

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012315.D
 Acq On : 11 Sep 2019 21:38
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 12 05:42:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	128638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108121	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	90244	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
35) Dibromofluoromethane	5.48	113	73724	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
50) Toluene-d8	8.71	98	275854	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.14	95	115827	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	46800	44.499	ug/l	98
3) Chloromethane	1.31	50	47958	50.588	ug/l	98
4) Vinyl Chloride	1.40	62	45992	48.928	ug/l	99
5) Bromomethane	1.63	94	26969	72.912	ug/l	98
6) Chloroethane	1.71	64	31293	49.786	ug/l	96
7) Trichlorofluoromethane	1.92	101	79822	46.921	ug/l	100
8) Diethyl Ether	2.18	74	30199	52.022	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58735	51.227	ug/l	99
10) Methyl Iodide	2.50	142	43766	40.106	ug/l	99
11) Tert butyl alcohol	3.03	59	42038	216.442	ug/l	99
12) 1,1-Dichloroethene	2.36	96	50350	51.726	ug/l	95
13) Acrolein	2.28	56	22820	240.031	ug/l	95
14) Allyl chloride	2.72	41	99822	50.300	ug/l	99
15) Acrylonitrile	3.13	53	90583	252.434	ug/l	98
16) Acetone	2.43	43	83193	193.231	ug/l	96
17) Carbon Disulfide	2.56	76	97083	47.495	ug/l	97
18) Methyl Acetate	2.76	43	43429	47.991	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	195855	50.950	ug/l	99
20) Methylene Chloride	2.84	84	70566	52.676	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	59534	51.264	ug/l	92
22) Diisopropyl ether	3.84	45	239192	52.702	ug/l	97
23) Vinyl Acetate	3.80	43	704959	253.162	ug/l	100
24) 1,1-Dichloroethane	3.69	63	128486	52.851	ug/l	98
25) 2-Butanone	4.65	43	125992	228.918	ug/l	97
26) 2,2-Dichloropropane	4.57	77	101318	44.391	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	77207	51.494	ug/l	99
28) Bromochloromethane	5.00	49	58968	51.718	ug/l	99
29) Tetrahydrofuran	5.11	42	75334	253.690	ug/l	98
30) Chloroform	5.20	83	142899	52.126	ug/l	98
31) Cyclohexane	5.57	56	80688	47.780	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	120444	51.167	ug/l	99
36) 1,1-Dichloropropene	5.79	75	85171	50.517	ug/l	99
37) Ethyl Acetate	4.82	43	53384	51.222	ug/l	99
38) Carbon Tetrachloride	5.77	117	97138	49.107	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	89461	48.351	ug/l	98
40) Benzene	6.13	78	262525	51.448	ug/l	97
41) Methacrylonitrile	5.03	41	32595	50.731	ug/l	97
42) 1,2-Dichloroethane	6.18	62	100947	50.054	ug/l	100
43) Isopropyl Acetate	6.43	43	108416	49.341	ug/l	100
44) Trichloroethene	7.20	130	71423	51.721	ug/l	97
45) 1,2-Dichloropropane	7.51	63	72997	51.682	ug/l	99
46) Dibromomethane	7.65	93	40110	51.960	ug/l	98
47) Bromodichloromethane	7.89	83	109035	51.758	ug/l	99
48) Methyl methacrylate	7.76	41	52051	49.490	ug/l	99
49) 1,4-Dioxane	7.73	88	13479	949.752	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	288819	249.051	ug/l	100
52) Toluene	8.78	92	175929	52.198	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	101987	48.505	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	114379	49.057	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	61588	51.498	ug/l	95
56) Ethyl methacrylate	9.17	69	81185	50.137	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106723	52.249	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	214636	258.622	ug/l	100
59) 2-Hexanone	9.49	43	199354	247.236	ug/l	100
60) Dibromochloromethane	9.57	129	73142	52.388	ug/l	98
61) 1,2-Dibromoethane	9.67	107	56124	50.415	ug/l	100
64) Tetrachloroethene	9.33	164	64153	55.599	ug/l	99
65) Chlorobenzene	10.14	112	202575	50.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	78158	52.010	ug/l	100
67) Ethyl Benzene	10.25	91	358641	50.583	ug/l	99
68) m/p-Xylenes	10.35	106	268715	102.957	ug/l	99
69) o-Xylene	10.70	106	129436	50.625	ug/l	99
70) Styrene	10.71	104	235721	51.985	ug/l	99
71) Bromoform	10.85	173	38986	50.030	ug/l #	100
73) Isopropylbenzene	11.01	105	360536	50.652	ug/l	99
74) N-amyl acetate	10.89	43	101042	47.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	76040	49.742	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	78422	56.460	ug/l	90
77) Bromobenzene	11.25	156	83332	50.850	ug/l	98
78) n-propylbenzene	11.35	91	432676	50.337	ug/l	99
79) 2-Chlorotoluene	11.42	91	271642	51.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	325467	50.845	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20134	43.432	ug/l	94
82) 4-Chlorotoluene	11.51	91	326905	51.079	ug/l	100
83) tert-Butylbenzene	11.77	119	312881	50.339	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	333284	50.367	ug/l	97
85) sec-Butylbenzene	11.94	105	372790	50.267	ug/l	99
86) p-Isopropyltoluene	12.06	119	347294	50.682	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	169491	50.771	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	172601	51.131	ug/l	99
89) n-Butylbenzene	12.39	91	333344	49.632	ug/l	99
90) Hexachloroethane	12.59	117	62785	49.744	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	158433	51.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14308	45.855	ug/l	94

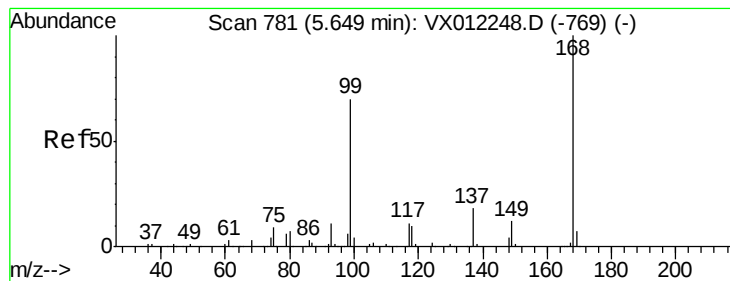
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	106928	50.140	ug/l	99
94) Hexachlorobutadiene	13.78	225	54255	51.139	ug/l	95
95) Naphthalene	13.83	128	224142	48.976	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	95507	50.616	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

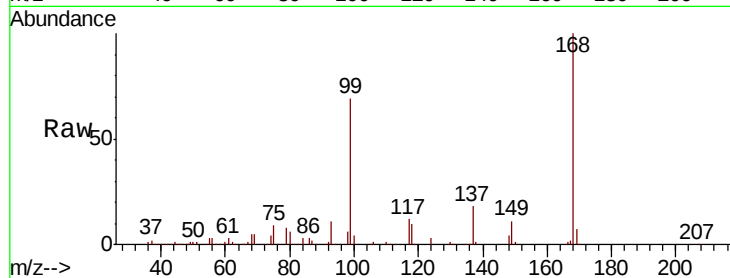
VSTDCCC050

Tgt Ion:168 Resp: 128638

Ion Ratio Lower Upper

168 100

99 68.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

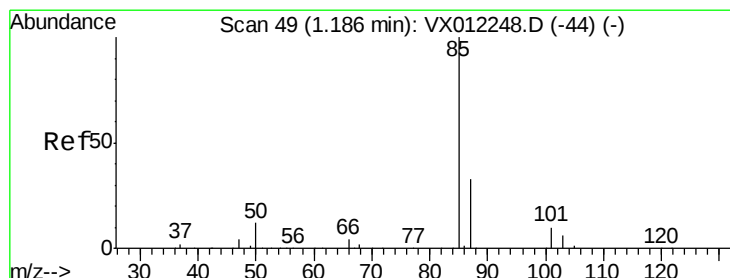
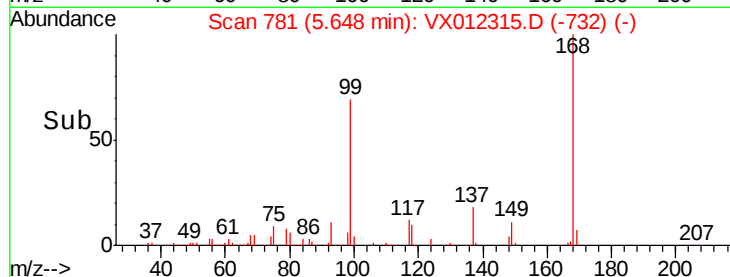
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.499 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012315.D

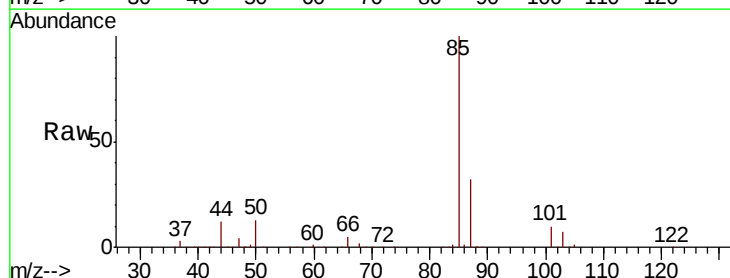
Acq: 11 Sep 2019 21:38

Tgt Ion: 85 Resp: 46800

Ion Ratio Lower Upper

85 100

87 32.0 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

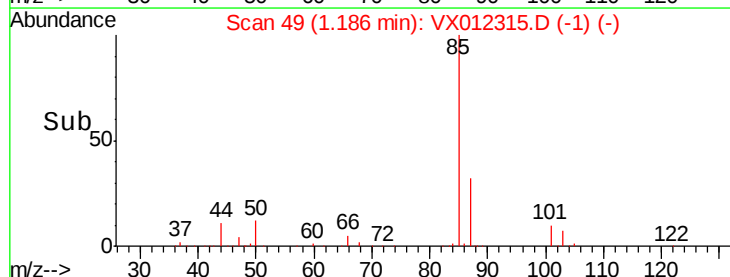
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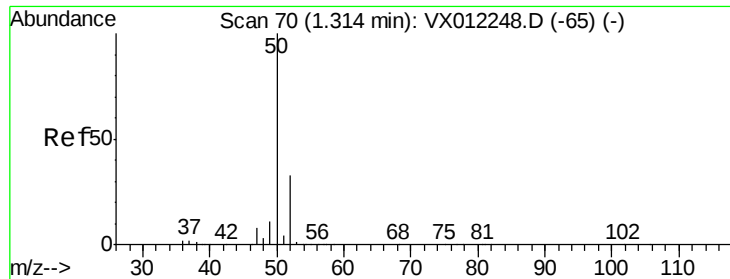
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 50.588 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

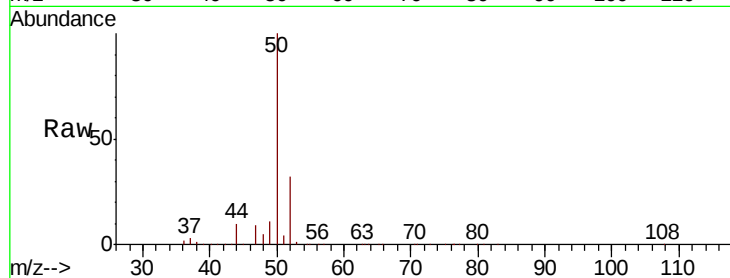
VSTDCCC050

Tgt Ion: 50 Resp: 47958

Ion Ratio Lower Upper

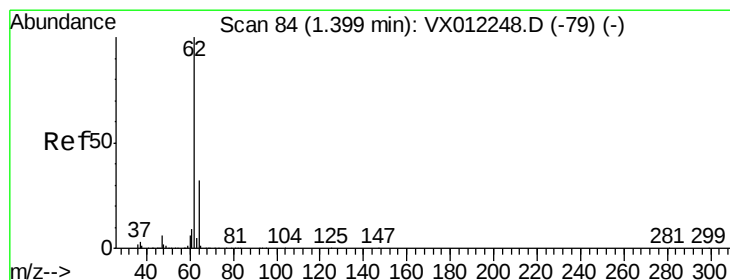
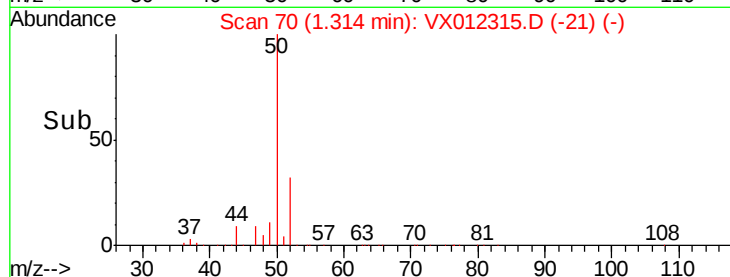
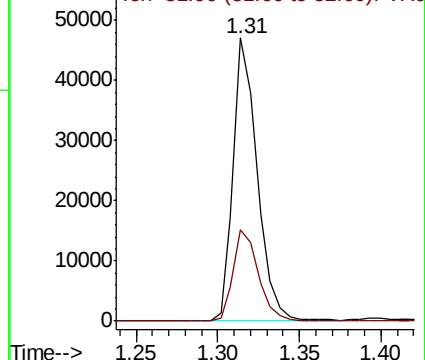
50 100

52 32.2 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.928 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012315.D

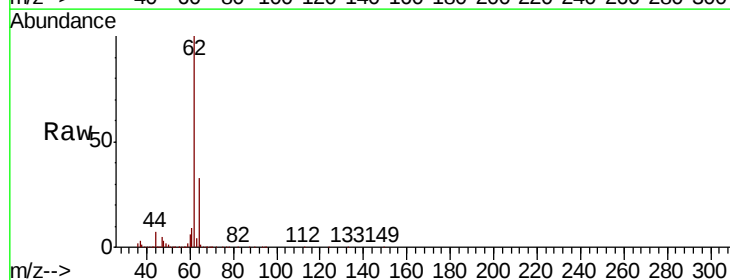
Acq: 11 Sep 2019 21:38

Tgt Ion: 62 Resp: 45992

Ion Ratio Lower Upper

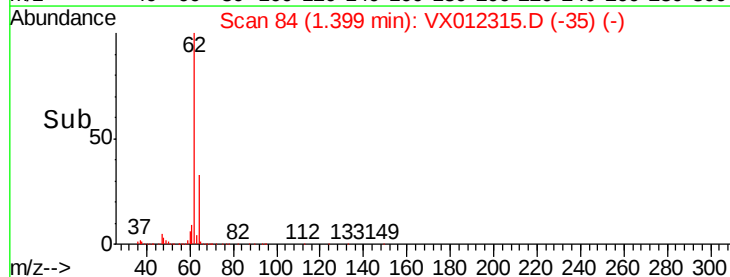
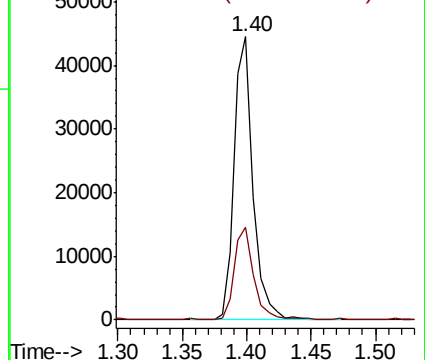
62 100

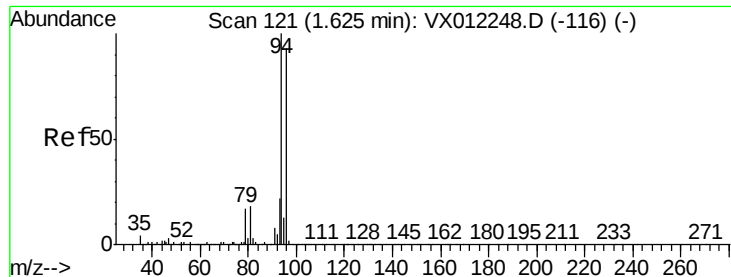
64 32.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 72.912 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

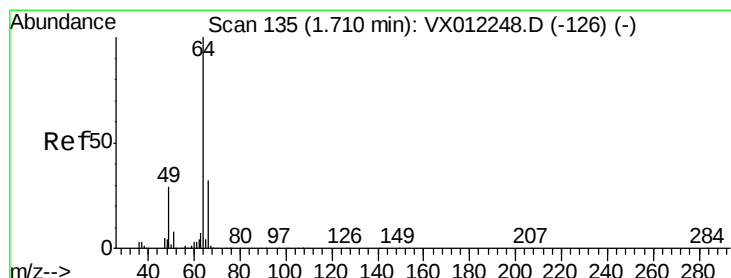
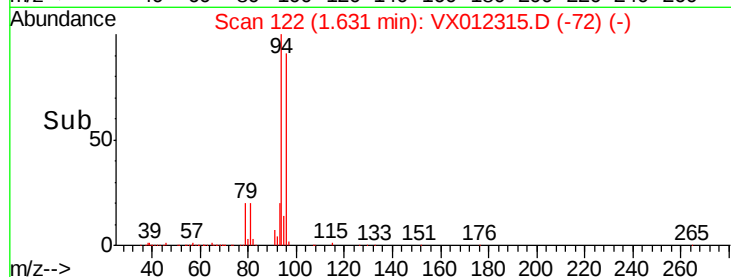
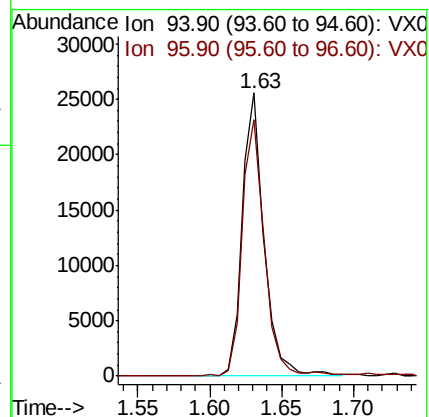
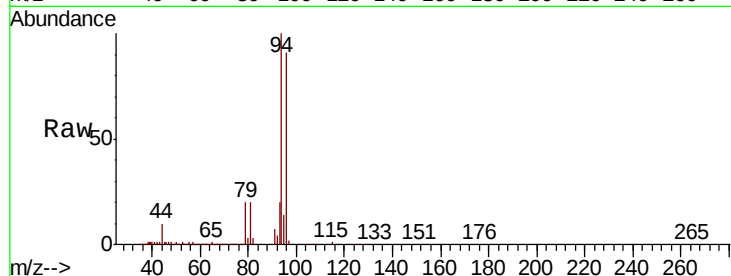
VSTDCCC050

Tgt Ion: 94 Resp: 26969

Ion Ratio Lower Upper

94 100

96 90.8 74.0 111.0



#6

Chloroethane

Concen: 49.786 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012315.D

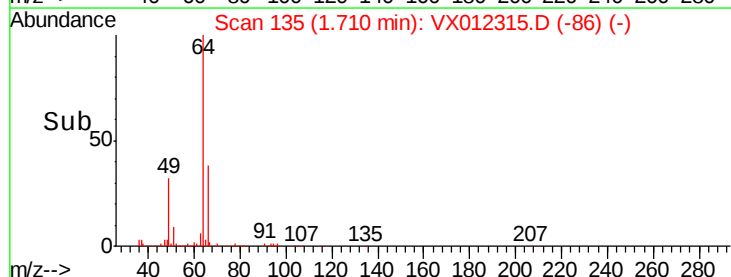
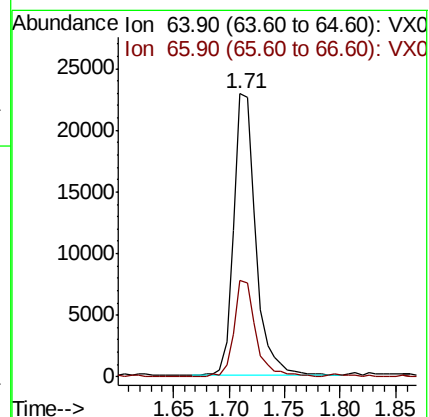
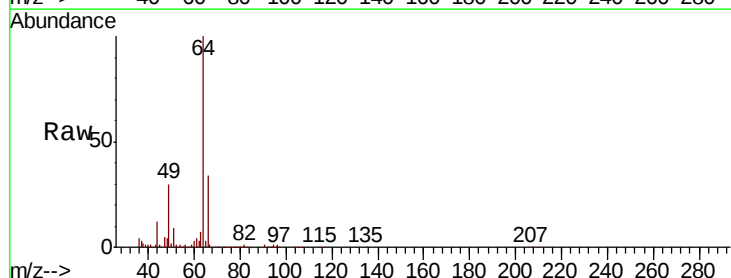
Acq: 11 Sep 2019 21:38

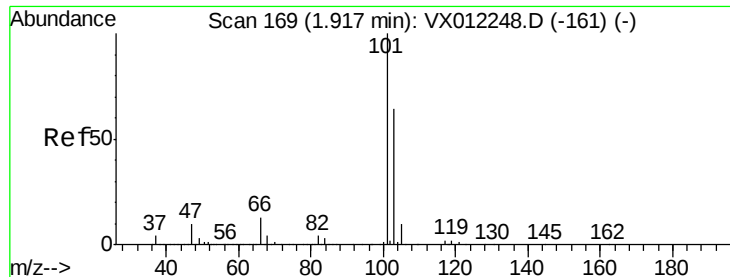
Tgt Ion: 64 Resp: 31293

Ion Ratio Lower Upper

64 100

66 34.2 25.8 38.6



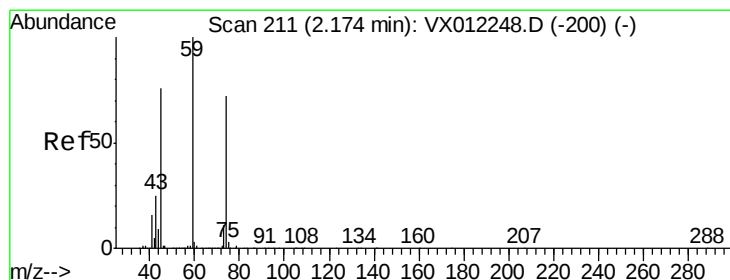
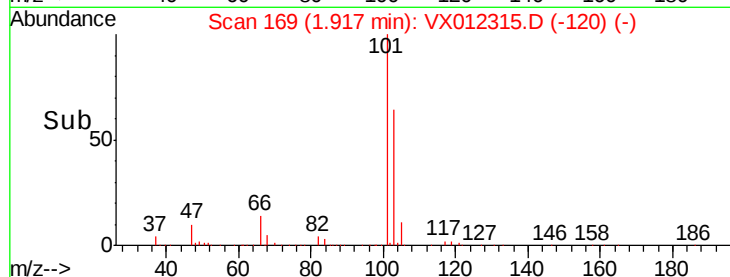
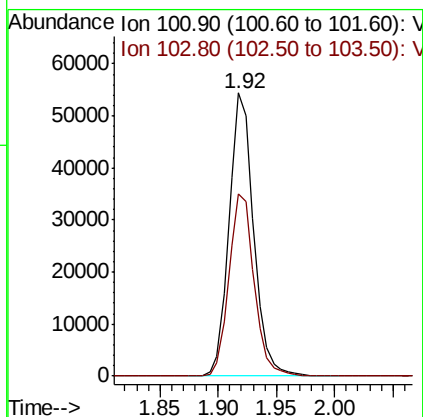
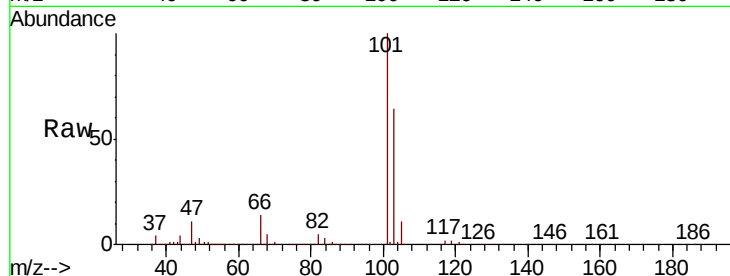


#7

Trichlorofluoromethane
 Concen: 46.921 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

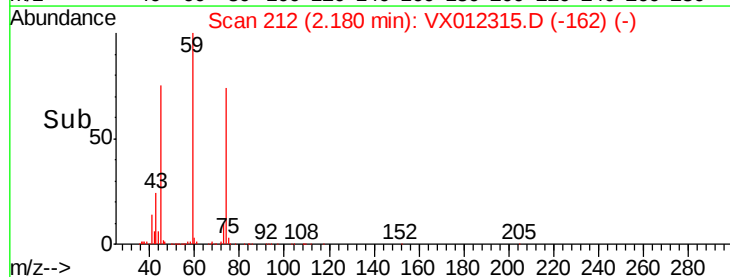
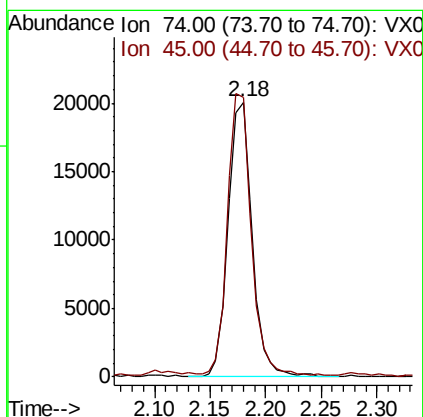
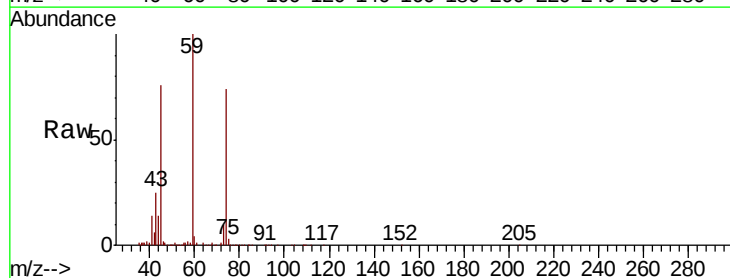
Tgt Ion: 101 Resp: 79822
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

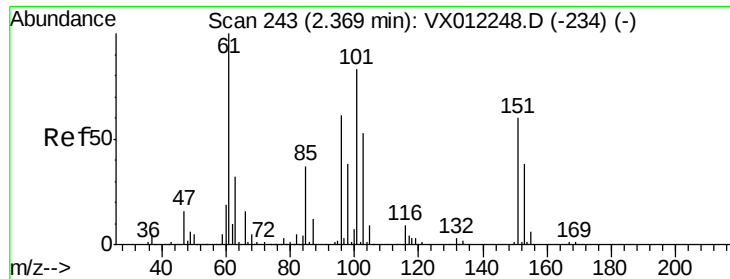


#8

Diethyl Ether
 Concen: 52.022 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 74 Resp: 30199
 Ion Ratio Lower Upper
 74 100
 45 100.5 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.227 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

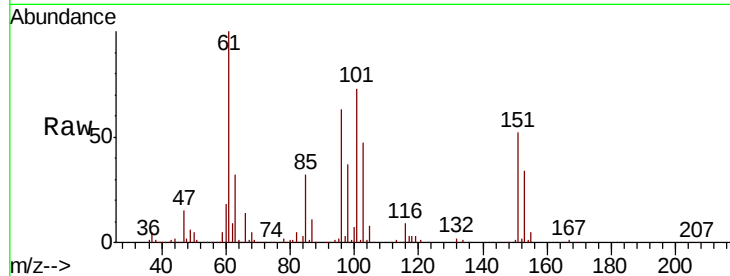
Tgt Ion:101 Resp: 58735

Ion Ratio Lower Upper

101 100

85 45.2 37.0 55.6

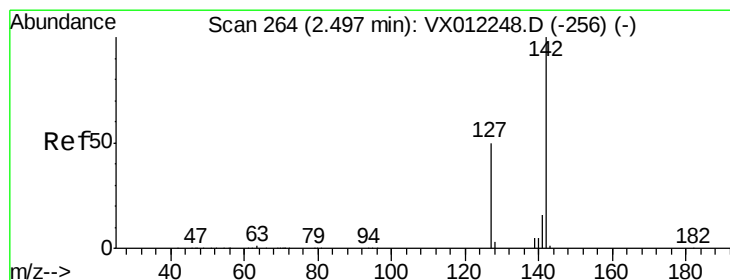
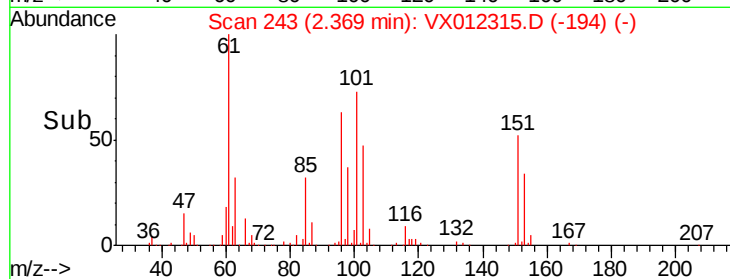
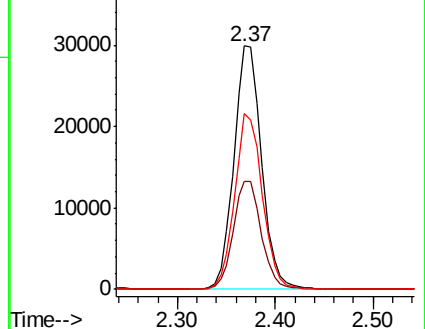
151 72.0 58.6 87.8



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: 40.106 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

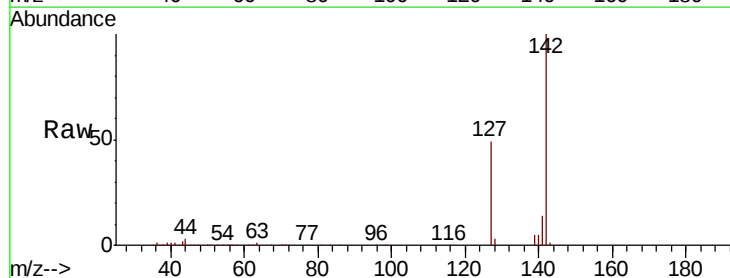
Tgt Ion:142 Resp: 43766

Ion Ratio Lower Upper

142 100

127 50.0 40.6 61.0

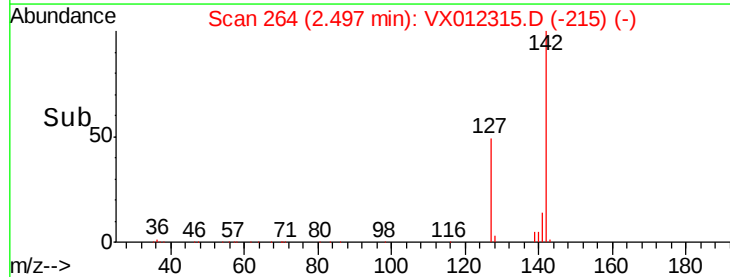
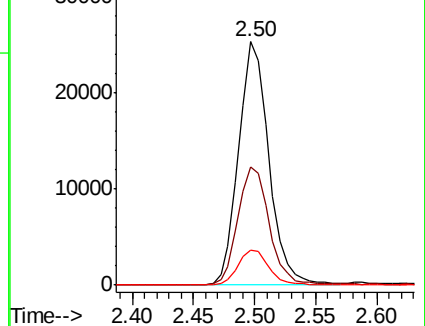
141 14.7 12.0 18.0

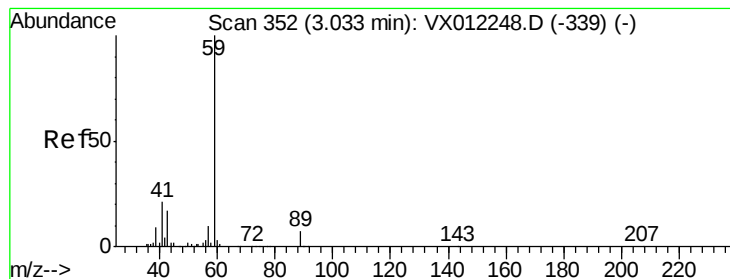


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



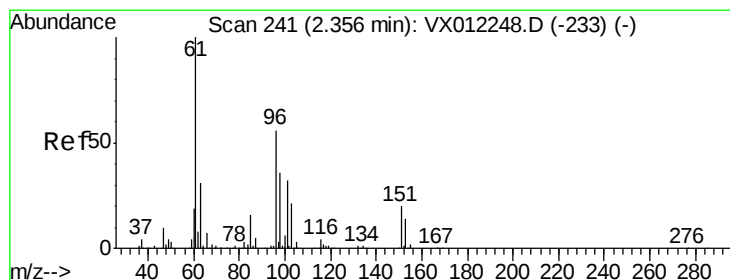
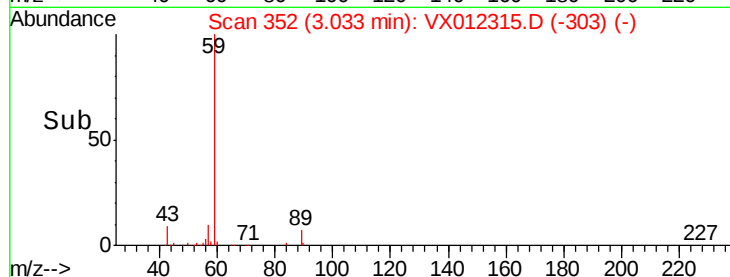
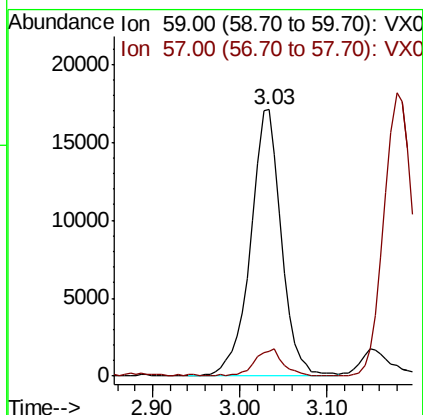
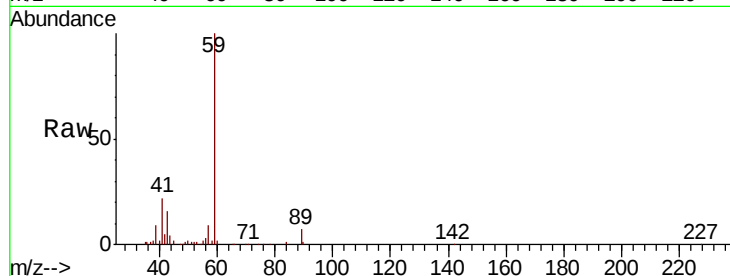


#11

Tert butyl alcohol
 Concen: 216.442 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

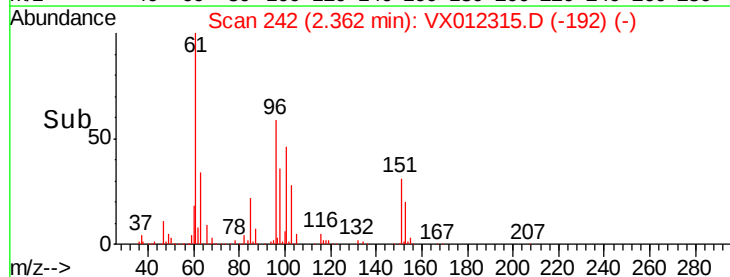
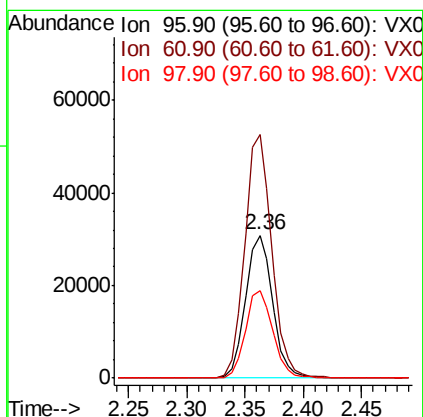
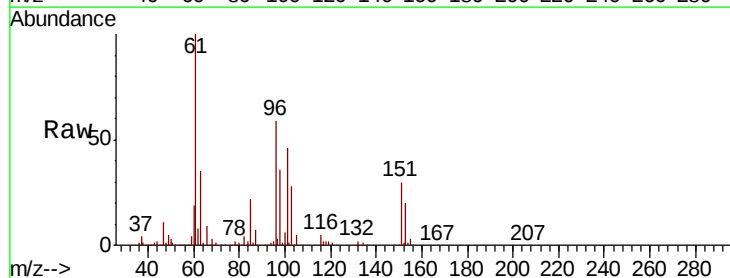
Tgt Ion: 59 Resp: 42038
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.8 11.6

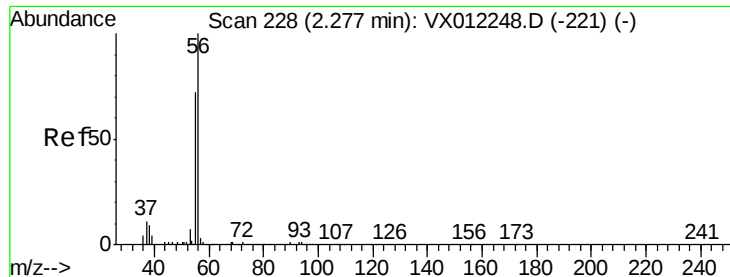


#12

1,1-Dichloroethene
 Concen: 51.726 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 96 Resp: 50350
 Ion Ratio Lower Upper
 96 100
 61 169.9 142.2 213.2
 98 61.5 51.3 76.9





#13

Acrolein

Concen: 240.031 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

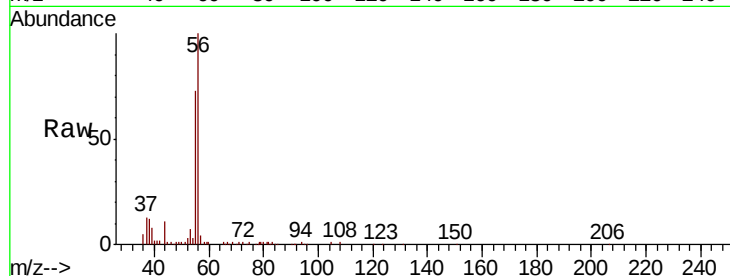
VSTDCCC050

Tgt Ion: 56 Resp: 22820

Ion Ratio Lower Upper

56 100

55 70.4 59.8 89.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

15000

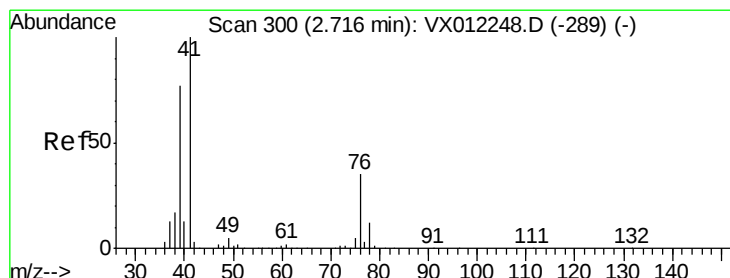
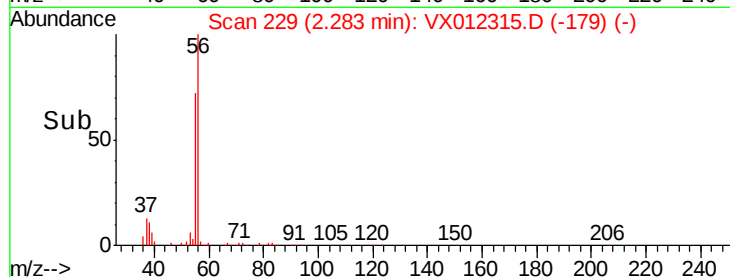
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 50.300 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

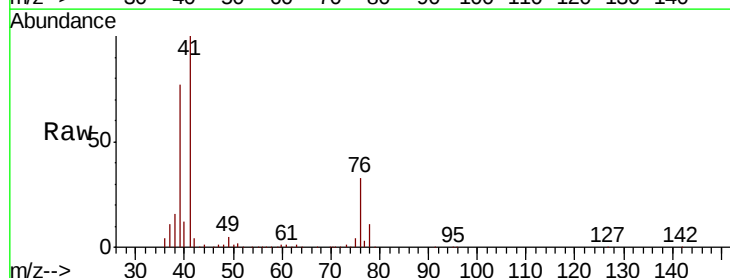
Tgt Ion: 41 Resp: 99822

Ion Ratio Lower Upper

41 100

39 72.1 58.6 87.8

76 32.9 26.3 39.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

60000

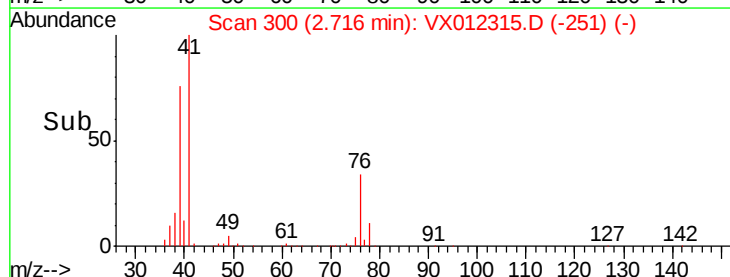
40000

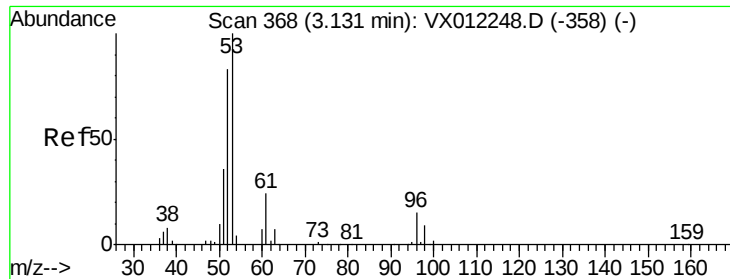
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 252.434 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

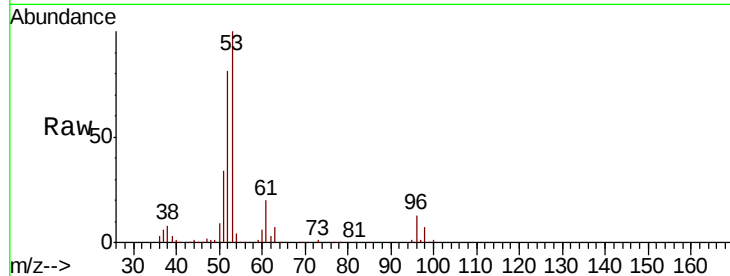
Tgt Ion: 53 Resp: 90583

Ion Ratio Lower Upper

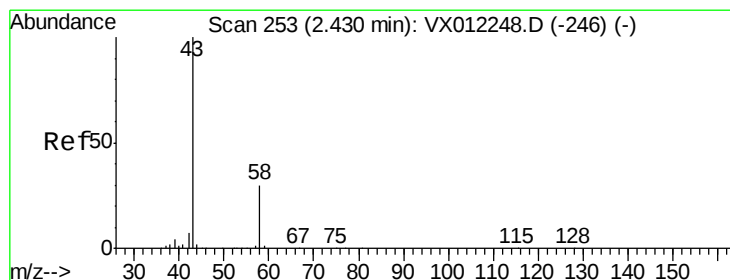
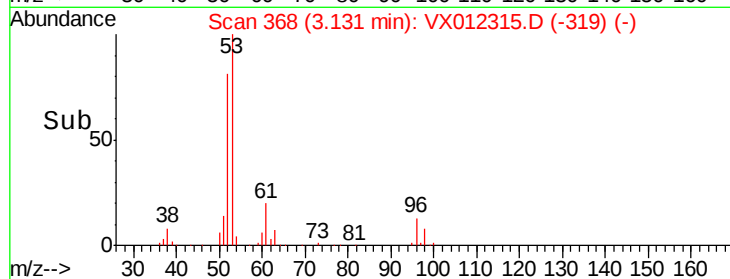
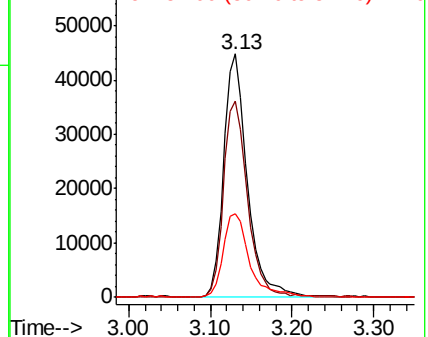
53 100

52 82.1 66.8 100.2

51 37.4 30.7 46.1



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: 193.231 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012315.D

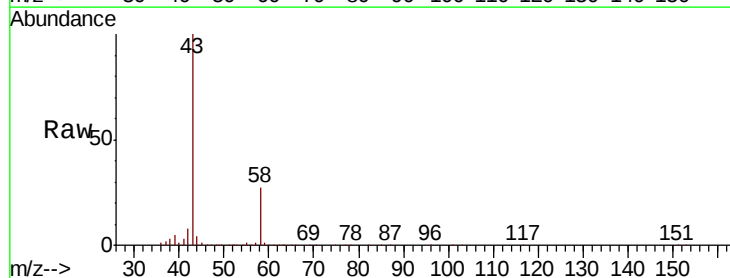
Acq: 11 Sep 2019 21:38

Tgt Ion: 43 Resp: 83193

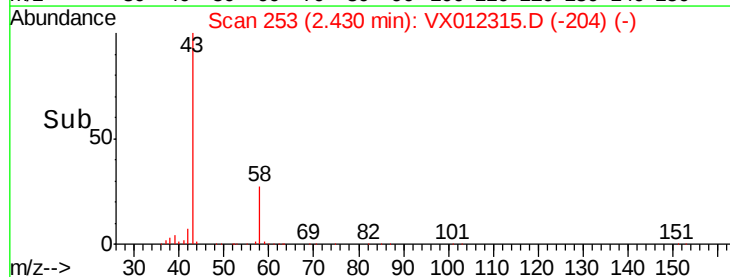
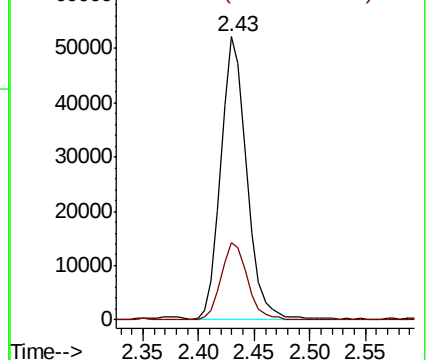
Ion Ratio Lower Upper

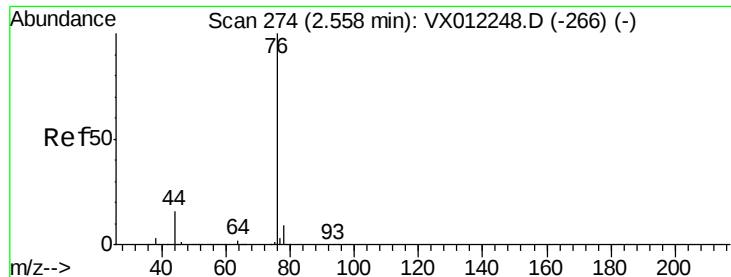
43 100

58 27.1 23.6 35.4



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





#17

Carbon Disulfide

Concen: 47.495 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

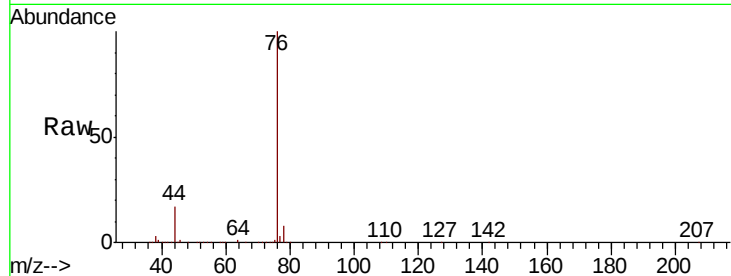
VSTDCCC050

Tgt Ion: 76 Resp: 97083

Ion Ratio Lower Upper

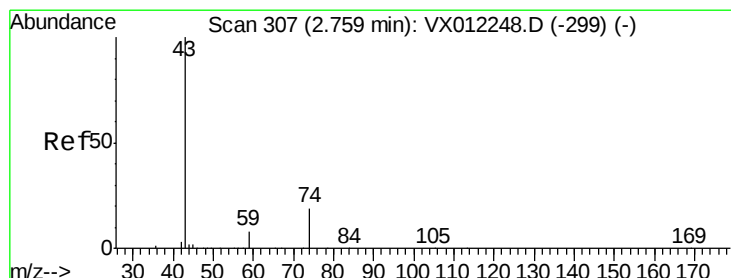
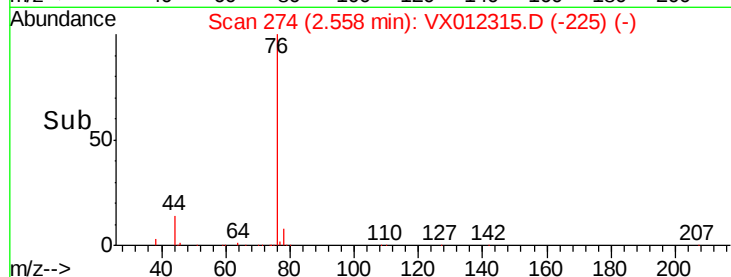
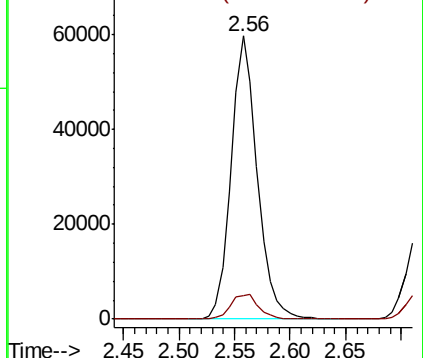
76 100

78 8.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.991 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012315.D

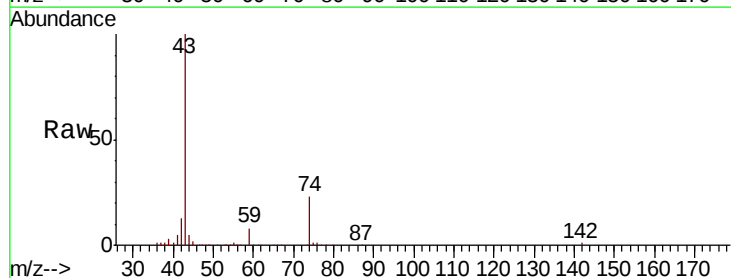
Acq: 11 Sep 2019 21:38

Tgt Ion: 43 Resp: 43429

Ion Ratio Lower Upper

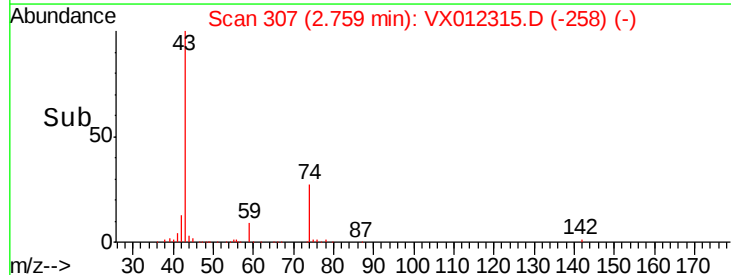
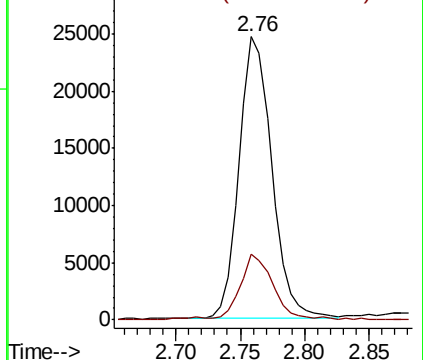
43 100

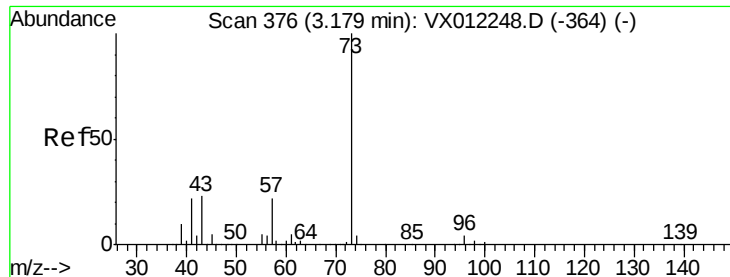
74 22.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



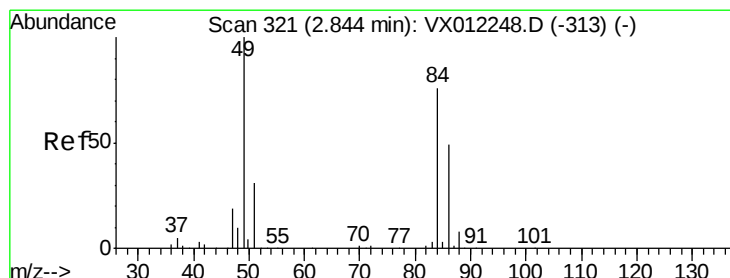
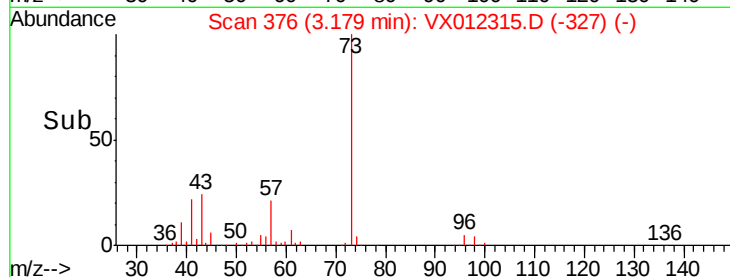
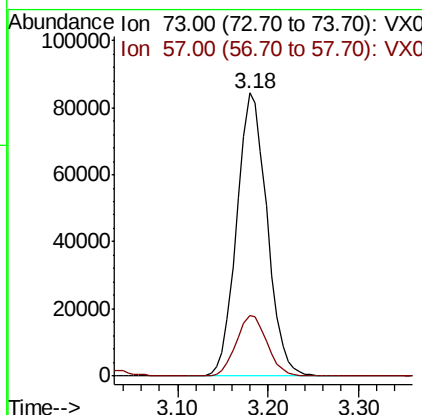
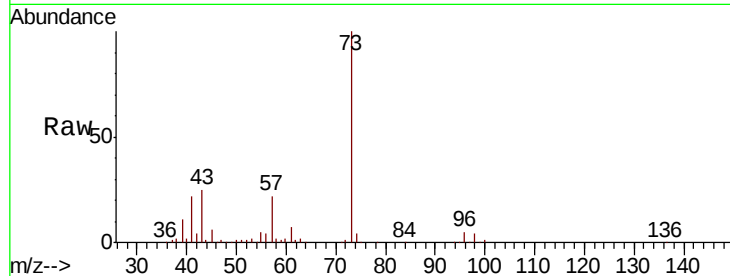


#19

Methyl tert-butyl Ether
 Concen: 50.950 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

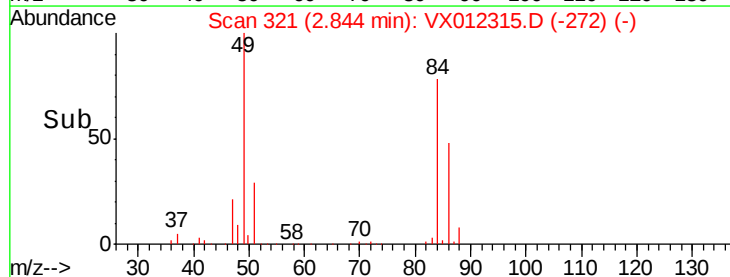
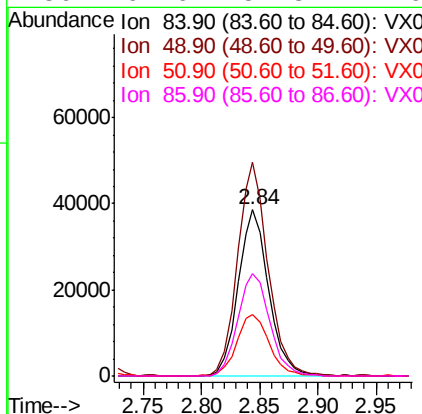
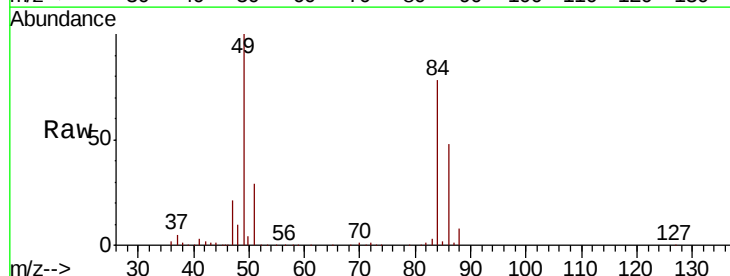
Tgt Ion: 73 Resp: 195855
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.7 26.5

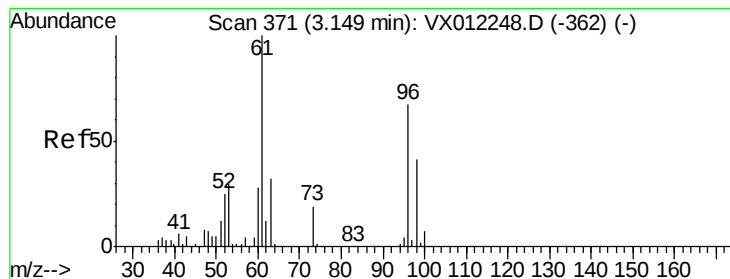


#20

Methylene Chloride
 Concen: 52.676 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 84 Resp: 70566
 Ion Ratio Lower Upper
 84 100
 49 128.7 105.0 157.6
 51 37.1 32.6 48.8
 86 61.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.264 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

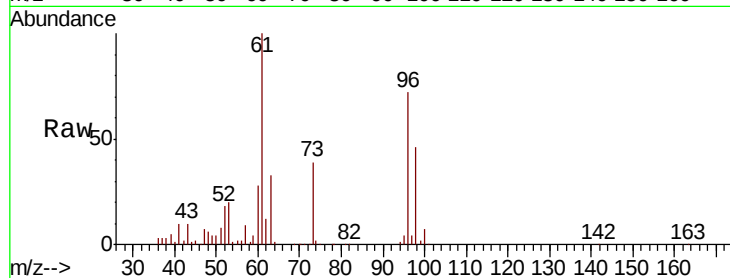
Tgt Ion: 96 Resp: 59534

Ion Ratio Lower Upper

96 100

61 138.0 119.4 179.2

98 64.2 48.4 72.6

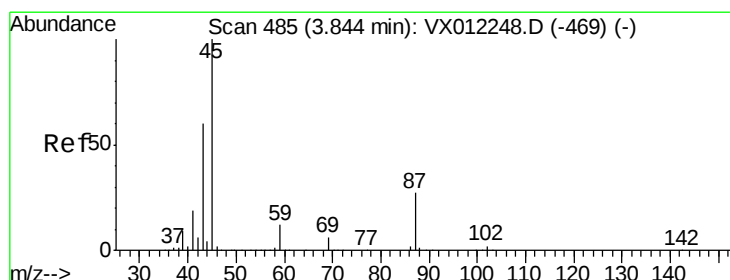
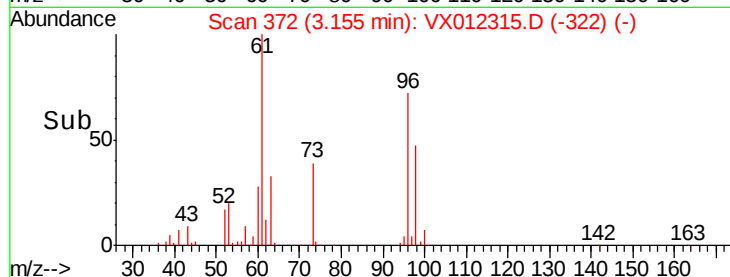
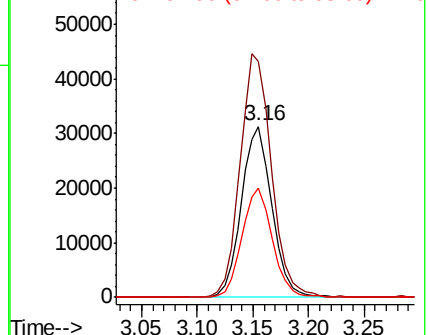


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.702 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion: 45 Resp: 239192

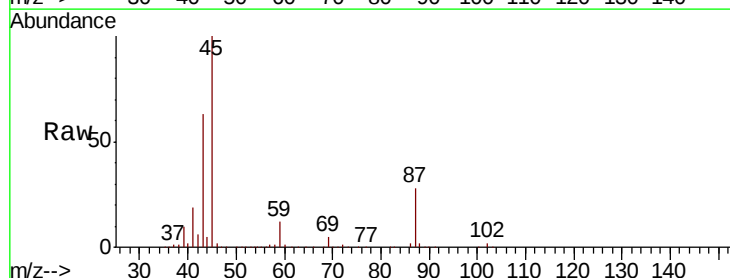
Ion Ratio Lower Upper

45 100

43 63.3 48.3 72.5

87 27.7 21.8 32.8

59 11.6 9.1 13.7



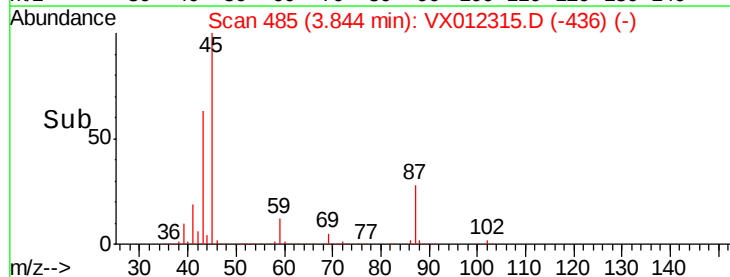
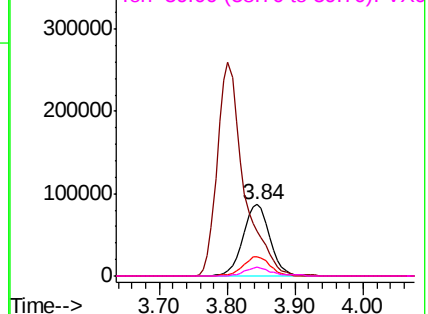
Abundance

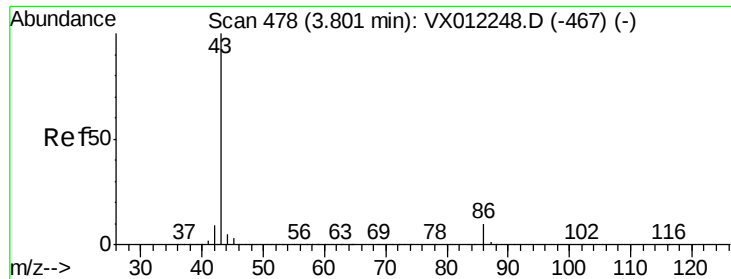
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 253.162 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

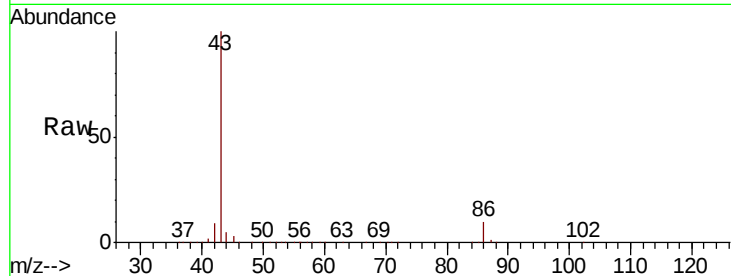
VSTDCCC050

Tgt Ion: 43 Resp: 704959

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

250000

200000

150000

100000

50000

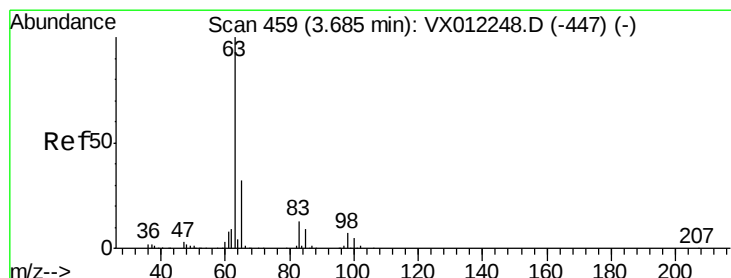
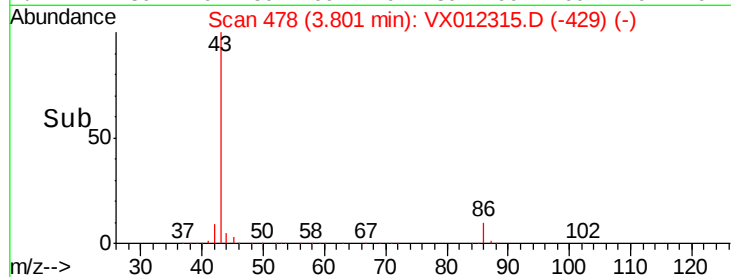
0

Time-->

3.60

3.80

4.00



#24

1,1-Dichloroethane

Concen: 52.851 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

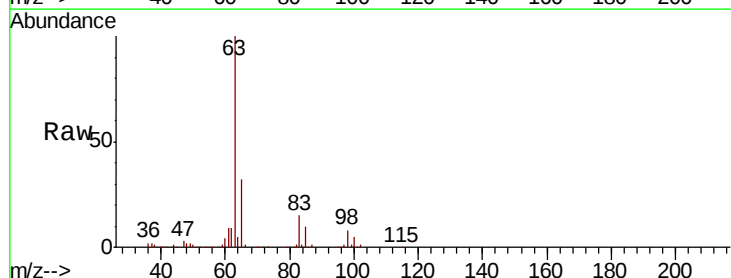
Tgt Ion: 63 Resp: 128486

Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.1

100 4.9 2.4 7.2



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

3.69

60000

40000

20000

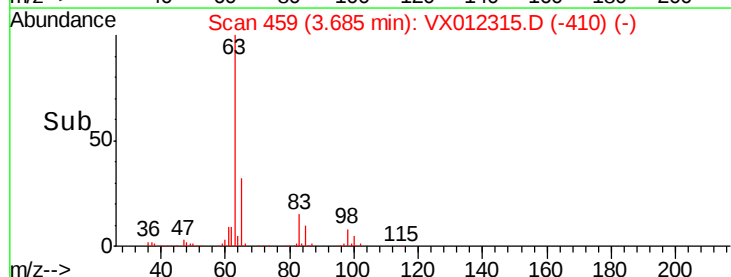
0

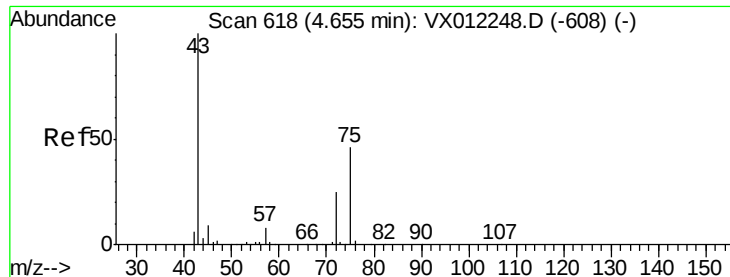
Time-->

3.60

3.70

3.80





#25

2-Butanone

Concen: 228.918 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

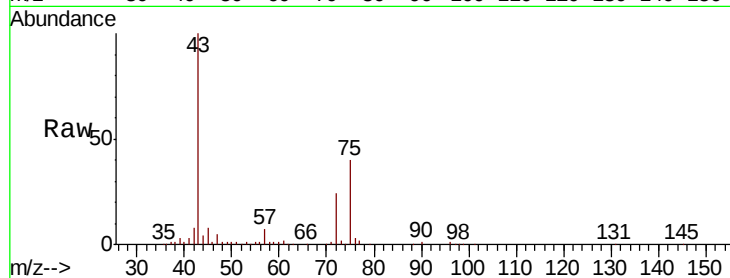
VSTDCCC050

Tgt Ion: 43 Resp: 125992

Ion Ratio Lower Upper

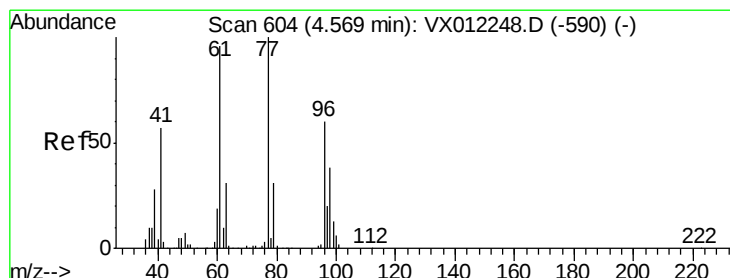
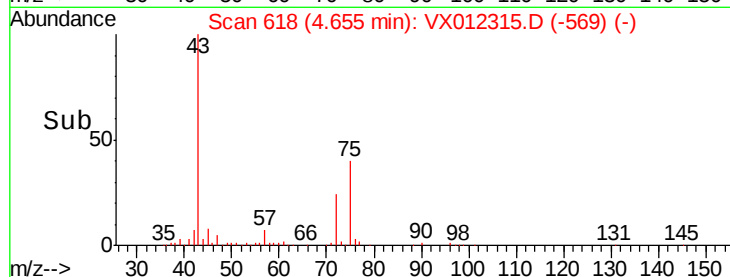
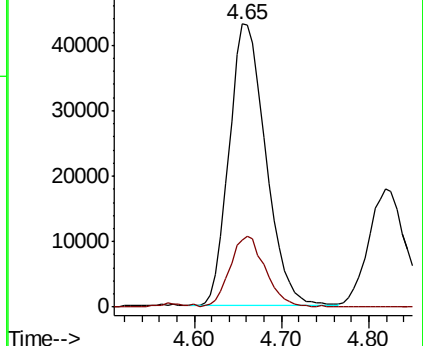
43 100

72 23.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.391 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012315.D

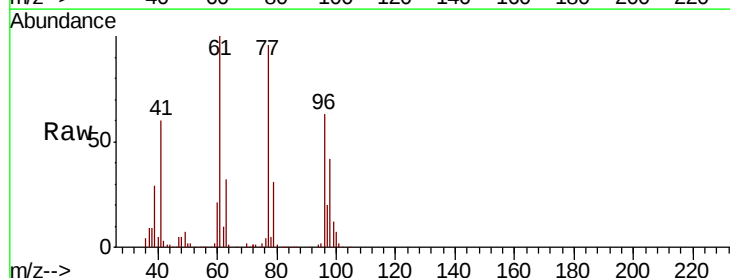
Acq: 11 Sep 2019 21:38

Tgt Ion: 77 Resp: 101318

Ion Ratio Lower Upper

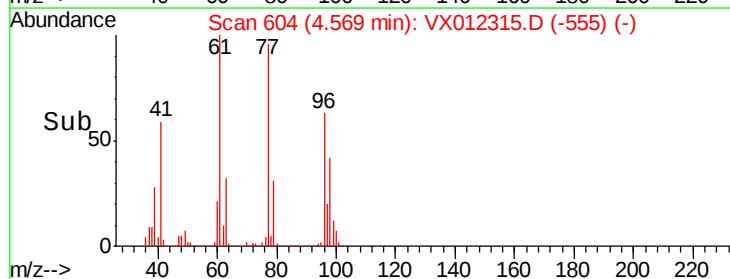
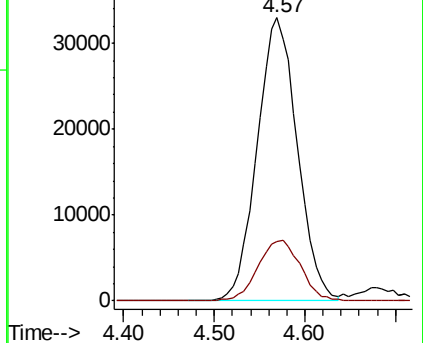
77 100

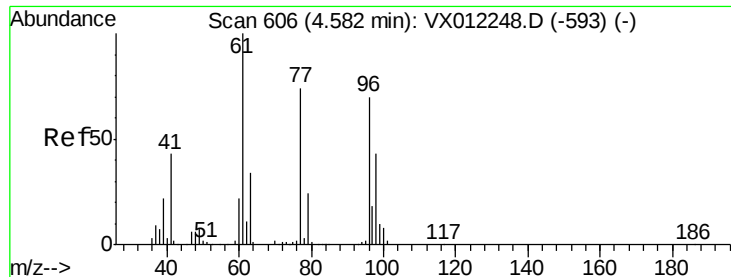
97 22.7 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



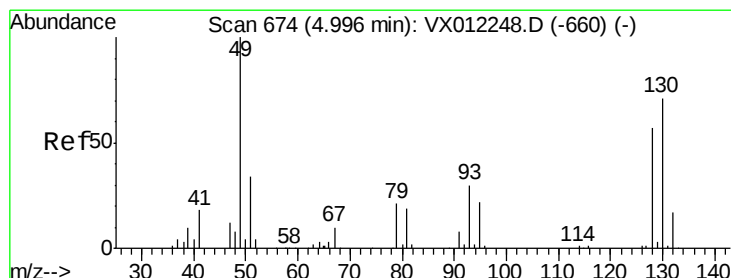
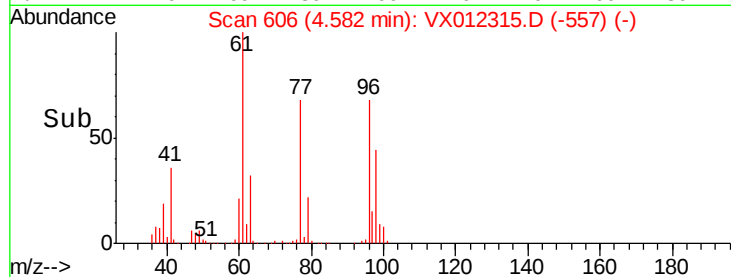
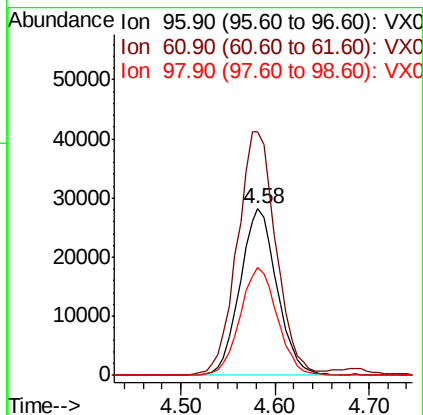
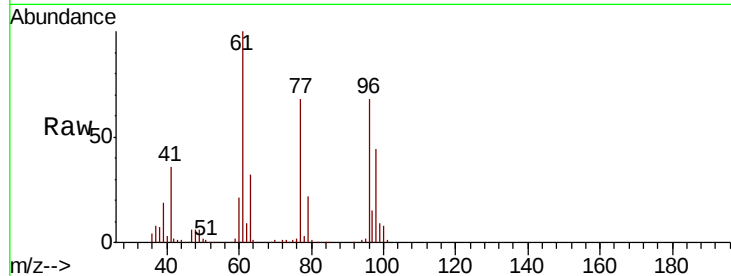


#27

cis-1,2-Dichloroethene
Concen: 51.494 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

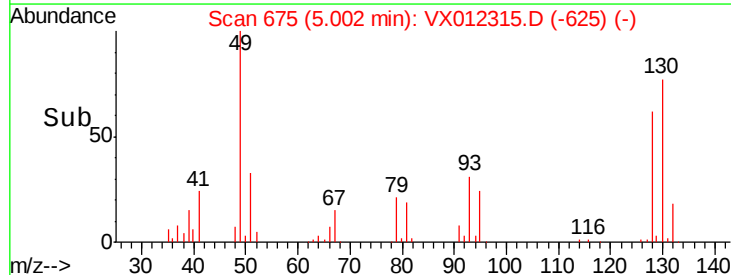
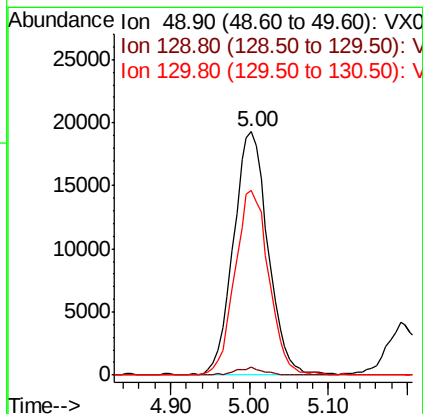
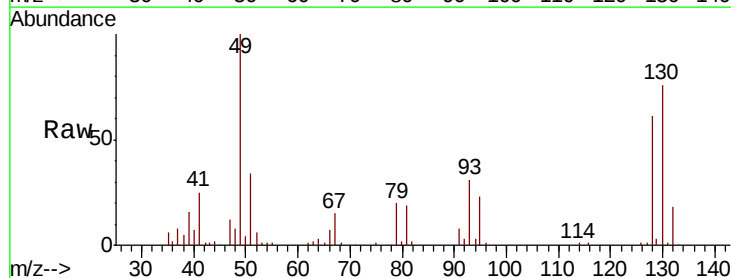
Tgt Ion: 96 Resp: 77207
Ion Ratio Lower Upper
96 100
61 153.8 0.0 310.4
98 65.6 0.0 128.8

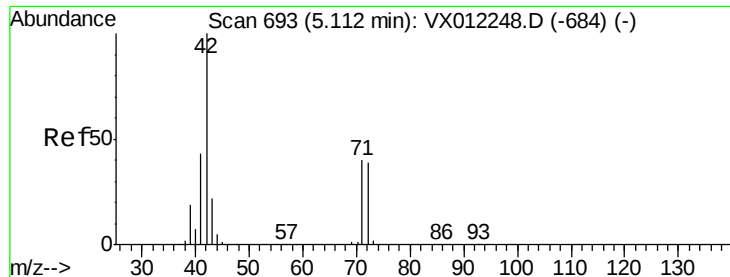


#28

Bromochloromethane
Concen: 51.718 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion: 49 Resp: 58968
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.2
130 74.2 60.1 90.1





#29

Tetrahydrofuran

Concen: 253.690 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

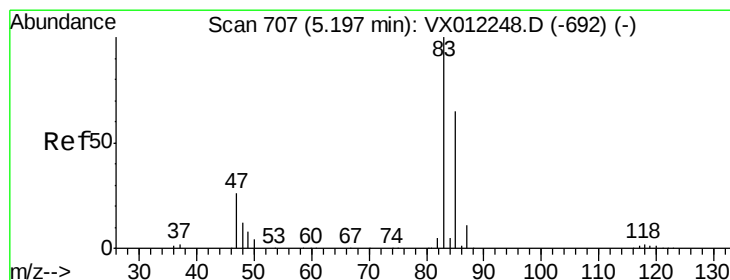
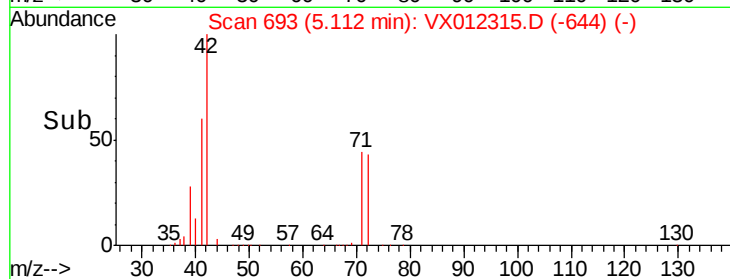
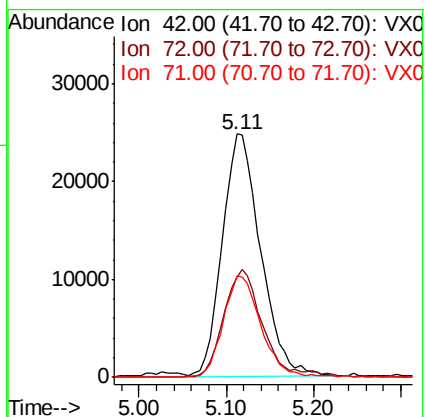
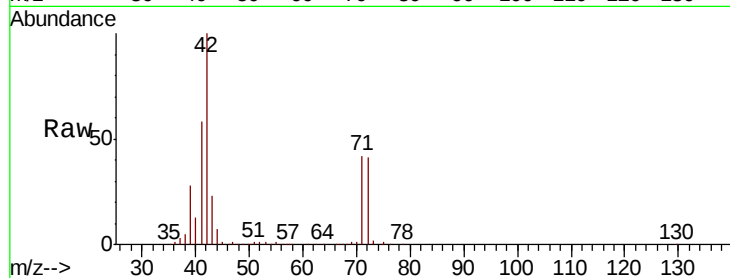
Tgt Ion: 42 Resp: 75334

Ion Ratio Lower Upper

42 100

72 45.5 35.2 52.8

71 41.2 32.5 48.7



#30

Chloroform

Concen: 52.126 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012315.D

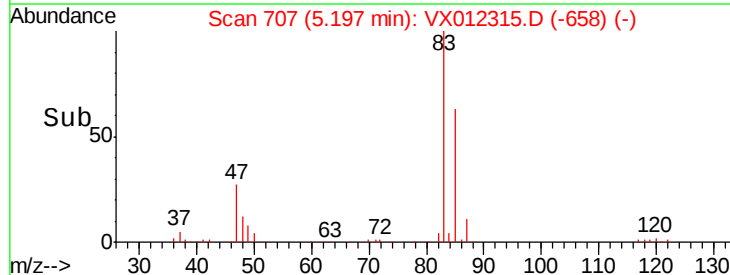
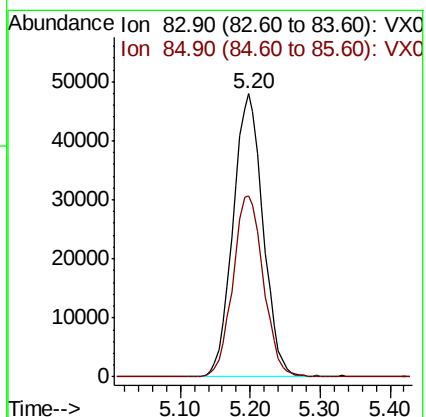
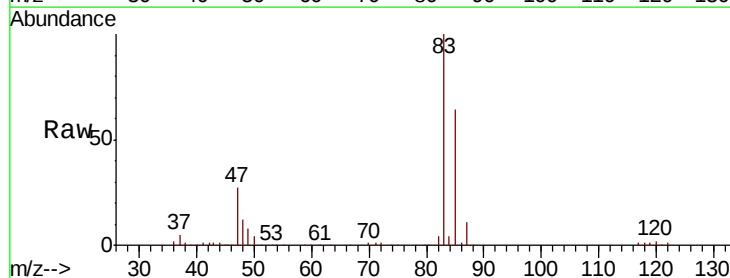
Acq: 11 Sep 2019 21:38

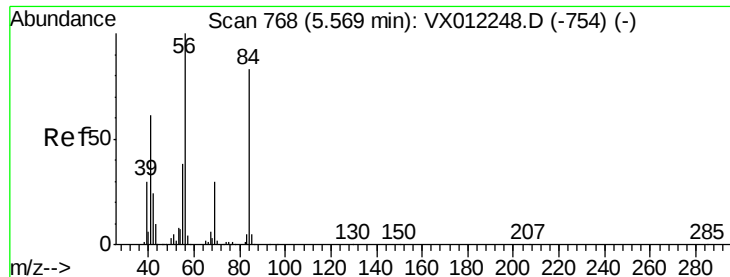
Tgt Ion: 83 Resp: 142899

Ion Ratio Lower Upper

83 100

85 63.9 52.3 78.5

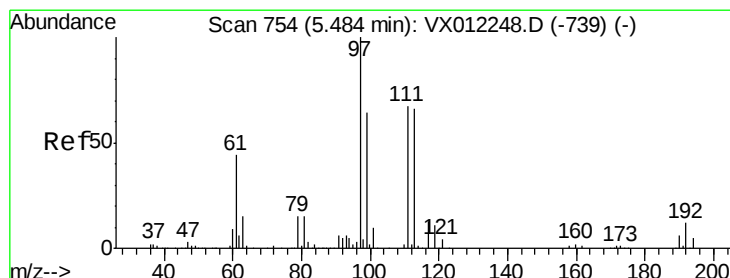
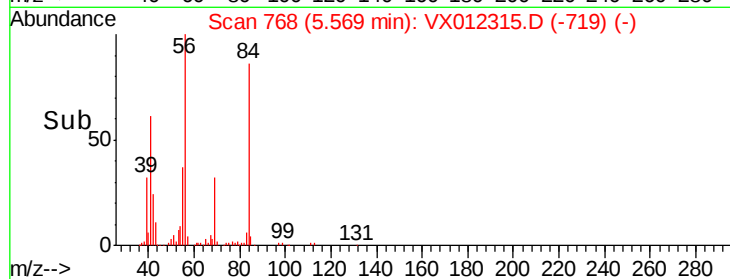
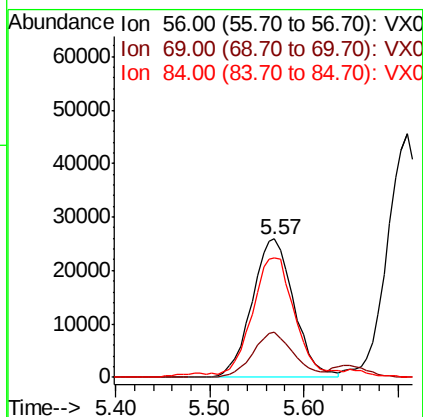
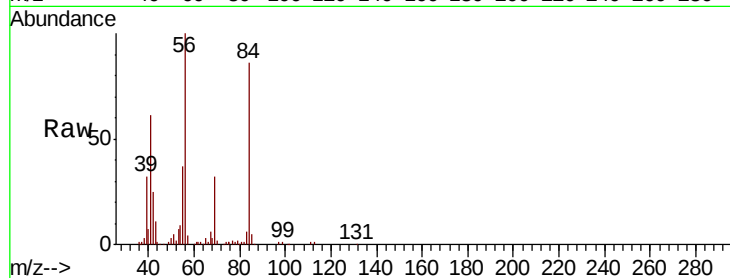




#31
Cyclohexane
Concen: 47.780 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

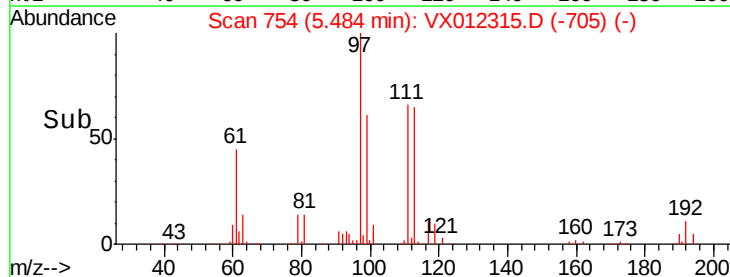
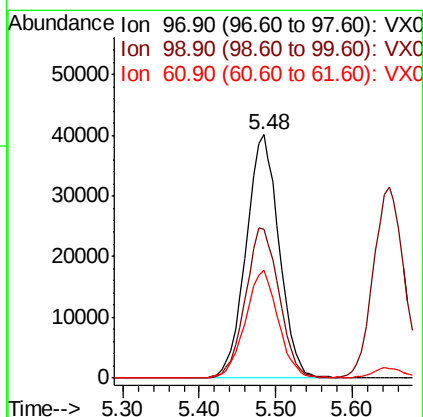
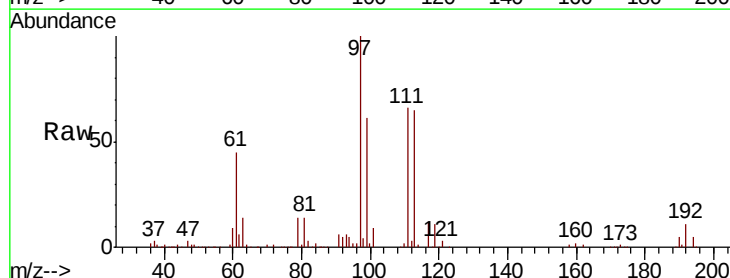
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

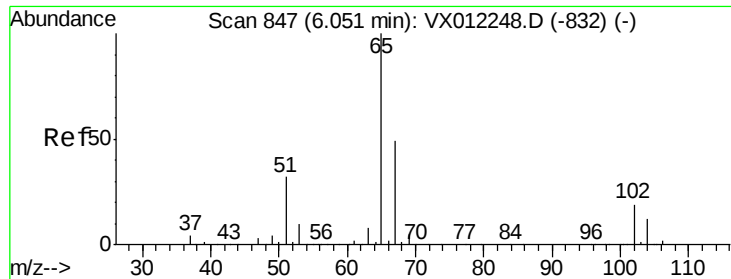
Tgt Ion	Resp	Lower	Upper
56	100		
69	32.3	23.8	35.6
84	83.9	66.6	100.0



#32
1,1,1-Trichloroethane
Concen: 51.167 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Resp	Lower	Upper
97	100		
99	62.7	51.3	76.9
61	44.2	35.4	53.0

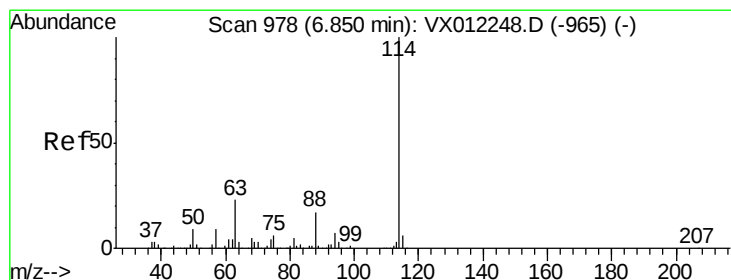
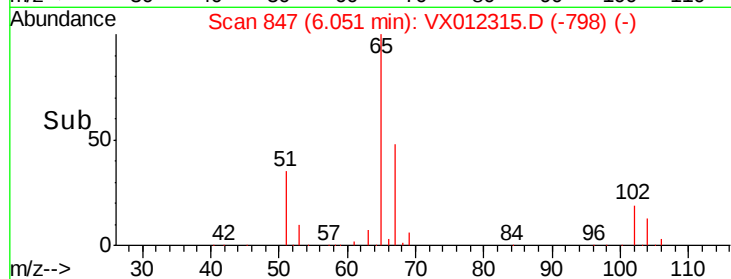
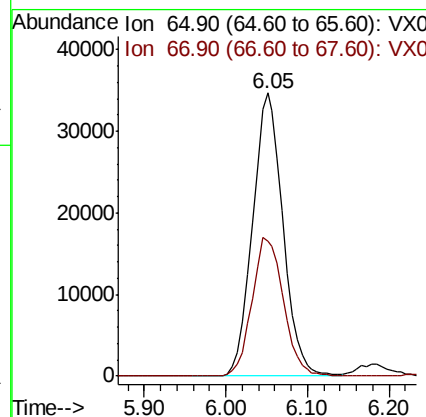
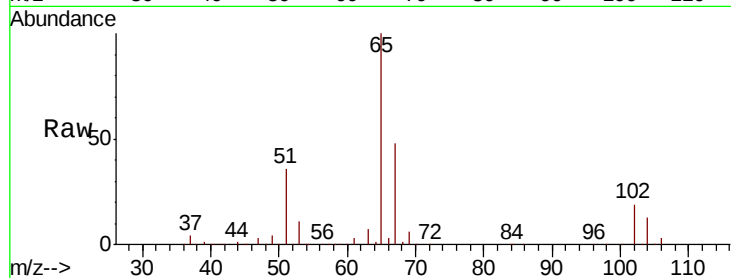




#33
 1,2-Dichloroethane-d4
 Concen: 49.620 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

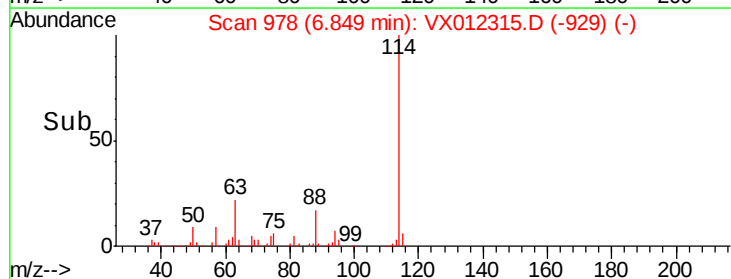
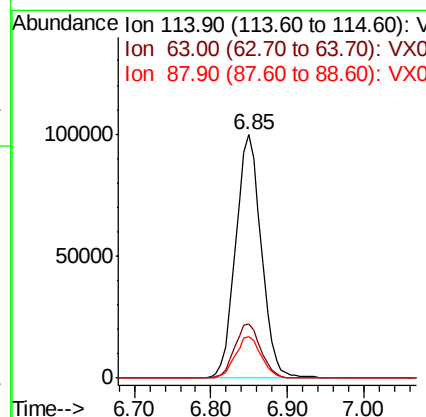
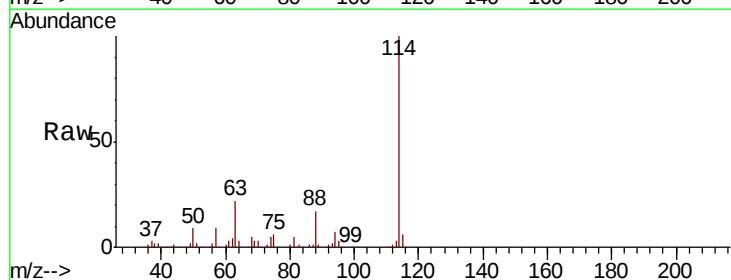
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

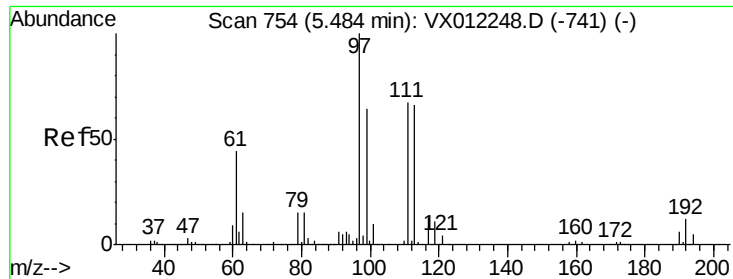
Tgt Ion: 65 Resp: 90244
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 114 Resp: 231219
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 17.2 0.0 34.8

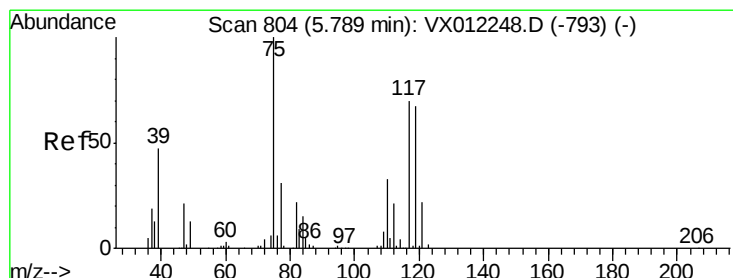
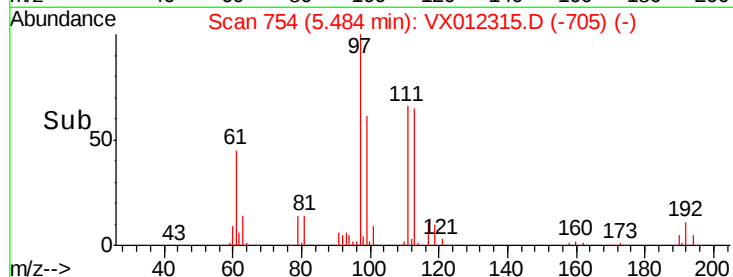
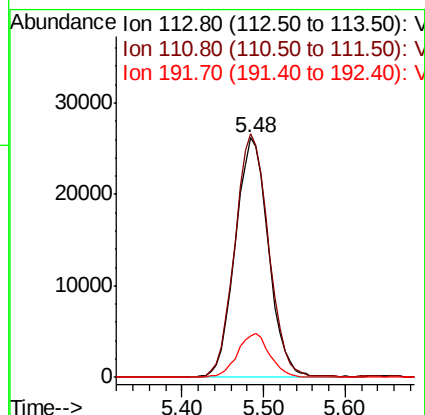
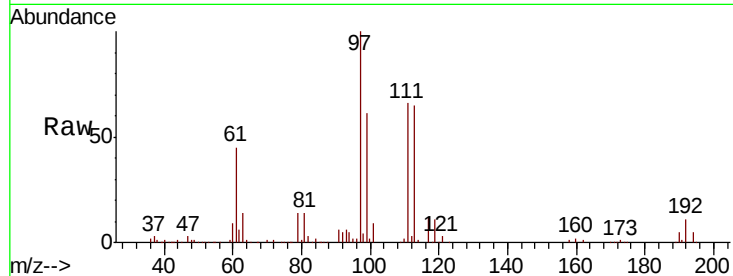




#35
Dibromofluoromethane
Concen: 49.739 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

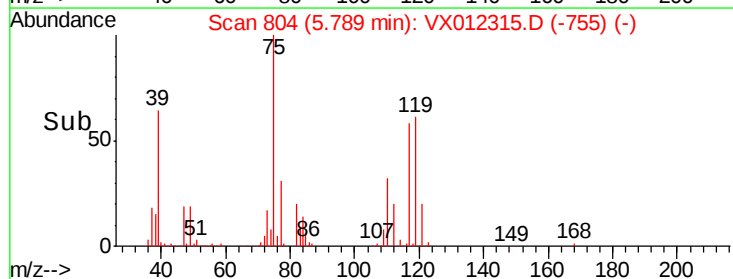
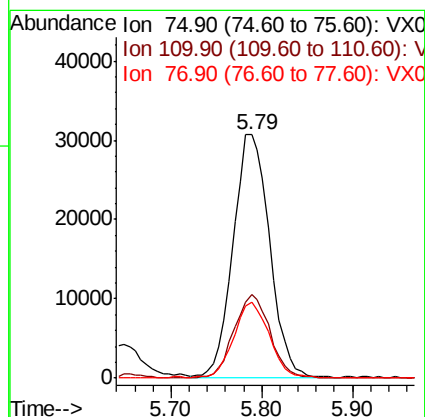
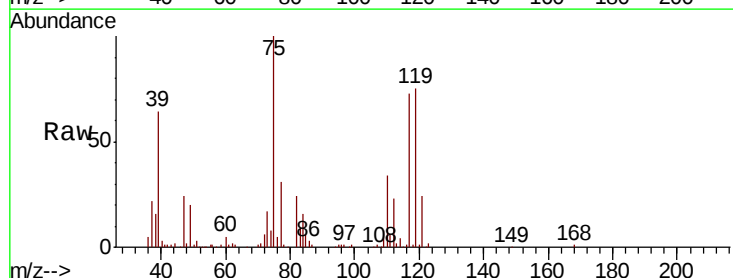
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

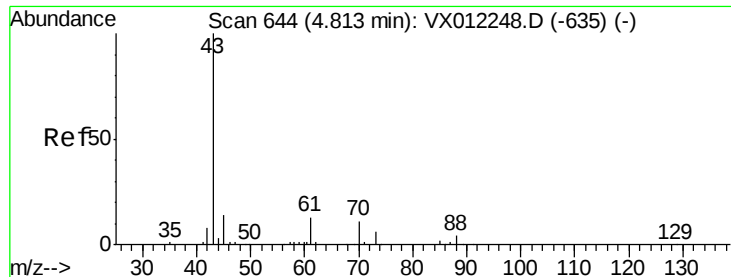
Tgt Ion:113 Resp: 73724
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 18.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 50.517 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion: 75 Resp: 85171
Ion Ratio Lower Upper
75 100
110 34.1 16.8 50.4
77 30.8 24.5 36.7

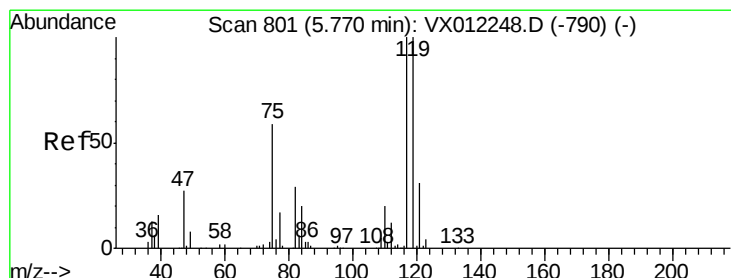
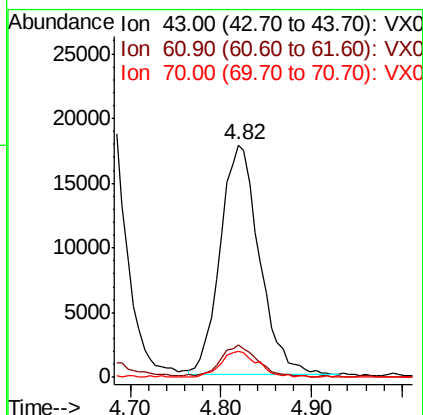
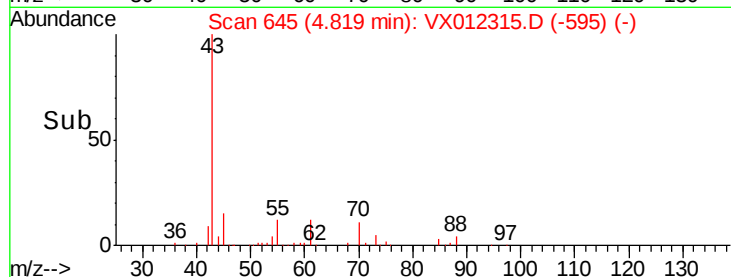
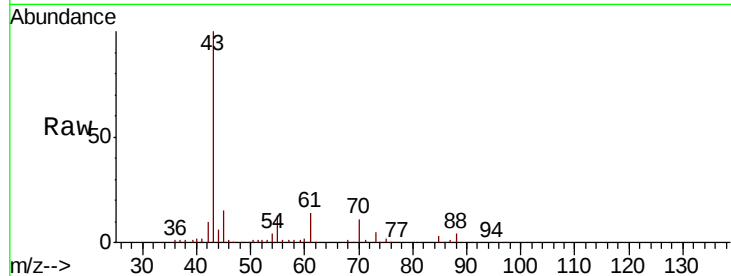




#37
Ethyl Acetate
Concen: 51.222 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

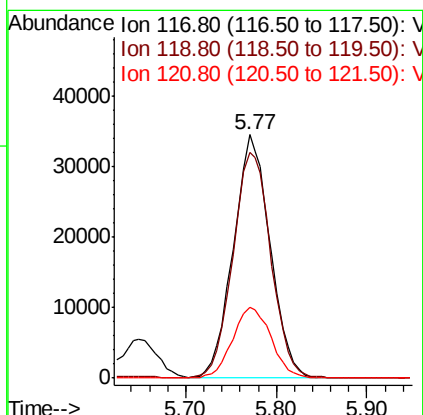
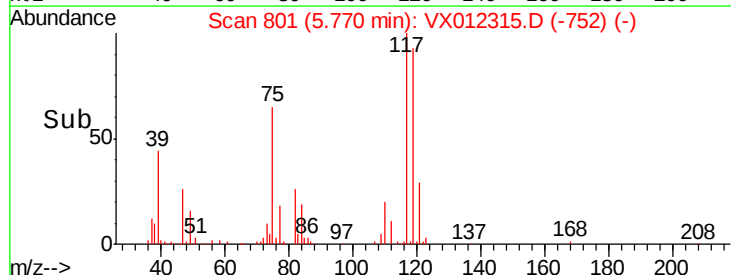
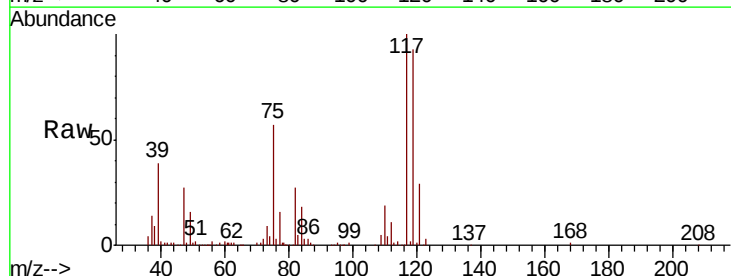
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

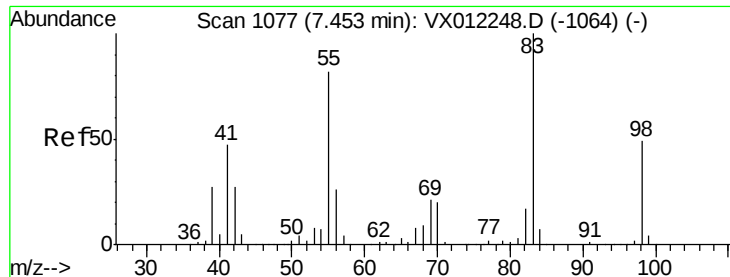
Tgt Ion: 43 Resp: 53384
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 11.2 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.107 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion: 117 Resp: 97138
Ion Ratio Lower Upper
117 100
119 92.7 79.6 119.4
121 29.1 24.7 37.1

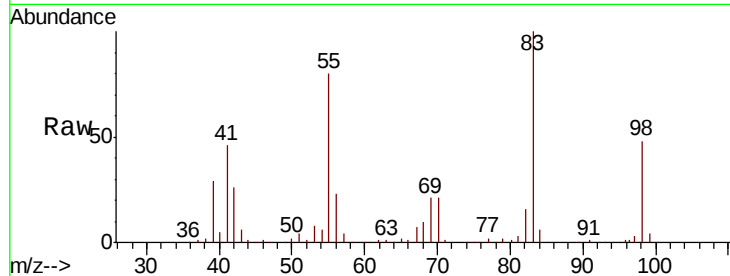




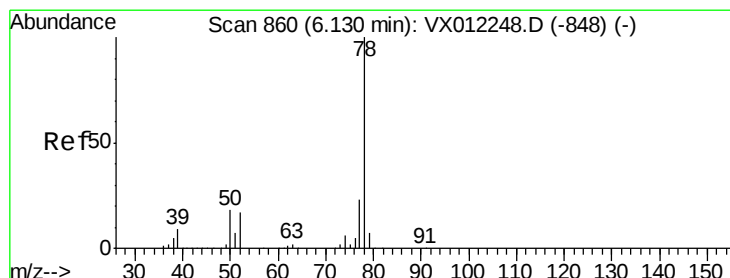
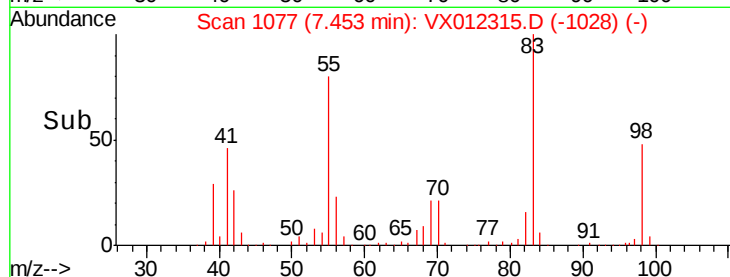
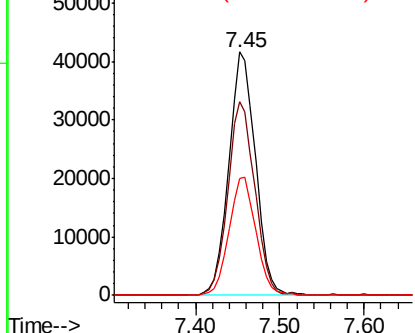
#39
Methylcyclohexane
Concen: 48.351 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 89461
Ion Ratio Lower Upper
83 100
55 79.6 65.4 98.2
98 48.1 39.6 59.4

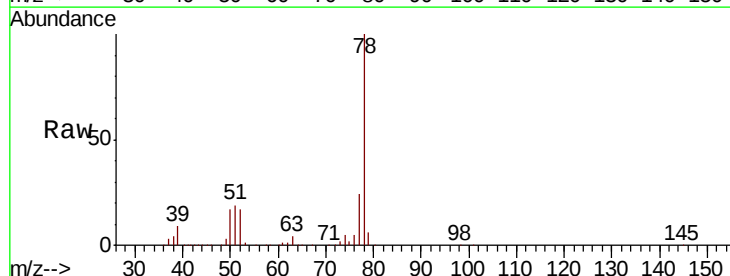


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

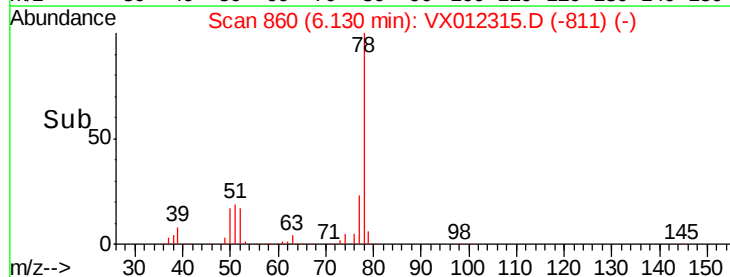
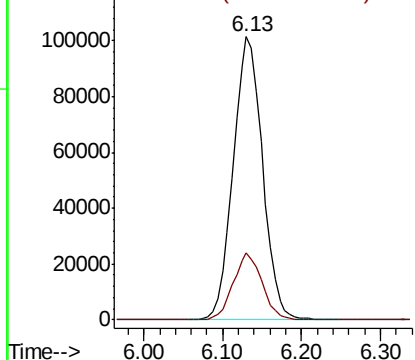


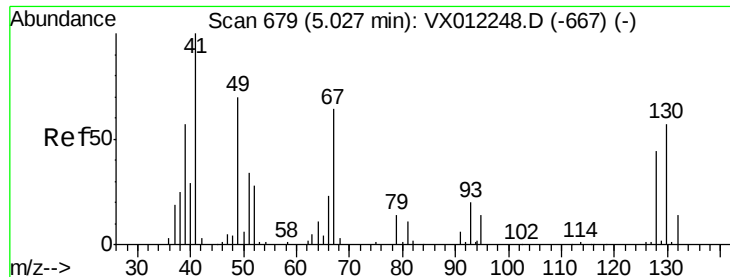
#40
Benzene
Concen: 51.448 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion: 78 Resp: 262525
Ion Ratio Lower Upper
78 100
77 23.7 18.0 27.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

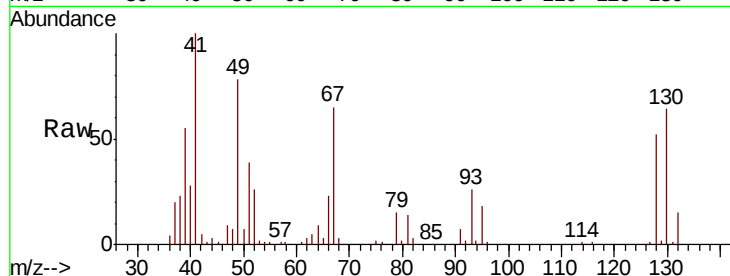




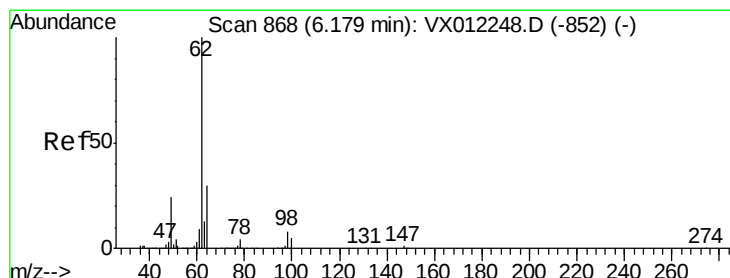
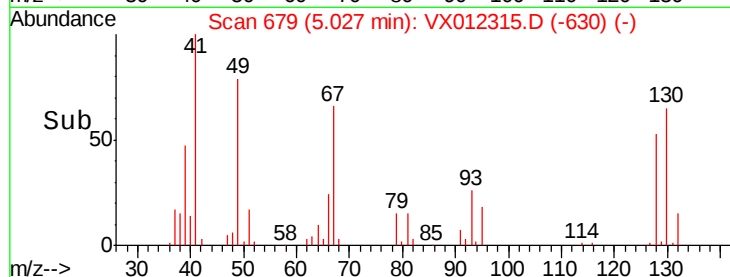
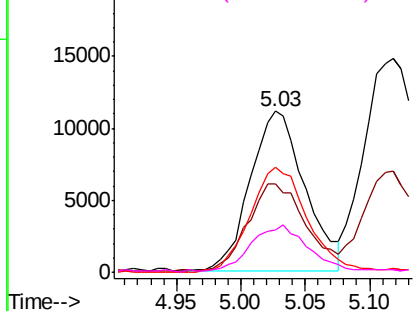
#41
Methacrylonitrile
Concen: 50.731 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	32595
Ion	Ratio	Lower	Upper
41	100		
39	57.6	49.0	73.4
67	69.4	55.0	82.4
52	32.7	25.4	38.0

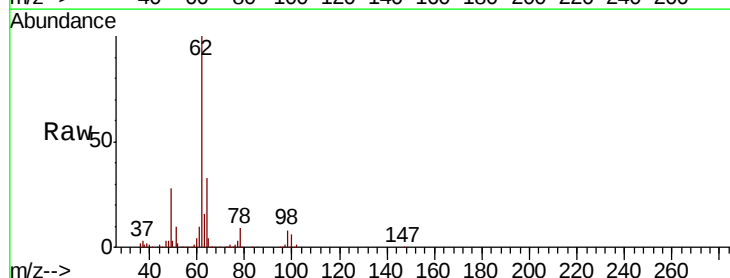


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

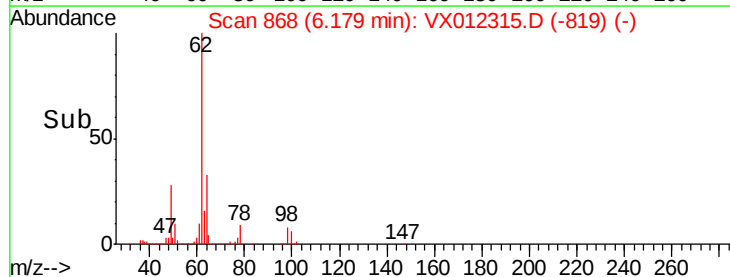
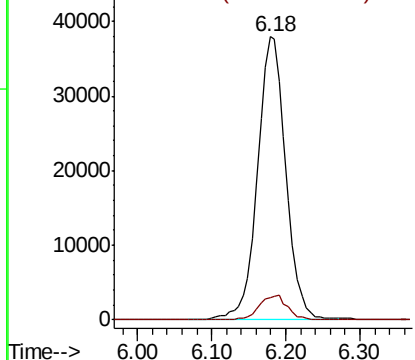


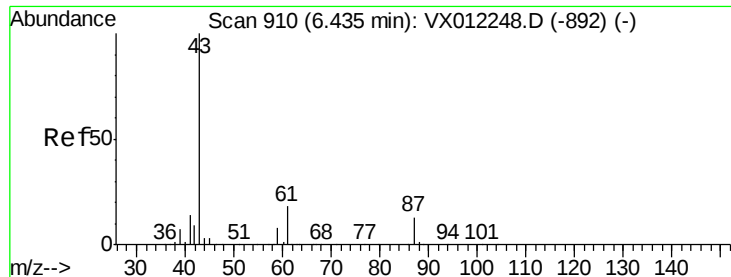
#42
1,2-Dichloroethane
Concen: 50.054 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion:	62	Resp:	100947
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 49.341 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

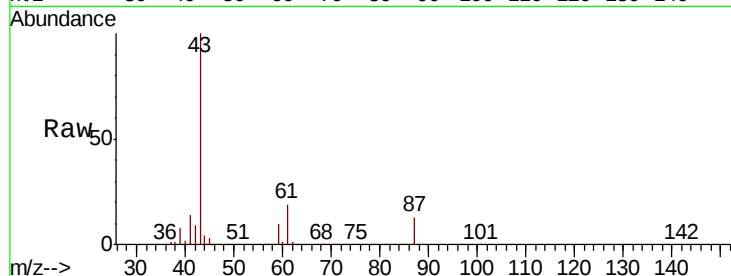
Tgt Ion: 43 Resp: 108416

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.2

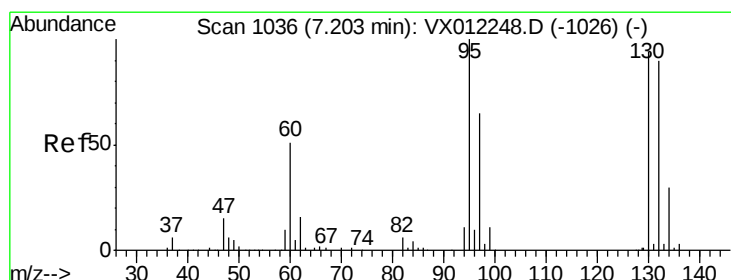
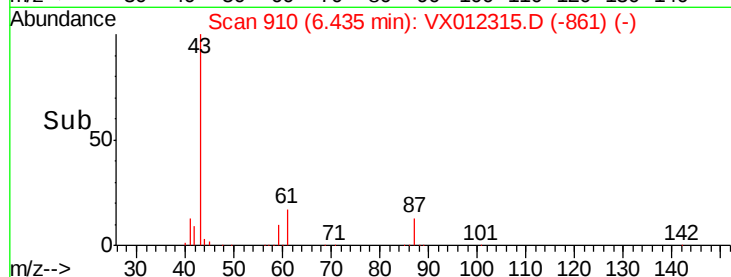
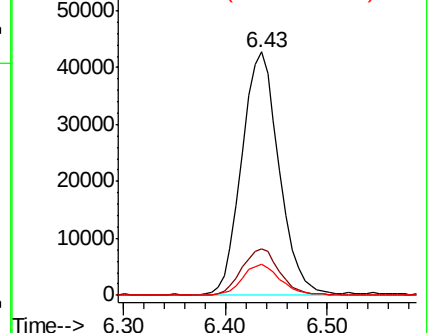
87 12.9 10.5 15.7



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: 51.721 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012315.D

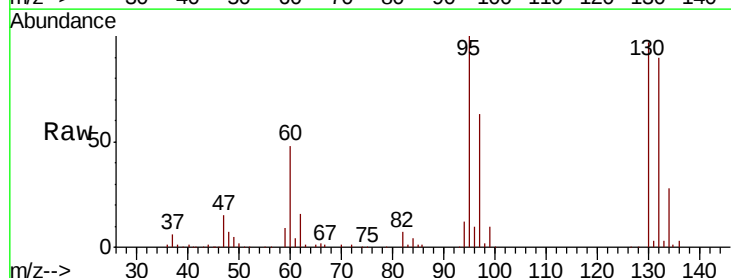
Acq: 11 Sep 2019 21:38

Tgt Ion: 130 Resp: 71423

Ion Ratio Lower Upper

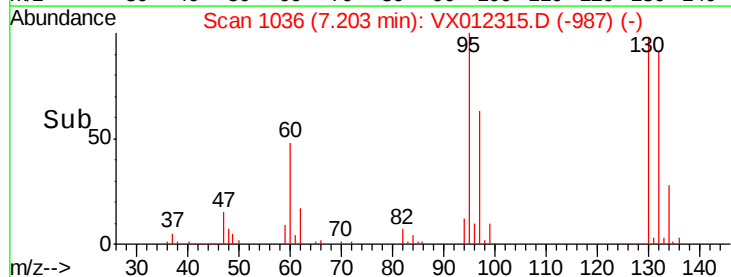
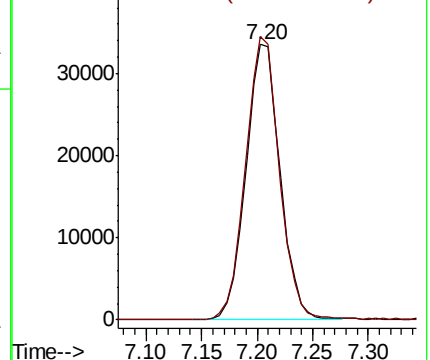
130 100

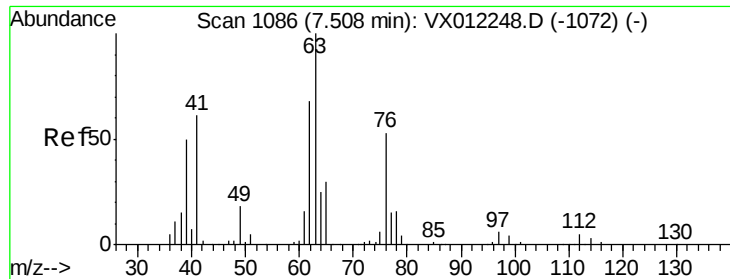
95 102.7 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

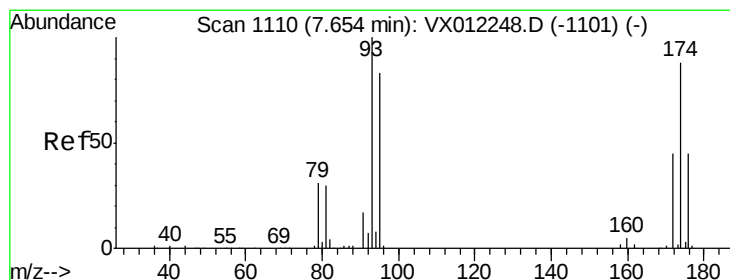
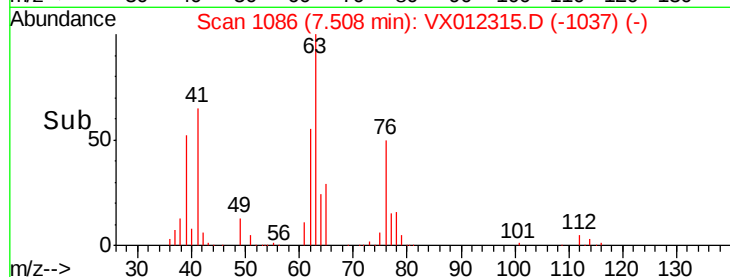
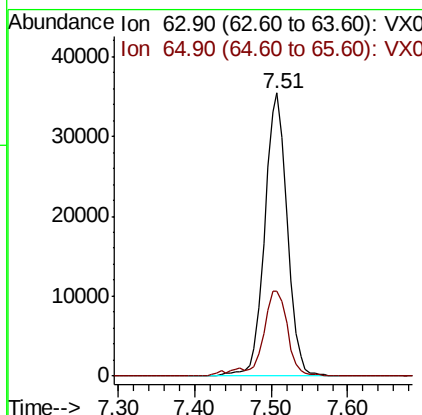
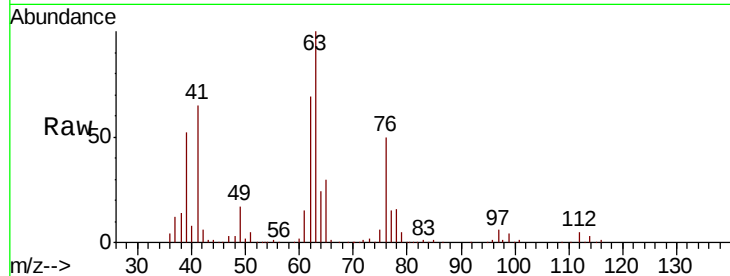




#45
 1,2-Dichloropropane
 Concen: 51.682 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

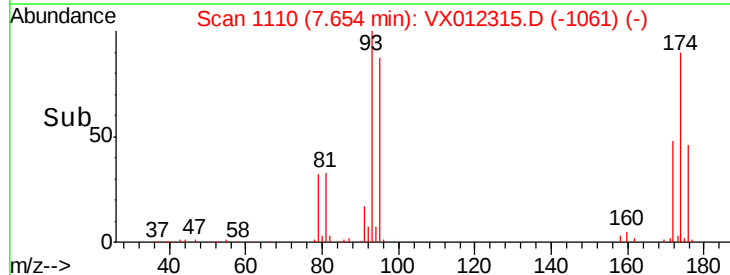
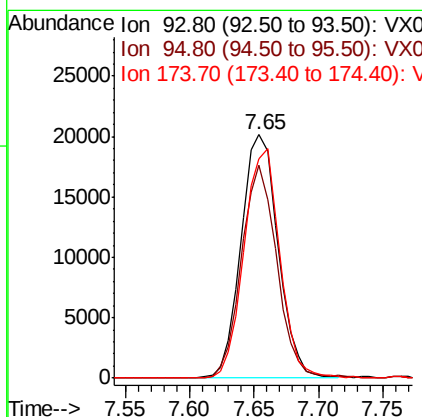
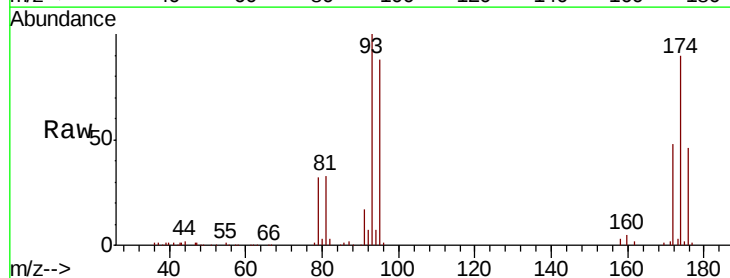
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

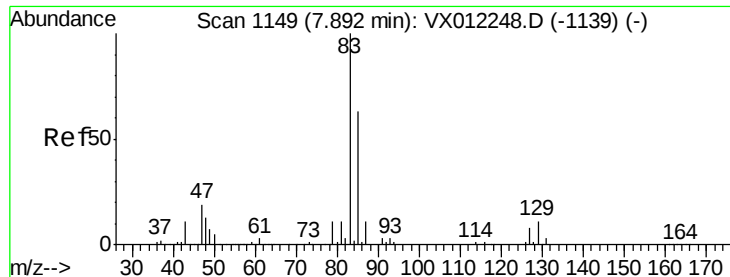
Tgt Ion: 63 Resp: 72997
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.3 36.5



#46
 Dibromomethane
 Concen: 51.960 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 93 Resp: 40110
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.7 98.5
 174 91.4 71.0 106.4

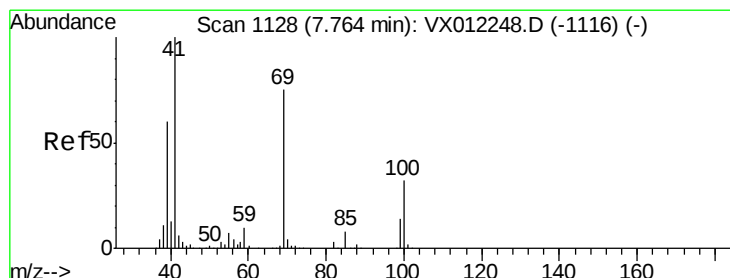
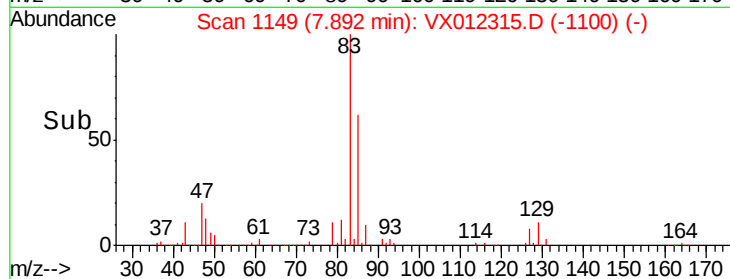
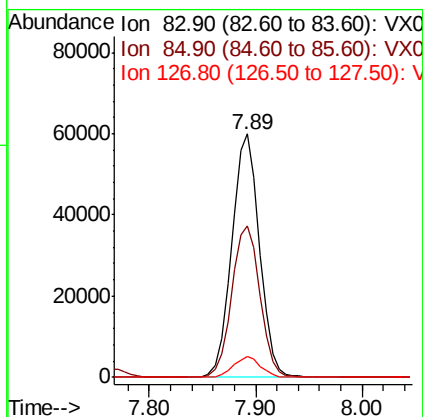
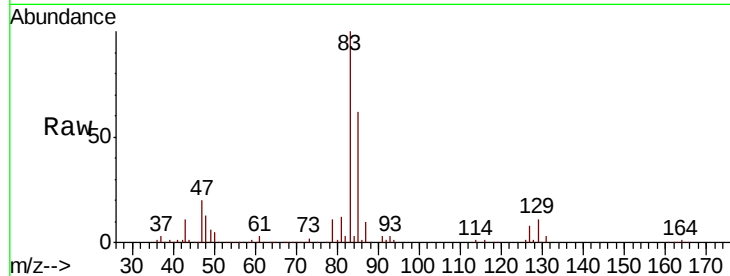




#47
 Bromodichloromethane
 Concen: 51.758 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

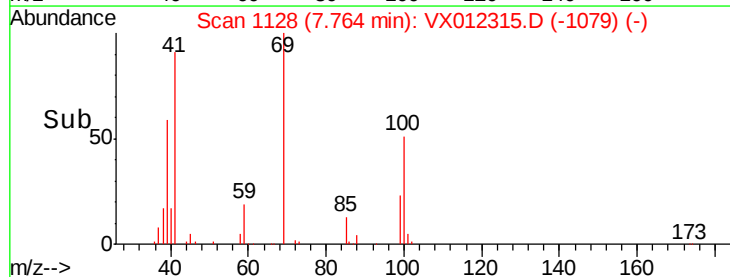
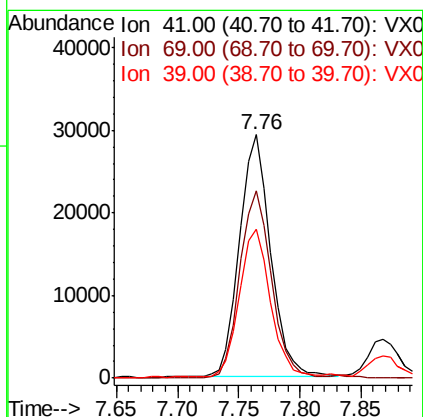
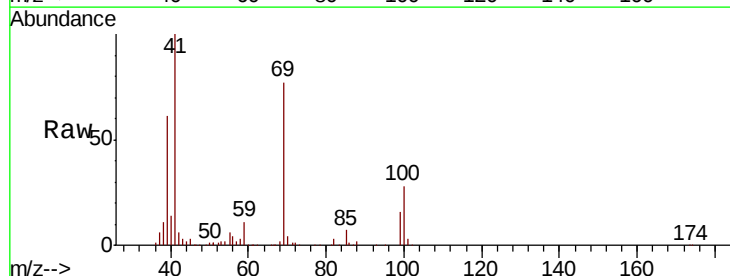
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

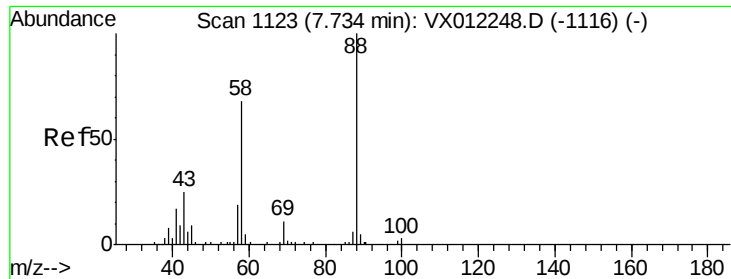
Tgt Ion: 83 Resp: 109035
 Ion Ratio Lower Upper
 83 100
 85 62.0 50.2 75.4
 127 8.4 6.3 9.5



#48
 Methyl methacrylate
 Concen: 49.490 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 41 Resp: 52051
 Ion Ratio Lower Upper
 41 100
 69 79.2 61.8 92.6
 39 61.1 48.6 73.0

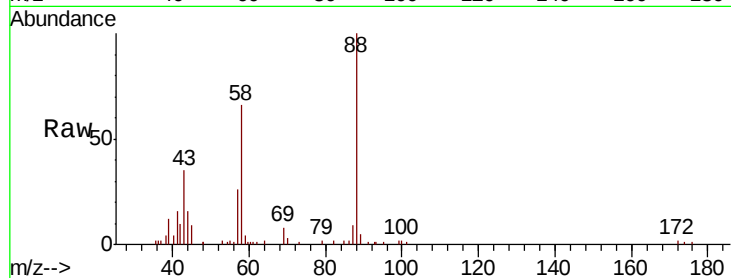




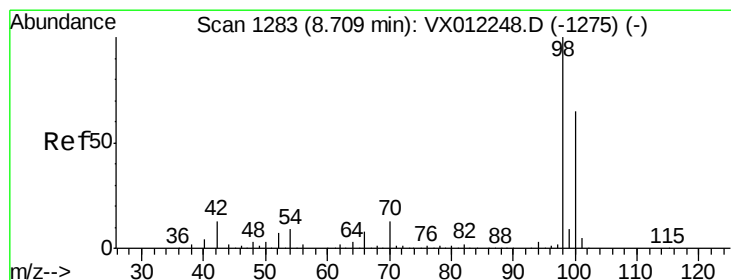
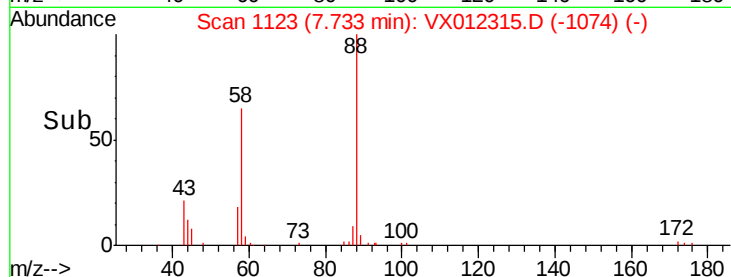
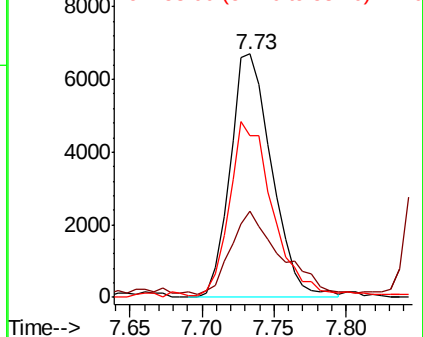
#49
 1,4-Dioxane
 Concen: 949.752 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 13479
 Ion Ratio Lower Upper
 88 100
 43 38.2 31.0 46.4
 58 72.5 61.5 92.3

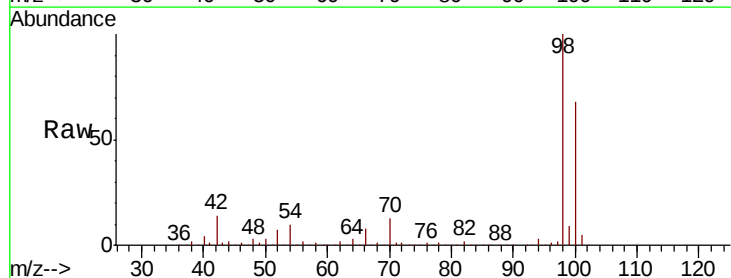


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

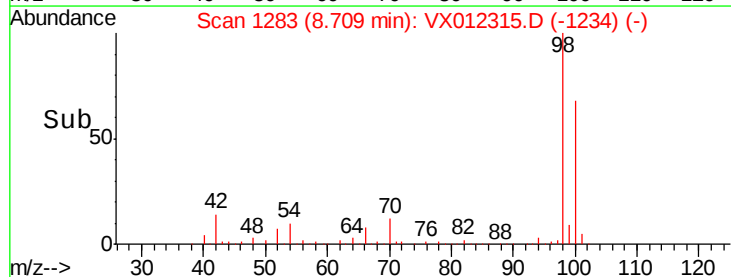
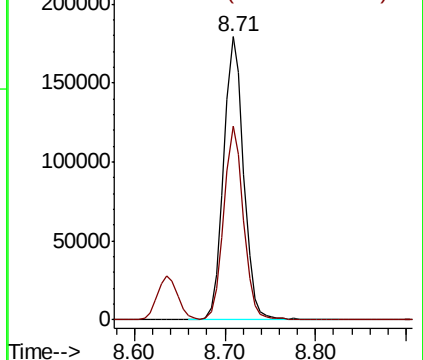


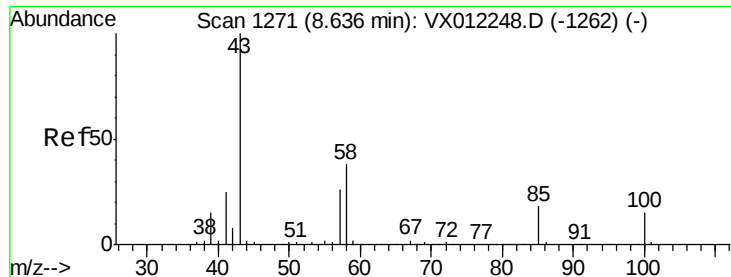
#50
 Toluene-d8
 Concen: 53.063 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 98 Resp: 275854
 Ion Ratio Lower Upper
 98 100
 100 67.5 54.1 81.1



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

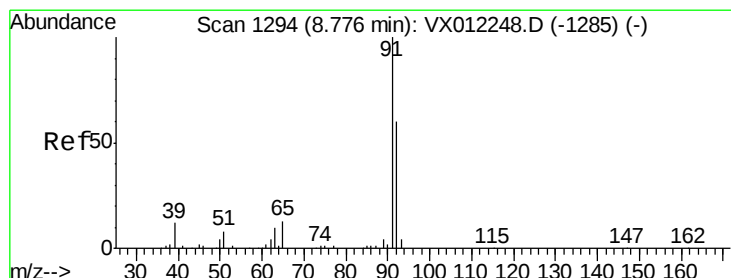
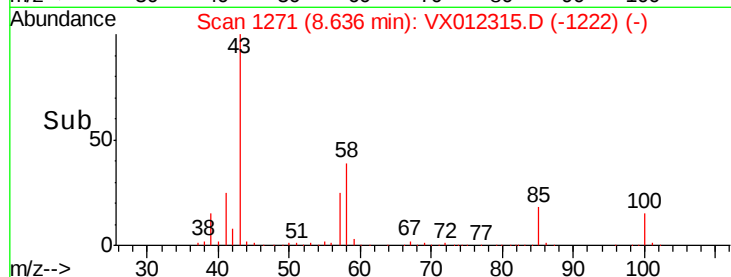
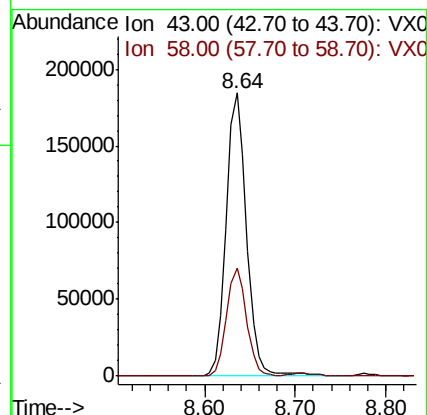
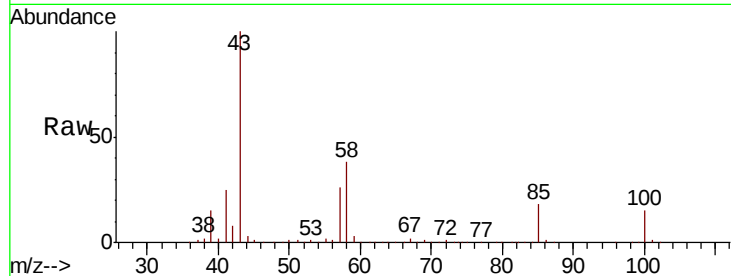




#51
 4-Methyl-2-Pentanone
 Concen: 249.051 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

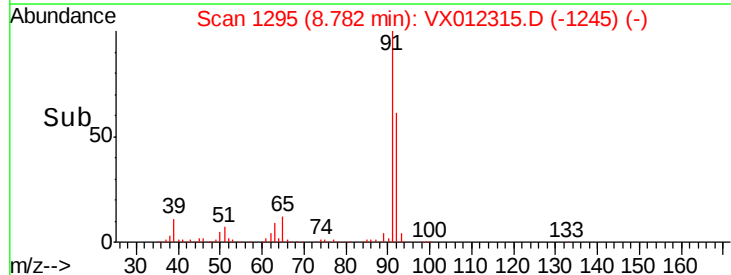
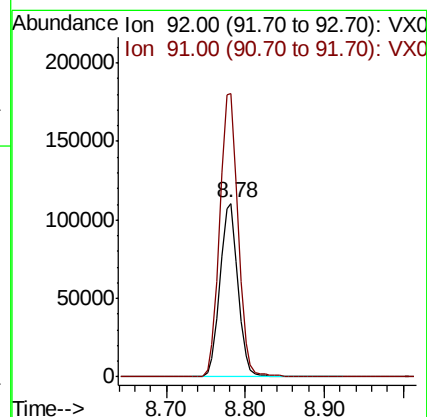
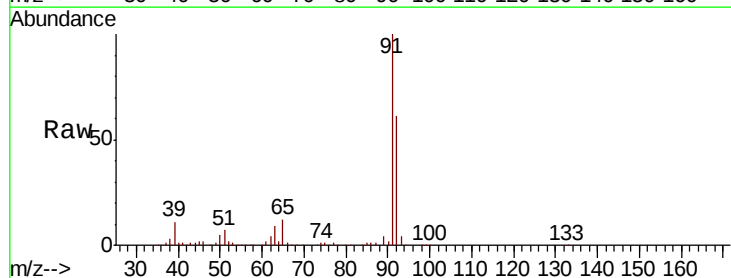
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

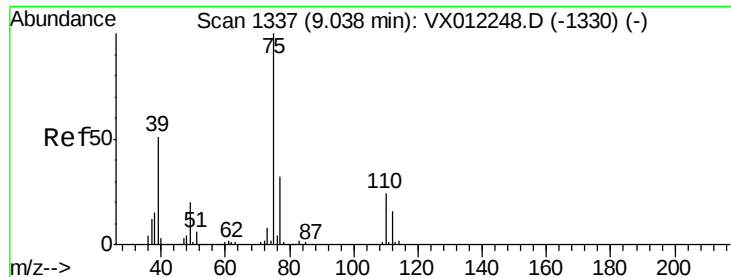
Tgt Ion: 43 Resp: 288819
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.1 45.1



#52
 Toluene
 Concen: 52.198 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 92 Resp: 175929
 Ion Ratio Lower Upper
 92 100
 91 166.9 133.6 200.4

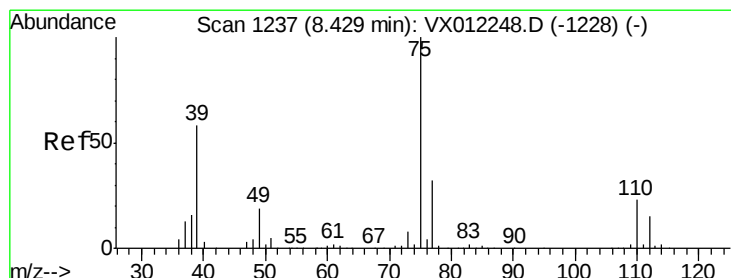
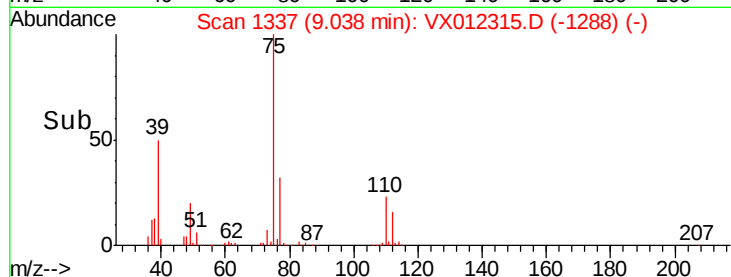
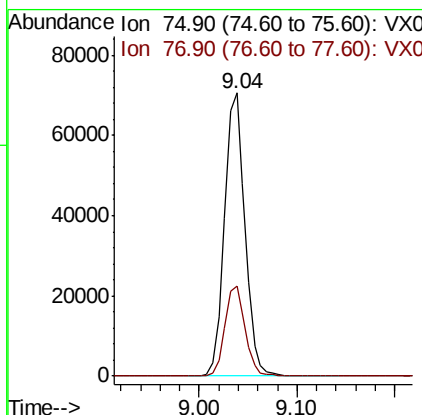
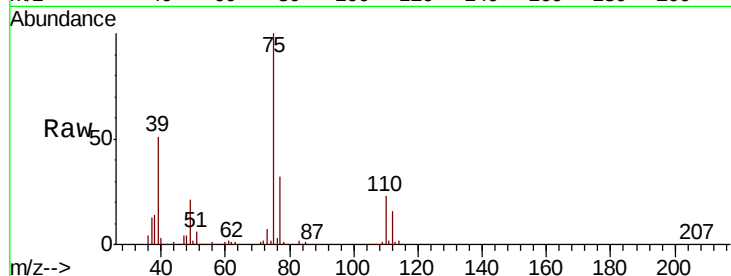




#53
t-1,3-Dichloropropene
Concen: 48.505 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

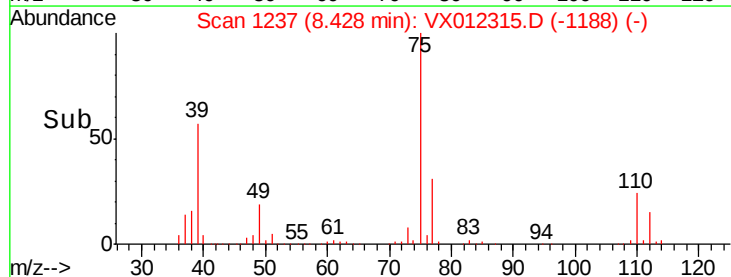
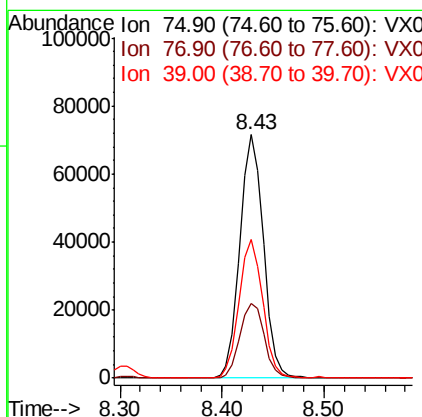
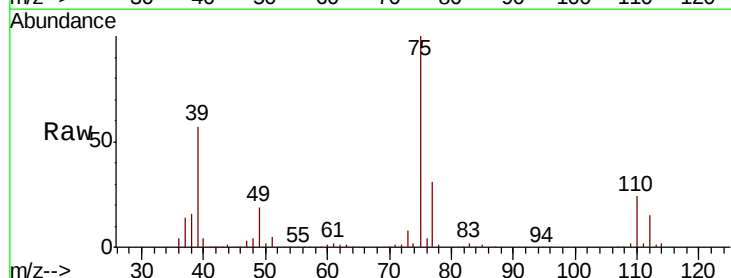
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

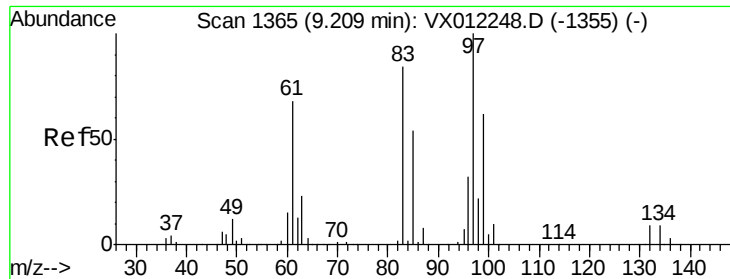
Tgt Ion: 75 Resp: 101987
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 49.057 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion: 75 Resp: 114379
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2
39 56.8 46.5 69.7

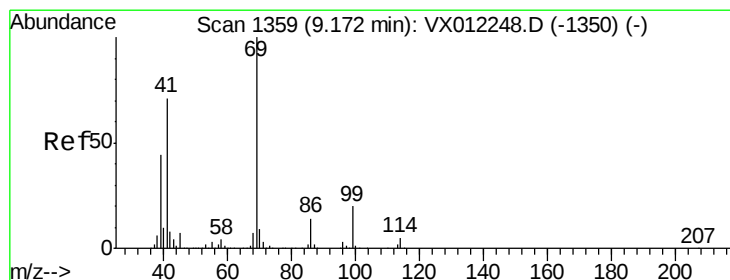
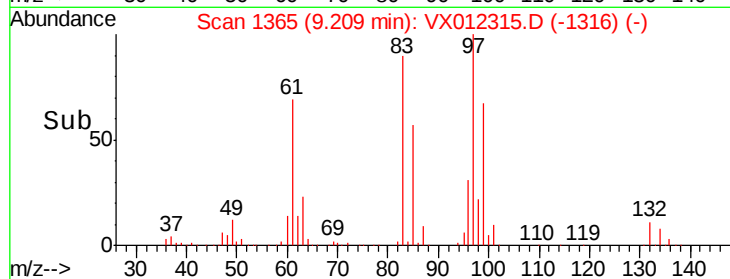
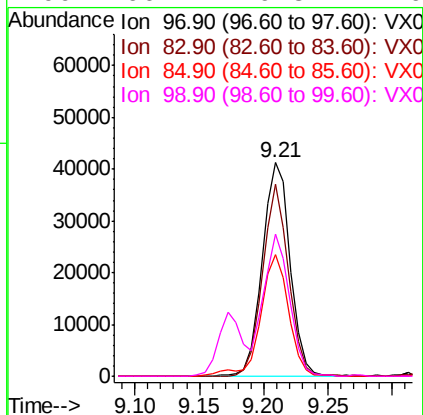
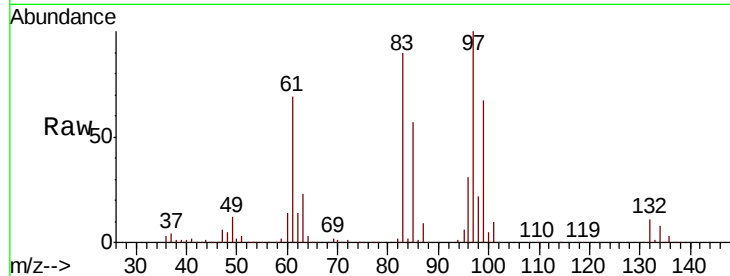




#55
 1,1,2-Trichloroethane
 Concen: 51.498 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

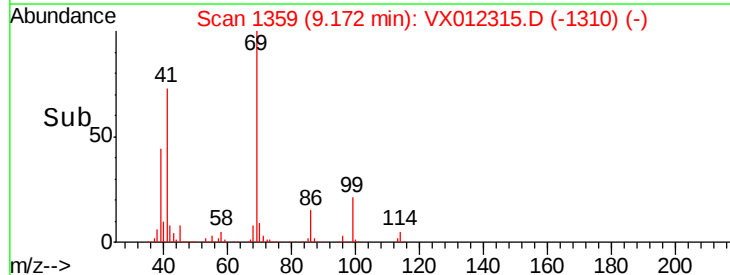
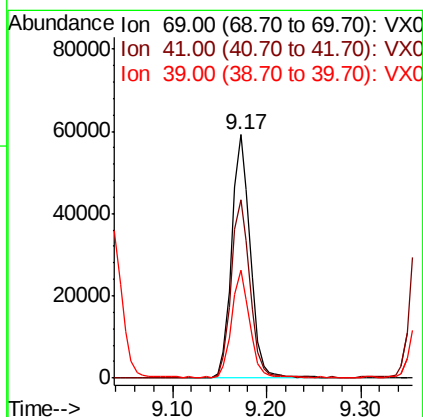
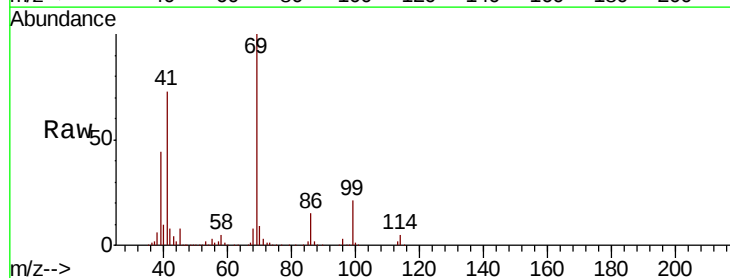
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

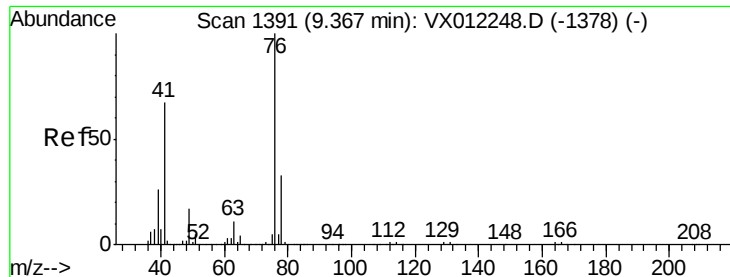
Tgt Ion: 97 Resp: 61588
 Ion Ratio Lower Upper
 97 100
 83 89.8 67.4 101.2
 85 57.0 43.4 65.2
 99 66.4 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 50.137 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 69 Resp: 81185
 Ion Ratio Lower Upper
 69 100
 41 73.6 57.7 86.5
 39 42.4 34.0 51.0





#57

1,3-Dichloropropane

Concen: 52.249 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

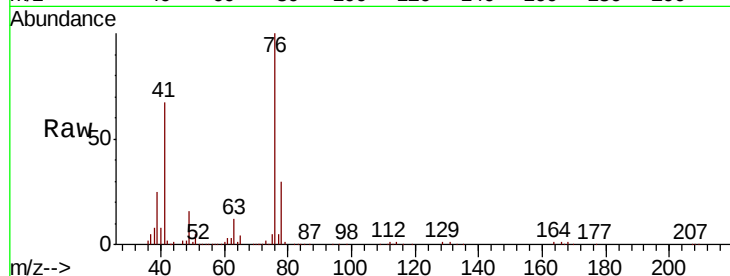
VSTDCCC050

Tgt Ion: 76 Resp: 106723

Ion Ratio Lower Upper

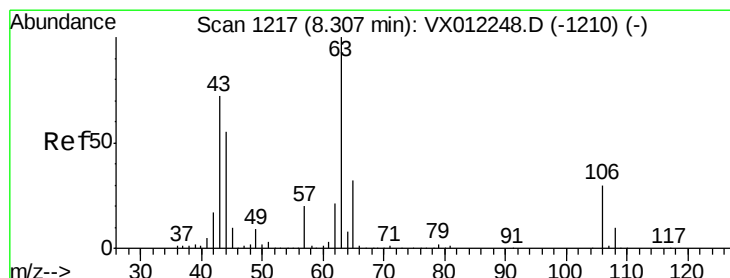
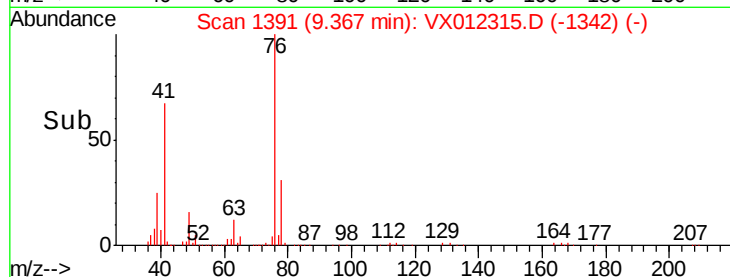
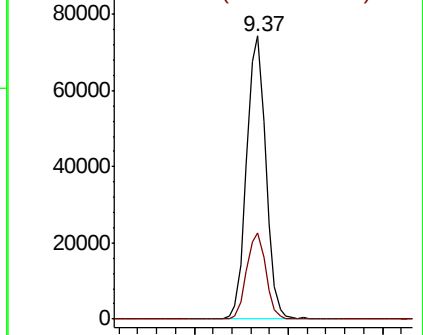
76 100

78 30.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 258.622 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012315.D

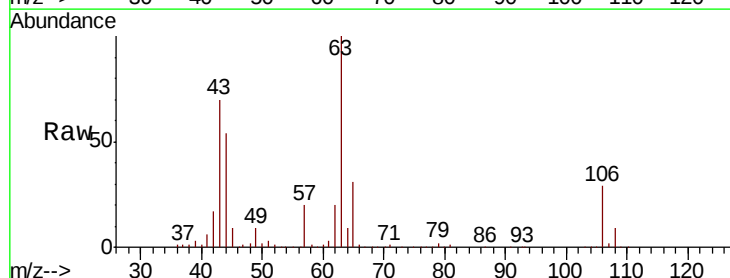
Acq: 11 Sep 2019 21:38

Tgt Ion: 63 Resp: 214636

Ion Ratio Lower Upper

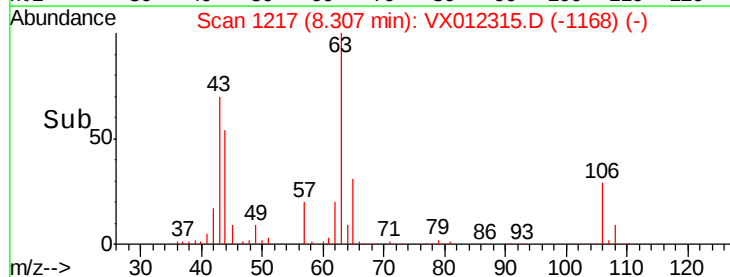
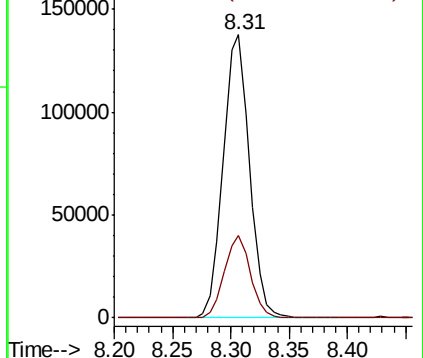
63 100

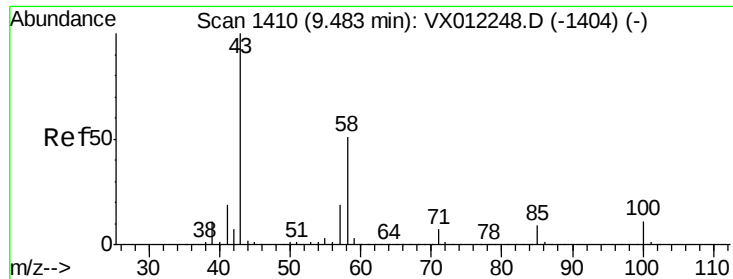
106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

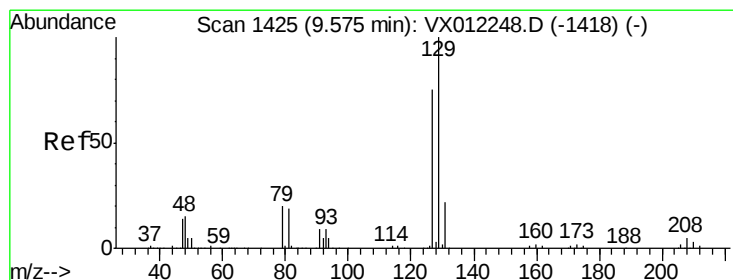
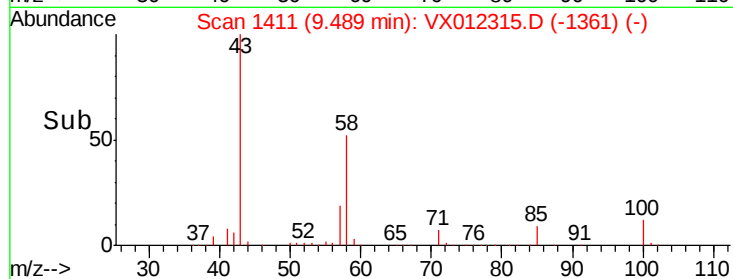
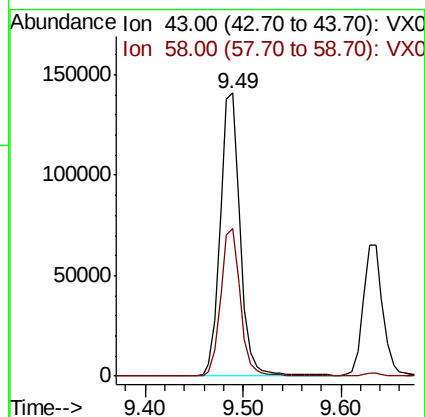
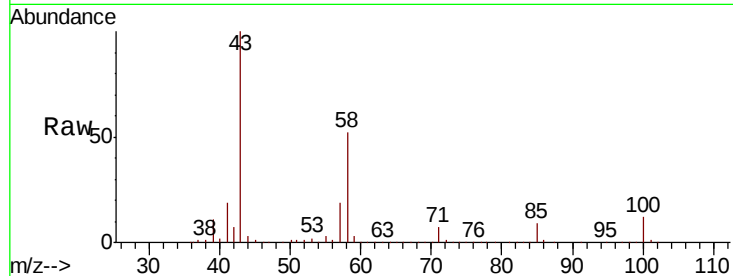




#59
 2-Hexanone
 Concen: 247.236 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

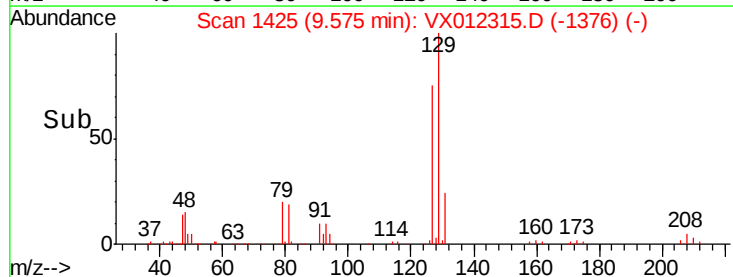
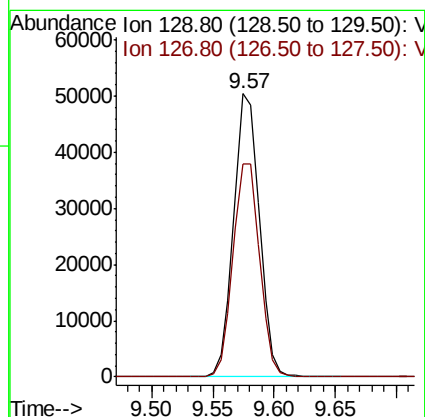
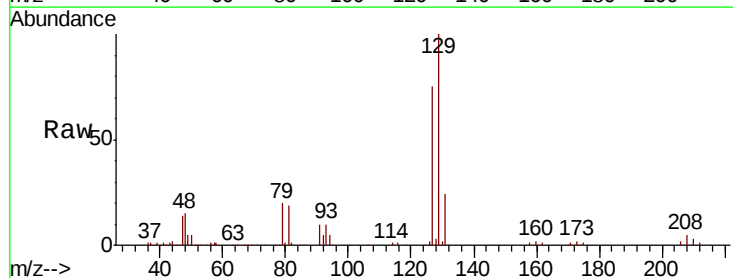
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

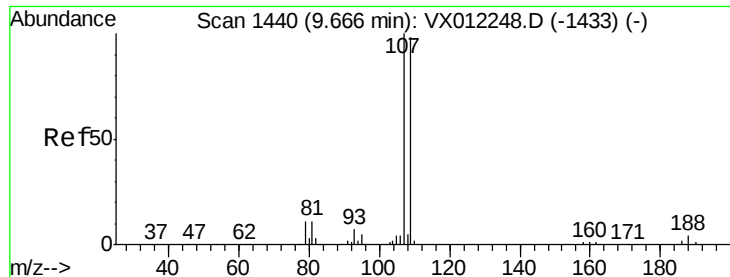
Tgt Ion: 43 Resp: 199354
 Ion Ratio Lower Upper
 43 100
 58 51.6 25.8 77.3



#60
 Dibromochloromethane
 Concen: 52.388 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 129 Resp: 73142
 Ion Ratio Lower Upper
 129 100
 127 77.8 38.1 114.3

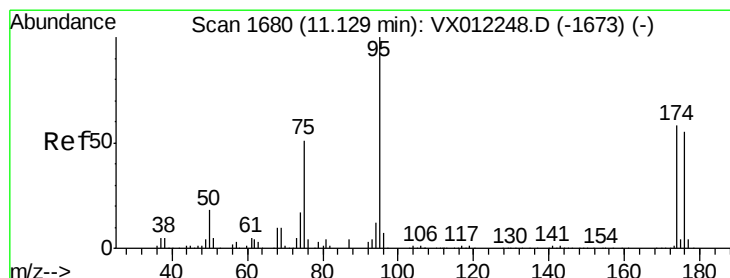
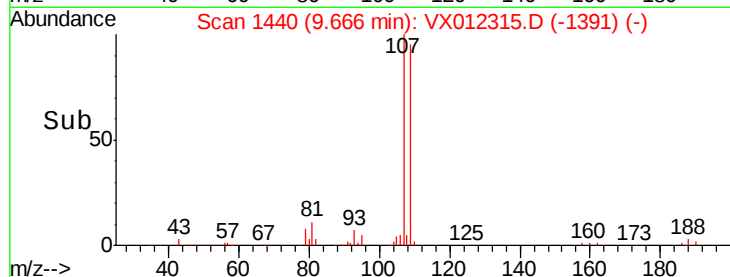
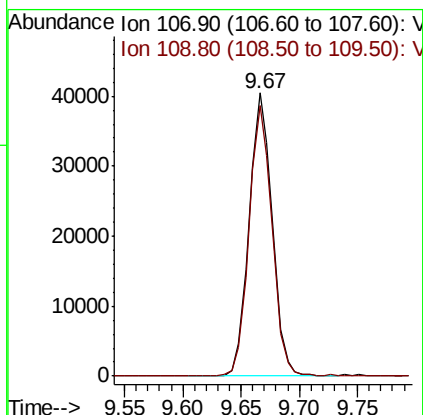
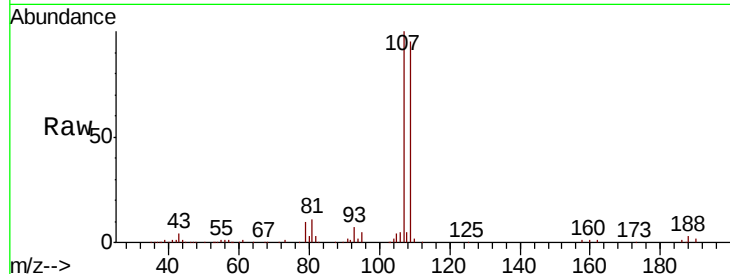




#61
 1,2-Dibromoethane
 Concen: 50.415 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

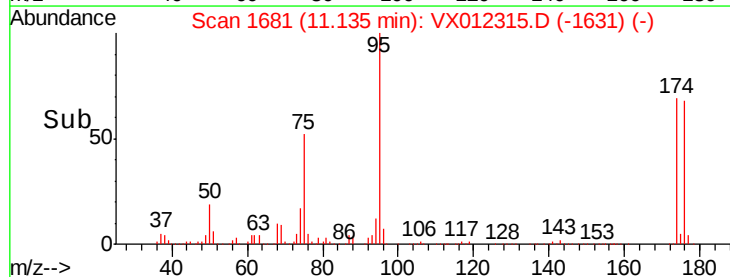
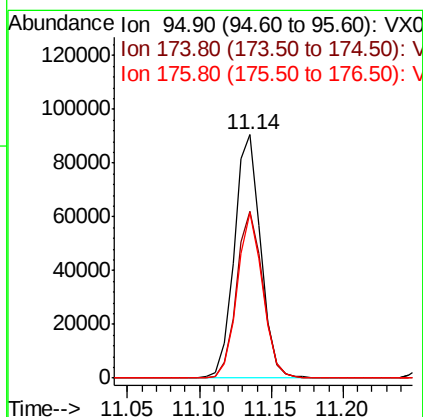
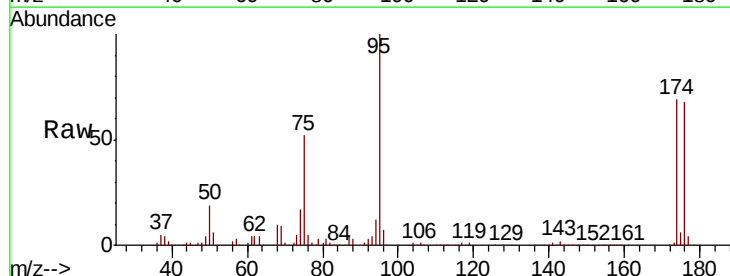
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

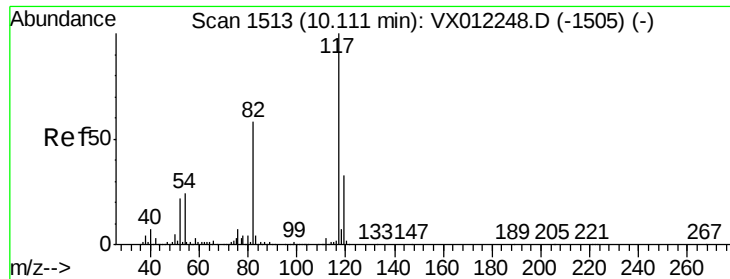
Tgt Ion: 107 Resp: 56124
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.059 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 95 Resp: 115827
 Ion Ratio Lower Upper
 95 100
 174 68.3 0.0 127.0
 176 65.7 0.0 125.8

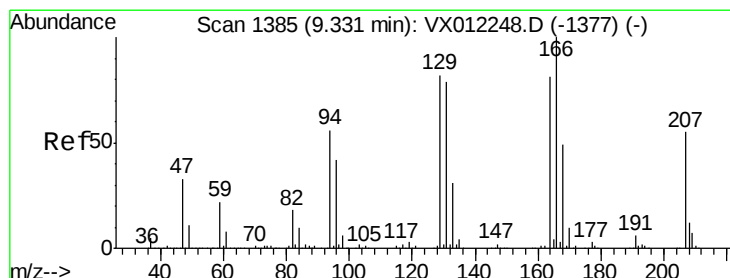
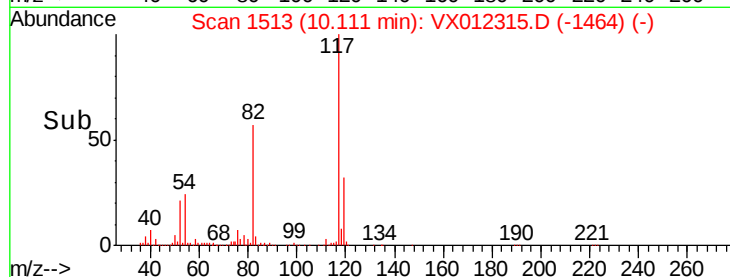
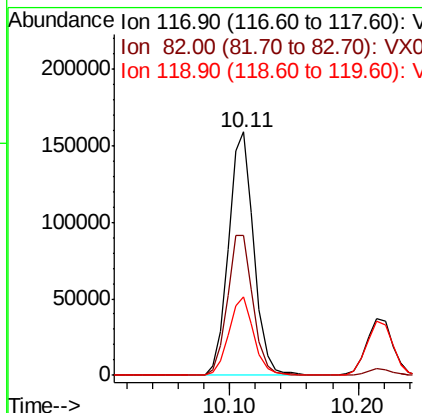
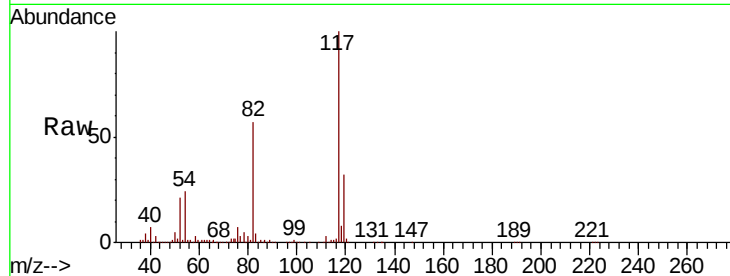




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

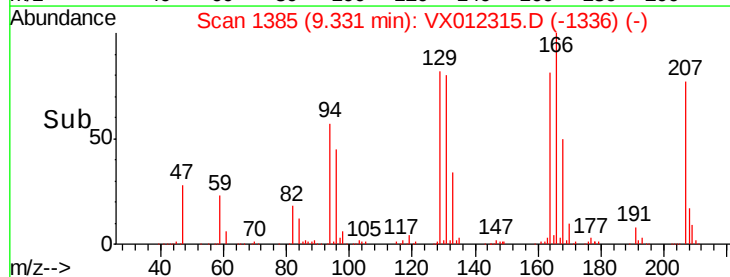
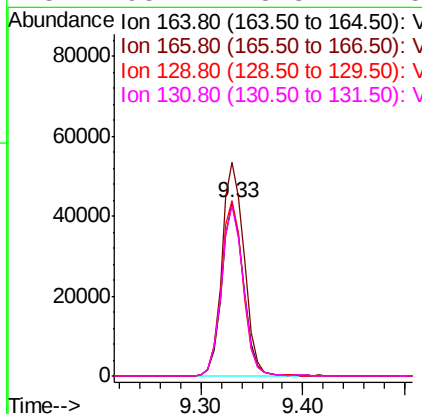
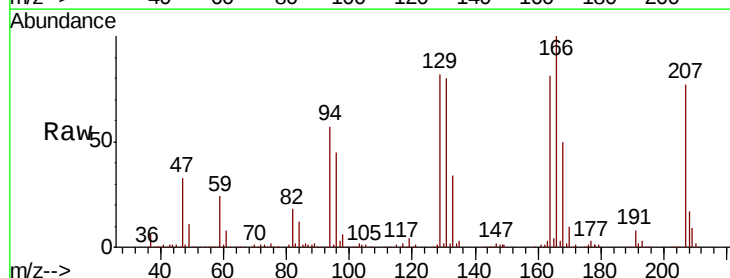
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

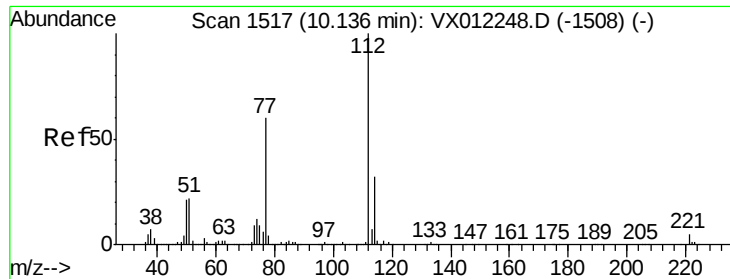
Tgt Ion:117 Resp: 218173
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 55.599 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion:164 Resp: 64153
Ion Ratio Lower Upper
164 100
166 123.4 99.4 149.0
129 101.2 81.8 122.8
131 98.2 78.3 117.5

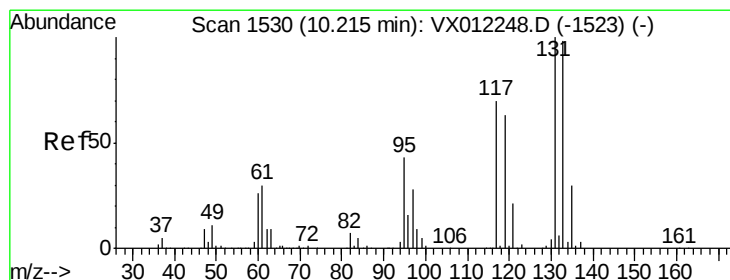
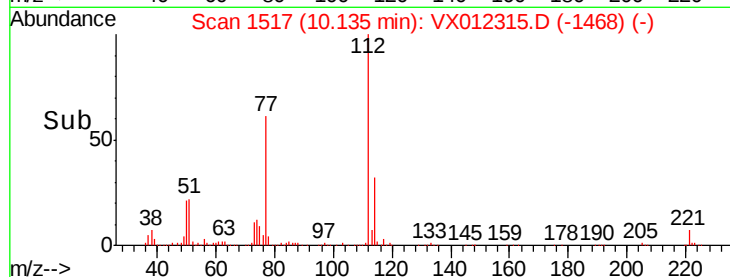
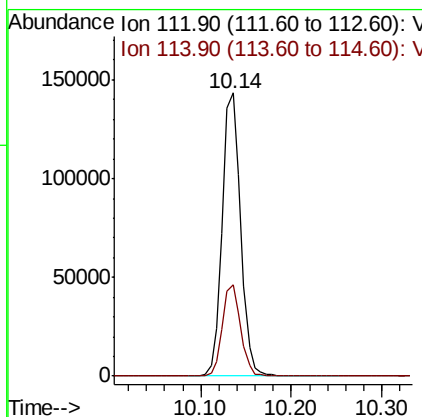
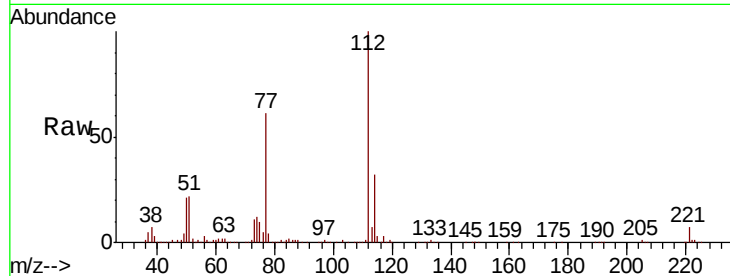




#65
Chlorobenzene
Concen: 50.816 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

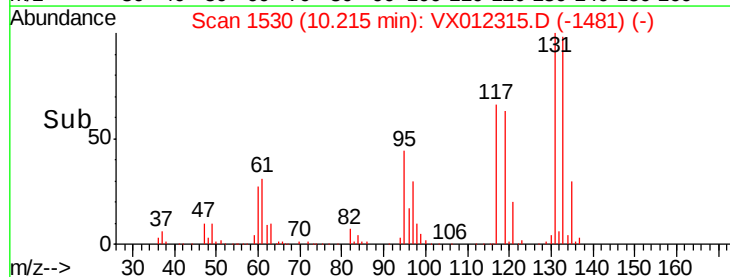
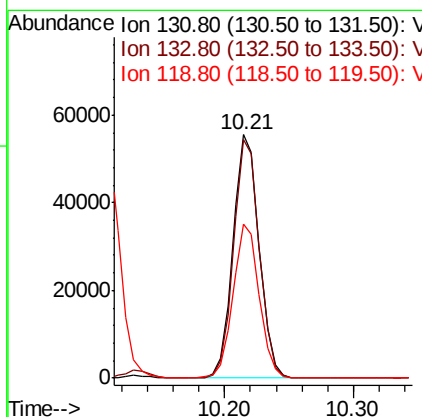
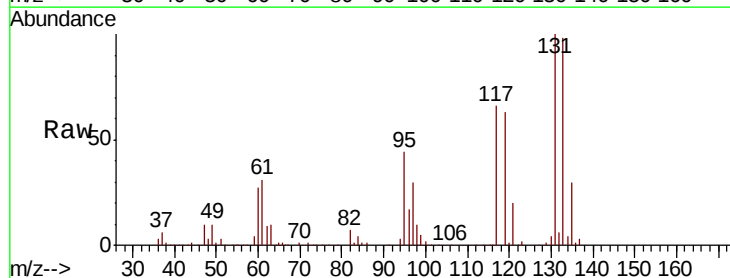
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

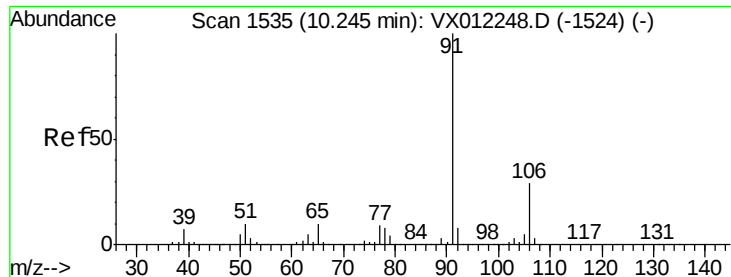
Tgt Ion:112 Resp: 202575
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.010 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion:131 Resp: 78158
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.2
119 63.2 31.6 95.0

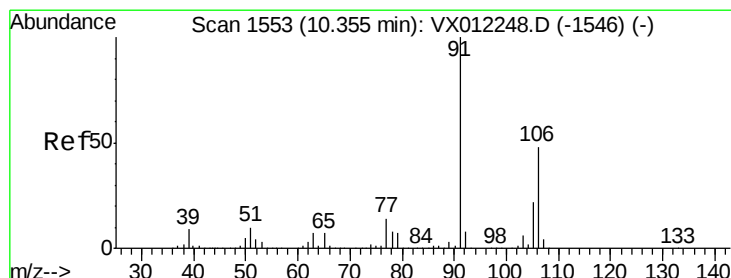
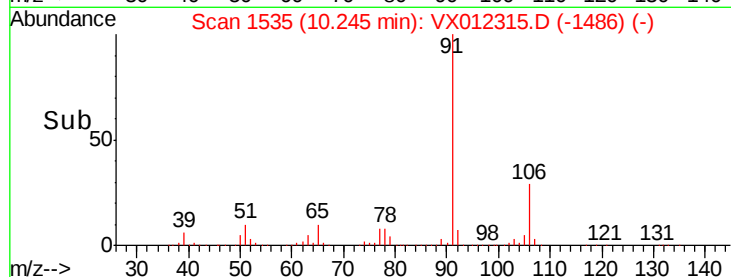
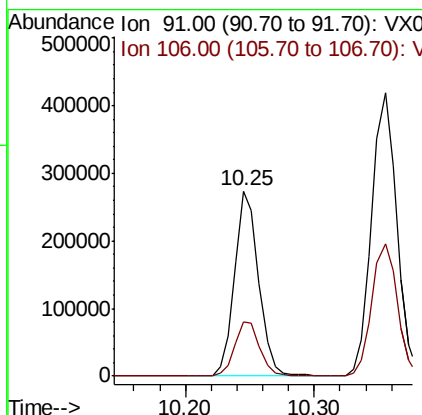
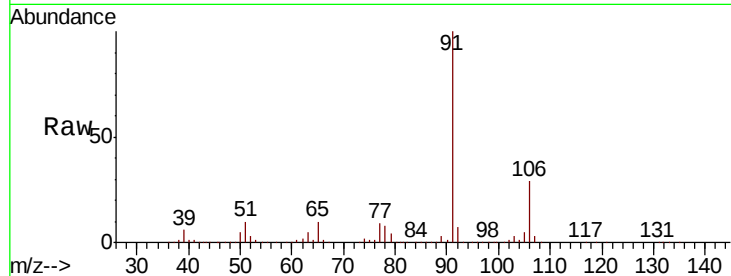




#67
Ethyl Benzene
Concen: 50.583 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

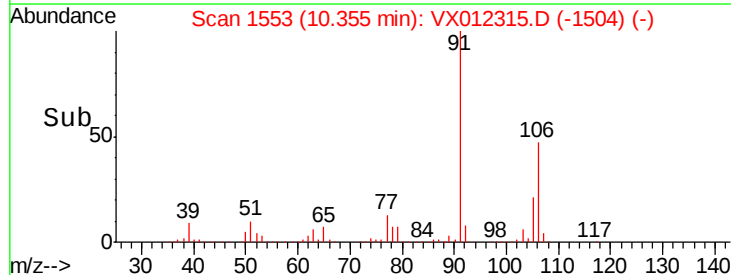
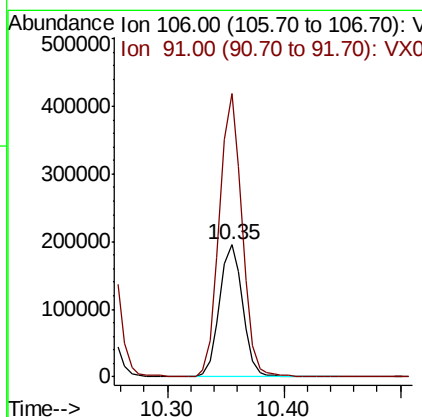
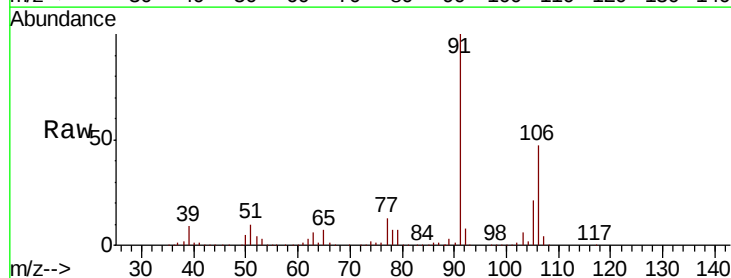
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

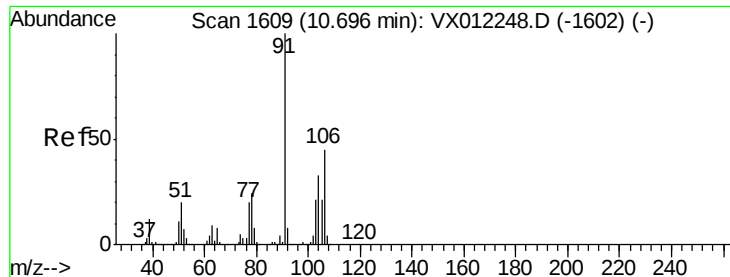
Tgt Ion: 91 Resp: 358641
Ion Ratio Lower Upper
91 100
106 29.4 23.1 34.7



#68
m/p-Xylenes
Concen: 102.957 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion: 106 Resp: 268715
Ion Ratio Lower Upper
106 100
91 209.7 167.0 250.6

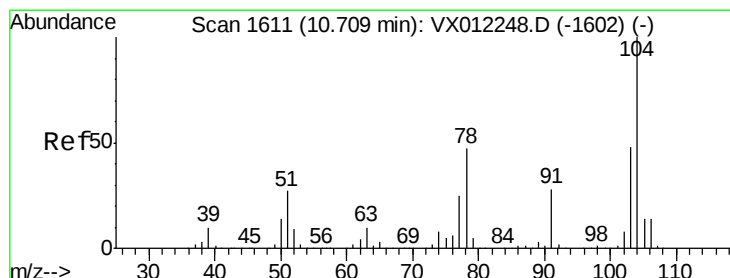
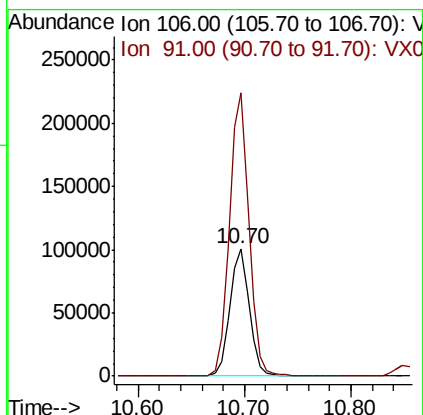
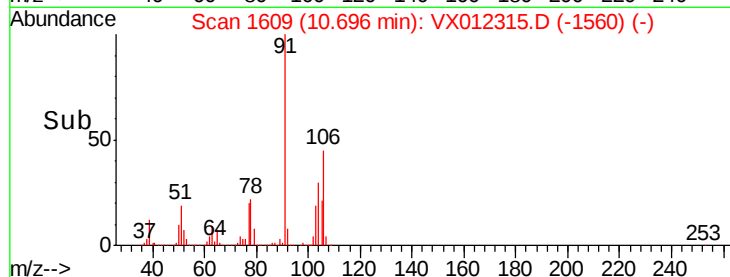
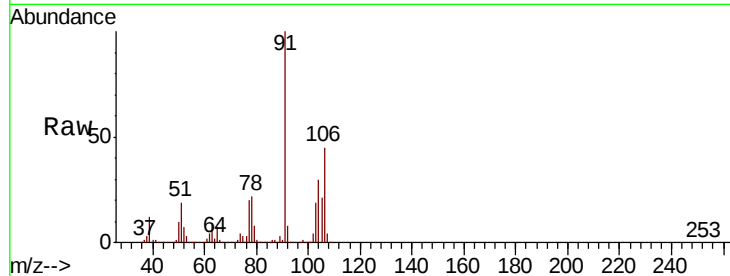




#69
o-Xylene
Concen: 50.625 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

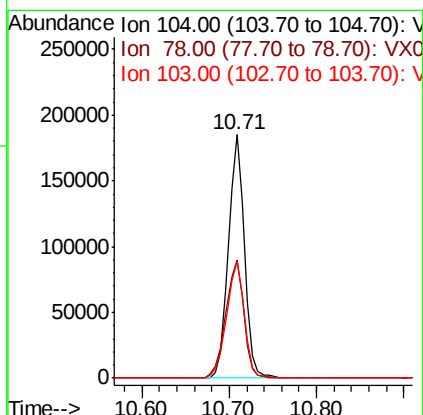
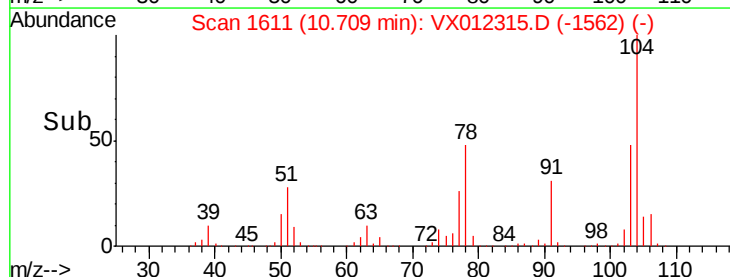
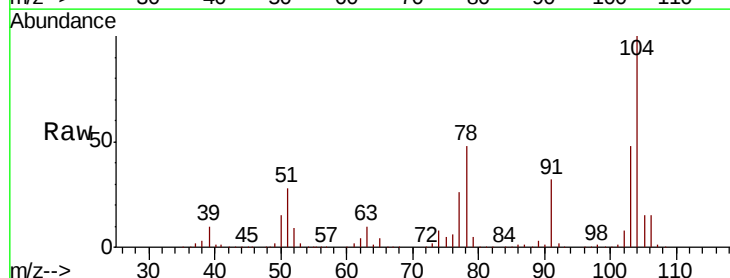
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

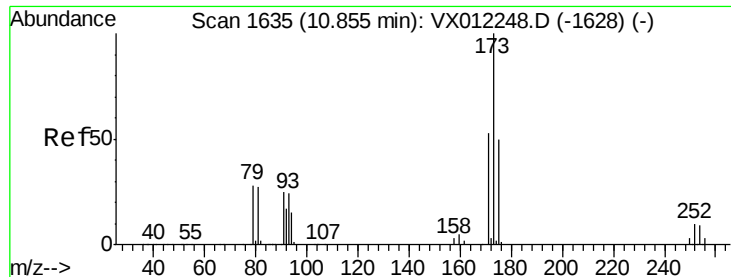
Tgt Ion:106 Resp: 129436
Ion Ratio Lower Upper
106 100
91 223.1 110.5 331.4



#70
Styrene
Concen: 51.985 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion:104 Resp: 235721
Ion Ratio Lower Upper
104 100
78 54.4 44.2 66.2
103 53.2 42.5 63.7





#71

Bromoform

Concen: 50.030 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

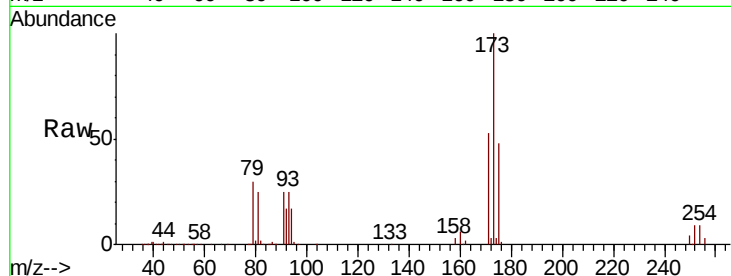
Tgt Ion:173 Resp: 38986

Ion Ratio Lower Upper

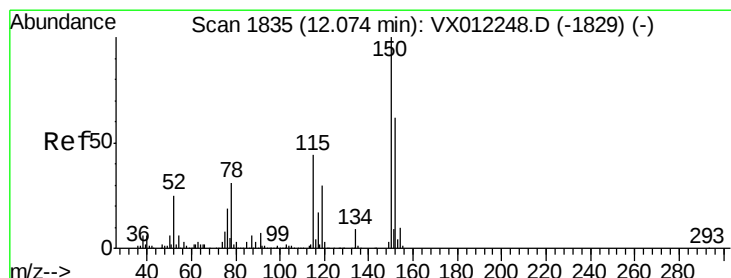
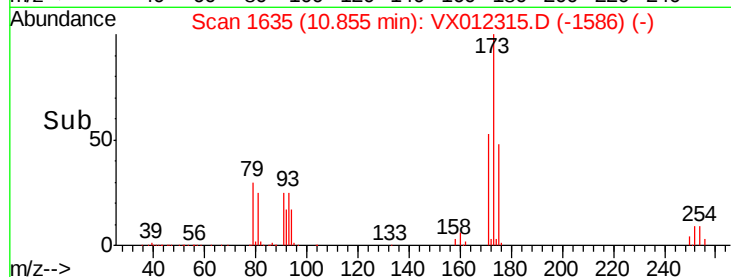
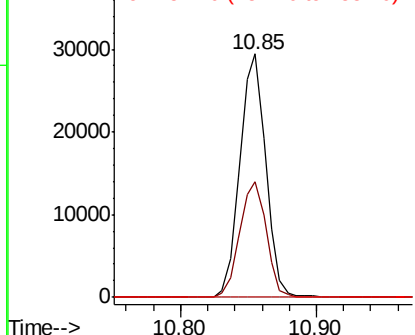
173 100

175 49.0 24.5 73.5

254 0.0 0.2 0.4#



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: VX012315.D

Acq: 11 Sep 2019 21:38

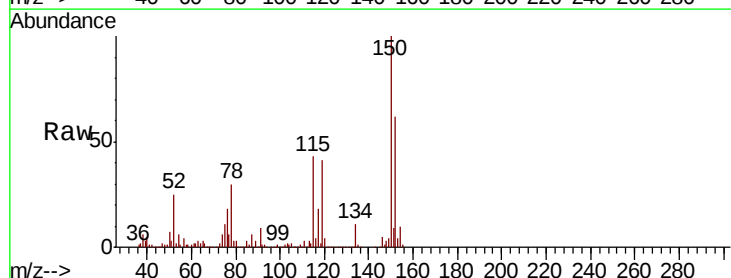
Tgt Ion:152 Resp: 108121

Ion Ratio Lower Upper

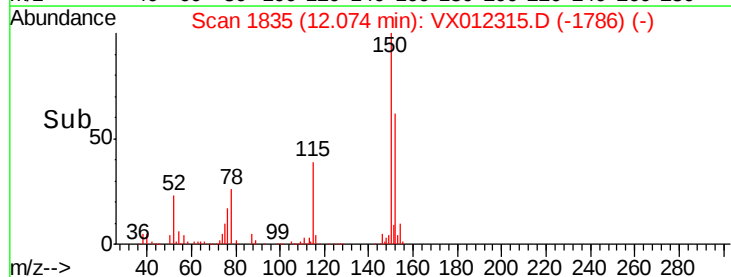
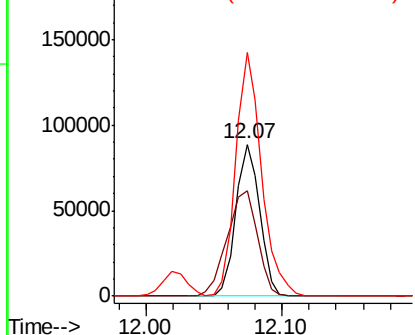
152 100

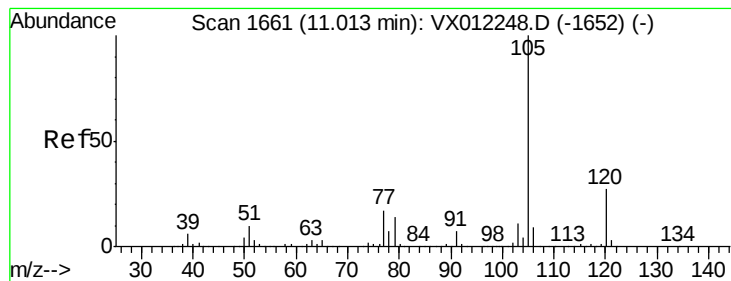
115 88.9 45.5 136.4

150 174.3 0.0 346.4



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: 50.652 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

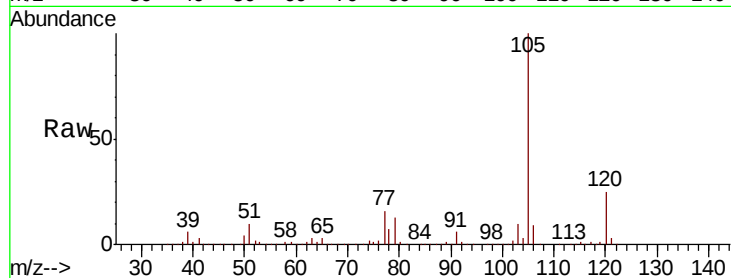
VSTDCCC050

Tgt Ion: 105 Resp: 360536

Ion Ratio Lower Upper

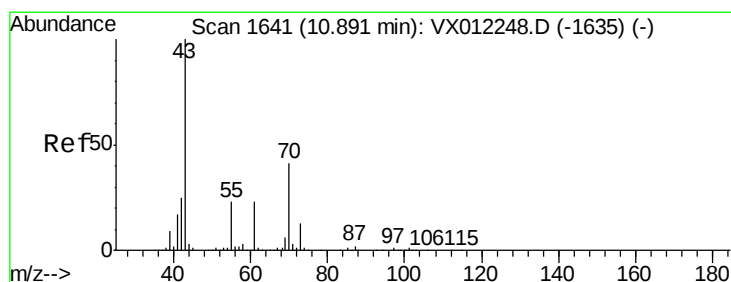
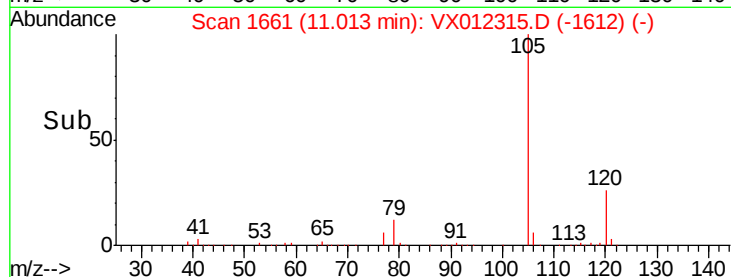
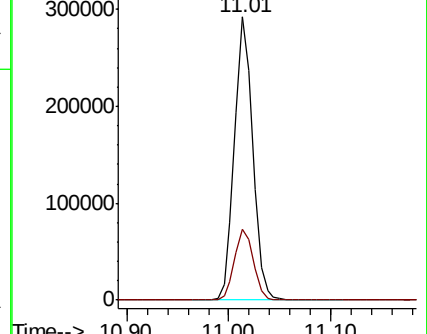
105 100

120 25.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.743 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion: 43 Resp: 101042

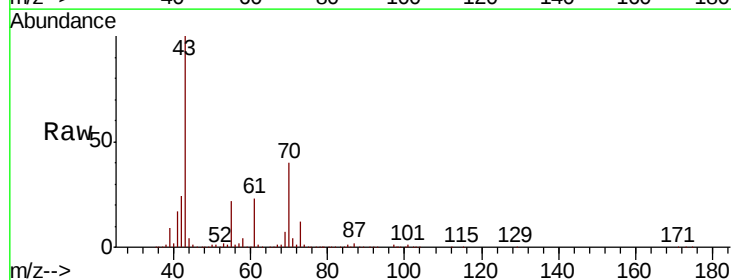
Ion Ratio Lower Upper

43 100

70 42.1 32.9 49.3

55 24.1 19.1 28.7

61 22.9 18.6 28.0

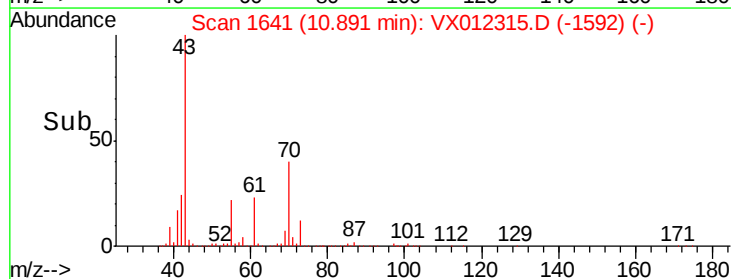
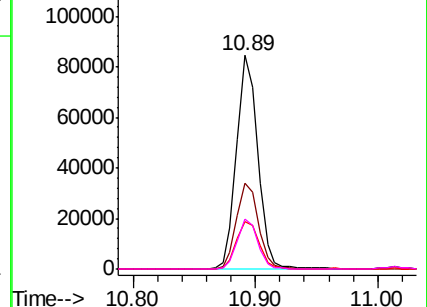


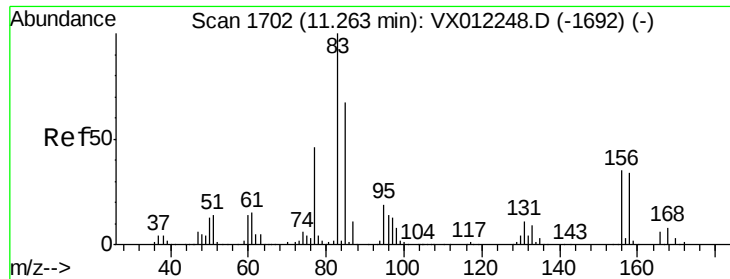
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.742 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

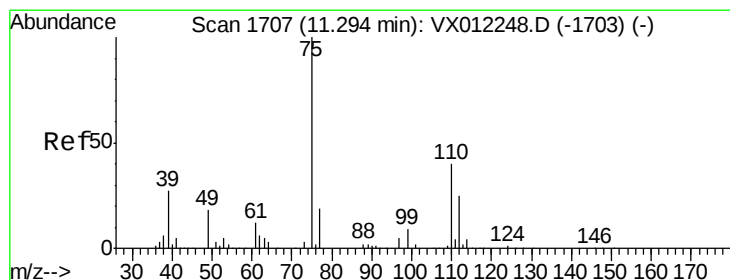
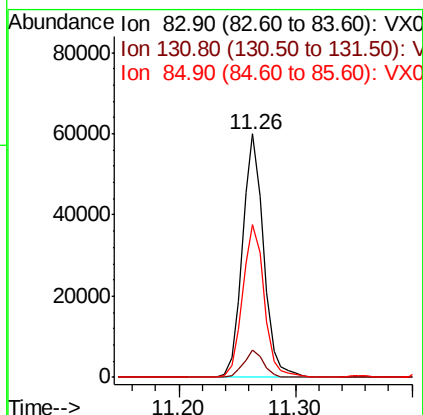
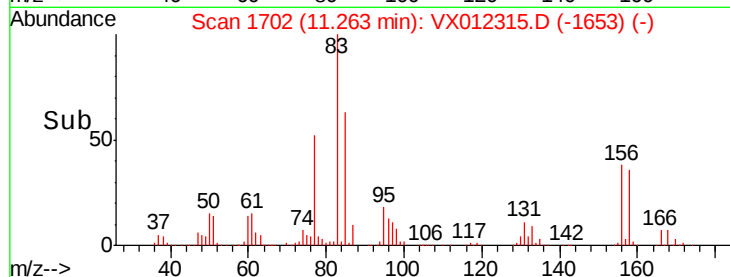
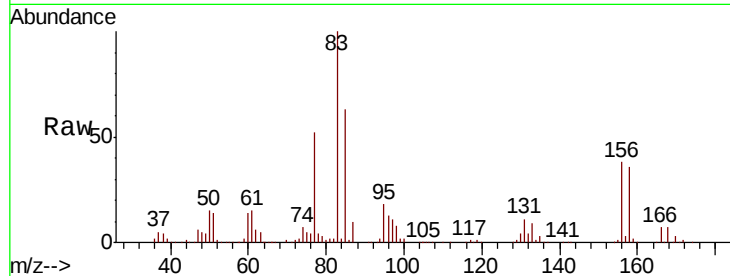
Tgt Ion: 83 Resp: 76040

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

85 64.4 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 56.460 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012315.D

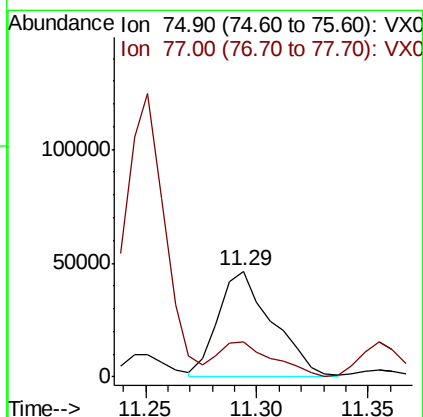
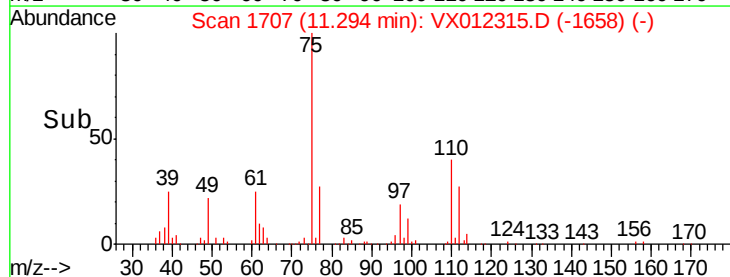
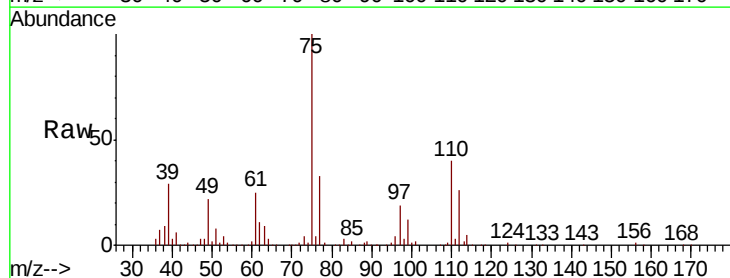
Acq: 11 Sep 2019 21:38

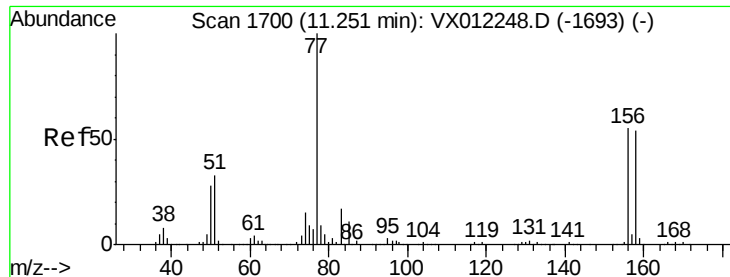
Tgt Ion: 75 Resp: 78422

Ion Ratio Lower Upper

75 100

77 33.5 19.7 59.0





#77

Bromobenzene

Concen: 50.850 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

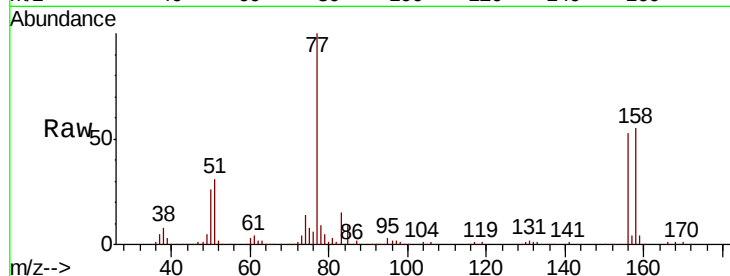
Tgt Ion:156 Resp: 83332

Ion Ratio Lower Upper

156 100

77 187.6 92.2 276.6

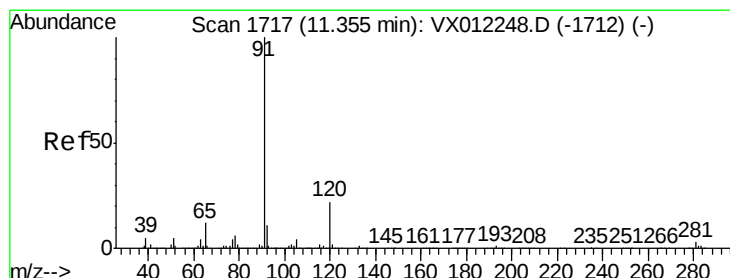
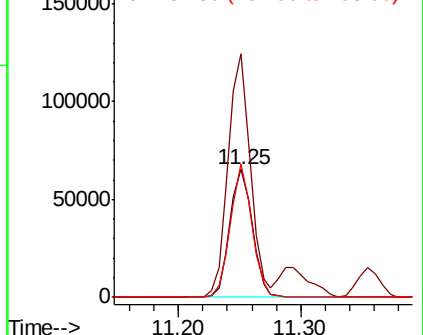
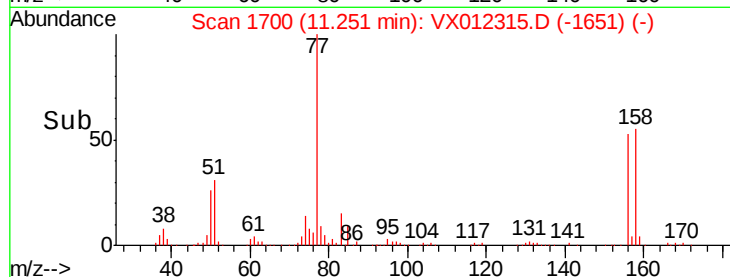
158 99.3 48.8 146.3



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: 50.337 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012315.D

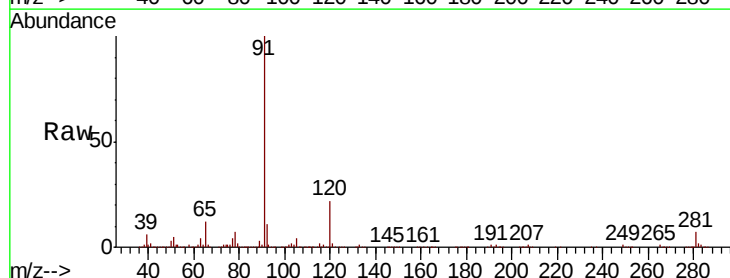
Acq: 11 Sep 2019 21:38

Tgt Ion: 91 Resp: 432676

Ion Ratio Lower Upper

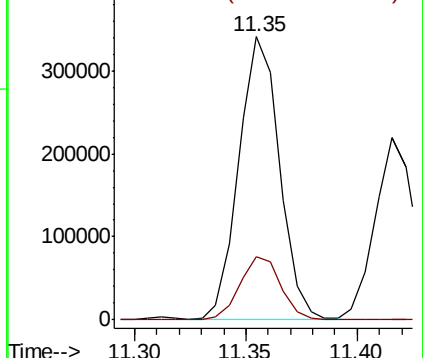
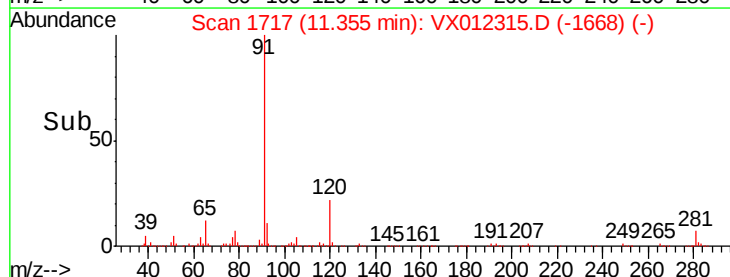
91 100

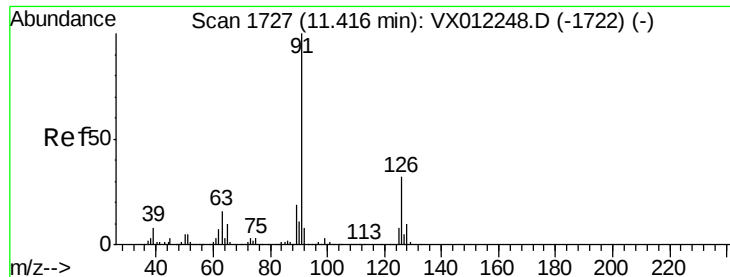
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

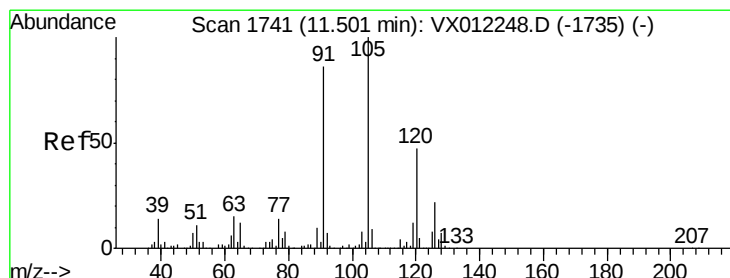
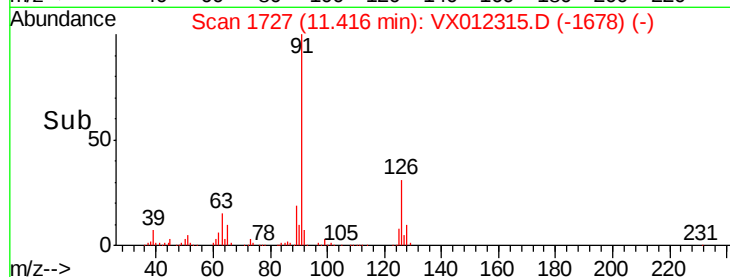
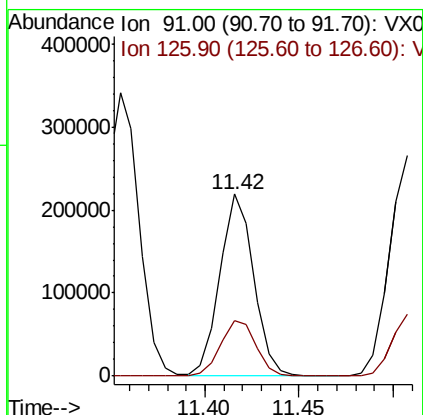
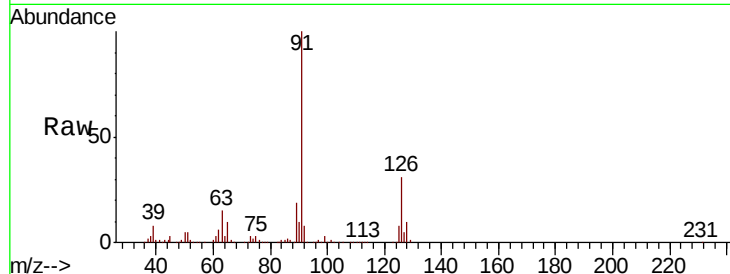




#79
 2-Chlorotoluene
 Concen: 51.009 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

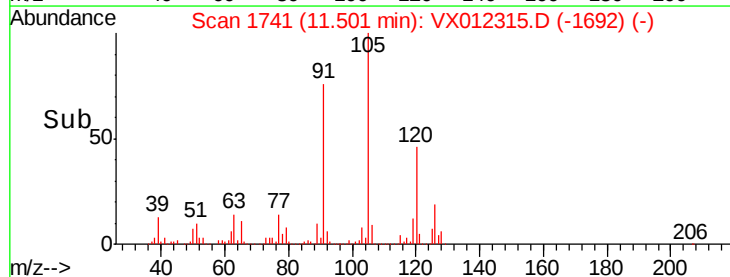
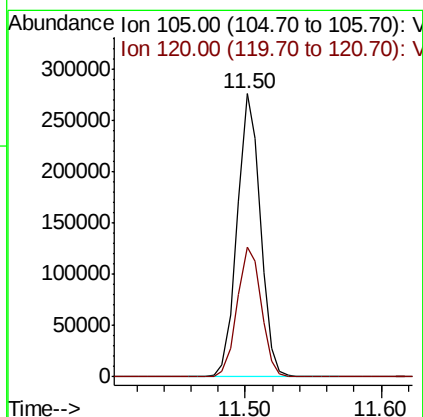
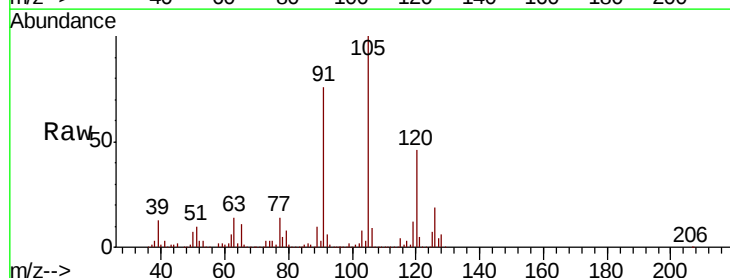
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

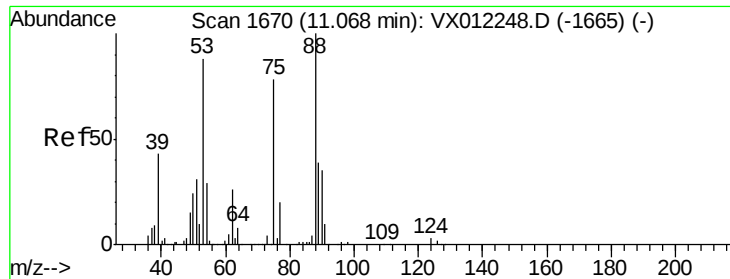
Tgt Ion: 91 Resp: 271642
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.845 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 105 Resp: 325467
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.7 71.1

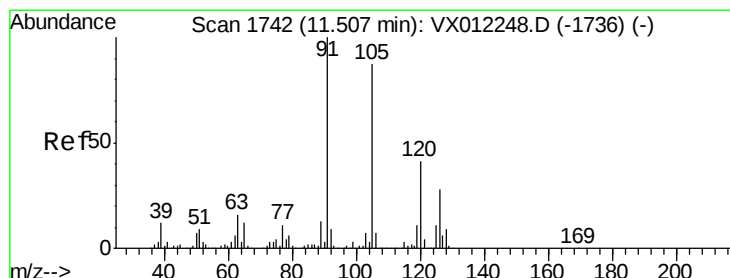
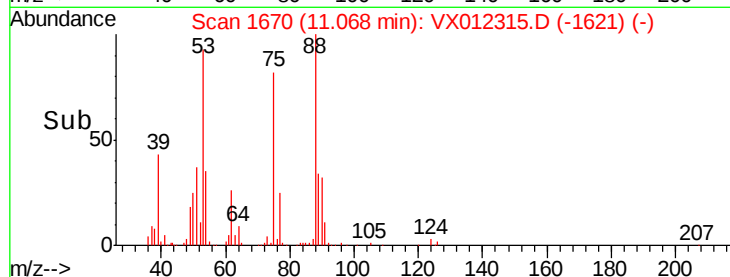
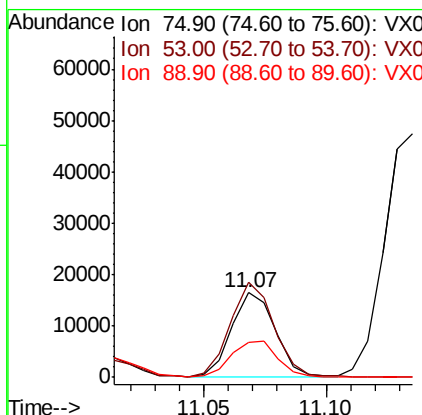
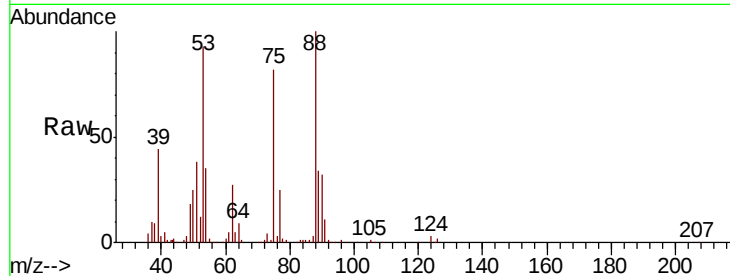




#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.432 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

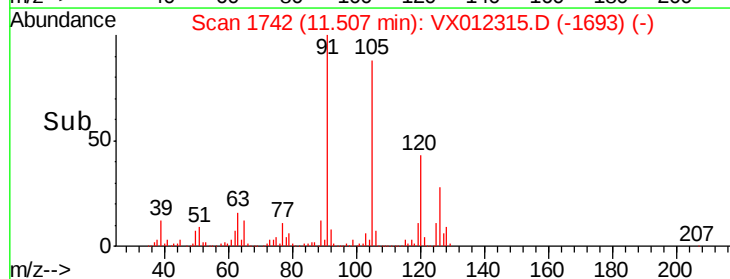
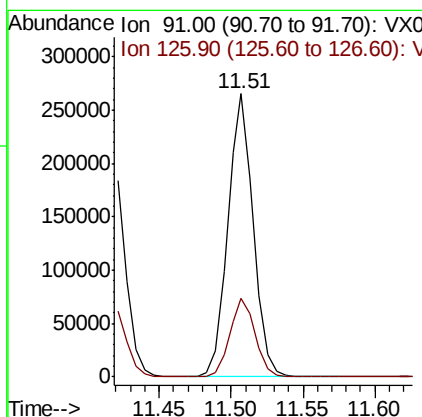
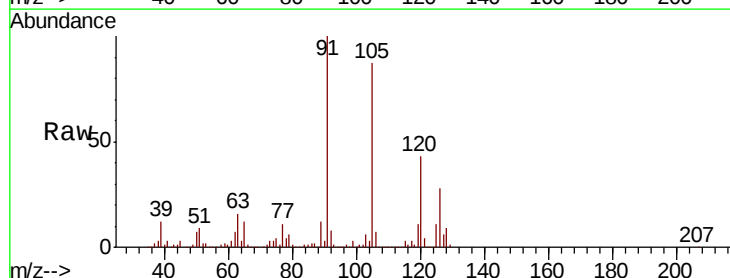
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

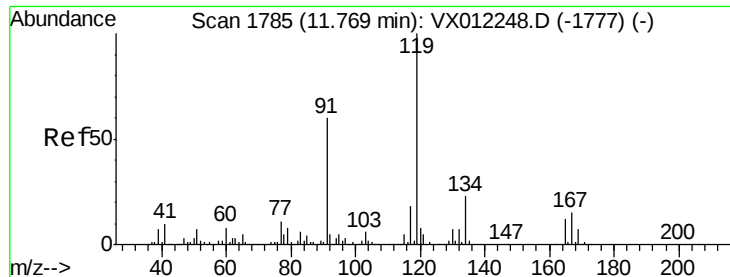
Tgt Ion: 75 Resp: 20134
 Ion Ratio Lower Upper
 75 100
 53 114.4 88.1 132.1
 89 46.9 43.5 65.3



#82
 4-Chlorotoluene
 Concen: 51.079 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 91 Resp: 326905
 Ion Ratio Lower Upper
 91 100
 126 27.9 14.0 42.0

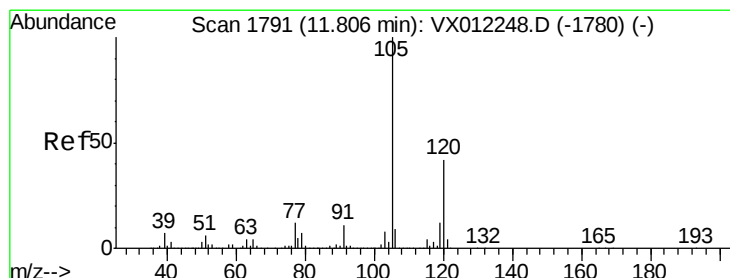
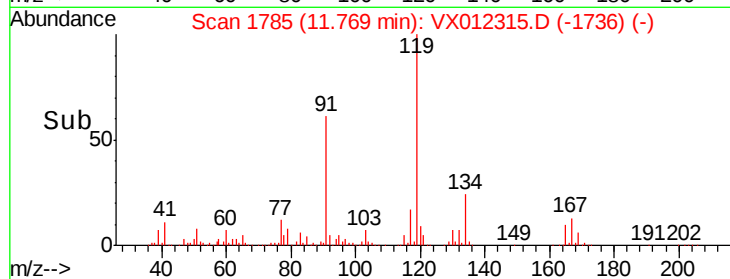
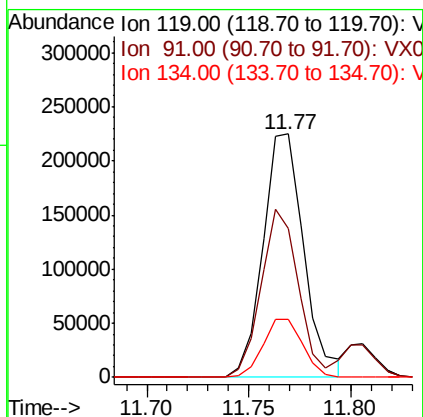
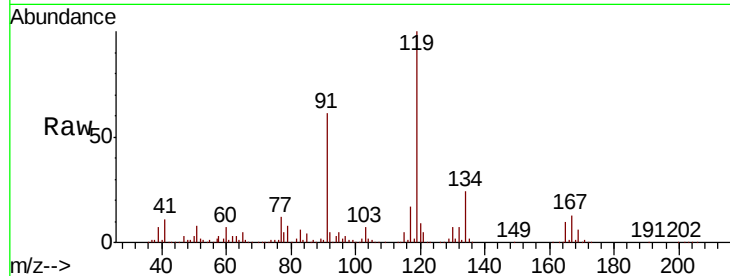




#83
 tert-Butylbenzene
 Concen: 50.339 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

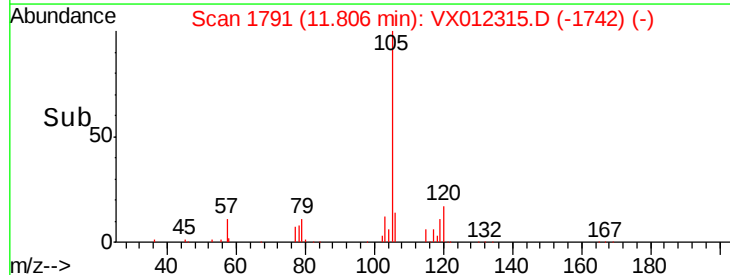
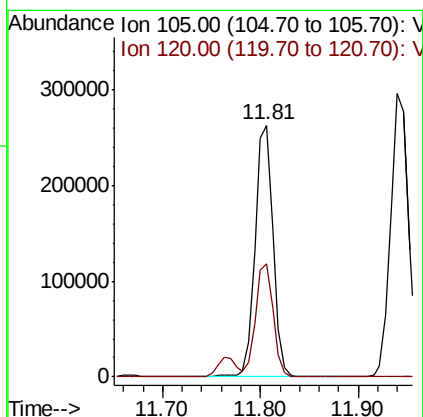
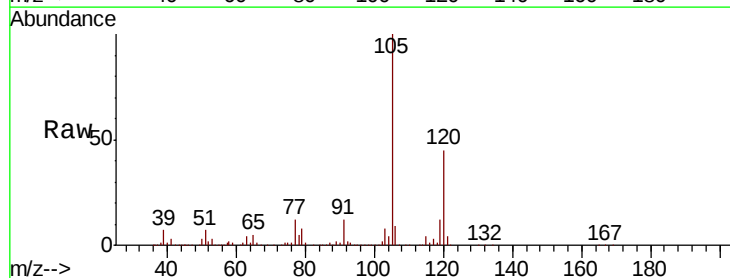
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

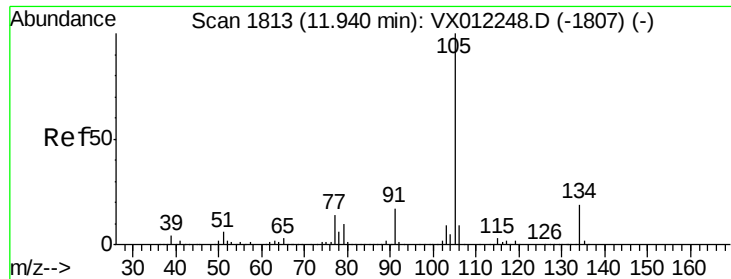
Tgt Ion:119 Resp: 312881
 Ion Ratio Lower Upper
 119 100
 91 63.3 30.9 92.8
 134 23.5 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.367 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion:105 Resp: 333284
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.3 63.9





#85

sec-Butylbenzene

Concen: 50.267 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

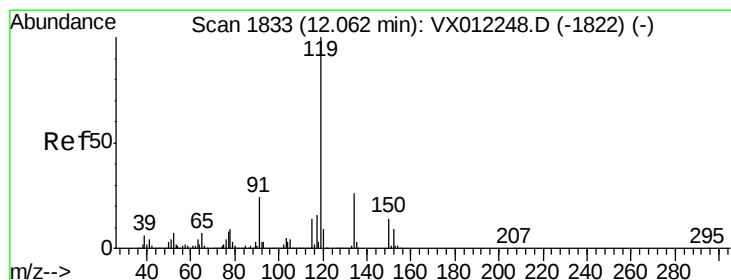
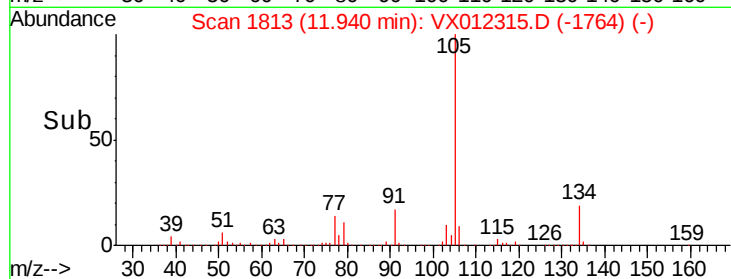
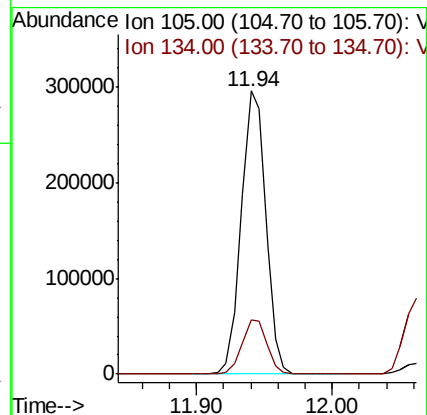
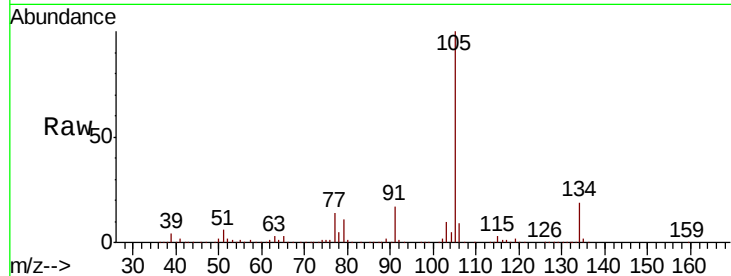
VSTDCCC050

Tgt Ion:105 Resp: 372790

Ion Ratio Lower Upper

105 100

134 19.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 50.682 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

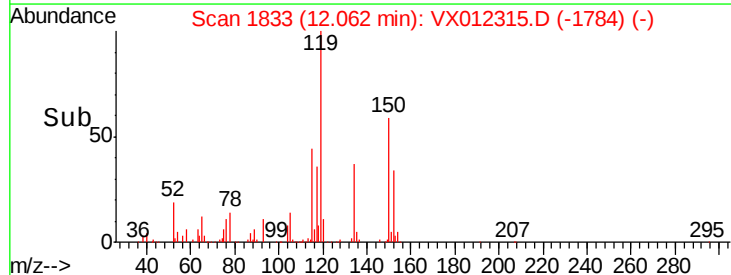
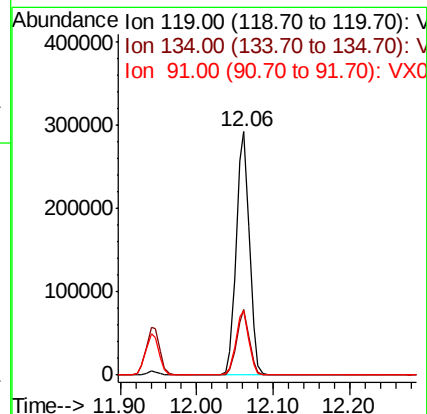
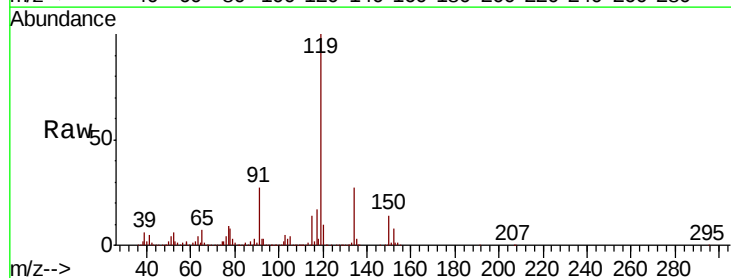
Tgt Ion:119 Resp: 347294

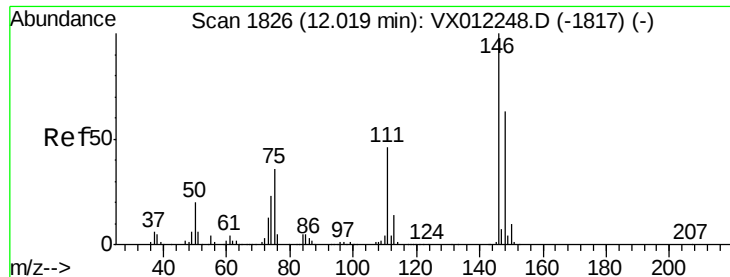
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 26.2 13.1 39.1

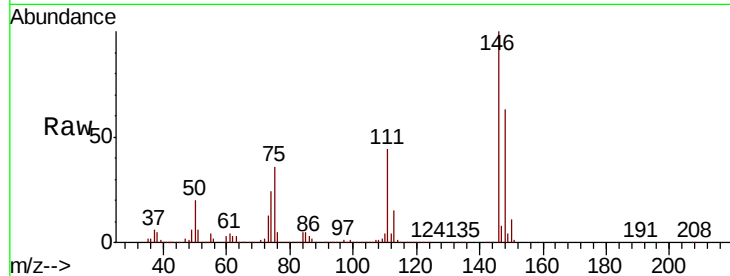




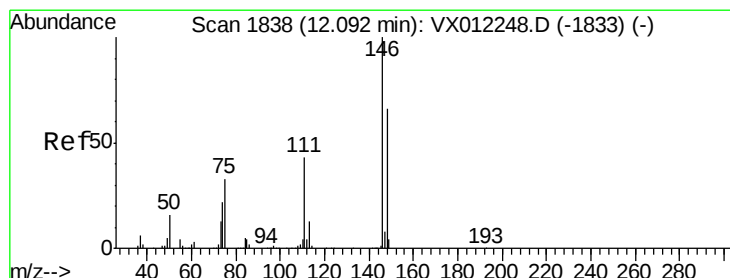
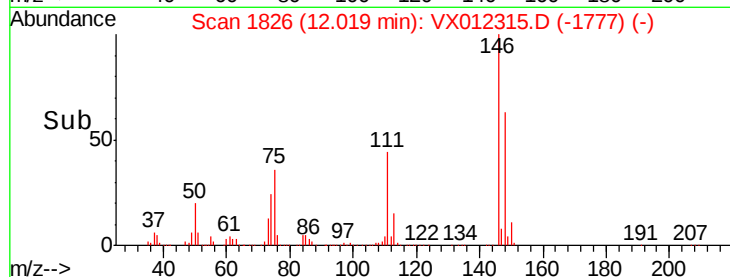
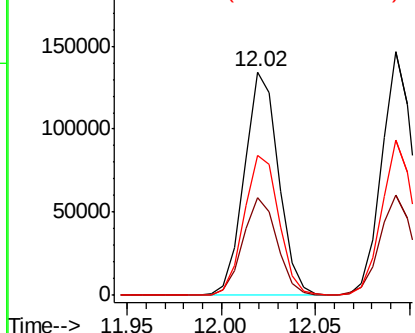
#87
 1,3-Dichlorobenzene
 Concen: 50.771 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 169491
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.3 66.8
 148 63.8 31.5 94.5

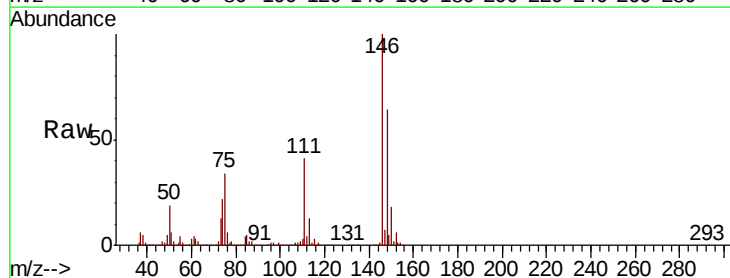


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

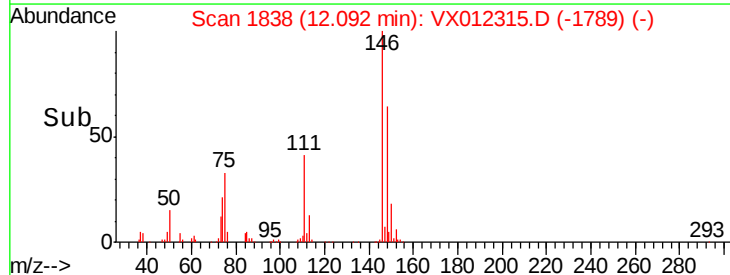
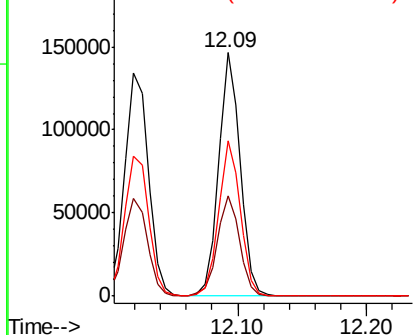


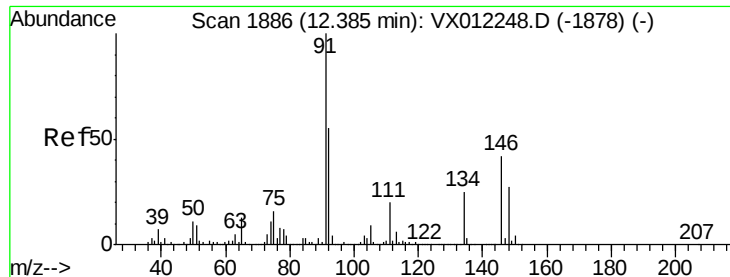
#88
 1,4-Dichlorobenzene
 Concen: 51.131 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion:146 Resp: 172601
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 64.8
 148 64.5 32.4 97.2



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





#89

n-Butylbenzene

Concen: 49.632 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

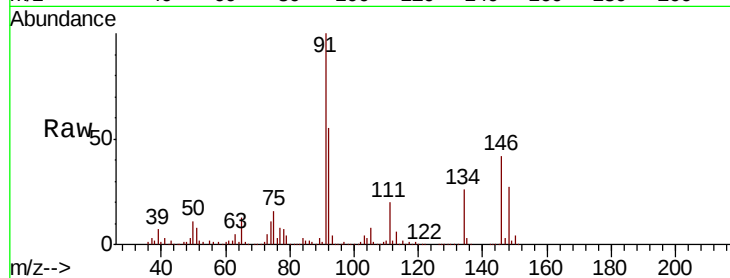
Tgt Ion: 91 Resp: 333344

Ion Ratio Lower Upper

91 100

92 54.8 27.6 82.7

134 25.7 12.5 37.5

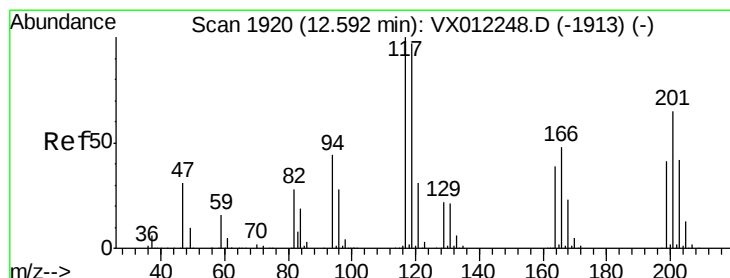
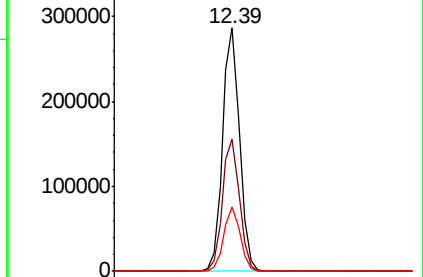
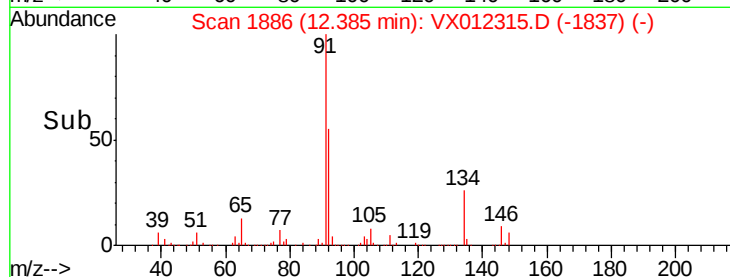


Abundance Ion 91.00 (90.70 to 91.70): VX012248.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012248.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012248.D (-1878) (-)

Time-->



#90

Hexachloroethane

Concen: 49.744 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012315.D

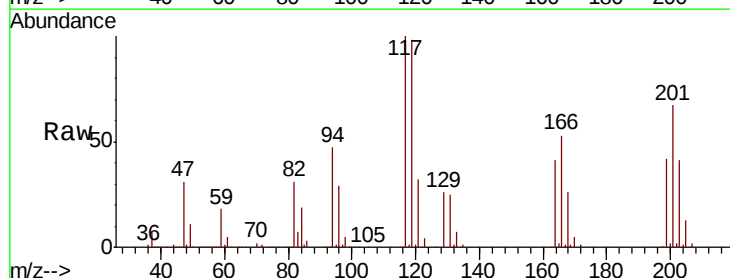
Acq: 11 Sep 2019 21:38

Tgt Ion: 117 Resp: 62785

Ion Ratio Lower Upper

117 100

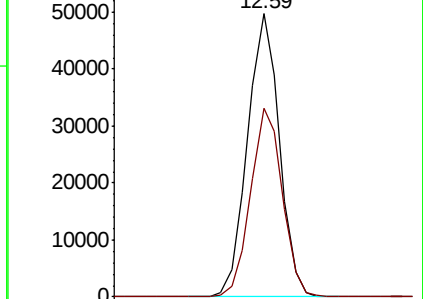
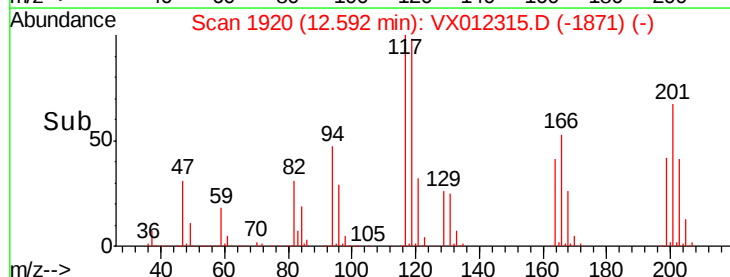
201 66.5 32.2 96.6

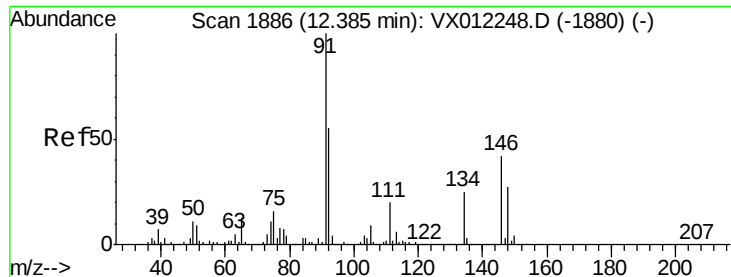


Abundance Ion 116.80 (116.50 to 117.50): VX012248.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012248.D (-1913) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 51.305 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

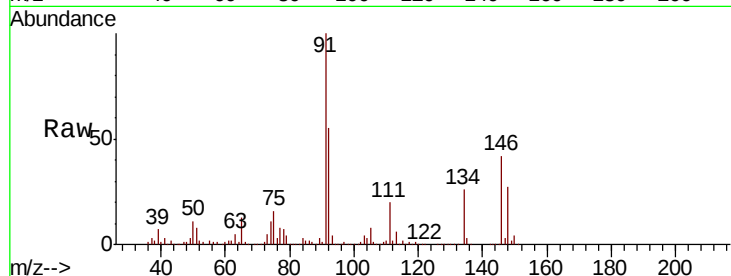
Tgt Ion:146 Resp: 158433

Ion Ratio Lower Upper

146 100

111 45.9 23.2 69.6

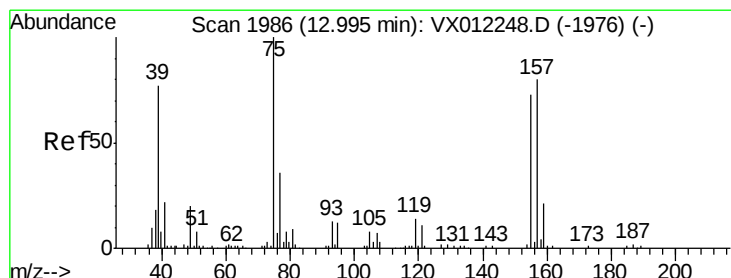
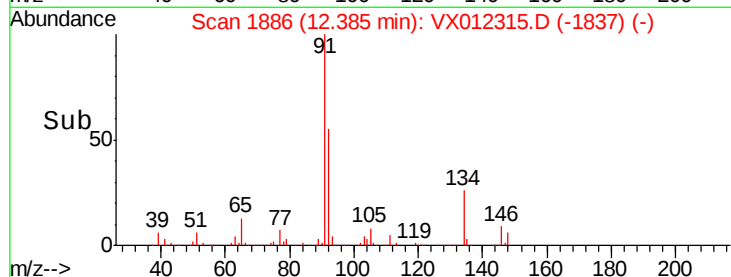
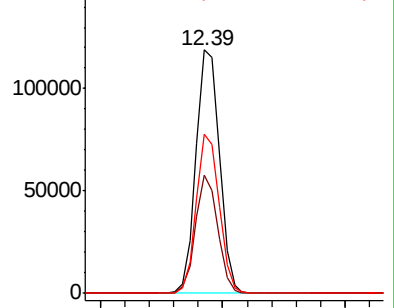
148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.855 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

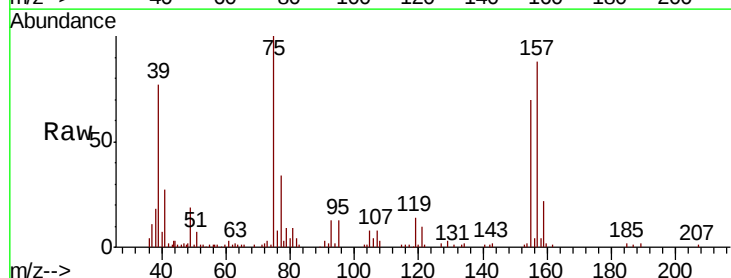
Tgt Ion: 75 Resp: 14308

Ion Ratio Lower Upper

75 100

155 74.2 35.3 105.7

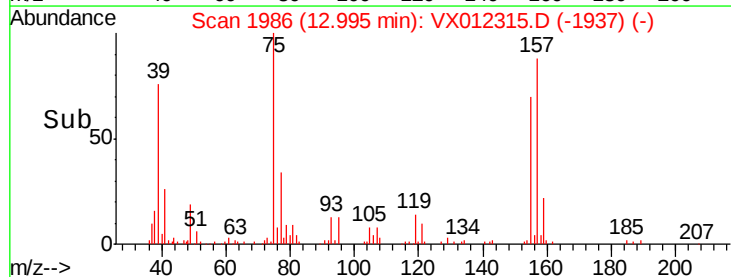
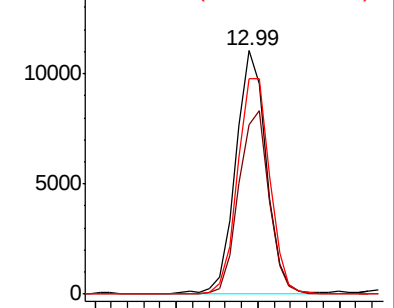
157 92.5 43.2 129.6

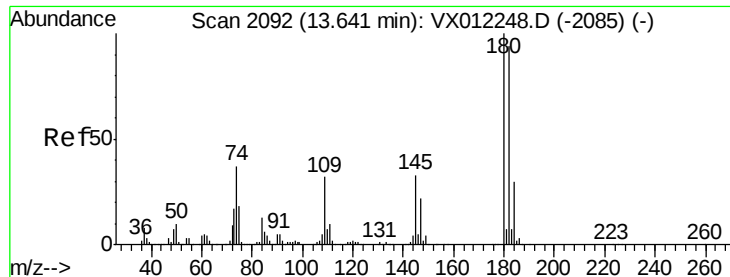


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

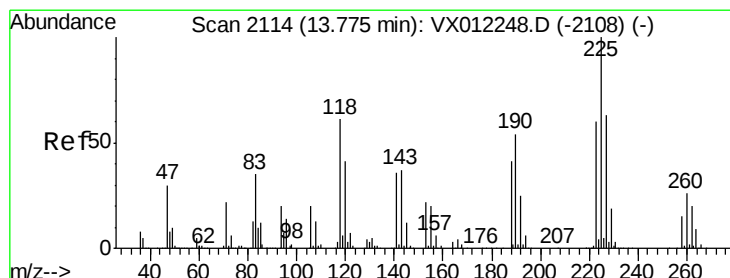
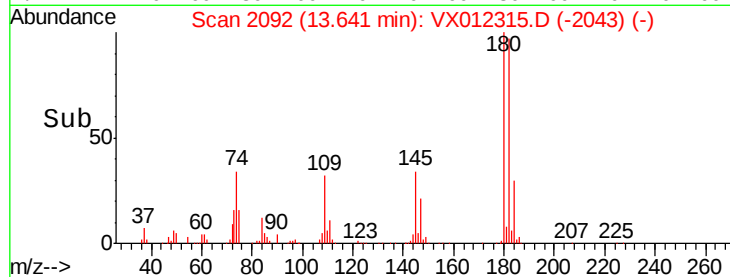
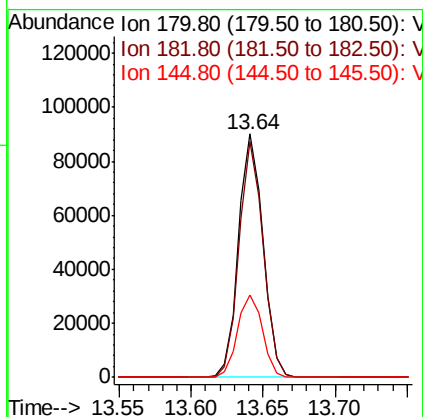
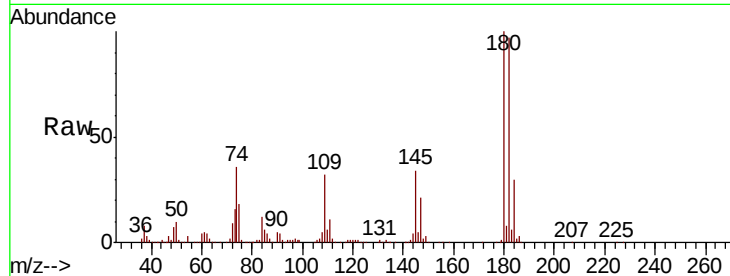




#93
 1,2,4-Trichlorobenzene
 Concen: 50.140 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

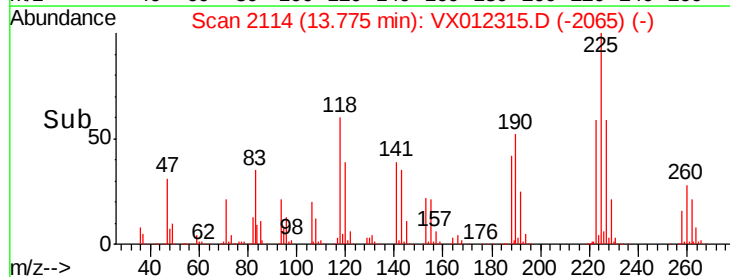
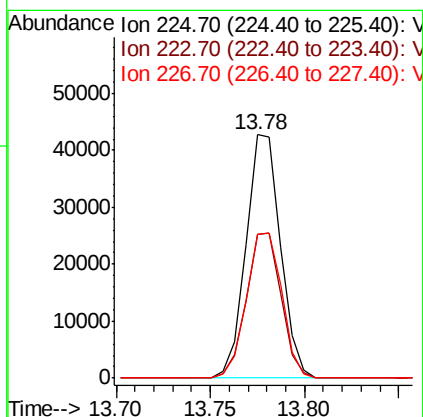
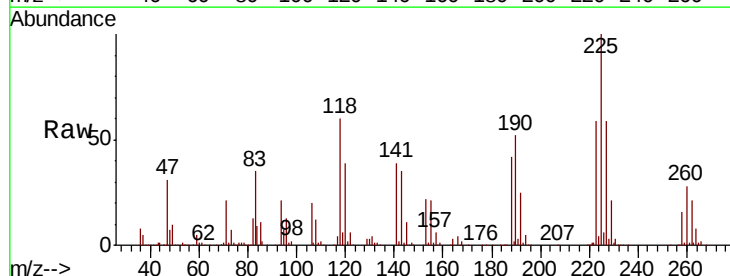
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

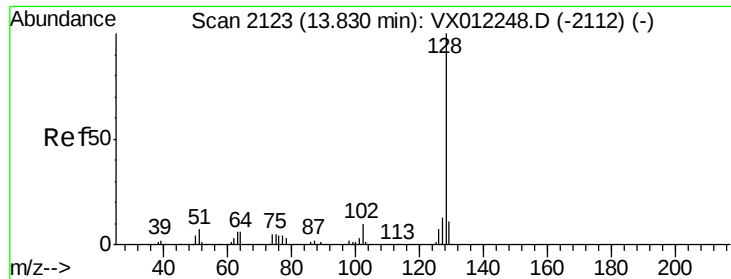
Tgt Ion:180 Resp: 106928
 Ion Ratio Lower Upper
 180 100
 182 95.4 46.9 140.8
 145 34.5 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 51.139 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion:225 Resp: 54255
 Ion Ratio Lower Upper
 225 100
 223 60.2 32.1 96.5
 227 61.5 32.5 97.5

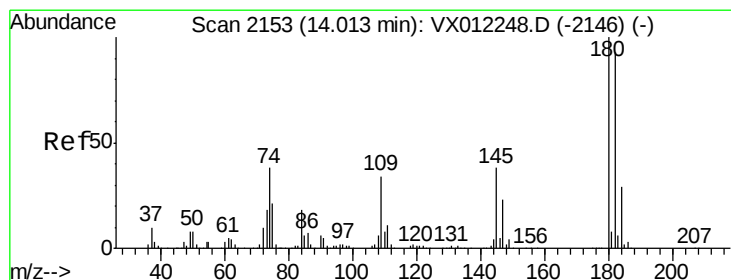
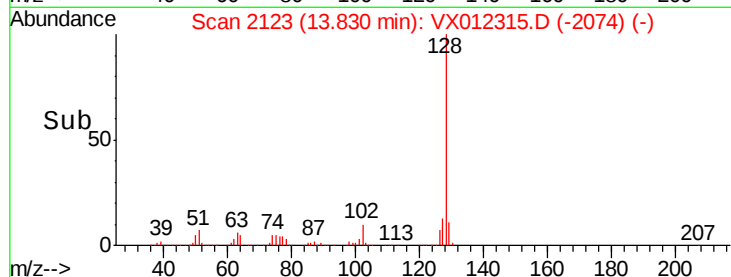
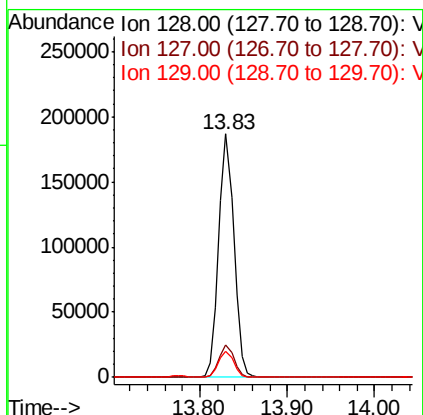
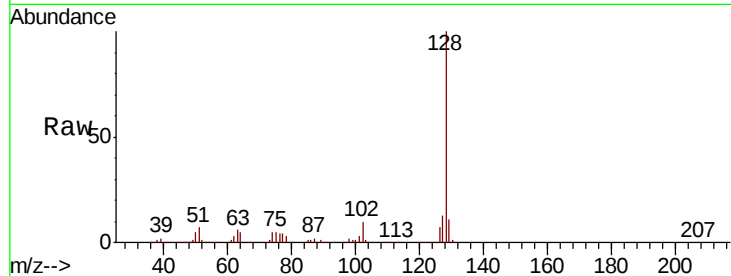




#95
Naphthalene
Concen: 48.976 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 224142
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.616 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion:180 Resp: 95507
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.0
145 36.3 18.6 55.8

