

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013613.D
 Acq On : 26 Nov 2019 20:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 27 03:43:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	695640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1075476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	960985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	481651	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	391976	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.49	113	328397	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	1249860	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	453000	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	392308	50.667	ug/l	99
3) Chloromethane	1.31	50	425368	48.960	ug/l	99
4) Vinyl Chloride	1.40	62	498872	51.017	ug/l	98
5) Bromomethane	1.63	94	304995	46.443	ug/l	97
6) Chloroethane	1.71	64	265718	47.753	ug/l	100
7) Trichlorofluoromethane	1.92	101	524357	48.291	ug/l	99
8) Diethyl Ether	2.18	74	240811	49.021	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	318947	48.090	ug/l	98
10) Methyl Iodide	2.50	142	420876	52.459	ug/l	99
11) Tert butyl alcohol	3.03	59	446283	223.911	ug/l	99
12) 1,1-Dichloroethene	2.36	96	328071	49.556	ug/l	98
13) Acrolein	2.28	56	305131	229.421	ug/l	99
14) Allyl chloride	2.72	41	585011	48.694	ug/l	99
15) Acrylonitrile	3.13	53	1002813	243.747	ug/l	99
16) Acetone	2.43	43	892658	223.913	ug/l	100
17) Carbon Disulfide	2.56	76	901934	47.792	ug/l	99
18) Methyl Acetate	2.76	43	567047	51.080	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1102831	50.286	ug/l	100
20) Methylene Chloride	2.84	84	365248	47.689	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	352962	48.941	ug/l	99
22) Diisopropyl ether	3.84	45	1152173	49.806	ug/l	98
23) Vinyl Acetate	3.80	43	4863458	252.718	ug/l	100
24) 1,1-Dichloroethane	3.69	63	630618	49.866	ug/l	99
25) 2-Butanone	4.66	43	1429024	241.190	ug/l	100
26) 2,2-Dichloropropane	4.58	77	491746	46.998	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	401923	48.528	ug/l	99
28) Bromochloromethane	5.00	49	256391	51.304	ug/l	100
29) Tetrahydrofuran	5.11	42	913638	250.139	ug/l	99
30) Chloroform	5.20	83	614354	47.902	ug/l	99
31) Cyclohexane	5.57	56	577974	48.455	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	530417	49.490	ug/l	99
36) 1,1-Dichloropropene	5.79	75	474340	48.587	ug/l	99
37) Ethyl Acetate	4.82	43	545671	49.823	ug/l	99
38) Carbon Tetrachloride	5.78	117	455423	50.591	ug/l	100

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 QLast Update : Tue Nov 26 15:53:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	586971	48.641	ug/l	96
40) Benzene	6.14	78	1463184	49.210	ug/l	98
41) Methacrylonitrile	5.03	41	305841	50.919	ug/l	99
42) 1,2-Dichloroethane	6.19	62	498277	49.138	ug/l	99
43) Isopropyl Acetate	6.44	43	902504	50.054	ug/l	100
44) Trichloroethene	7.20	130	392332	48.078	ug/l	100
45) 1,2-Dichloropropane	7.51	63	370894	49.856	ug/l	96
46) Dibromomethane	7.65	93	244287	48.349	ug/l	99
47) Bromodichloromethane	7.89	83	483038	50.571	ug/l	99
48) Methyl methacrylate	7.76	41	447026	51.026	ug/l	99
49) 1,4-Dioxane	7.73	88	180437	920.135	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2789926	245.987	ug/l	99
52) Toluene	8.78	92	916761	49.630	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	542276	49.877	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	601918	50.675	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	368151	49.458	ug/l	98
56) Ethyl methacrylate	9.17	69	607985	50.802	ug/l	99
57) 1,3-Dichloropropane	9.37	76	616896	48.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1153244	245.777	ug/l	99
59) 2-Hexanone	9.49	43	2149167	242.961	ug/l	100
60) Dibromochloromethane	9.57	129	393319	50.914	ug/l	100
61) 1,2-Dibromoethane	9.67	107	383205	48.200	ug/l	99
64) Tetrachloroethene	9.33	164	354848	49.515	ug/l	95
65) Chlorobenzene	10.14	112	974572	48.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	362330	50.572	ug/l	100
67) Ethyl Benzene	10.25	91	1743657	50.857	ug/l	98
68) m/p-Xylenes	10.36	106	1368114	104.227	ug/l	100
69) o-Xylene	10.70	106	649227	50.713	ug/l	99
70) Styrene	10.71	104	1095152	50.854	ug/l	99
71) Bromoform	10.85	173	311867	52.608	ug/l #	99
73) Isopropylbenzene	11.01	105	1695661	50.188	ug/l	100
74) N-amyl acetate	10.89	43	795108	51.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	576665	49.217	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	672615	62.088	ug/l	88
77) Bromobenzene	11.25	156	445411	48.799	ug/l	99
78) n-propylbenzene	11.35	91	1896527	50.285	ug/l	100
79) 2-Chlorotoluene	11.42	91	1124502	49.703	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1430787	51.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	198452	50.117	ug/l	97
82) 4-Chlorotoluene	11.51	91	1293462	49.361	ug/l	100
83) tert-Butylbenzene	11.76	119	1427911	50.740	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1472292	52.389	ug/l	100
85) sec-Butylbenzene	11.94	105	1617190	50.311	ug/l	100
86) p-Isopropyltoluene	12.06	119	1517218	50.737	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	778512	48.931	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	782641	48.293	ug/l	99
89) n-Butylbenzene	12.39	91	1311608	51.426	ug/l	99
90) Hexachloroethane	12.59	117	270444	50.035	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	780921	49.676	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128969	50.546	ug/l	98

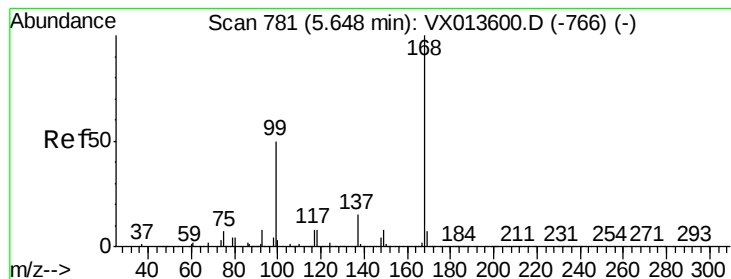
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	551087	50.301	ug/l	100
94) Hexachlorobutadiene	13.78	225	246362	46.810	ug/l	100
95) Naphthalene	13.83	128	1753275	53.737	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	546704	50.398	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

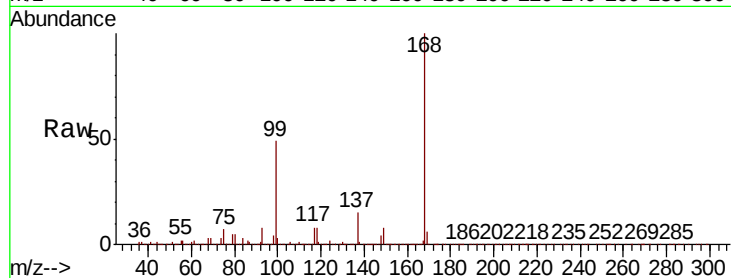
VSTDCCC050EC

Tot Ion:168 Resp: 695640

Ion Ratio Lower Upper

168 100

99 49.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

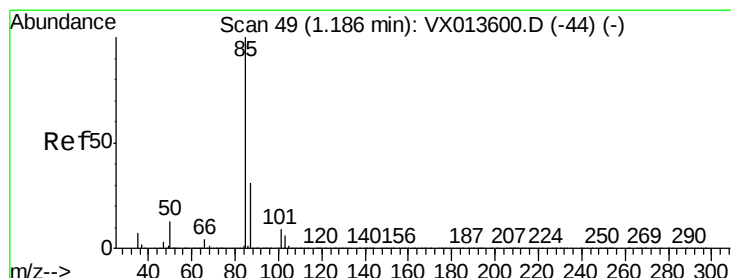
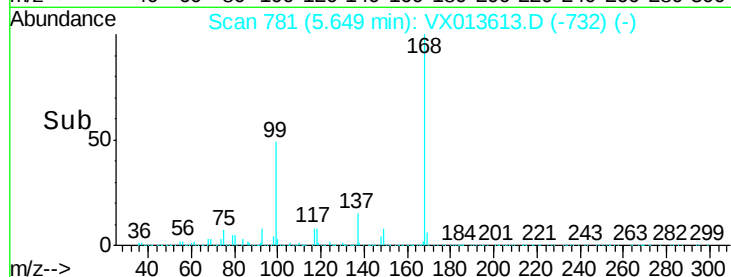
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.667 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013613.D

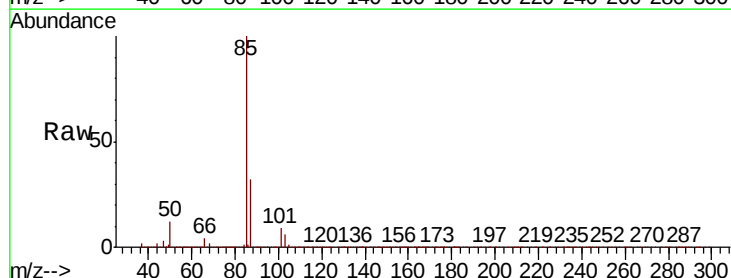
Acq: 26 Nov 2019 20:53

Tgt Ion: 85 Resp: 392308

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

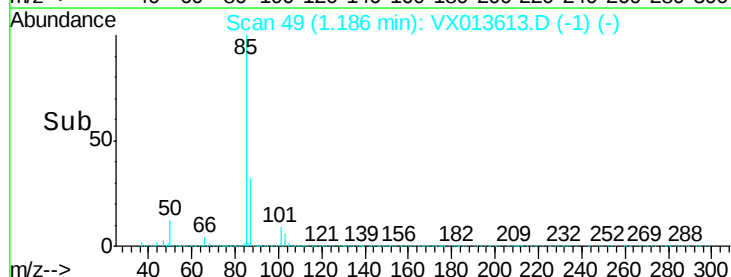
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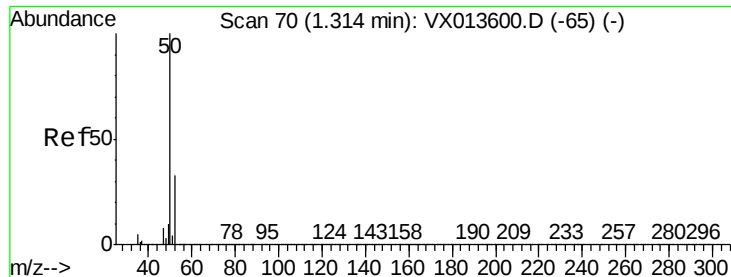
200000

100000

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Time-->





#3

Chloromethane

Concen: 48.960 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

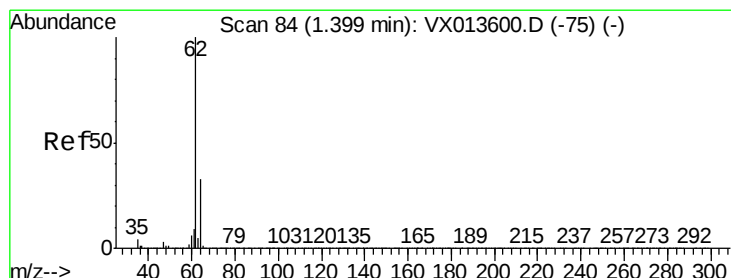
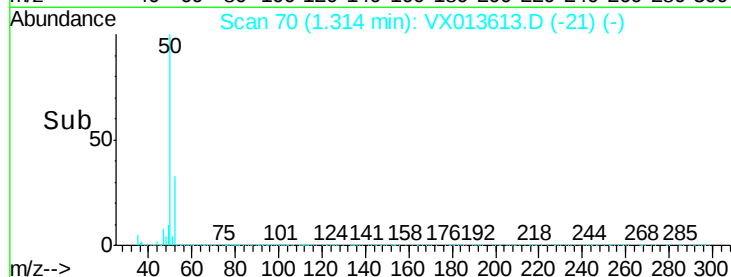
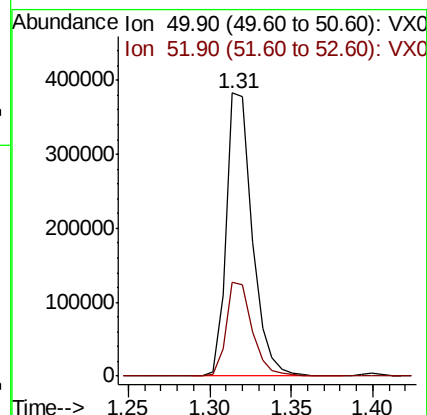
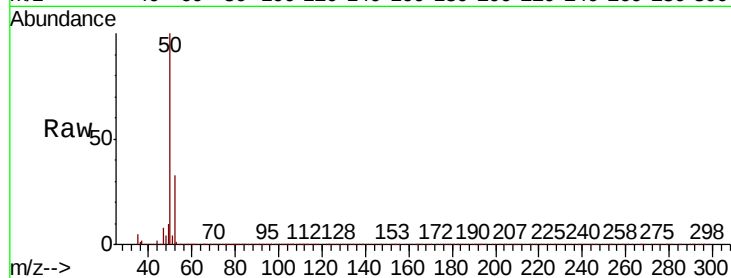
VSTDCCC050EC

Tot Ion: 50 Resp: 425368

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 51.017 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013613.D

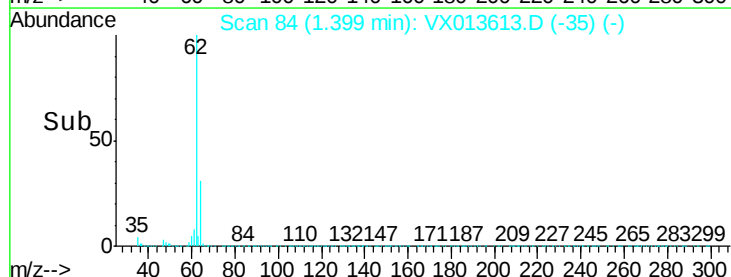
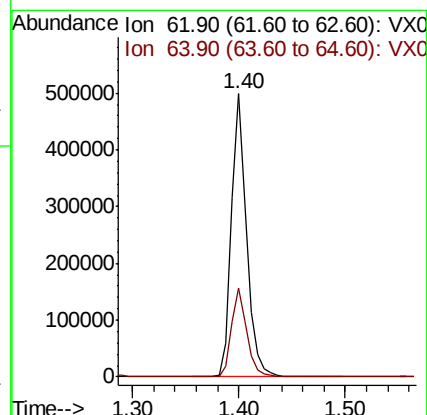
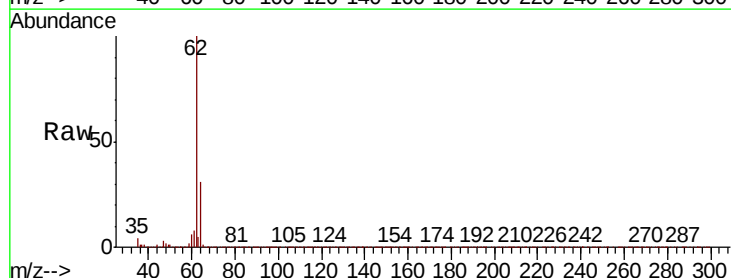
Acq: 26 Nov 2019 20:53

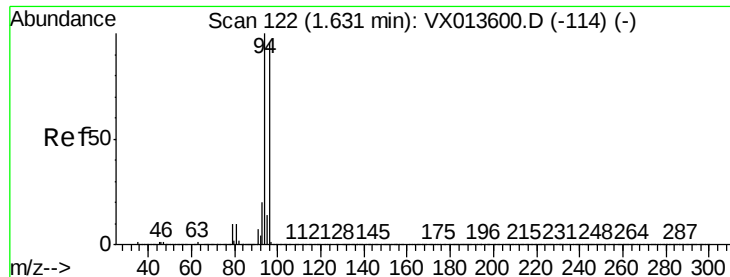
Tgt Ion: 62 Resp: 498872

Ion Ratio Lower Upper

62 100

64 31.2 26.0 39.0





#5

Bromomethane

Concen: 46.443 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

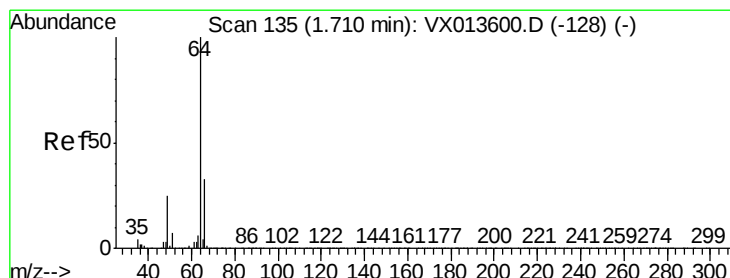
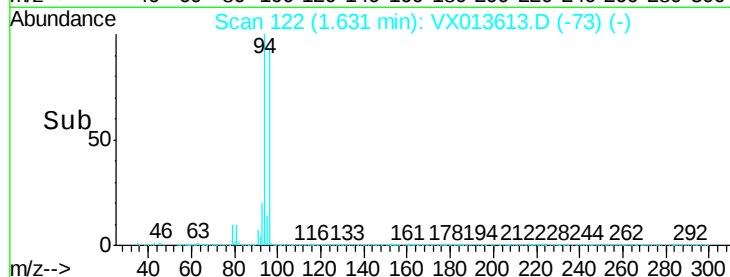
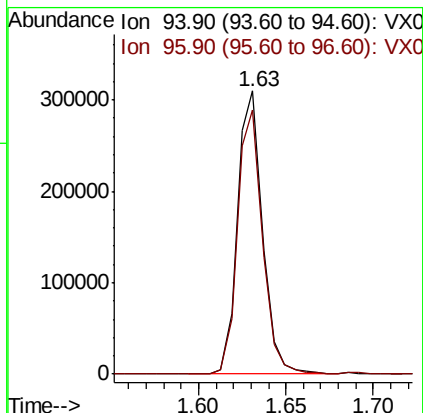
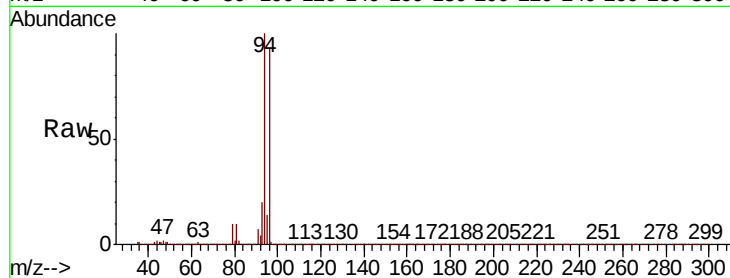
VSTDCCC050EC

Tot Ion: 94 Resp: 304995

Ion Ratio Lower Upper

94 100

96 93.1 77.0 115.4



#6

Chloroethane

Concen: 47.753 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013613.D

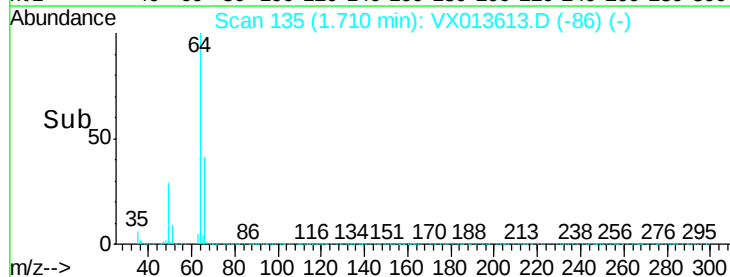
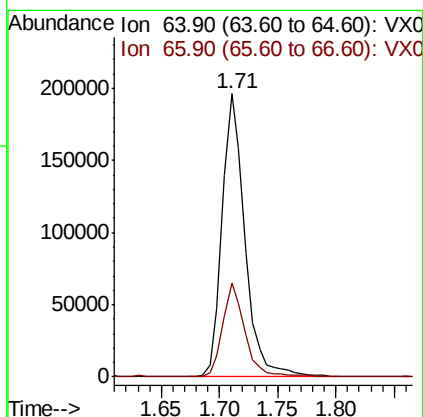
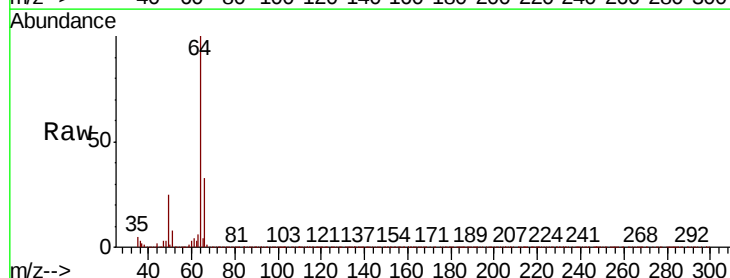
Acq: 26 Nov 2019 20:53

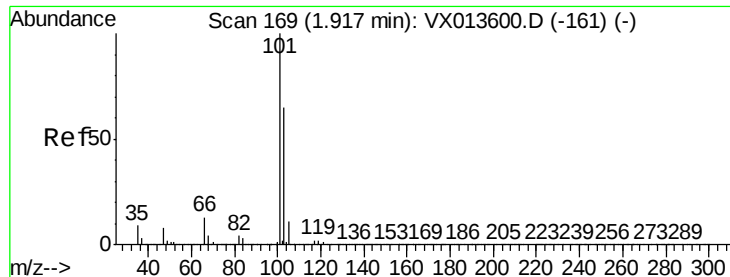
Tgt Ion: 64 Resp: 265718

Ion Ratio Lower Upper

64 100

66 33.1 26.7 40.1



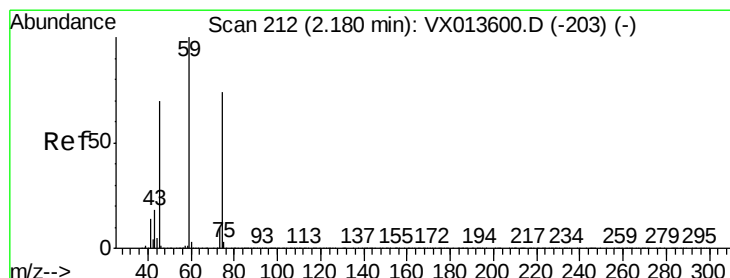
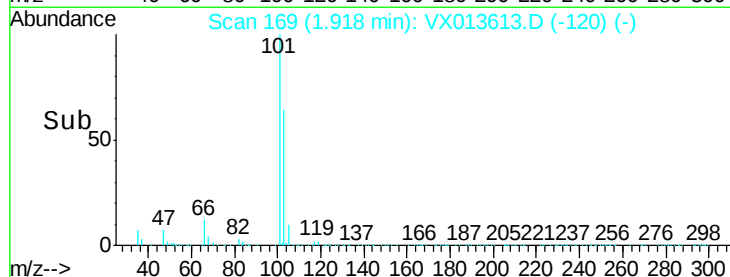
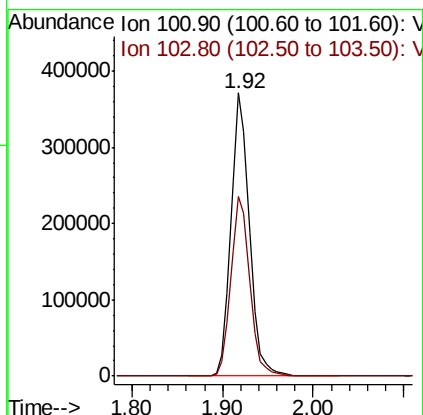
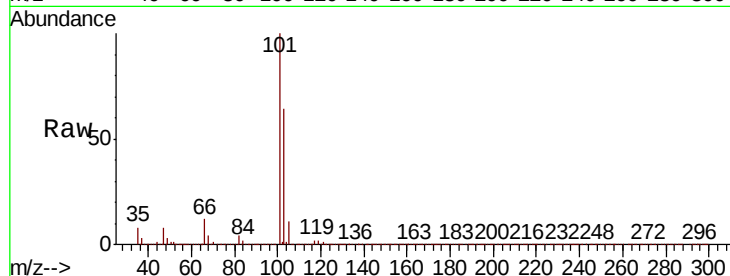


#7

Trichlorofluoromethane
Concen: 48.291 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
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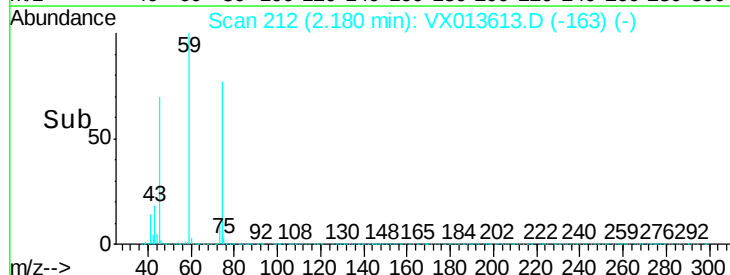
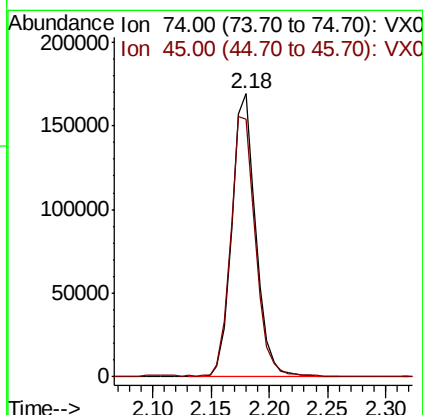
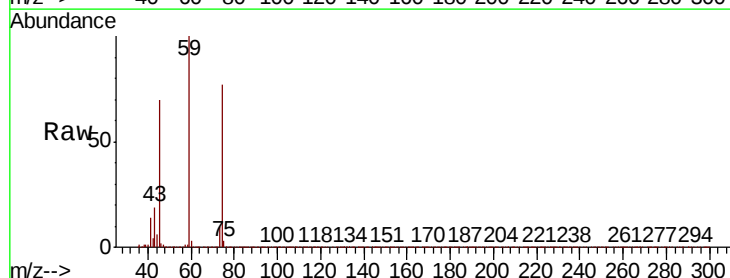
Tot Ion:101 Resp: 524357
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.6

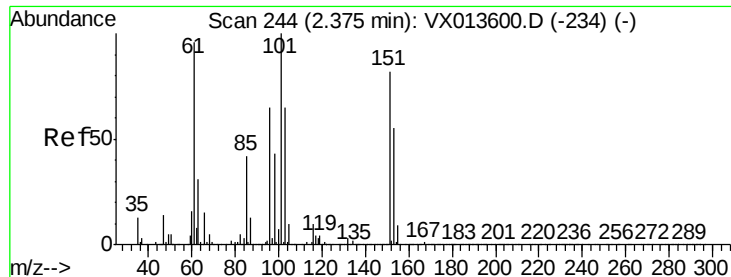


#8

Diethyl Ether
Concen: 49.021 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 74 Resp: 240811
Ion Ratio Lower Upper
74 100
45 95.1 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.090 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

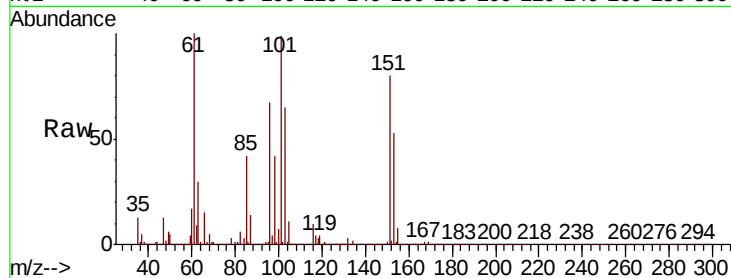
Tot Ion:101 Resp: 318947

Ion Ratio Lower Upper

101 100

85 42.1 33.9 50.9

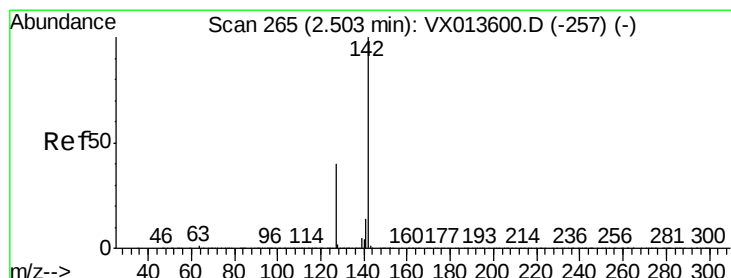
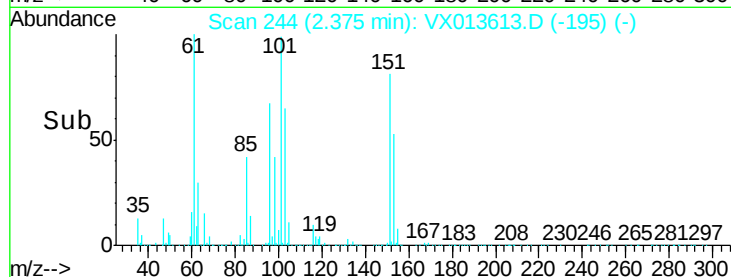
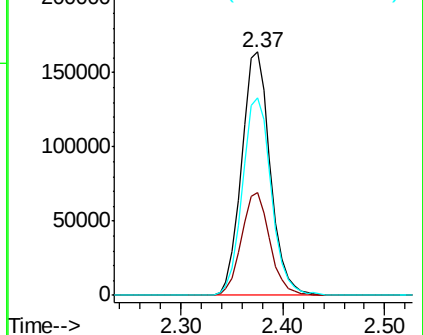
151 82.1 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.459 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

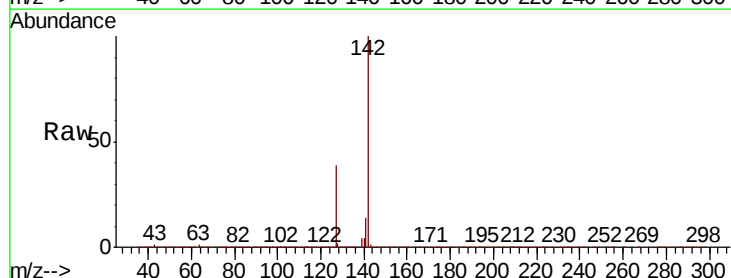
Tgt Ion:142 Resp: 420876

Ion Ratio Lower Upper

142 100

127 39.4 31.0 46.4

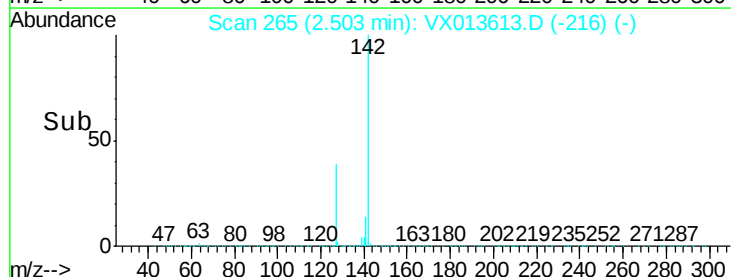
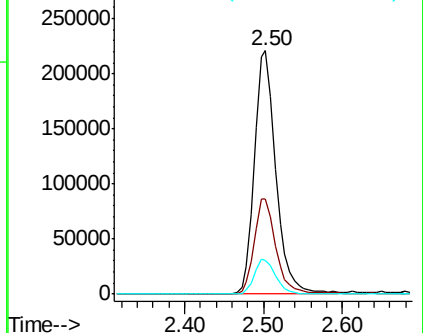
141 14.4 11.6 17.4

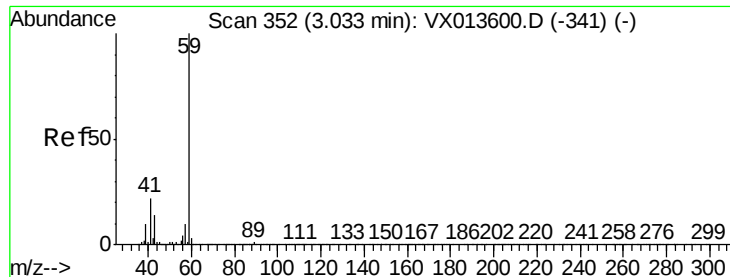


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



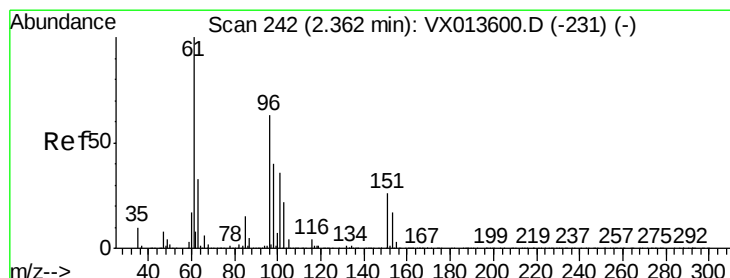
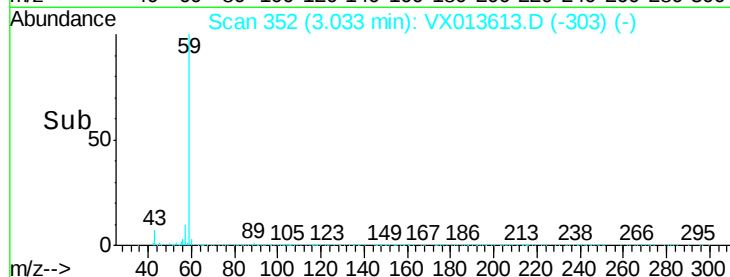
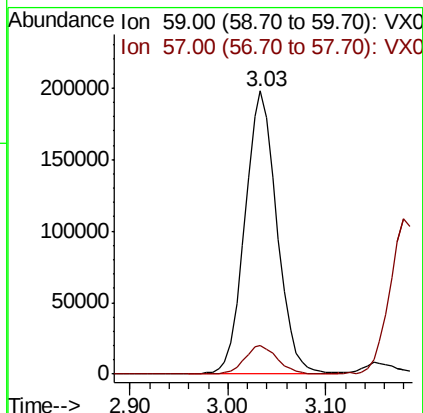
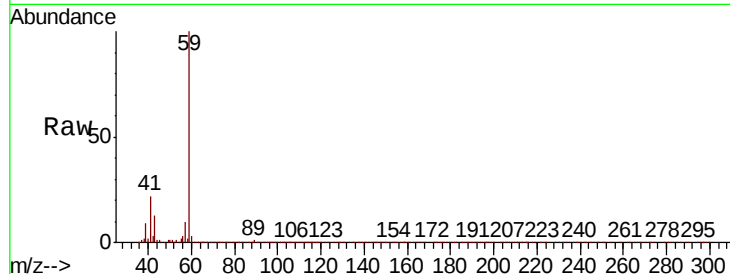


#11

Tert butyl alcohol
Concen: 223.911 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

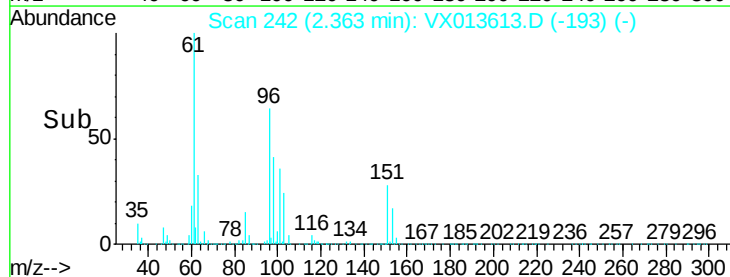
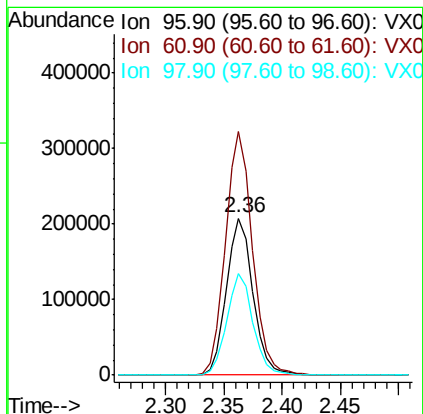
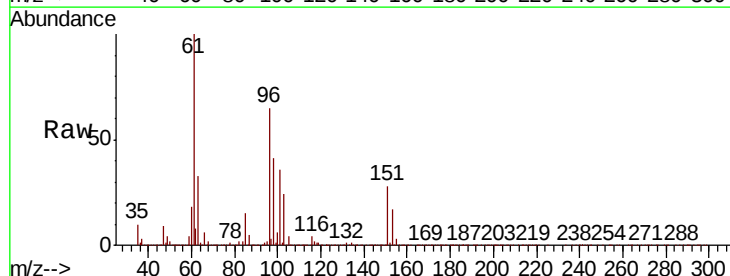
Tot Ion: 59 Resp: 446283
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.6

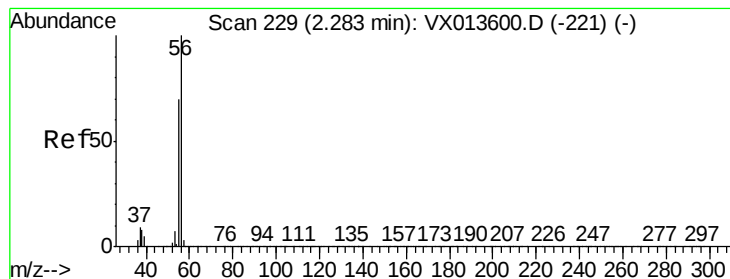


#12

1,1-Dichloroethene
Concen: 49.556 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 96 Resp: 328071
Ion Ratio Lower Upper
96 100
61 154.9 126.6 190.0
98 64.3 50.6 76.0





#13

Acrolein

Concen: 229.421 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

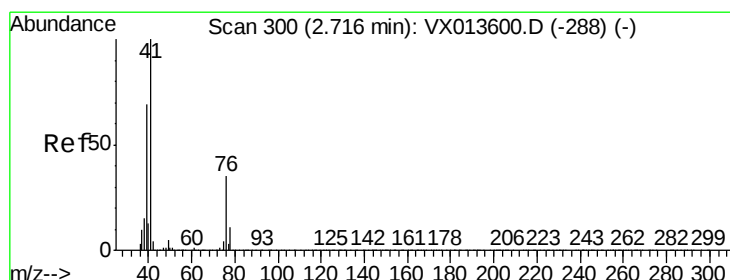
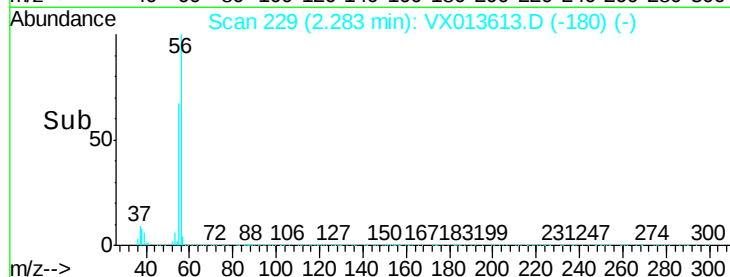
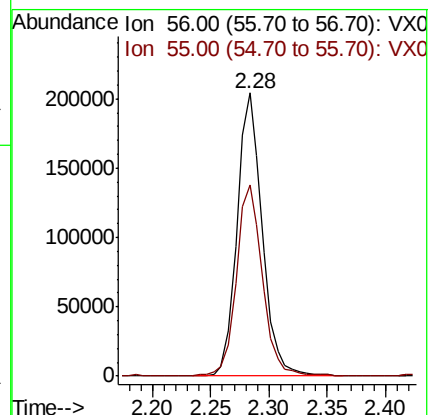
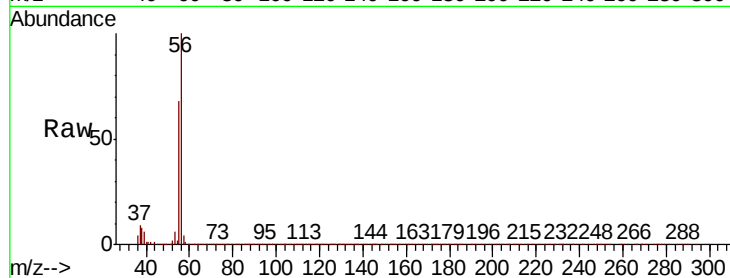
VSTDCCC050EC

Tot Ion: 56 Resp: 305131

Ion Ratio Lower Upper

56 100

55 69.5 56.2 84.4



#14

Allyl chloride

Concen: 48.694 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

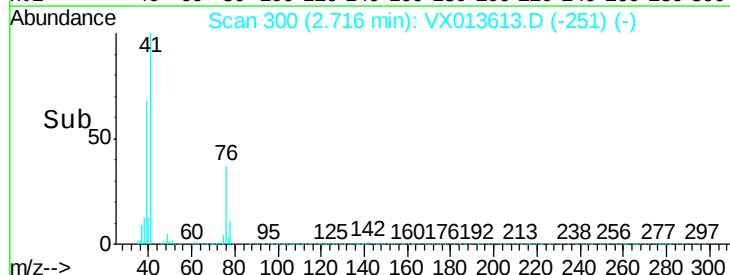
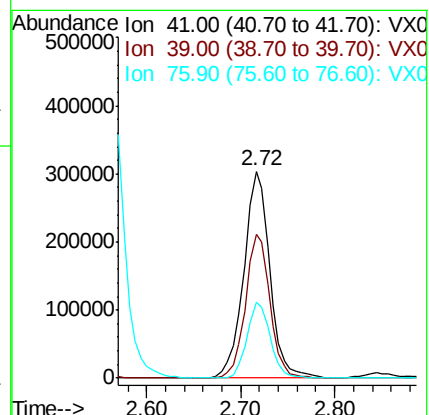
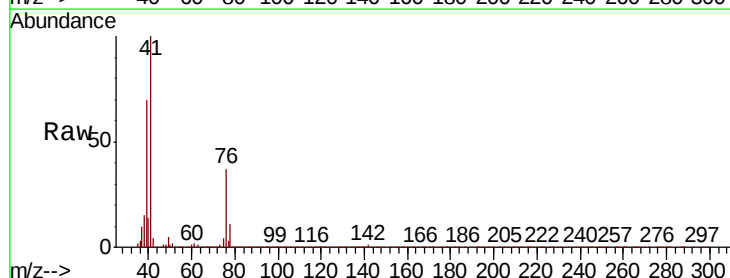
Tgt Ion: 41 Resp: 585011

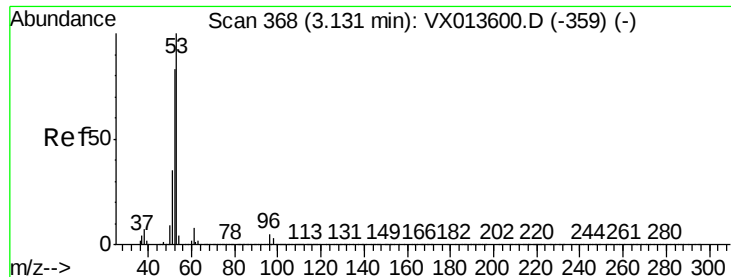
Ion Ratio Lower Upper

41 100

39 65.3 51.7 77.5

76 32.8 25.9 38.9





#15

Acrylonitrile

Concen: 243.747 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

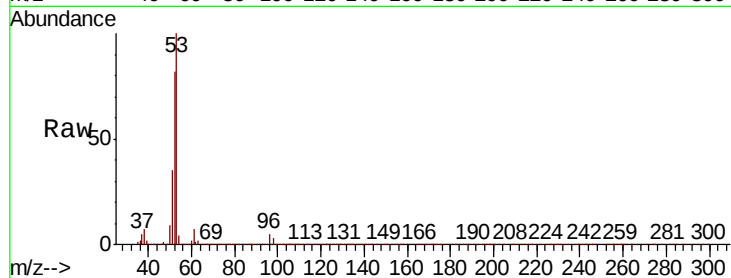
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1002813

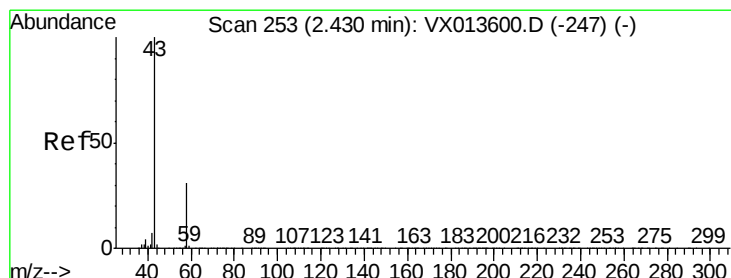
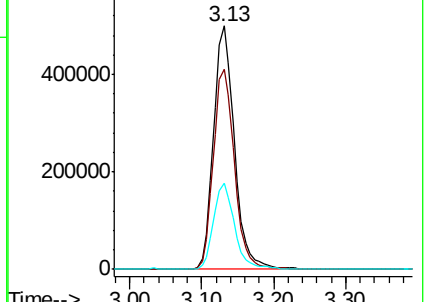
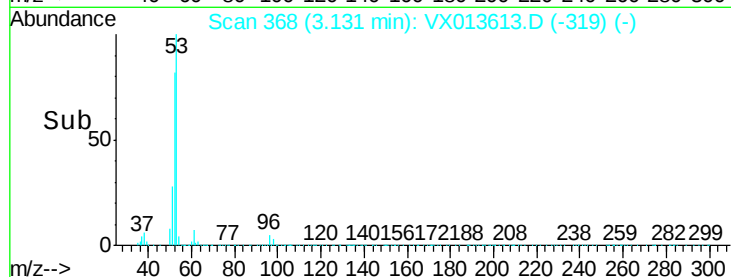
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.2
51	35.8	29.0	43.6



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: 223.913 ug/l

RT: 2.43 min Scan# 253

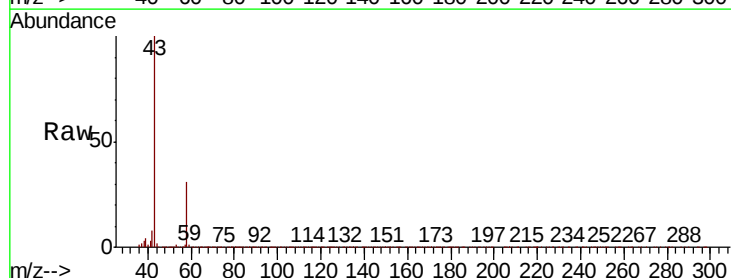
Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

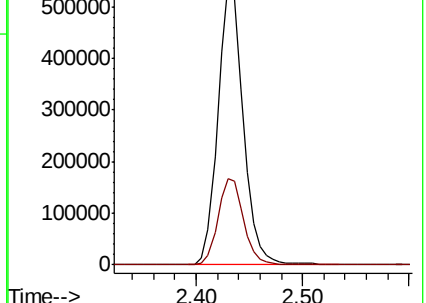
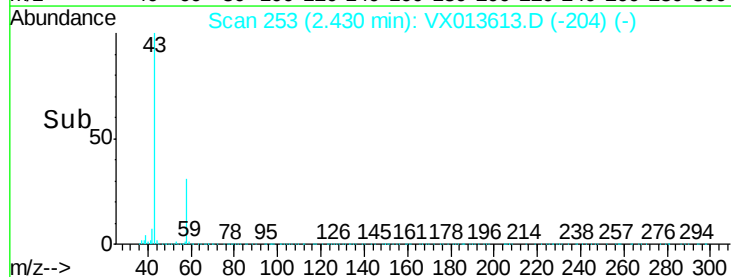
Tgt Ion: 43 Resp: 892658

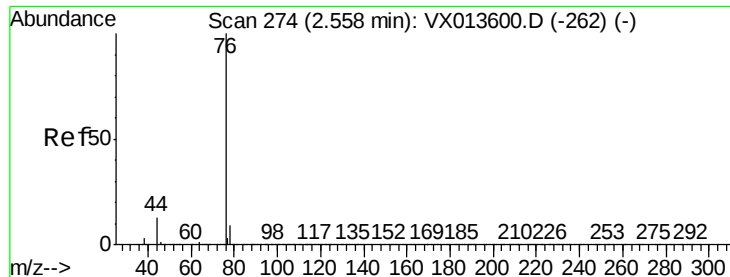
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.792 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

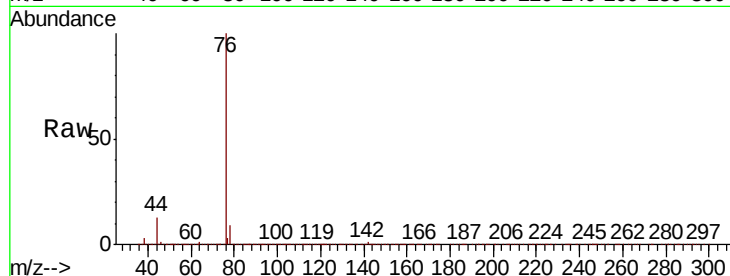
VSTDCCC050EC

Tot Ion: 76 Resp: 901934

Ion Ratio Lower Upper

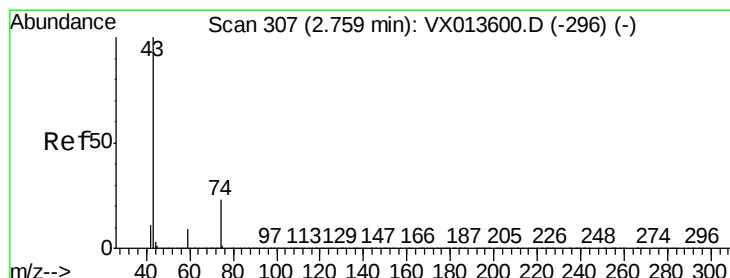
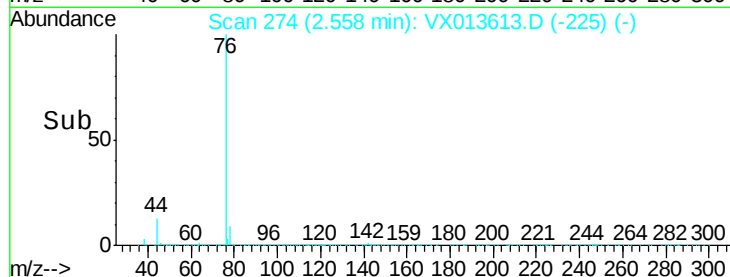
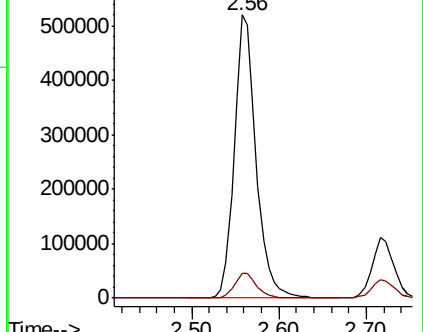
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.080 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013613.D

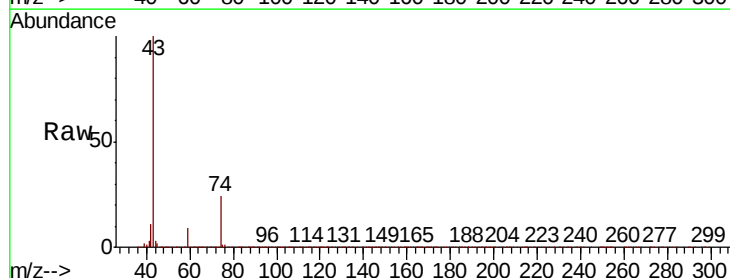
Acq: 26 Nov 2019 20:53

Tgt Ion: 43 Resp: 567047

Ion Ratio Lower Upper

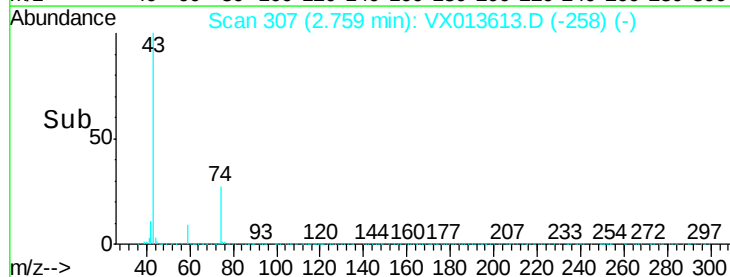
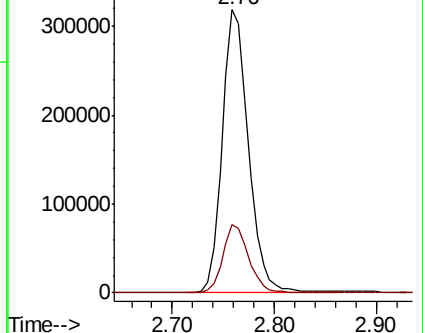
43 100

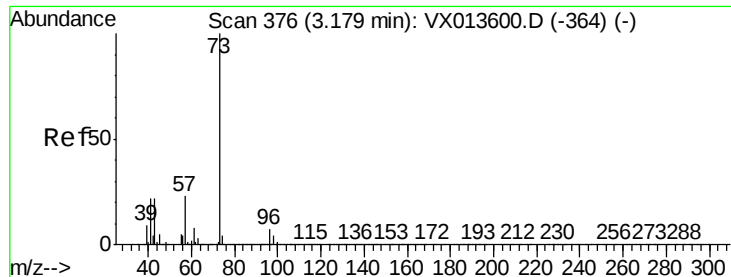
74 24.1 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



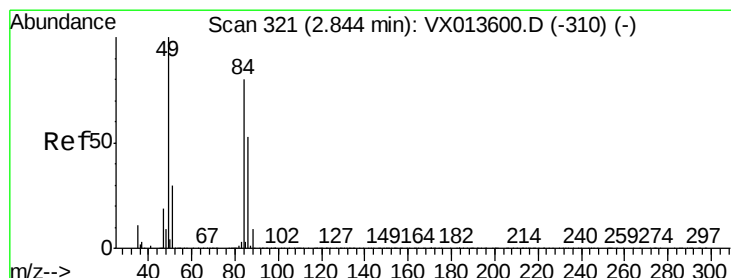
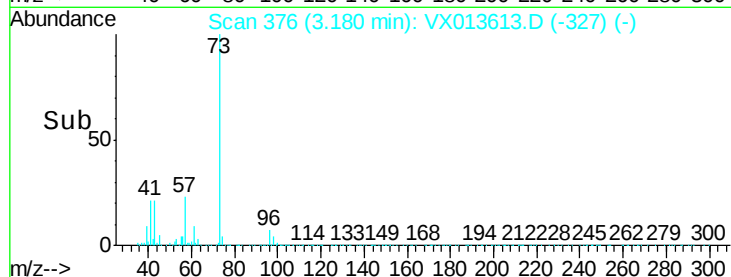
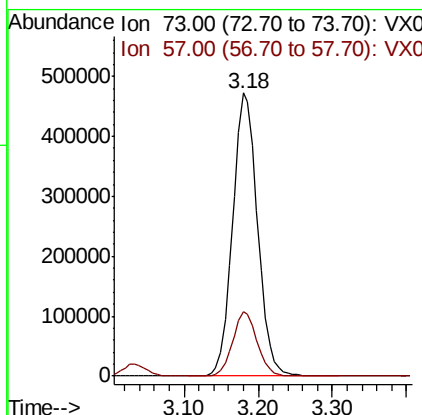
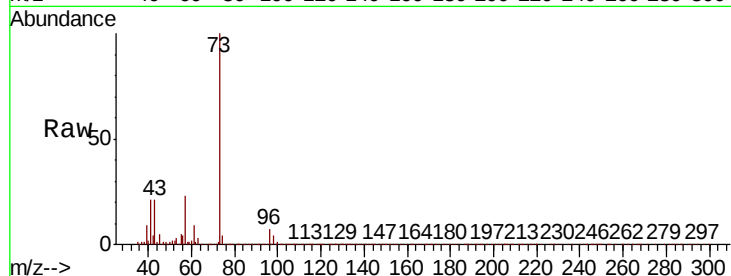


#19

Methyl tert-butyl Ether
 Concen: 50.286 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

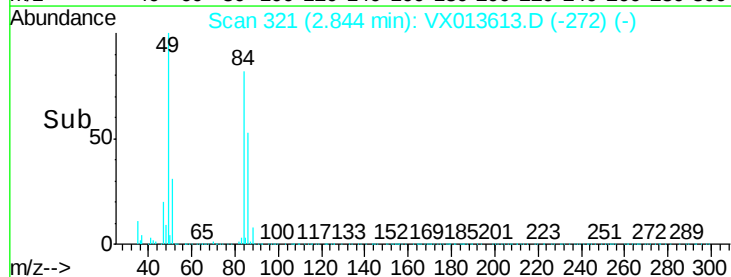
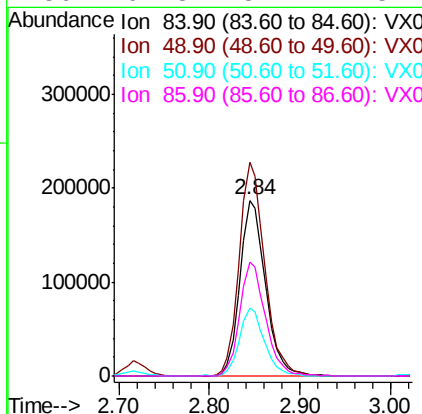
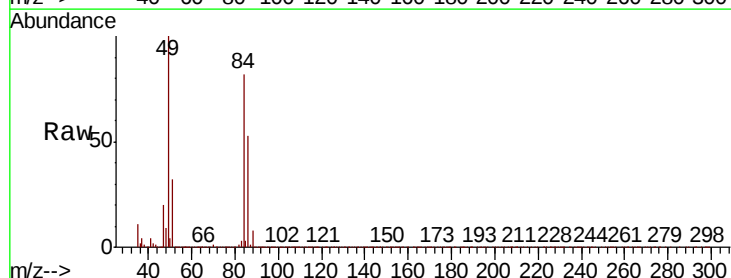
Tot Ion: 73 Resp: 1102831
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.3 27.5

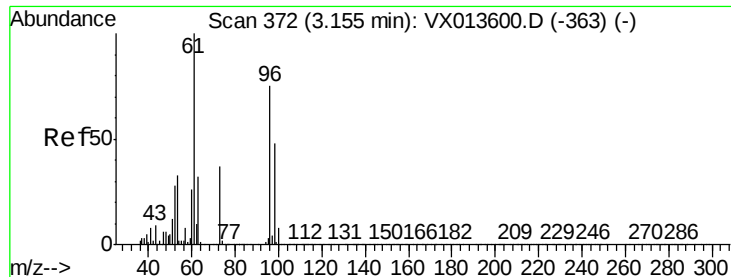


#20

Methylene Chloride
 Concen: 47.689 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion: 84 Resp: 365248
 Ion Ratio Lower Upper
 84 100
 49 121.2 99.7 149.5
 51 38.2 29.9 44.9
 86 64.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.941 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

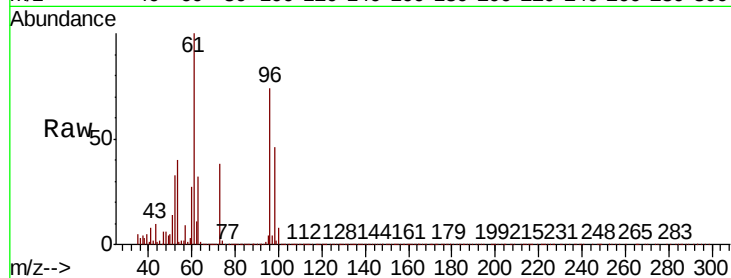
Tot Ion: 96 Resp: 352962

Ion Ratio Lower Upper

96 100

61 134.8 107.2 160.8

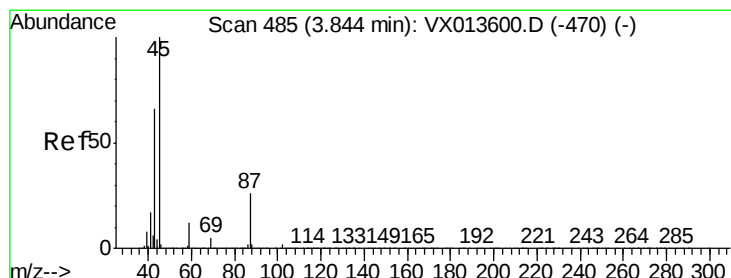
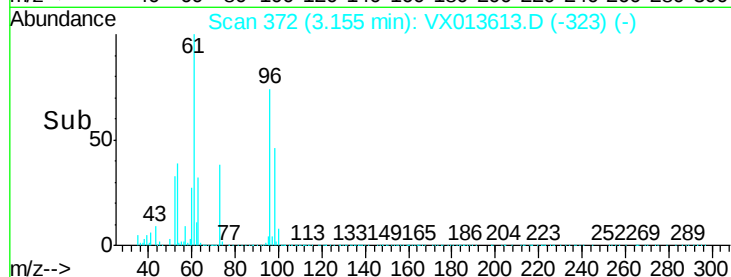
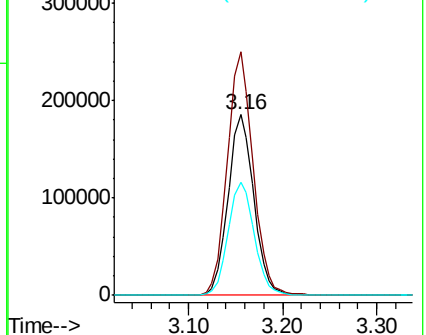
98 62.5 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.806 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion: 45 Resp: 1152173

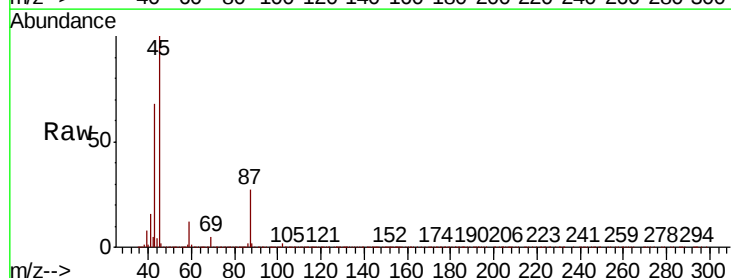
Ion Ratio Lower Upper

45 100

43 68.1 52.6 79.0

87 27.2 21.1 31.7

59 11.6 9.2 13.8

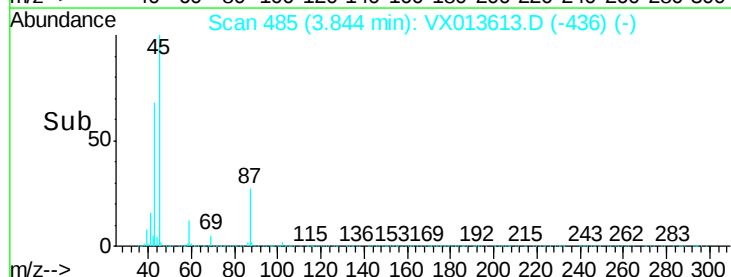
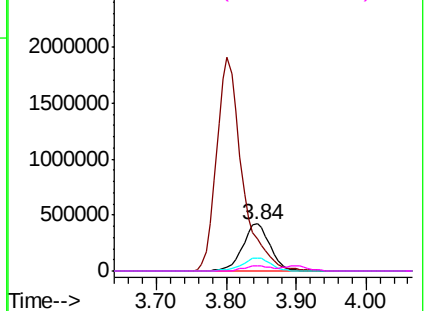


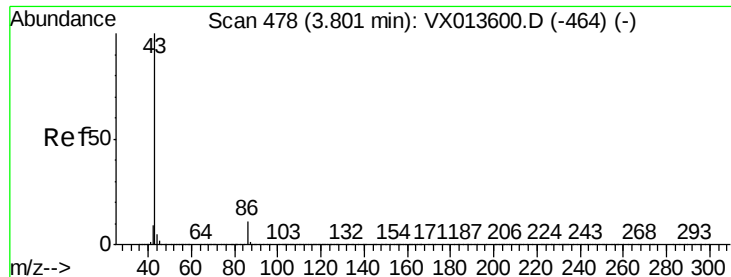
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 252.718 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

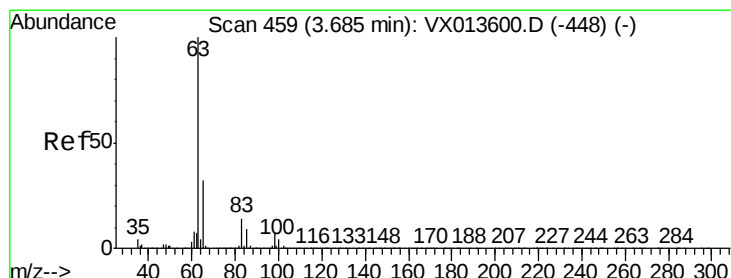
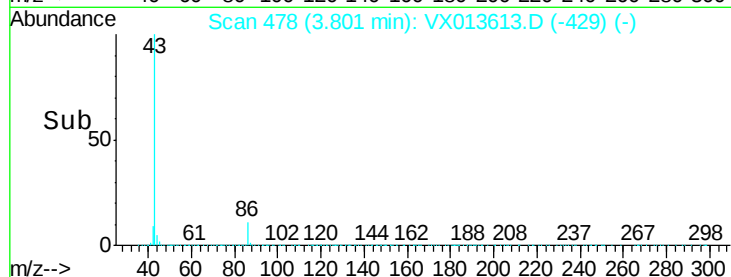
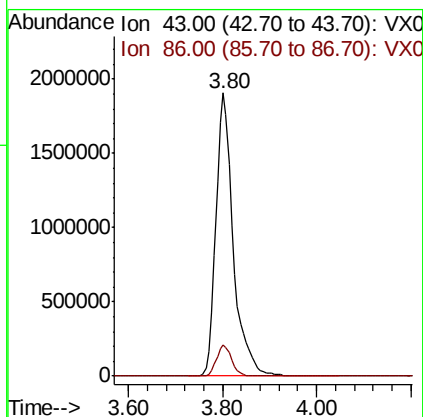
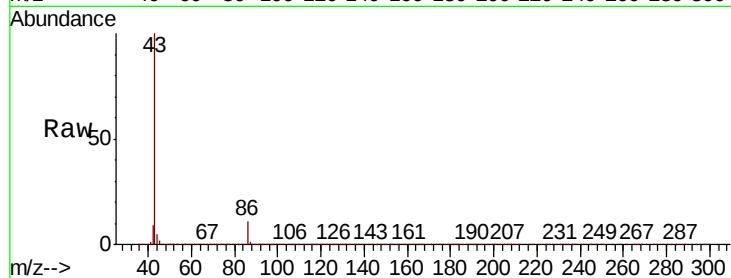
VSTDCCC050EC

Tot Ion: 43 Resp: 4863458

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.866 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

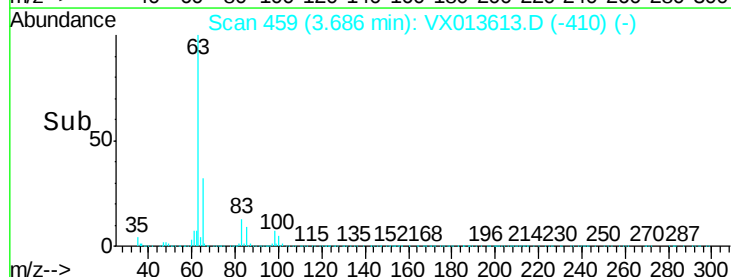
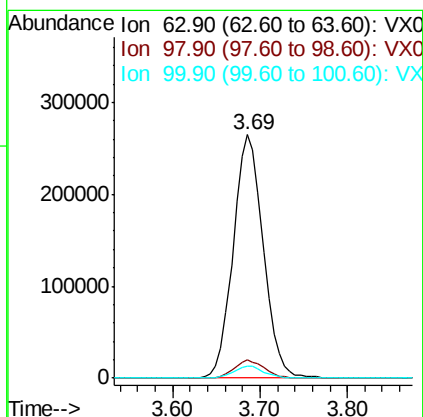
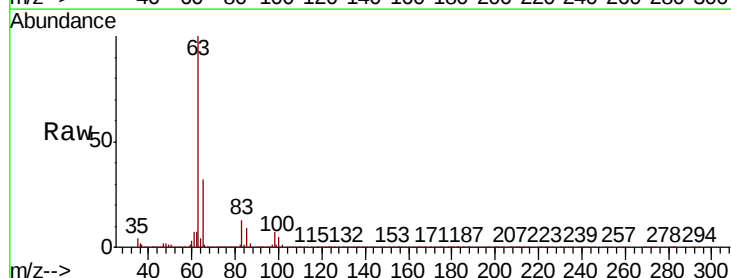
Tgt Ion: 63 Resp: 630618

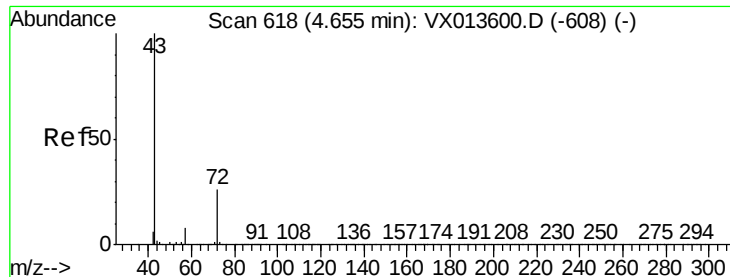
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 241.190 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

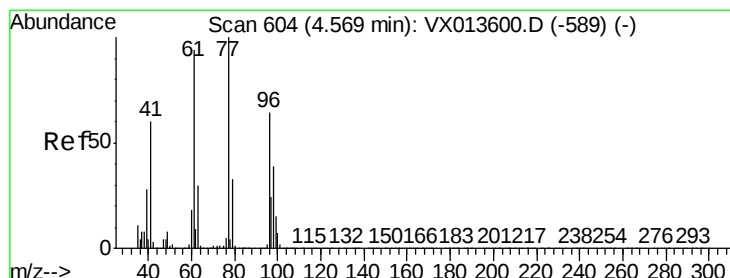
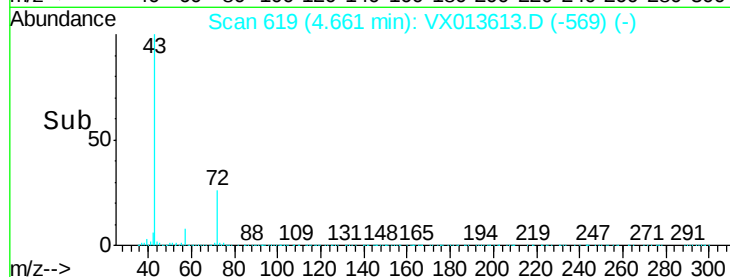
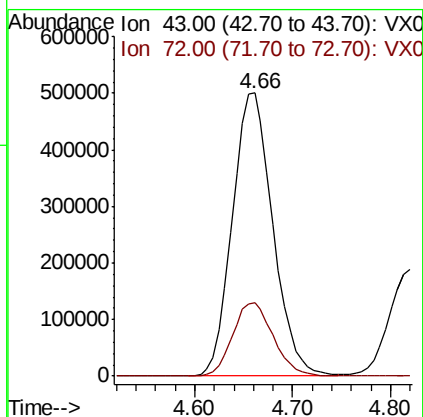
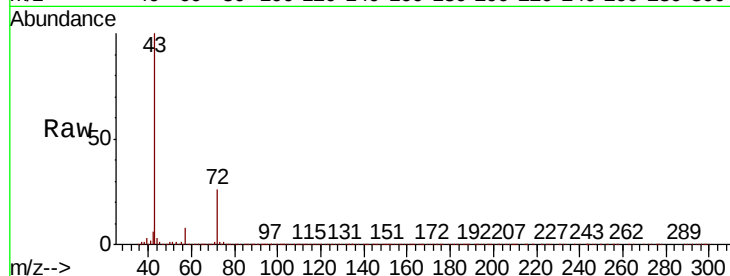
VSTDCCC050EC

Tot Ion: 43 Resp: 1429024

Ion Ratio Lower Upper

43 100

72 26.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 46.998 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013613.D

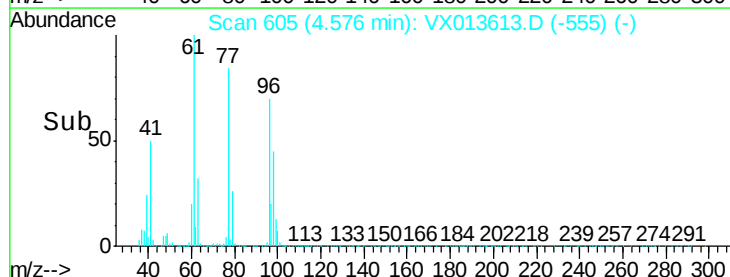
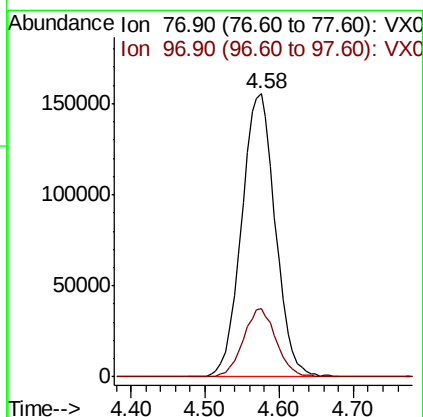
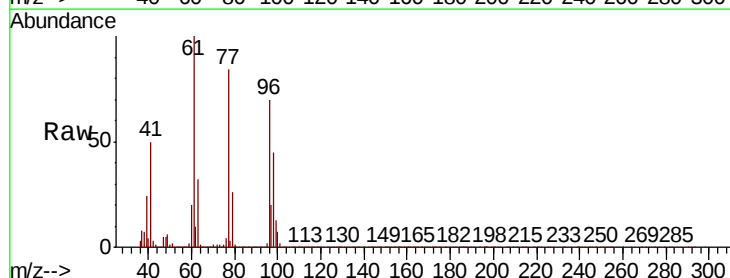
Acq: 26 Nov 2019 20:53

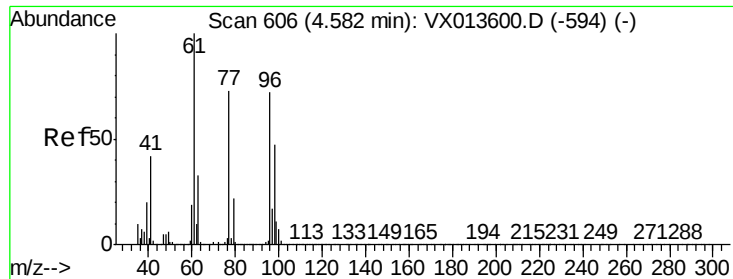
Tgt Ion: 77 Resp: 491746

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1



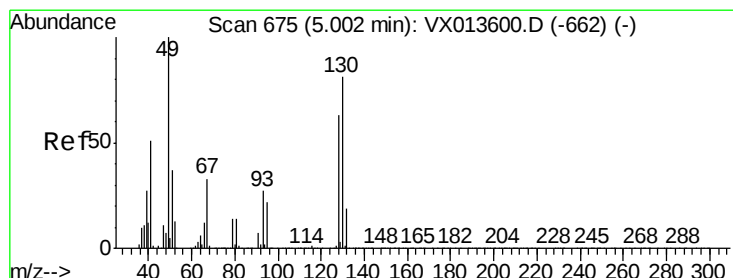
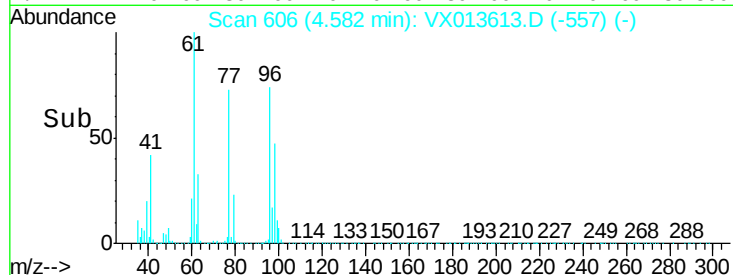
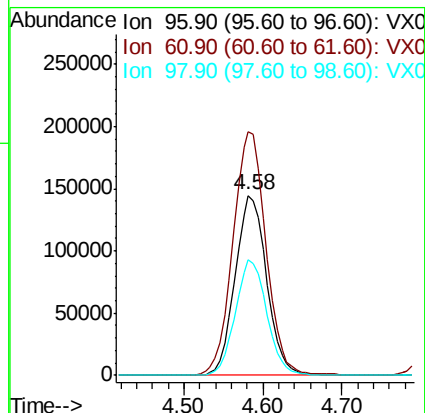
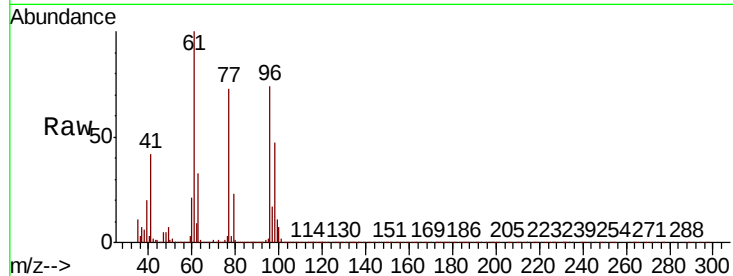


#27

cis-1,2-Dichloroethene
Concen: 48.528 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

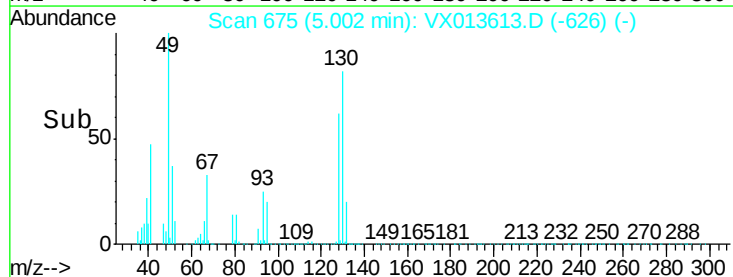
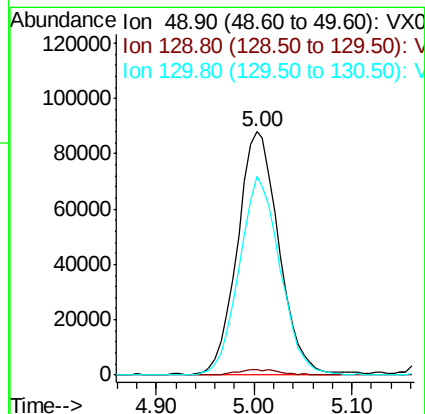
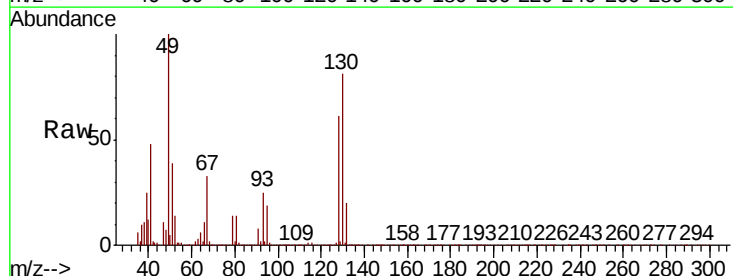
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	286.4
98	63.6	0.0	127.4

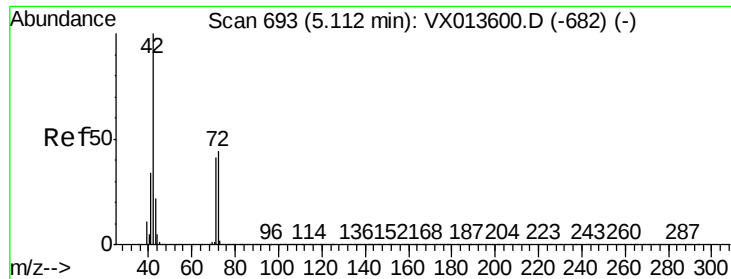


#28

Bromochloromethane
Concen: 51.304 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	81.3	65.4	98.0





#29

Tetrahydrofuran

Concen: 250.139 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

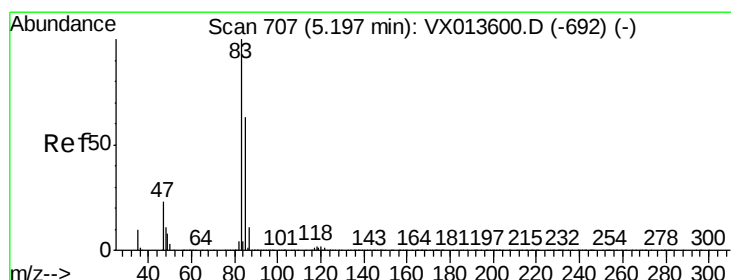
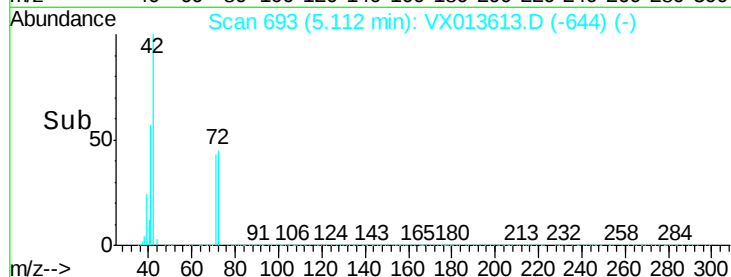
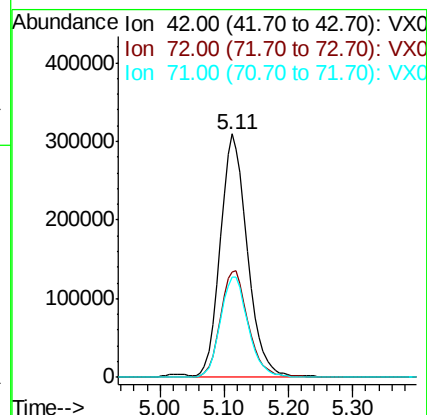
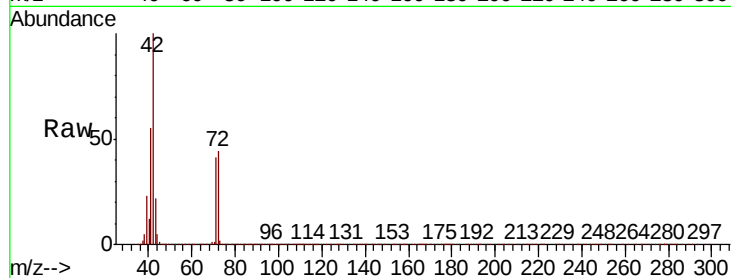
Tot Ion: 42 Resp: 913638

Ion Ratio Lower Upper

42 100

72 45.0 36.3 54.5

71 42.4 33.2 49.8



#30

Chloroform

Concen: 47.902 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013613.D

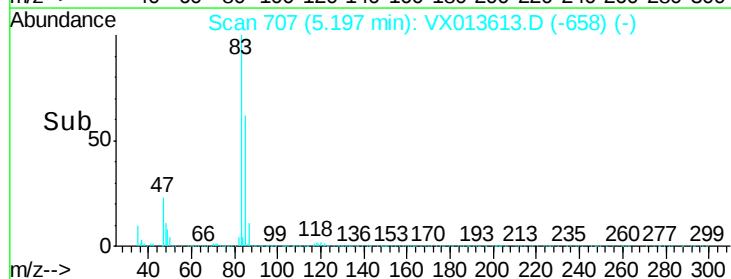
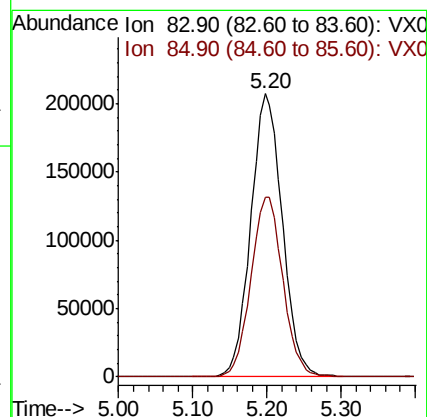
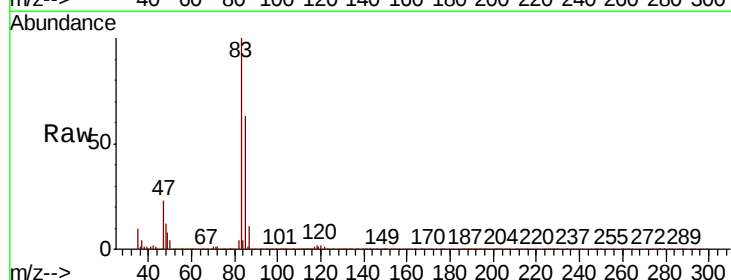
Acq: 26 Nov 2019 20:53

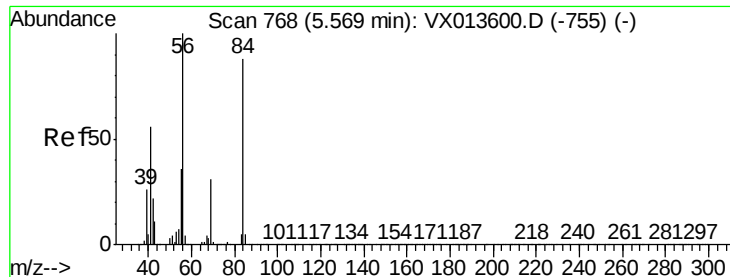
Tgt Ion: 83 Resp: 614354

Ion Ratio Lower Upper

83 100

85 63.3 50.2 75.4

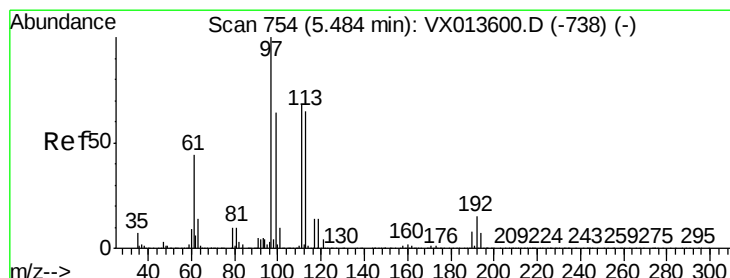
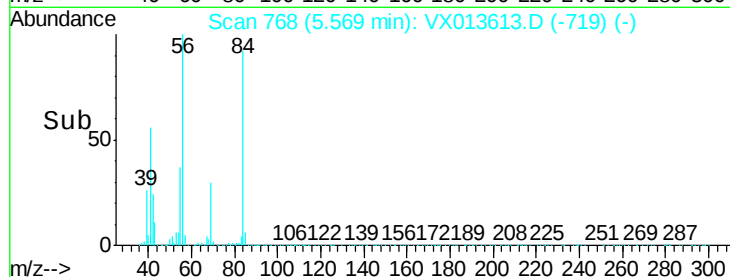
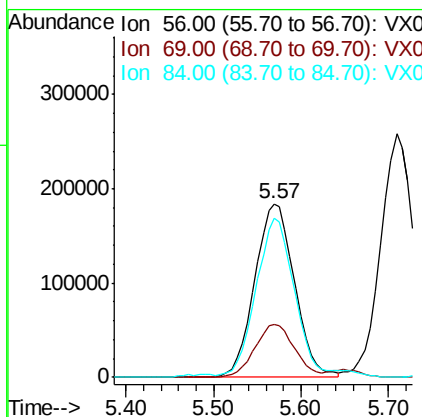
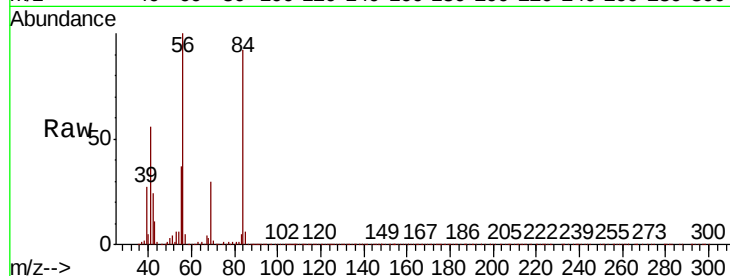




#31
Cyclohexane
Concen: 48.455 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

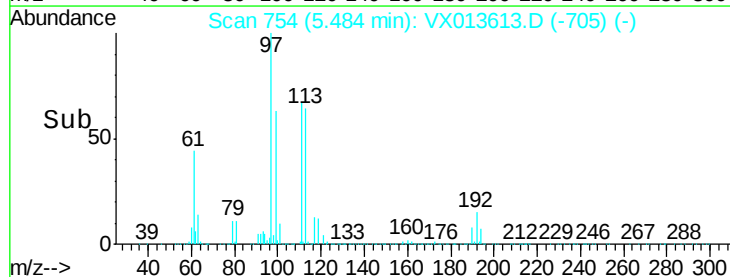
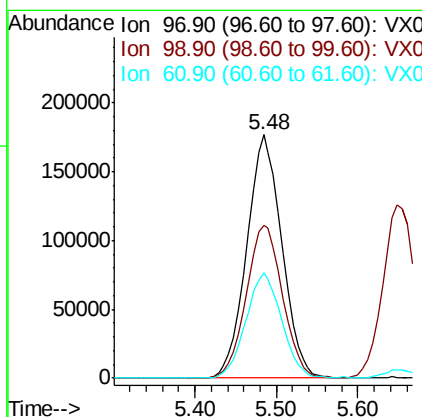
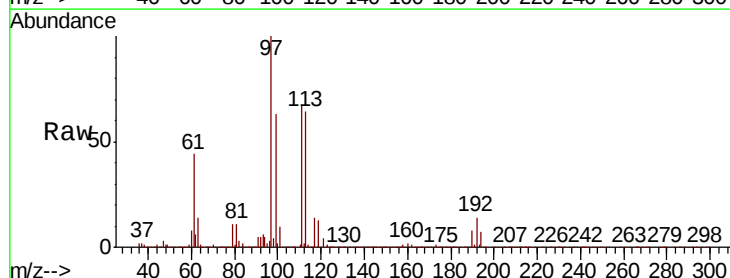
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

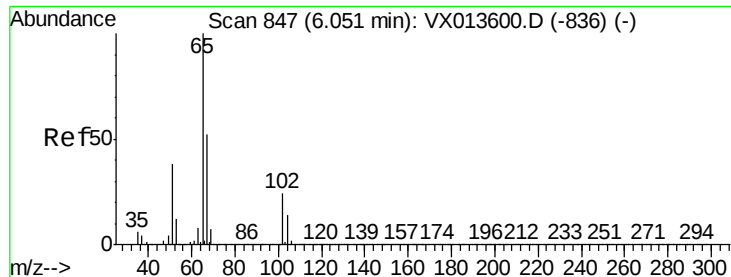
Tot Ion: 56 Resp: 577974
Ion Ratio Lower Upper
56 100
69 30.3 24.6 36.8
84 90.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.490 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 97 Resp: 530417
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 43.5 36.1 54.1

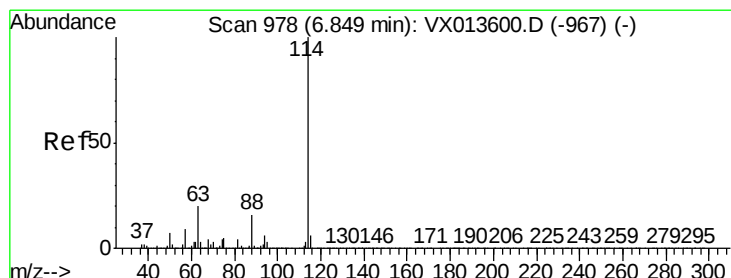
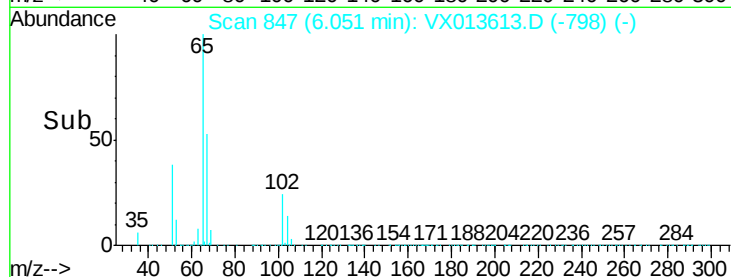
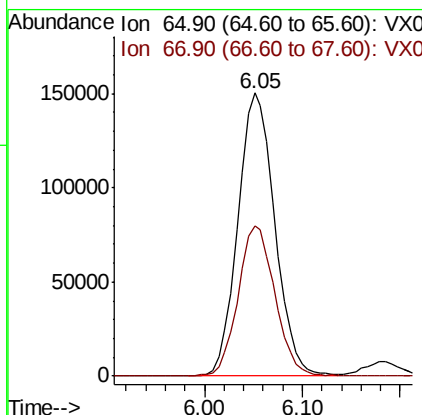
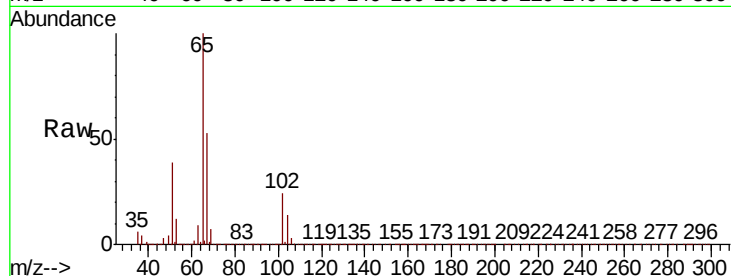




#33
 1,2-Dichloroethane-d4
 Concen: 48.543 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

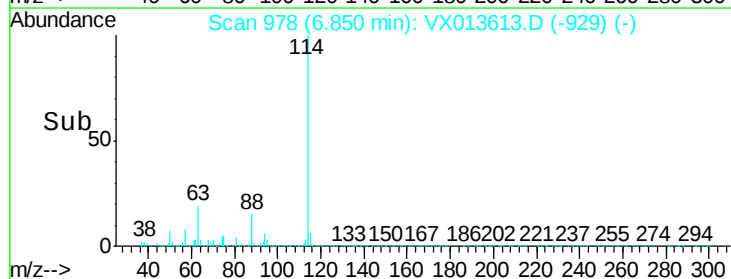
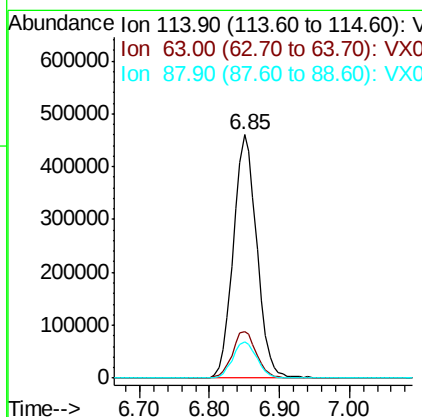
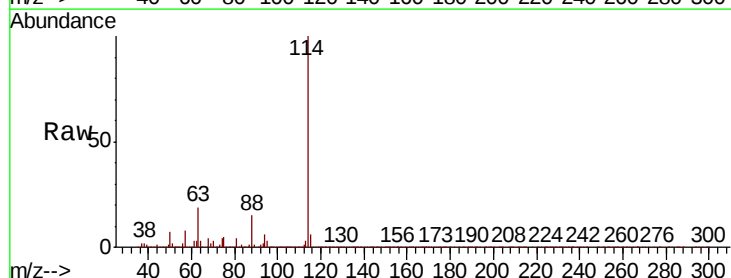
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

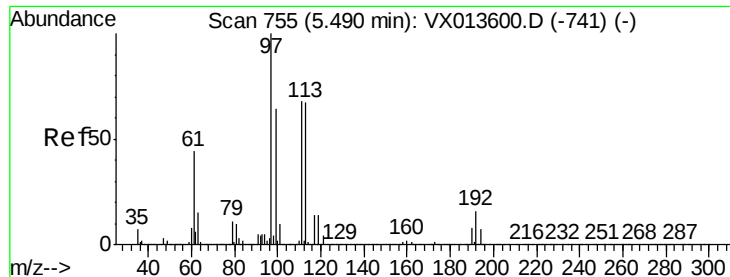
Tot Ion: 65 Resp: 391976
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion: 114 Resp: 1075476
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 15.1 0.0 31.4

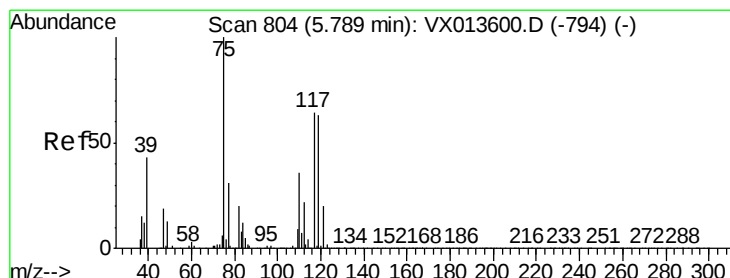
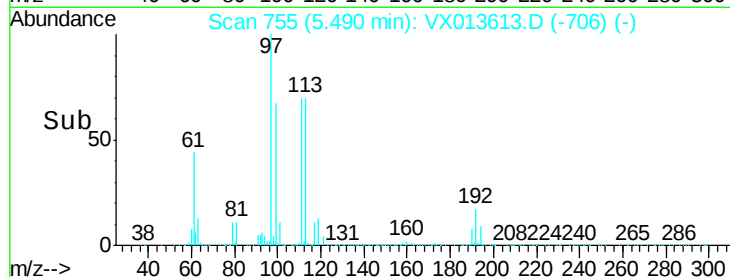
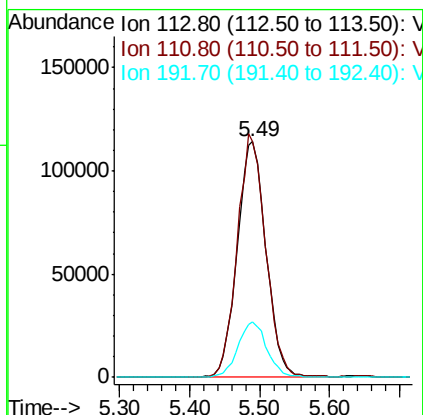
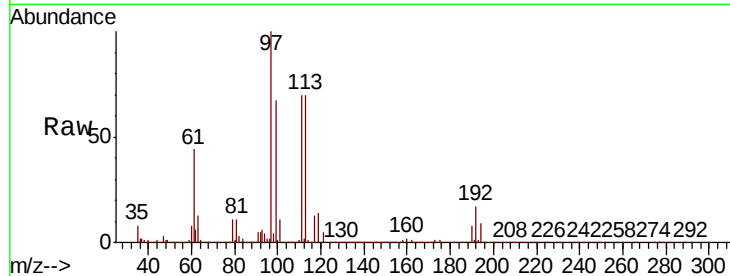




#35
Dibromofluoromethane
Concen: 49.392 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

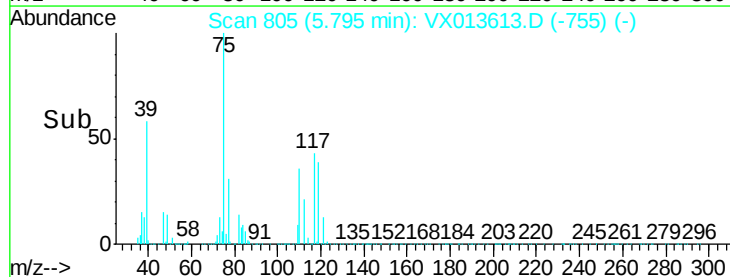
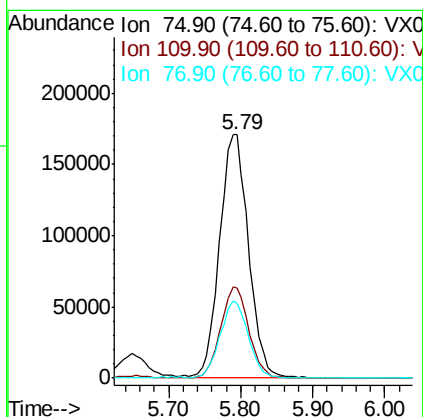
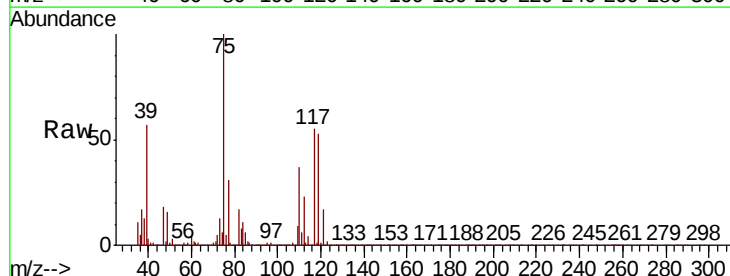
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

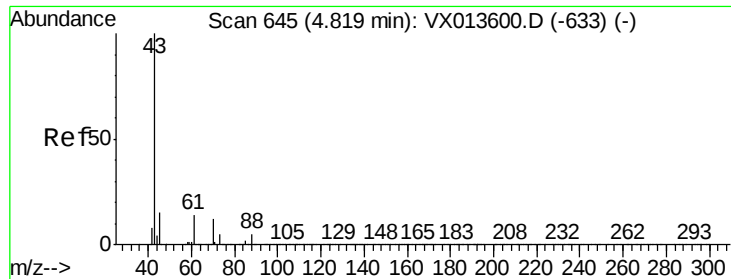
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.6	125.4
192	23.6	19.2	28.8



#36
1,1-Dichloropropene
Concen: 48.587 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	30.8	24.5	36.7

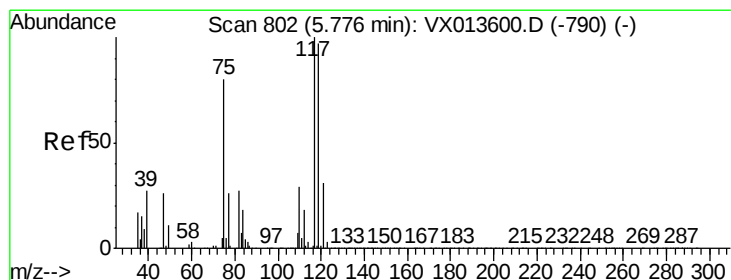
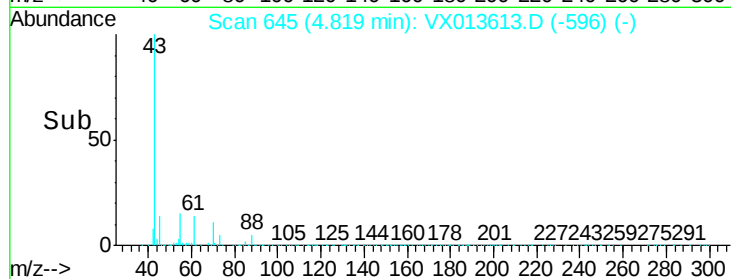
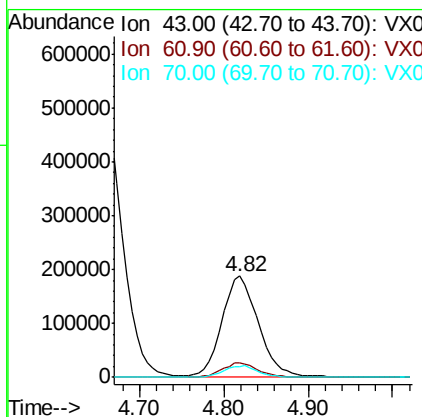
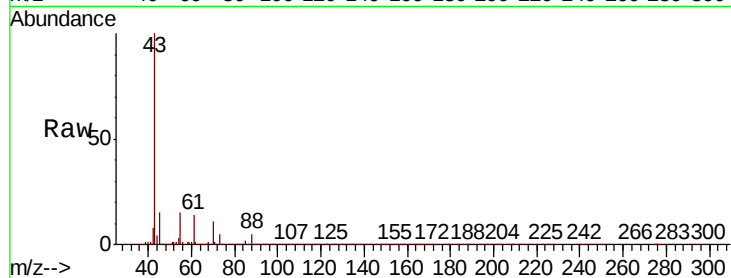




#37
Ethyl Acetate
Concen: 49.823 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

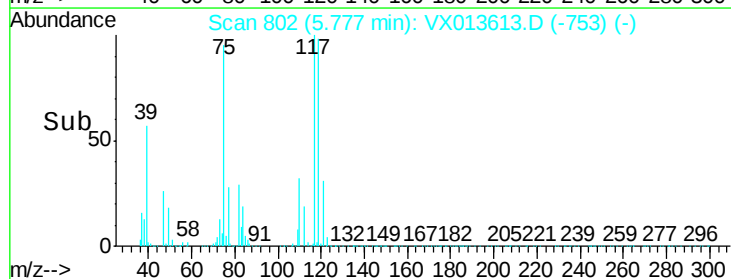
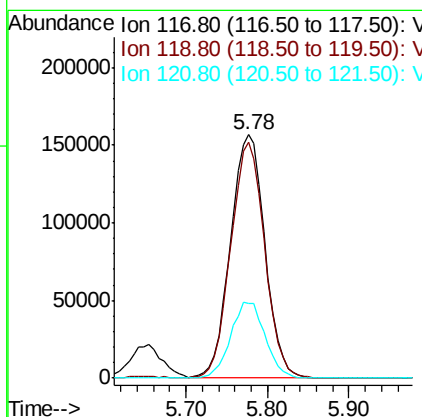
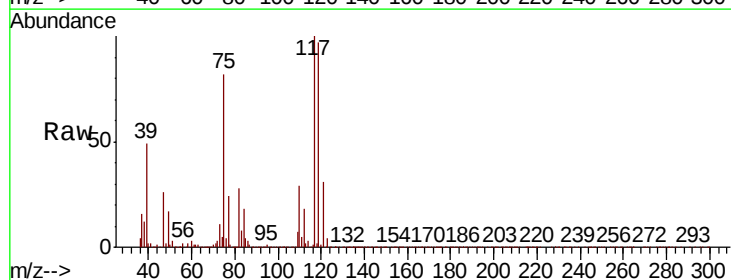
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

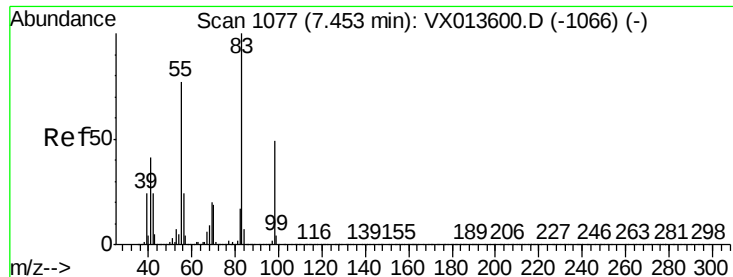
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	11.4	8.6	12.8



#38
Carbon Tetrachloride
Concen: 50.591 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.5	116.3
121	30.8	25.0	37.6

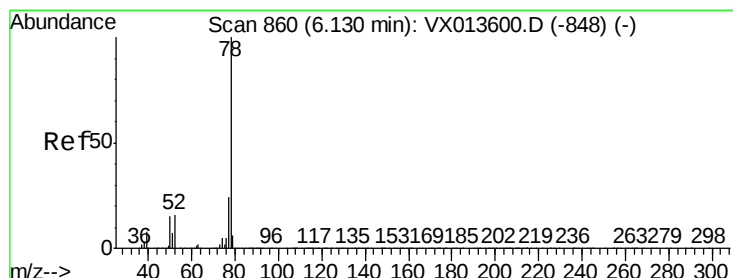
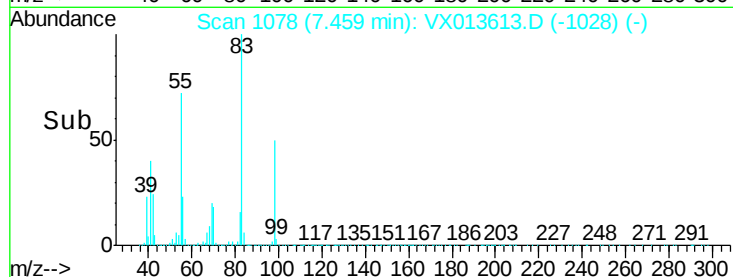
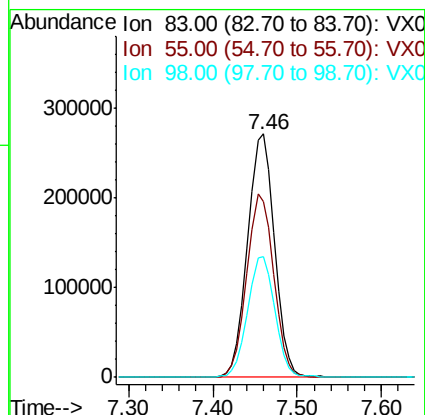
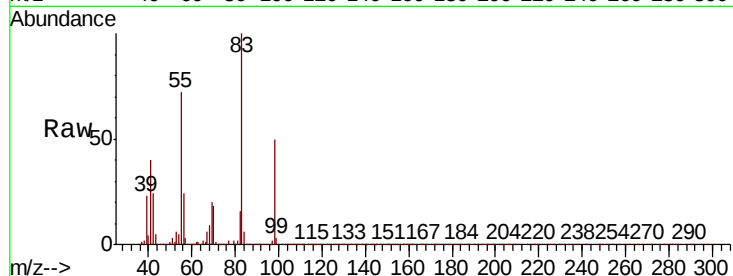




#39
Methvlcvclohexane
Concen: 48.641 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

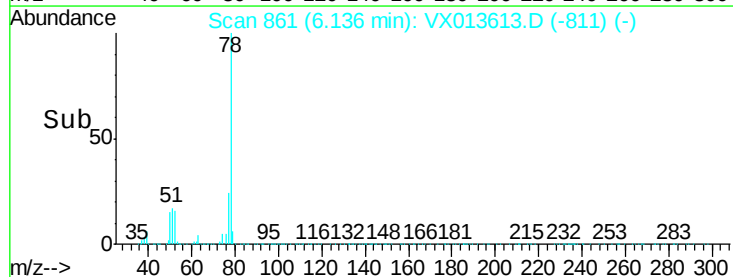
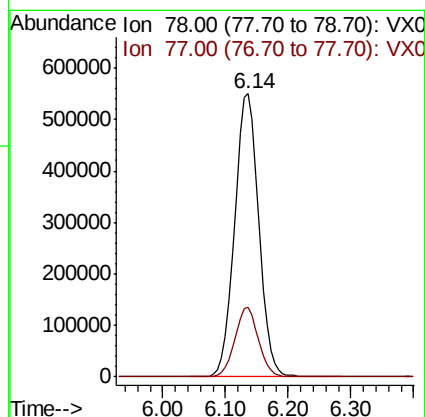
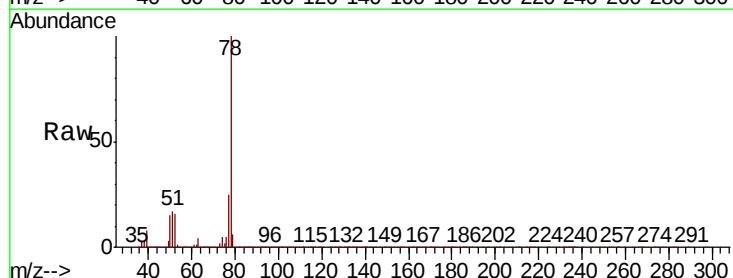
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

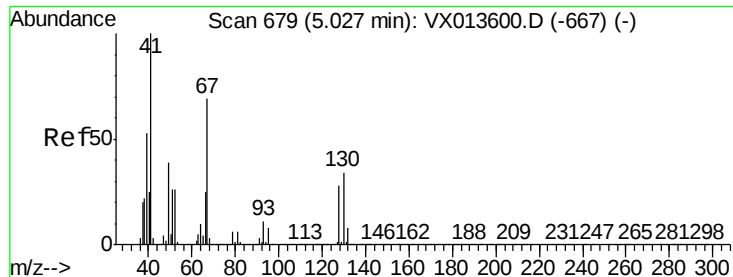
Tot Ion: 83 Resp: 586971
Ion Ratio Lower Upper
83 100
55 72.2 61.9 92.9
98 49.8 39.4 59.0



#40
Benzene
Concen: 49.210 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 78 Resp: 1463184
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4





#41

Methacrylonitrile

Concen: 50.919 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 305841

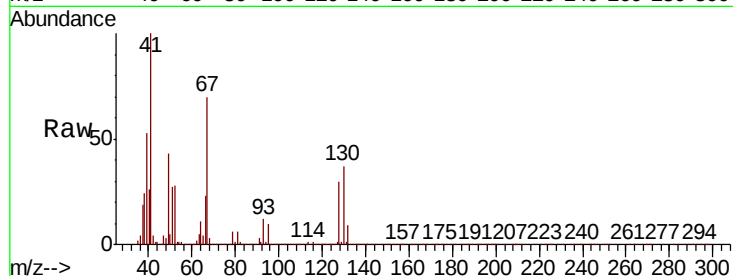
Ion Ratio Lower Upper

41 100

39 53.2 42.9 64.3

67 70.5 57.4 86.0

52 27.7 22.4 33.6

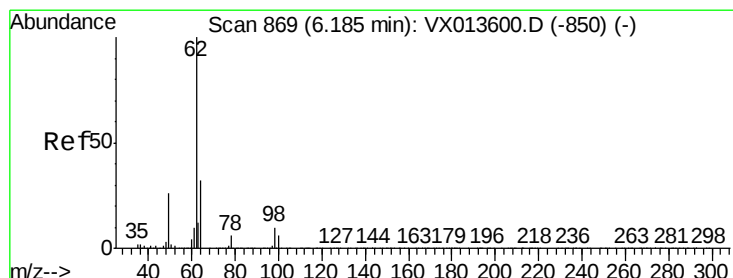
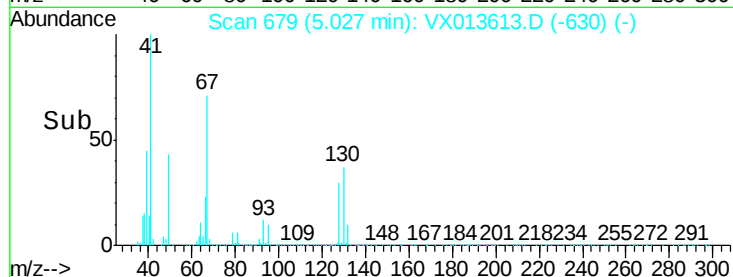
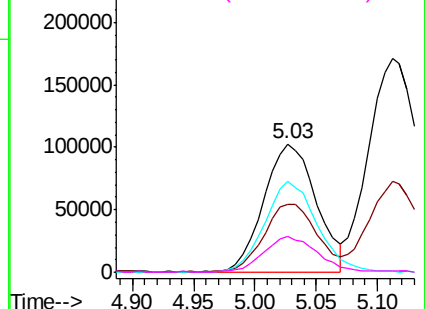


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.138 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013613.D

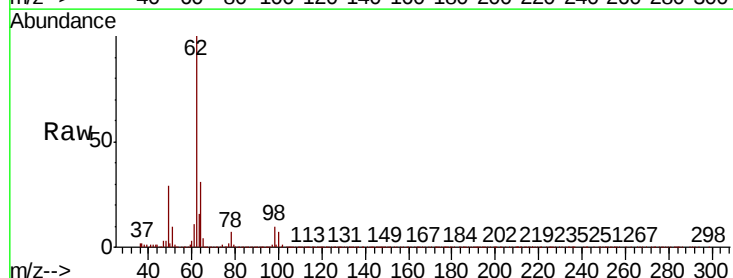
Acq: 26 Nov 2019 20:53

Tgt Ion: 62 Resp: 498277

Ion Ratio Lower Upper

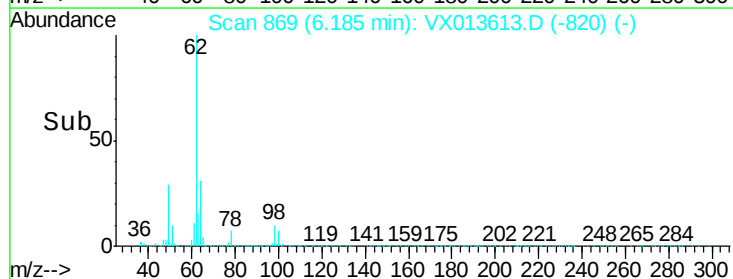
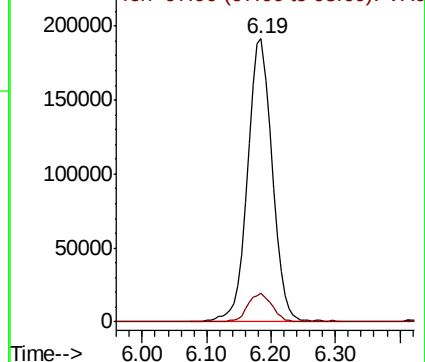
62 100

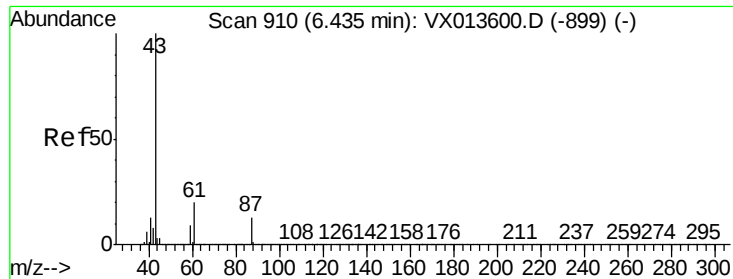
98 9.9 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.054 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

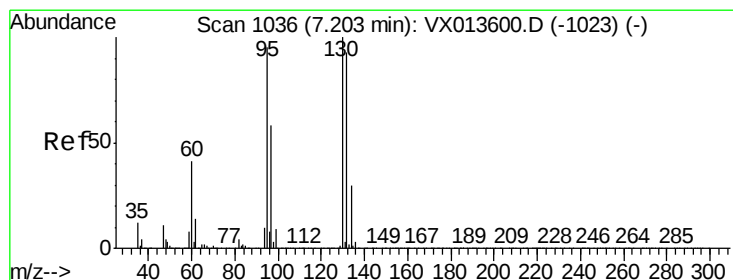
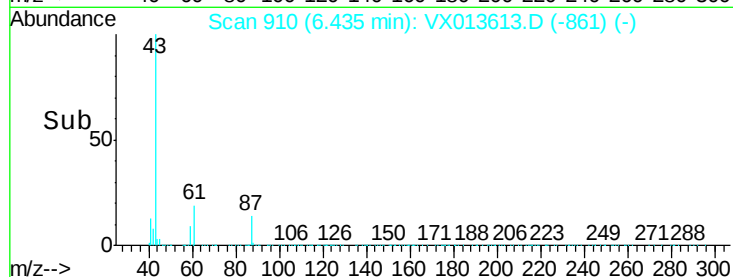
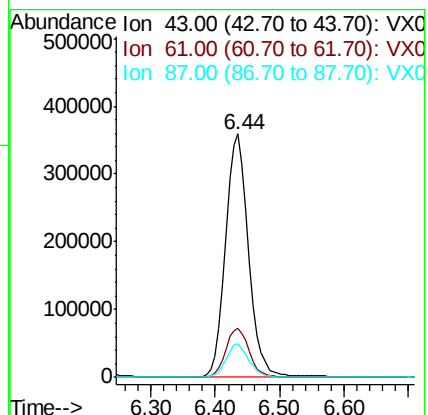
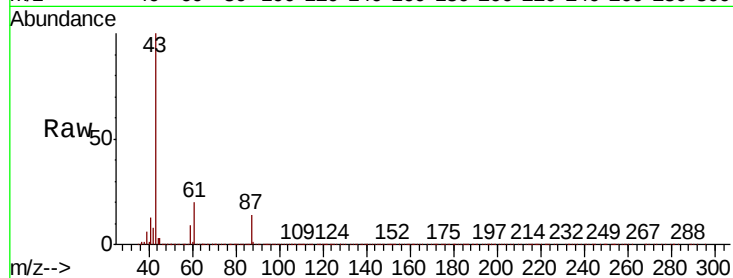
Tot Ion: 43 Resp: 902504

Ion Ratio Lower Upper

43 100

61 20.4 16.3 24.5

87 13.6 10.8 16.2



#44

Trichloroethene

Concen: 48.078 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013613.D

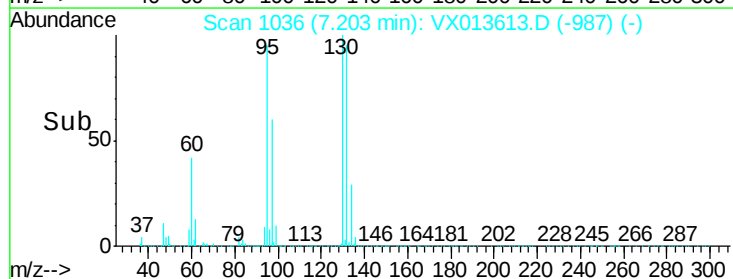
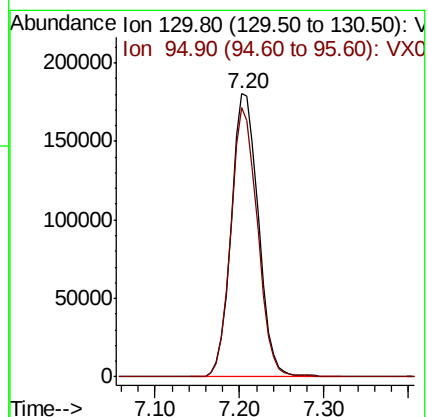
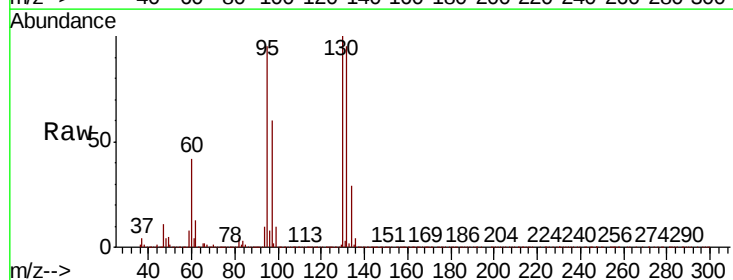
Acq: 26 Nov 2019 20:53

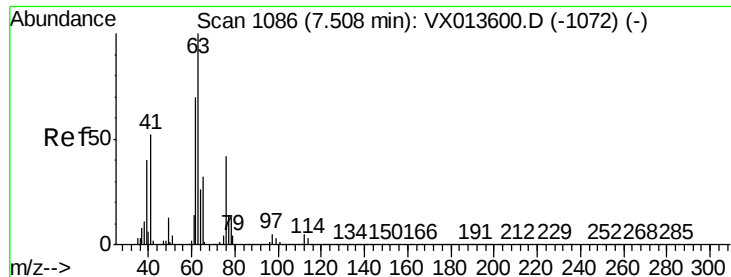
Tgt Ion: 130 Resp: 392332

Ion Ratio Lower Upper

130 100

95 95.0 0.0 190.8





#45

1,2-Dichloropropane

Concen: 49.856 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

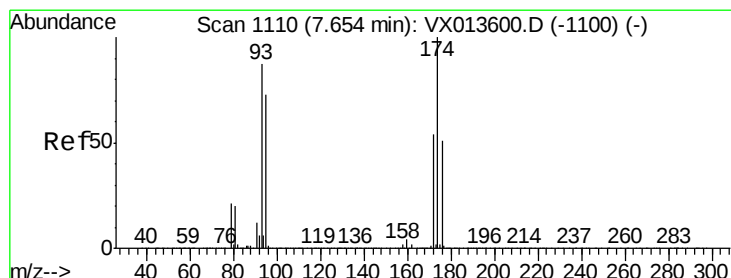
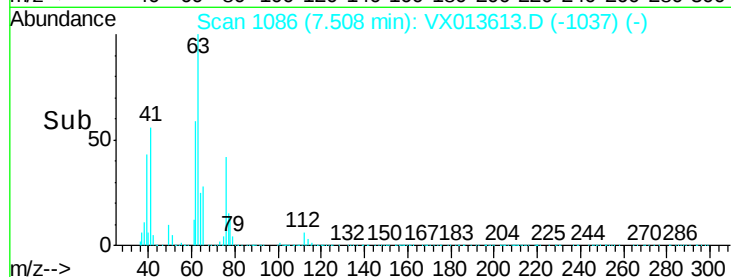
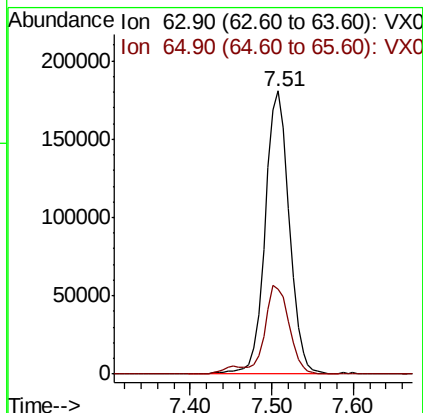
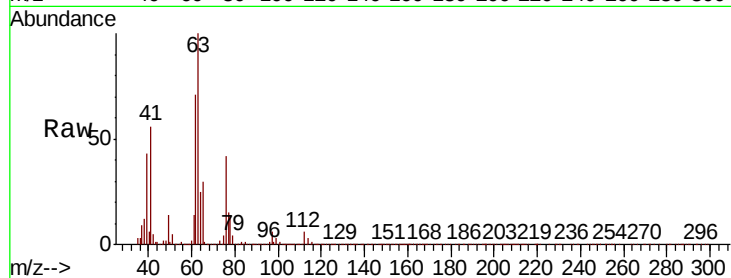
VSTDCCC050EC

Tot Ion: 63 Resp: 370894

Ion Ratio Lower Upper

63 100

65 29.9 25.5 38.3



#46

Dibromomethane

Concen: 48.349 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

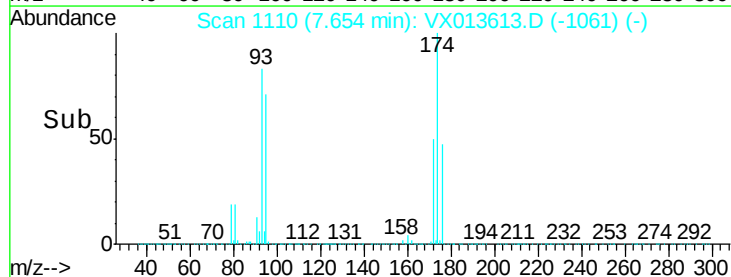
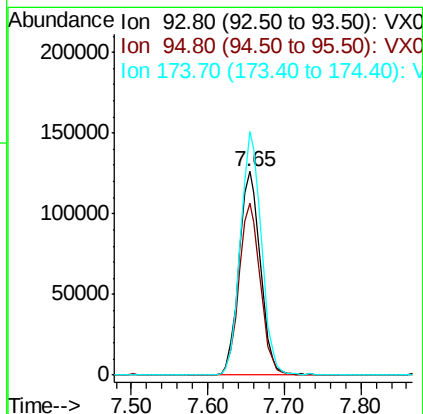
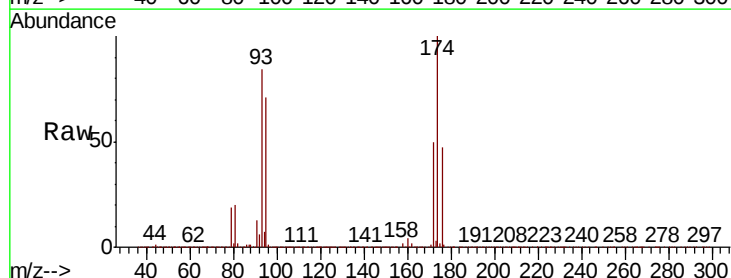
Tgt Ion: 93 Resp: 244287

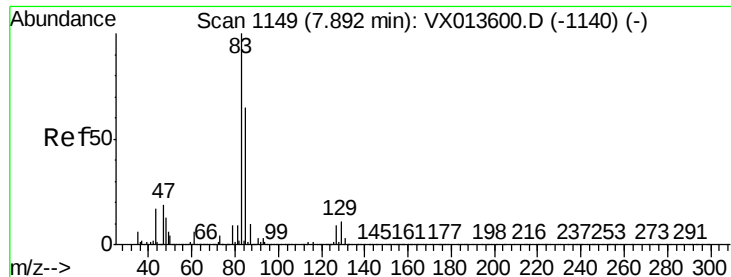
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

174 116.8 93.4 140.0





#47

Bromodichloromethane

Concen: 50.571 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

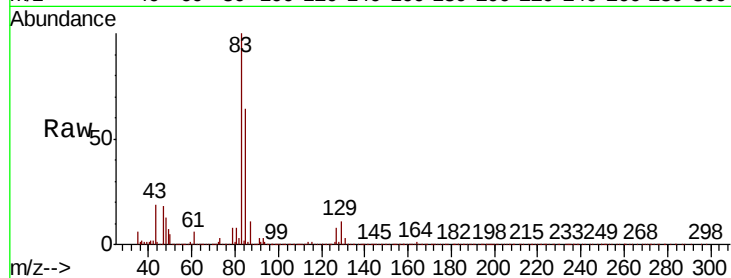
Tot Ion: 83 Resp: 483038

Ion Ratio Lower Upper

83 100

85 64.0 52.1 78.1

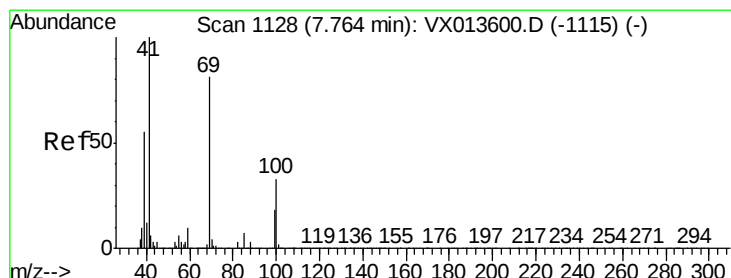
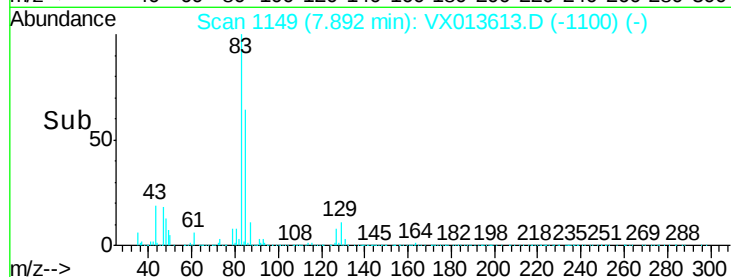
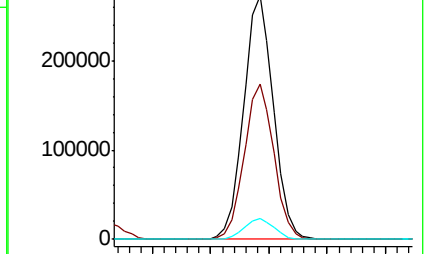
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.026 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

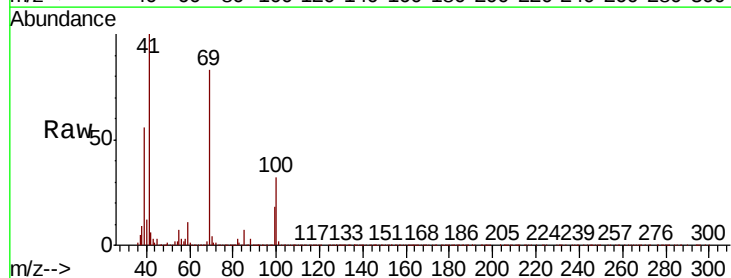
Tgt Ion: 41 Resp: 447026

Ion Ratio Lower Upper

41 100

69 82.0 64.7 97.1

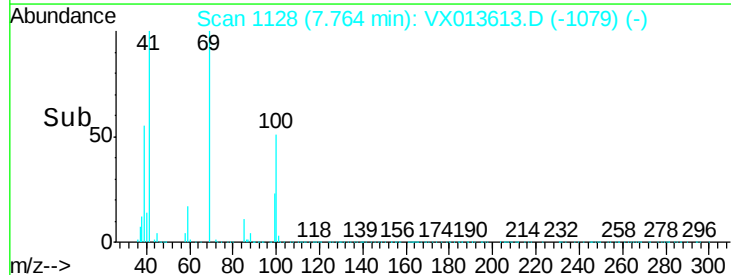
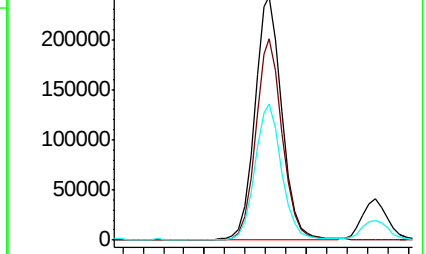
39 55.1 43.8 65.6

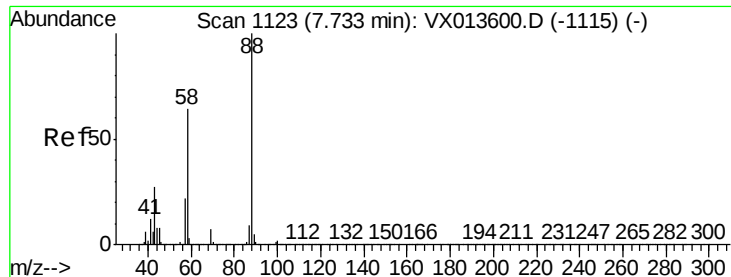


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 920.135 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

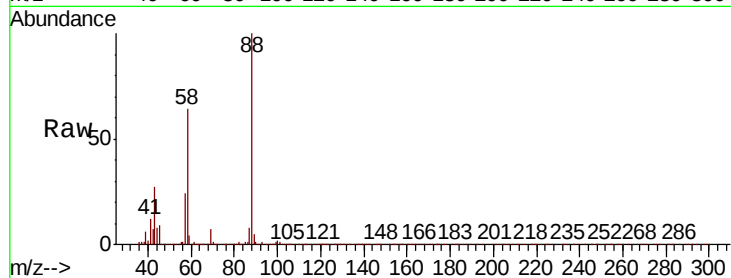
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 180437

Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.8	38.6
58	70.1	54.6	82.0

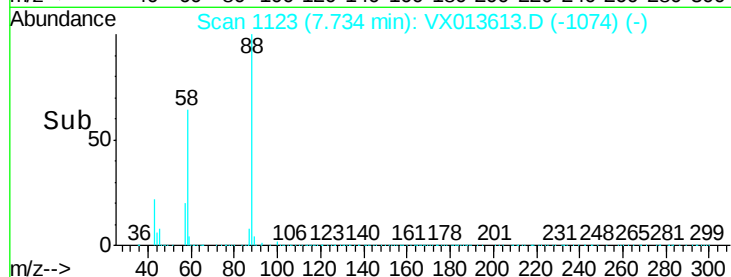


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

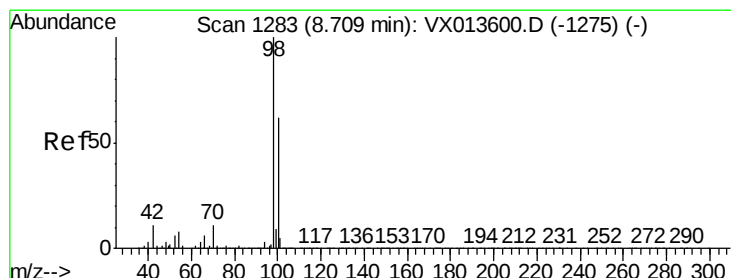
Ion 58.00 (57.70 to 58.70): VX0



Abundance

7.73

Time-->



#50

Toluene-d8

Concen: 48.249 ug/l

RT: 8.71 min Scan# 1283

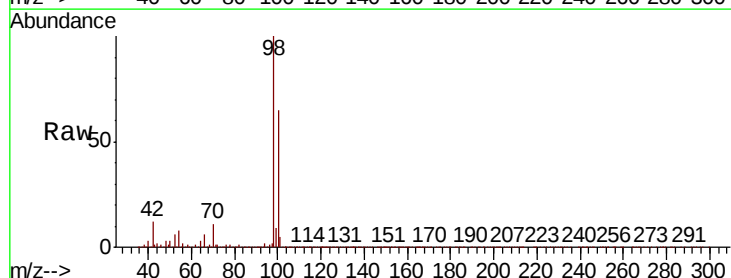
Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion: 98 Resp: 1249860

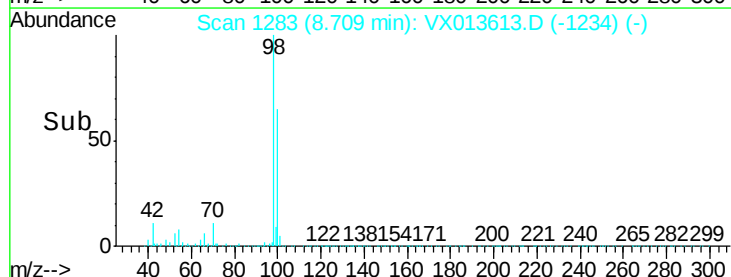
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7



Abundance

Ion 98.00 (97.70 to 98.70): VX0

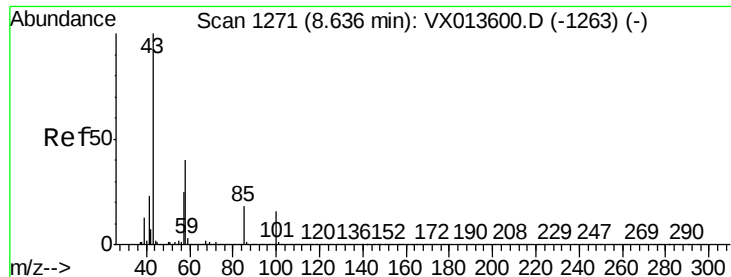
Ion 100.00 (99.70 to 100.70): VX0



Abundance

8.71

Time-->



#51

4-Methyl-2-Pentanone

Concen: 245.987 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

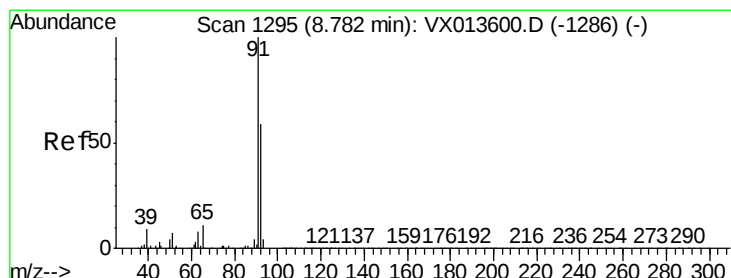
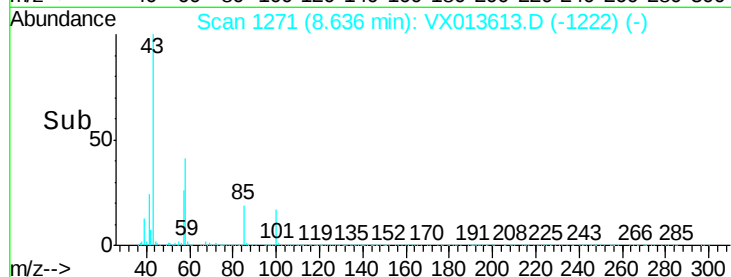
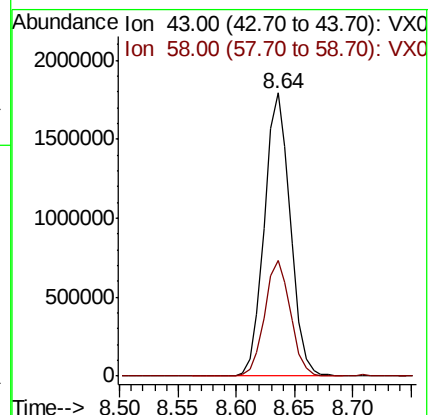
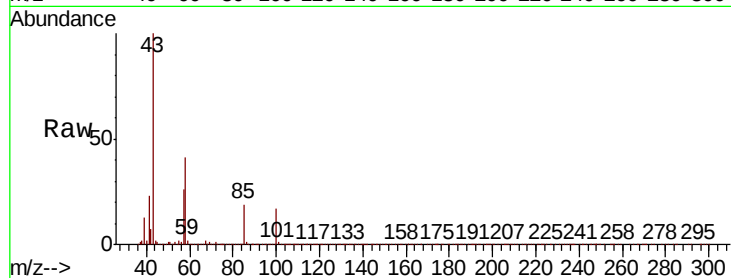
VSTDCCC050EC

Tot Ion: 43 Resp: 2789926

Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1



#52

Toluene

Concen: 49.630 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013613.D

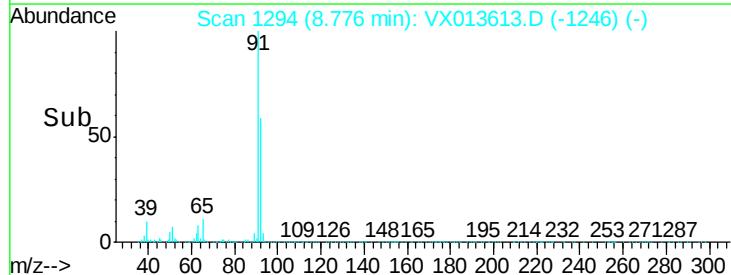
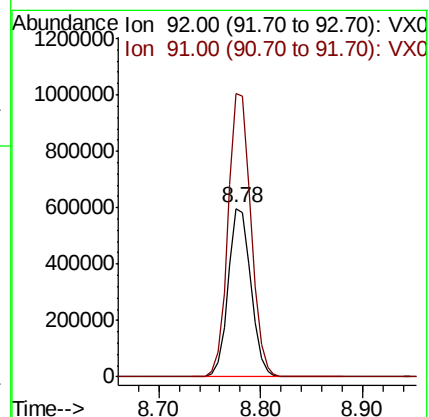
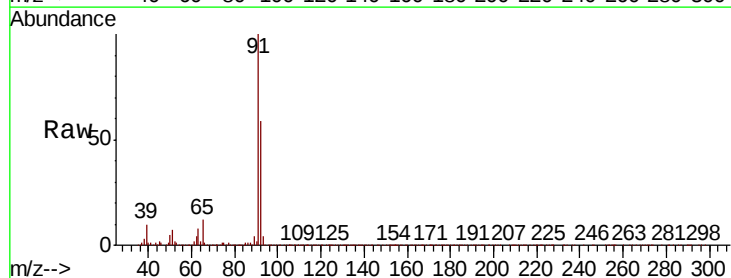
Acq: 26 Nov 2019 20:53

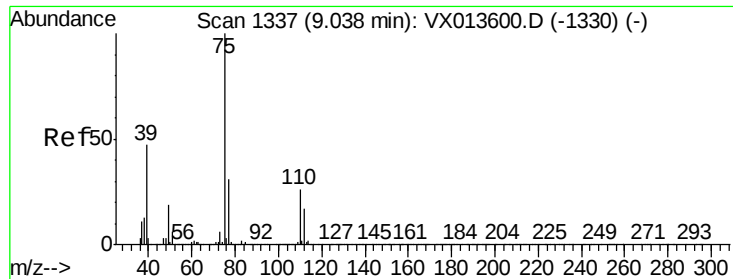
Tgt Ion: 92 Resp: 916761

Ion Ratio Lower Upper

92 100

91 169.9 136.2 204.2

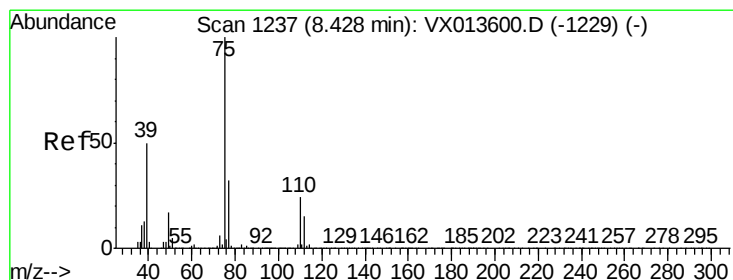
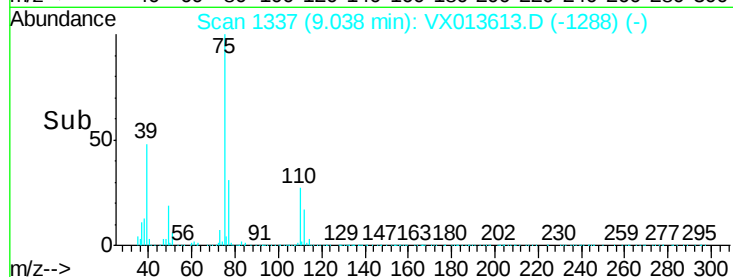
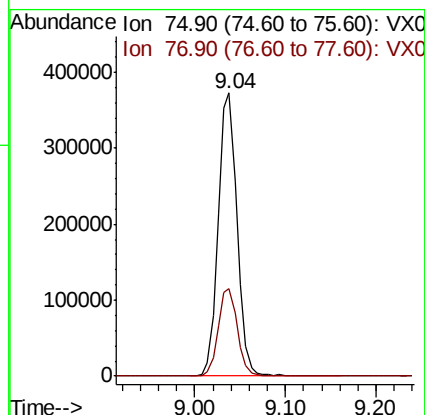
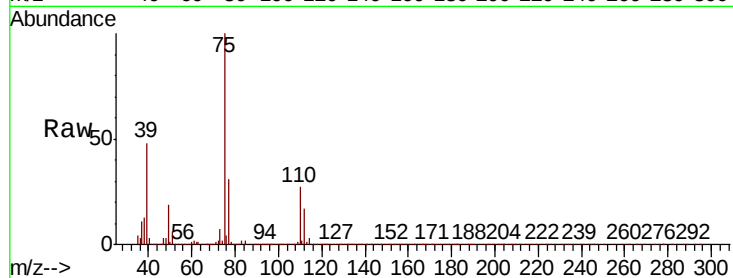




#53
t-1,3-Dichloropropene
Concen: 49.877 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

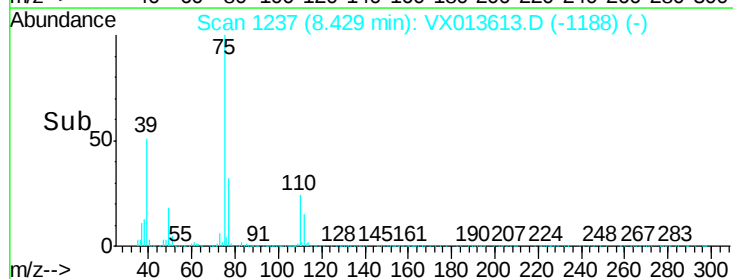
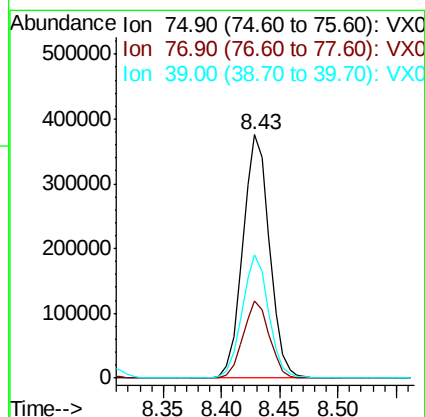
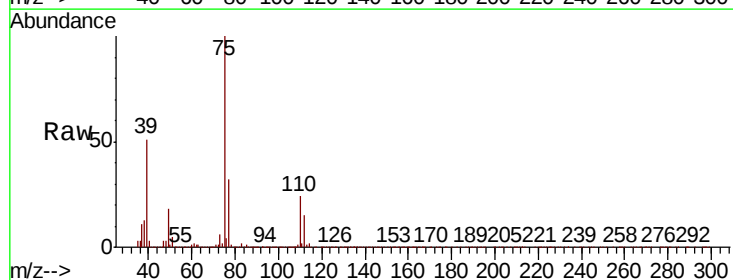
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

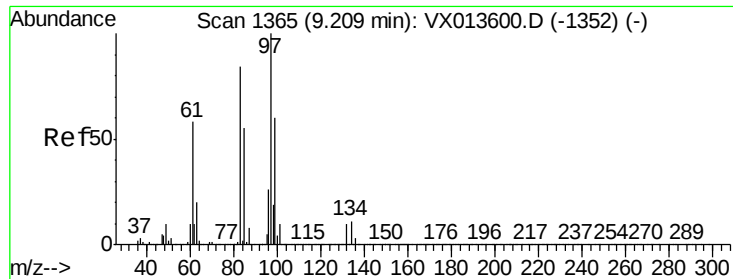
Tot Ion: 75 Resp: 542276
Ion Ratio Lower Upper
75 100
77 30.8 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 50.675 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 75 Resp: 601918
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 50.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 49.458 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 368151

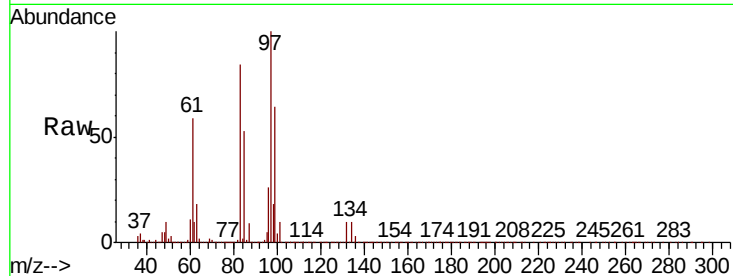
Ion Ratio Lower Upper

97 100

83 83.9 67.3 100.9

85 52.9 43.6 65.4

99 63.5 48.2 72.4



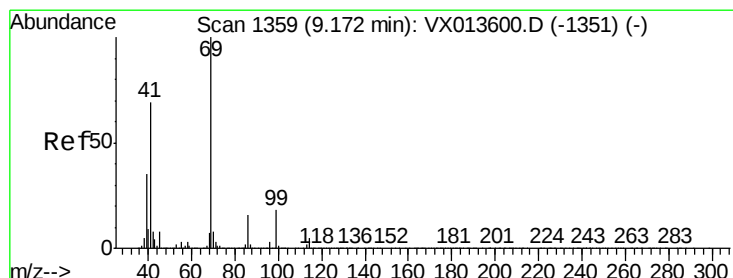
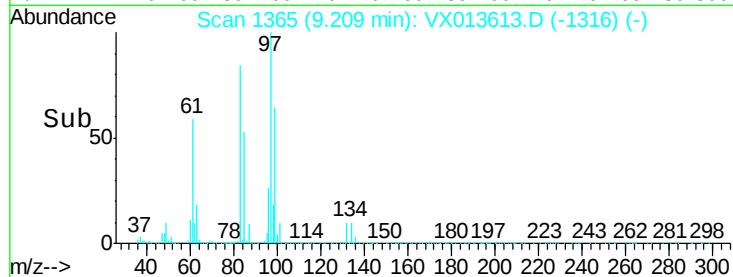
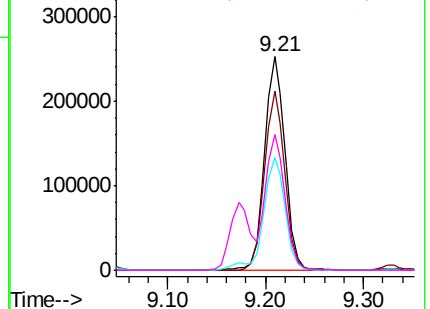
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.802 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

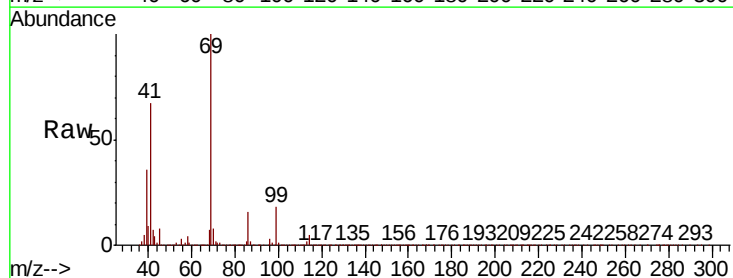
Tgt Ion: 69 Resp: 607985

Ion Ratio Lower Upper

69 100

41 68.1 55.0 82.4

39 36.2 28.7 43.1

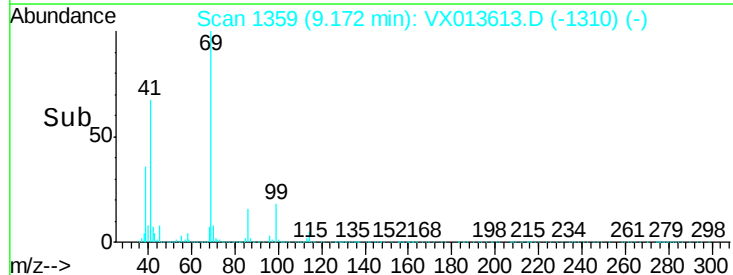
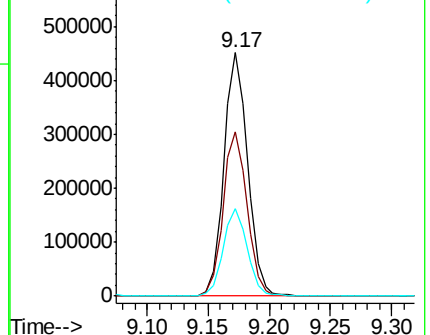


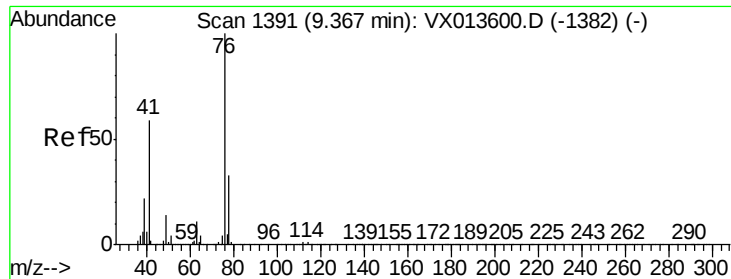
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.080 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

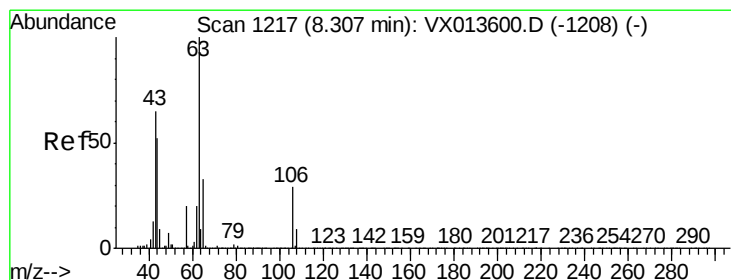
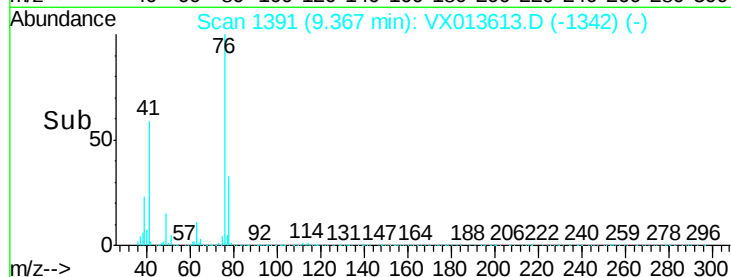
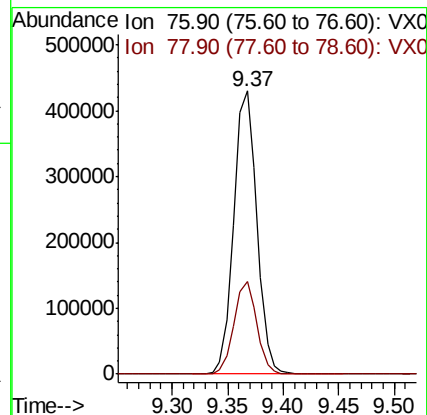
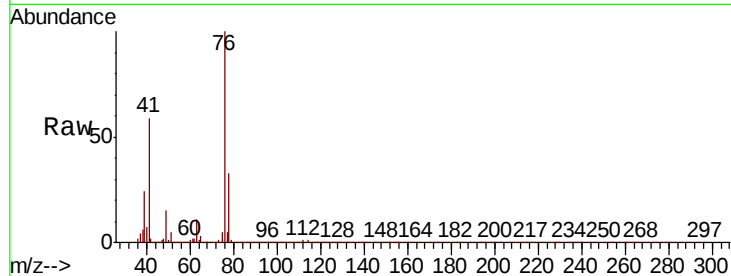
VSTDCCC050EC

Tot Ion: 76 Resp: 616896

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 245.777 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013613.D

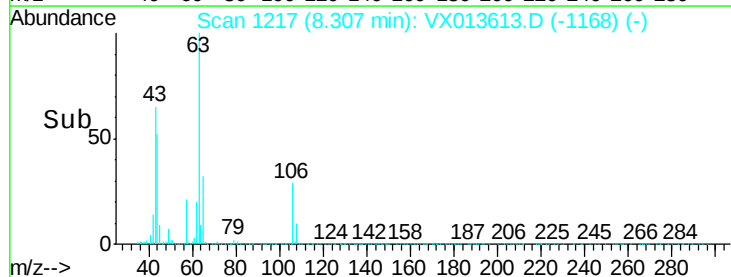
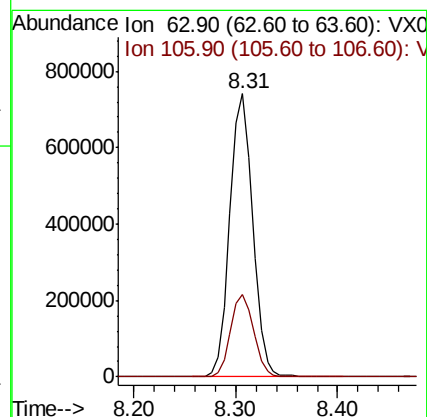
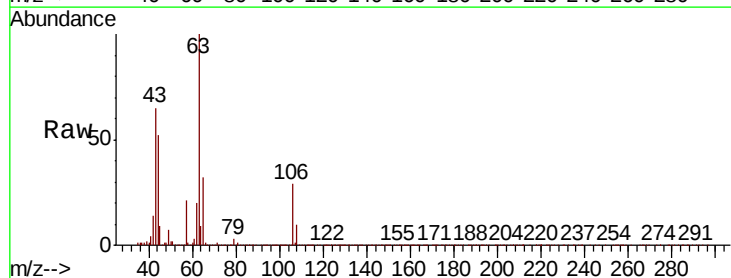
Acq: 26 Nov 2019 20:53

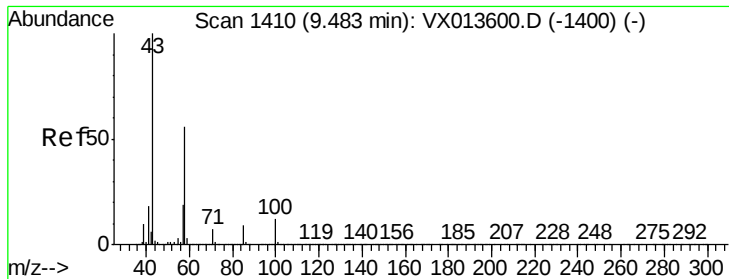
Tgt Ion: 63 Resp: 1153244

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.0

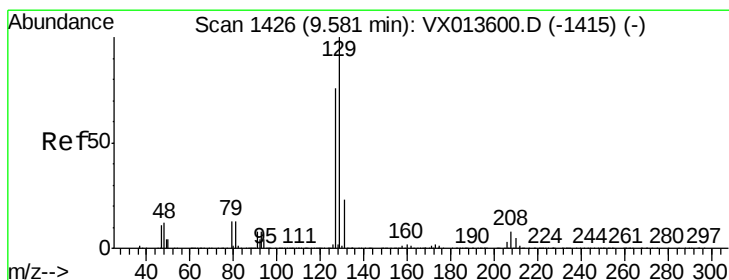
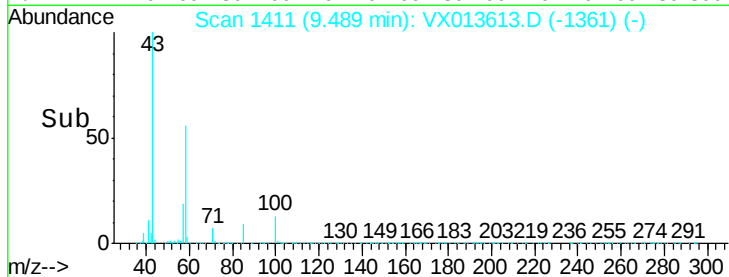
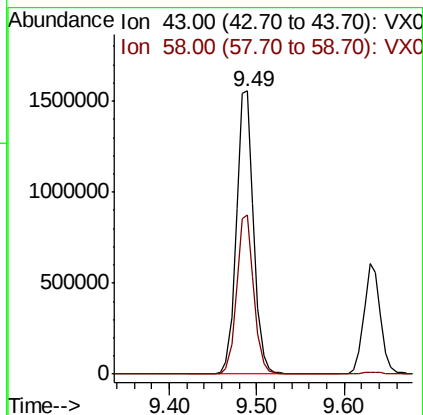
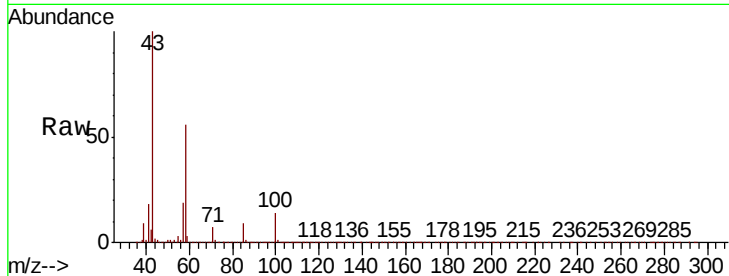




#59
2-Hexanone
Concen: 242.961 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

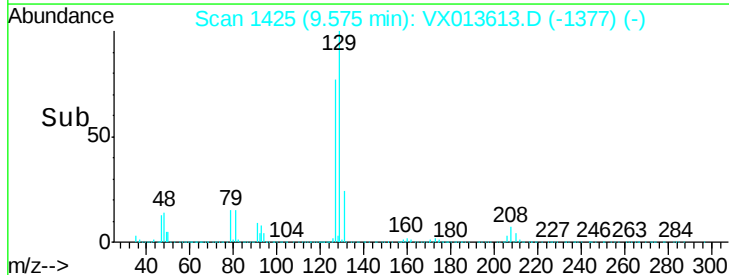
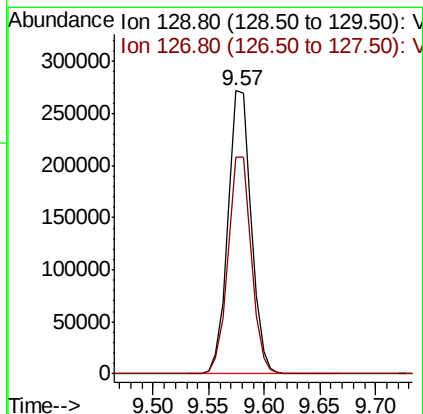
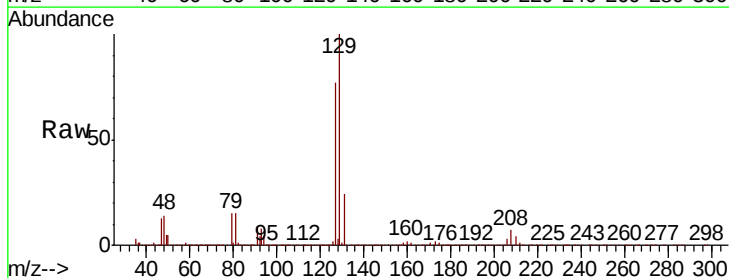
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

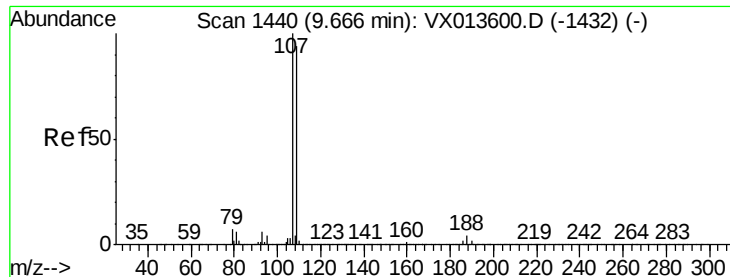
Tot Ion: 43 Resp: 2149167
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.4



#60
Dibromochloromethane
Concen: 50.914 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 129 Resp: 393319
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.200 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

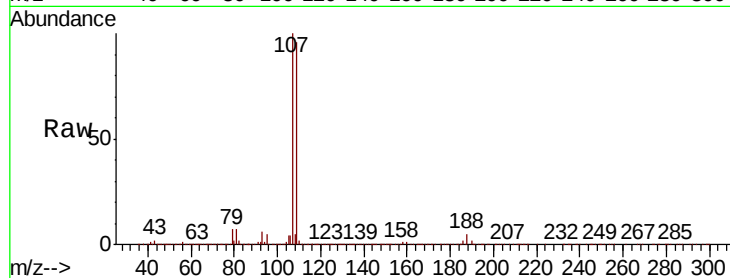
VSTDCCC050EC

Tot Ion: 107 Resp: 383205

Ion Ratio Lower Upper

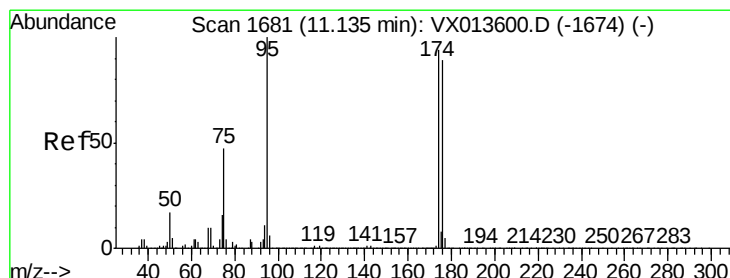
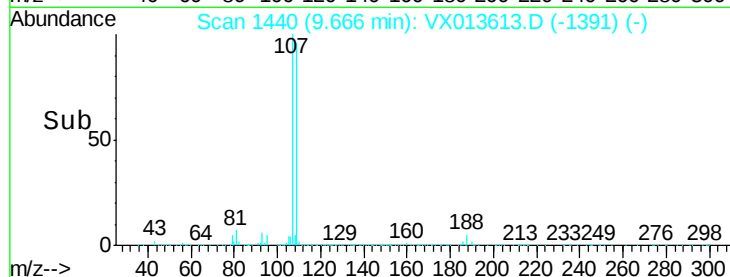
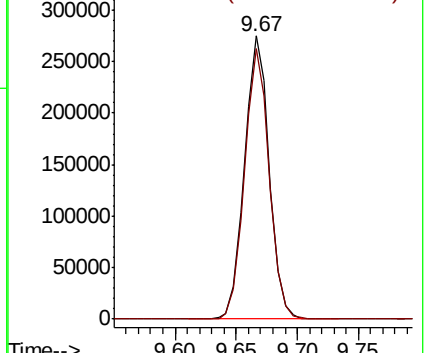
107 100

109 95.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.495 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

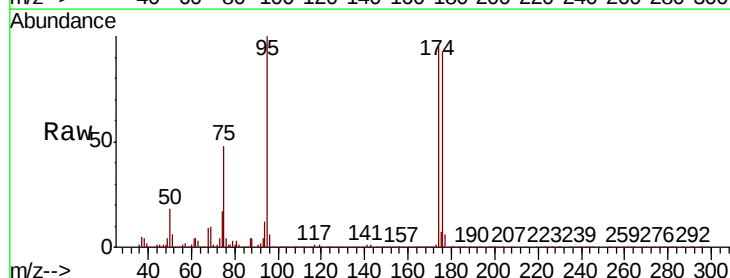
Tgt Ion: 95 Resp: 453000

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

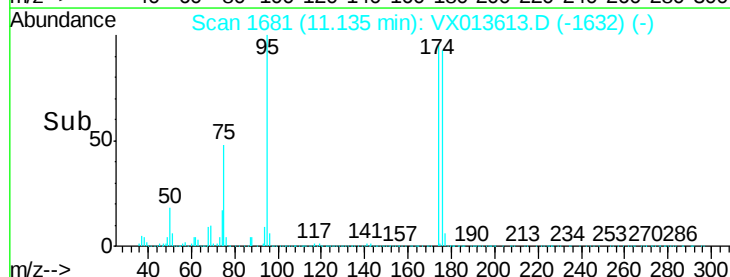
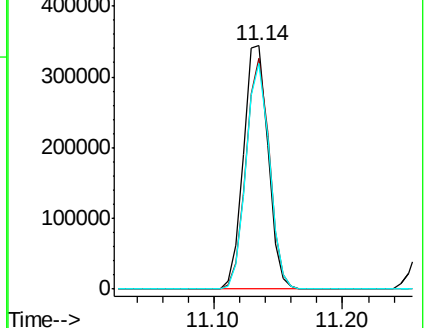
176 88.4 0.0 173.6

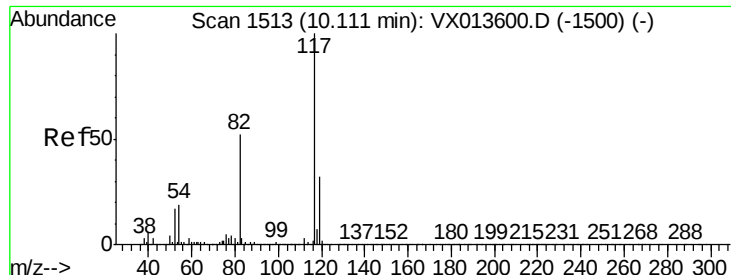


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

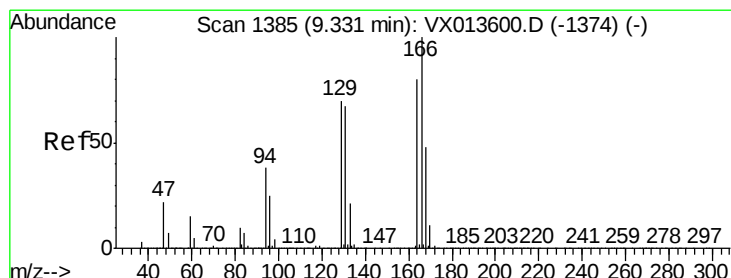
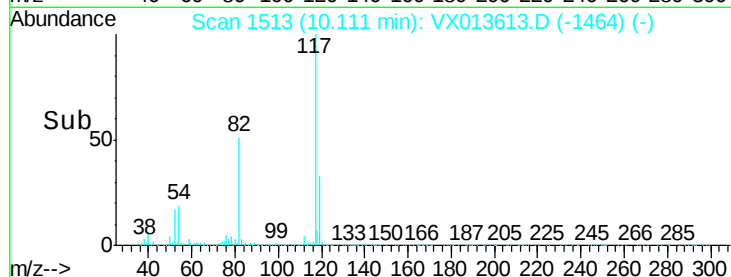
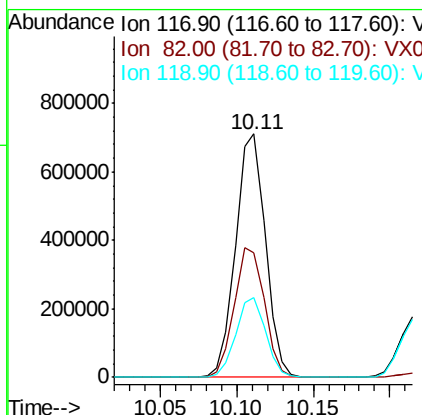
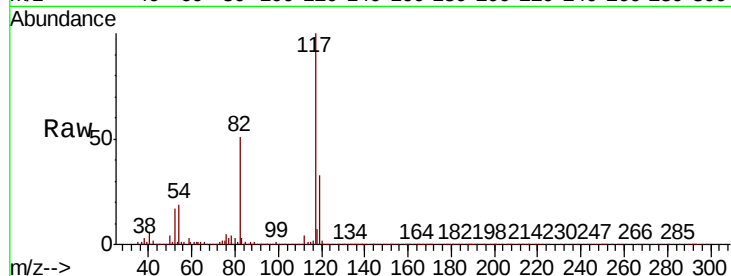




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

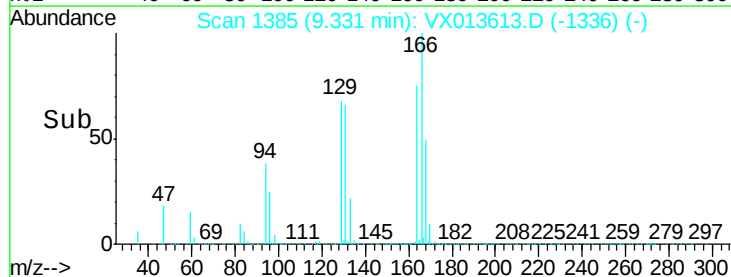
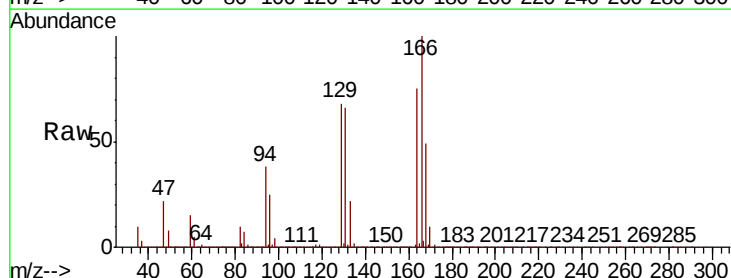
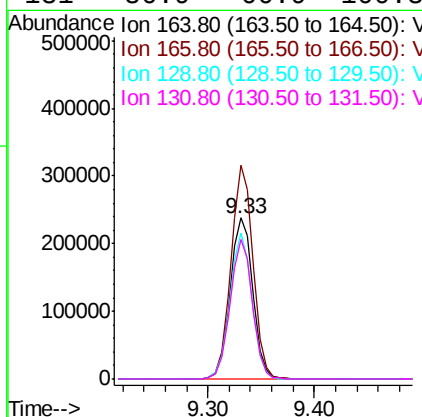
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

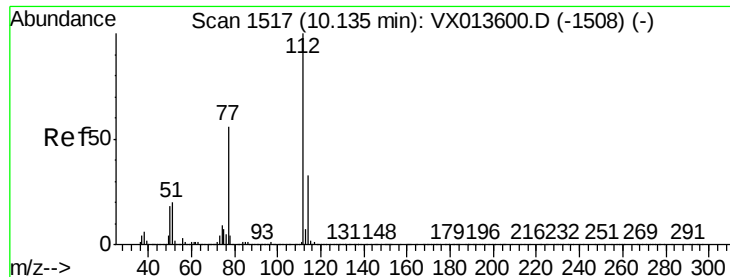
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.8	62.8
119	32.8	25.8	38.8



#64
Tetrachloroethene
Concen: 49.515 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.6	99.7	149.5
129	90.7	70.1	105.1
131	86.9	66.9	100.3





#65

Chlorobenzene

Concen: 48.846 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

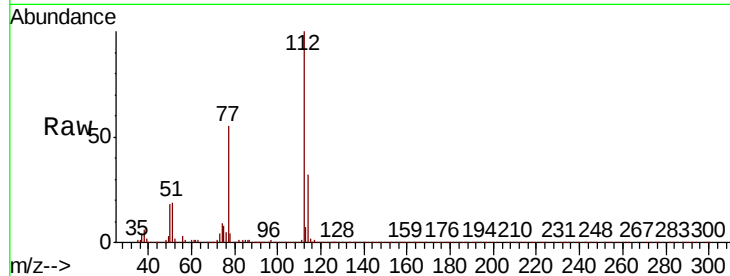
VSTDCCC050EC

Tot Ion:112 Resp: 974572

Ion Ratio Lower Upper

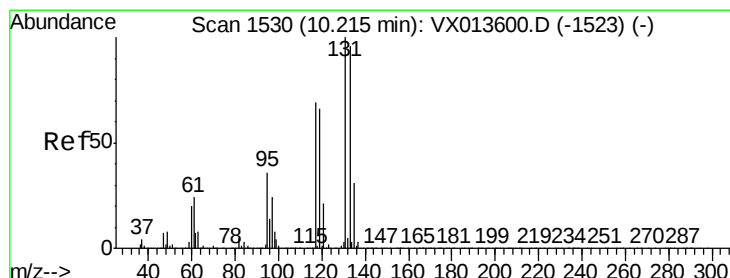
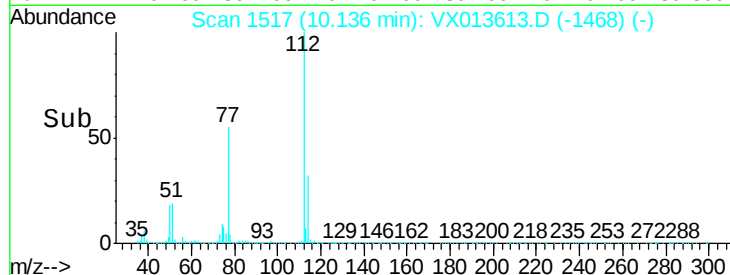
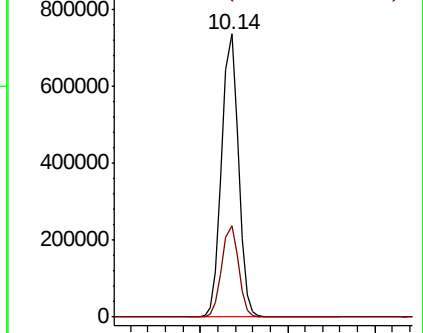
112 100

114 32.1 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.572 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

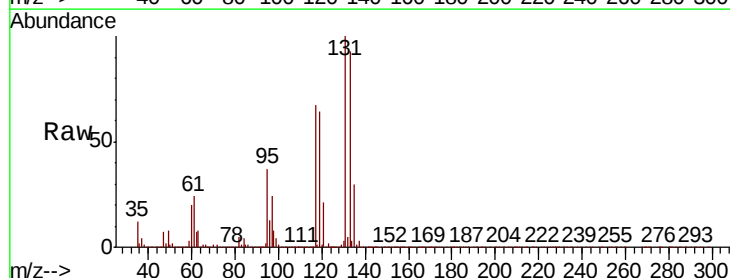
Tgt Ion:131 Resp: 362330

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

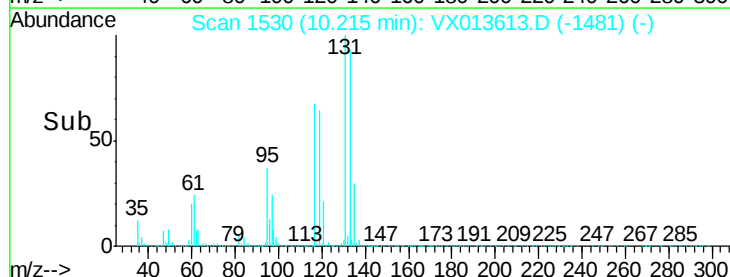
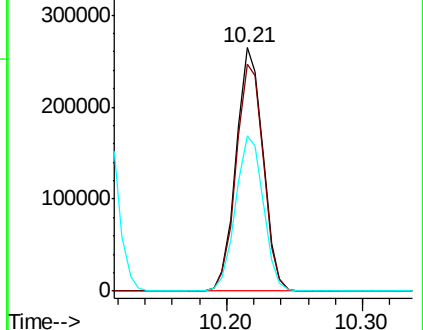
119 65.5 32.9 98.6

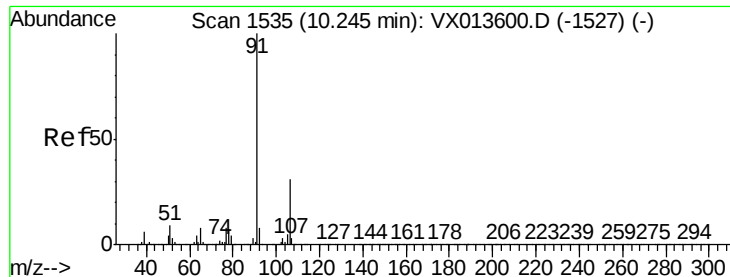


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.857 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

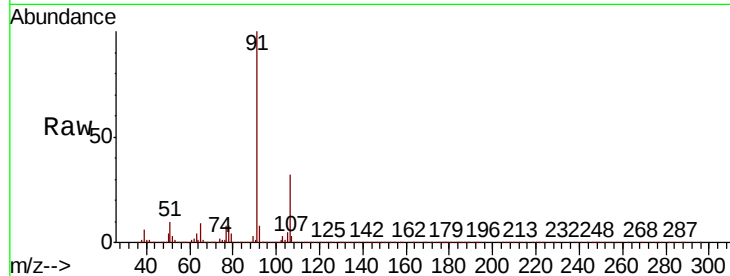
VSTDCCC050EC

Tot Ion: 91 Resp: 1743657

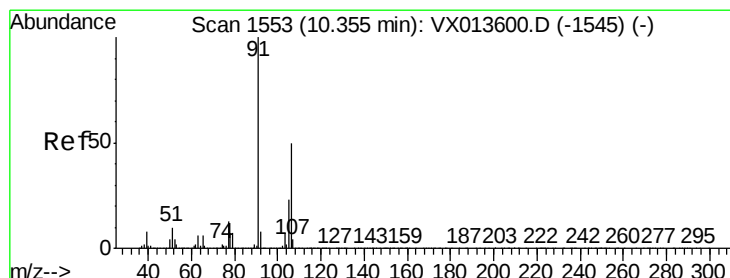
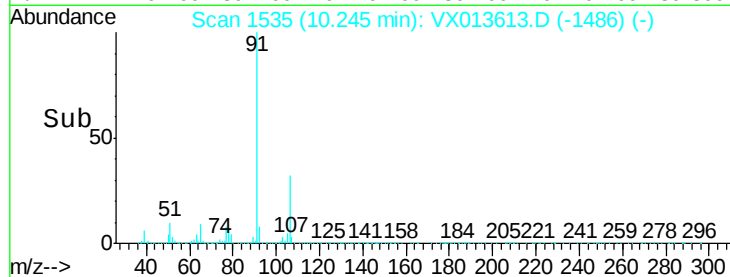
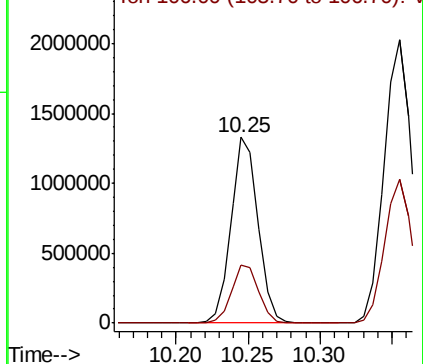
Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX013613.D (-1486) (-)



#68

m/p-Xylenes

Concen: 104.227 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013613.D

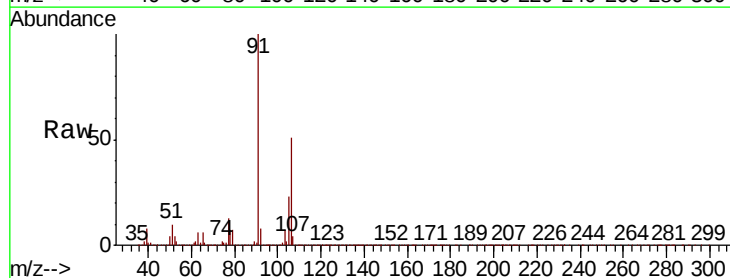
Acq: 26 Nov 2019 20:53

Tgt Ion: 106 Resp: 1368114

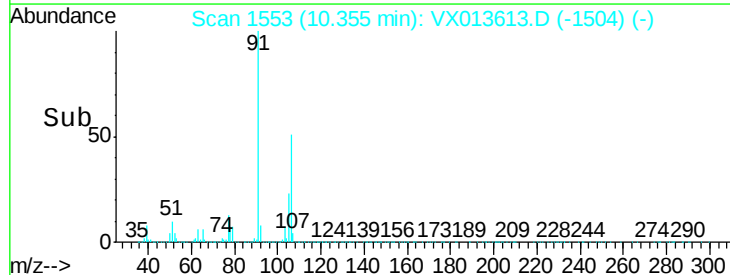
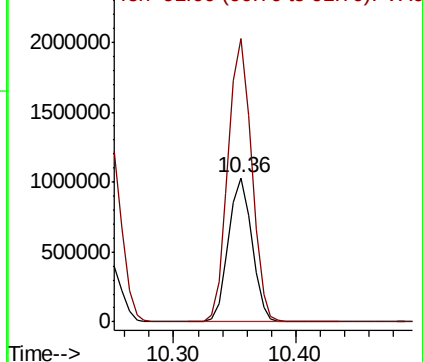
Ion Ratio Lower Upper

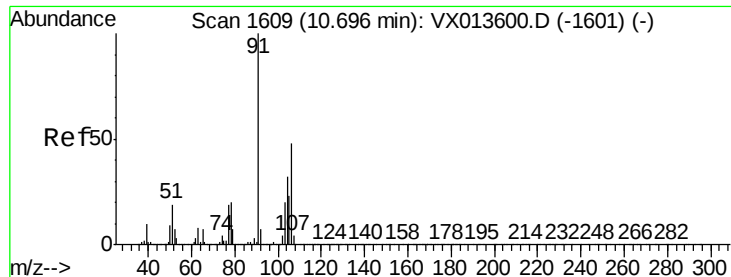
106 100

91 198.3 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): VX013613.D (-1504) (-)

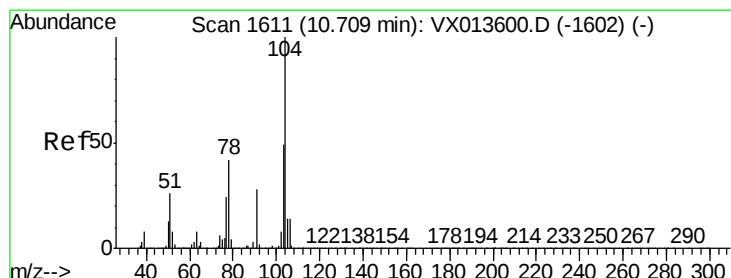
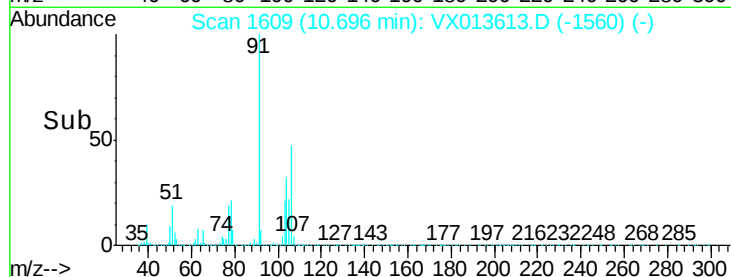
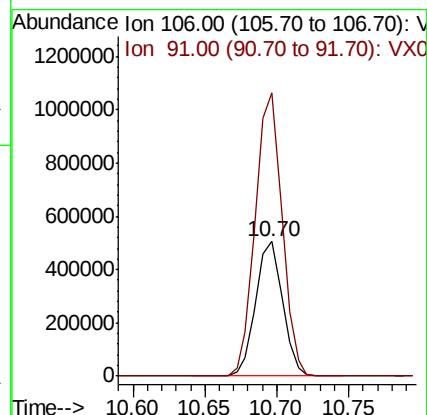
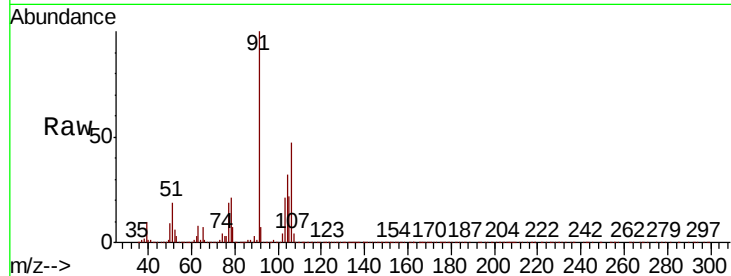




#69
o-Xylene
Concen: 50.713 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

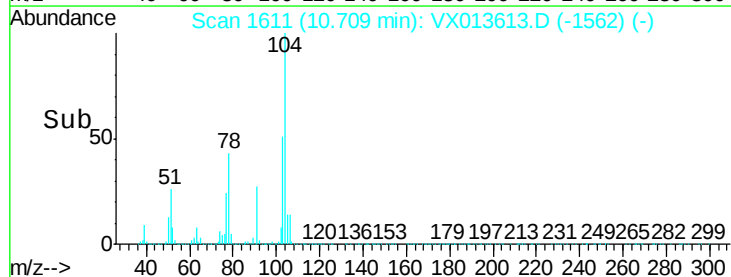
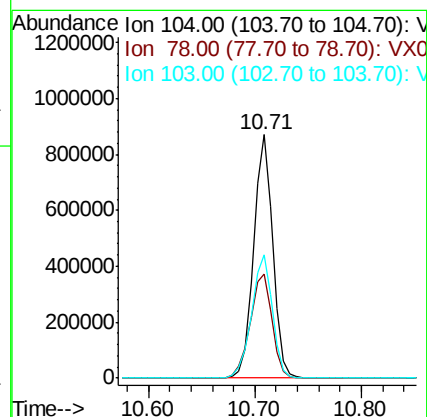
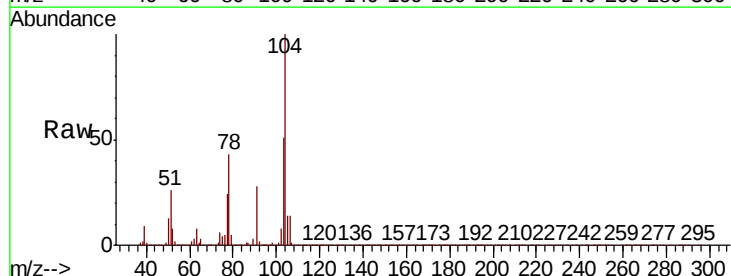
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

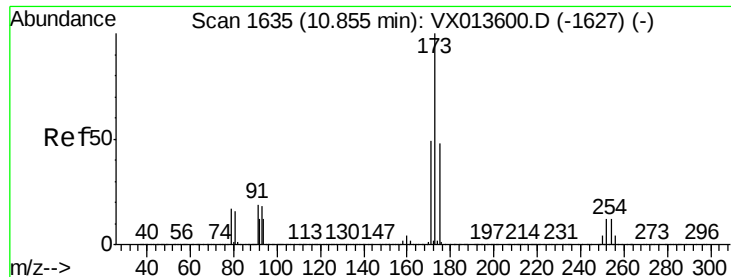
Tot Ion:106 Resp: 649227
Ion Ratio Lower Upper
106 100
91 210.3 104.1 312.2



#70
Styrene
Concen: 50.854 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion:104 Resp: 1095152
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 55.2 43.7 65.5





#71

Bromoform

Concen: 52.608 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

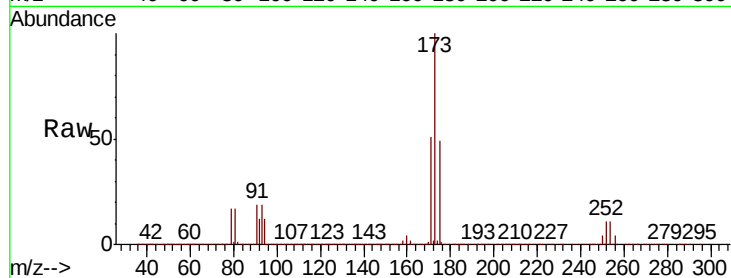
Tot Ion:173 Resp: 311867

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.8

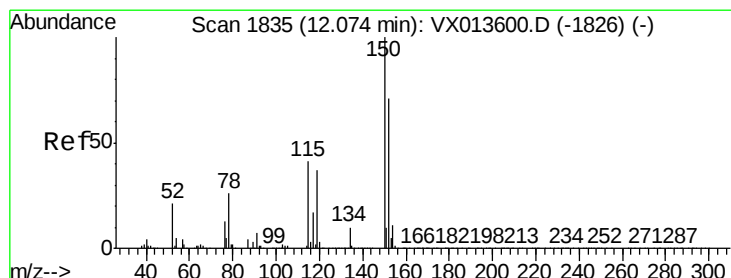
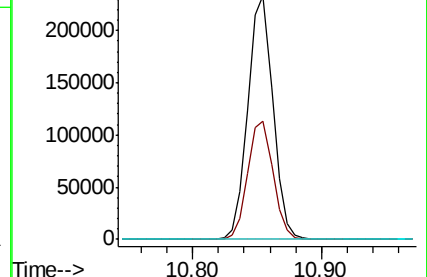
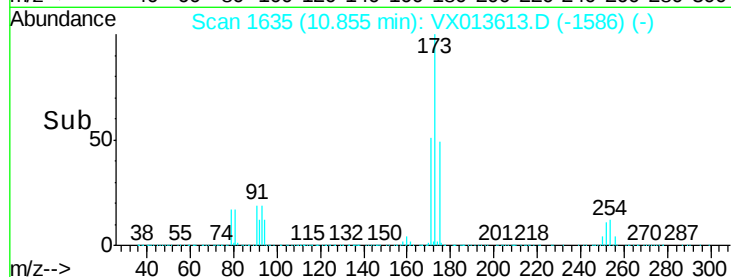
254 0.2 0.2 0.4#



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: VX013613.D

Acq: 26 Nov 2019 20:53

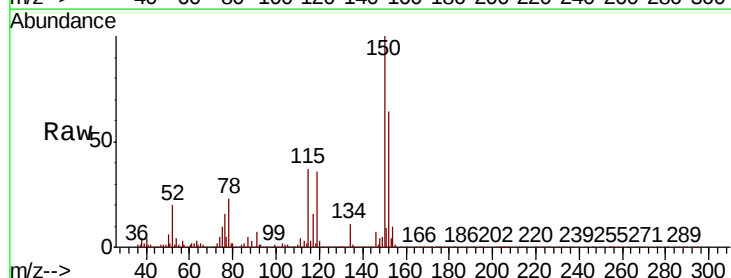
Tgt Ion:152 Resp: 481651

Ion Ratio Lower Upper

152 100

115 76.8 38.4 115.1

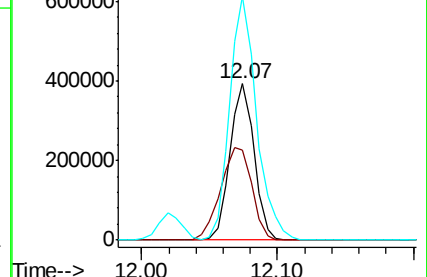
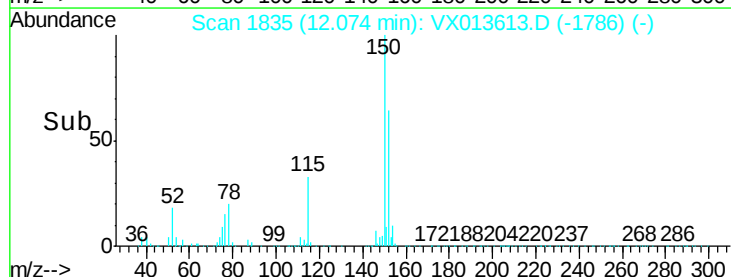
150 173.9 0.0 346.8

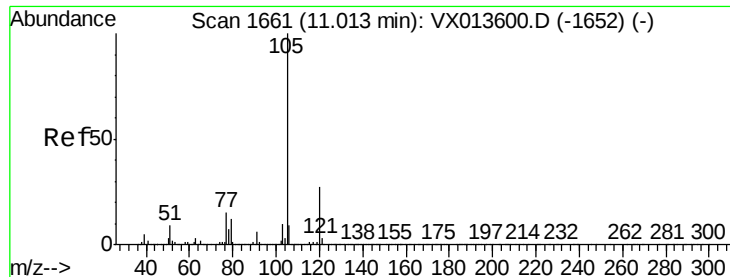


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.188 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

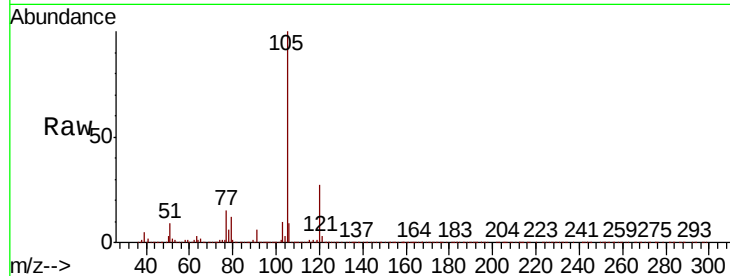
VSTDCCC050EC

Tot Ion:105 Resp: 1695661

Ion Ratio Lower Upper

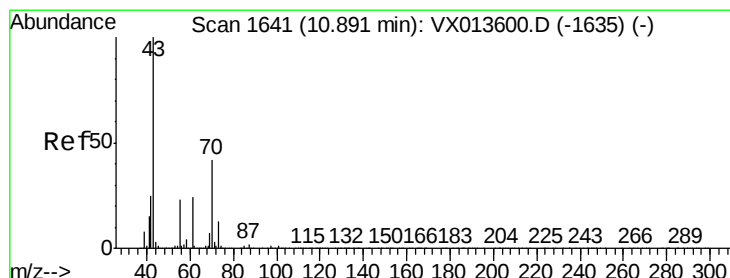
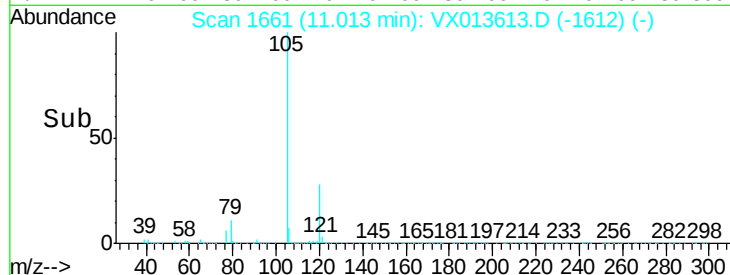
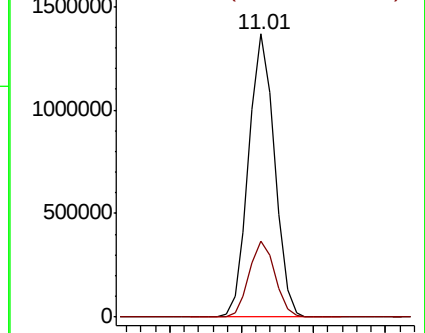
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.374 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion: 43 Resp: 795108

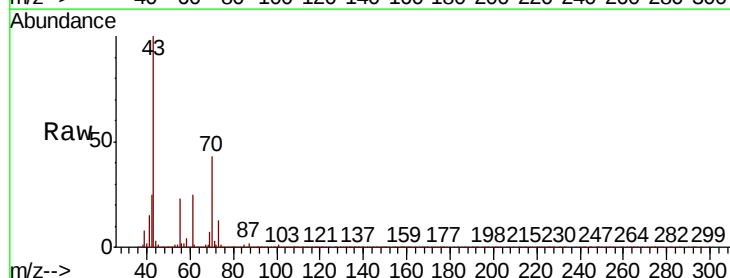
Ion Ratio Lower Upper

43 100

70 43.5 34.3 51.5

55 23.6 18.5 27.7

61 25.3 19.8 29.8

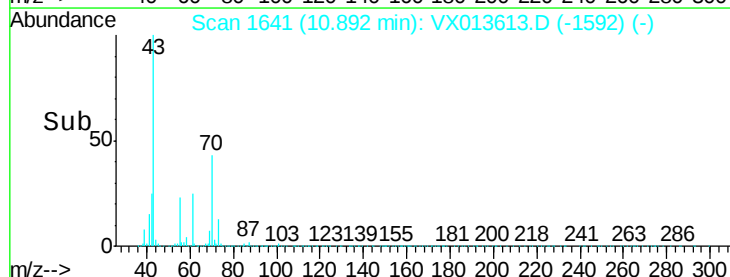
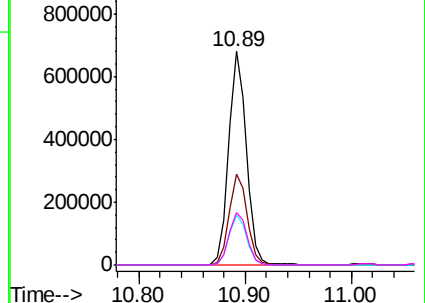


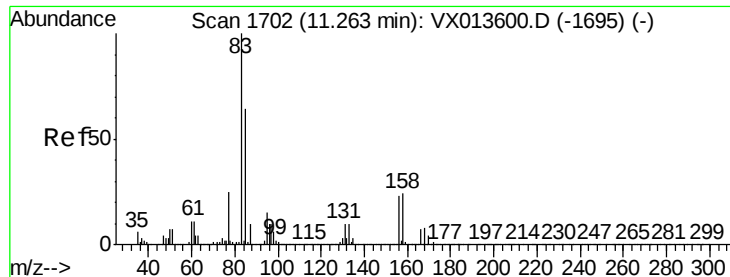
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.217 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

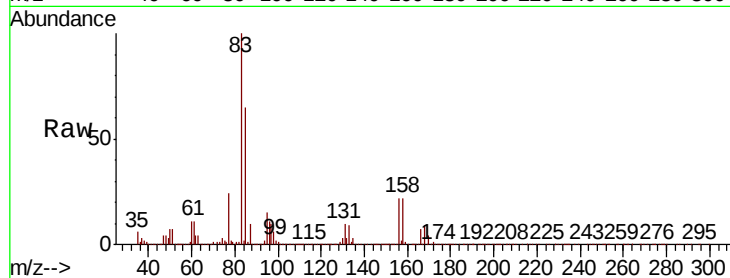
Tot Ion: 83 Resp: 576665

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

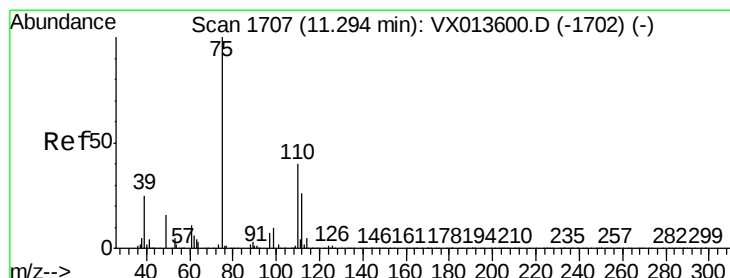
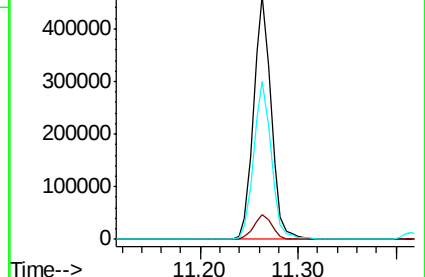
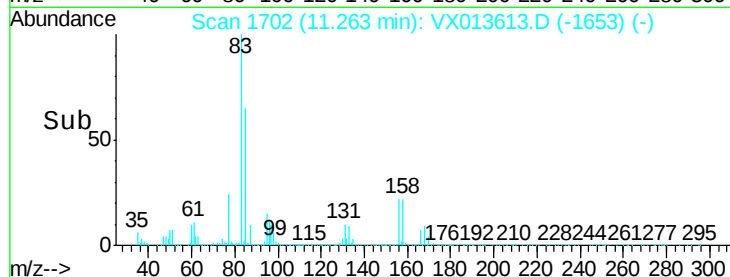
85 64.9 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.088 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013613.D

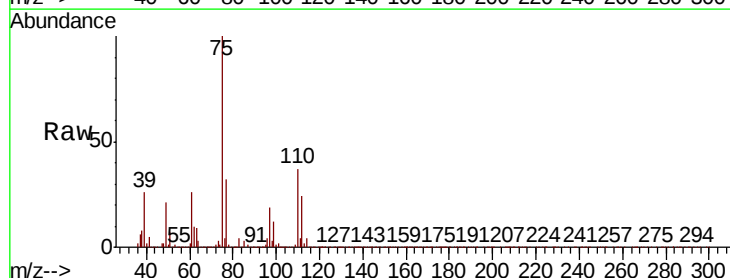
Acq: 26 Nov 2019 20:53

Tgt Ion: 75 Resp: 672615

Ion Ratio Lower Upper

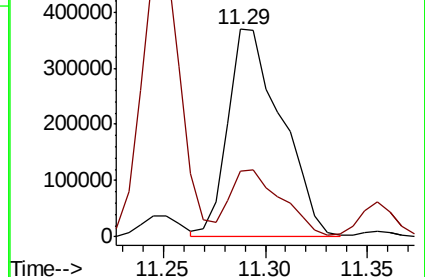
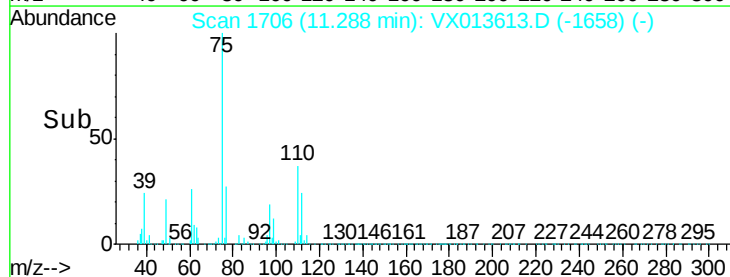
75 100

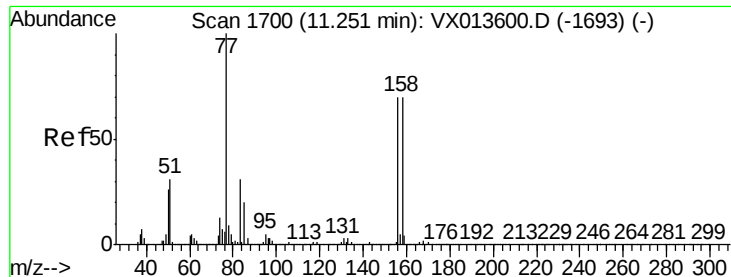
77 30.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.799 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

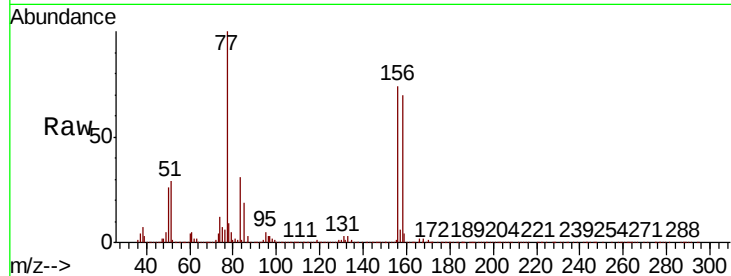
Tot Ion:156 Resp: 445411

Ion Ratio Lower Upper

156 100

77 149.1 74.4 223.1

158 96.8 48.9 146.6



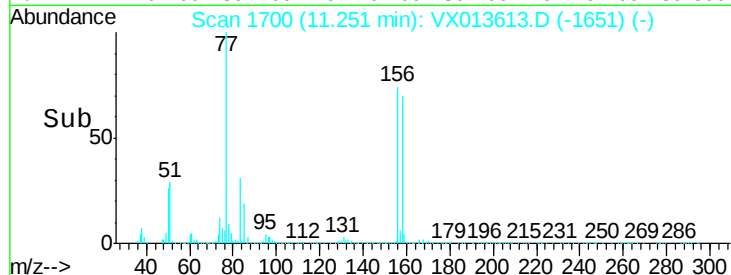
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->

11.20 11.25 11.30



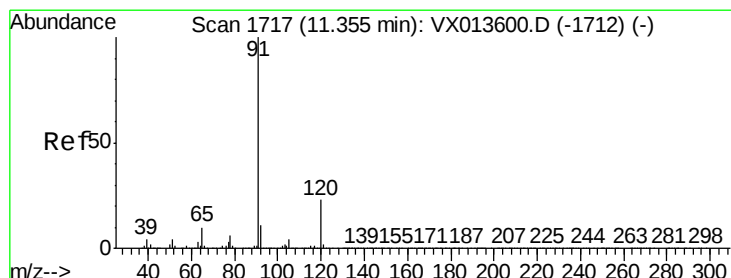
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->

11.20 11.25 11.30



#78

n-propylbenzene

Concen: 50.285 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013613.D

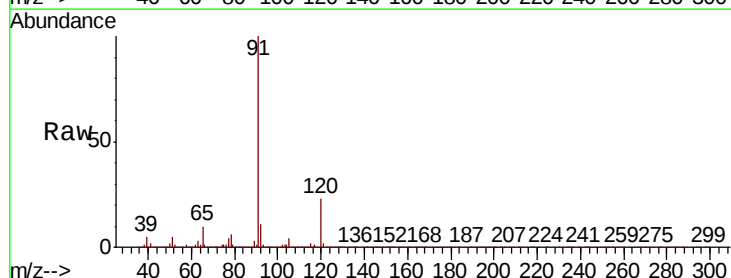
Acq: 26 Nov 2019 20:53

Tgt Ion: 91 Resp: 1896527

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3

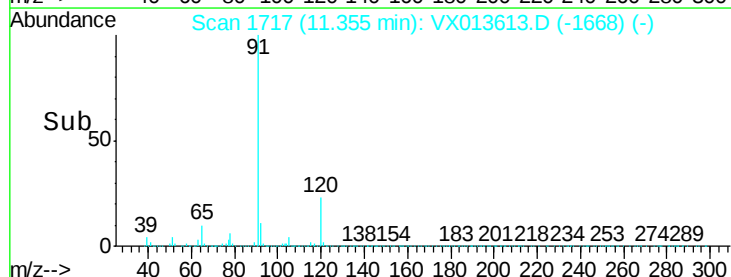


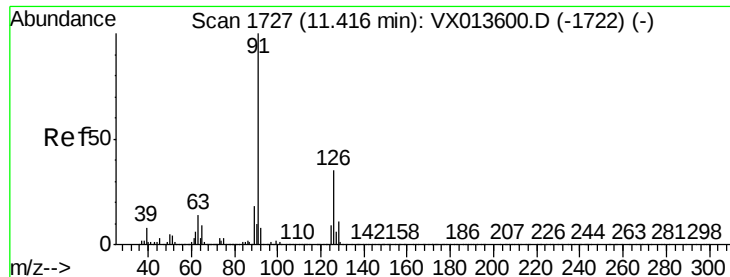
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->

11.30 11.35 11.40





#79

2-Chlorotoluene

Concen: 49.703 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

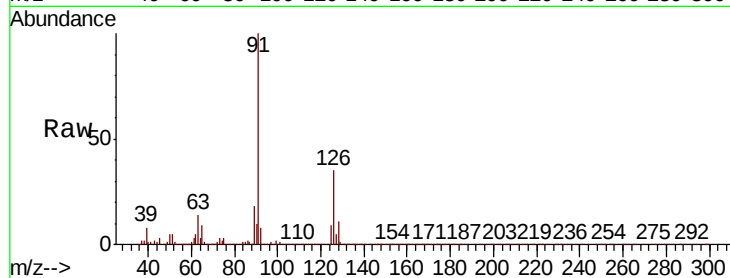
VSTDCCC050EC

Tot Ion: 91 Resp: 1124502

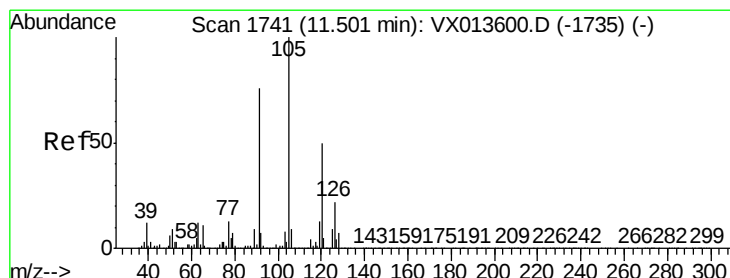
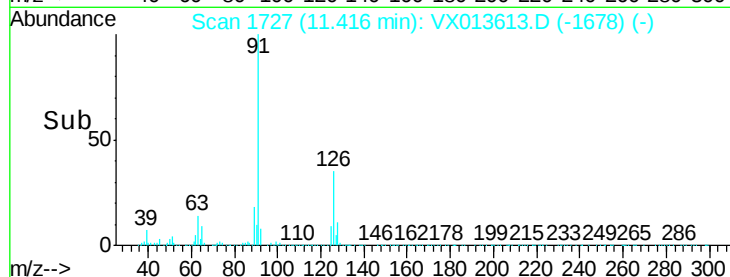
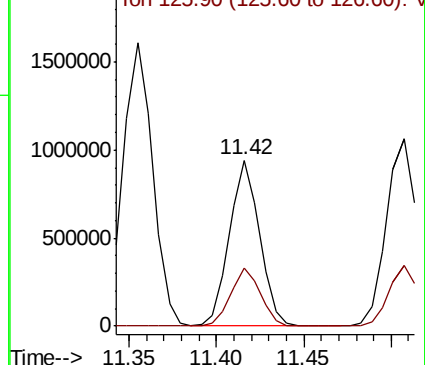
Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013613.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.670 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013613.D

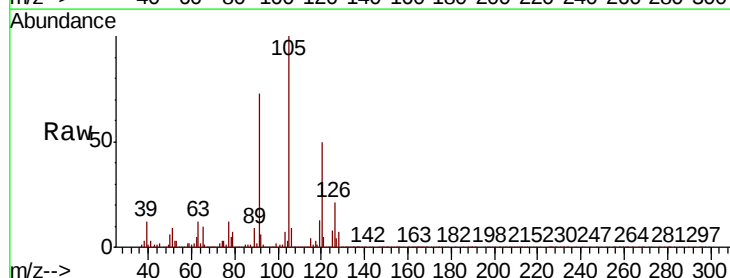
Acq: 26 Nov 2019 20:53

Tgt Ion: 105 Resp: 1430787

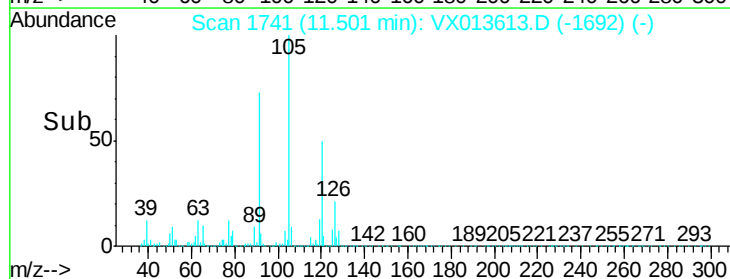
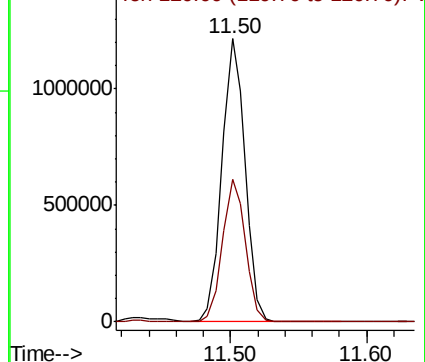
Ion Ratio Lower Upper

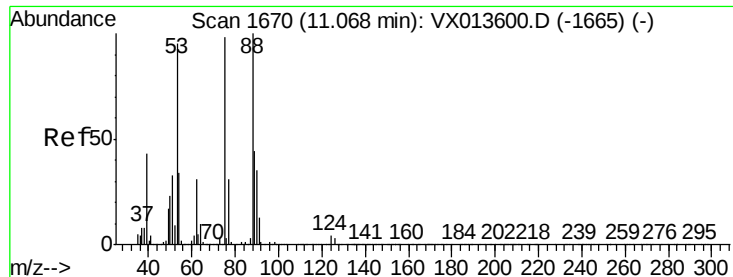
105 100

120 49.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013613.D (-1692) (-)

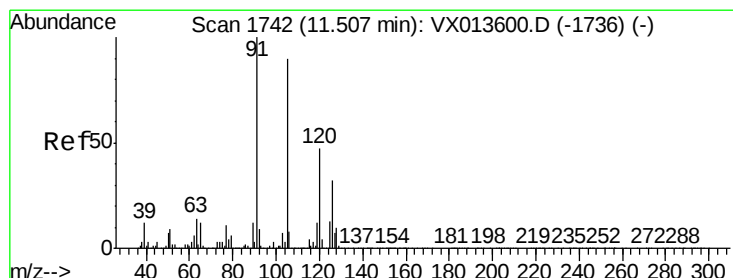
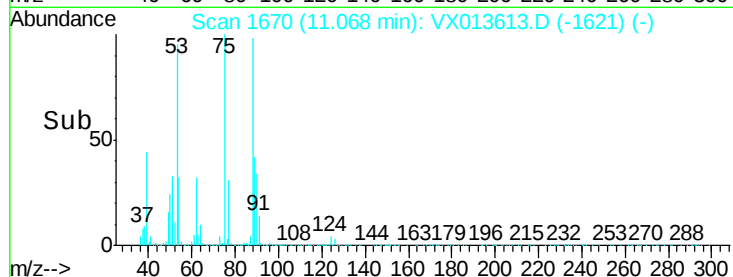
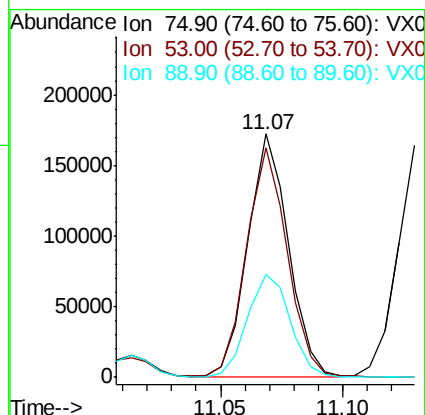
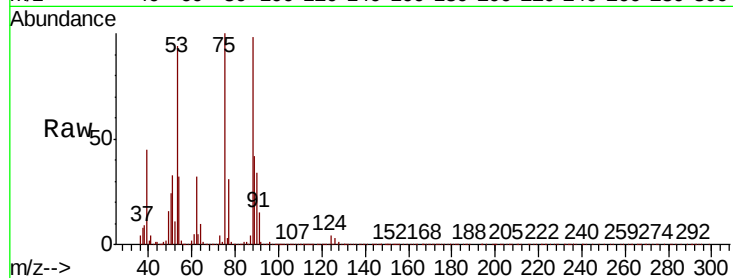




#81
trans-1,4-Dichloro-2-butene
Concen: 50.117 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

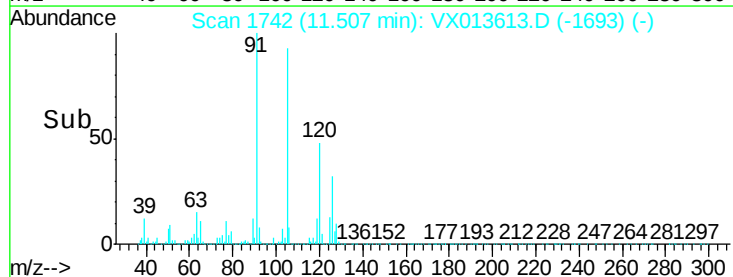
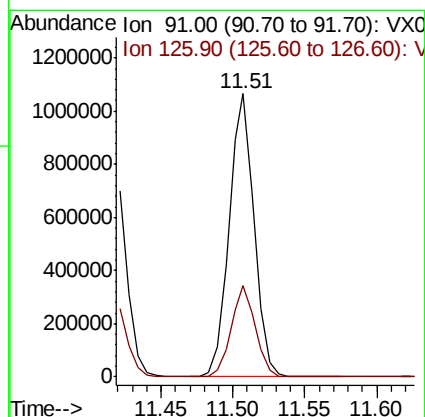
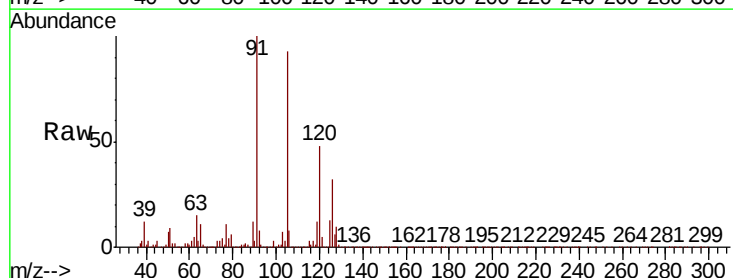
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

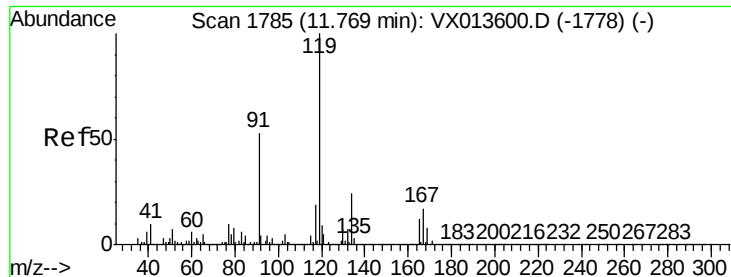
Tot Ion: 75 Resp: 198452
Ion Ratio Lower Upper
75 100
53 94.7 78.2 117.2
89 45.2 35.4 53.2



#82
4-Chlorotoluene
Concen: 49.361 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 91 Resp: 1293462
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.0

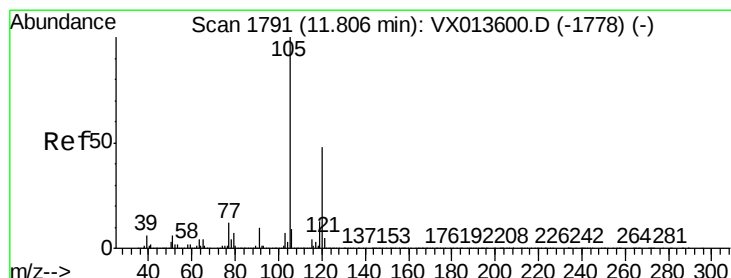
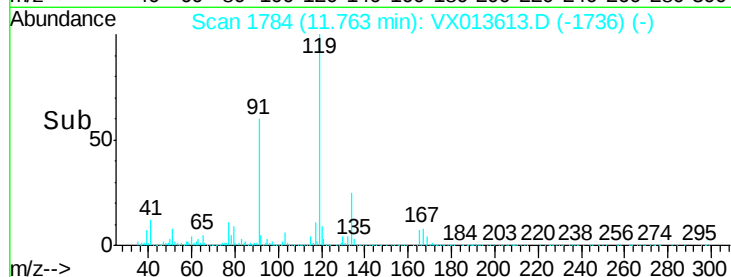
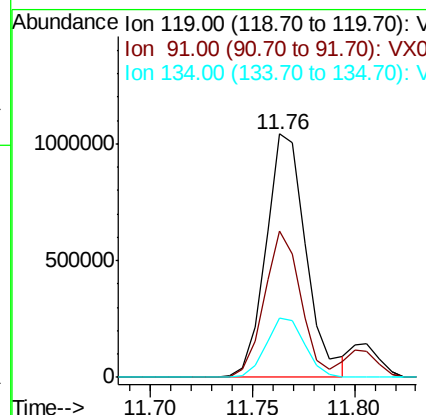
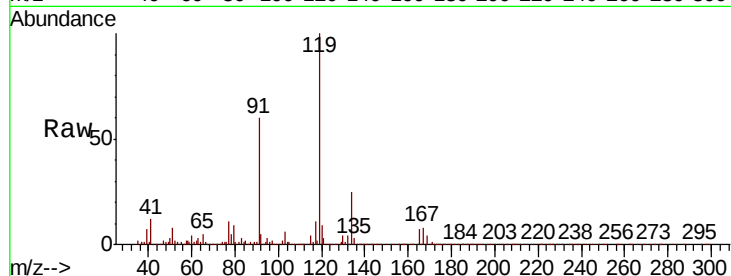




#83
 tert-Butylbenzene
 Concen: 50.740 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

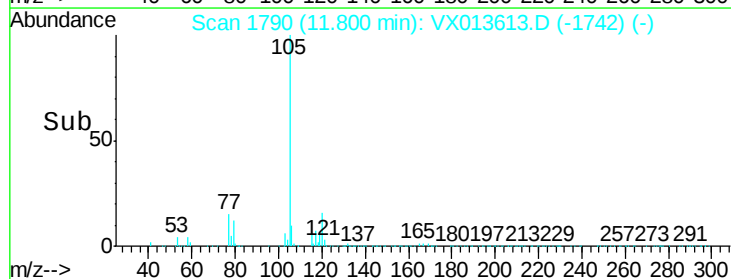
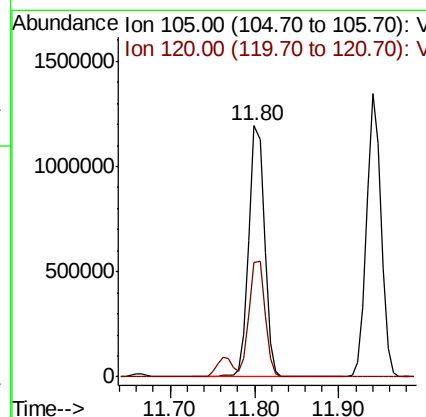
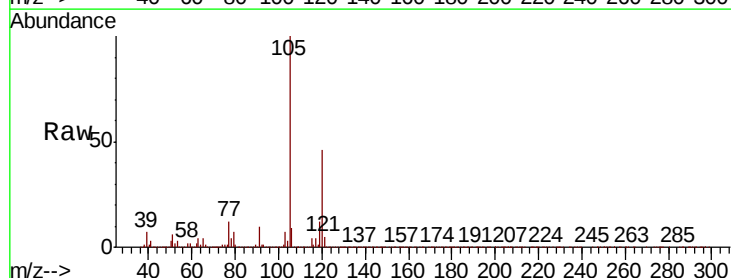
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

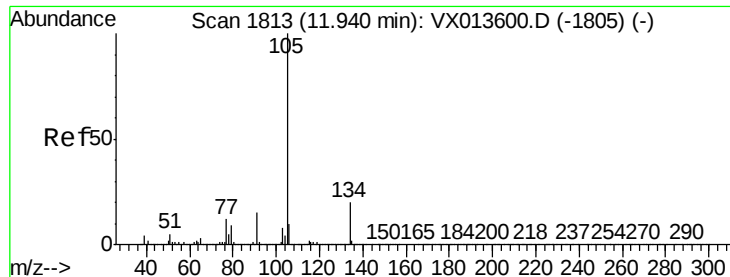
Tot Ion:119 Resp: 1427911
 Ion Ratio Lower Upper
 119 100
 91 54.3 27.2 81.6
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.389 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion:105 Resp: 1472292
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.311 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

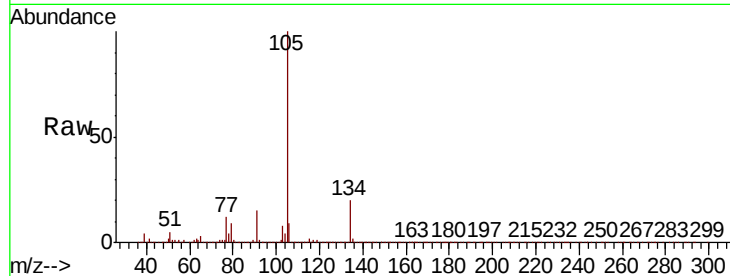
VSTDCCC050EC

Tot Ion:105 Resp: 1617190

Ion Ratio Lower Upper

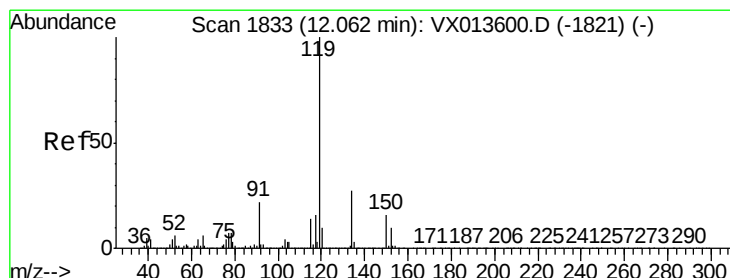
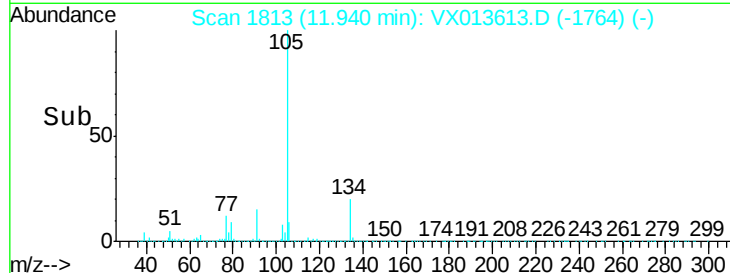
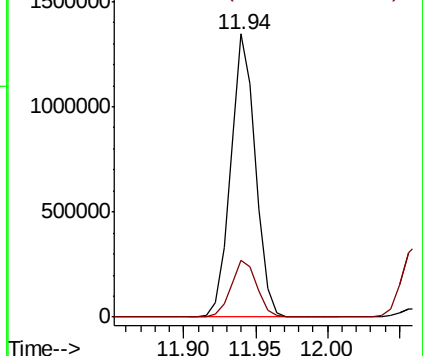
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.737 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

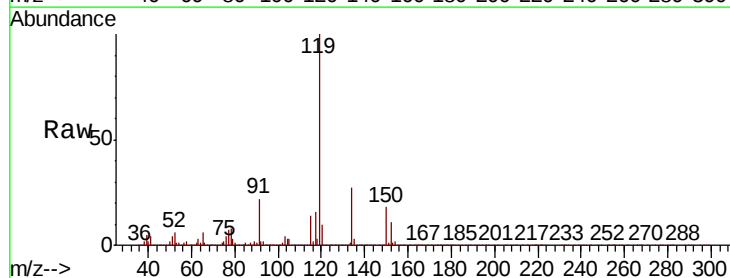
Tgt Ion:119 Resp: 1517218

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

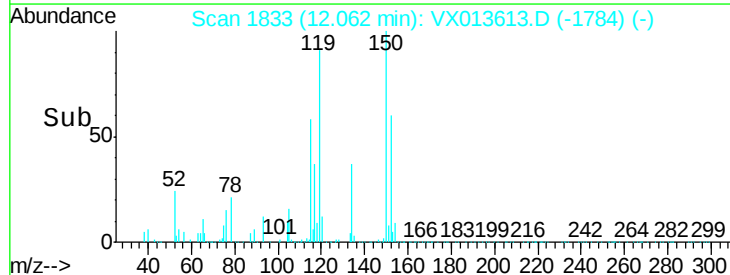
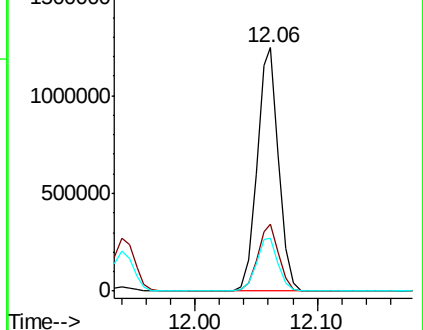
91 22.1 11.3 33.8

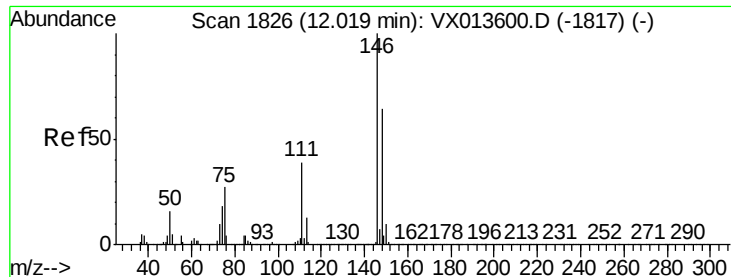


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.931 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

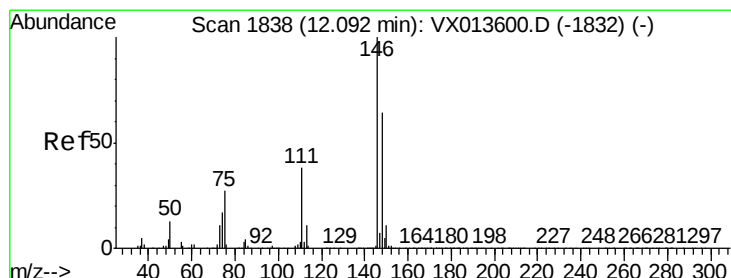
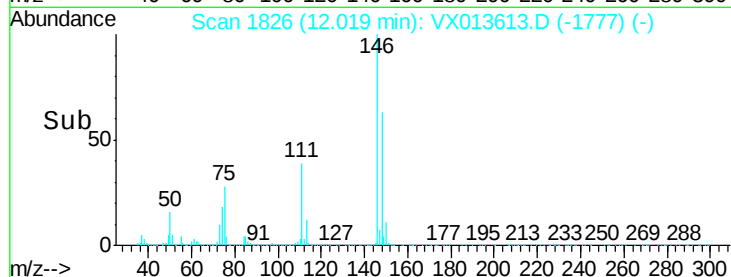
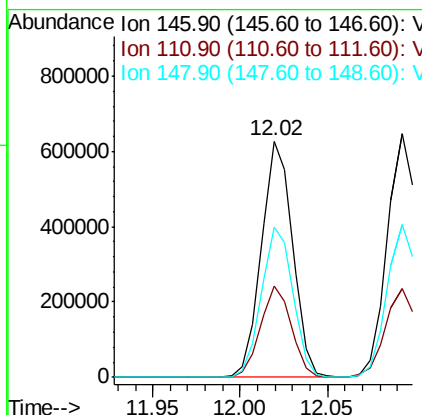
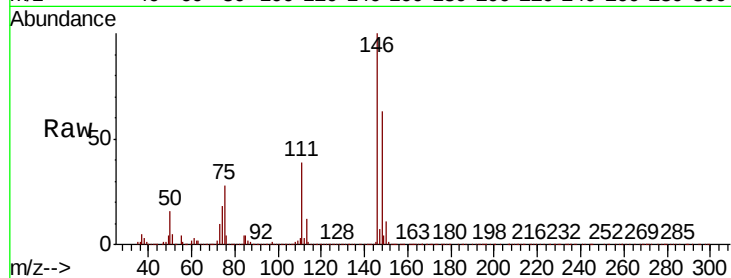
Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 778512

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.4	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 48.293 ug/l

RT: 12.09 min Scan# 1838

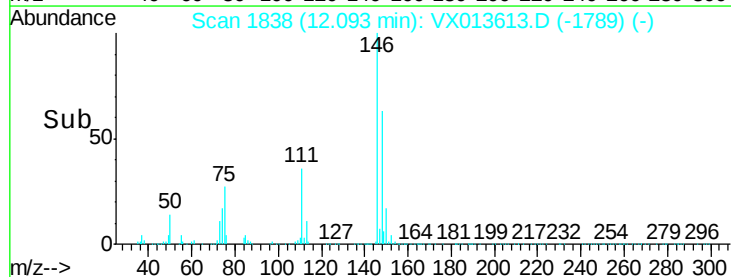
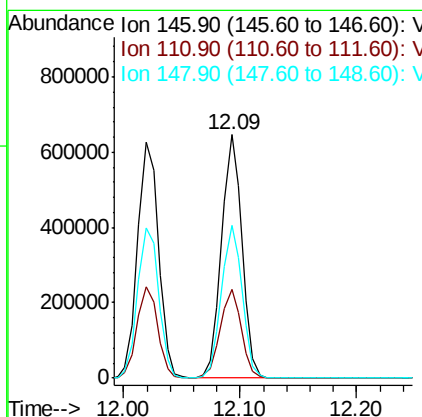
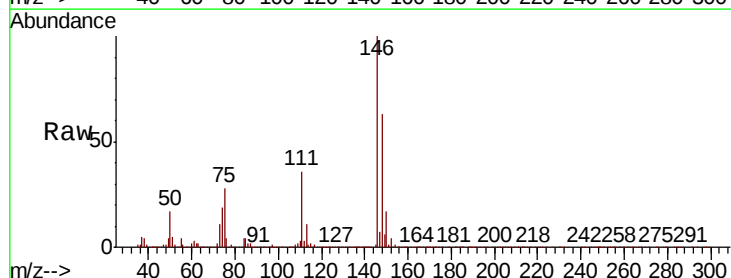
Delta R.T. 0.00 min

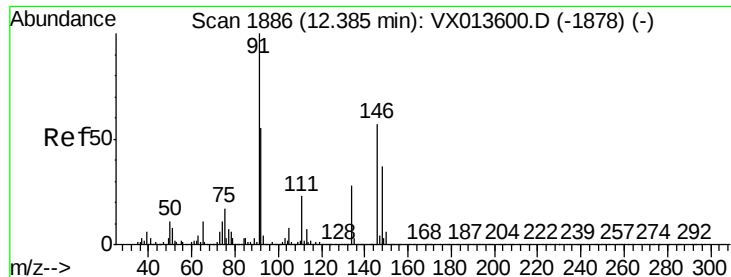
Lab File: VX013613.D

Acq: 26 Nov 2019 20:53

Tgt Ion:146 Resp: 782641

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.9
148	63.6	31.9	95.5

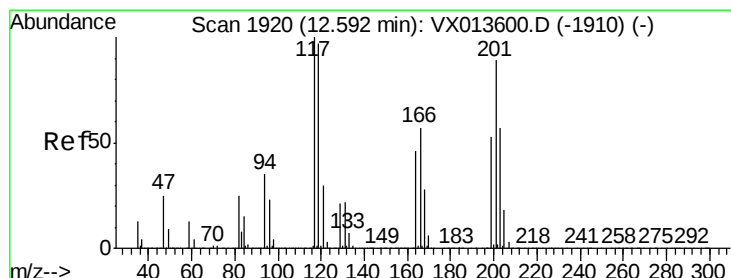
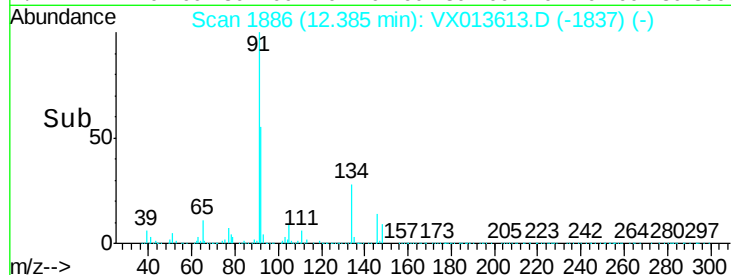
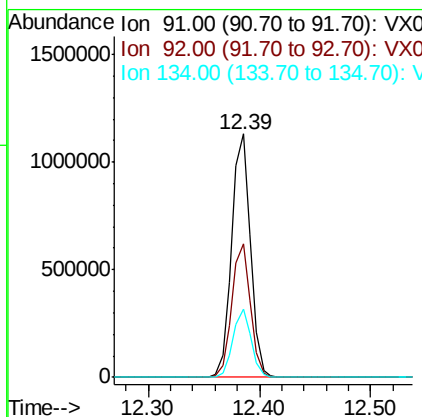
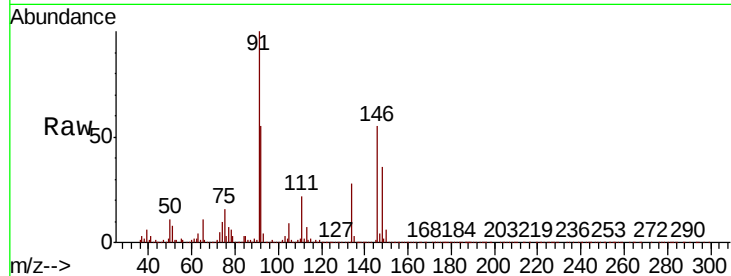




#89
n-Butylbenzene
Concen: 51.426 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

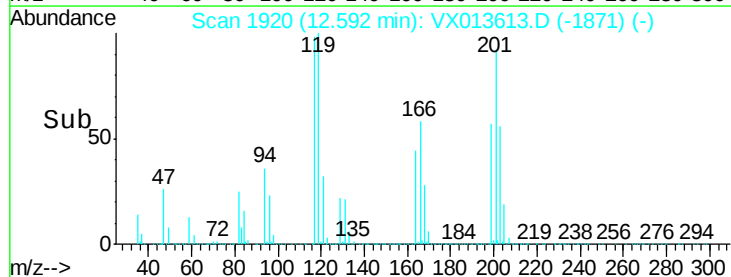
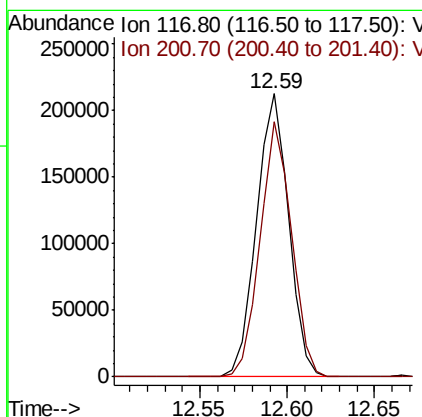
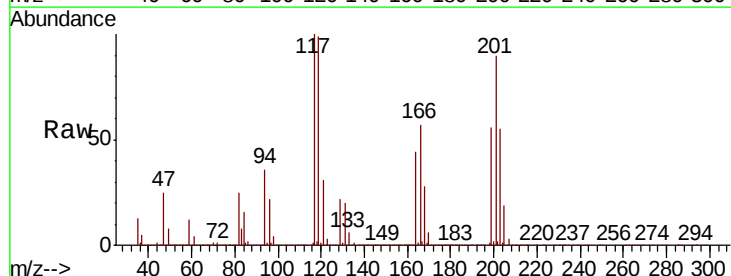
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

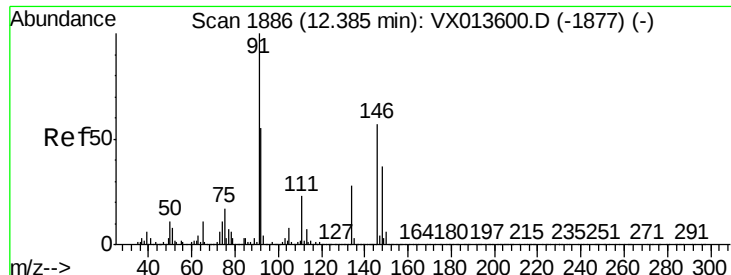
Tot Ion: 91 Resp: 1311608
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.2
134 27.5 13.5 40.4



#90
Hexachloroethane
Concen: 50.035 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion: 117 Resp: 270444
Ion Ratio Lower Upper
117 100
201 88.7 44.1 132.4

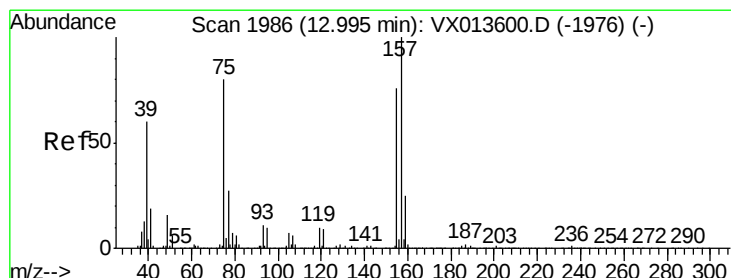
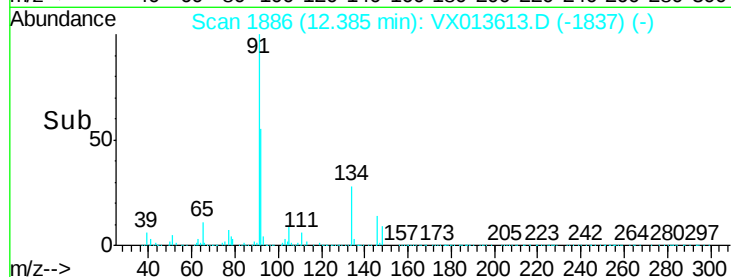
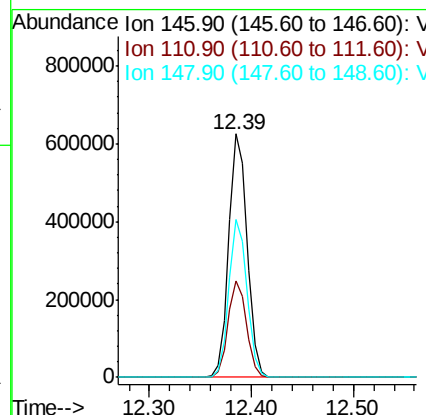
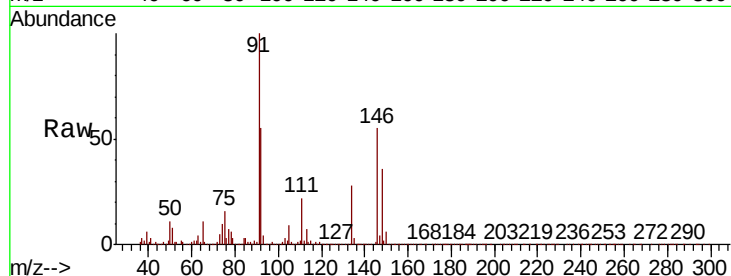




#91
 1,2-Dichlorobenzene
 Concen: 49.676 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

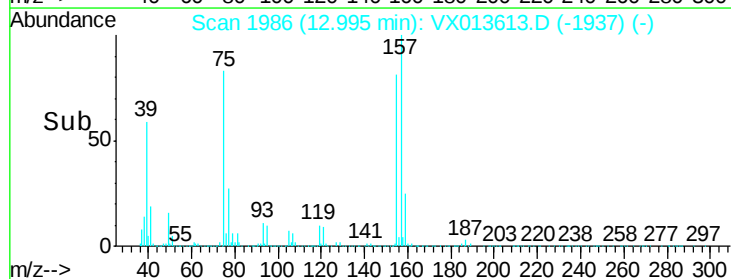
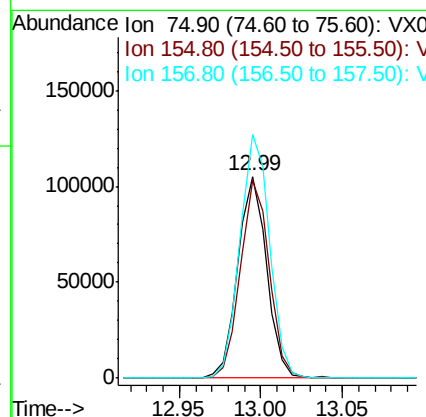
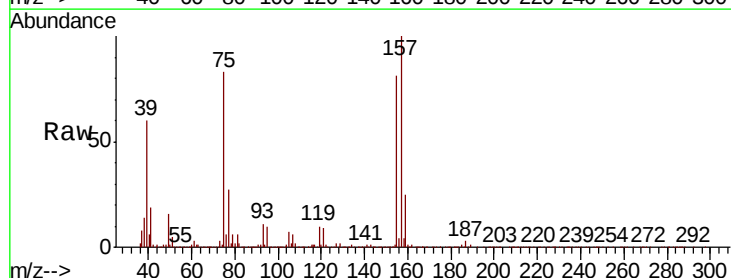
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

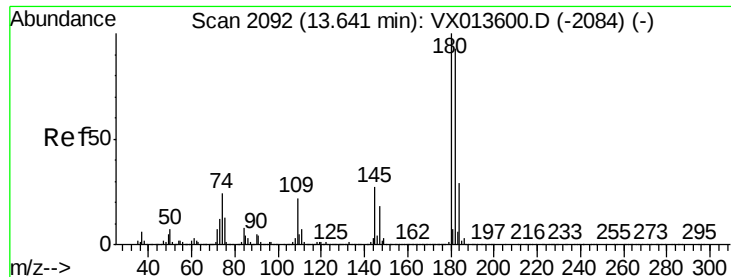
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	64.0	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.546 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	47.6	142.8
157	125.2	62.1	186.2

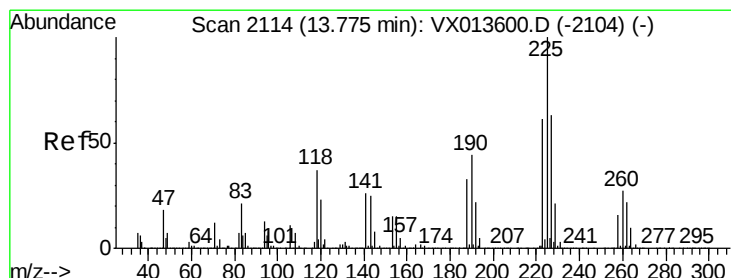
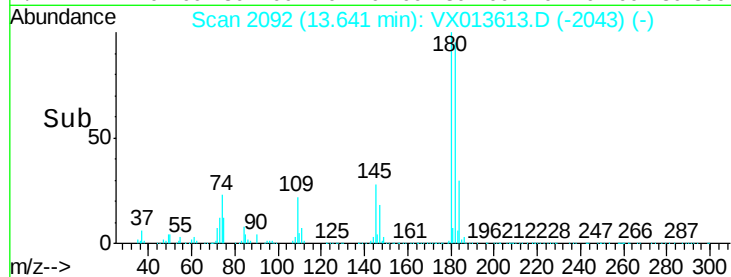
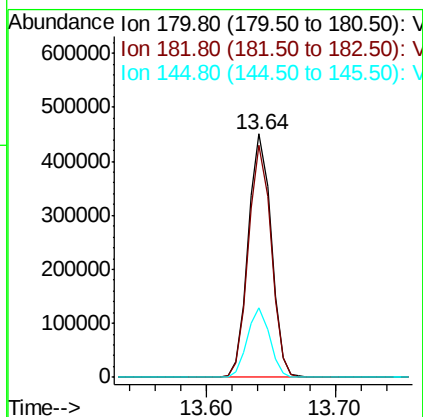
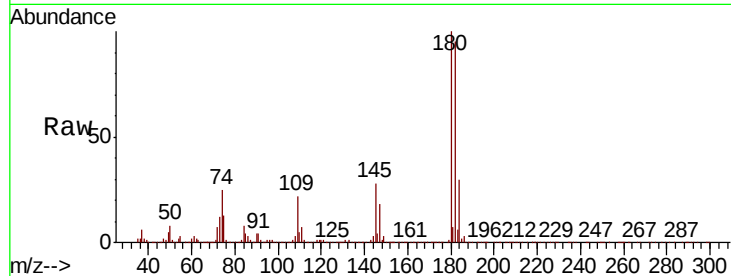




#93
 1,2,4-Trichlorobenzene
 Concen: 50.301 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

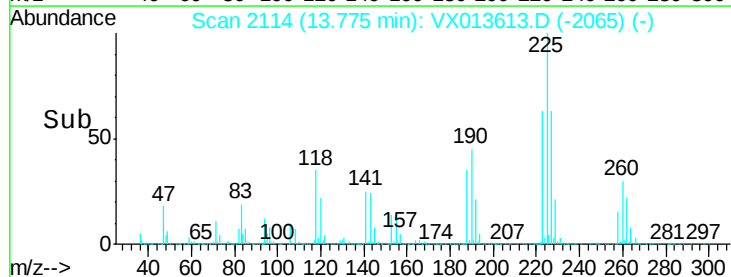
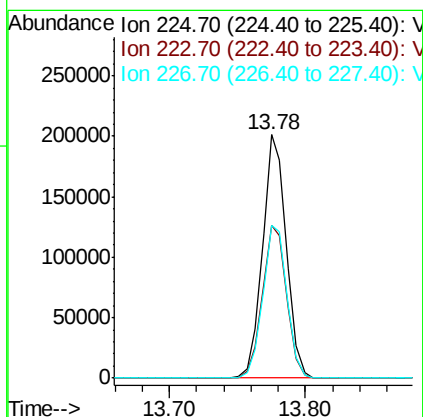
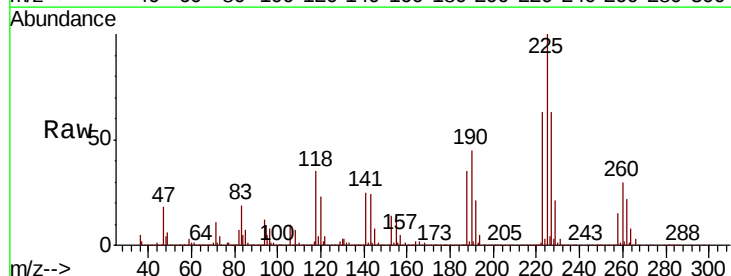
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

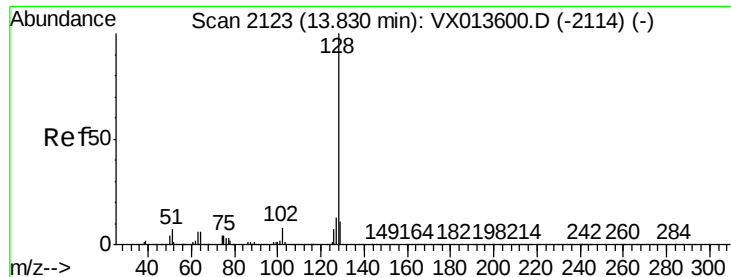
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.2	141.6
145	27.8	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 46.810 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013613.D
 Acq: 26 Nov 2019 20:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.5
227	64.0	32.1	96.3

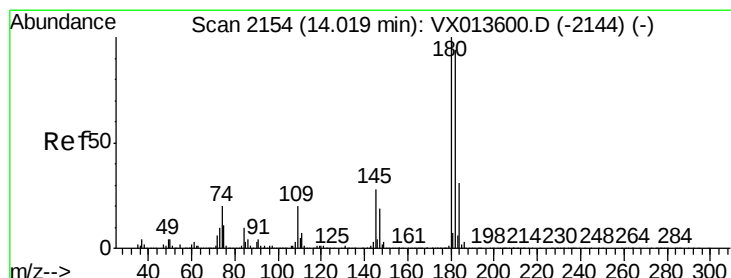
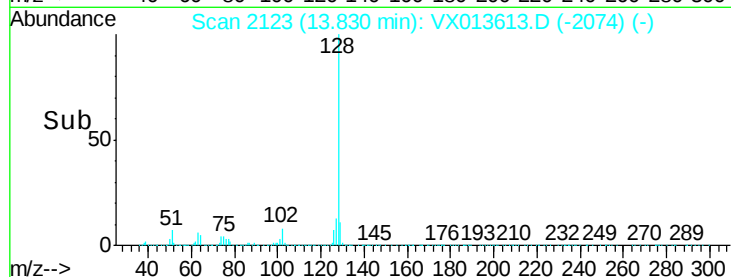
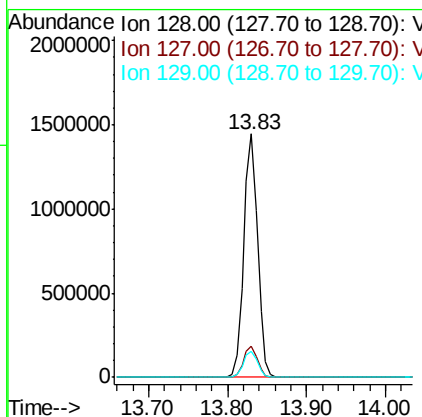
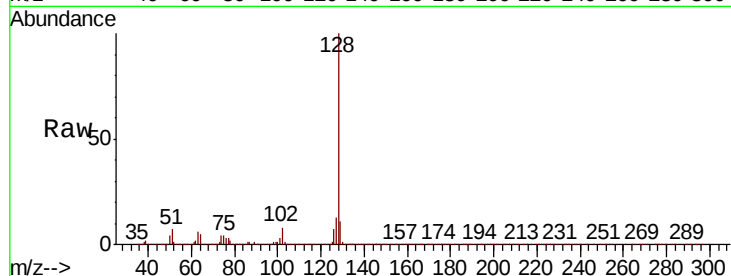




#95
Naphthalene
Concen: 53.737 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1753275
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.398 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013613.D
Acq: 26 Nov 2019 20:53

Tgt Ion:180 Resp: 546704
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.8
145 30.2 15.0 45.0

