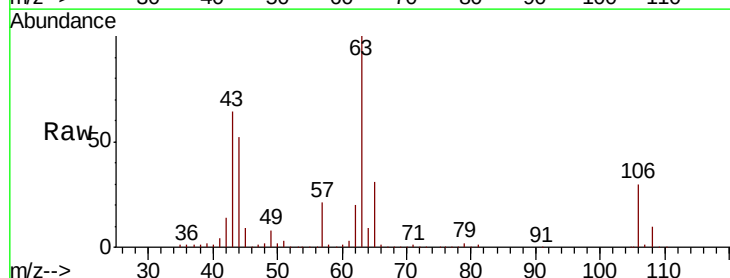
Acq: 11 Oct 2019 03:40

Tgt Ion: 63 Resp: 364915

Ion Ratio Lower Upper

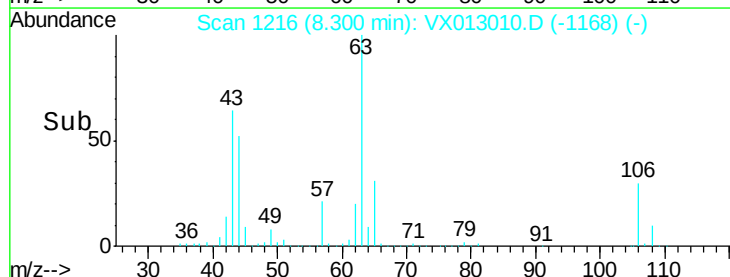
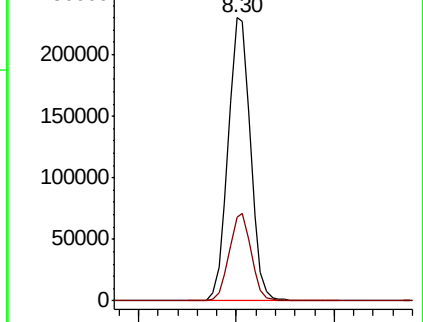
63 100

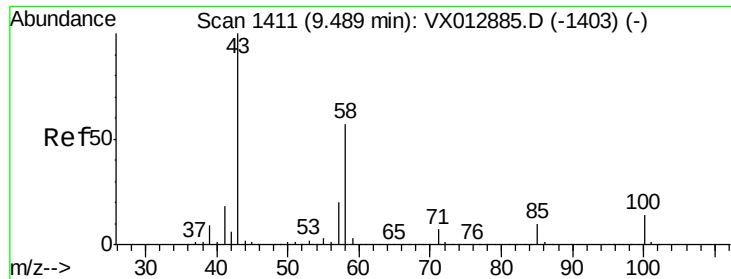
106 30.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

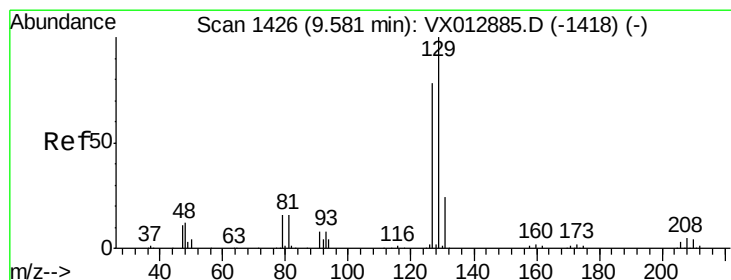
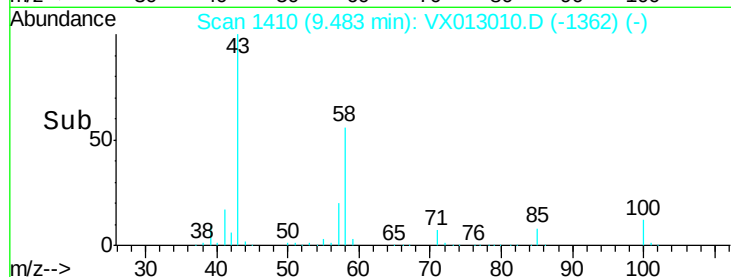
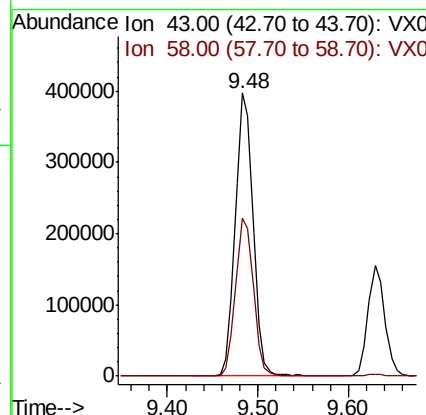
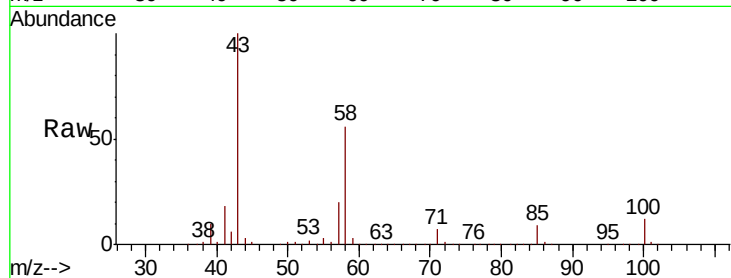




#59
2-Hexanone
Concen: 245.613 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

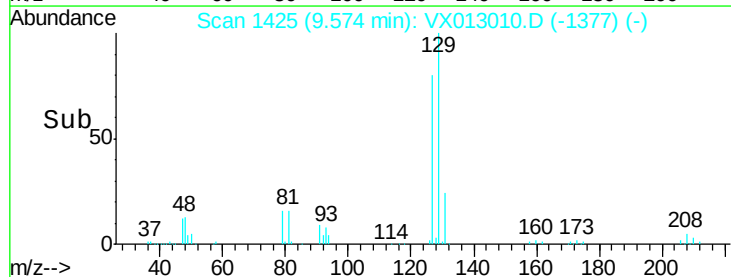
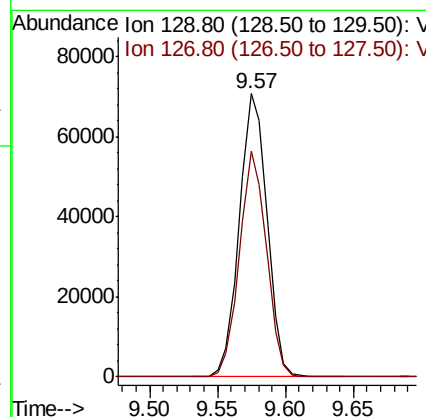
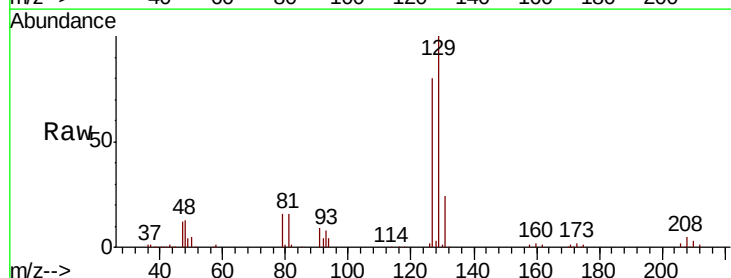
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

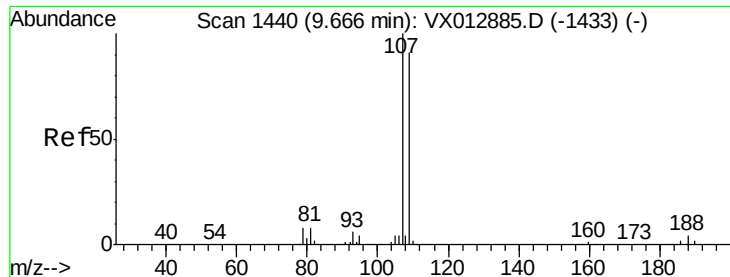
Tot Ion: 43 Resp: 542362
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 47.875 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion: 129 Resp: 100821
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.215 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

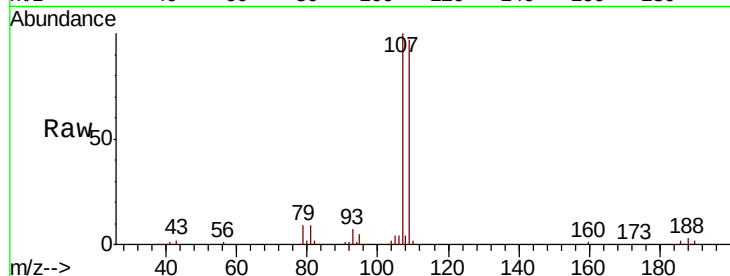
VSTDCCC050

Tot Ion: 107 Resp: 104125

Ion Ratio Lower Upper

107 100

109 94.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

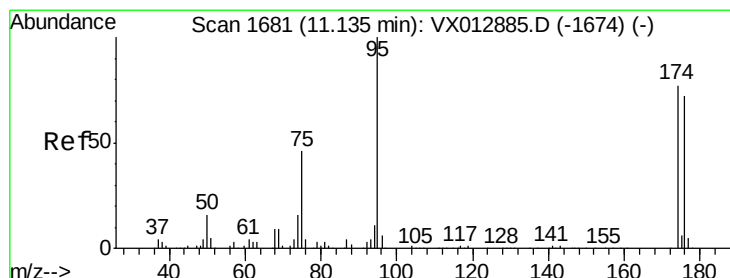
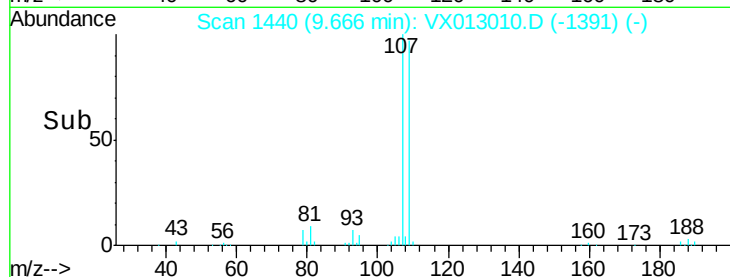
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 51.938 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

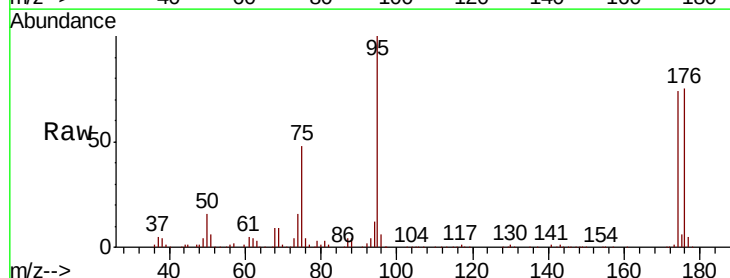
Tgt Ion: 95 Resp: 130260

Ion Ratio Lower Upper

95 100

174 70.1 0.0 143.4

176 69.9 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

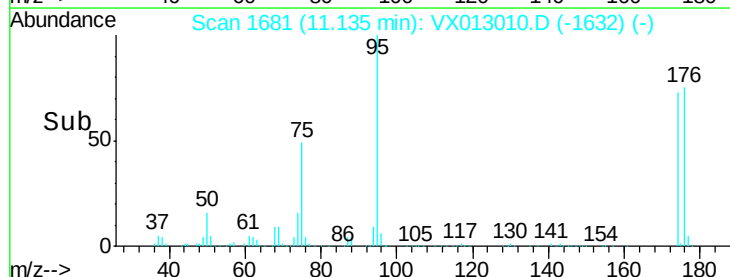
100000

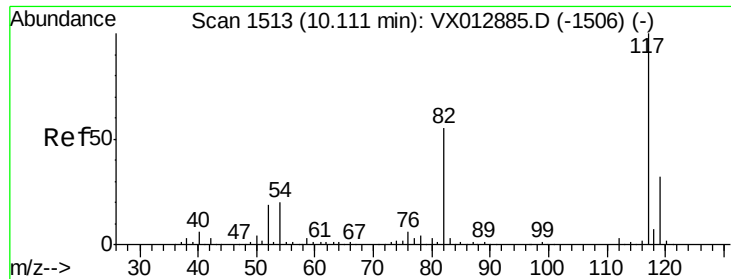
50000

0

Time-->

11.10 11.20

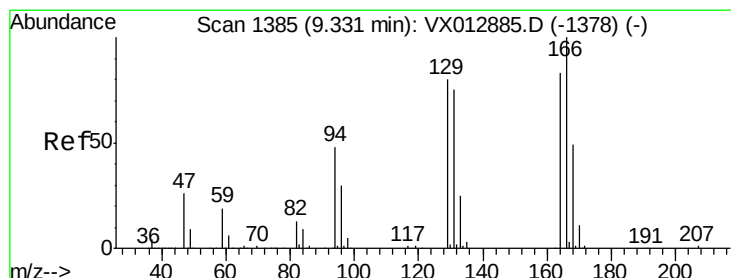
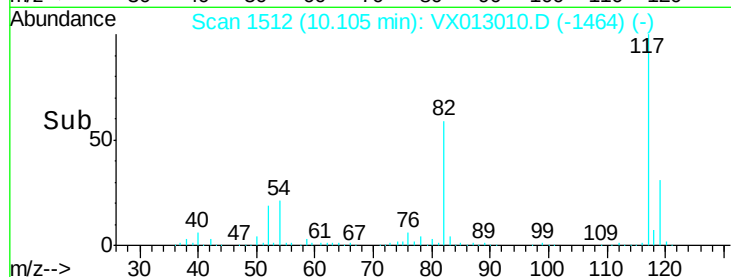
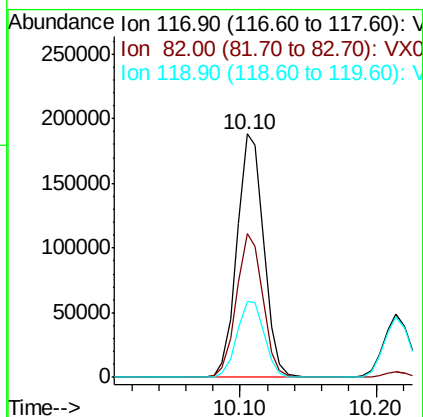
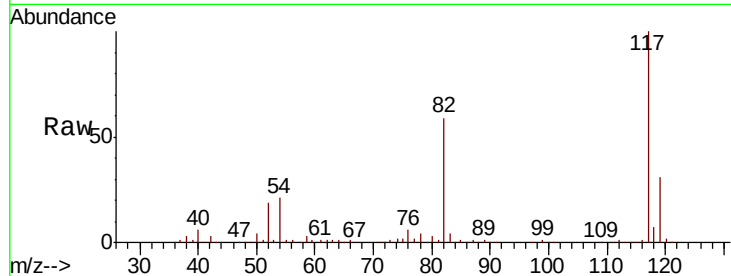




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

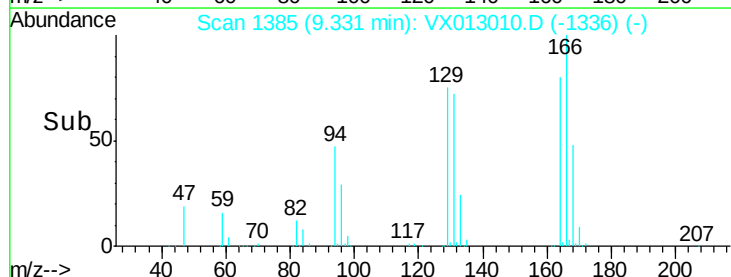
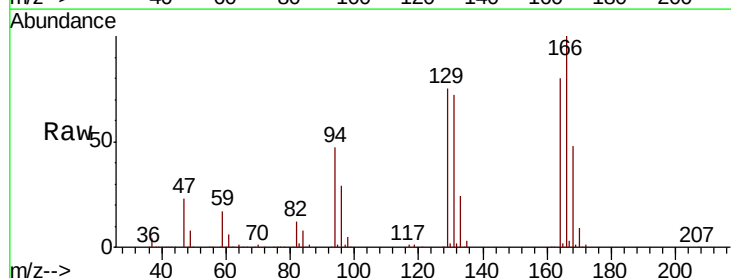
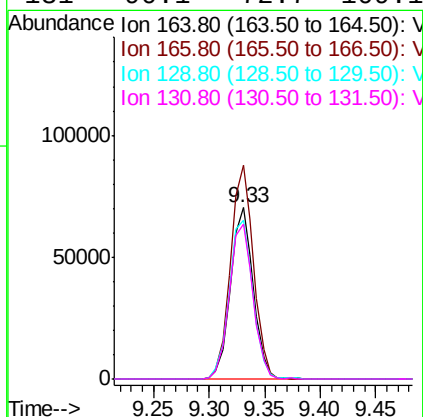
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

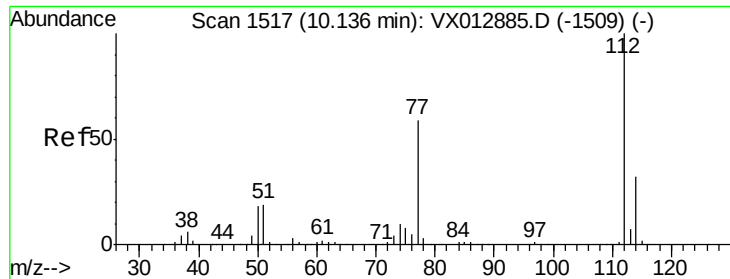
Tot Ion:117 Resp: 257000
Ion Ratio Lower Upper
117 100
82 58.9 44.1 66.1
119 31.0 25.8 38.8



#64
Tetrachloroethene
Concen: 55.431 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion:164 Resp: 98809
Ion Ratio Lower Upper
164 100
166 124.6 96.9 145.3
129 93.0 77.9 116.9
131 90.1 72.7 109.1

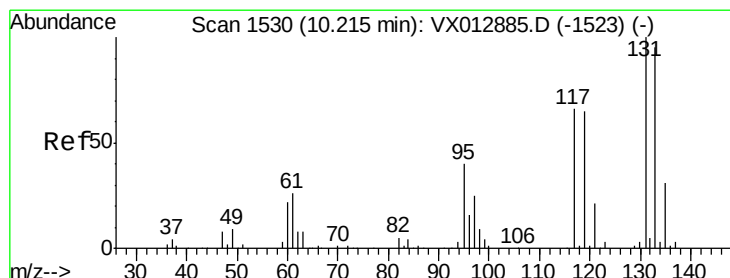
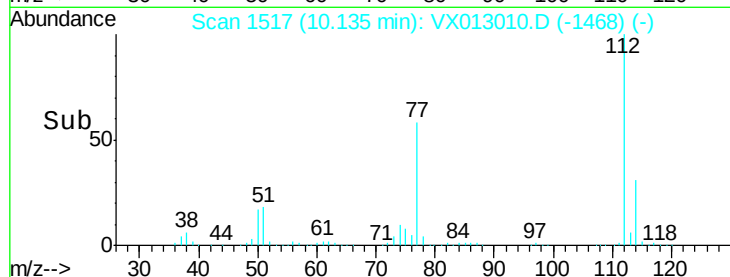
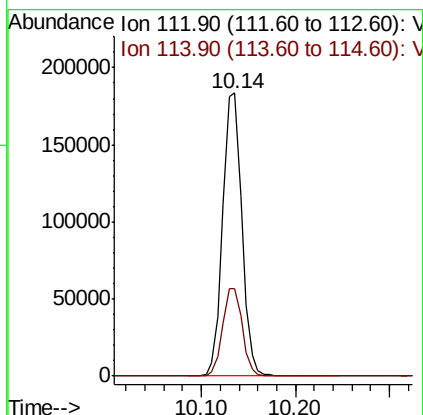
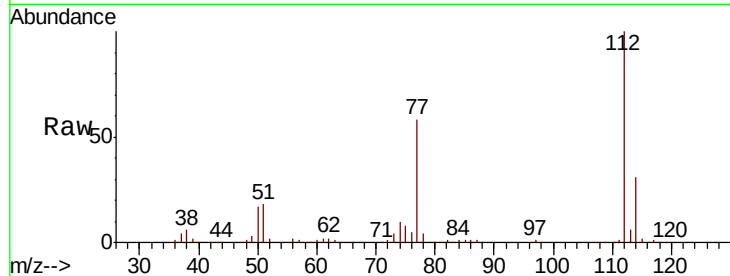




#65
Chlorobenzene
Concen: 50.986 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

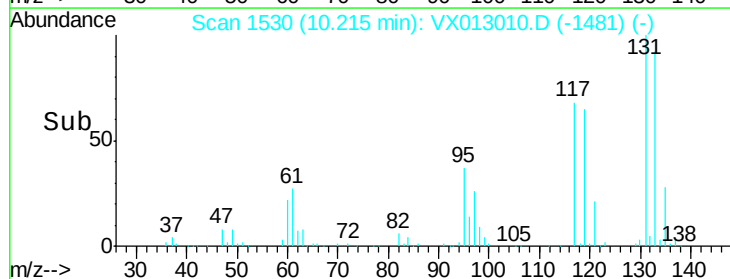
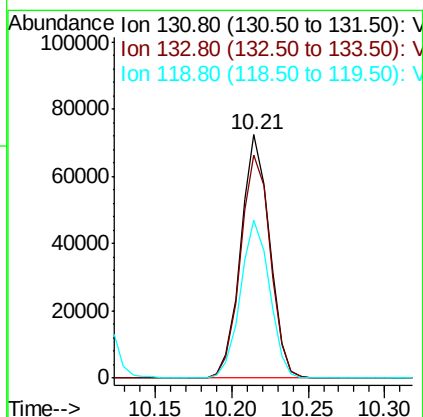
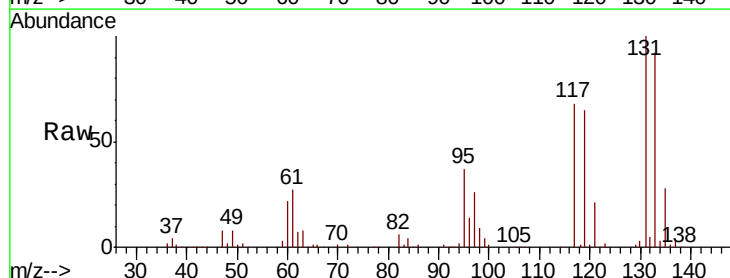
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

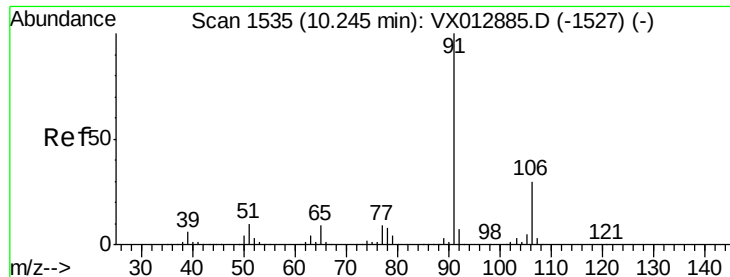
Tot Ion:112 Resp: 260213
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.662 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion:131 Resp: 94958
Ion Ratio Lower Upper
131 100
133 94.7 47.2 141.6
119 65.4 32.6 98.0

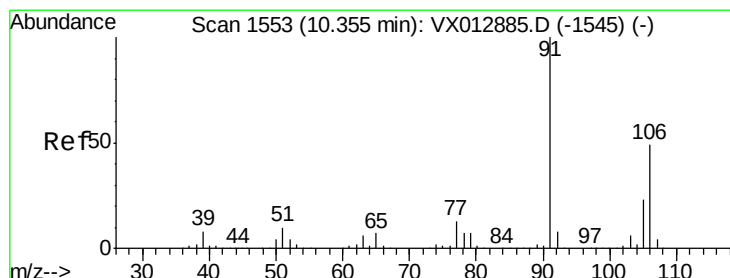
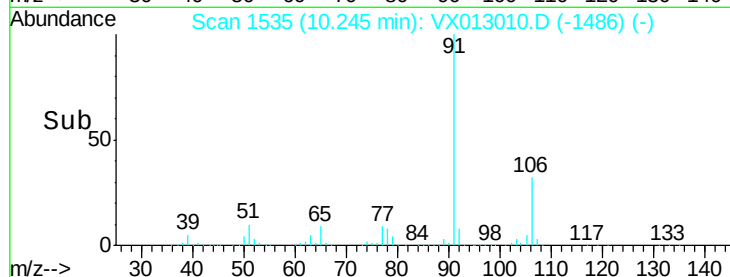
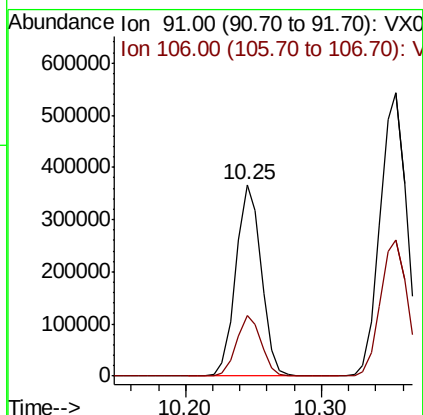
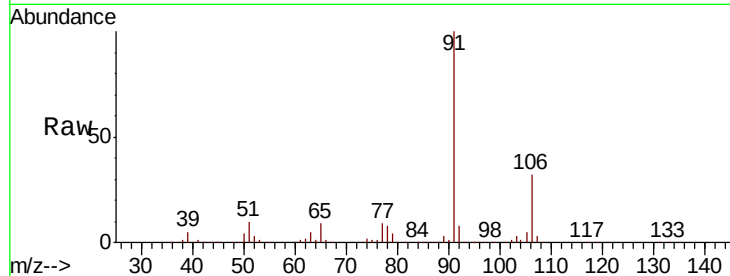




#67
Ethyl Benzene
Concen: 52.564 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

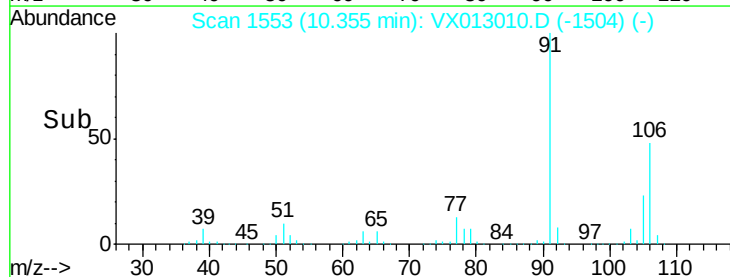
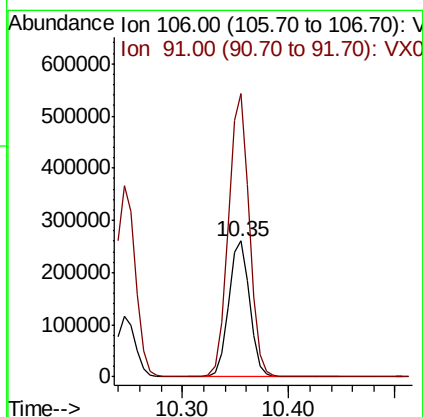
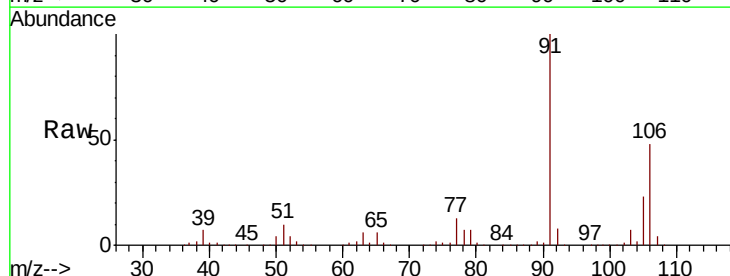
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

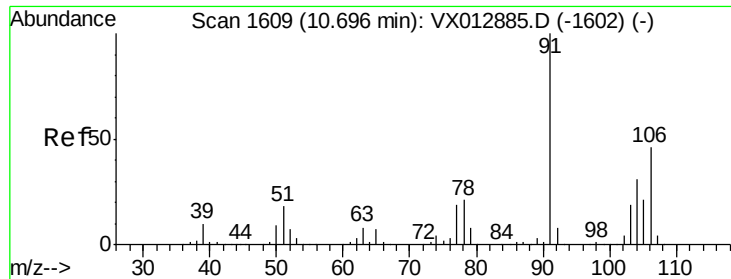
Tot Ion: 91 Resp: 476519
Ion Ratio Lower Upper
91 100
106 31.8 23.9 35.9



#68
m/p-Xylenes
Concen: 106.144 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion: 106 Resp: 359480
Ion Ratio Lower Upper
106 100
91 206.2 165.3 247.9

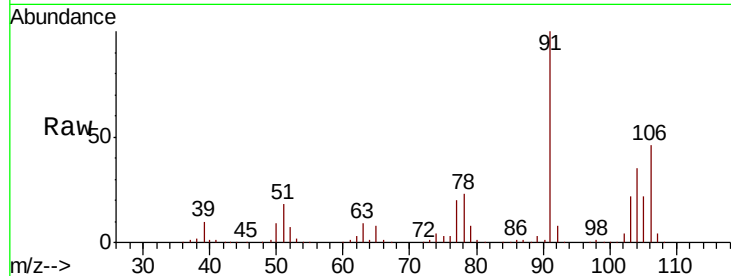




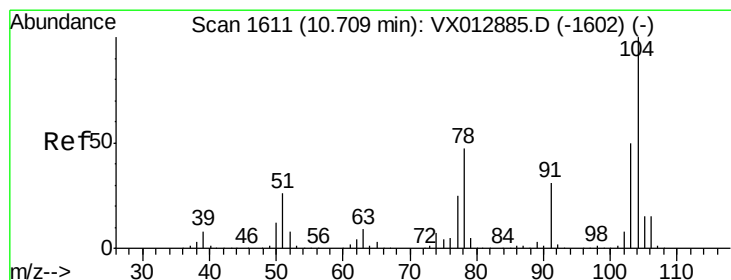
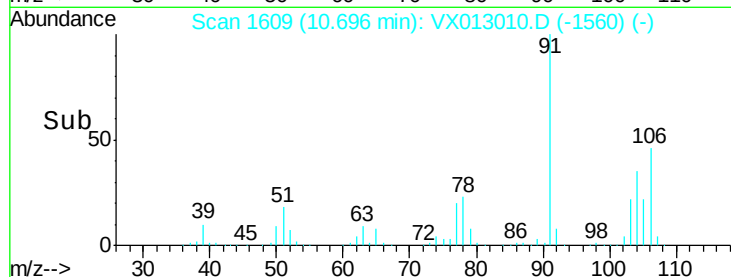
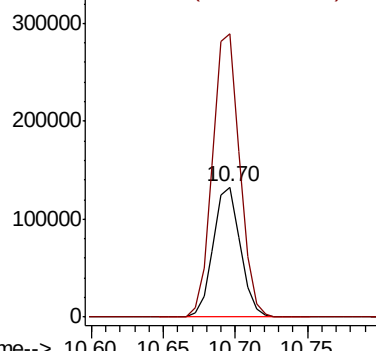
#69
o-Xylene
Concen: 52.367 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 172948
Ion Ratio Lower Upper
106 100
91 218.8 109.1 327.3

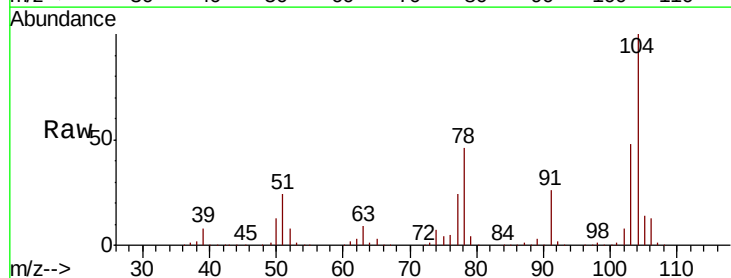


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

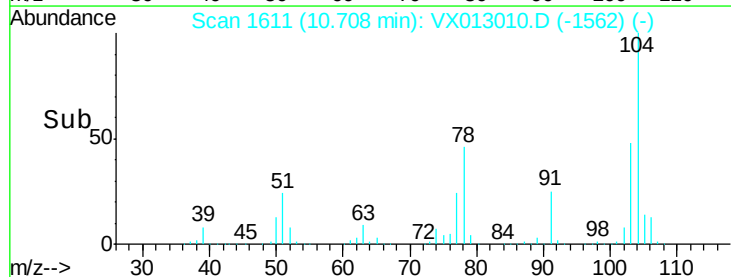
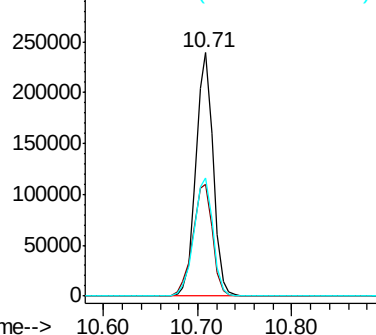


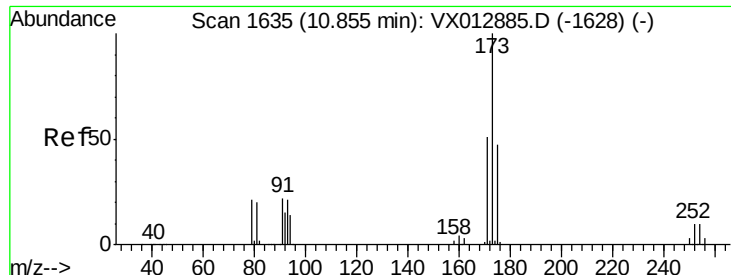
#70
Styrene
Concen: 54.097 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013010.D
Acq: 11 Oct 2019 03:40

Tgt Ion:104 Resp: 303726
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 53.9 43.0 64.4



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





#71

Bromoform

Concen: 45.612 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

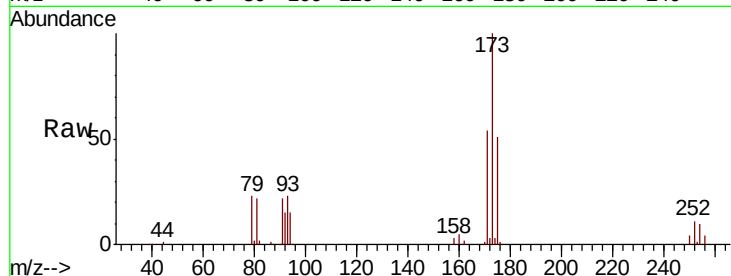
Tot Ion:173 Resp: 68317

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.3

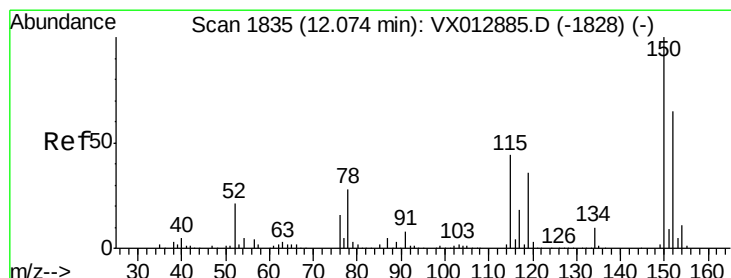
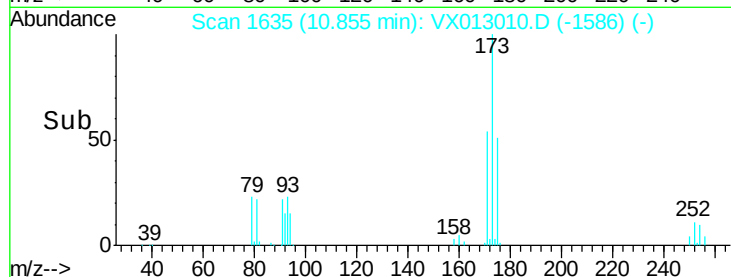
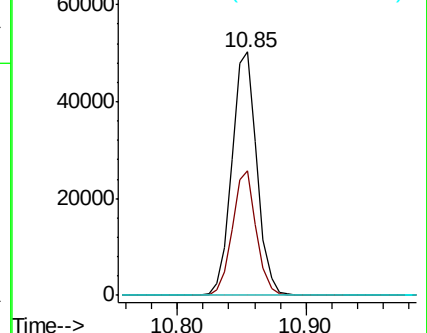
254 0.0 0.1 0.1#



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: VX013010.D

Acq: 11 Oct 2019 03:40

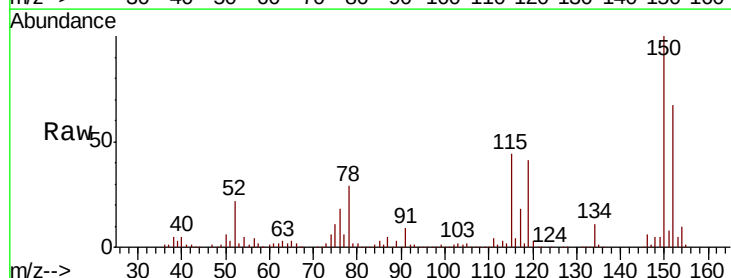
Tgt Ion:152 Resp: 124117

Ion Ratio Lower Upper

152 100

115 88.4 44.5 133.5

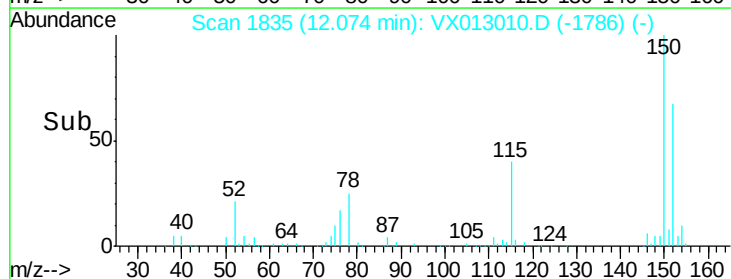
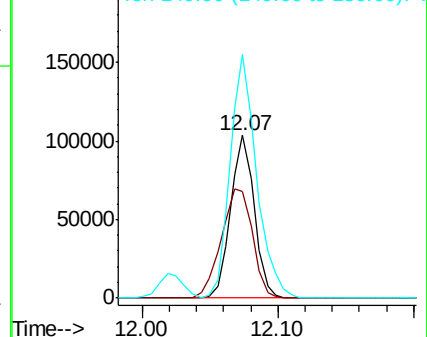
150 168.0 0.0 353.4

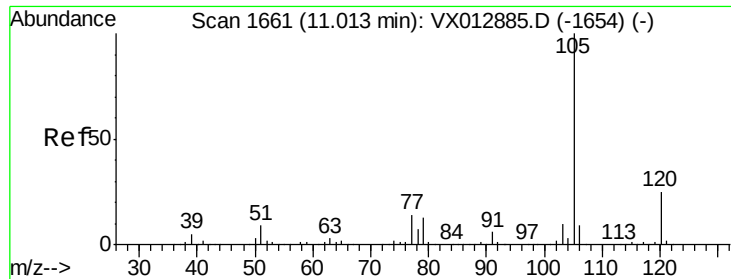


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.354 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

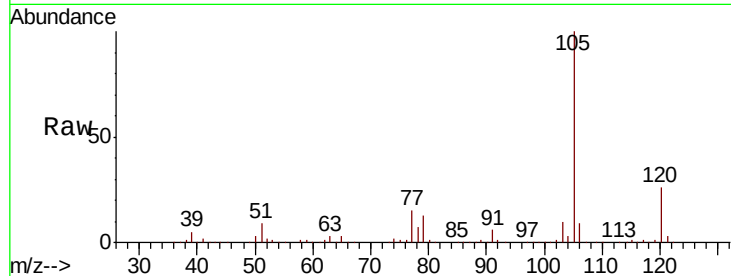
VSTDCCC050

Tot Ion:105 Resp: 477744

Ion Ratio Lower Upper

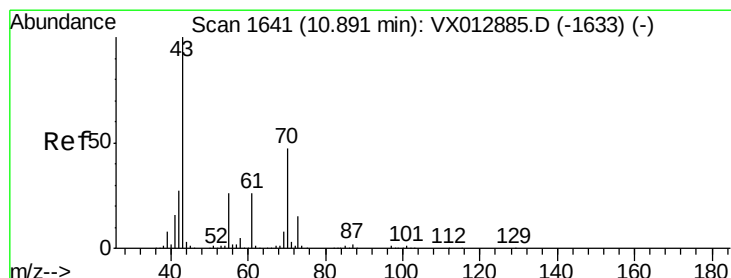
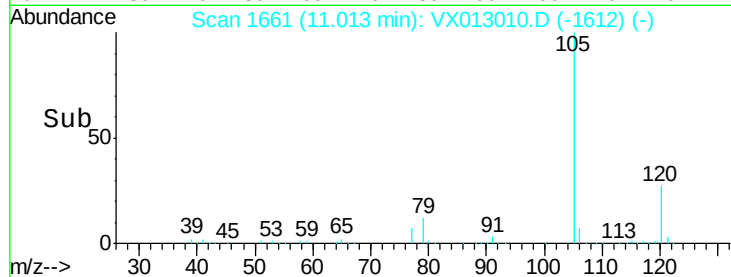
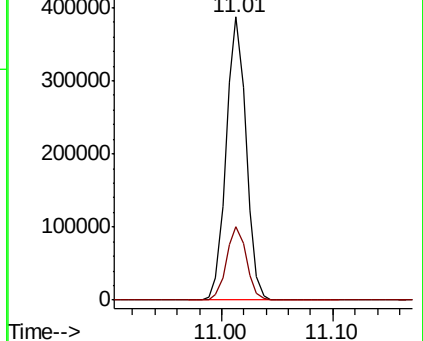
105 100

120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.120 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Tgt Ion: 43 Resp: 200904

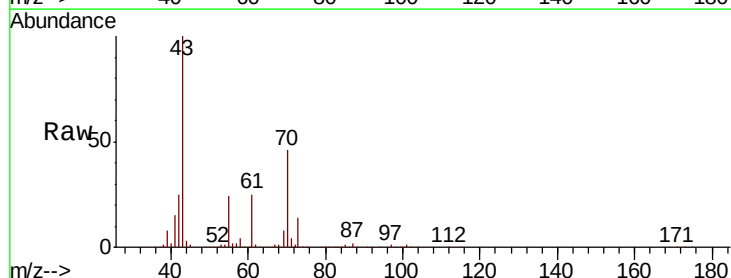
Ion Ratio Lower Upper

43 100

70 45.6 36.4 54.6

55 25.2 20.2 30.2

61 25.6 20.5 30.7

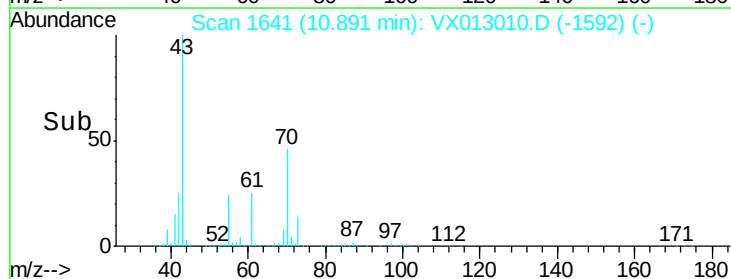
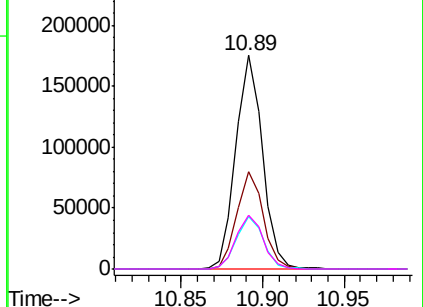


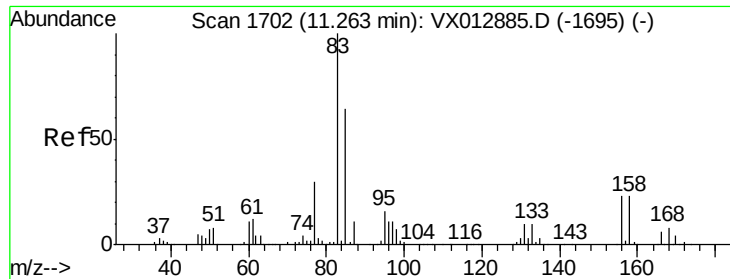
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.058 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

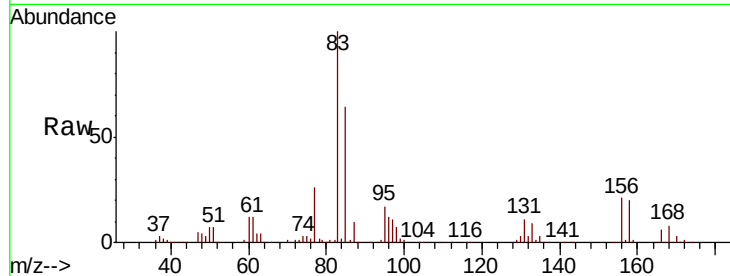
Tot Ion: 83 Resp: 151931

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

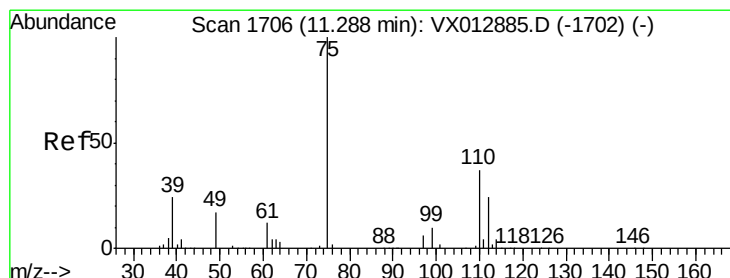
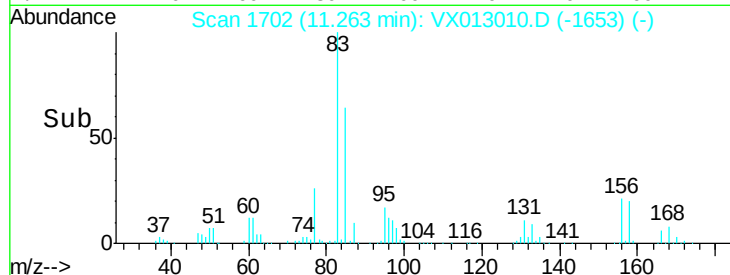
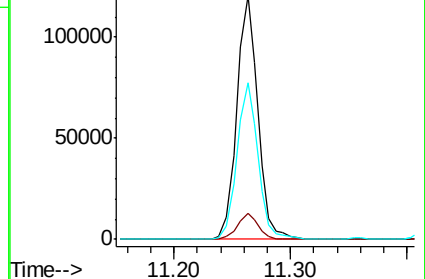
85 64.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.969 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013010.D

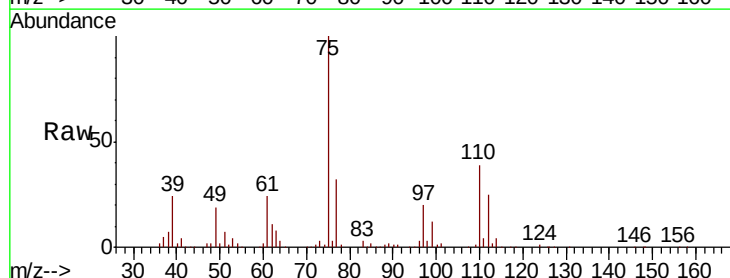
Acq: 11 Oct 2019 03:40

Tgt Ion: 75 Resp: 173347

Ion Ratio Lower Upper

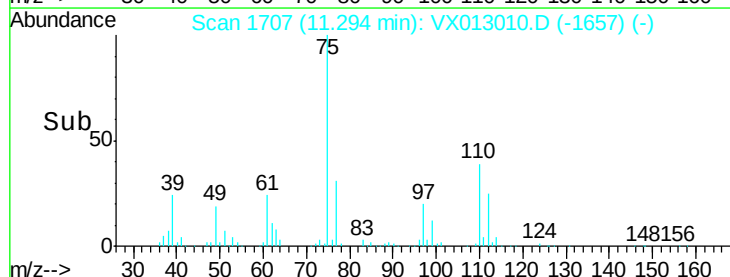
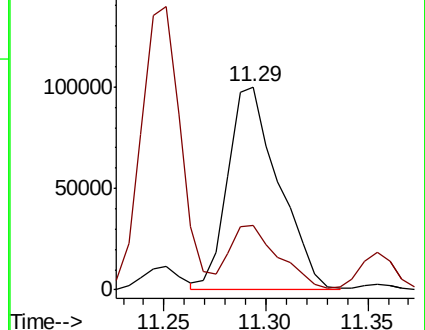
75 100

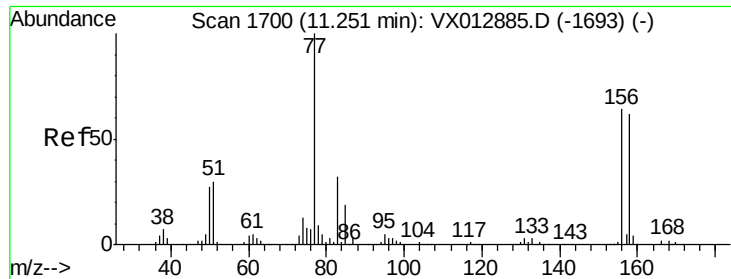
77 30.3 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.420 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

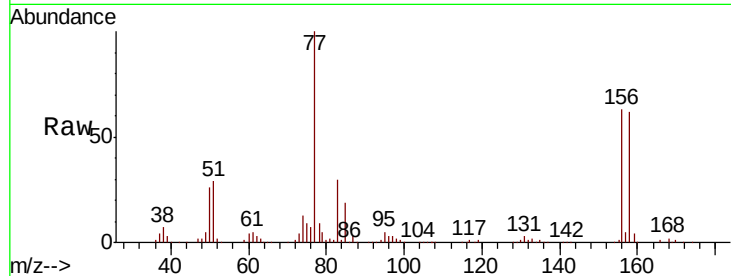
Tot Ion:156 Resp: 110571

Ion Ratio Lower Upper

156 100

77 170.3 83.7 251.0

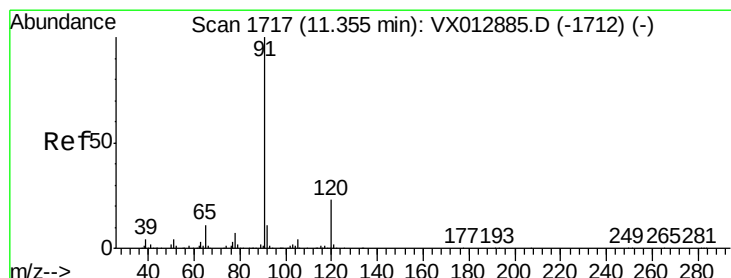
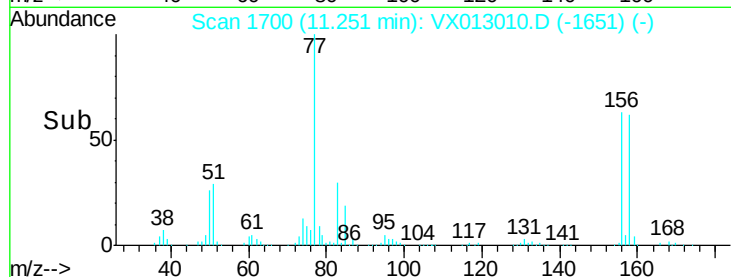
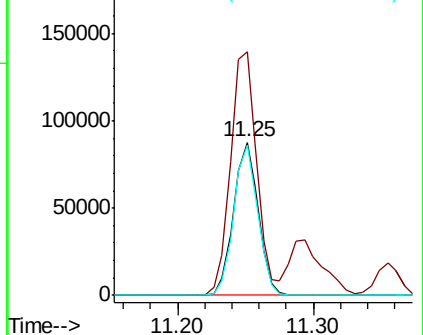
158 96.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.483 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013010.D

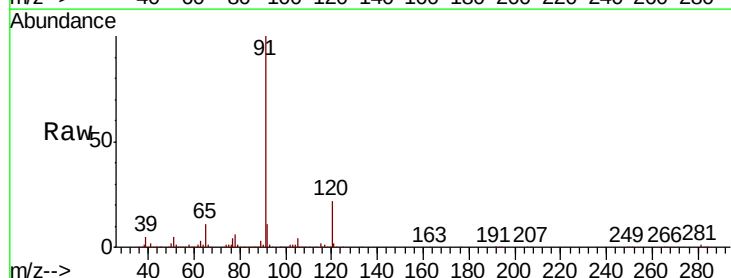
Acq: 11 Oct 2019 03:40

Tgt Ion: 91 Resp: 537033

Ion Ratio Lower Upper

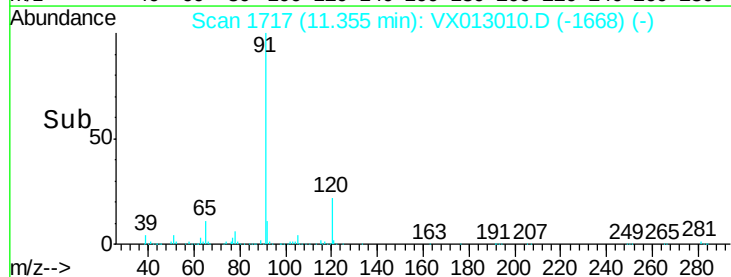
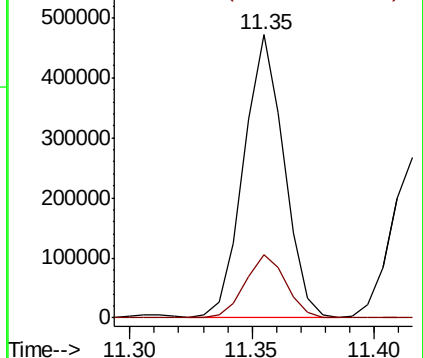
91 100

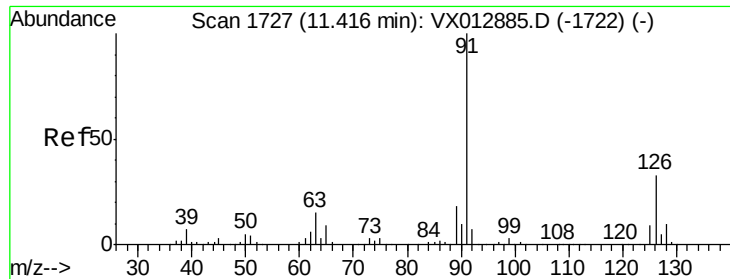
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

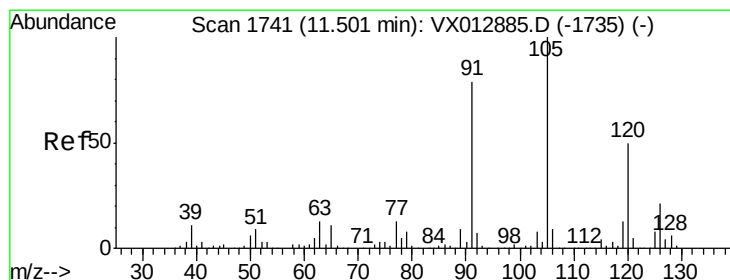
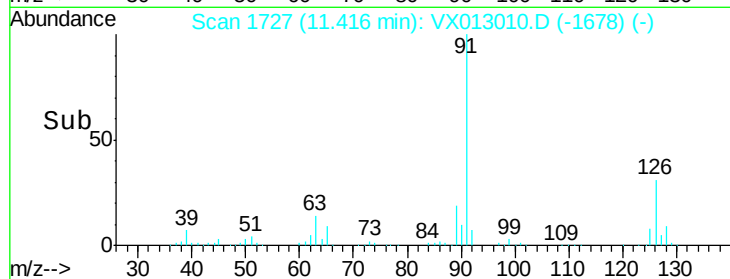
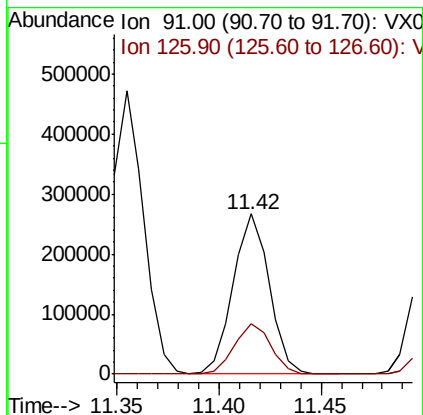
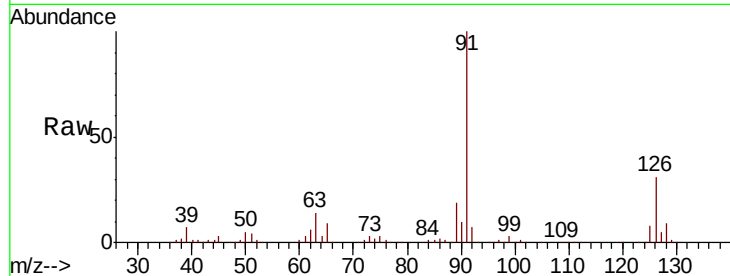




#79
 2-Chlorotoluene
 Concen: 51.492 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

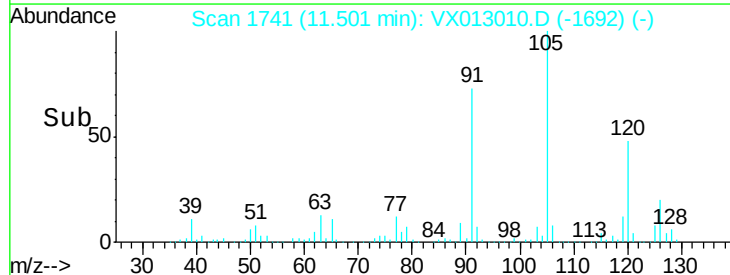
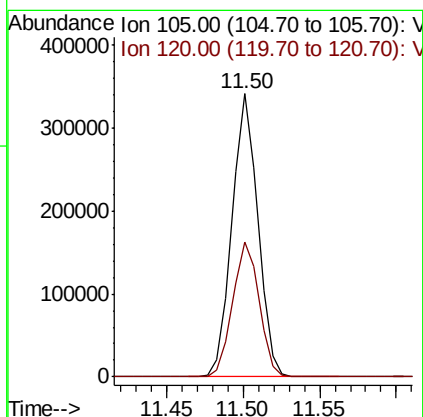
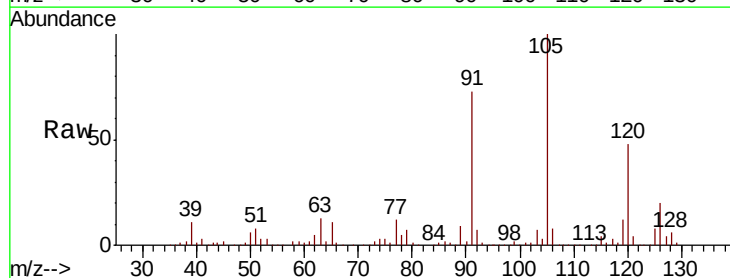
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

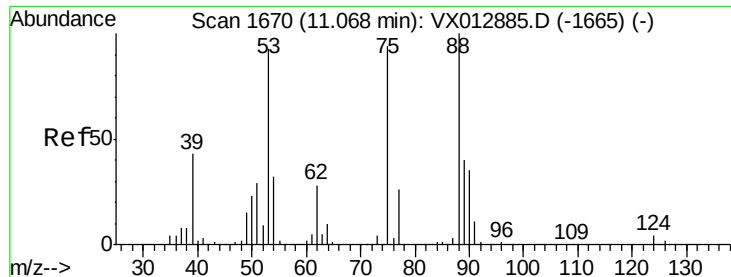
Tot Ion: 91 Resp: 324946
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 52.589 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion: 105 Resp: 400709
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 41.533 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

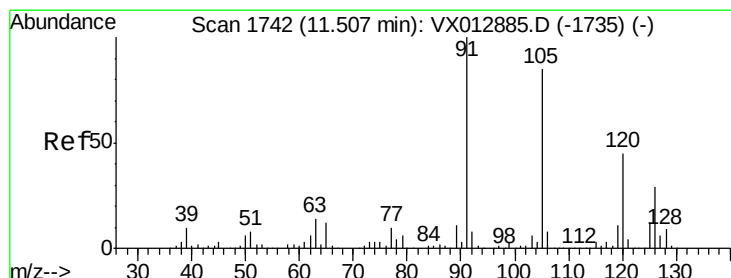
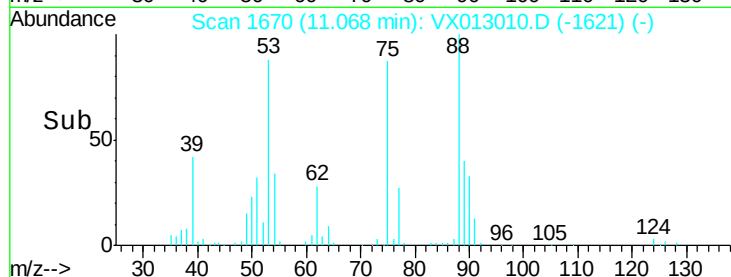
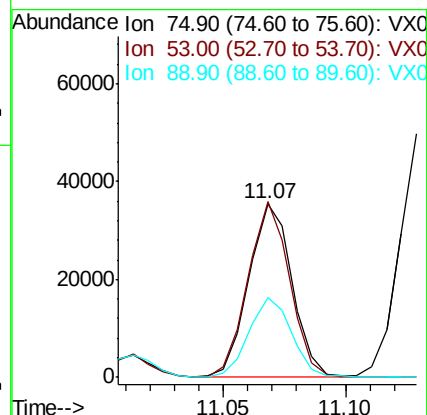
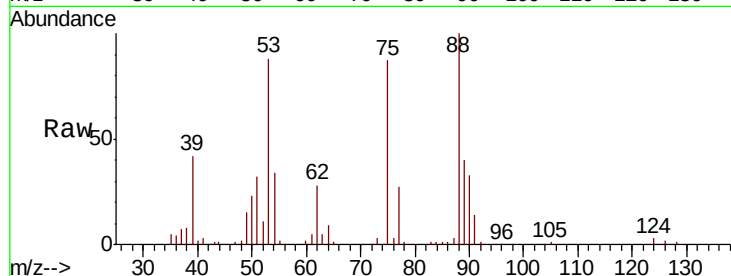
Tot Ion: 75 Resp: 43657

Ion Ratio Lower Upper

75 100

53 98.5 78.5 117.7

89 45.8 37.4 56.2



#82

4-Chlorotoluene

Concen: 50.745 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013010.D

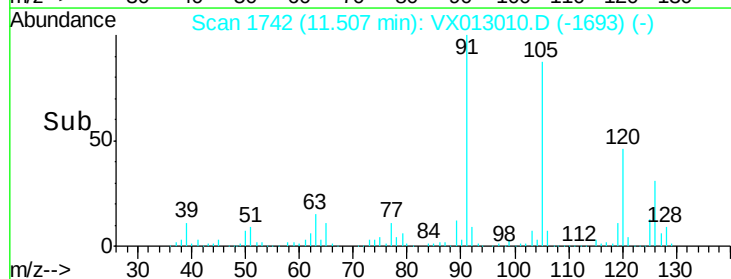
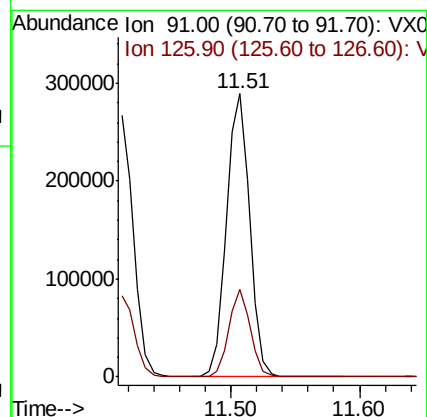
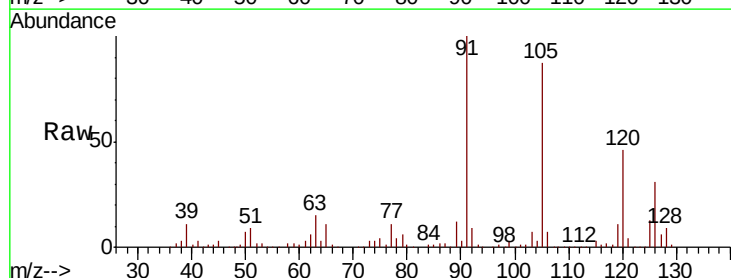
Acq: 11 Oct 2019 03:40

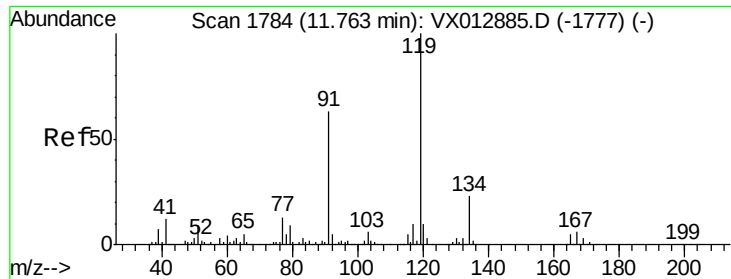
Tgt Ion: 91 Resp: 367048

Ion Ratio Lower Upper

91 100

126 28.8 14.2 42.6

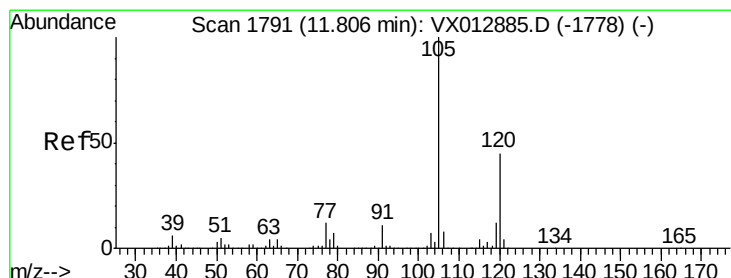
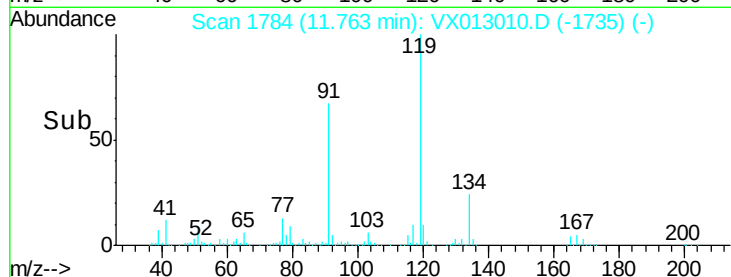
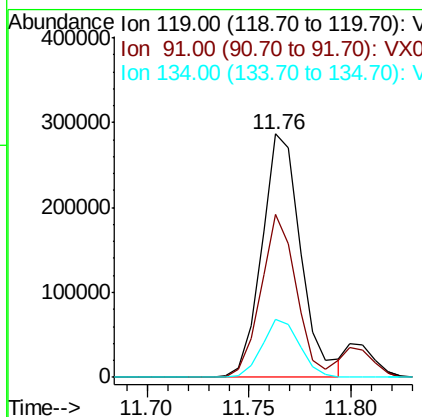
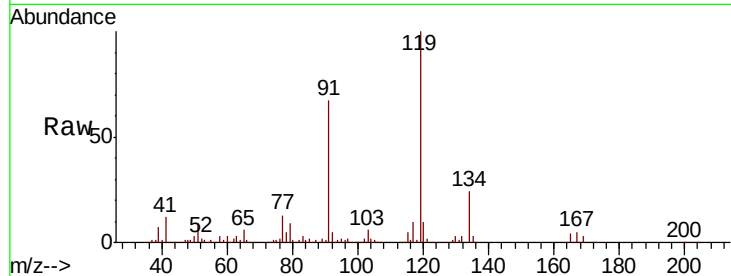




#83
 tert-Butylbenzene
 Concen: 51.240 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

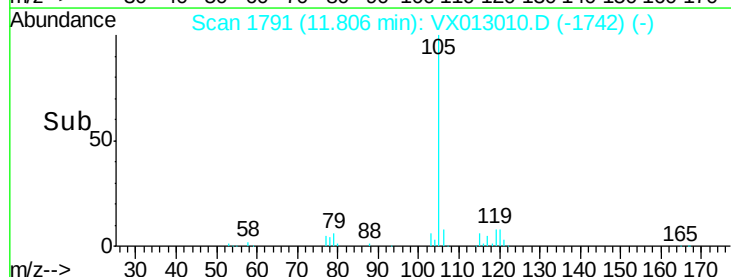
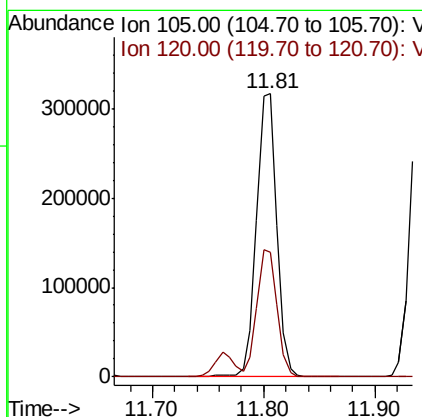
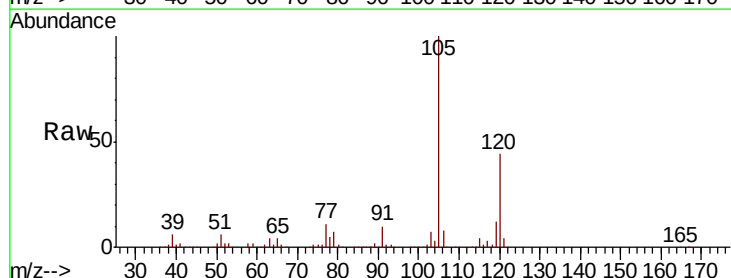
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

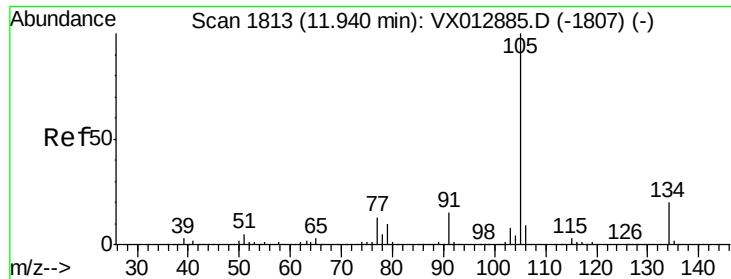
Tot Ion:119 Resp: 380865
 Ion Ratio Lower Upper
 119 100
 91 60.9 29.3 87.9
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.437 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion:105 Resp: 404659
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.8 65.3





#85

sec-Butylbenzene

Concen: 53.442 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

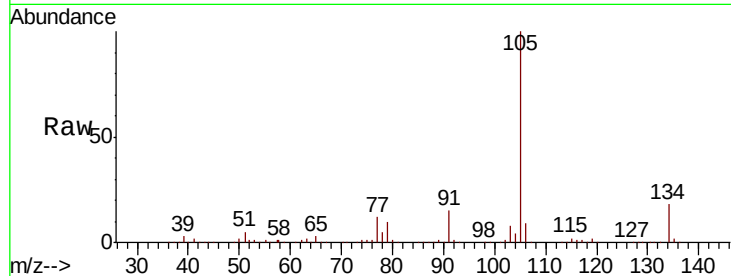
VSTDCCC050

Tot Ion:105 Resp: 460208

Ion Ratio Lower Upper

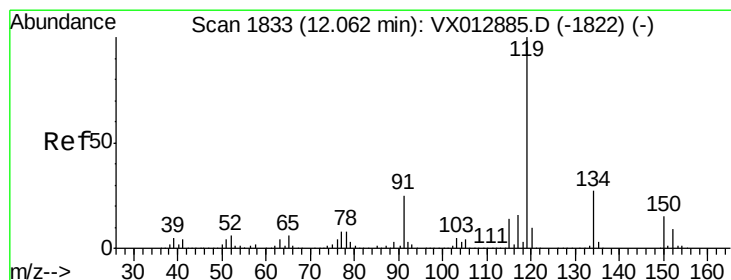
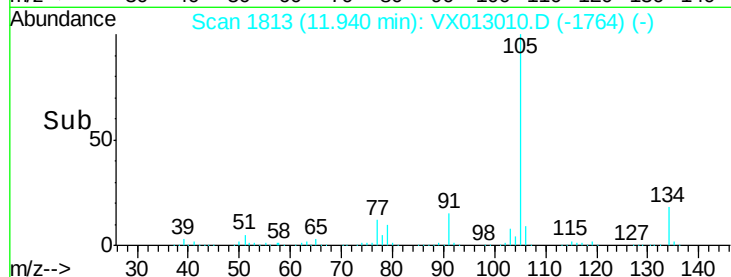
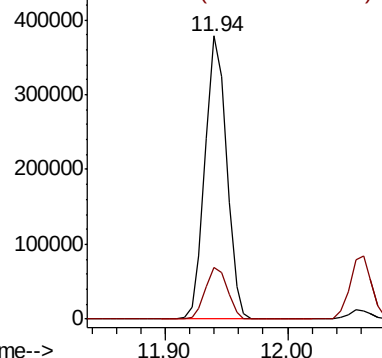
105 100

134 18.8 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.408 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

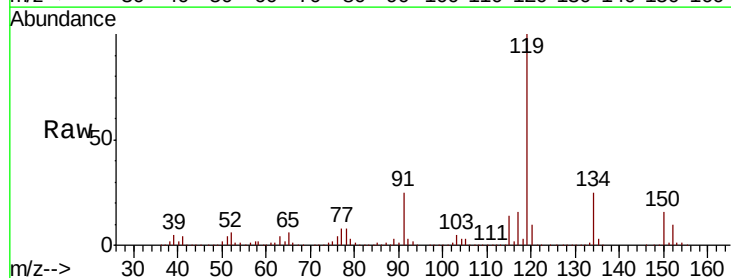
Tgt Ion:119 Resp: 418562

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

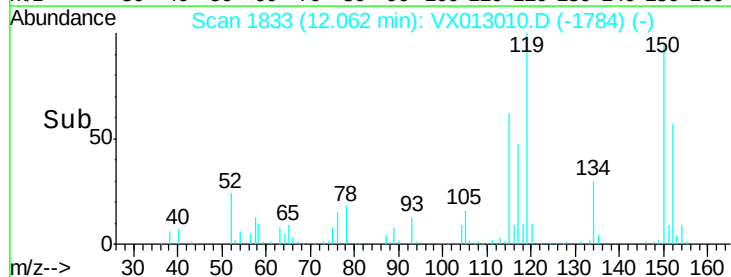
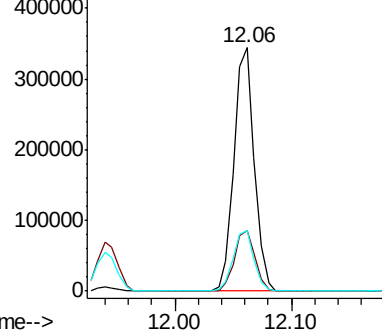
91 25.3 12.4 37.4

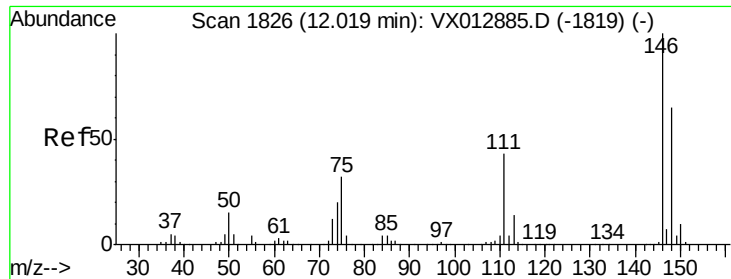


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

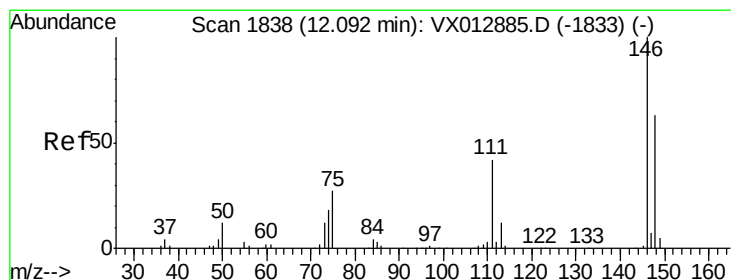
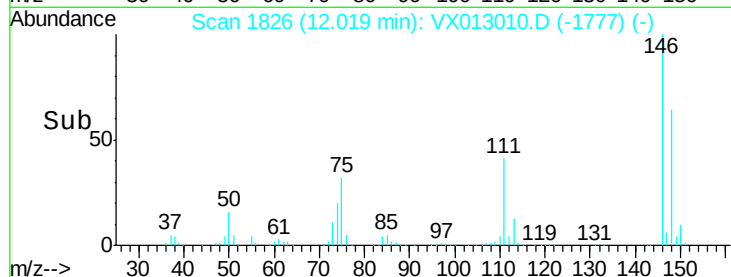
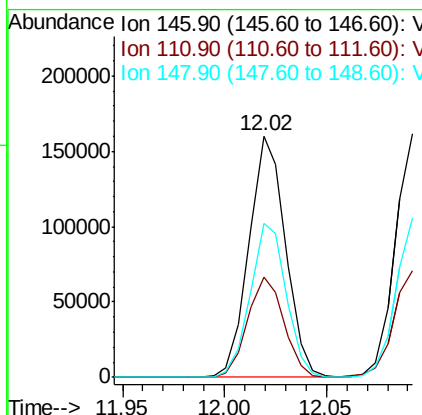
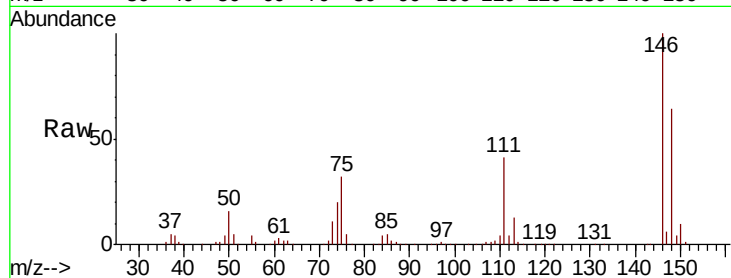




#87
 1,3-Dichlorobenzene
 Concen: 49.943 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

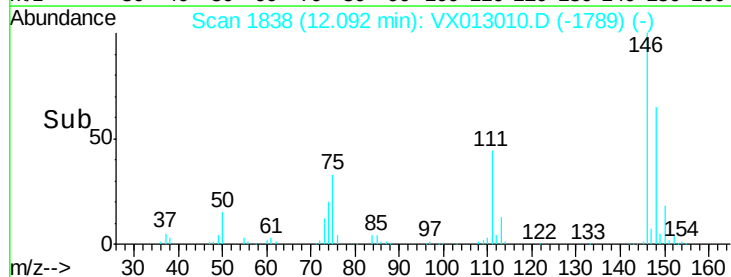
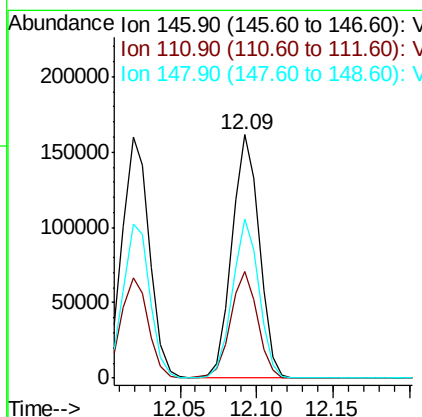
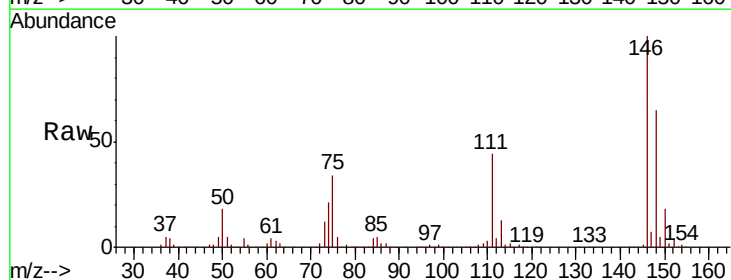
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

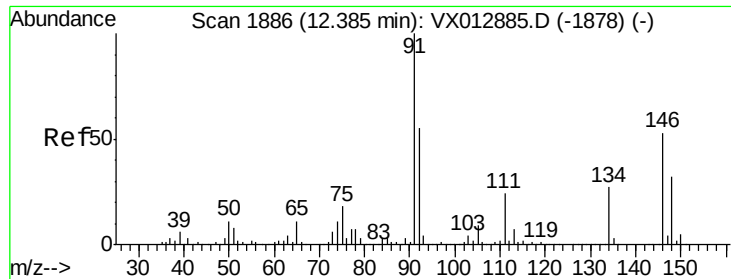
Tot Ion:146 Resp: 199432
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.1 63.4
 148 63.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.268 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion:146 Resp: 199249
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.3
 148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 53.445 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

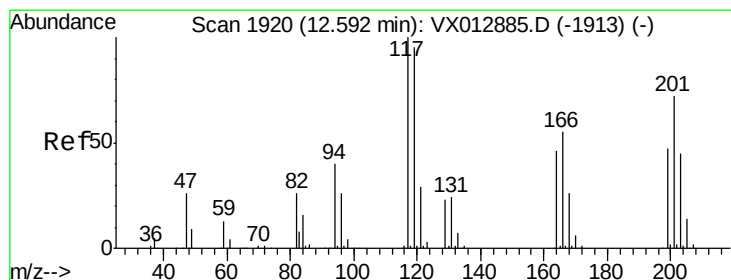
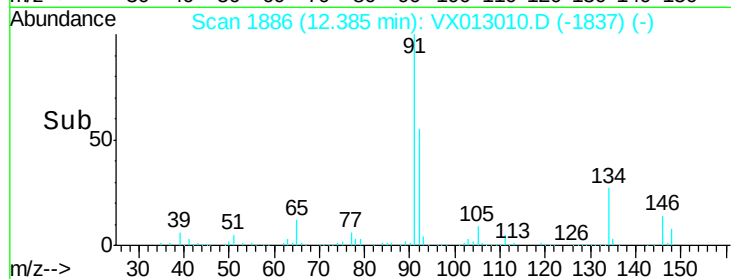
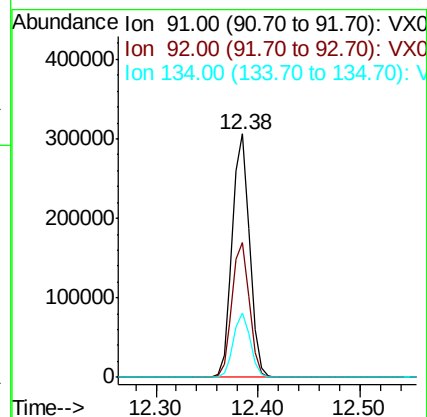
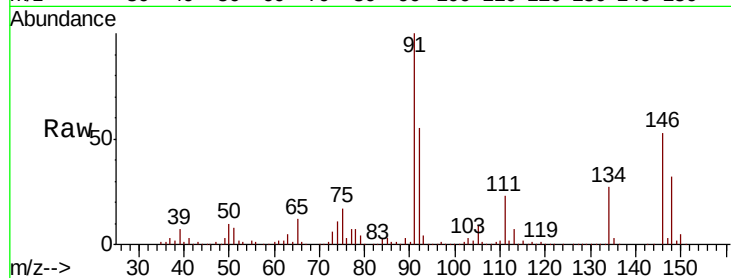
Tot Ion: 91 Resp: 358739

Ion Ratio Lower Upper

91 100

92 55.7 27.5 82.5

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 48.281 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013010.D

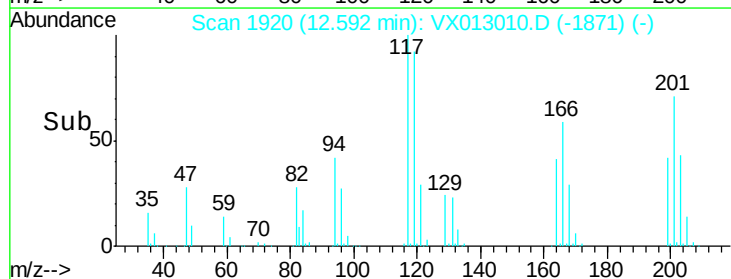
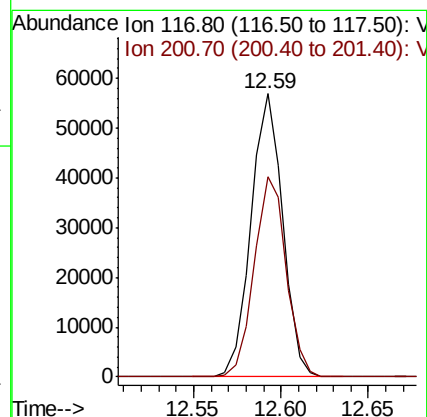
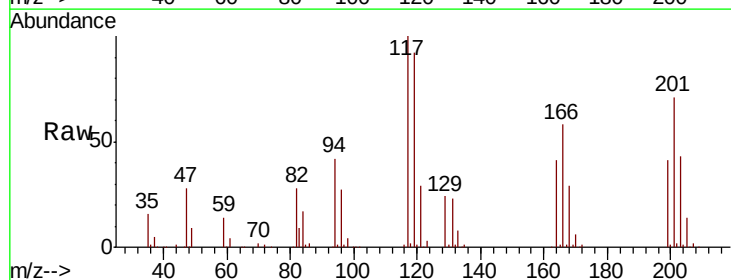
Acq: 11 Oct 2019 03:40

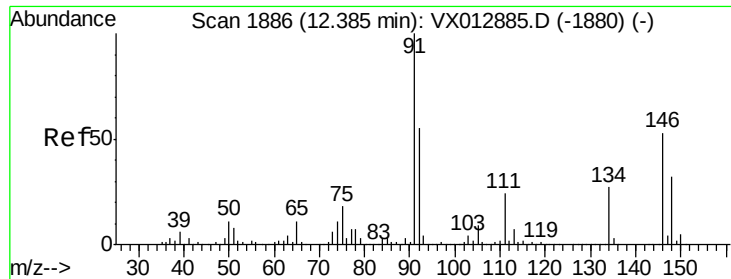
Tgt Ion: 117 Resp: 71305

Ion Ratio Lower Upper

117 100

201 71.8 36.9 110.7

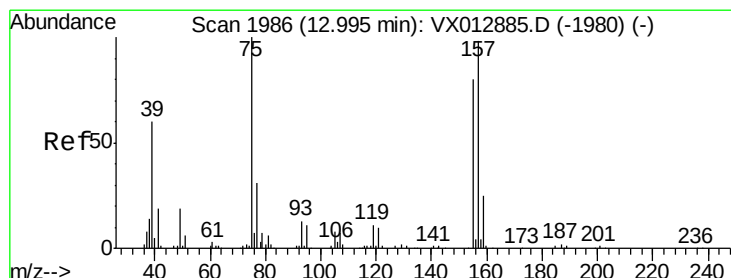
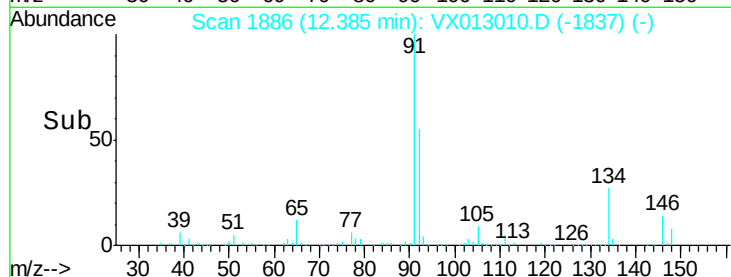
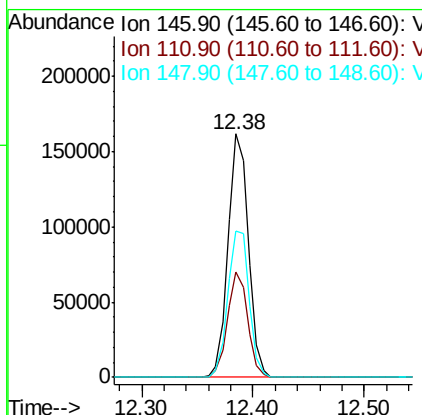
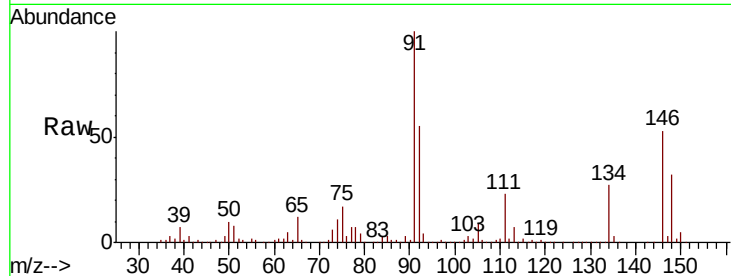




#91
 1,2-Dichlorobenzene
 Concen: 52.053 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

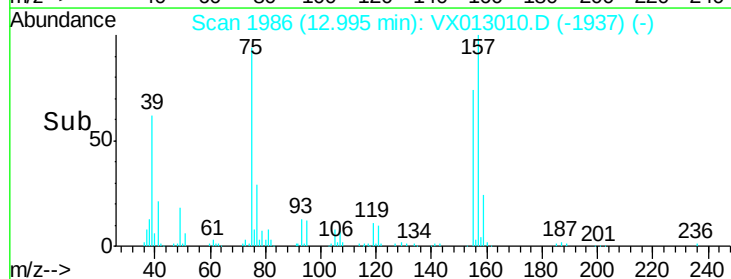
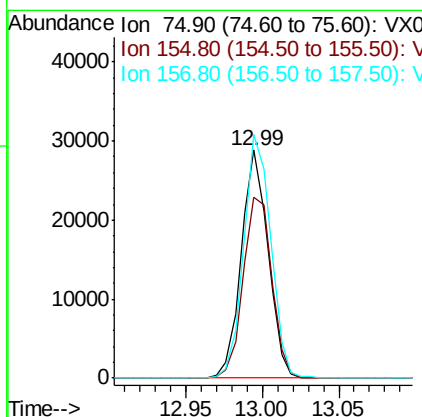
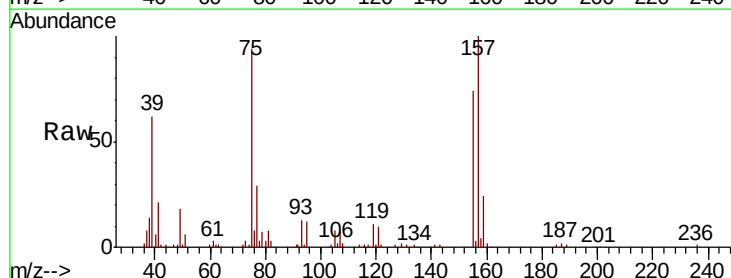
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

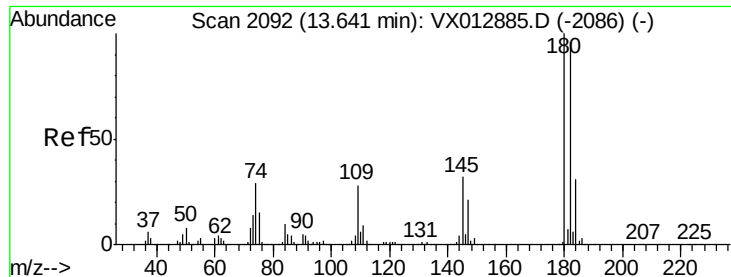
Tot Ion:146 Resp: 203775
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.7 68.0
 148 63.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.351 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion: 75 Resp: 35107
 Ion Ratio Lower Upper
 75 100
 155 84.7 43.0 128.8
 157 107.7 54.1 162.3

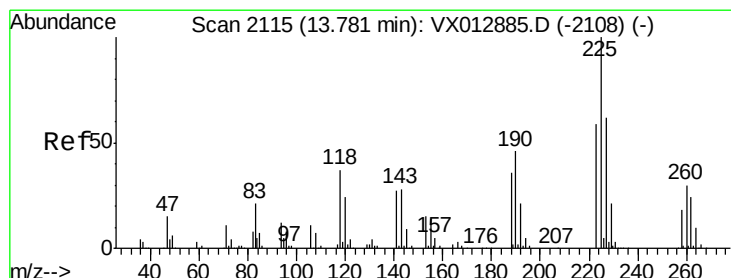
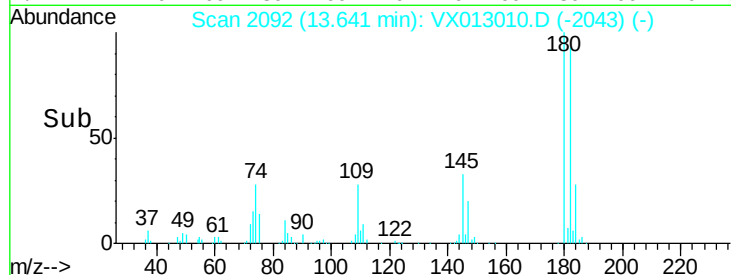
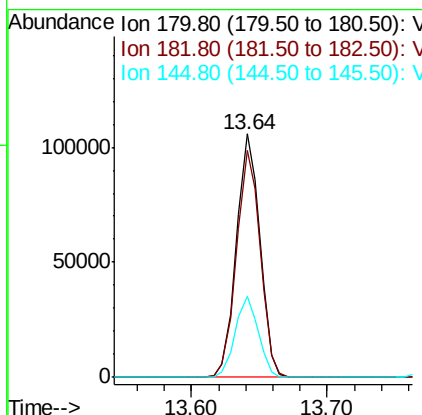
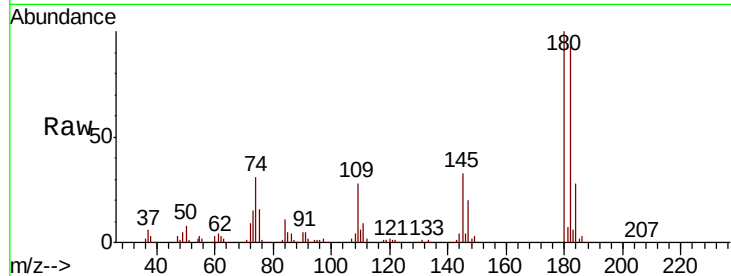




#93
 1,2,4-Trichlorobenzene
 Concen: 51.863 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

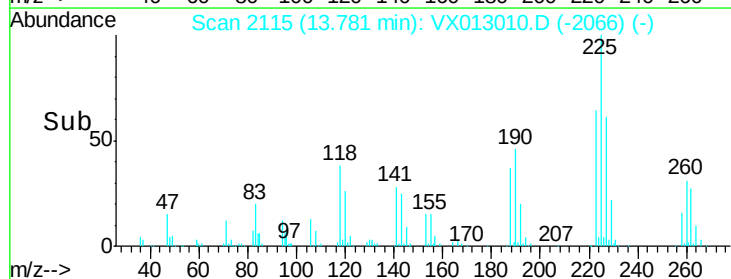
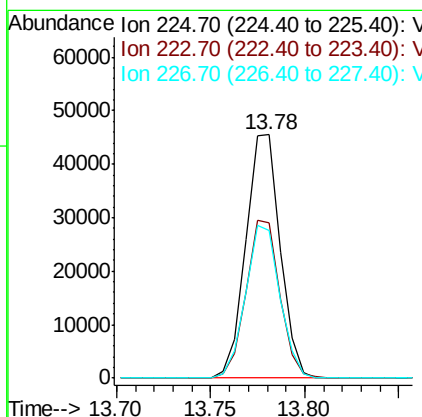
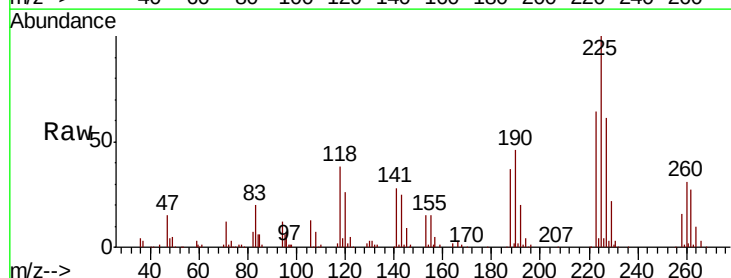
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

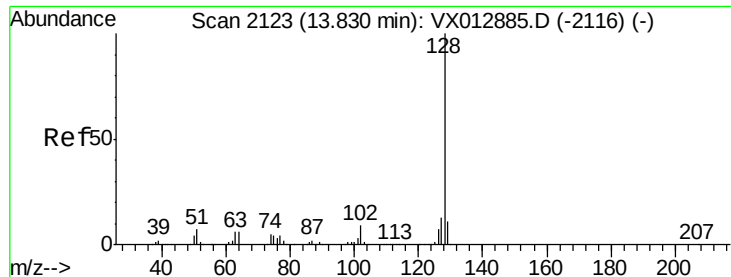
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.8	140.4
145	33.0	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 51.011 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX013010.D
 Acq: 11 Oct 2019 03:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.2
227	62.3	32.3	96.9





#95

Naphthalene

Concen: 51.444 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

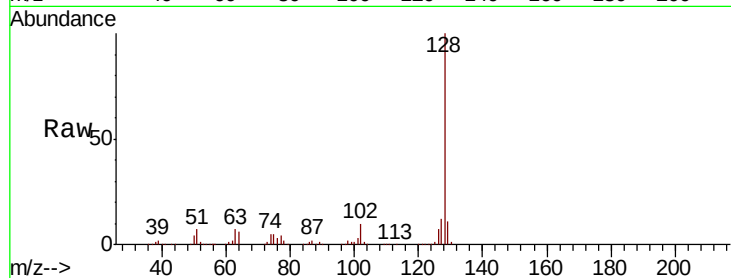
Tot Ion:128 Resp: 437323

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.6 8.8 13.2



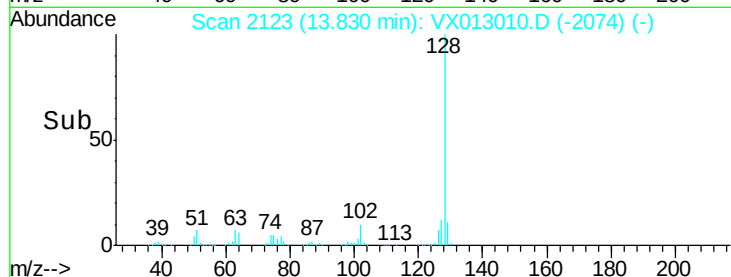
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

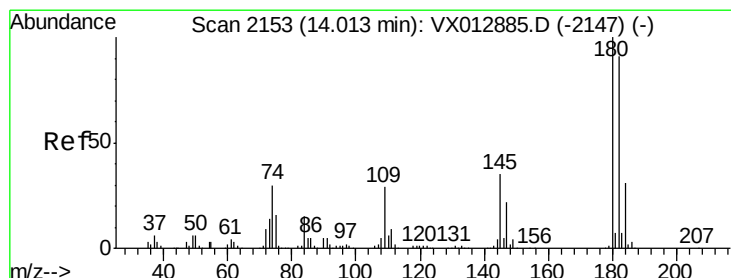
Ion 129.00 (128.70 to 129.70): V

13.83

Time-->



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 50.409 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX013010.D

Acq: 11 Oct 2019 03:40

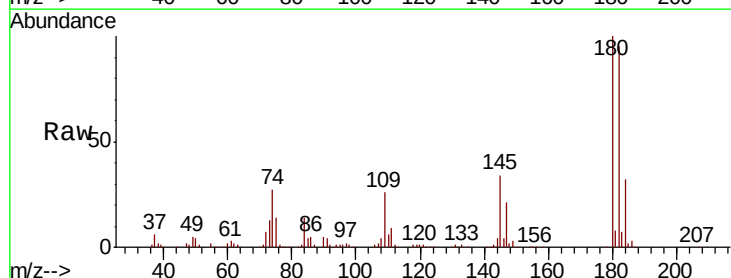
Tgt Ion:180 Resp: 127746

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.5

145 35.5 17.4 52.3



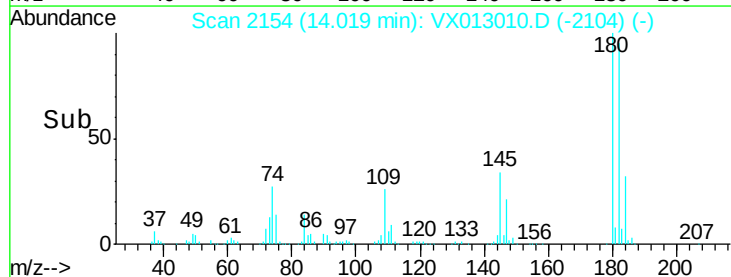
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02

Time-->



Time-->