

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX110119\
 Data File : VX013317.D
 Acq On : 01 Nov 2019 17:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:32:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	739272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1124996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1020632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	523129	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	408542	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	
35) Dibromofluoromethane	5.48	113	332157	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
50) Toluene-d8	8.71	98	1268040	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.13	95	455662	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	422940	49.653	ug/l	99
3) Chloromethane	1.31	50	454727	49.228	ug/l	98
4) Vinyl Chloride	1.40	62	529323	50.334	ug/l	99
5) Bromomethane	1.62	94	313243	42.744	ug/l	99
6) Chloroethane	1.71	64	286868	47.665	ug/l	99
7) Trichlorofluoromethane	1.92	101	570173	45.892	ug/l	99
8) Diethyl Ether	2.17	74	265077	48.247	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	333212	48.119	ug/l	99
10) Methyl Iodide	2.50	142	371053	43.279	ug/l	98
11) Tert butyl alcohol	3.03	59	492857	213.506	ug/l	100
12) 1,1-Dichloroethene	2.36	96	333503	49.180	ug/l	98
13) Acrolein	2.28	56	275333	220.075	ug/l	99
14) Allyl chloride	2.72	41	612648	49.723	ug/l	98
15) Acrylonitrile	3.13	53	1074859	249.272	ug/l	99
16) Acetone	2.43	43	1061143	242.910	ug/l	99
17) Carbon Disulfide	2.56	76	890355	49.055	ug/l	98
18) Methyl Acetate	2.76	43	592356	49.116	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1135546	50.206	ug/l	97
20) Methylene Chloride	2.84	84	383603	47.527	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	360762	48.861	ug/l	98
22) Diisopropyl ether	3.84	45	1214078	51.038	ug/l	98
23) Vinyl Acetate	3.80	43	5139287	252.484	ug/l	100
24) 1,1-Dichloroethane	3.69	63	655693	49.275	ug/l	98
25) 2-Butanone	4.65	43	1593956	248.721	ug/l	100
26) 2,2-Dichloropropane	4.57	77	529399	50.009	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	418143	50.555	ug/l	99
28) Bromochloromethane	5.00	49	196361	51.971	ug/l	98
29) Tetrahydrofuran	5.11	42	980672	248.319	ug/l	100
30) Chloroform	5.20	83	650089	49.475	ug/l	98
31) Cyclohexane	5.57	56	576394	48.137	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	551157	48.740	ug/l	99
36) 1,1-Dichloropropene	5.79	75	481181	49.858	ug/l	99
37) Ethyl Acetate	4.81	43	586045	49.142	ug/l	99
38) Carbon Tetrachloride	5.78	117	470618	49.867	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110119\
 Data File : VX013317.D
 Acq On : 01 Nov 2019 17:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:32:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	590111	49.072	ug/l	98
40) Benzene	6.13	78	1491464	49.611	ug/l	97
41) Methacrylonitrile	5.03	41	329936	49.360	ug/l	99
42) 1,2-Dichloroethane	6.18	62	532560	49.112	ug/l	100
43) Isopropyl Acetate	6.43	43	940541	50.648	ug/l	99
44) Trichloroethene	7.20	130	400572	48.406	ug/l	98
45) 1,2-Dichloropropane	7.50	63	382613	49.950	ug/l	99
46) Dibromomethane	7.65	93	254071	48.580	ug/l	98
47) Bromodichloromethane	7.89	83	505658	51.273	ug/l	98
48) Methyl methacrylate	7.76	41	476771	51.433	ug/l	99
49) 1,4-Dioxane	7.73	88	204257	962.169	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3048633	250.224	ug/l	100
52) Toluene	8.78	92	938251	50.355	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	558591	51.797	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	621176	51.493	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	392077	50.767	ug/l	99
56) Ethyl methacrylate	9.17	69	630265	47.871	ug/l	98
57) 1,3-Dichloropropane	9.37	76	654855	49.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1353045	256.227	ug/l	99
59) 2-Hexanone	9.48	43	2374897	252.240	ug/l	99
60) Dibromochloromethane	9.57	129	415446	52.598	ug/l	97
61) 1,2-Dibromoethane	9.67	107	409843	49.975	ug/l	100
64) Tetrachloroethene	9.33	164	354338	48.497	ug/l	98
65) Chlorobenzene	10.14	112	1011738	48.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	379147	49.973	ug/l	100
67) Ethyl Benzene	10.25	91	1789502	50.179	ug/l	99
68) m/p-Xylenes	10.35	106	1370524	101.617	ug/l	99
69) o-Xylene	10.70	106	668175	50.602	ug/l	98
70) Styrene	10.71	104	1151503	52.169	ug/l	99
71) Bromoform	10.85	173	320410	45.833	ug/l #	98
73) Isopropylbenzene	11.01	105	1763026	50.831	ug/l	100
74) N-amyl acetate	10.89	43	839517	52.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	623399	49.268	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	724847	68.218	ug/l	78
77) Bromobenzene	11.25	156	468018	50.616	ug/l	98
78) n-propylbenzene	11.35	91	2017328	52.213	ug/l	100
79) 2-Chlorotoluene	11.42	91	1185394	50.923	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1490143	51.580	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	208598	50.532	ug/l	98
82) 4-Chlorotoluene	11.51	91	1368778	50.232	ug/l	100
83) tert-Butylbenzene	11.77	119	1506966	51.818	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1482122	51.141	ug/l	99
85) sec-Butylbenzene	11.94	105	1716784	51.364	ug/l	100
86) p-Isopropyltoluene	12.06	119	1594649	51.812	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	823578	49.969	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	828855	49.359	ug/l	98
89) n-Butylbenzene	12.38	91	1388710	51.710	ug/l	100
90) Hexachloroethane	12.59	117	279311	50.935	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	839443	50.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	142458	46.211	ug/l	99

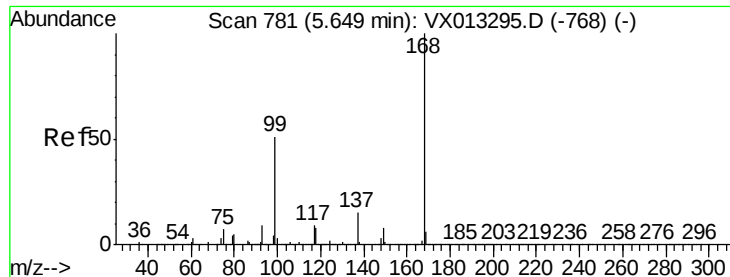
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110119\
Data File : VX013317.D
Acq On : 01 Nov 2019 17:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 04 00:32:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	585595	50.956	ug/l	99
94) Hexachlorobutadiene	13.77	225	276012	49.092	ug/l	99
95) Naphthalene	13.83	128	1903268	52.786	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	587047	50.936	ug/l	100

(#) = 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: VX013317.D

Acq: 01 Nov 2019 17:29

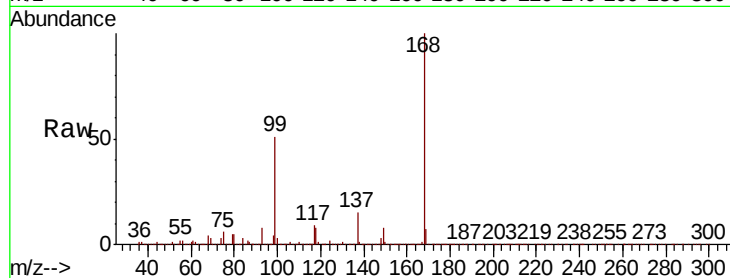
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 739272

Ion Ratio Lower Upper

168 100

99 51.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

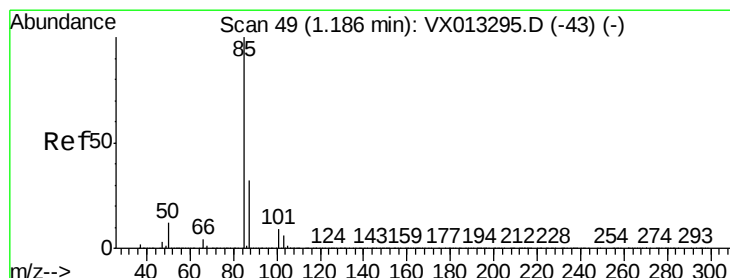
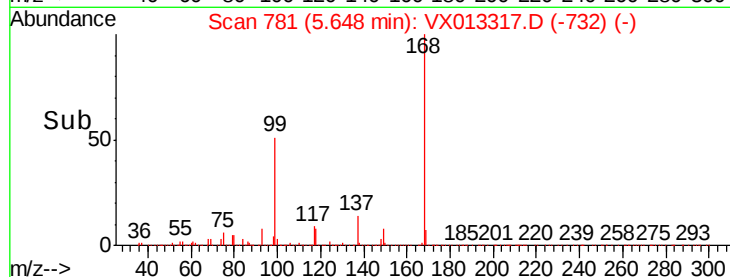
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.653 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013317.D

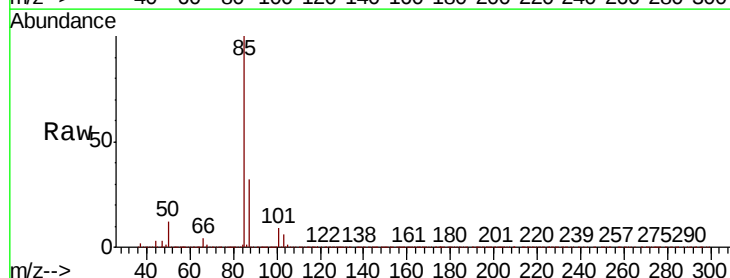
Acq: 01 Nov 2019 17:29

Tgt Ion: 85 Resp: 422940

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

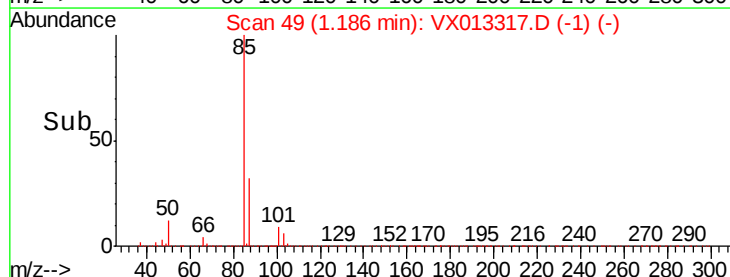
300000

200000

100000

0

Time-->





#3

Chloromethane

Concen: 49.228 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

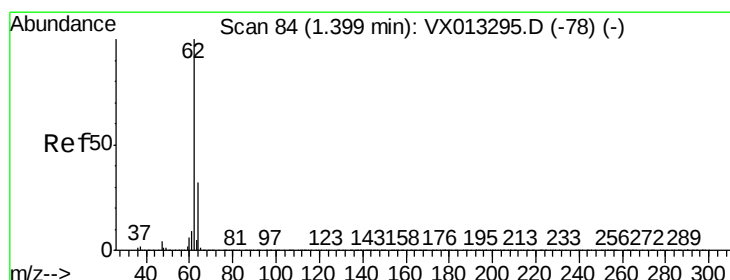
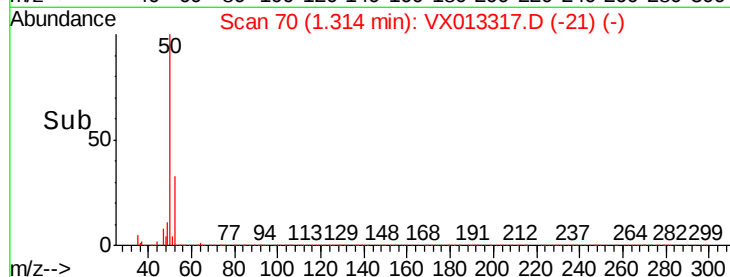
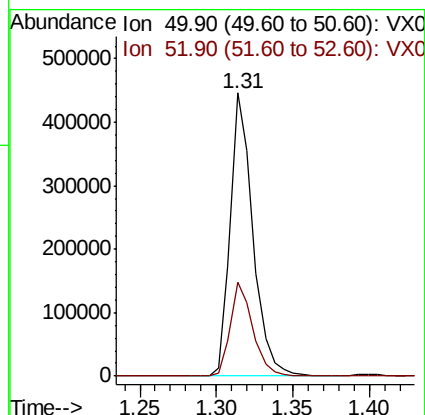
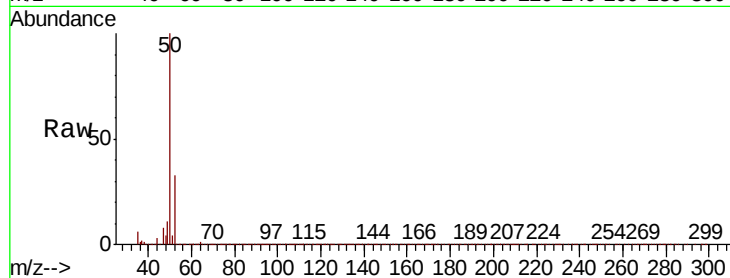
ClientSampleId :

Tot Ion: 50 Resp: 454727

Ion Ratio Lower Upper

50 100

52 33.3 25.5 38.3



#4

Vinyl Chloride

Concen: 50.334 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013317.D

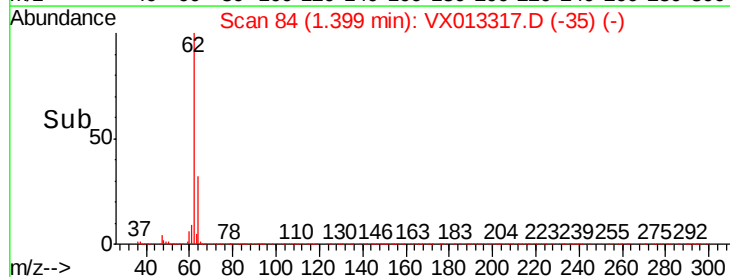
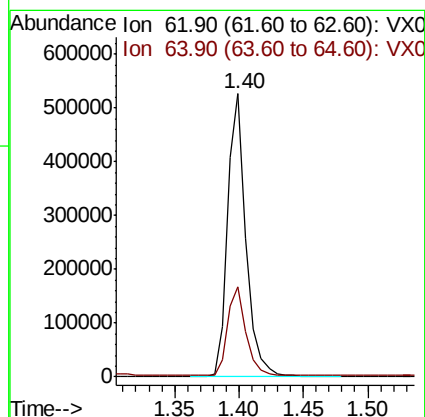
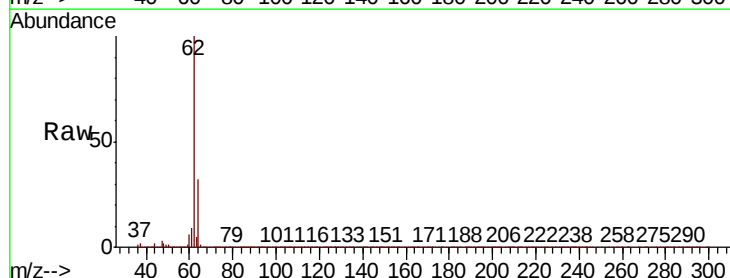
Acq: 01 Nov 2019 17:29

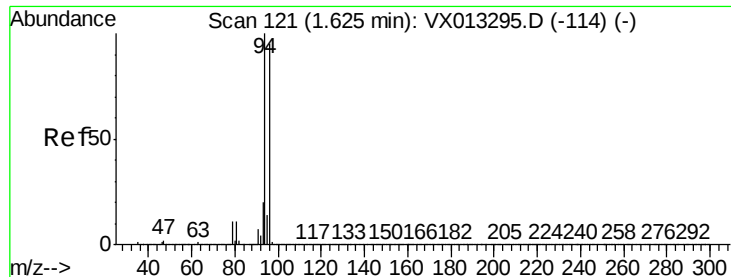
Tgt Ion: 62 Resp: 529323

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 42.744 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

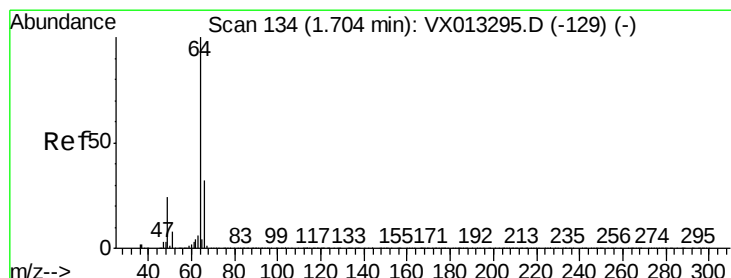
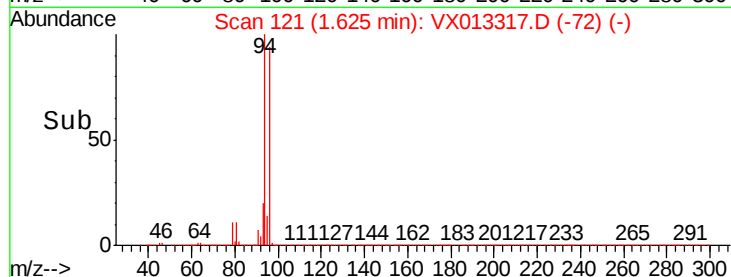
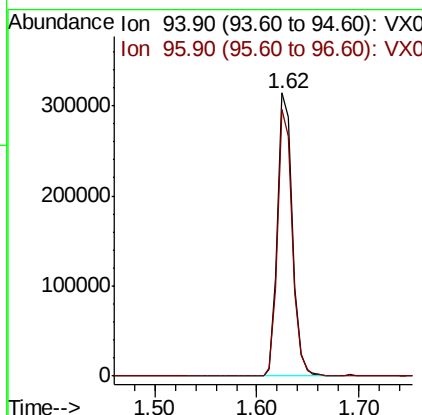
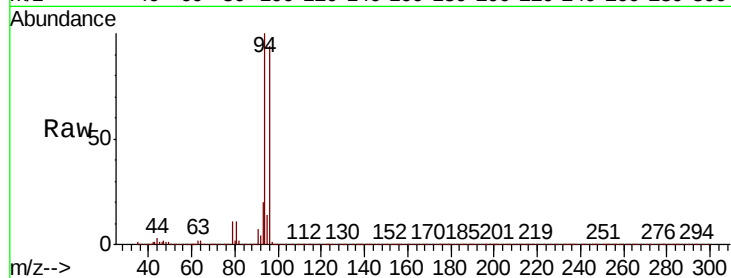
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 313243

Ion Ratio Lower Upper

94 100

96 94.2 75.8 113.8



#6

Chloroethane

Concen: 47.665 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013317.D

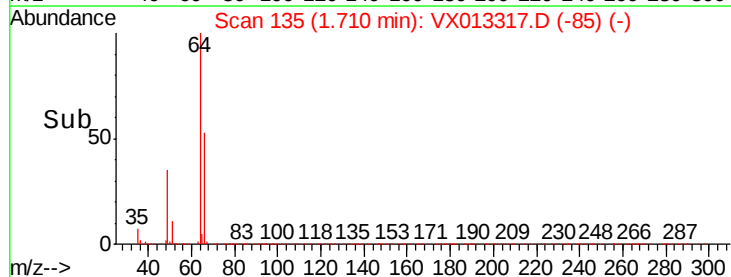
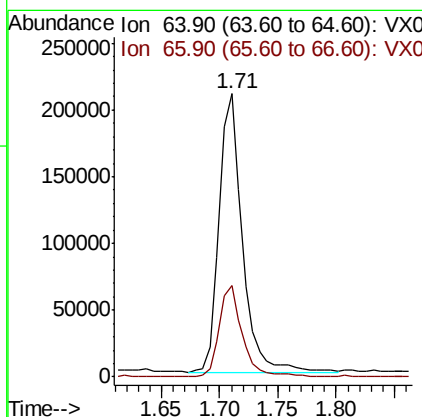
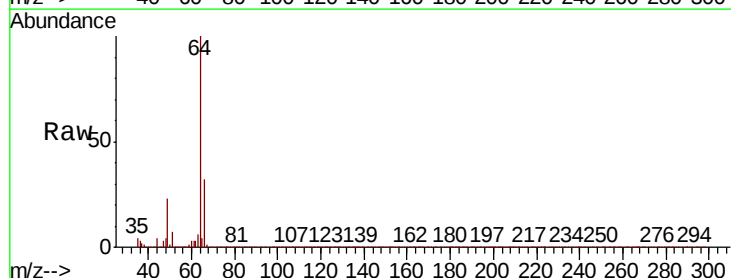
Acq: 01 Nov 2019 17:29

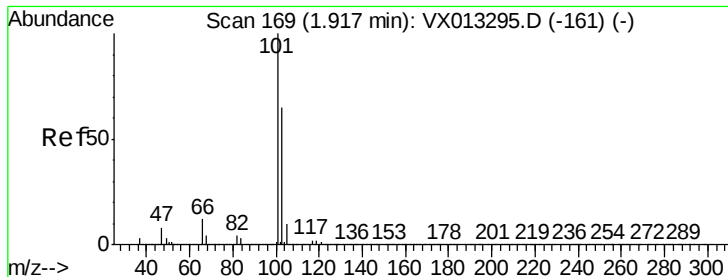
Tgt Ion: 64 Resp: 286868

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4



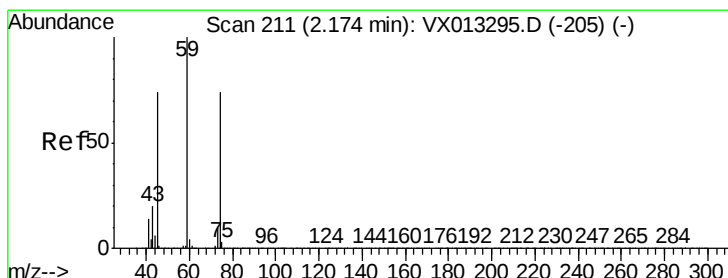
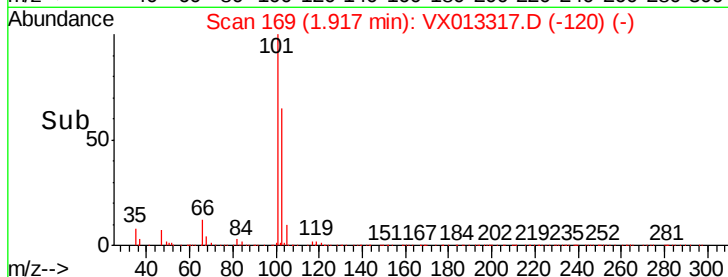
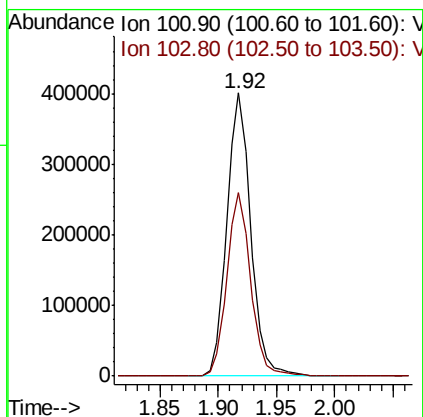
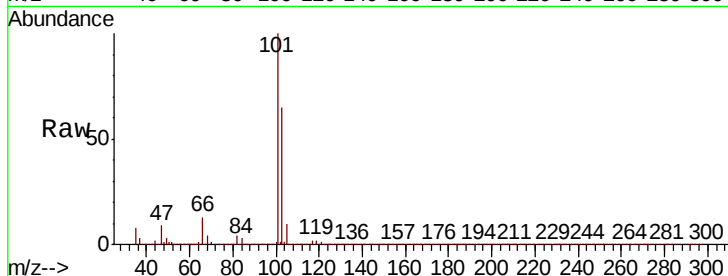


#7

Trichlorofluoromethane
Concen: 45.892 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :

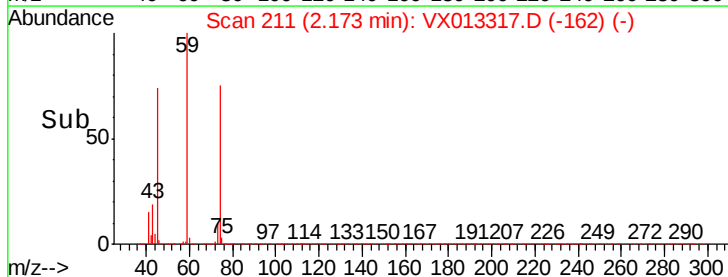
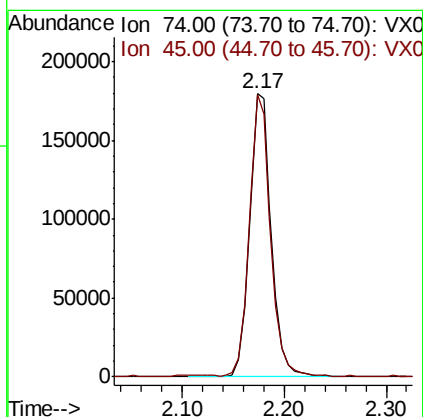
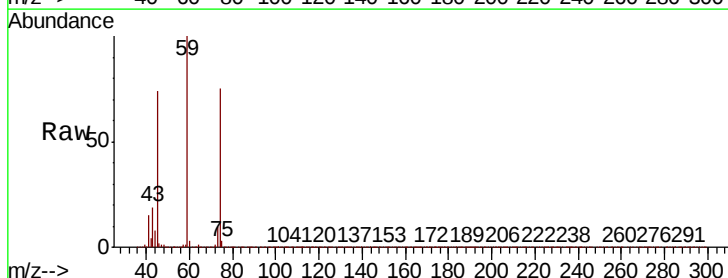
Tot Ion:101 Resp: 570173
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

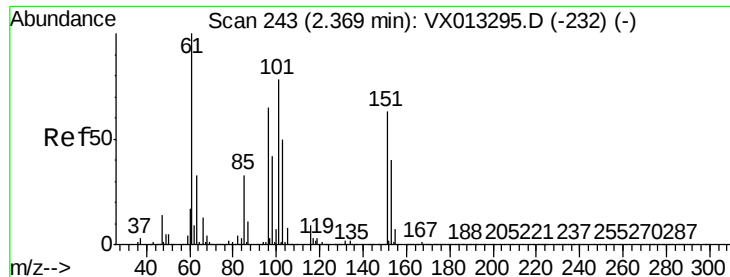


#8

Diethyl Ether
Concen: 48.247 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 74 Resp: 265077
Ion Ratio Lower Upper
74 100
45 96.9 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.119 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

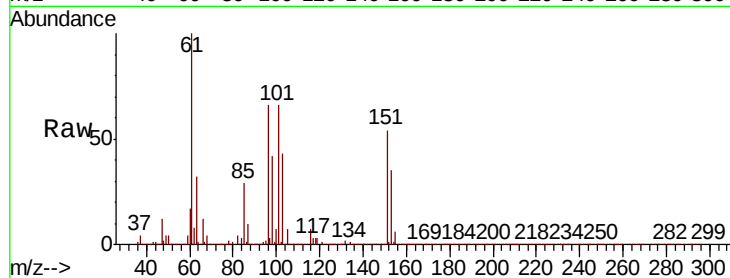
Tot Ion:101 Resp: 333212

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

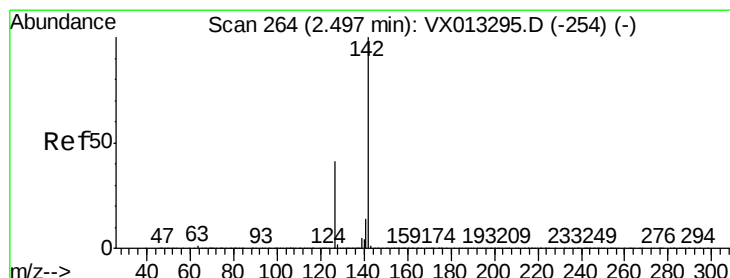
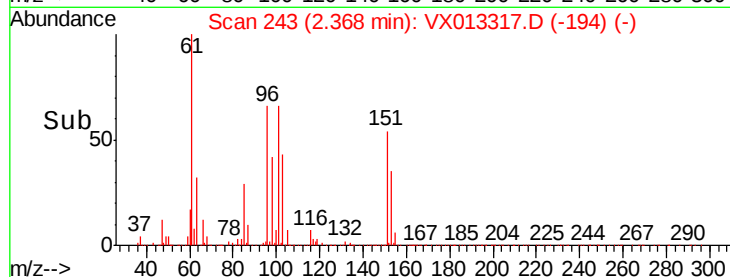
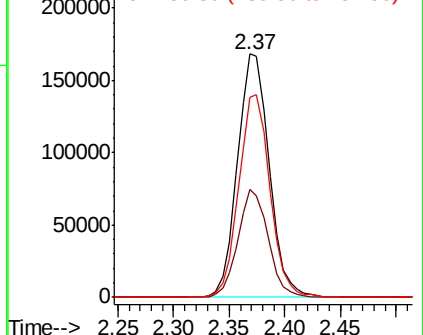
151 82.0 66.4 99.6



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: 43.279 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

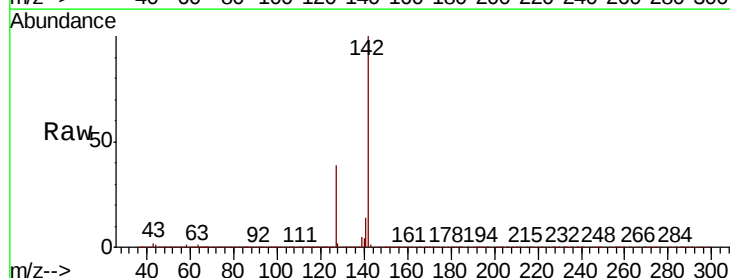
Tgt Ion:142 Resp: 371053

Ion Ratio Lower Upper

142 100

127 39.4 32.6 49.0

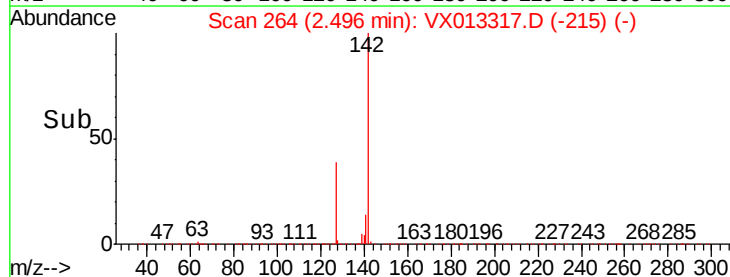
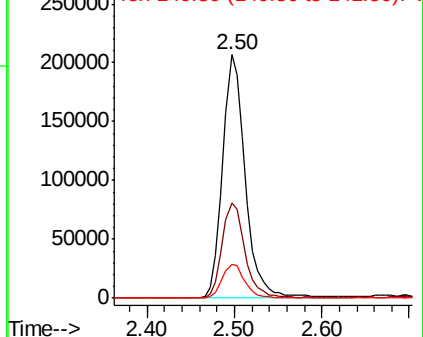
141 14.0 11.6 17.4

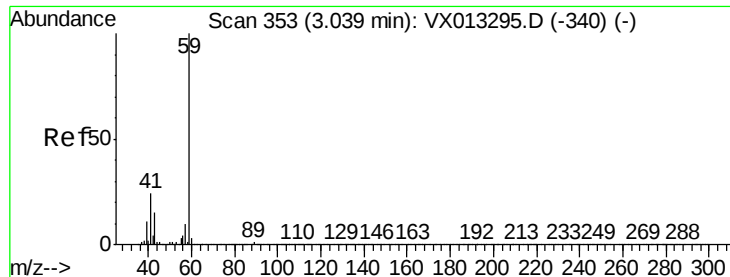


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



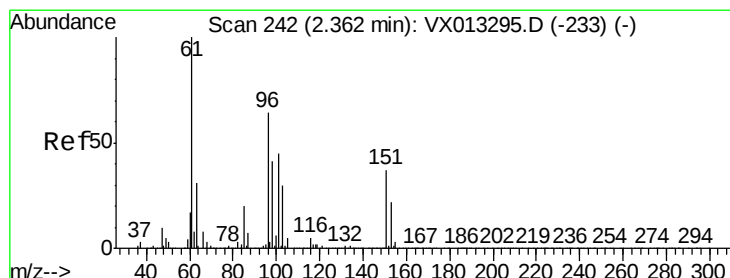
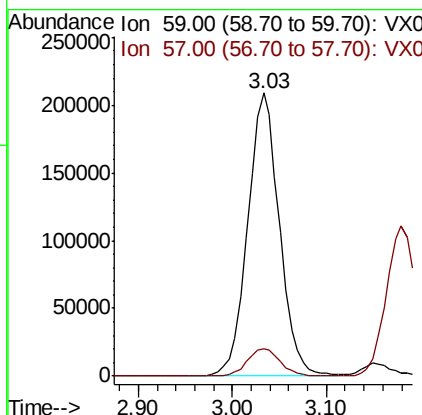
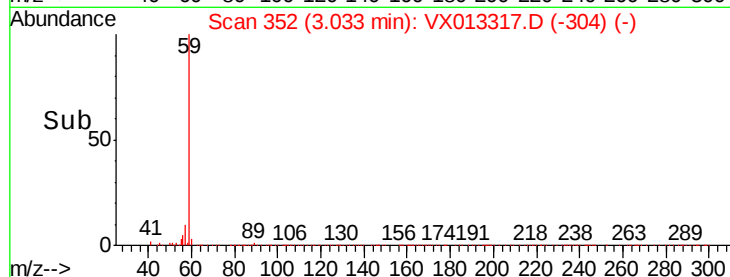
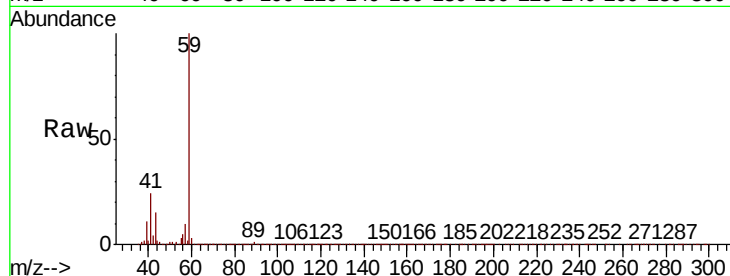


#11

Tert butyl alcohol
Concen: 213.506 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :

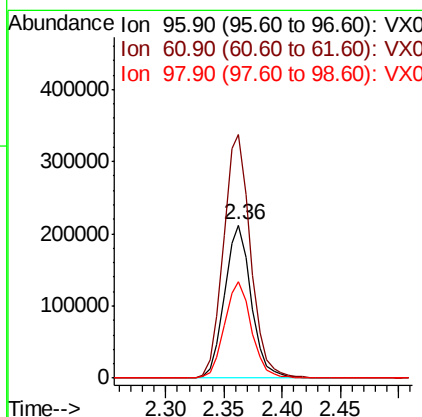
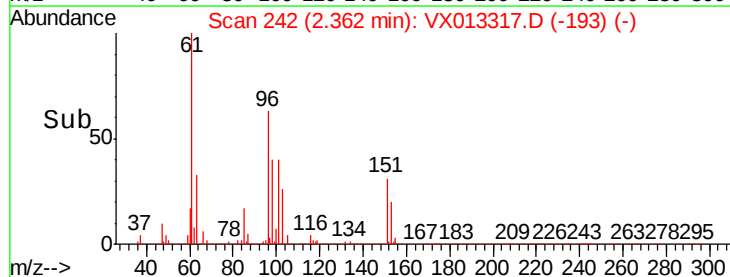
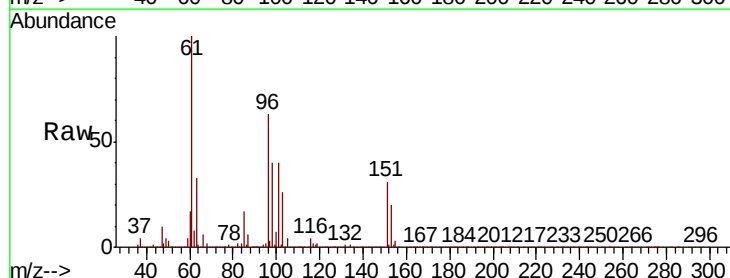
Tot Ion: 59 Resp: 492857
Ion Ratio Lower Upper
59 100
57 9.9 8.0 12.0

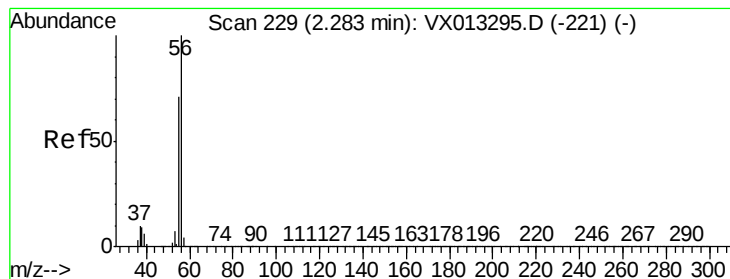


#12

1,1-Dichloroethene
Concen: 49.180 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 96 Resp: 333503
Ion Ratio Lower Upper
96 100
61 159.5 125.0 187.6
98 63.1 50.7 76.1





#13

Acrolein

Concen: 220.075 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

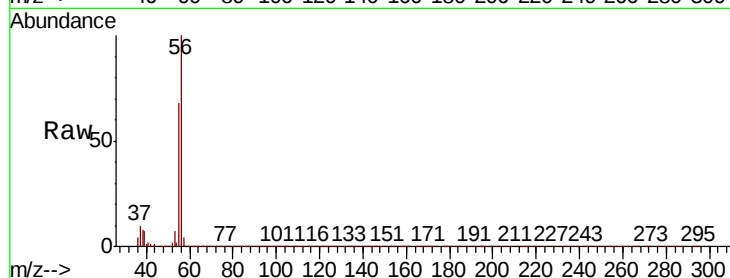
ClientSampleId :

Tot Ion: 56 Resp: 275333

Ion Ratio Lower Upper

56 100

55 70.6 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

200000

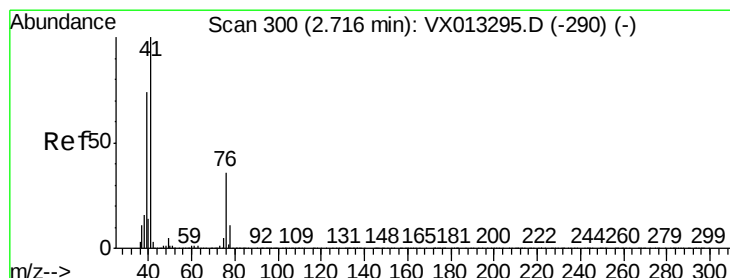
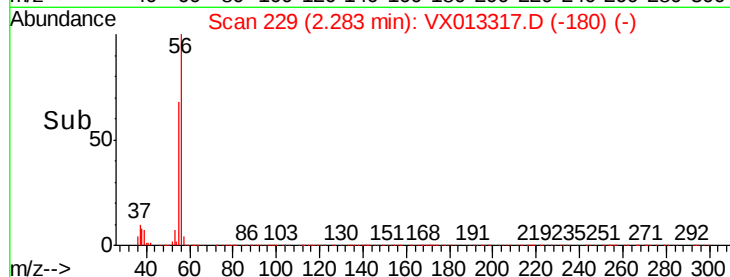
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 49.723 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

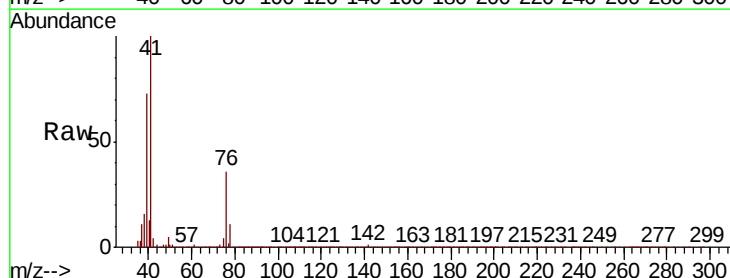
Tgt Ion: 41 Resp: 612648

Ion Ratio Lower Upper

41 100

39 67.8 55.8 83.8

76 32.8 26.4 39.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

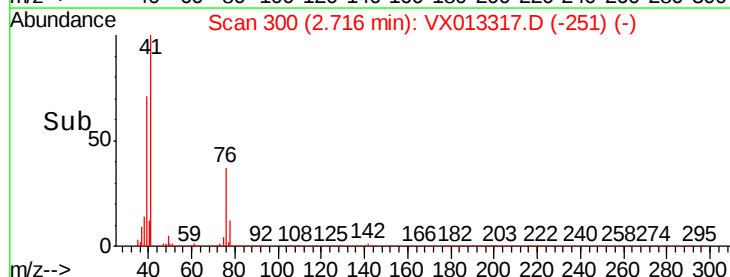
600000

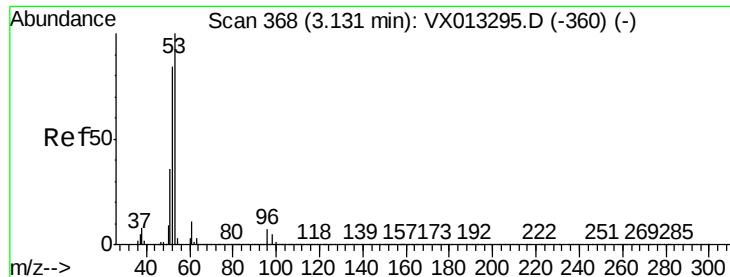
400000

200000

0

Time-->





#15

Acrylonitrile

Concen: 249.272 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

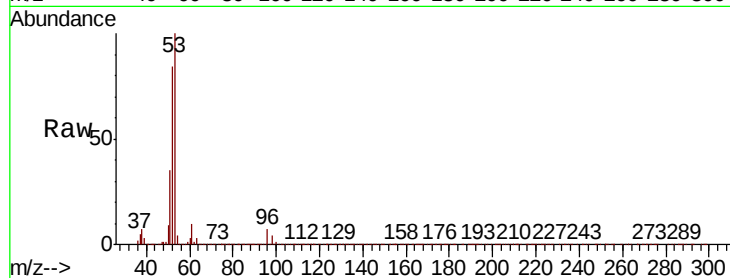
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 1074859

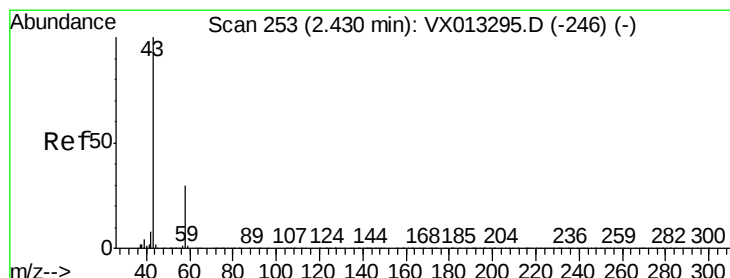
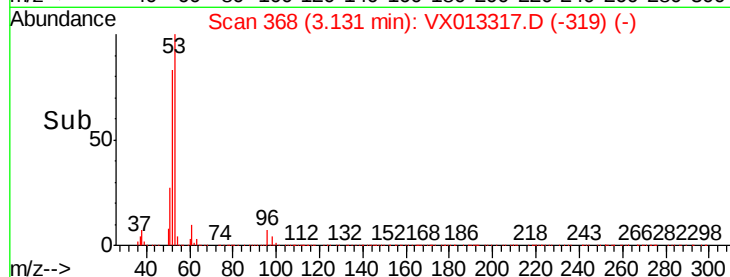
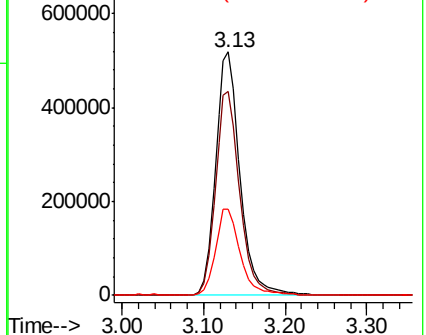
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.4	101.0
51	36.3	29.4	44.2



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: 242.910 ug/l

RT: 2.43 min Scan# 253

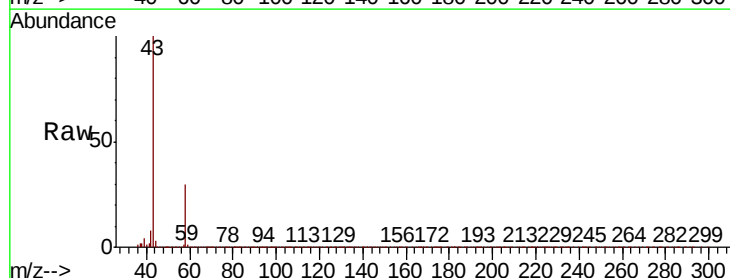
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

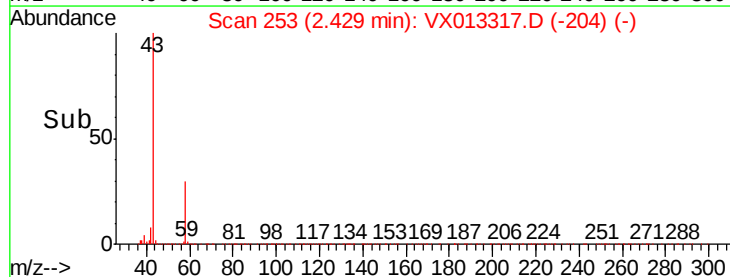
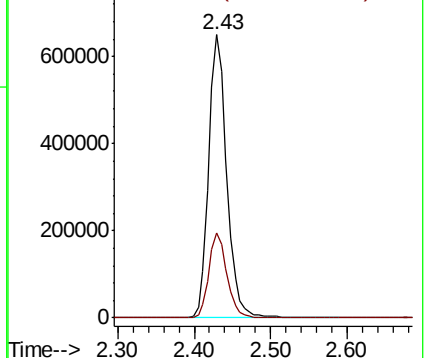
Tgt Ion: 43 Resp: 1061143

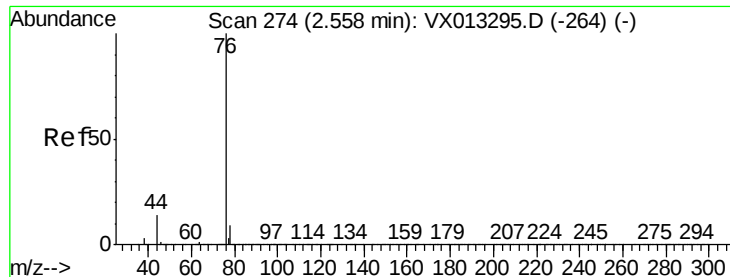
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.055 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

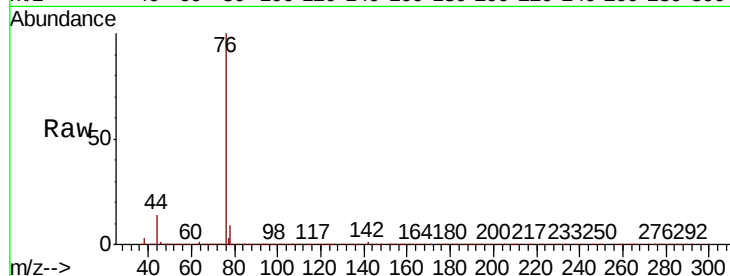
ClientSampled :

Tot Ion: 76 Resp: 890355

Ion Ratio Lower Upper

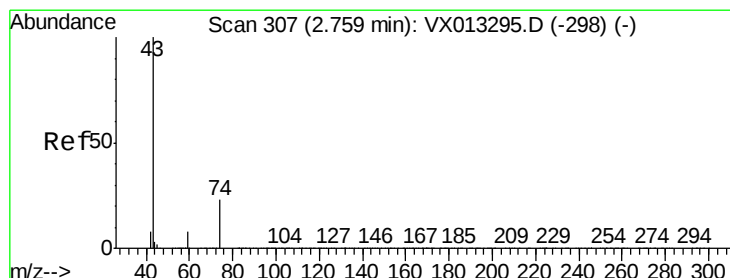
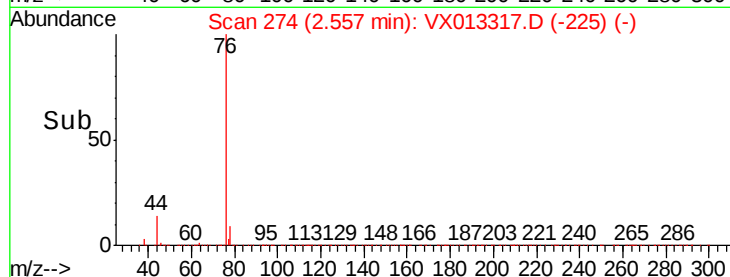
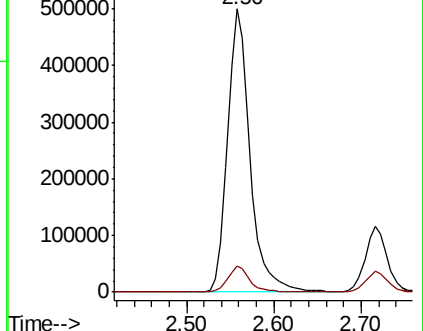
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.116 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013317.D

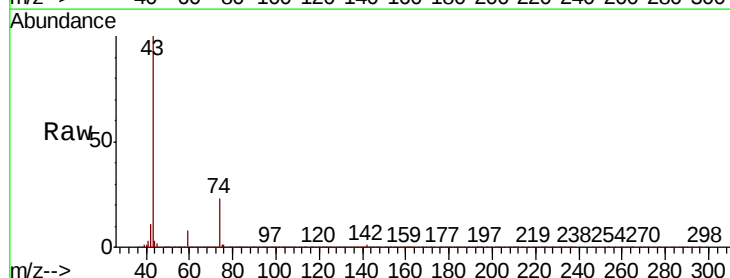
Acq: 01 Nov 2019 17:29

Tgt Ion: 43 Resp: 592356

Ion Ratio Lower Upper

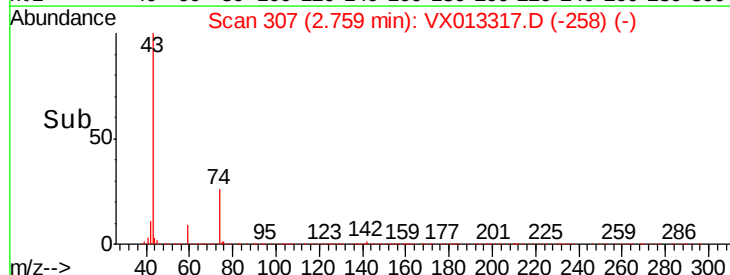
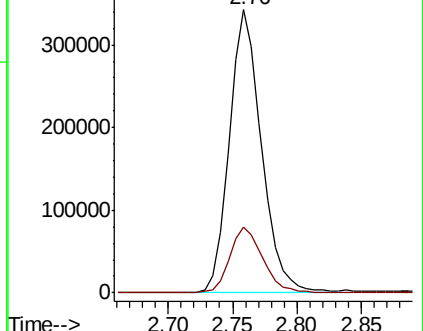
43 100

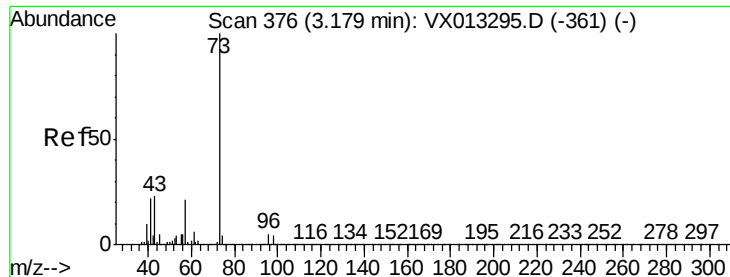
74 24.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

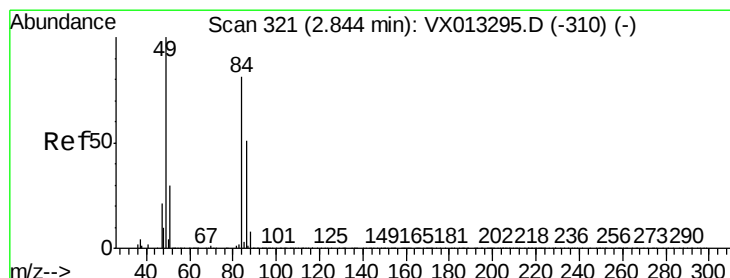
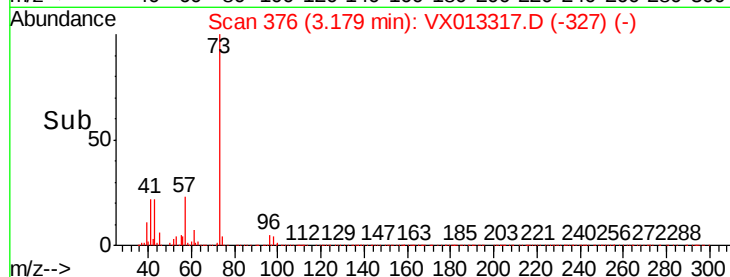
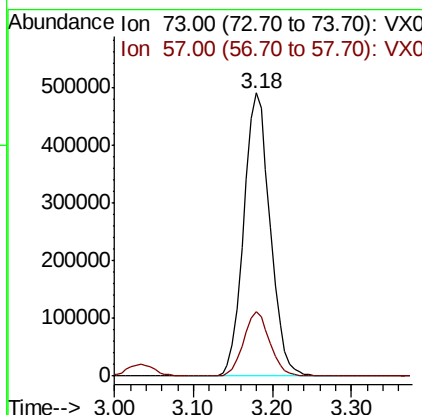
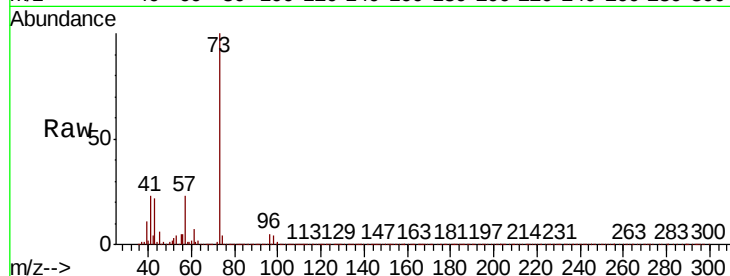




#19
Methyl tert-butyl Ether
Concen: 50.206 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

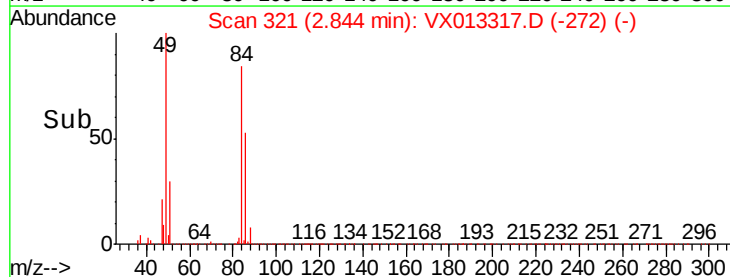
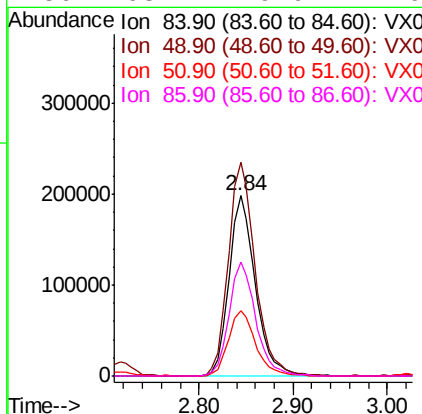
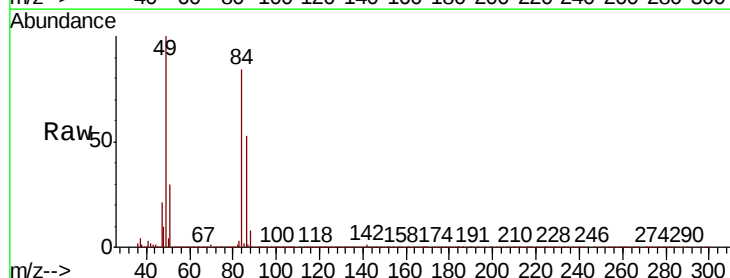
Instrument :
MSVOA_X
ClientSampled :

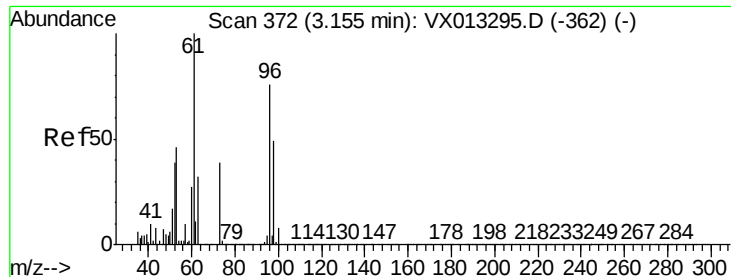
Tot Ion: 73 Resp: 113546
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7



#20
Methylene Chloride
Concen: 47.527 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 84 Resp: 383603
Ion Ratio Lower Upper
84 100
49 118.4 98.2 147.4
51 36.0 29.9 44.9
86 63.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.861 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

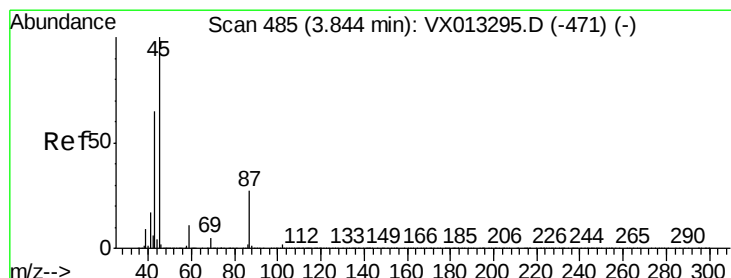
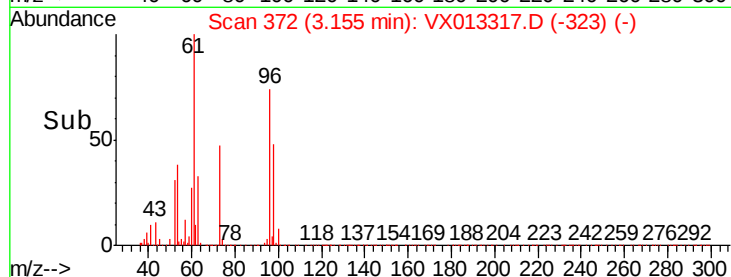
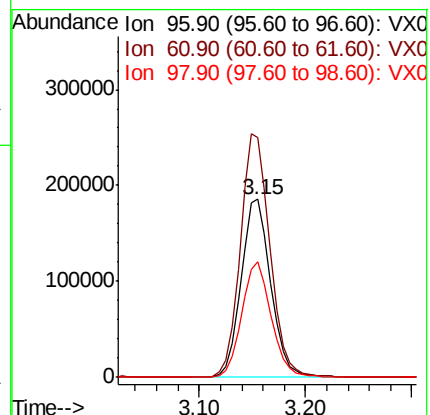
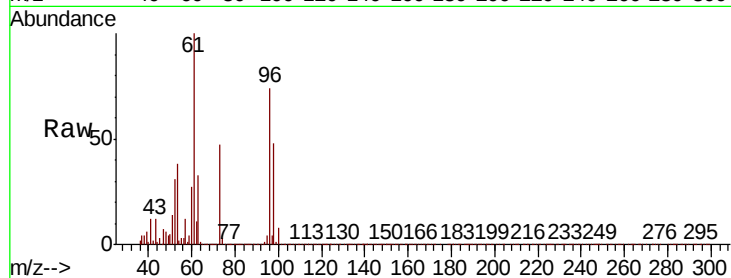
Tot Ion: 96 Resp: 360762

Ion Ratio Lower Upper

96 100

61 134.8 105.8 158.6

98 65.1 51.8 77.6



#22

Diisopropyl ether

Concen: 51.038 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion: 45 Resp: 1214078

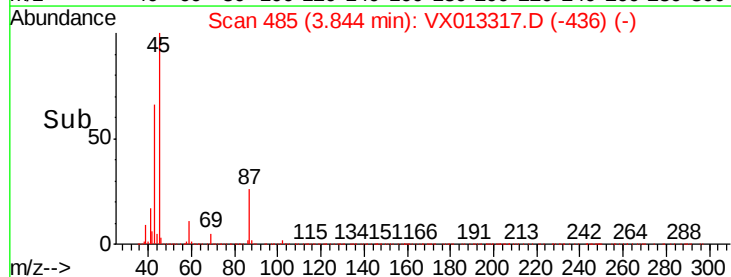
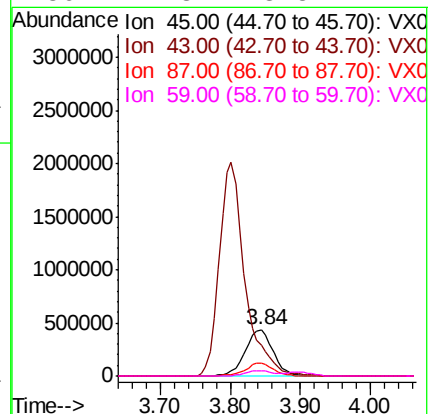
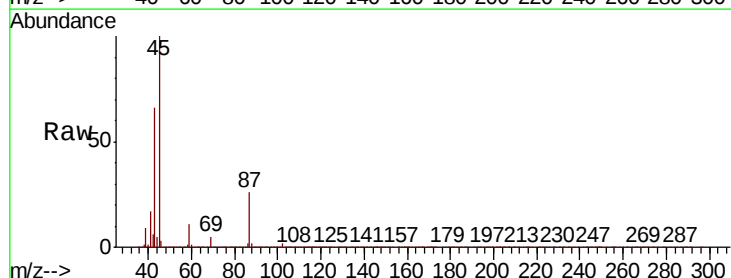
Ion Ratio Lower Upper

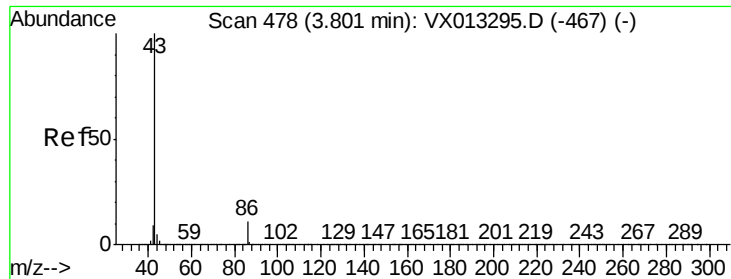
45 100

43 65.7 54.2 81.2

87 26.3 21.8 32.8

59 11.3 8.5 12.7

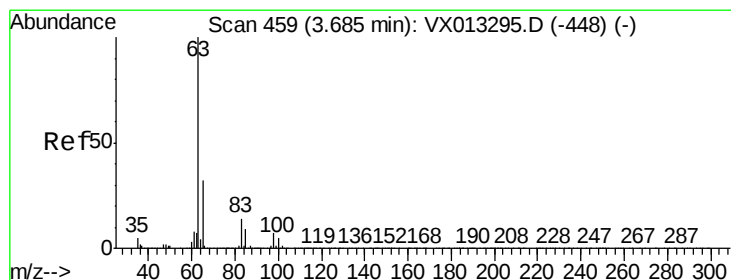
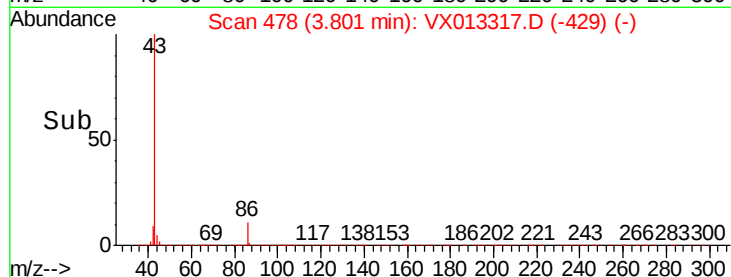
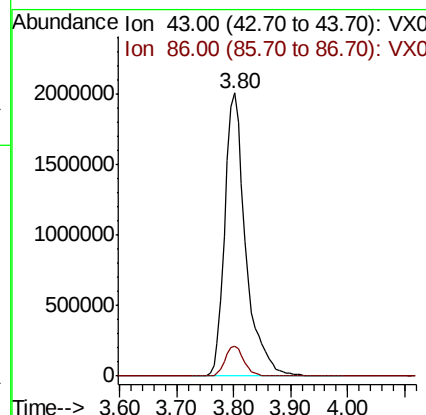
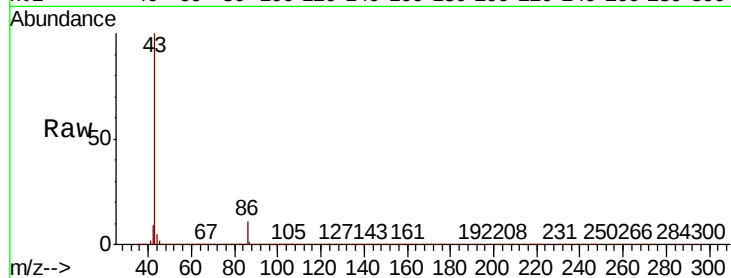




#23
 Vinyl Acetate
 Concen: 252.484 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

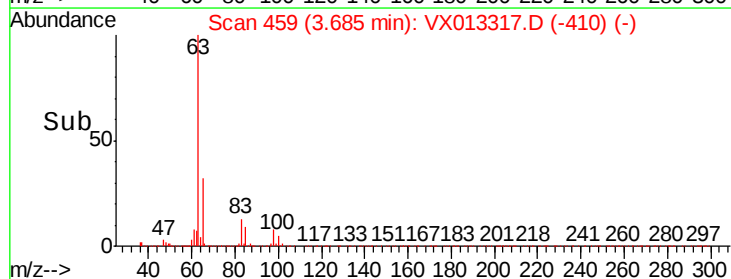
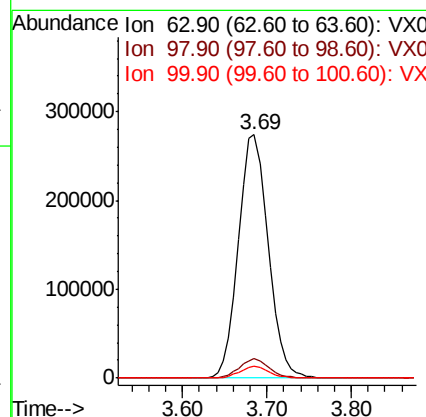
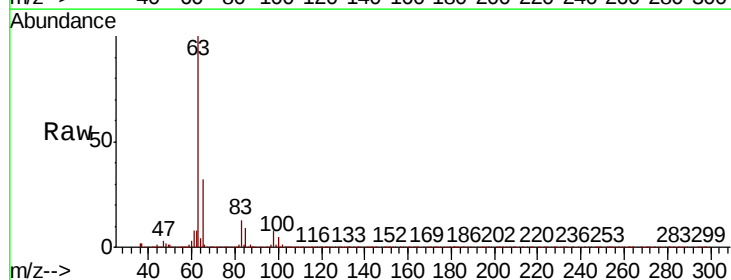
Instrument :
 MSVOA_X
 ClientSampled :

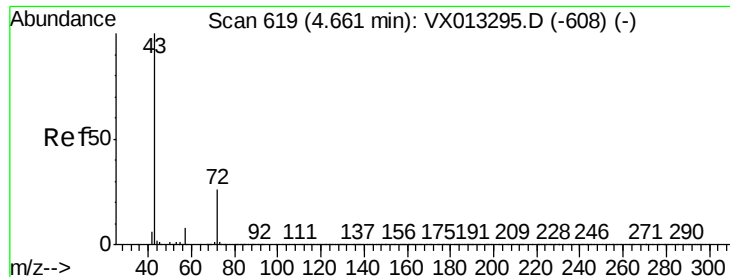
Tot Ion: 43 Resp: 5139287
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.275 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion: 63 Resp: 655693
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.4
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 248.721 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

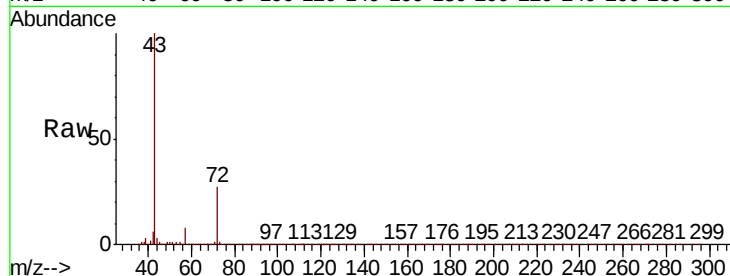
ClientSampled :

Tot Ion: 43 Resp: 1593956

Ion Ratio Lower Upper

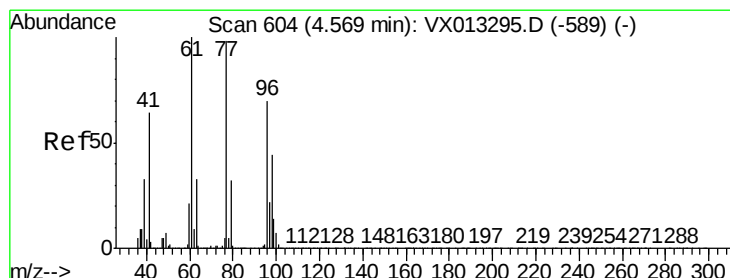
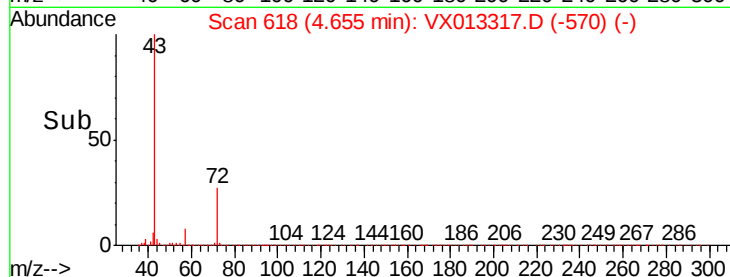
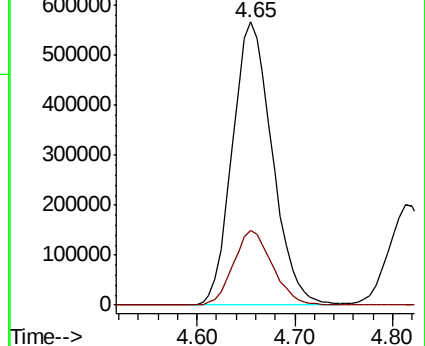
43 100

72 26.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.009 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013317.D

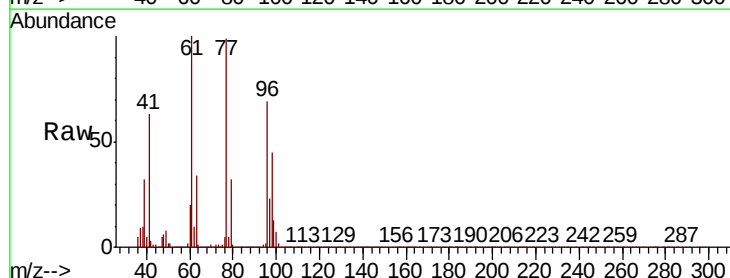
Acq: 01 Nov 2019 17:29

Tgt Ion: 77 Resp: 529399

Ion Ratio Lower Upper

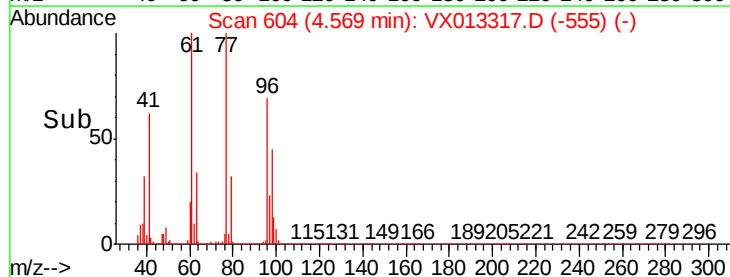
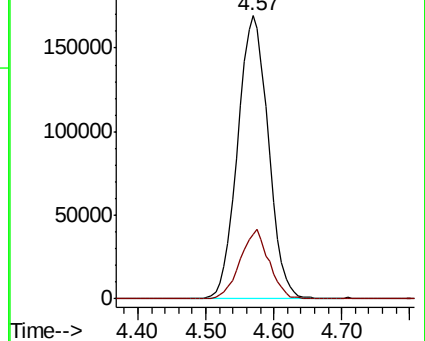
77 100

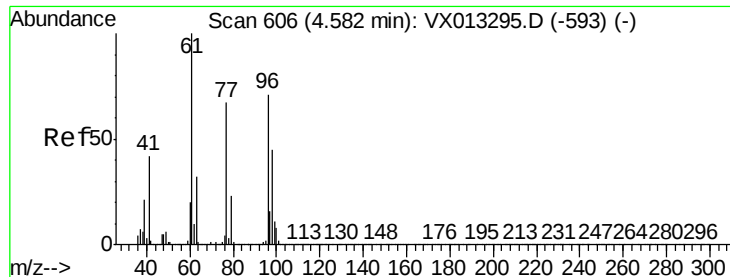
97 23.1 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



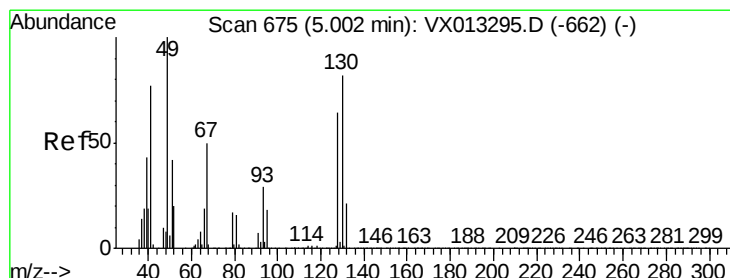
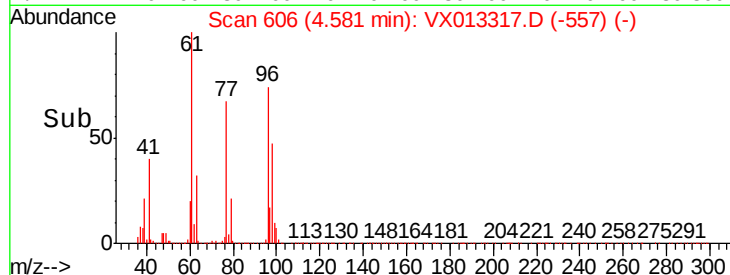
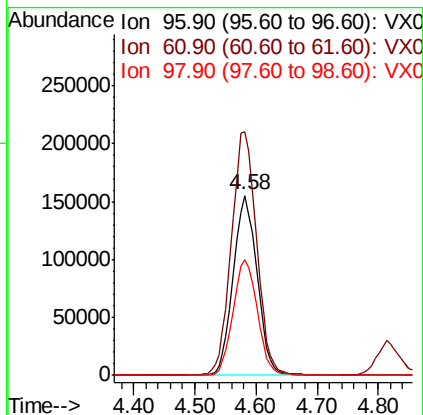
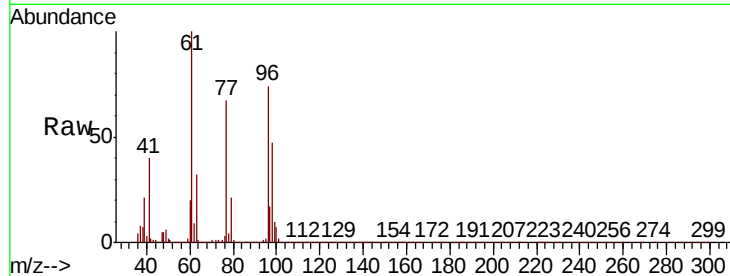


#27

cis-1,2-Dichloroethene
Concen: 50.555 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampled :

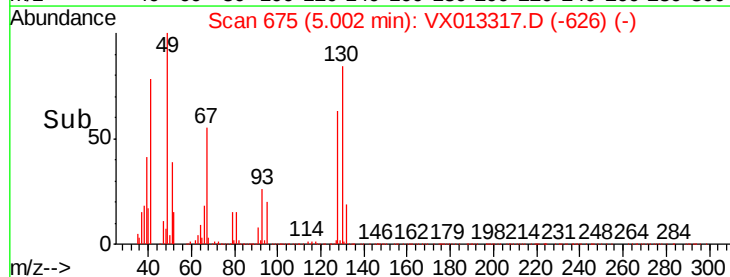
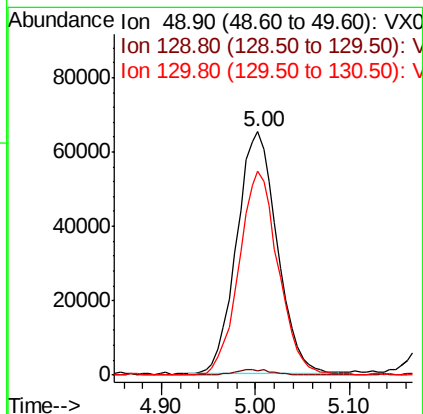
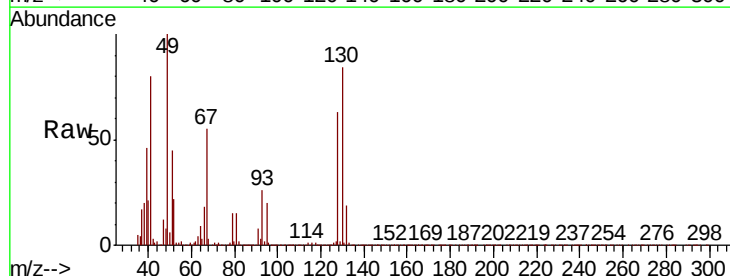
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	288.0
98	65.3	0.0	129.6

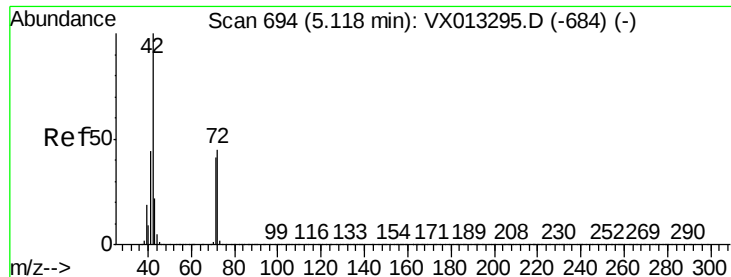


#28

Bromochloromethane
Concen: 51.971 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	81.2	63.8	95.6

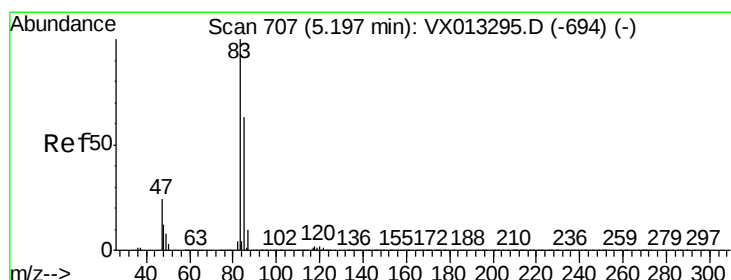
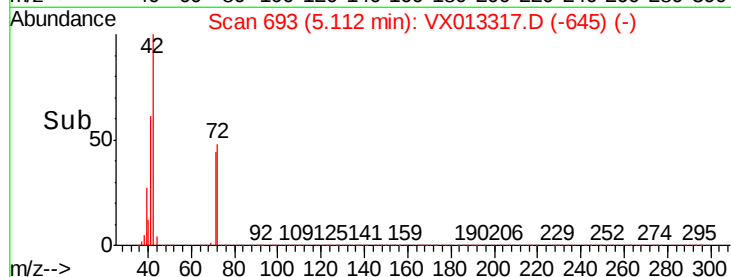
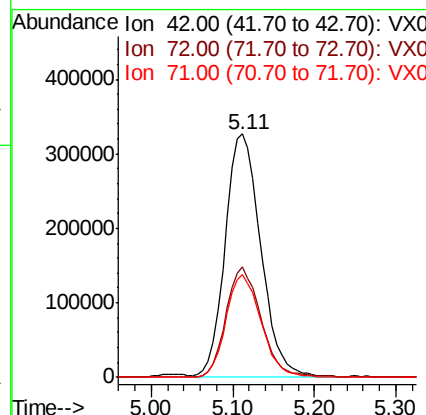
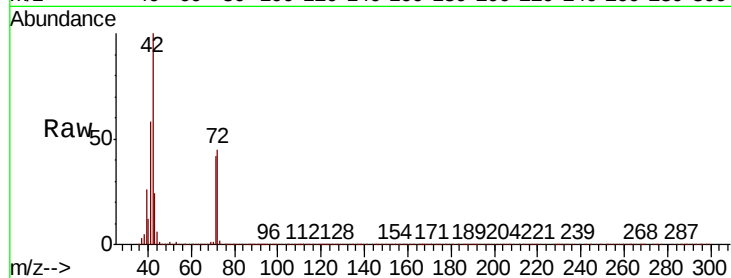




#29
Tetrahydrofuran
Concen: 248.319 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

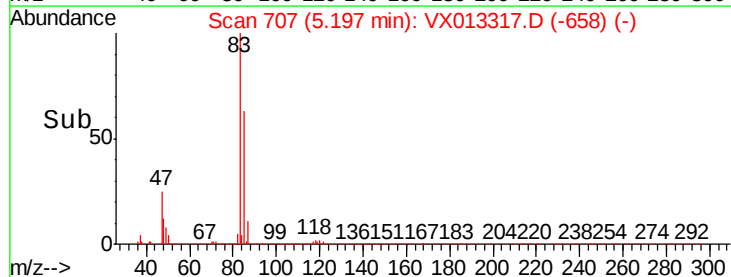
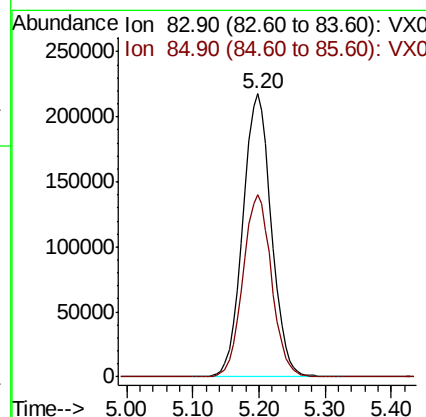
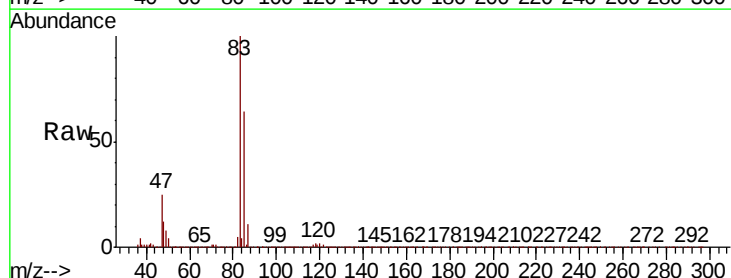
Instrument :
MSVOA_X
ClientSampleId :

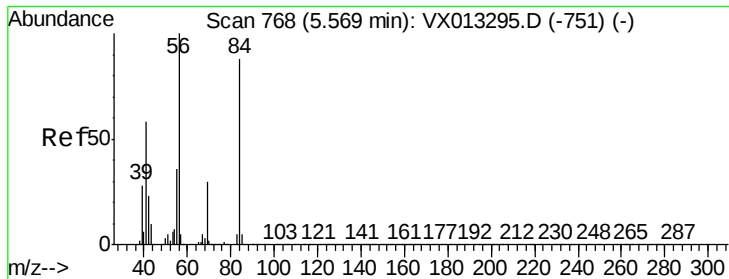
Tot Ion: 42 Resp: 980672
Ion Ratio Lower Upper
42 100
72 45.0 35.8 53.8
71 41.9 33.4 50.0



#30
Chloroform
Concen: 49.475 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 83 Resp: 650089
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4

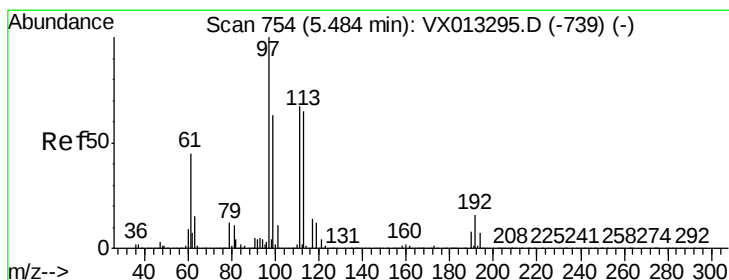
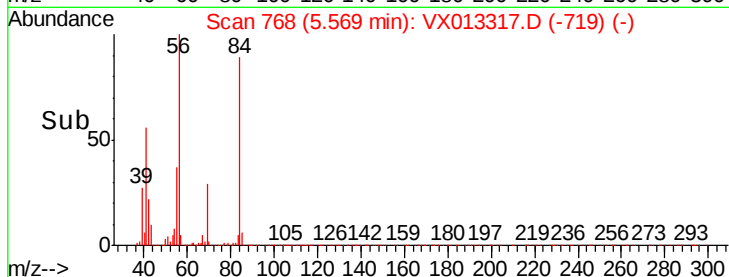
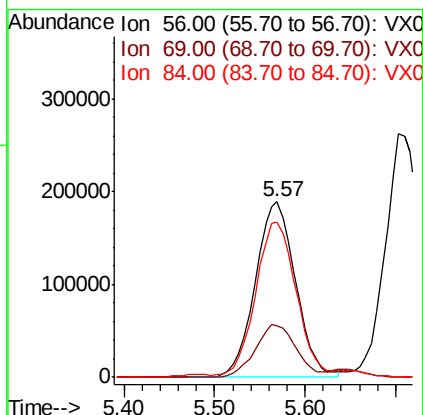
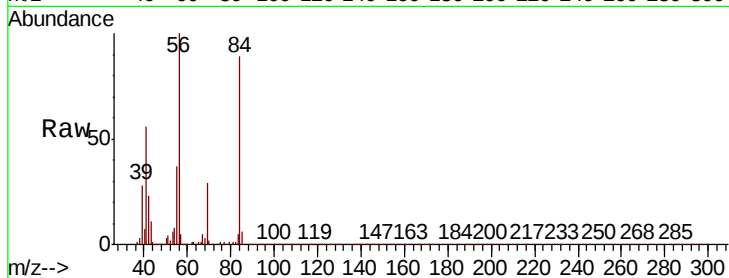




#31
Cyclohexane
Concen: 48.137 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

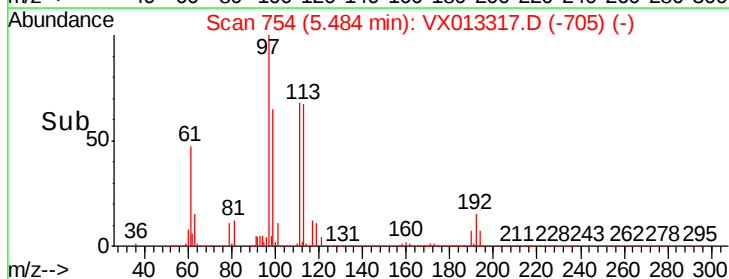
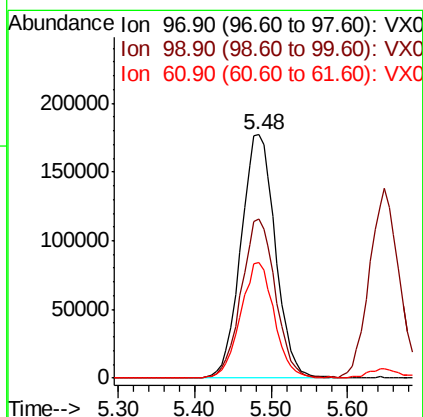
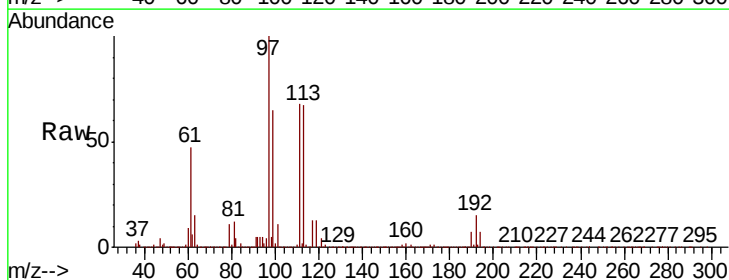
Instrument :
MSVOA_X
ClientSampleId :

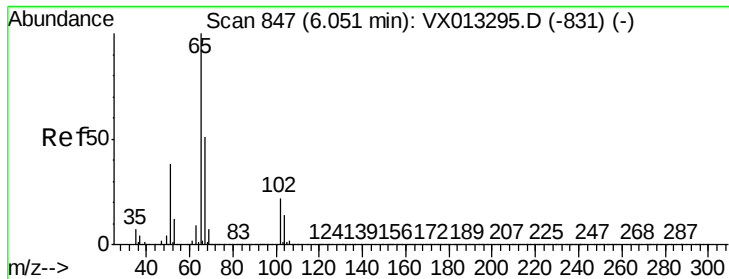
Tot Ion: 56 Resp: 576394
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 87.3 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 48.740 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 97 Resp: 551157
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 46.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 46.647 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

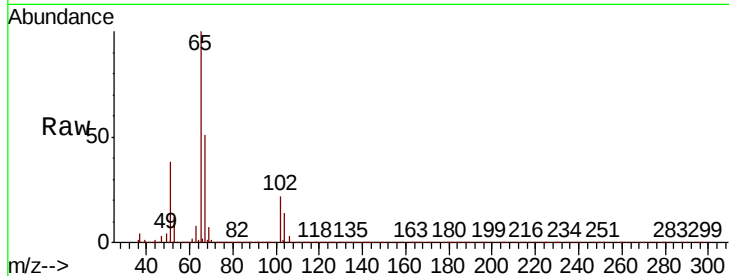
ClientSampleId :

Tot Ion: 65 Resp: 408542

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

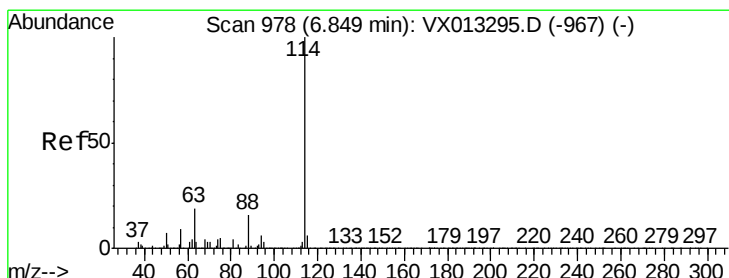
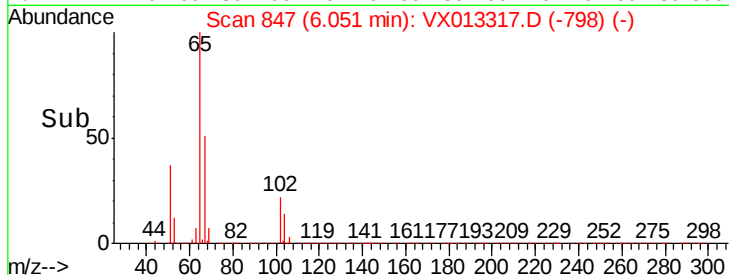
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

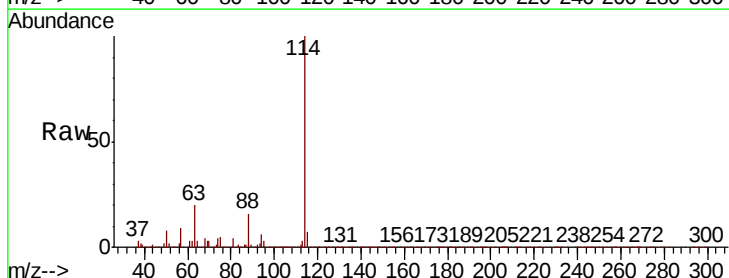
Tgt Ion: 114 Resp: 1124996

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 15.7 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

600000

500000

400000

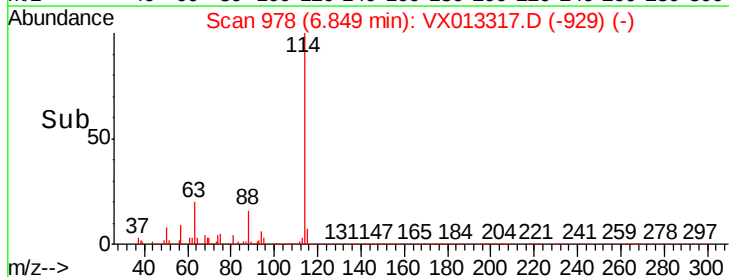
300000

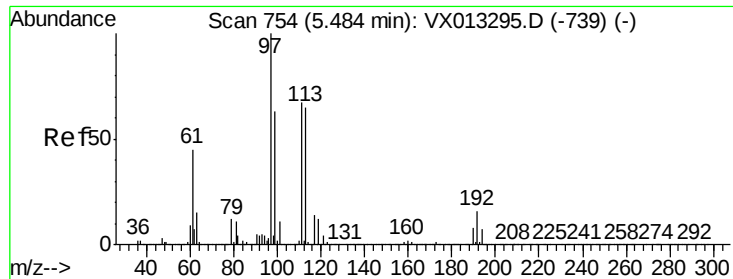
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

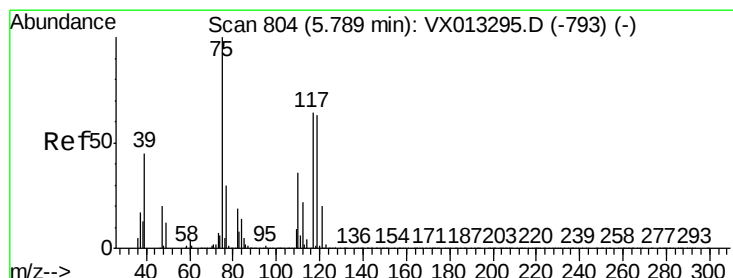
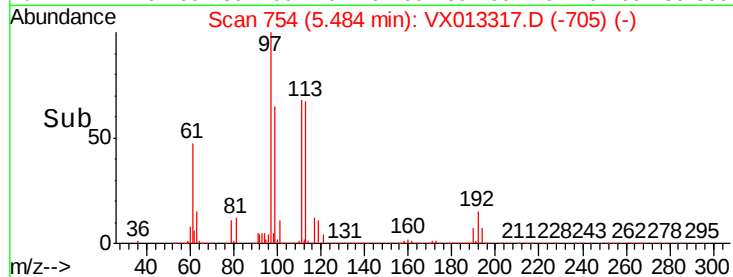
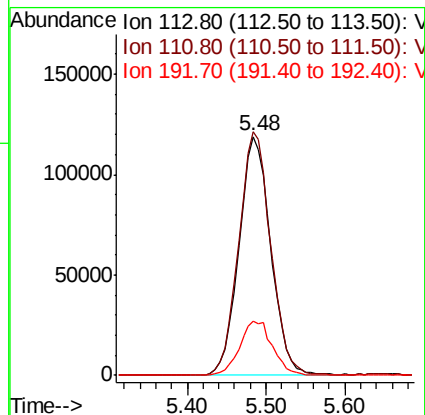
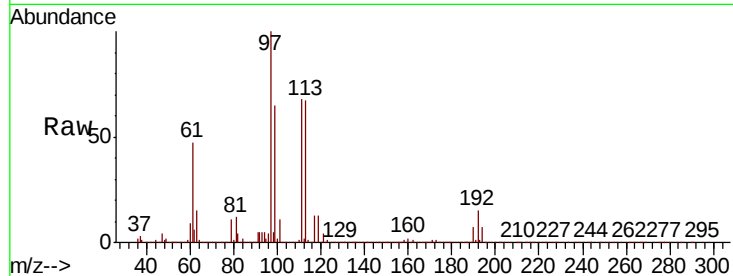




#35
 Dibromofluoromethane
 Concen: 47.074 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

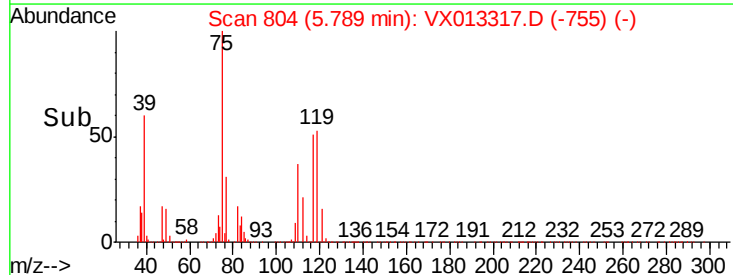
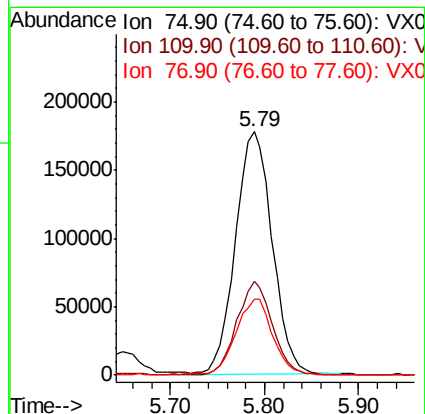
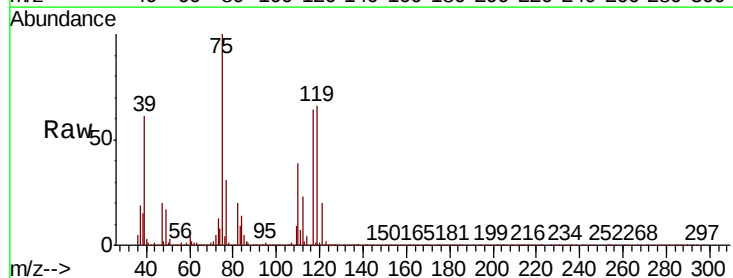
Instrument :
 MSVOA_X
 ClientSampleId :

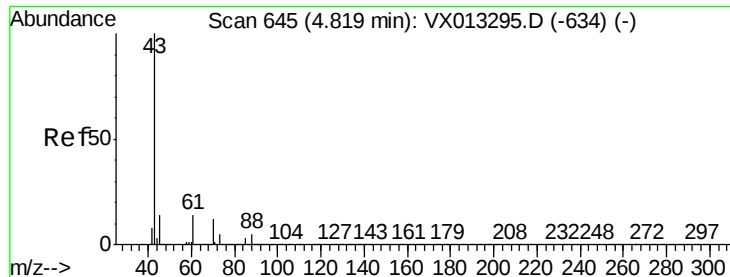
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	23.4	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 49.858 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.1	54.1
77	31.1	25.0	37.4

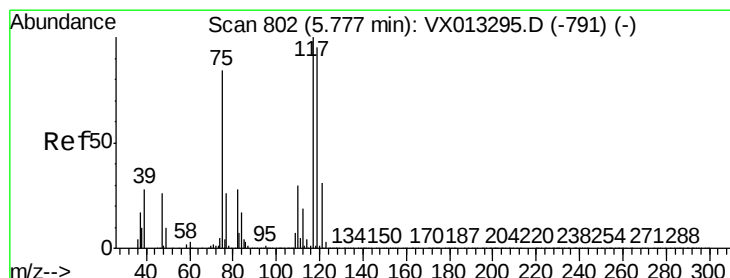
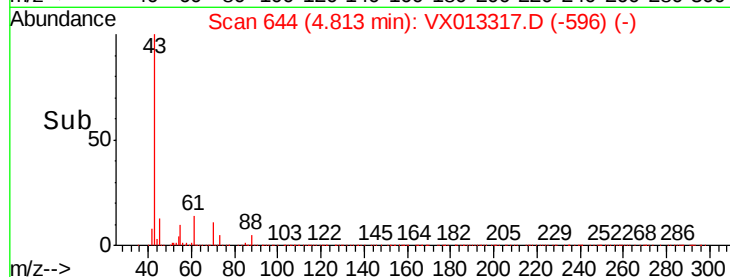
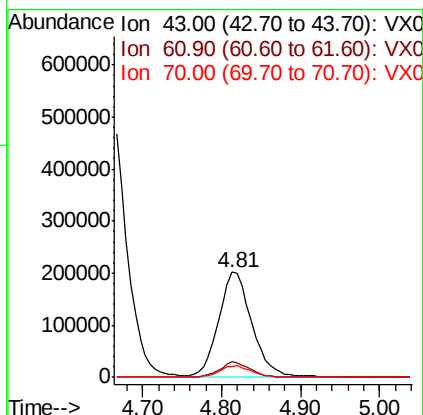
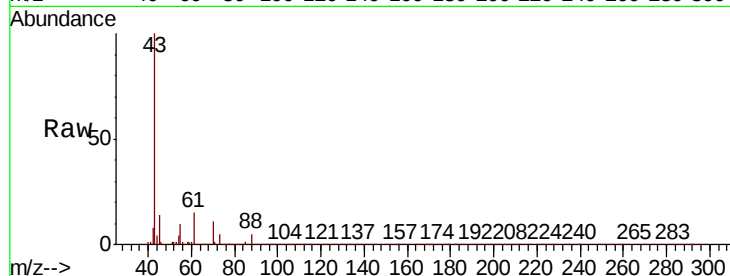




#37
Ethyl Acetate
Concen: 49.142 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

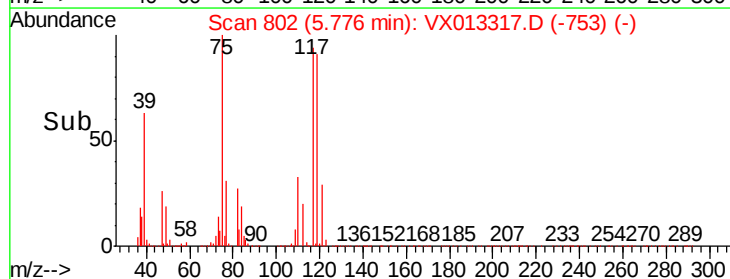
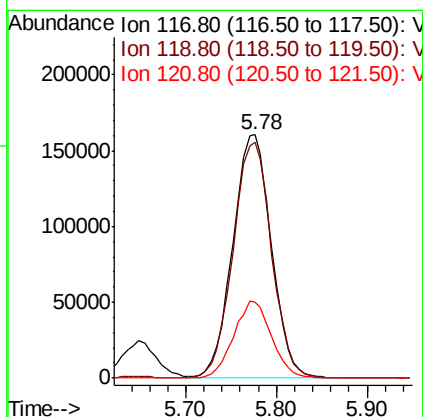
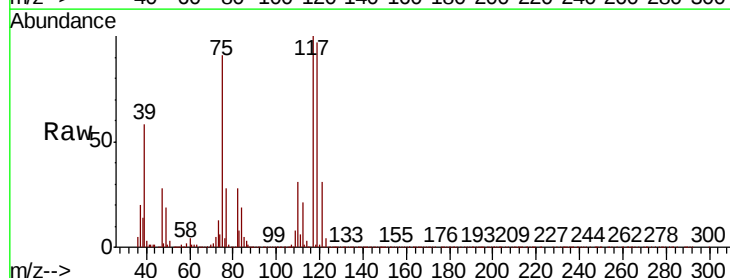
Instrument :
MSVOA_X
ClientSampled :

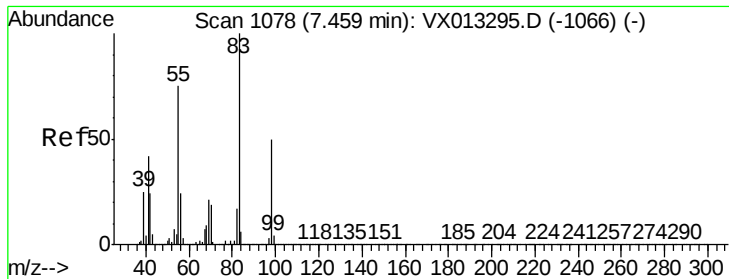
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	10.5	8.7	13.1



#38
Carbon Tetrachloride
Concen: 49.867 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.1	114.1
121	30.8	24.6	37.0

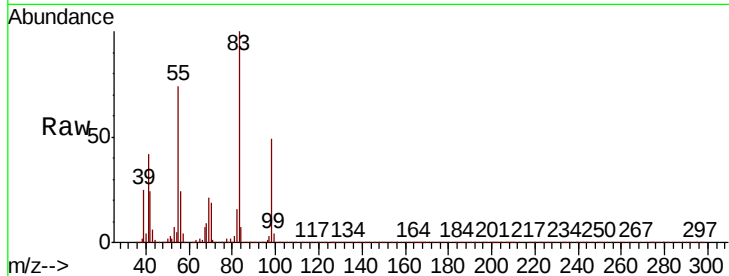




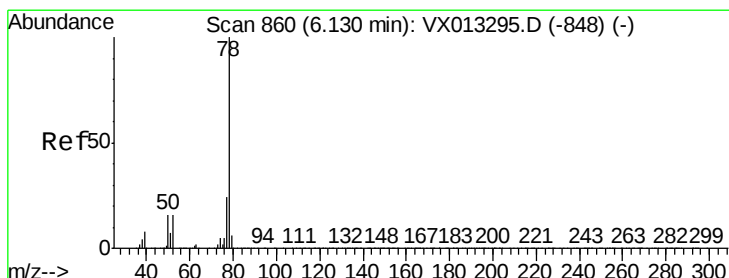
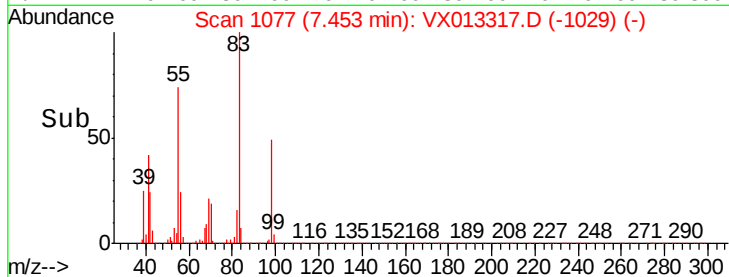
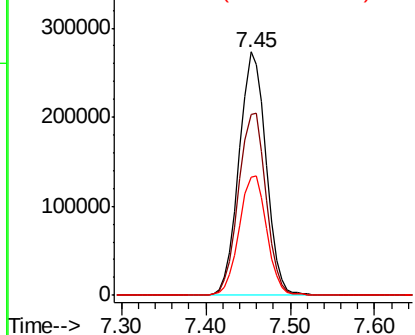
#39
Methvlcvclohexane
Concen: 49.072 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.3	90.5
98	48.6	40.3	60.5

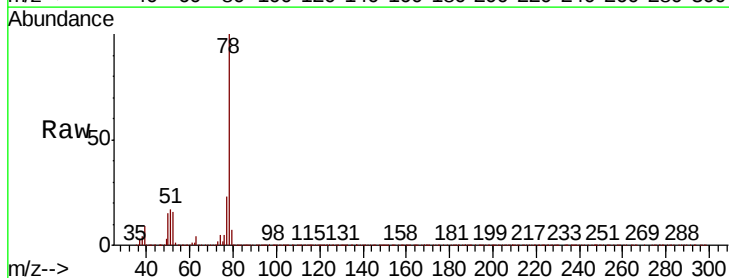


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

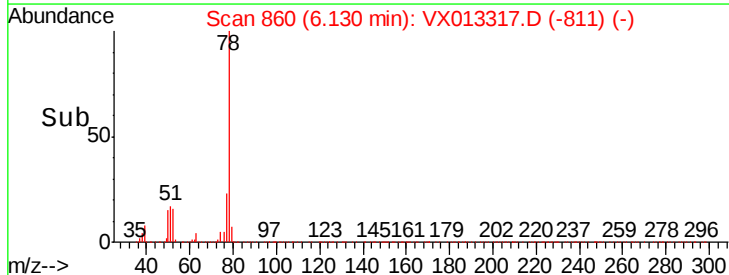
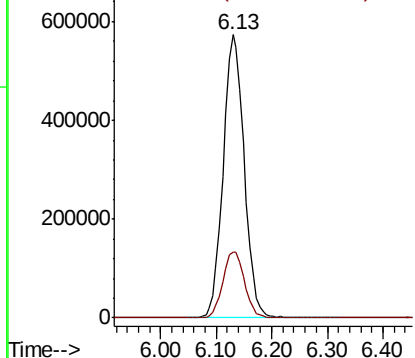


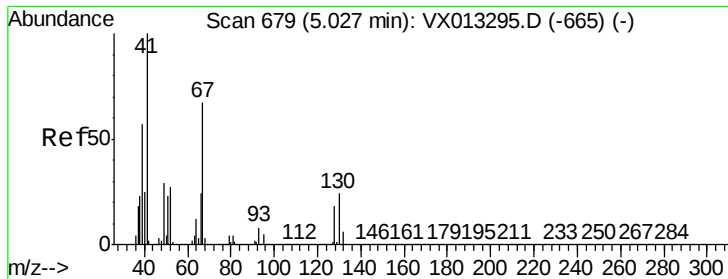
#40
Benzene
Concen: 49.611 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.5	29.3



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

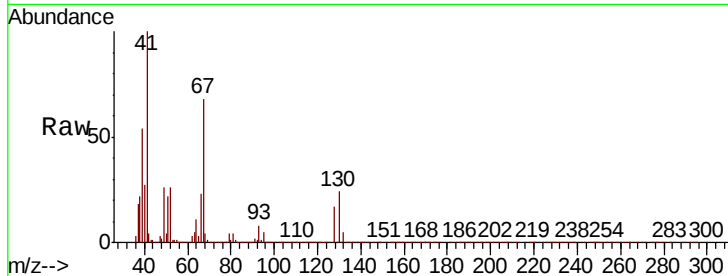




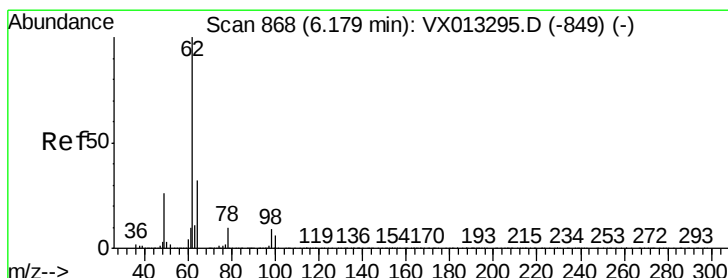
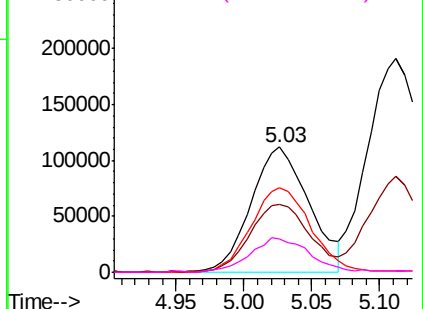
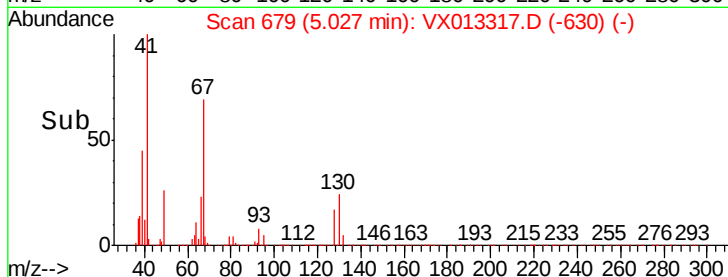
#41
Methacrylonitrile
Concen: 49.360 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	329936
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.0	67.6
67	70.5	55.4	83.2
52	27.6	23.1	34.7

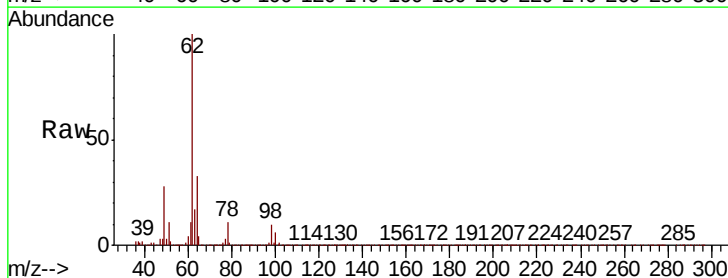


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

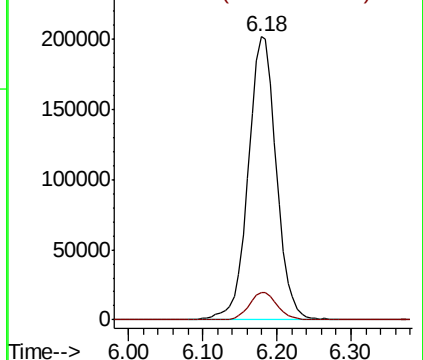
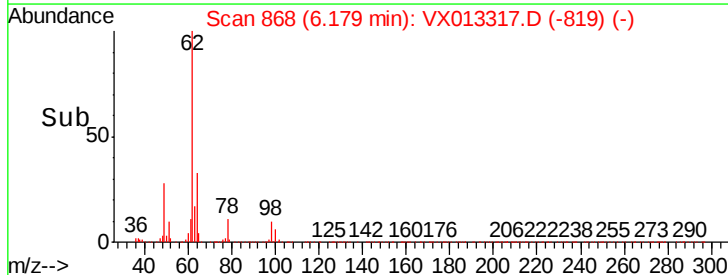


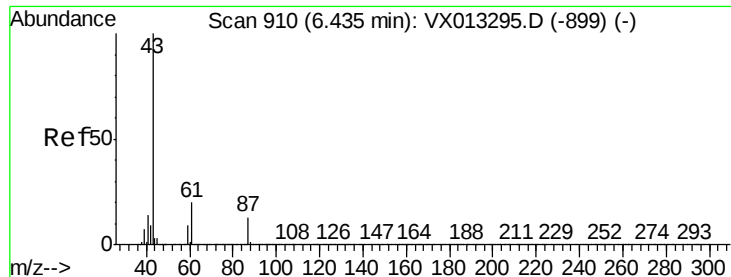
#42
1,2-Dichloroethane
Concen: 49.112 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion:	62	Resp:	532560
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 50.648 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampled :

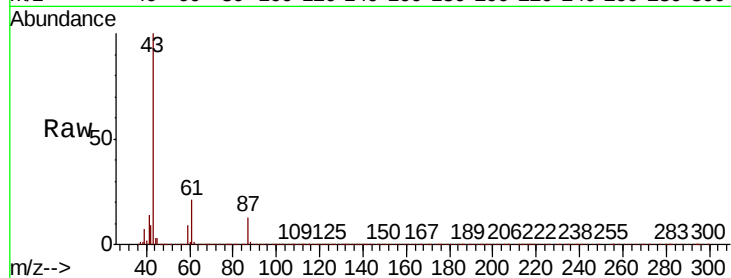
Tot Ion: 43 Resp: 940541

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

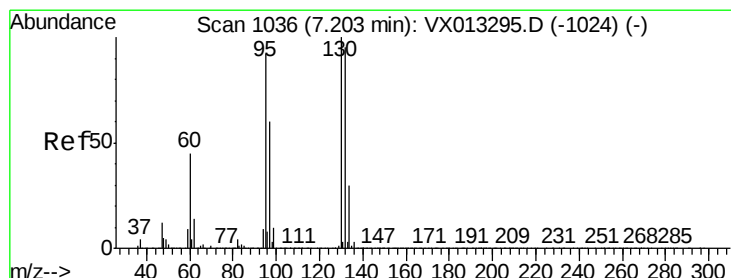
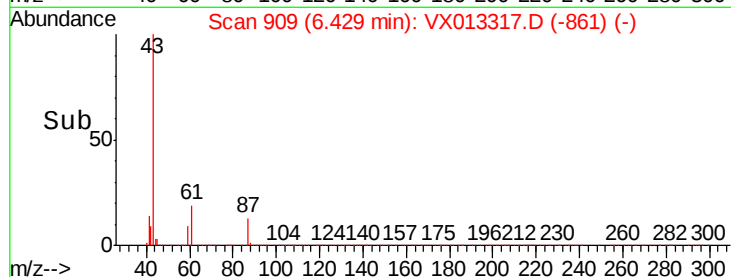
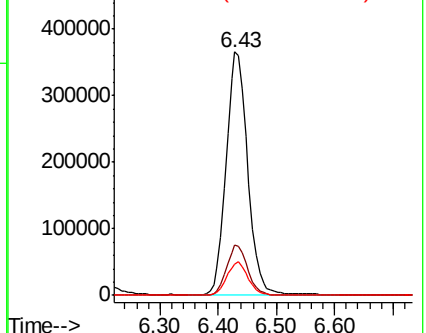
87 13.5 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.406 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013317.D

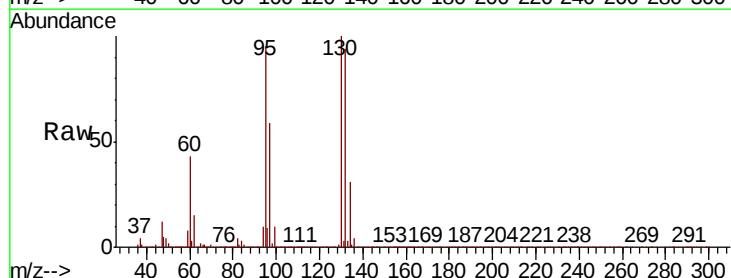
Acq: 01 Nov 2019 17:29

Tgt Ion:130 Resp: 400572

Ion Ratio Lower Upper

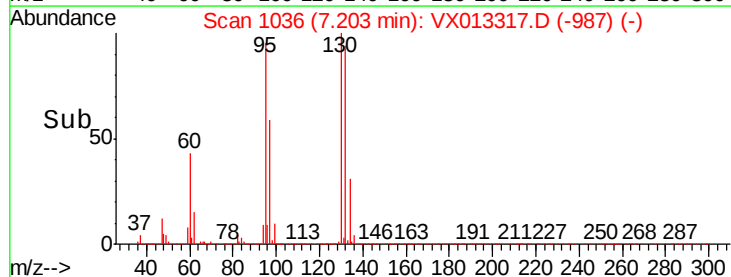
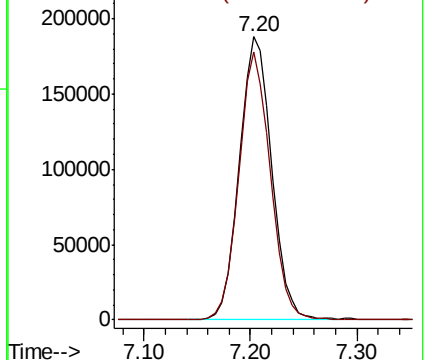
130 100

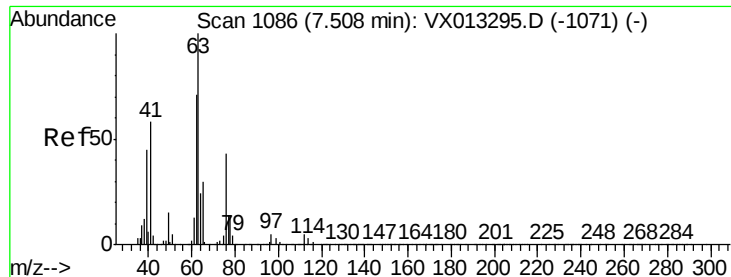
95 94.5 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.950 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

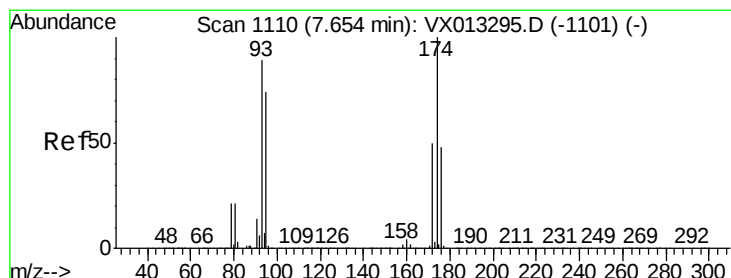
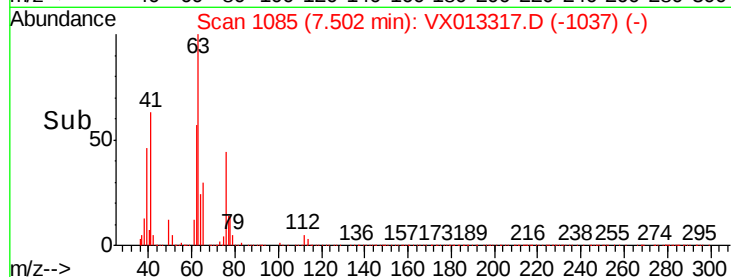
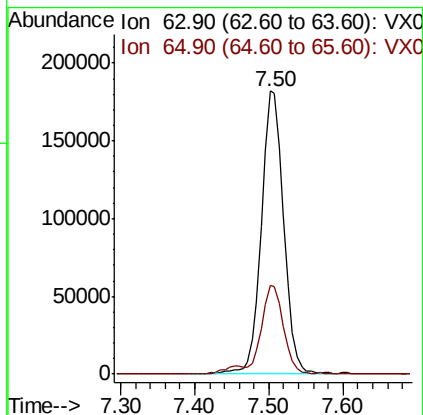
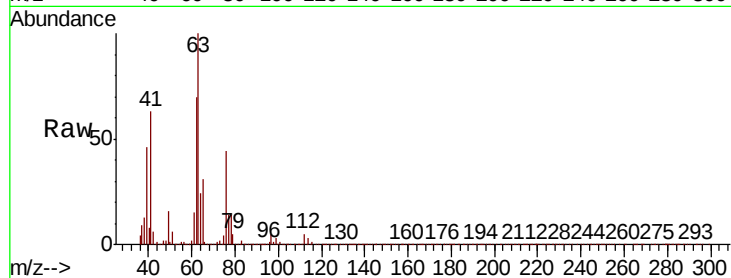
ClientSampled :

Tot Ion: 63 Resp: 382613

Ion Ratio Lower Upper

63 100

65 31.2 24.3 36.5



#46

Dibromomethane

Concen: 48.580 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

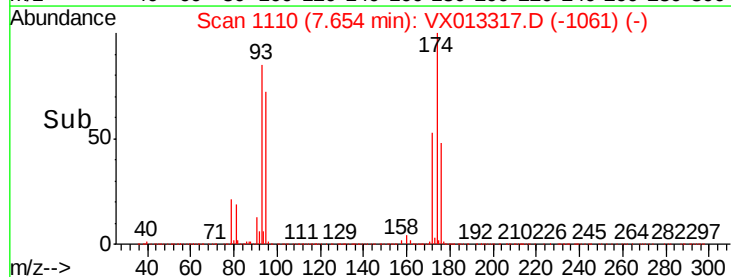
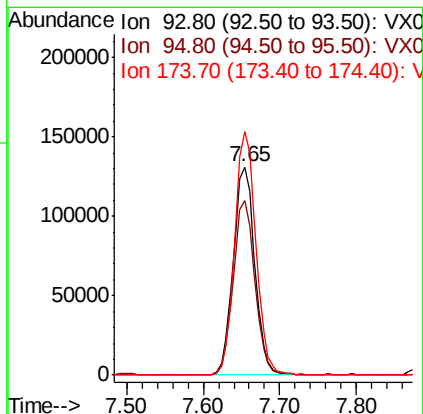
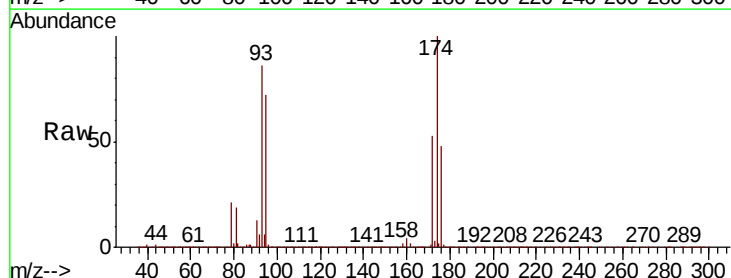
Tgt Ion: 93 Resp: 254071

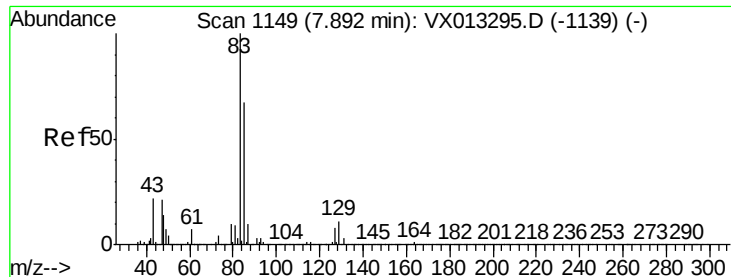
Ion Ratio Lower Upper

93 100

95 83.9 65.8 98.6

174 116.1 90.4 135.6

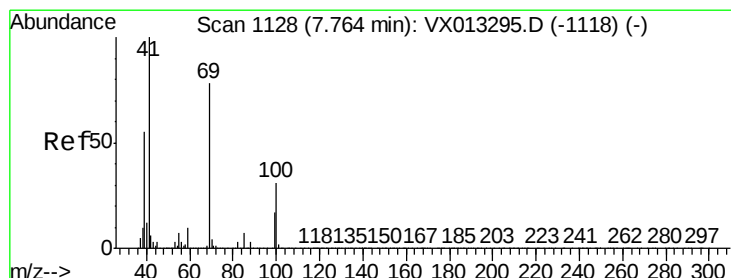
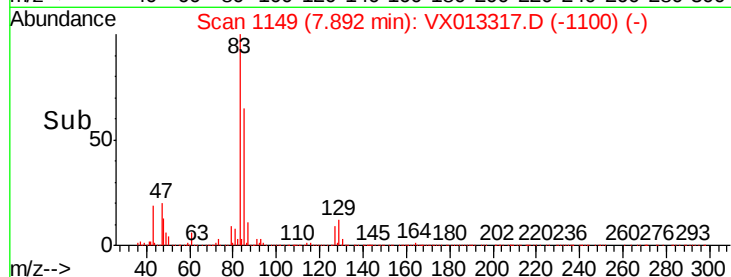
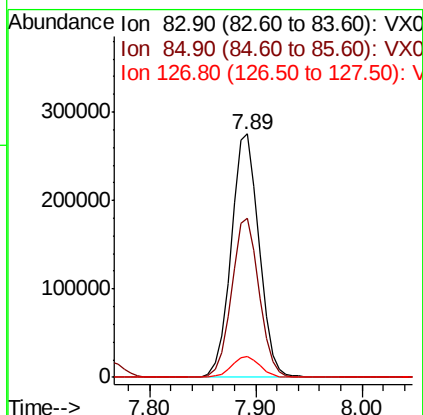
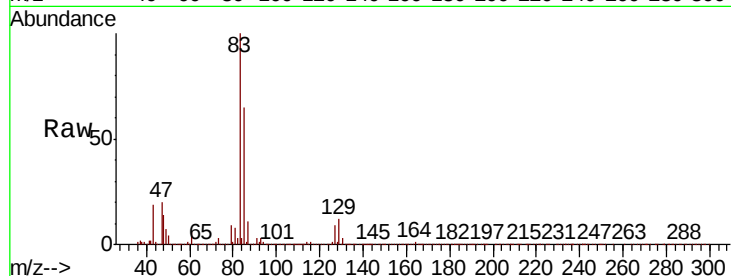




#47
 Bromodichloromethane
 Concen: 51.273 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

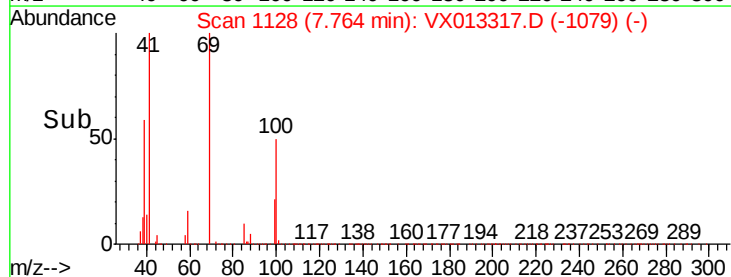
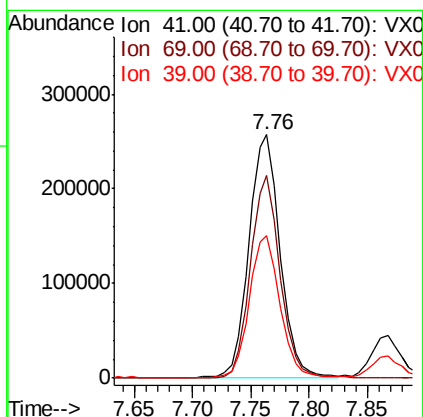
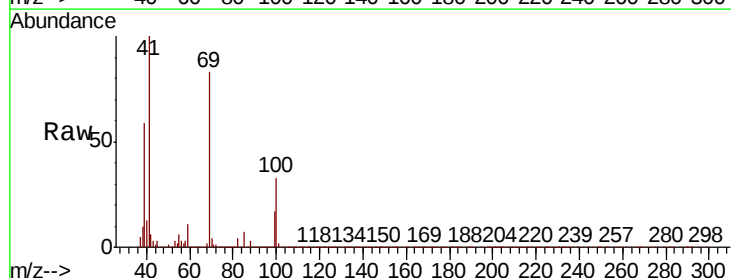
Instrument :
 MSVOA_X
 ClientSampleId :

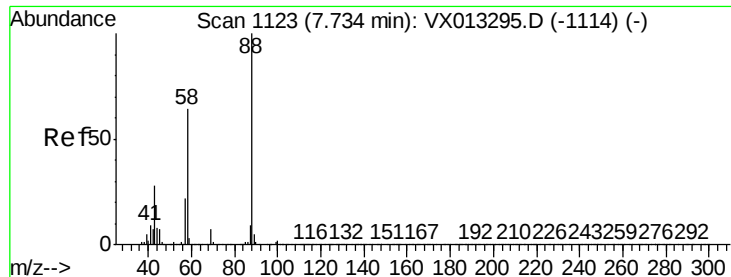
Tot Ion	83	Resp	505658
Ion Ratio	Lower	Upper	
83	100		
85	65.3	53.7	80.5
127	8.7	6.4	9.6



#48
 Methyl methacrylate
 Concen: 51.433 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion	41	Resp	476771
Ion Ratio	Lower	Upper	
41	100		
69	79.9	63.0	94.6
39	57.7	45.9	68.9





#49

1,4-Dioxane

Concen: 962.169 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

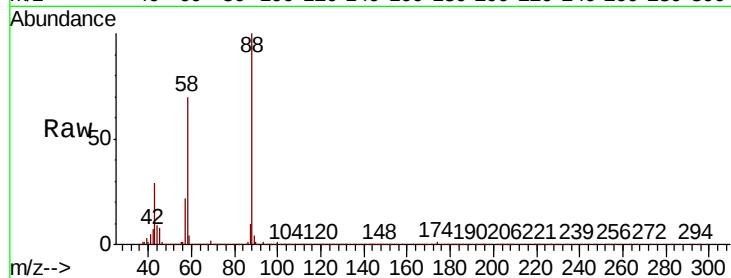
Tot Ion: 88 Resp: 204257

Ion Ratio Lower Upper

88 100

43 34.1 26.6 39.8

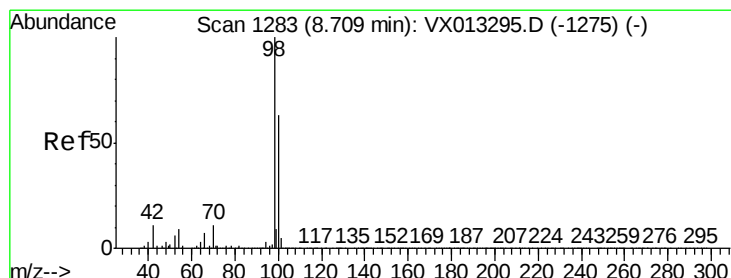
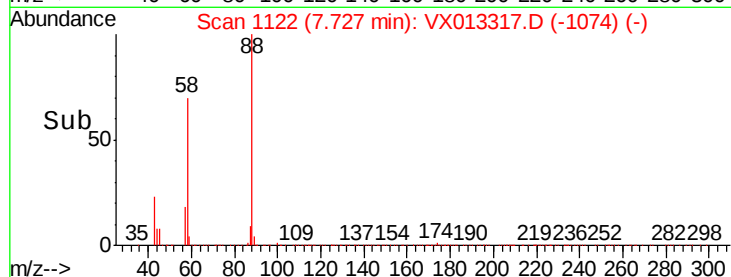
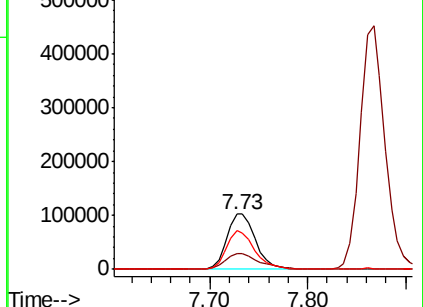
58 69.1 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.669 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013317.D

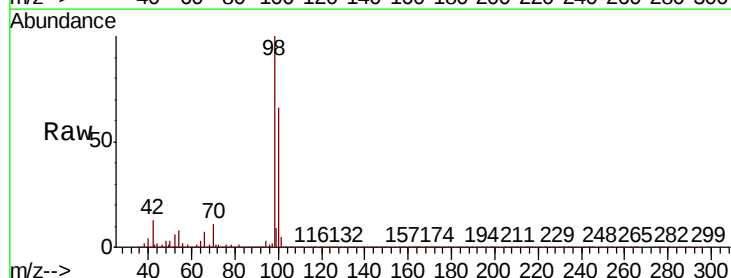
Acq: 01 Nov 2019 17:29

Tgt Ion: 98 Resp: 1268040

Ion Ratio Lower Upper

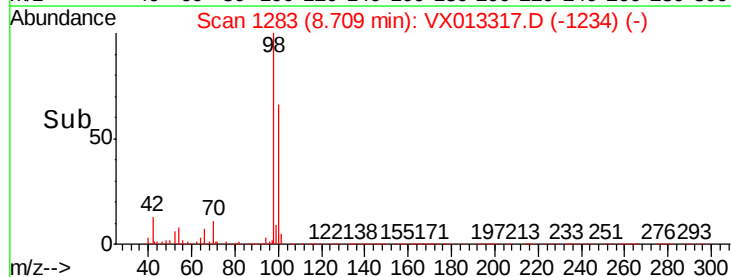
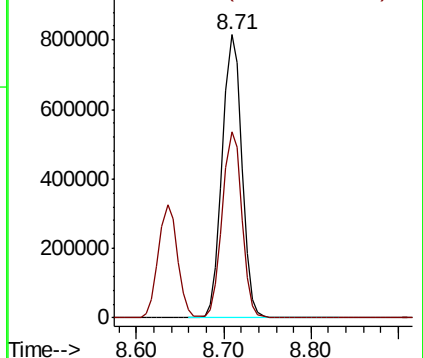
98 100

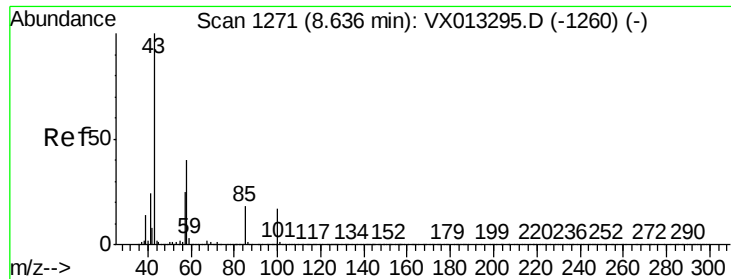
100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 250.224 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

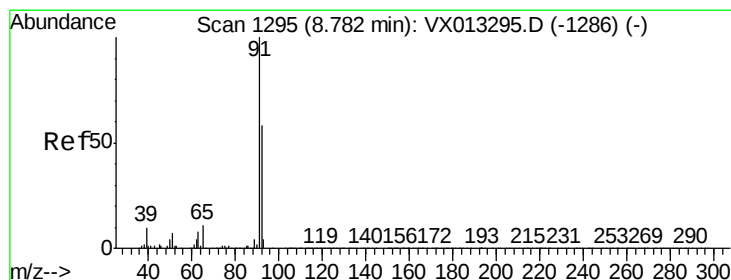
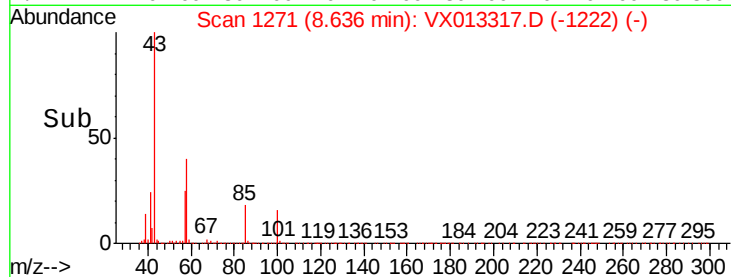
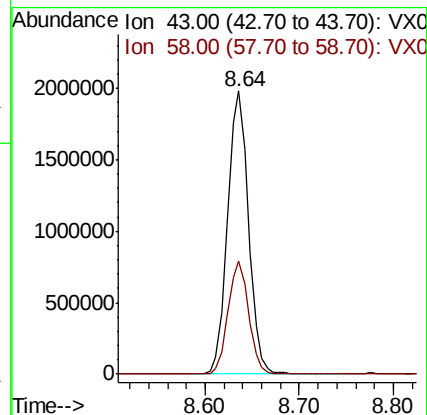
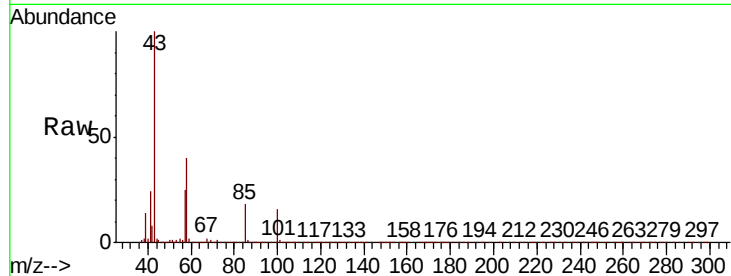
ClientSampleId :

Tot Ion: 43 Resp: 3048633

Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.0



#52

Toluene

Concen: 50.355 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013317.D

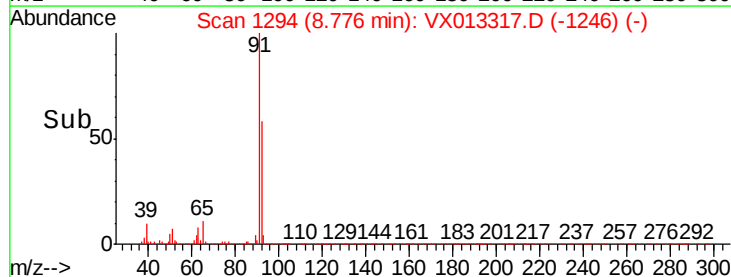
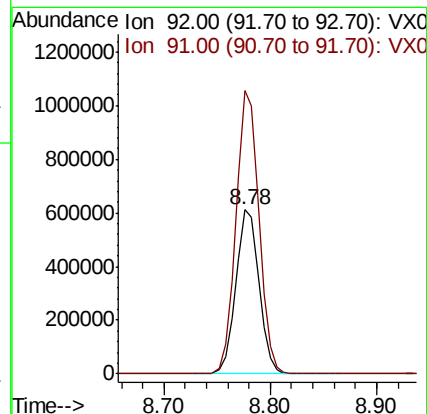
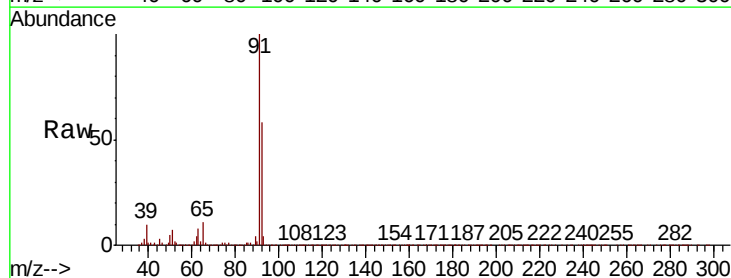
Acq: 01 Nov 2019 17:29

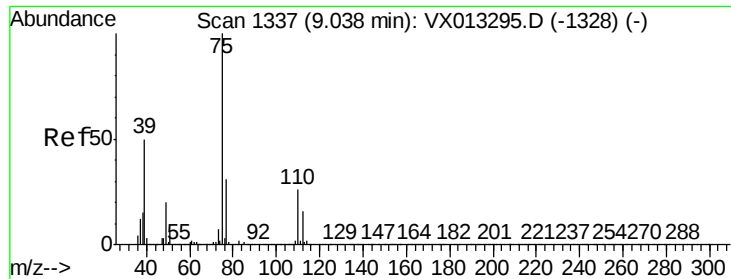
Tgt Ion: 92 Resp: 938251

Ion Ratio Lower Upper

92 100

91 171.1 138.0 207.0

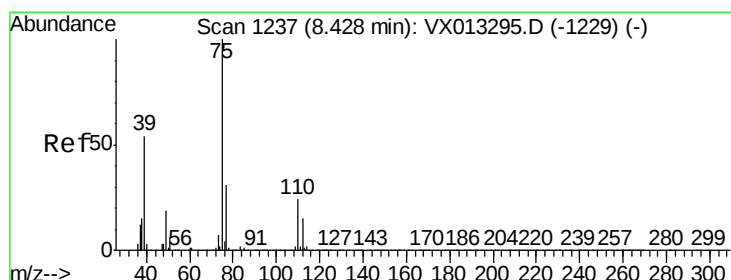
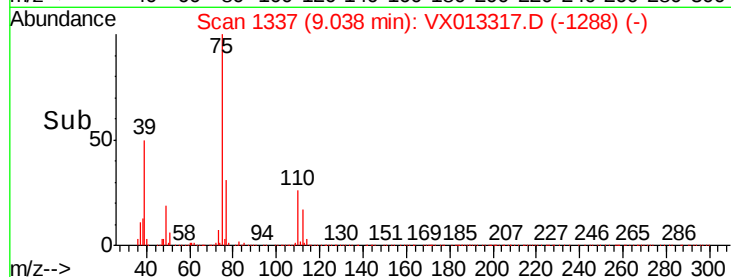
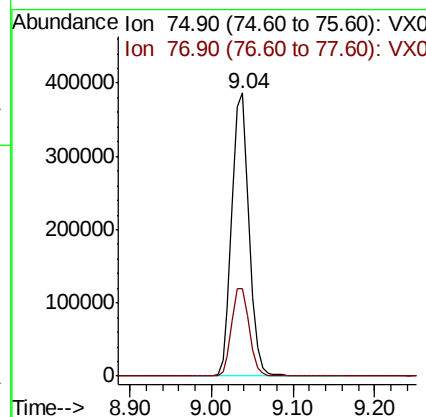
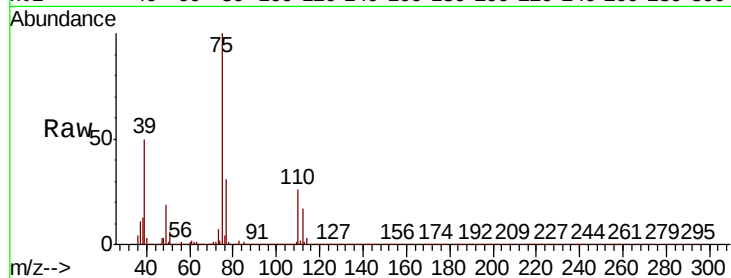




#53
t-1,3-Dichloropropene
Concen: 51.797 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

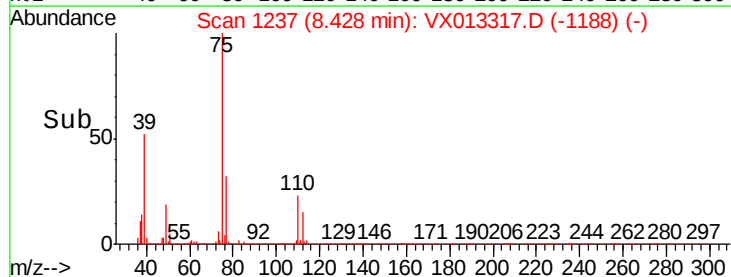
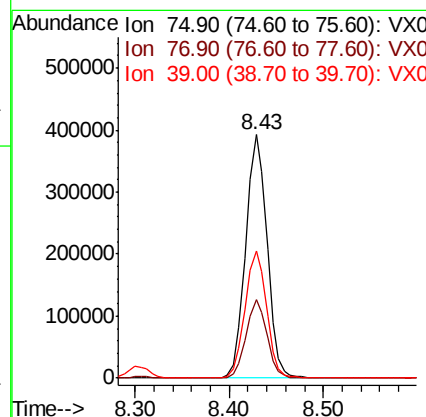
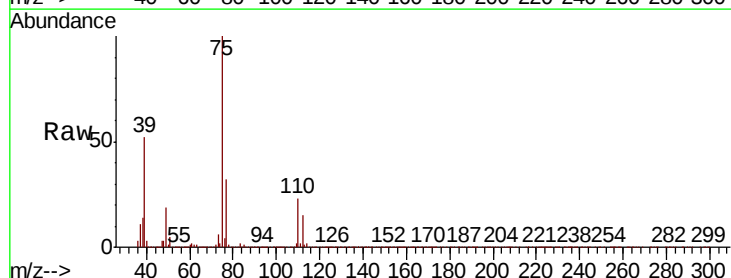
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 558591
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.493 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 75 Resp: 621176
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1
39 52.3 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 50.767 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013317.D

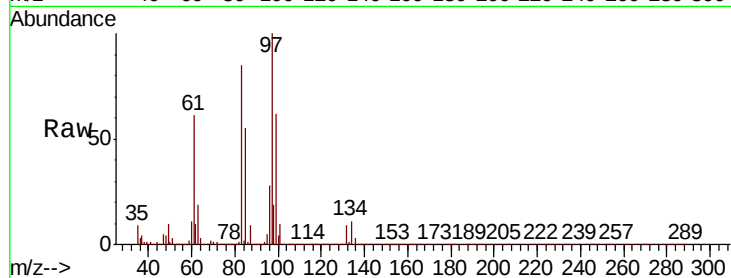
Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	97	Resp:	392077
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.6	103.0
85	55.3	43.1	64.7
99	62.1	49.4	74.0



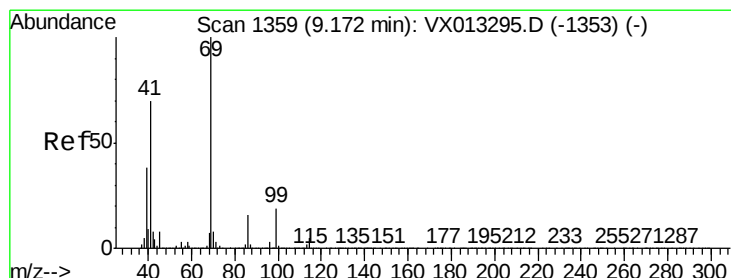
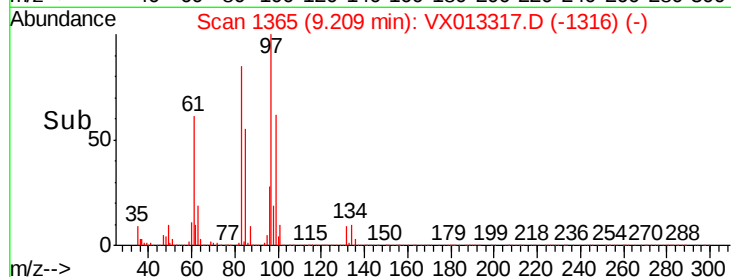
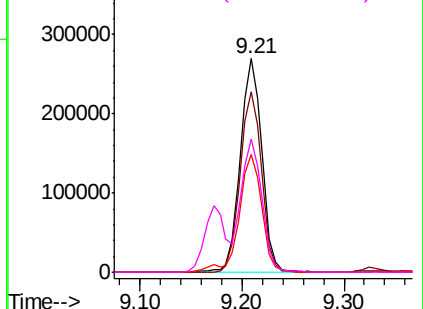
Abundance

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: 47.871 ug/l

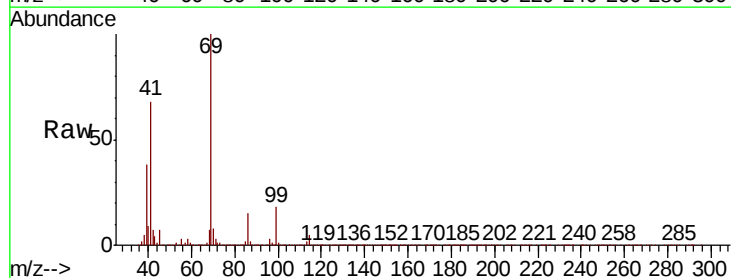
RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion:	69	Resp:	630265
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.2	84.2
39	38.3	31.1	46.7

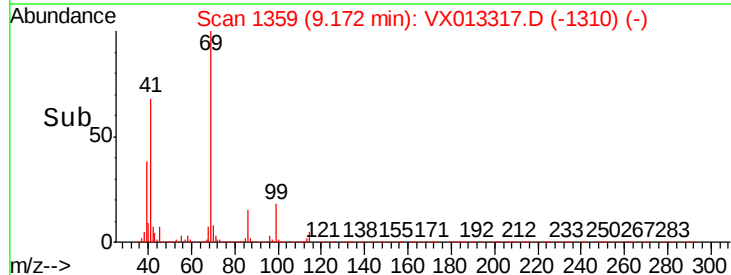
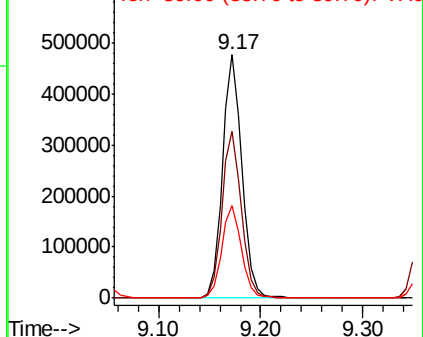


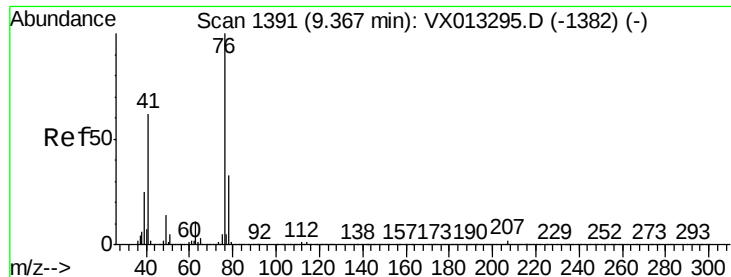
Abundance

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: 49.950 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

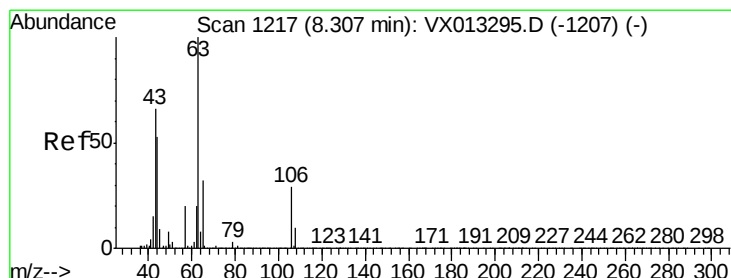
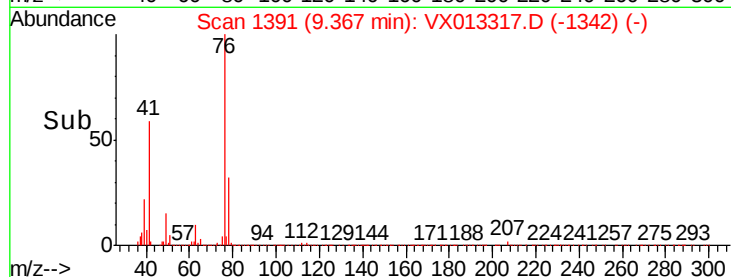
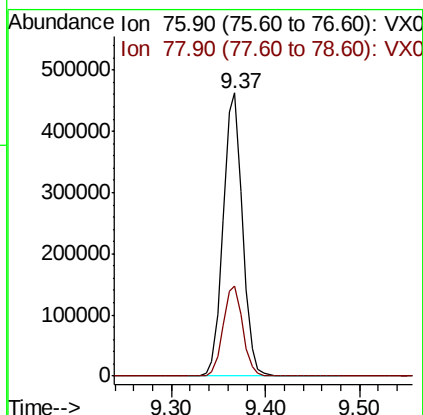
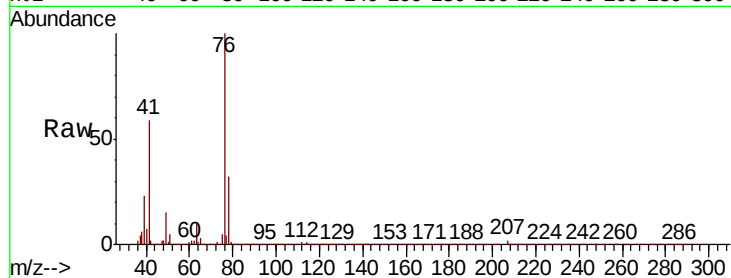
ClientSampleId :

Tot Ion: 76 Resp: 654855

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 256.227 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013317.D

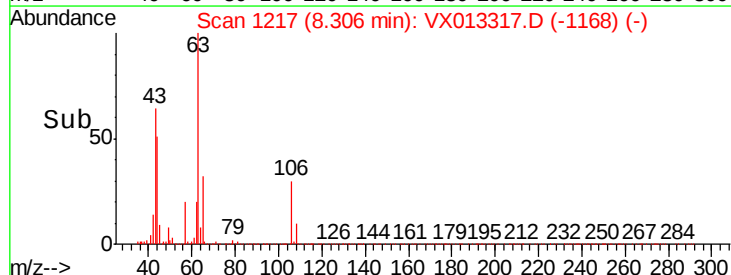
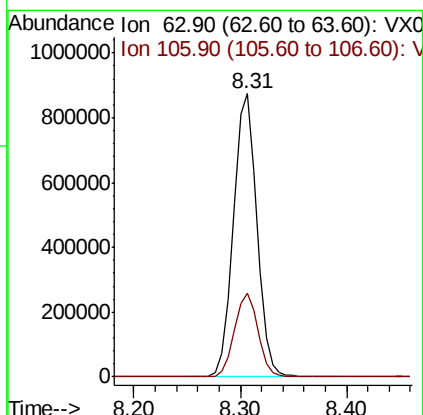
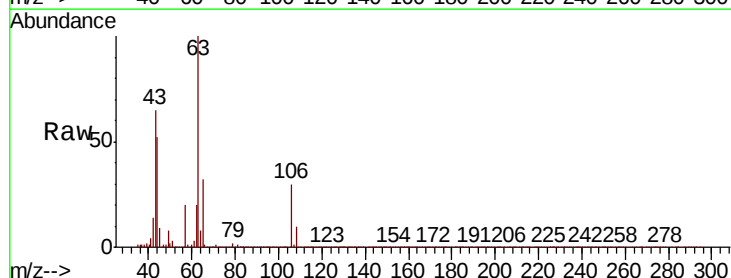
Acq: 01 Nov 2019 17:29

Tgt Ion: 63 Resp: 1353045

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2

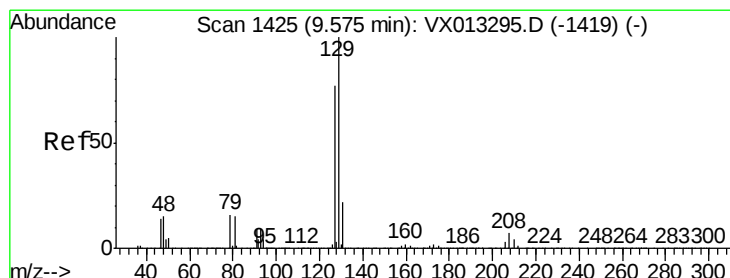
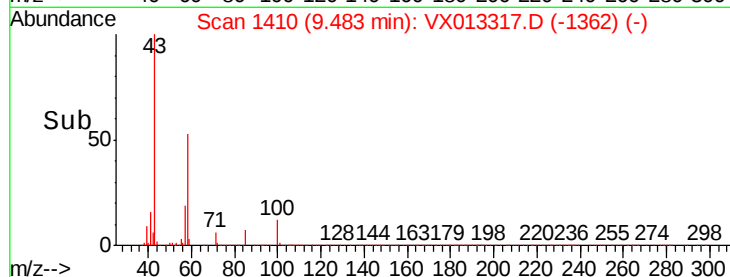
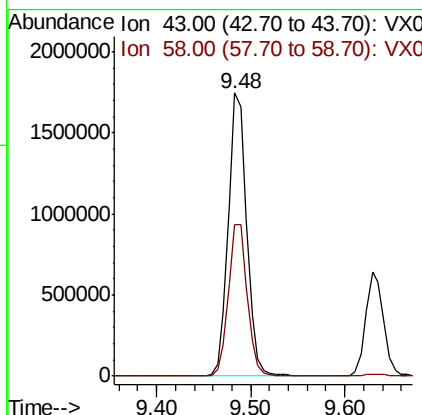
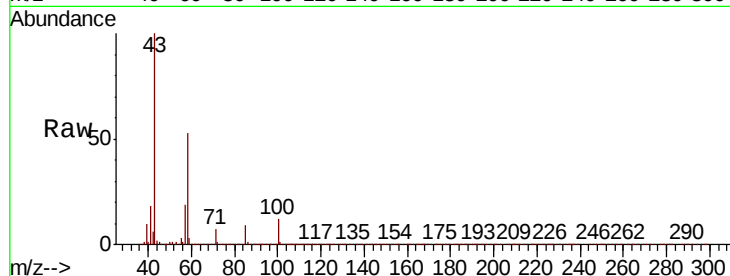




#59
2-Hexanone
Concen: 252.240 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

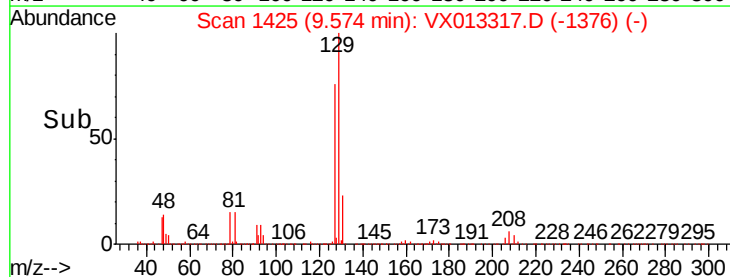
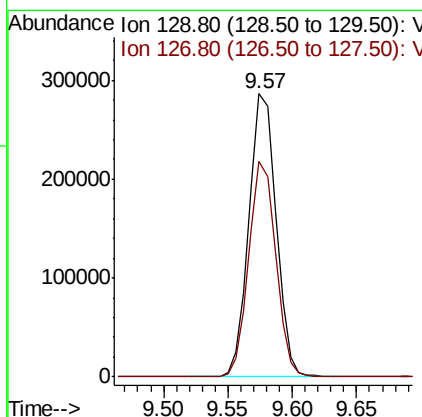
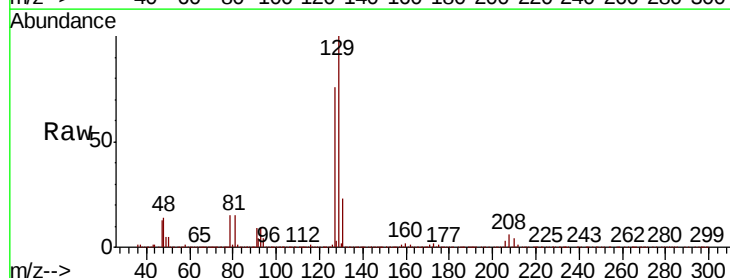
Instrument :
MSVOA_X
ClientSampleId :

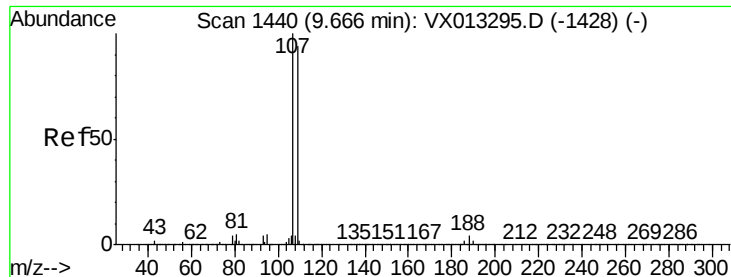
Tot Ion: 43 Resp: 2374897
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8



#60
Dibromochloromethane
Concen: 52.598 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 129 Resp: 415446
Ion Ratio Lower Upper
129 100
127 75.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.975 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

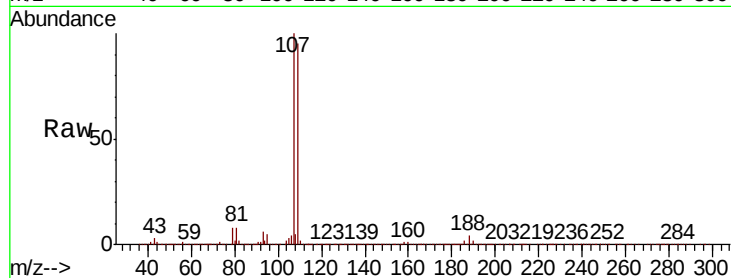
ClientSampleId :

Tot Ion: 107 Resp: 409843

Ion Ratio Lower Upper

107 100

109 94.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

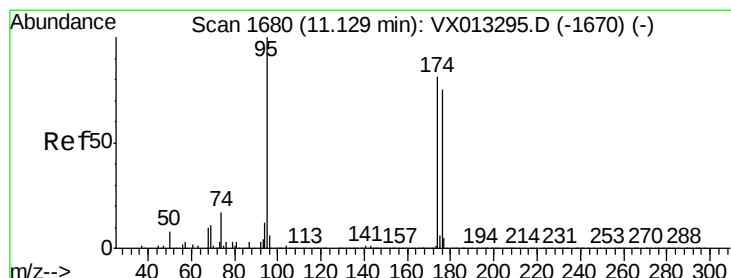
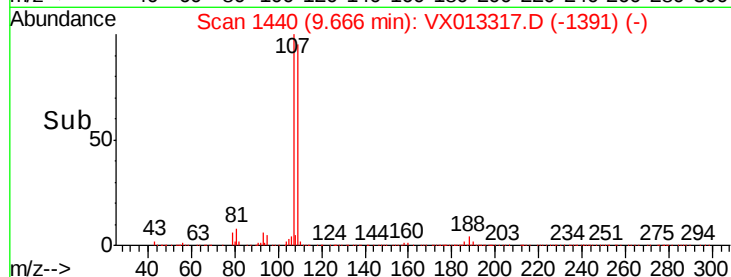
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.463 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

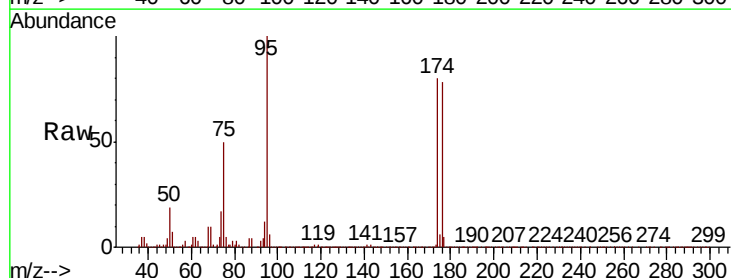
Tgt Ion: 95 Resp: 455662

Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.8

176 86.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

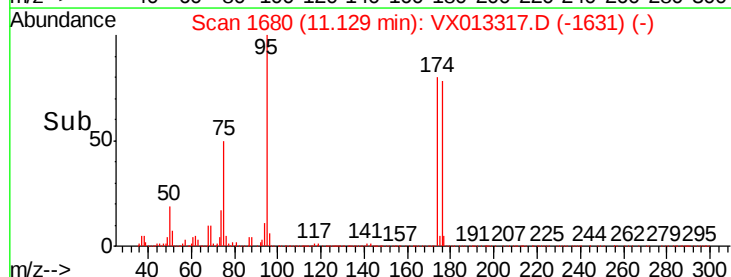
300000

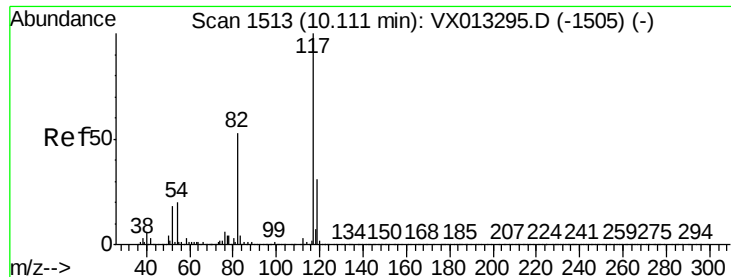
200000

100000

0

Time-->

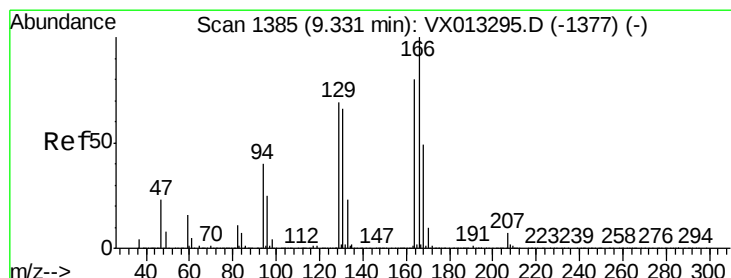
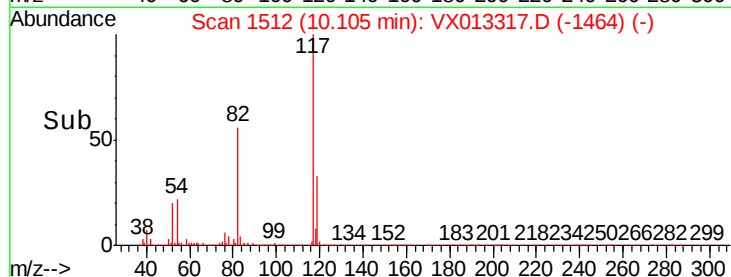
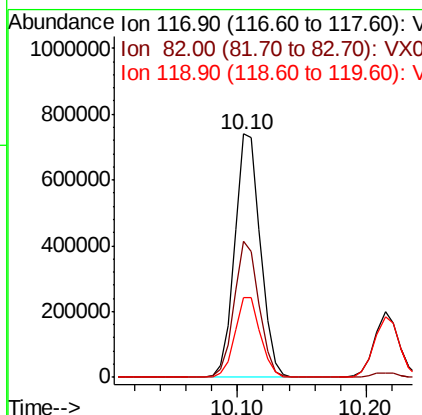
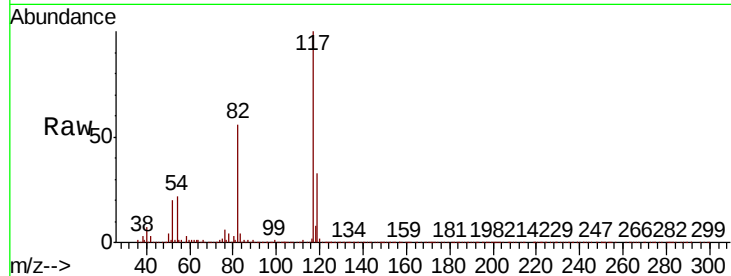




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

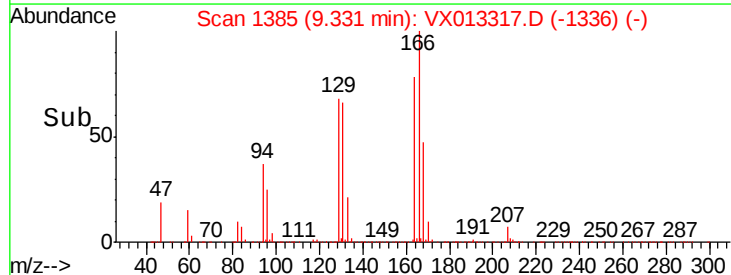
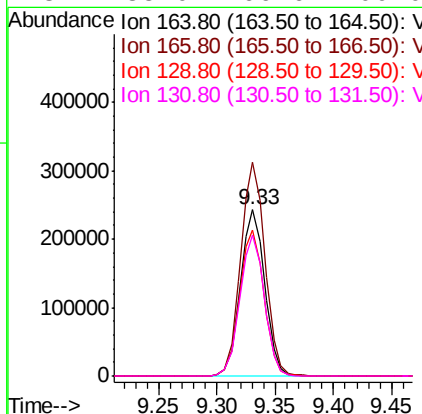
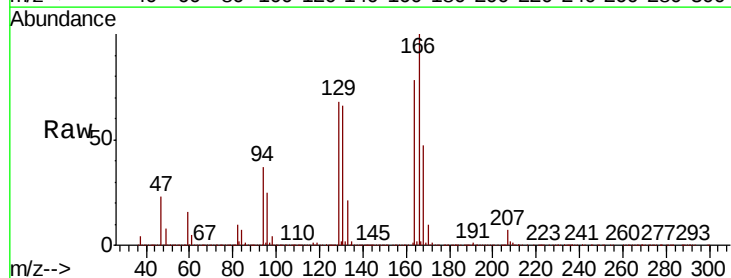
Instrument :
MSVOA_X
ClientSampleId :

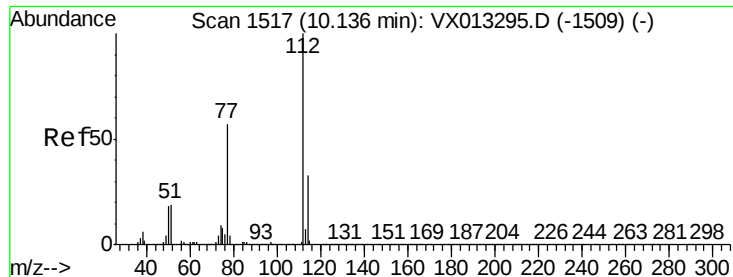
Tot Ion:117 Resp: 1020632
Ion Ratio Lower Upper
117 100
82 55.7 42.6 64.0
119 32.6 24.8 37.2



#64
Tetrachloroethene
Concen: 48.497 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion:164 Resp: 354338
Ion Ratio Lower Upper
164 100
166 128.5 100.4 150.6
129 87.6 69.4 104.2
131 85.0 66.6 100.0

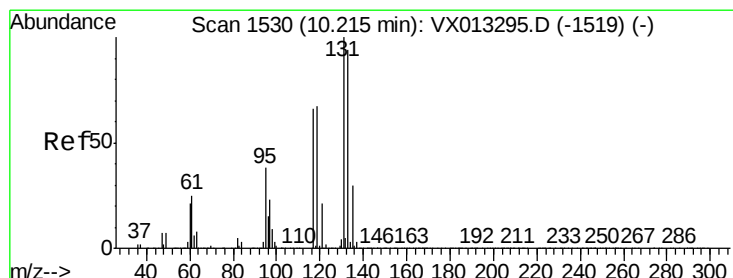
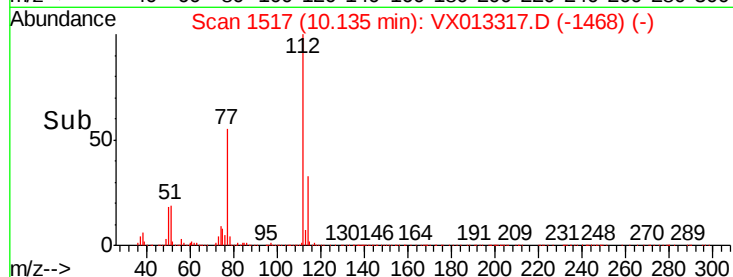
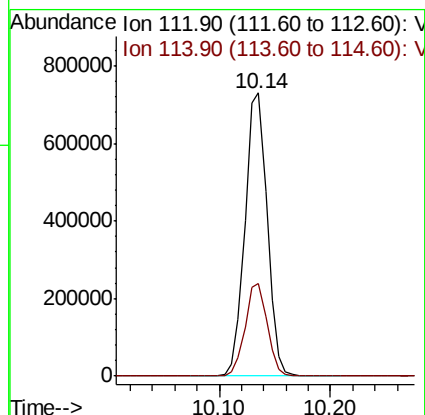
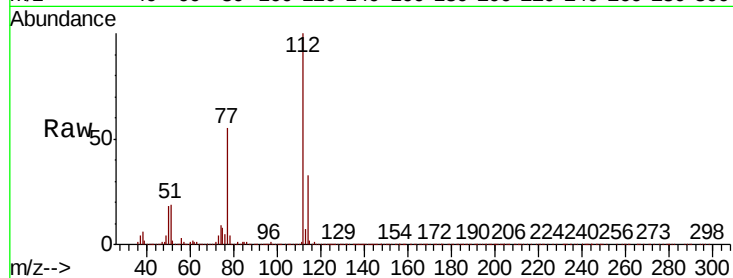




#65
Chlorobenzene
Concen: 48.963 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

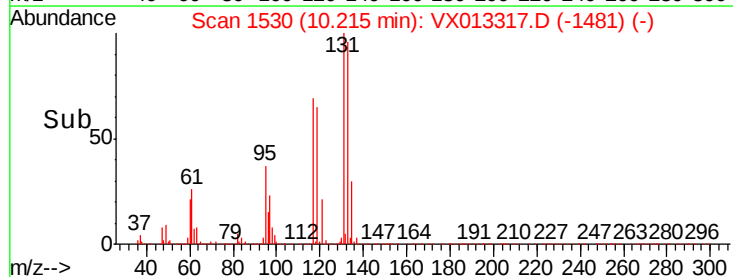
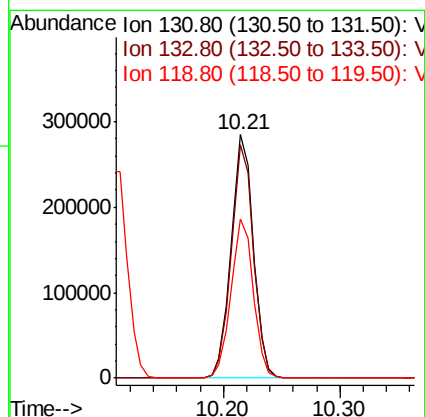
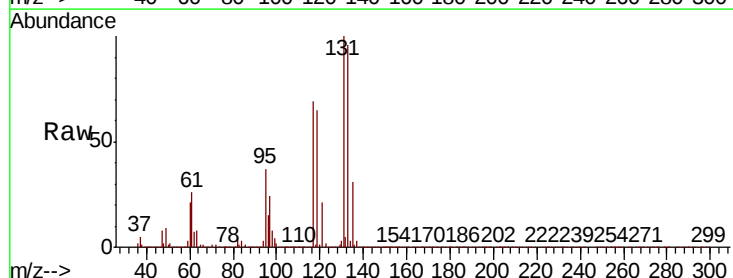
Instrument :
MSVOA_X
ClientSampleId :

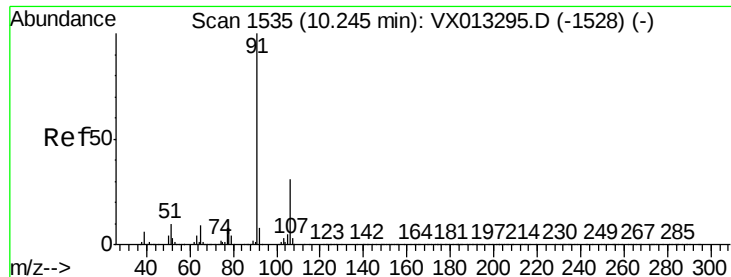
Tot Ion:112 Resp: 1011738
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.973 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion:131 Resp: 379147
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 65.6 33.0 99.0





#67

Ethyl Benzene

Concen: 50.179 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

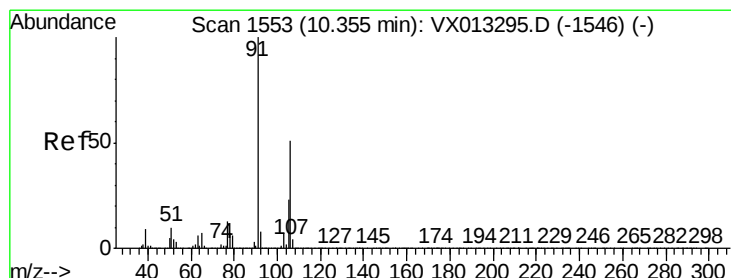
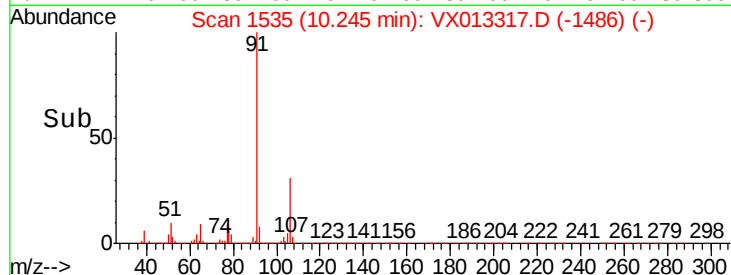
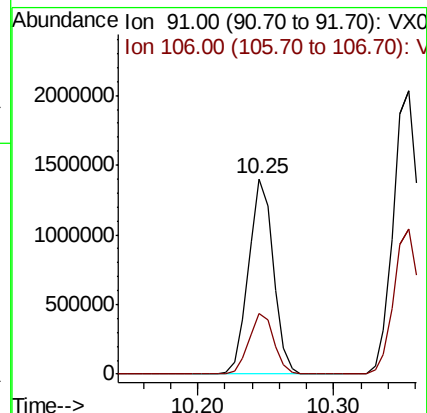
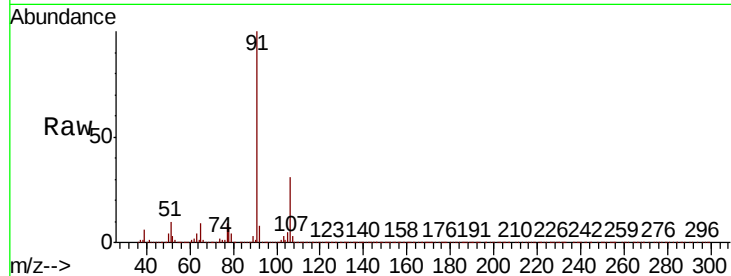
ClientSampleId :

Tot Ion: 91 Resp: 1789502

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 101.617 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013317.D

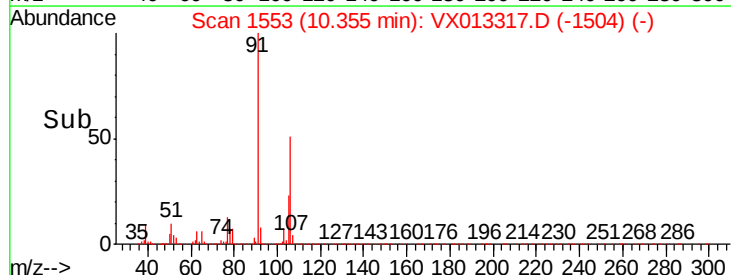
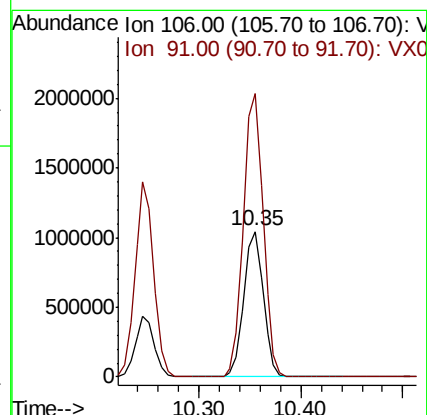
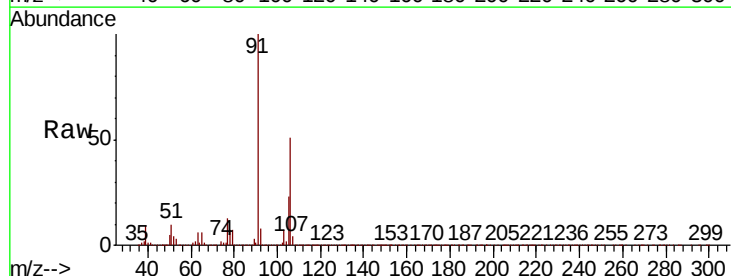
Acq: 01 Nov 2019 17:29

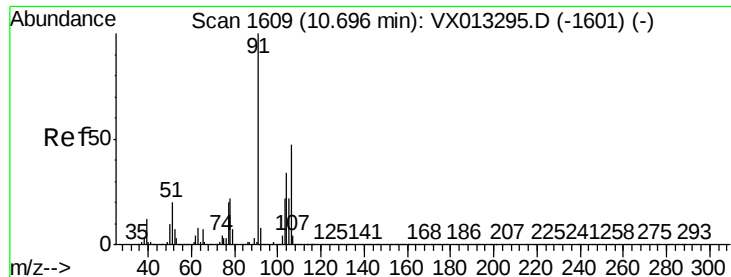
Tgt Ion: 106 Resp: 1370524

Ion Ratio Lower Upper

106 100

91 198.0 159.3 238.9

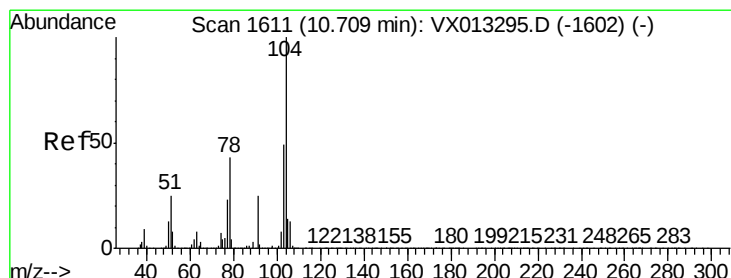
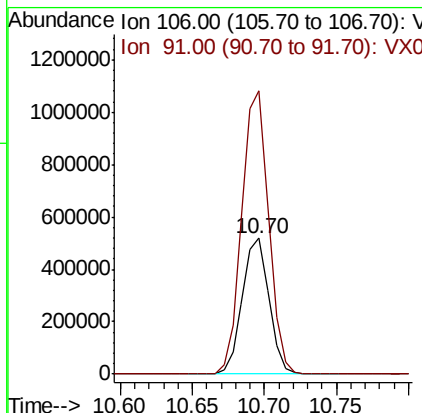
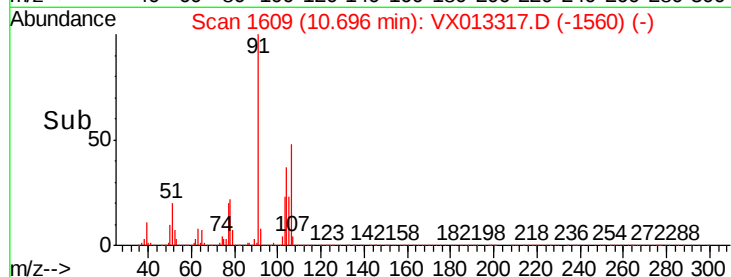
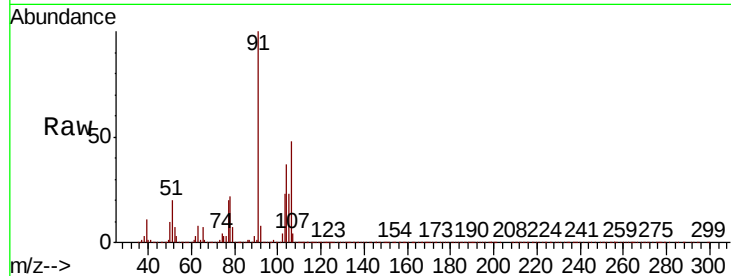




#69
o-Xylene
Concen: 50.602 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

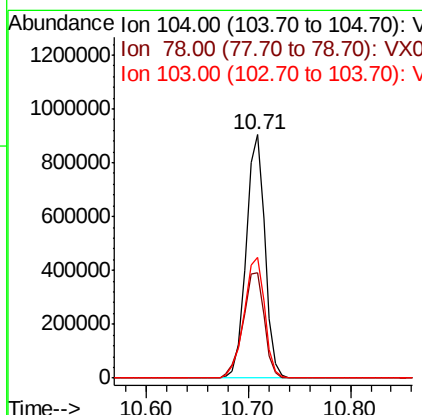
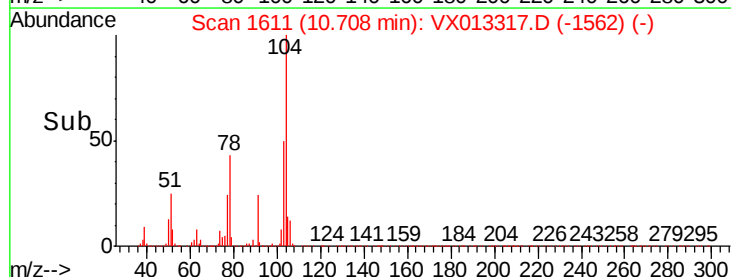
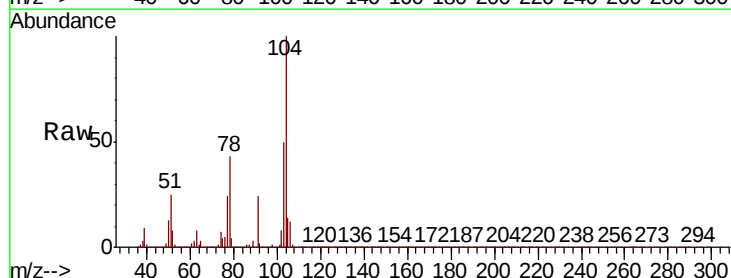
Instrument :
MSVOA_X
ClientSampled :

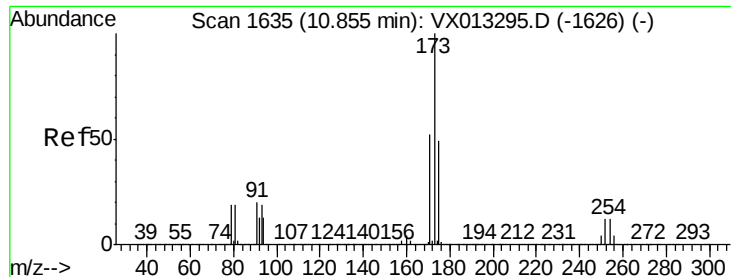
Tot Ion:106 Resp: 668175
Ion Ratio Lower Upper
106 100
91 208.9 105.7 317.0



#70
Styrene
Concen: 52.169 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion:104 Resp: 1151503
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 54.7 44.1 66.1

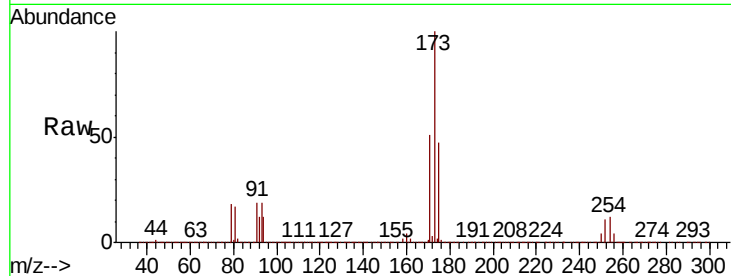




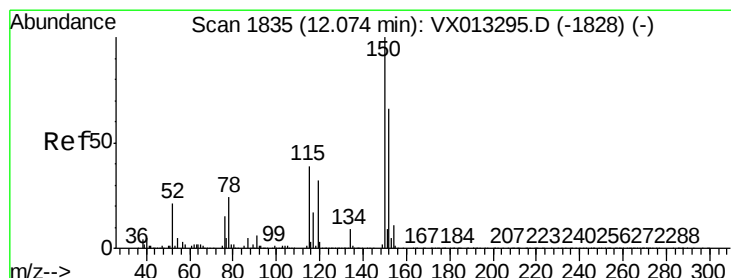
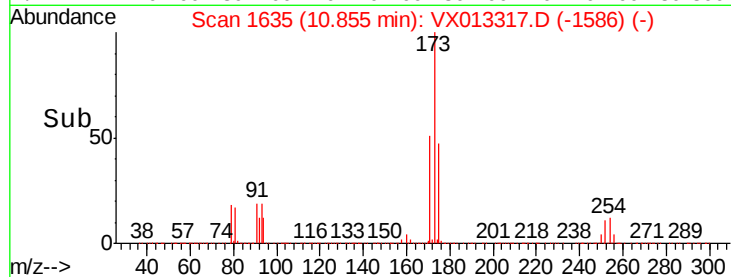
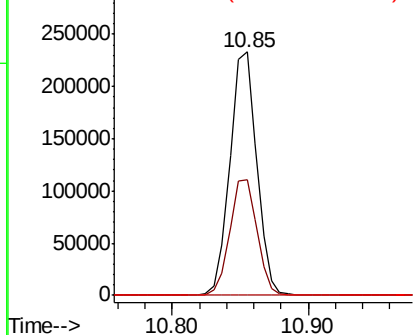
#71
Bromoform
Concen: 45.833 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 320410
Ion Ratio Lower Upper
173 100
175 48.3 24.8 74.4
254 0.3 0.2 0.2#

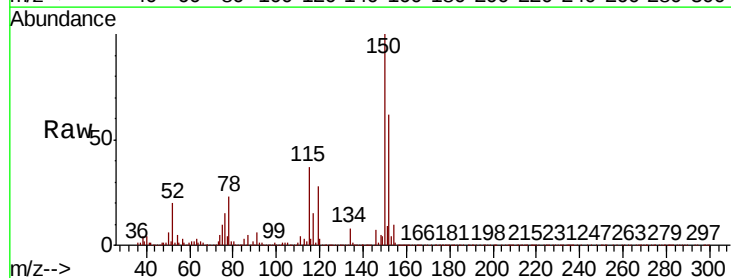


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

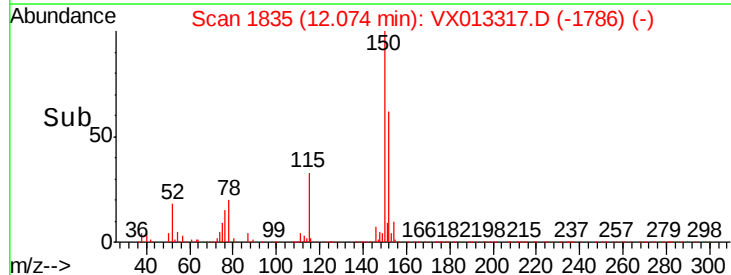
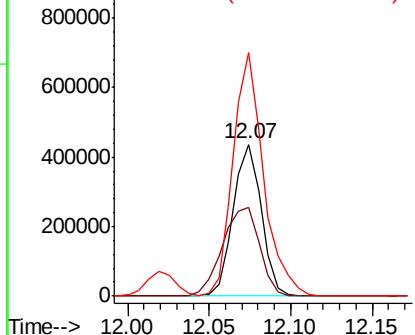


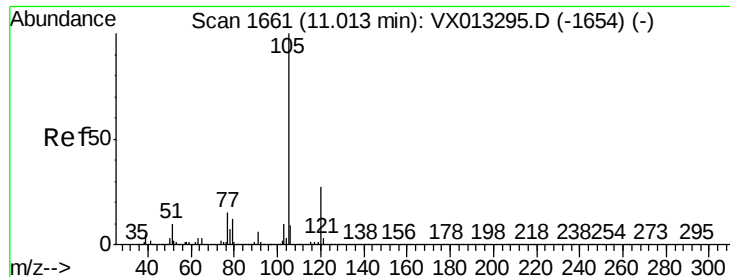
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion:152 Resp: 523129
Ion Ratio Lower Upper
152 100
115 77.5 39.5 118.3
150 173.2 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.831 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

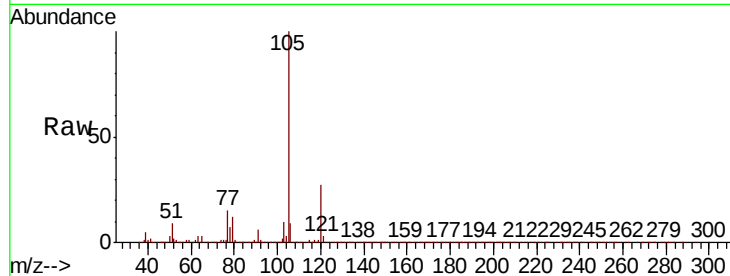
ClientSampleId :

Tot Ion:105 Resp: 1763026

Ion Ratio Lower Upper

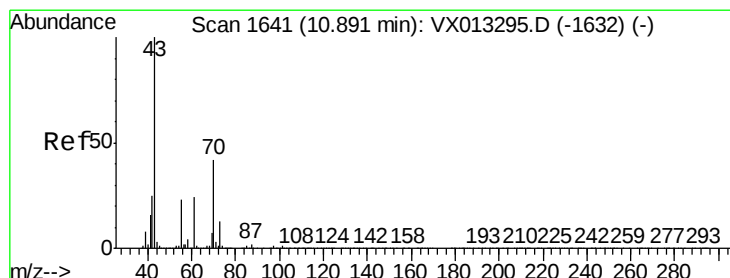
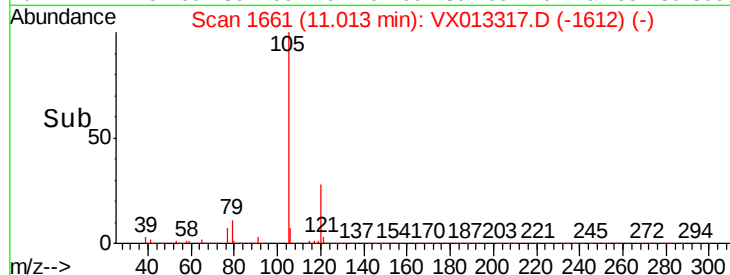
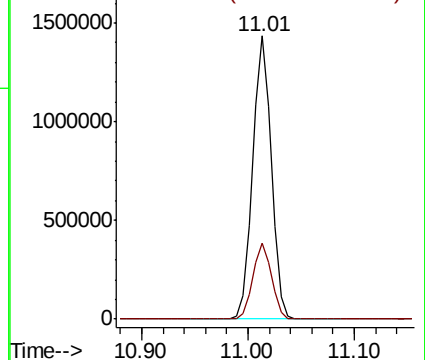
105 100

120 26.9 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: 52.196 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion: 43 Resp: 839517

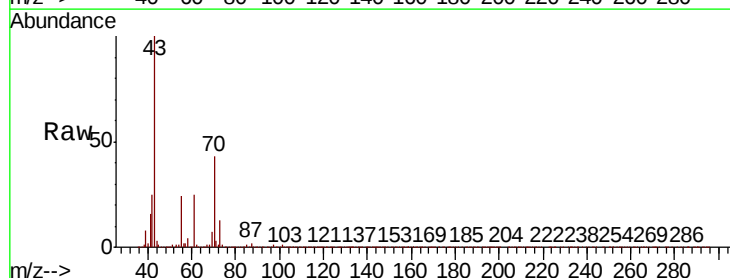
Ion Ratio Lower Upper

43 100

70 43.4 34.1 51.1

55 23.9 18.9 28.3

61 24.7 19.2 28.8

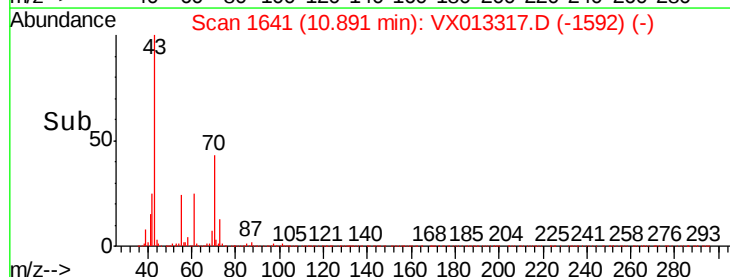
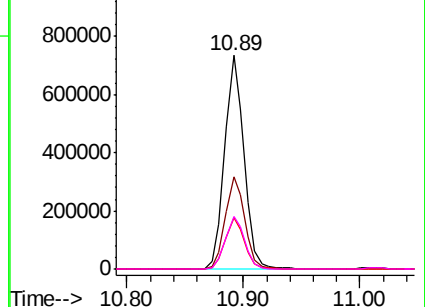


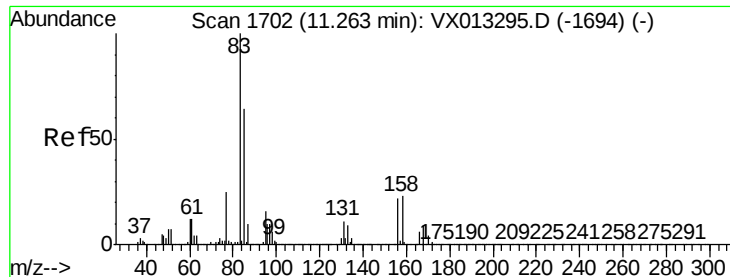
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.268 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

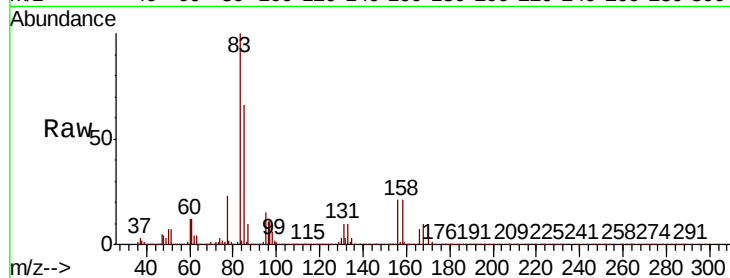
Tot Ion: 83 Resp: 623399

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

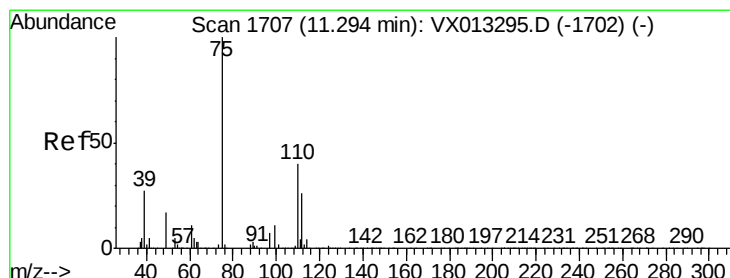
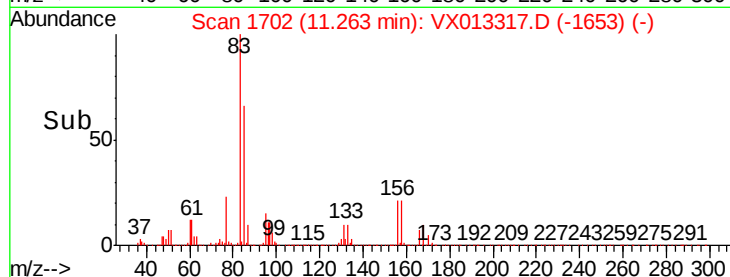
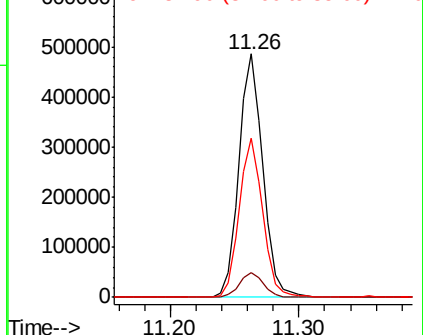
85 64.9 32.3 96.8



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: 68.218 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013317.D

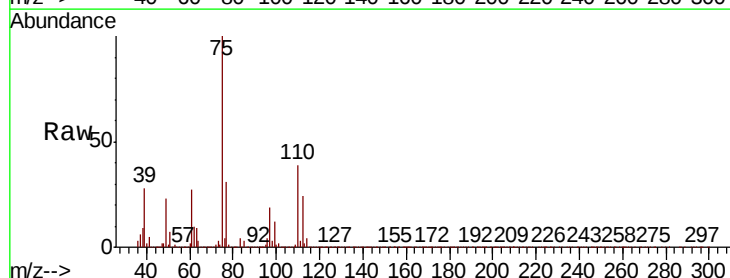
Acq: 01 Nov 2019 17:29

Tgt Ion: 75 Resp: 724847

Ion Ratio Lower Upper

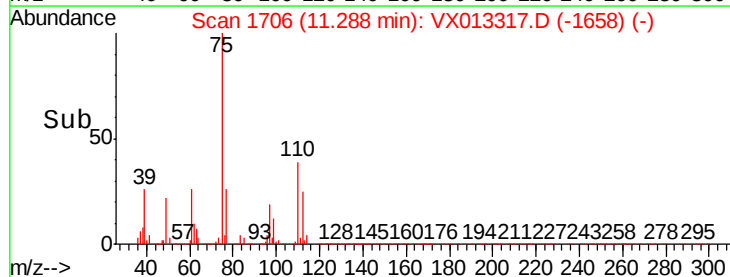
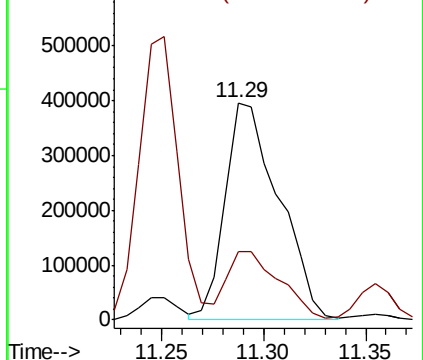
75 100

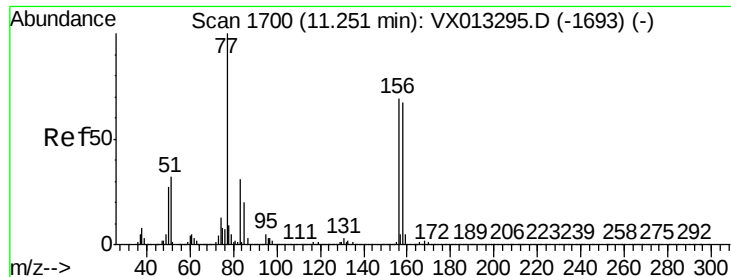
77 30.4 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.616 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

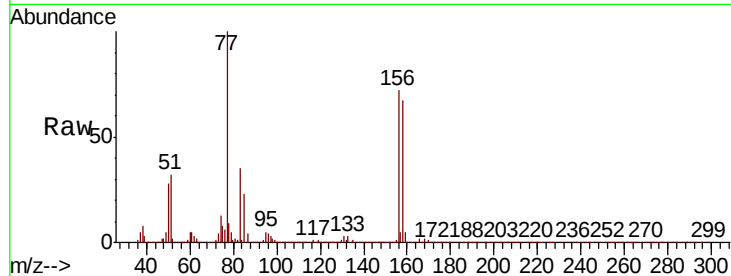
Tot Ion:156 Resp: 468018

Ion Ratio Lower Upper

156 100

77 148.0 75.8 227.4

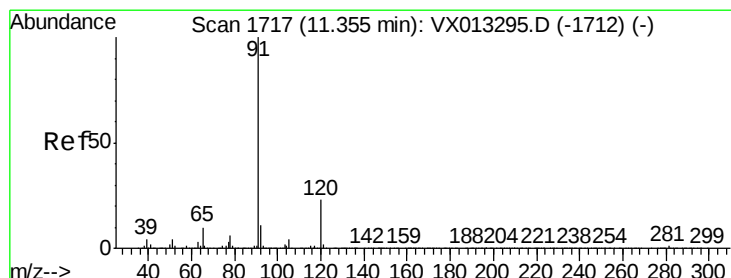
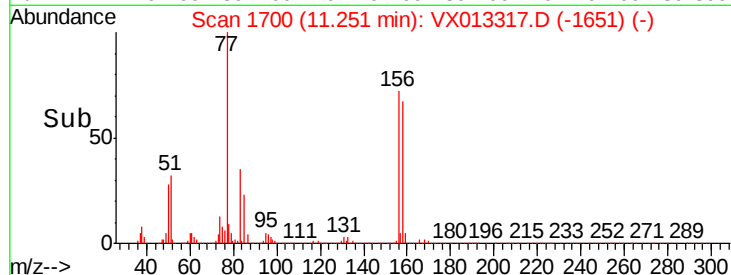
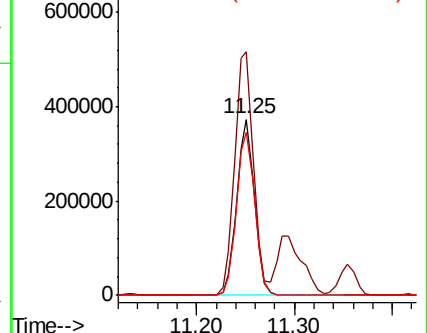
158 95.8 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.213 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013317.D

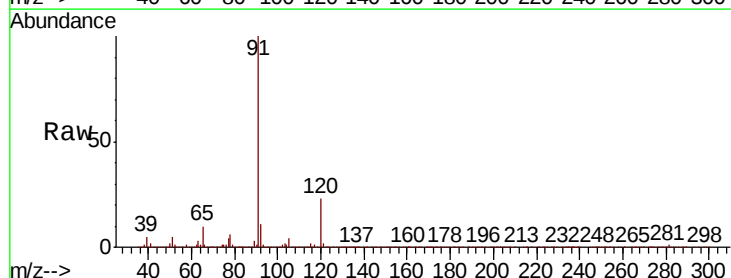
Acq: 01 Nov 2019 17:29

Tgt Ion: 91 Resp: 2017328

Ion Ratio Lower Upper

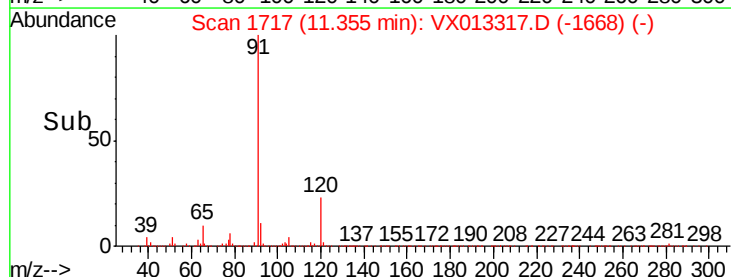
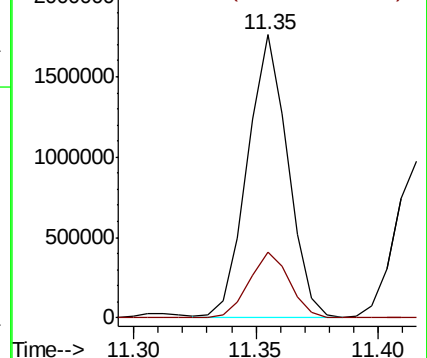
91 100

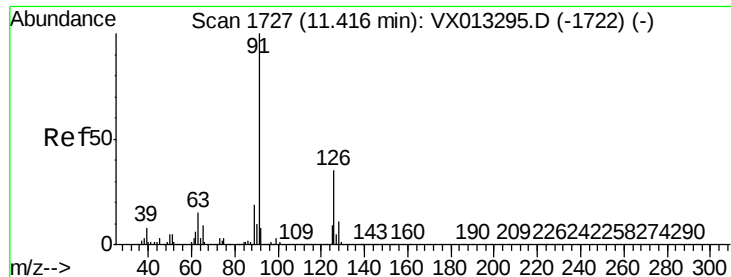
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.923 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

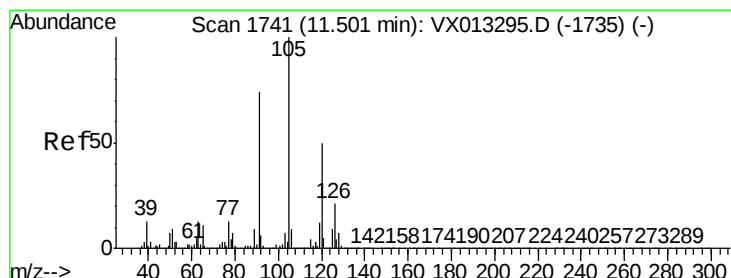
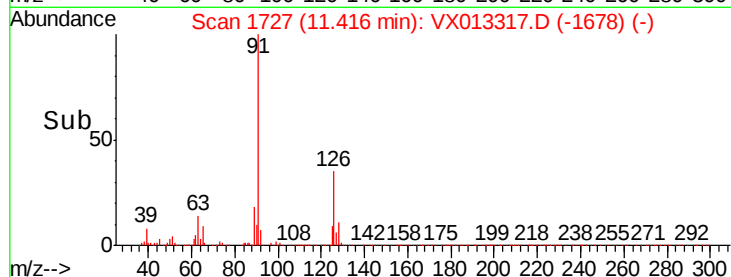
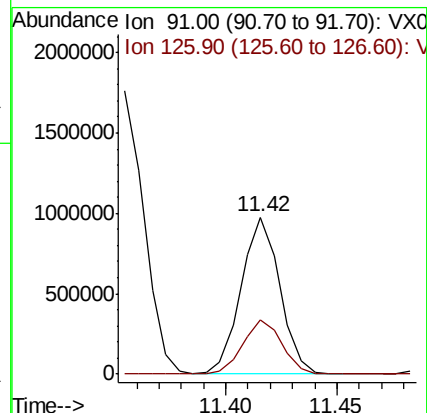
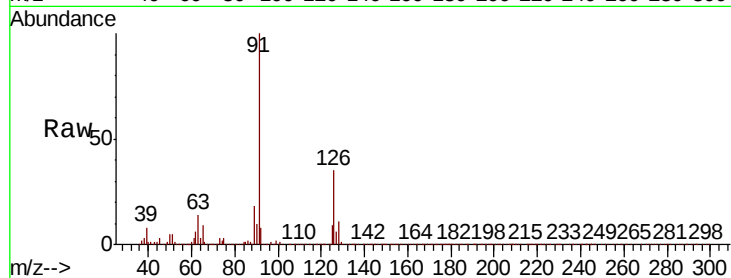
ClientSampleId :

Tot Ion: 91 Resp: 1185394

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 51.580 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013317.D

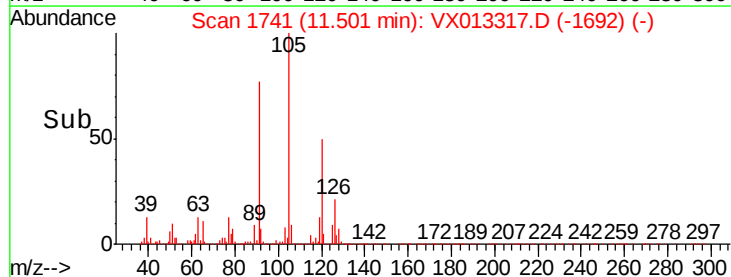
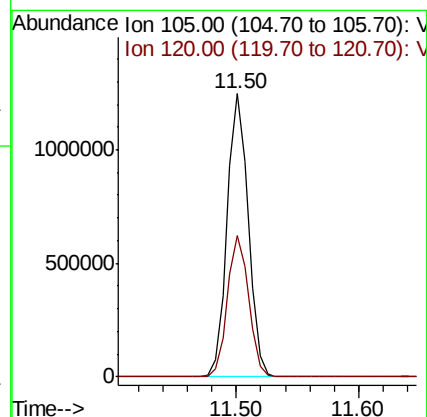
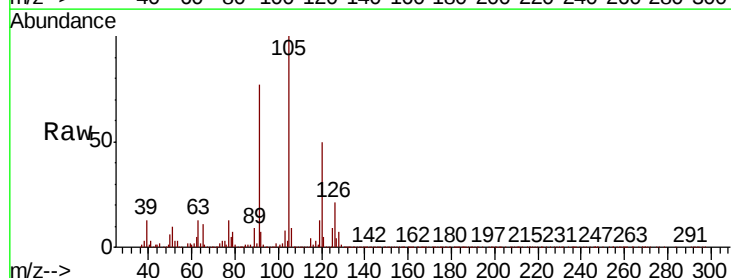
Acq: 01 Nov 2019 17:29

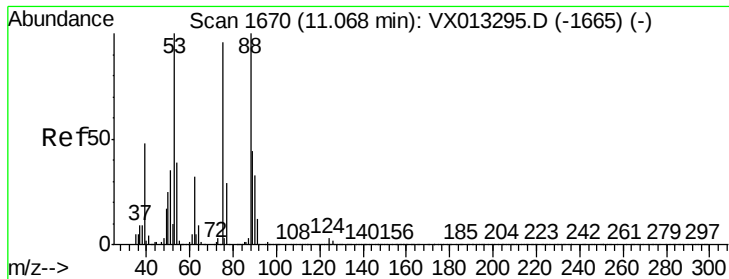
Tgt Ion: 105 Resp: 1490143

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.532 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

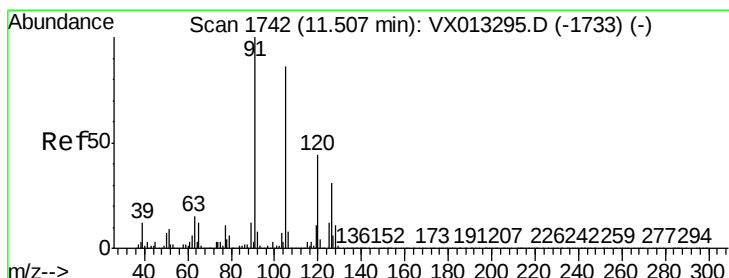
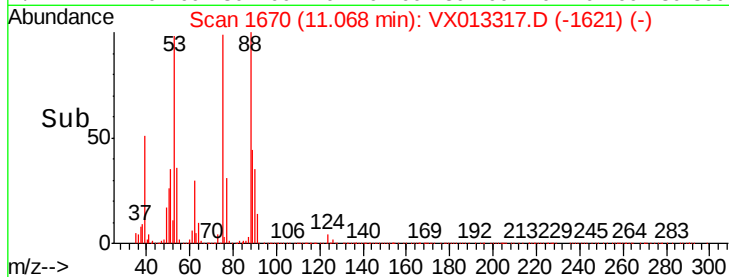
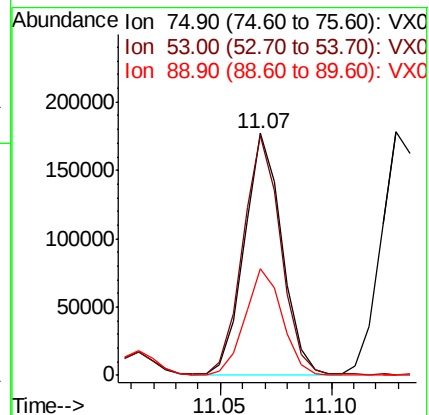
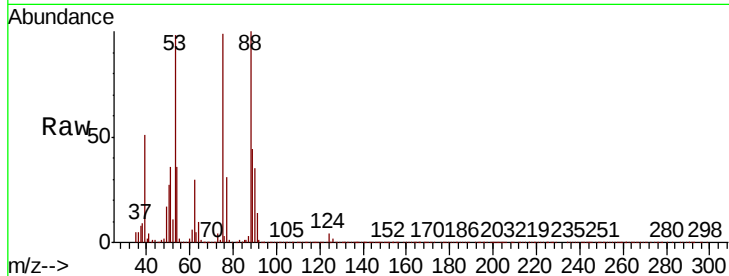
Tot Ion: 75 Resp: 208598

Ion Ratio Lower Upper

75 100

53 99.7 81.0 121.6

89 43.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.232 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013317.D

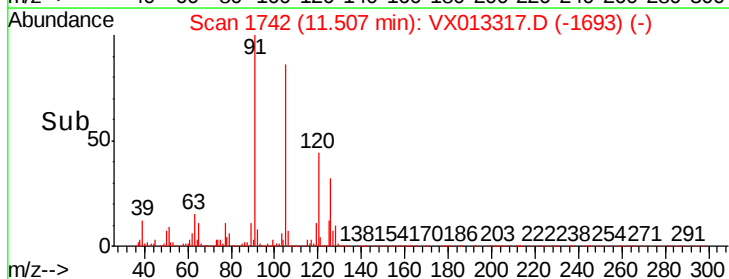
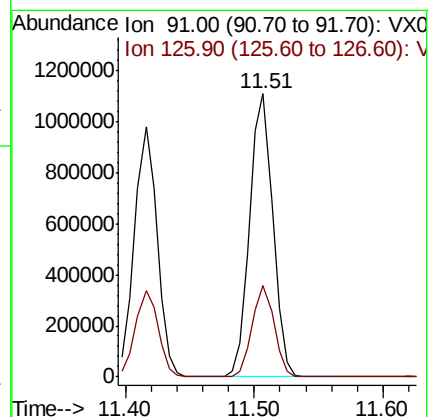
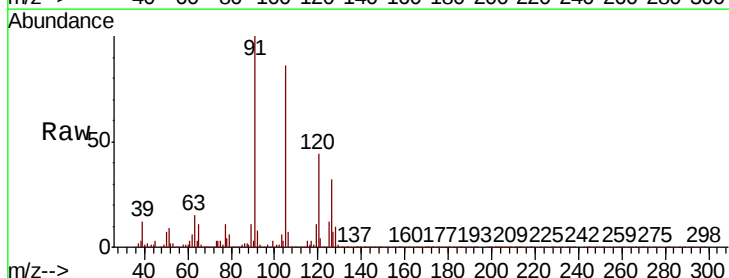
Acq: 01 Nov 2019 17:29

Tgt Ion: 91 Resp: 1368778

Ion Ratio Lower Upper

91 100

126 30.7 15.3 45.8





#83

tert-Butylbenzene

Concen: 51.818 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

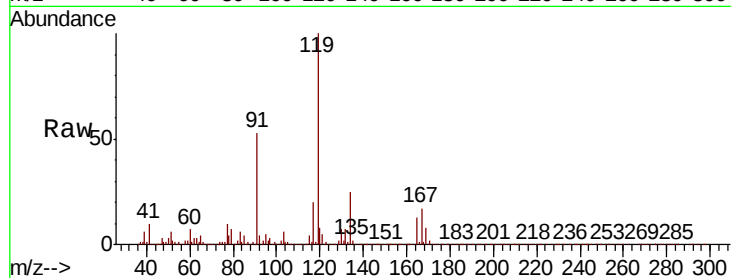
Instrument :

MSVOA_X

ClientSampled :

Tot Ion:119 Resp: 1506966

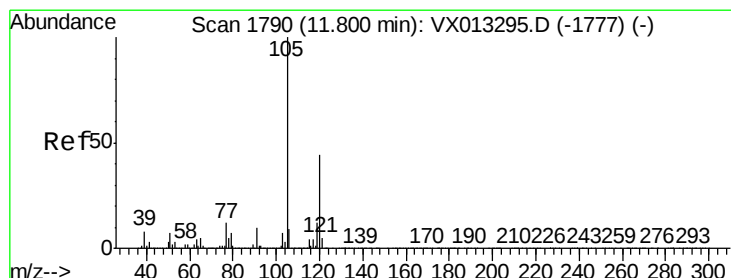
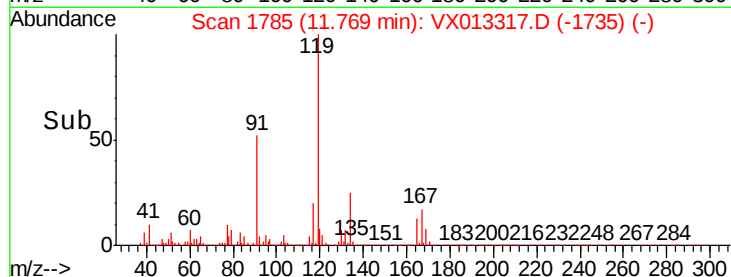
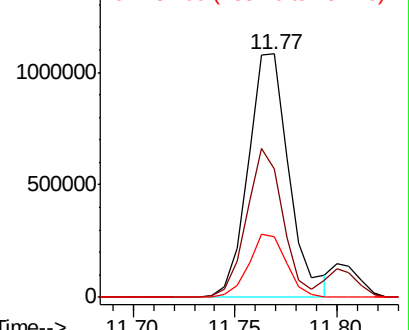
Ion	Ratio	Lower	Upper
119	100		
91	54.2	26.9	80.7
134	24.0	11.7	35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.141 ug/l

RT: 11.80 min Scan# 1790

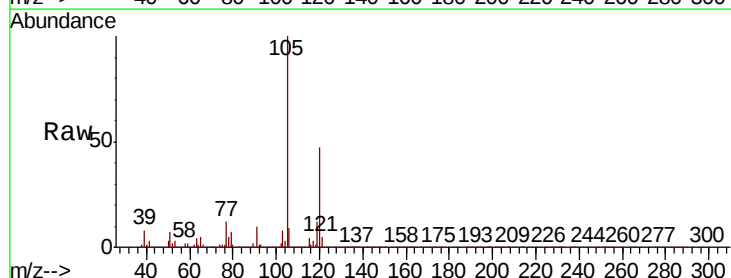
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

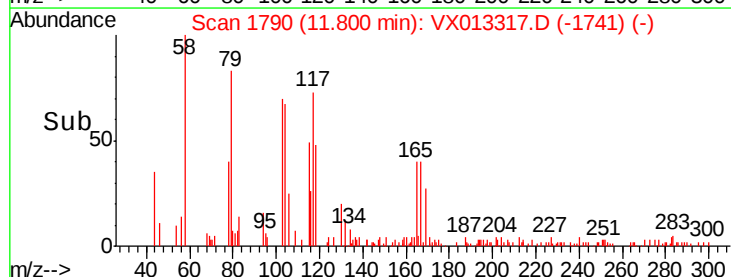
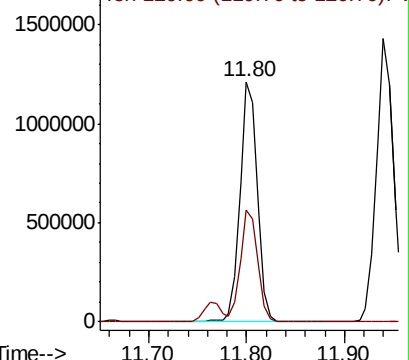
Tgt Ion:105 Resp: 1482122

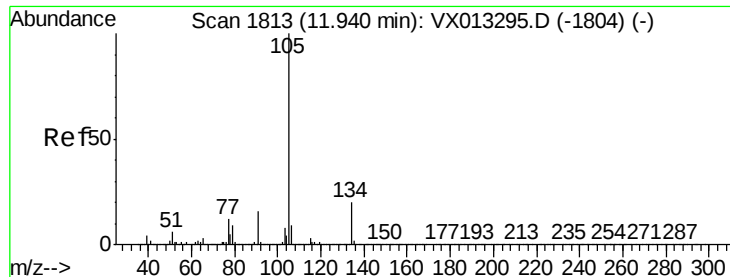
Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.364 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

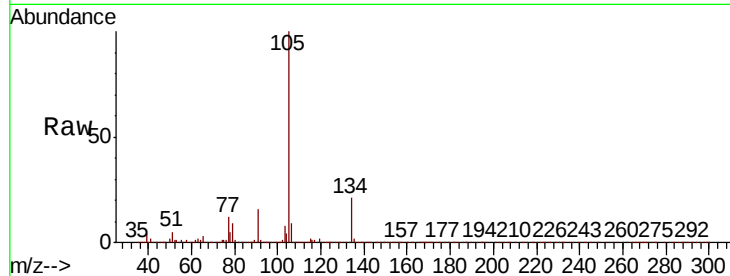
ClientSampleId :

Tot Ion:105 Resp: 1716784

Ion Ratio Lower Upper

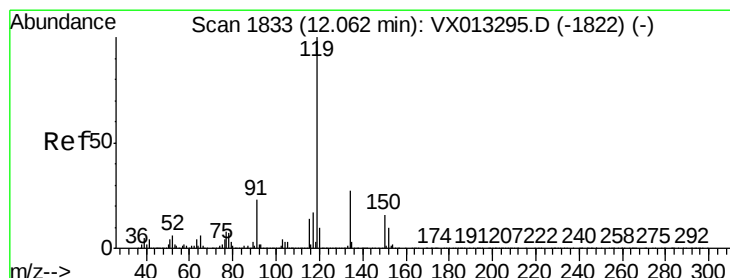
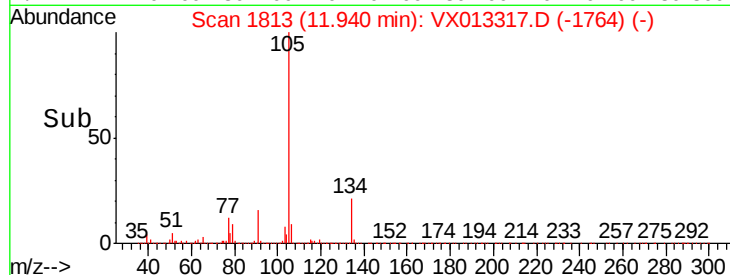
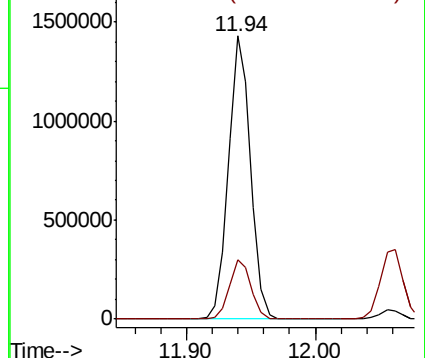
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.812 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

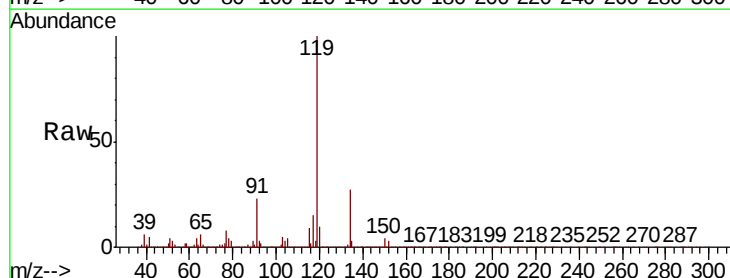
Tgt Ion:119 Resp: 1594649

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

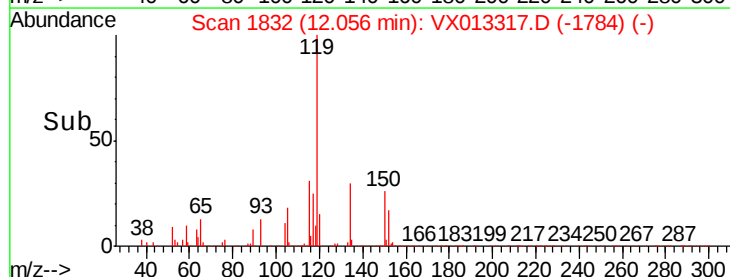
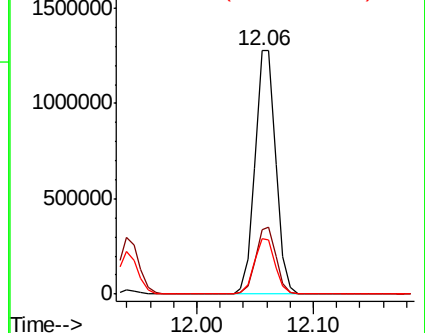
91 22.6 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

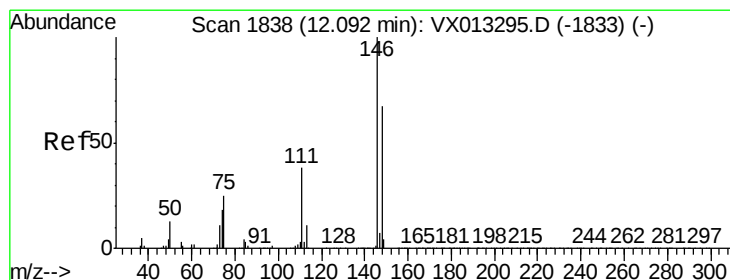
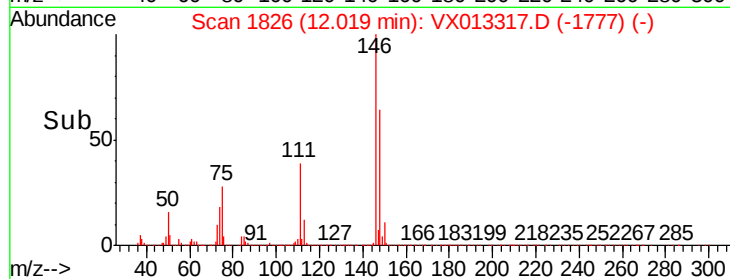
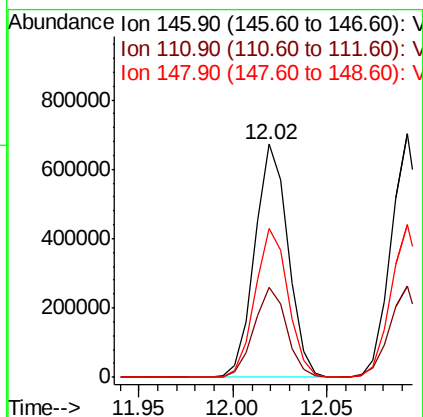
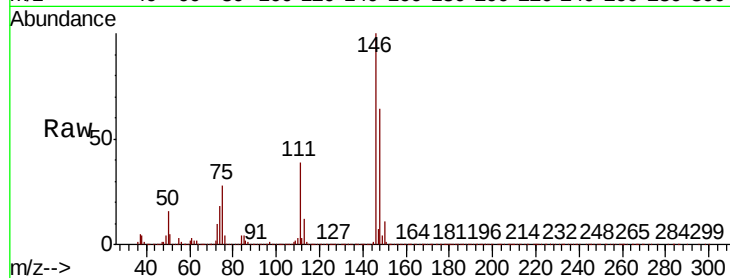




#87
 1,3-Dichlorobenzene
 Concen: 49.969 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

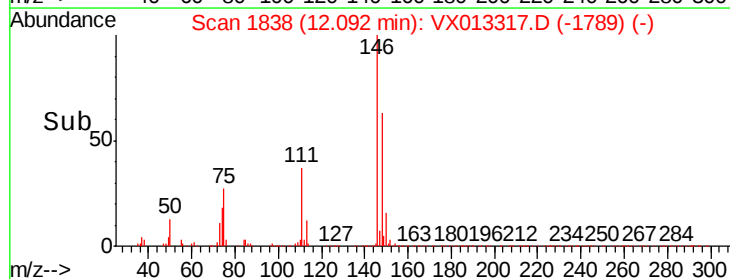
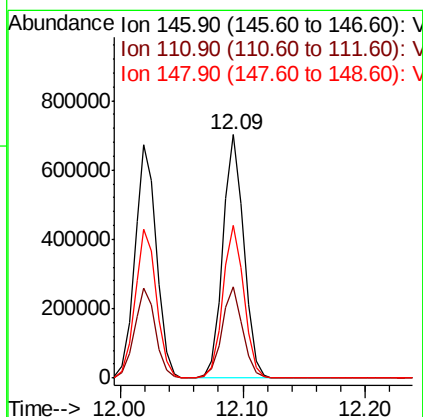
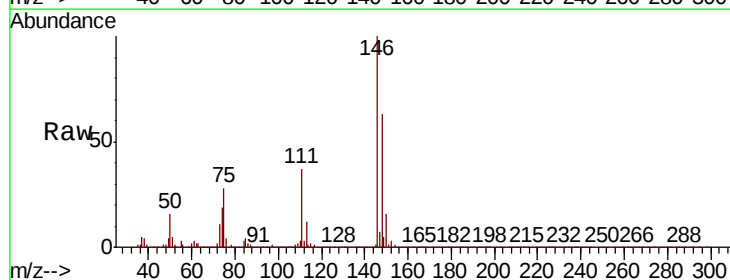
Instrument :
 MSVOA_X
 ClientSampleId :

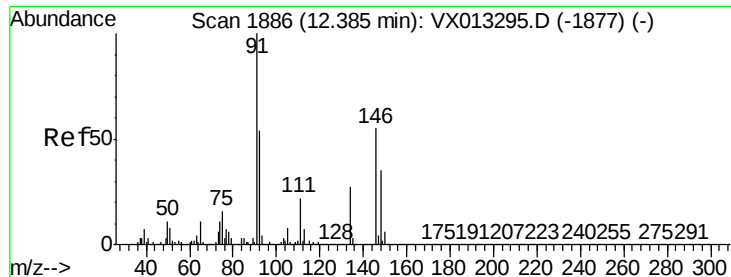
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.5
148	63.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.359 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	63.1	32.4	97.0





#89

n-Butylbenzene

Concen: 51.710 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

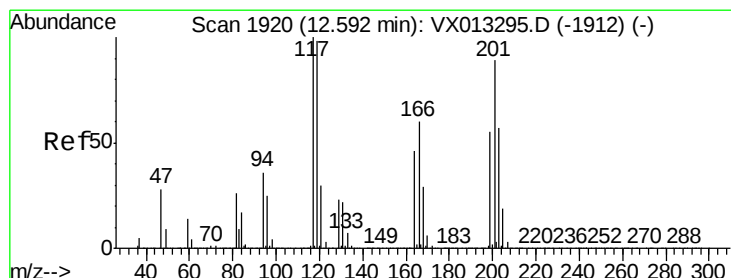
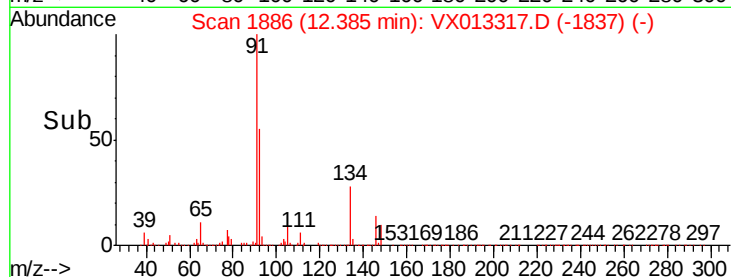
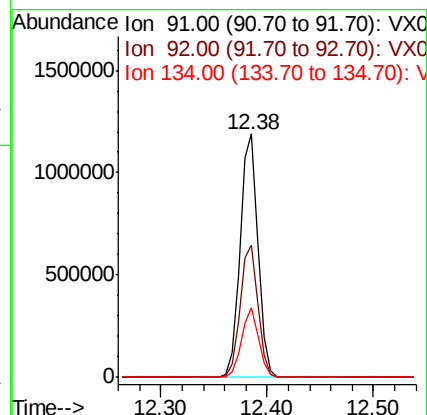
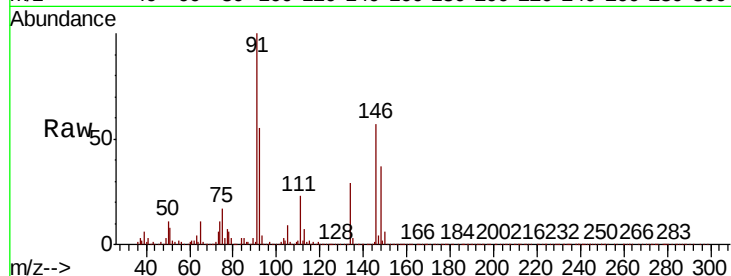
Tot Ion: 91 Resp: 1388710

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.8

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 50.935 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013317.D

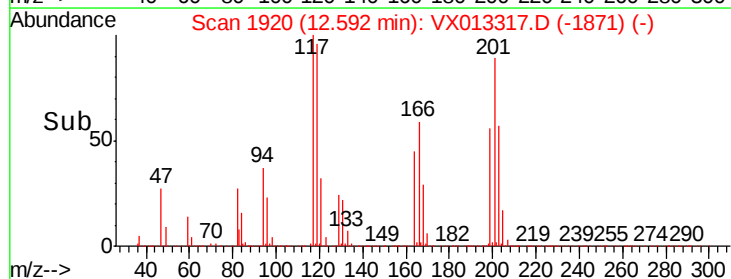
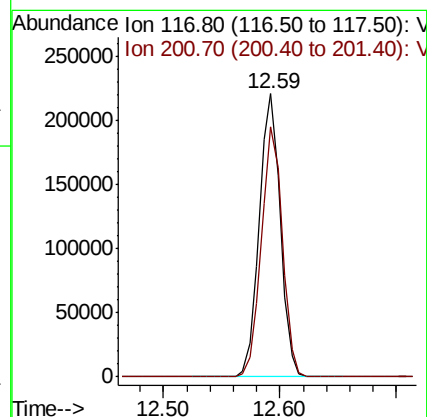
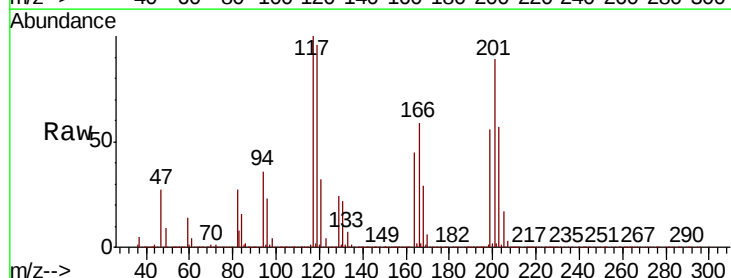
Acq: 01 Nov 2019 17:29

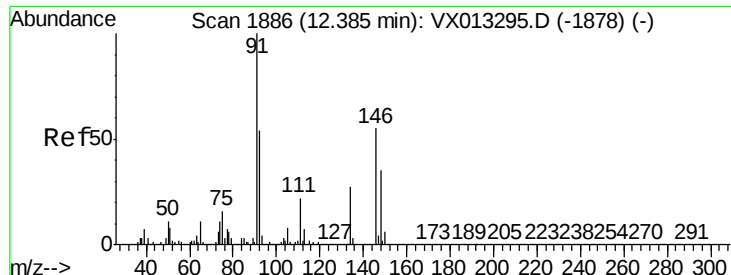
Tgt Ion: 117 Resp: 279311

Ion Ratio Lower Upper

117 100

201 88.6 43.9 131.7

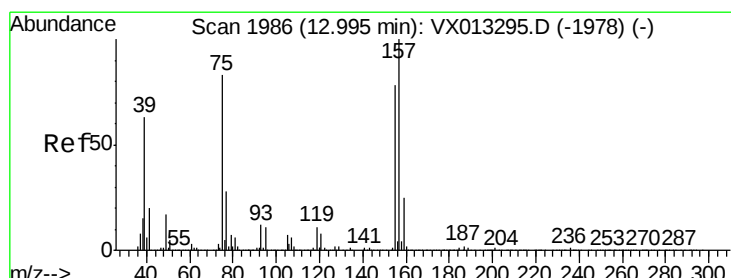
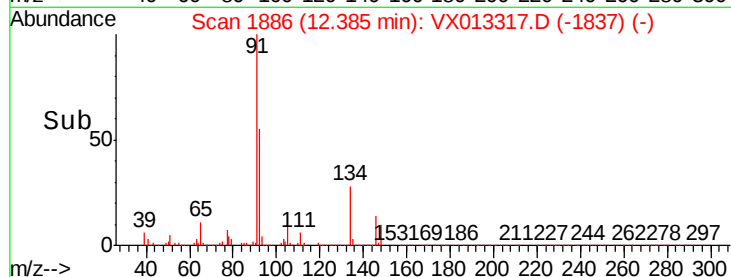
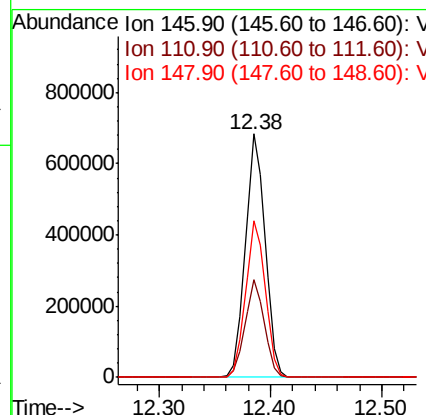
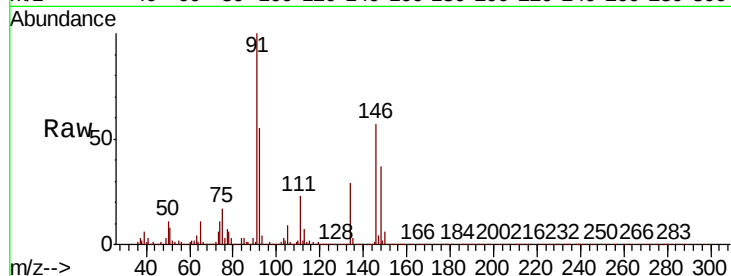




#91
 1,2-Dichlorobenzene
 Concen: 50.952 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

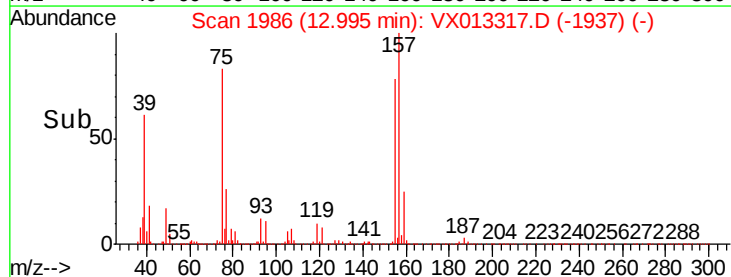
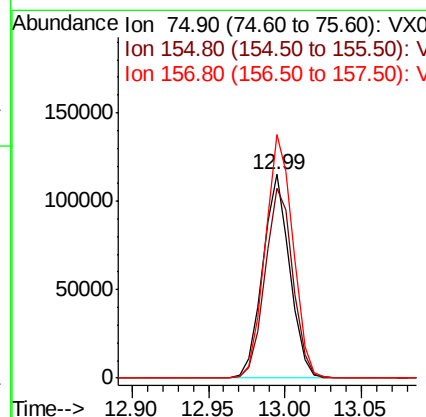
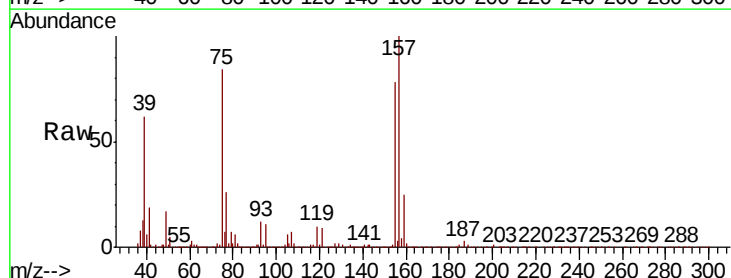
Instrument :
 MSVOA_X
 ClientSampled :

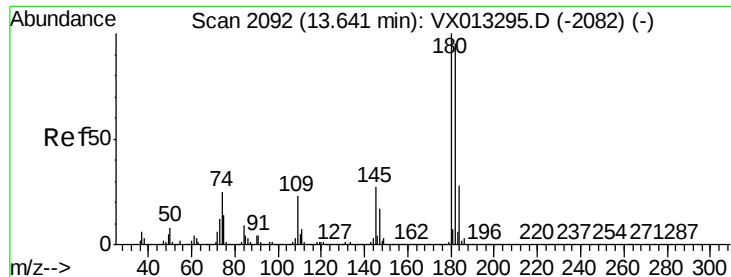
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.1	60.2
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.211 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	47.1	141.4
157	122.3	61.3	183.8

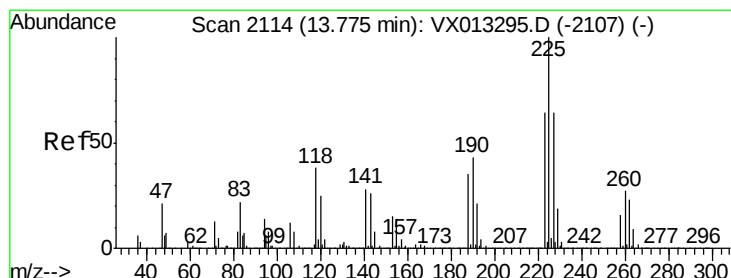
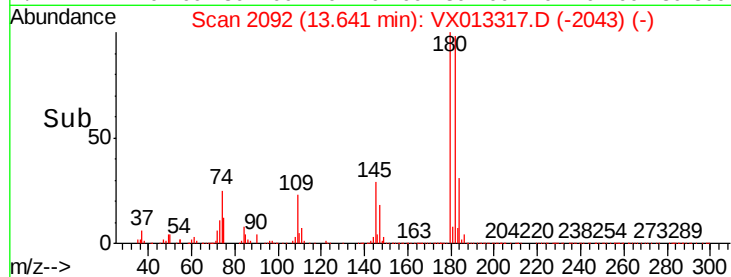
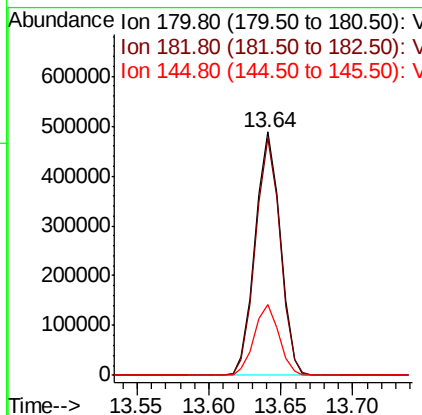
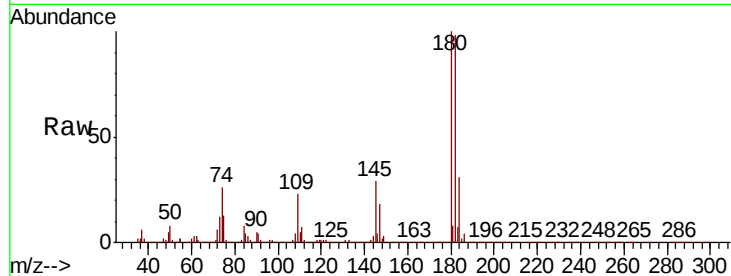




#93
 1,2,4-Trichlorobenzene
 Concen: 50.956 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

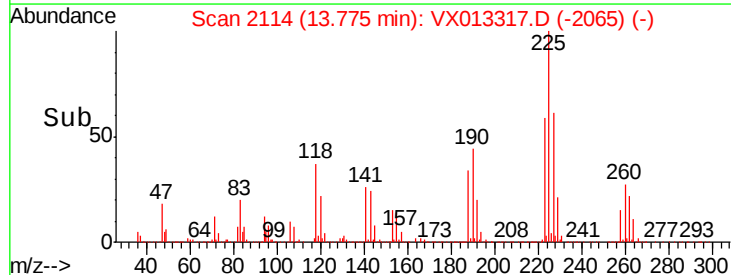
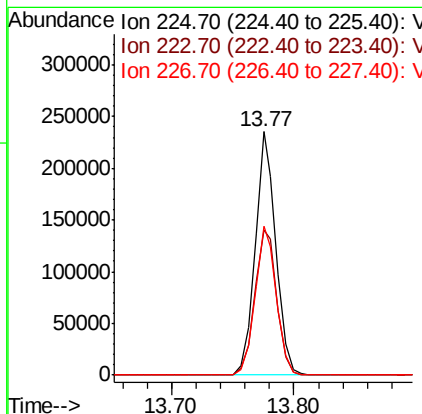
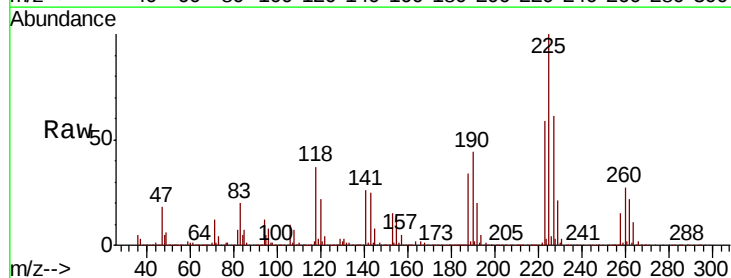
Instrument :
 MSVOA_X
 ClientSampleId :

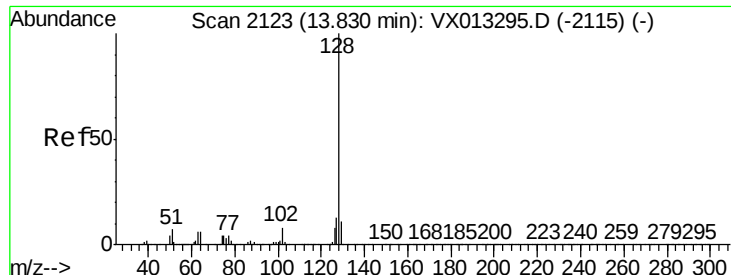
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.4	145.0
145	28.6	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 49.092 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.9	95.7
227	62.7	31.9	95.9





#95

Naphthalene

Concen: 52.786 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

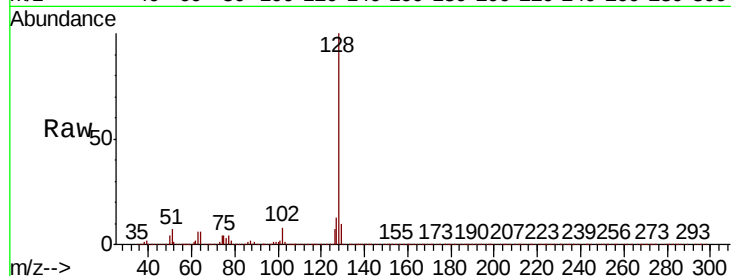
Tot Ion:128 Resp: 1903268

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

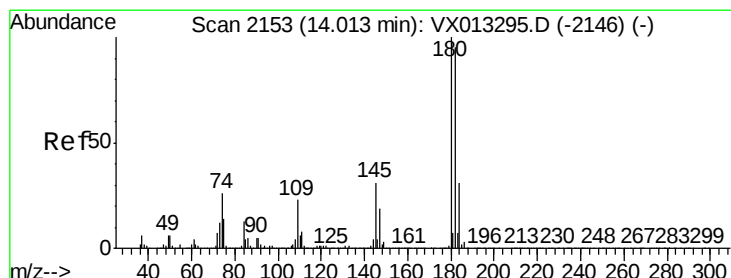
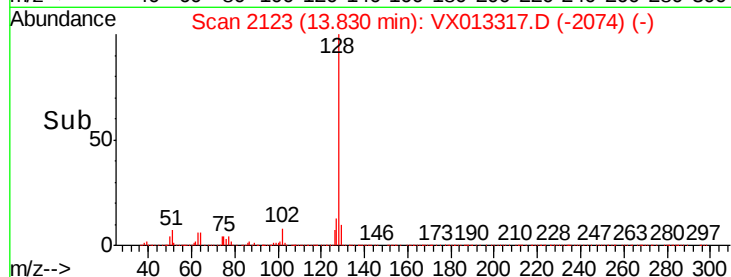
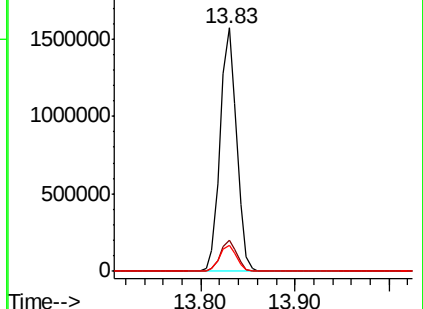
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.936 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

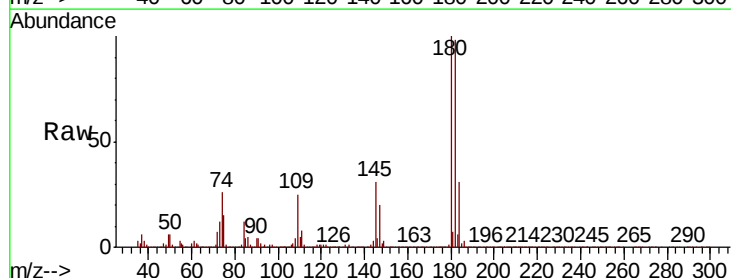
Tgt Ion:180 Resp: 587047

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.2

145 29.9 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

