

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013398.D
 Acq On : 13 Nov 2019 10:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 04:32:07 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	5.64	168	668628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1010957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	923971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	471481	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	379465	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.48	113	314332	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.71	98	1172030	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	430728	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	362533	47.058	ug/l	100
3) Chloromethane	1.31	50	394827	47.260	ug/l	98
4) Vinyl Chloride	1.40	62	450581	47.374	ug/l	100
5) Bromomethane	1.62	94	287203	43.331	ug/l	96
6) Chloroethane	1.71	64	253048	46.458	ug/l	97
7) Trichlorofluoromethane	1.92	101	498420	44.355	ug/l	98
8) Diethyl Ether	2.17	74	241956	48.692	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	319161	50.959	ug/l	97
10) Methyl Iodide	2.50	142	404001	52.101	ug/l	97
11) Tert butyl alcohol	3.03	59	443066	212.216	ug/l	99
12) 1,1-Dichloroethene	2.36	96	307004	50.056	ug/l	100
13) Acrolein	2.28	56	283804	250.813	ug/l	99
14) Allyl chloride	2.72	41	583967	52.403	ug/l	95
15) Acrylonitrile	3.12	53	995147	255.170	ug/l	99
16) Acetone	2.42	43	913147	231.117	ug/l	100
17) Carbon Disulfide	2.56	76	791230	48.199	ug/l	99
18) Methyl Acetate	2.76	43	565372	51.831	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1116177	54.564	ug/l	97
20) Methylene Chloride	2.84	84	368184	50.436	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	332436	49.781	ug/l	99
22) Diisopropyl ether	3.84	45	1192528	55.429	ug/l	98
23) Vinyl Acetate	3.80	43	4950071	268.882	ug/l	100
24) 1,1-Dichloroethane	3.68	63	625524	51.974	ug/l	100
25) 2-Butanone	4.65	43	1428583	246.469	ug/l	99
26) 2,2-Dichloropropane	4.56	77	502385	52.472	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	395378	52.853	ug/l	100
28) Bromochloromethane	5.00	49	179439	52.510	ug/l	99
29) Tetrahydrofuran	5.11	42	899122	251.724	ug/l	99
30) Chloroform	5.19	83	618499	52.044	ug/l	97
31) Cyclohexane	5.56	56	538292	49.705	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	513471	50.205	ug/l	99
36) 1,1-Dichloropropene	5.79	75	453655	52.308	ug/l	100
37) Ethyl Acetate	4.81	43	542218	50.596	ug/l	100
38) Carbon Tetrachloride	5.77	117	433118	51.070	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013398.D
 Acq On : 13 Nov 2019 10:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 04:32:07 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	560561	51.873	ug/l	99
40) Benzene	6.12	78	1421054	52.601	ug/l	99
41) Methacrylonitrile	5.02	41	312141	51.966	ug/l	99
42) 1,2-Dichloroethane	6.18	62	513908	52.738	ug/l	98
43) Isopropyl Acetate	6.42	43	893544	53.545	ug/l	99
44) Trichloroethene	7.20	130	379424	51.023	ug/l	98
45) 1,2-Dichloropropane	7.50	63	378672	55.012	ug/l	100
46) Dibromomethane	7.65	93	250040	53.202	ug/l	98
47) Bromodichloromethane	7.89	83	492510	55.573	ug/l	95
48) Methyl methacrylate	7.76	41	446257	53.572	ug/l	97
49) 1,4-Dioxane	7.73	88	185048	970.012	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2779533	253.872	ug/l	99
52) Toluene	8.78	92	890963	53.211	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	562112	58.003	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	615143	56.745	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	380426	54.815	ug/l	99
56) Ethyl methacrylate	9.17	69	618278	52.114	ug/l	96
57) 1,3-Dichloropropane	9.36	76	633336	53.758	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1234309	260.109	ug/l	100
59) 2-Hexanone	9.48	43	2154840	254.685	ug/l	99
60) Dibromochloromethane	9.57	129	401802	56.608	ug/l	99
61) 1,2-Dibromoethane	9.67	107	395009	53.600	ug/l	100
64) Tetrachloroethene	9.33	164	334836	50.622	ug/l	99
65) Chlorobenzene	10.13	112	969548	51.830	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	372474	54.230	ug/l	99
67) Ethyl Benzene	10.25	91	1698553	52.611	ug/l	99
68) m/p-Xylenes	10.35	106	1307336	107.072	ug/l	99
69) o-Xylene	10.69	106	640432	53.575	ug/l	98
70) Styrene	10.71	104	1104993	55.299	ug/l	99
71) Bromoform	10.85	173	317819	49.912	ug/l	99
73) Isopropylbenzene	11.01	105	1666428	53.309	ug/l	100
74) N-amyl acetate	10.89	43	797733	55.031	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	597776	52.418	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	680034	71.011	ug/l	81
77) Bromobenzene	11.25	156	451977	54.236	ug/l	97
78) n-propylbenzene	11.35	91	1907665	54.784	ug/l	99
79) 2-Chlorotoluene	11.42	91	1112873	53.044	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1418828	54.491	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	204095	54.857	ug/l	97
82) 4-Chlorotoluene	11.51	91	1310159	53.347	ug/l	100
83) tert-Butylbenzene	11.76	119	1447243	55.216	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1441304	55.181	ug/l	100
85) sec-Butylbenzene	11.94	105	1626360	53.989	ug/l	100
86) p-Isopropyltoluene	12.06	119	1526041	55.015	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	795998	53.586	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	797571	52.699	ug/l	99
89) n-Butylbenzene	12.39	91	1321447	54.596	ug/l	100
90) Hexachloroethane	12.59	117	274150	55.471	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	797257	53.692	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	127528	45.900	ug/l	99

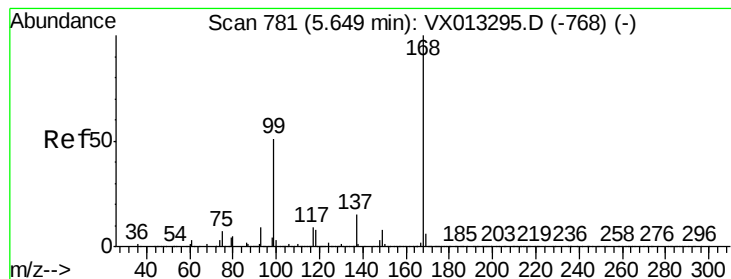
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
Data File : VX013398.D
Acq On : 13 Nov 2019 10:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 14 04:32:07 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	553344	53.424	ug/l	99
94) Hexachlorobutadiene	13.77	225	259041	51.120	ug/l	99
95) Naphthalene	13.83	128	1709952	52.619	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	557358	53.658	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

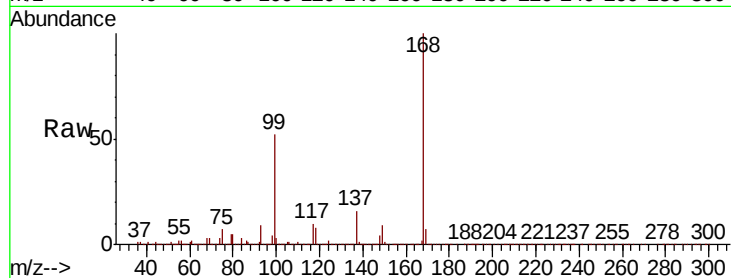
ClientSampleId :

Tot Ion:168 Resp: 668628

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

5.64

250000

200000

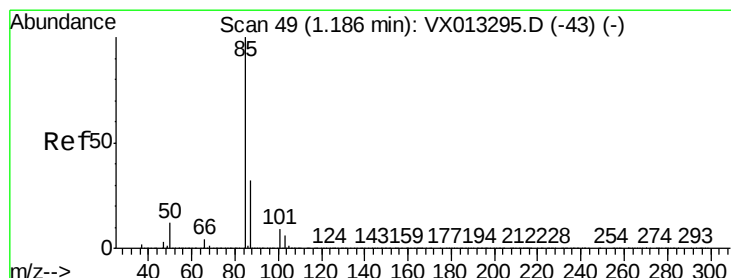
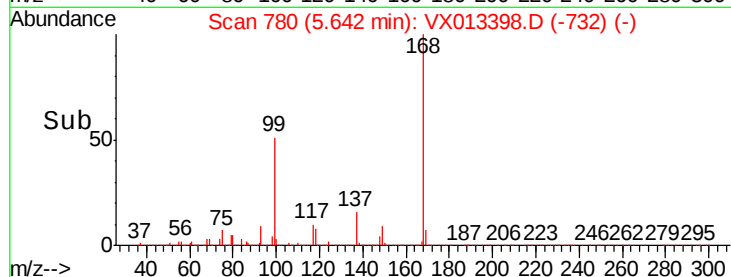
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.058 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013398.D

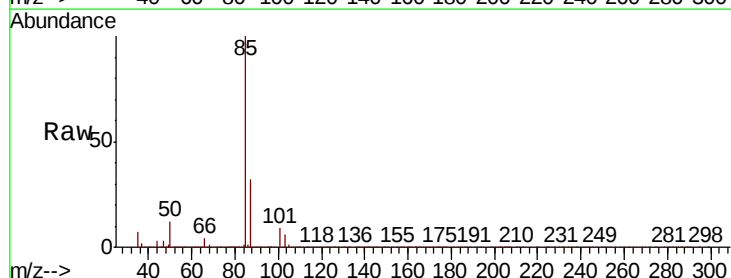
Acq: 13 Nov 2019 10:43

Tgt Ion: 85 Resp: 362533

Ion Ratio Lower Upper

85 100

87 31.9 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

400000

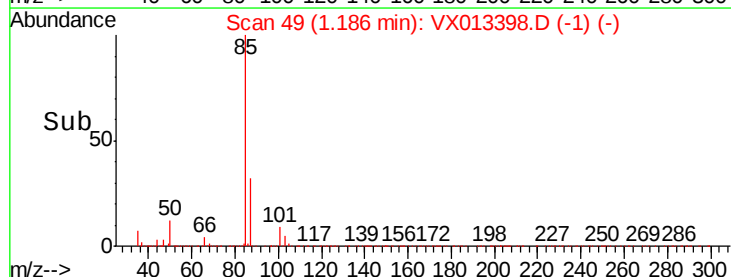
300000

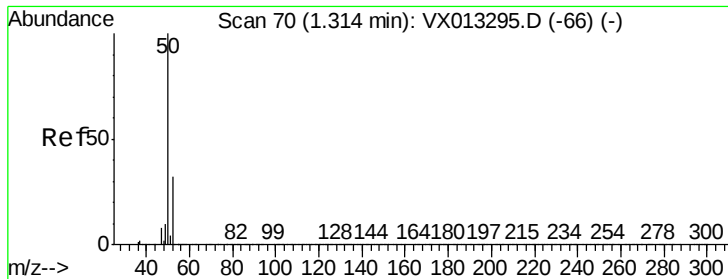
200000

100000

0

Time-->





#3

Chloromethane

Concen: 47.260 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

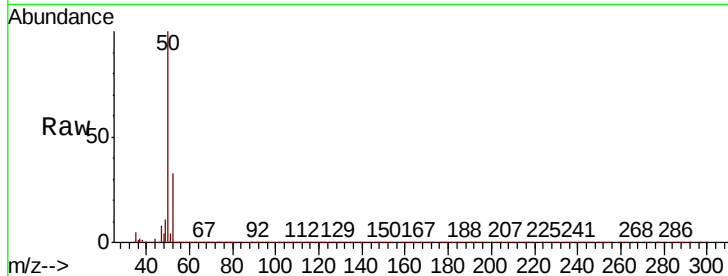
ClientSampleId :

Tot Ion: 50 Resp: 394827

Ion Ratio Lower Upper

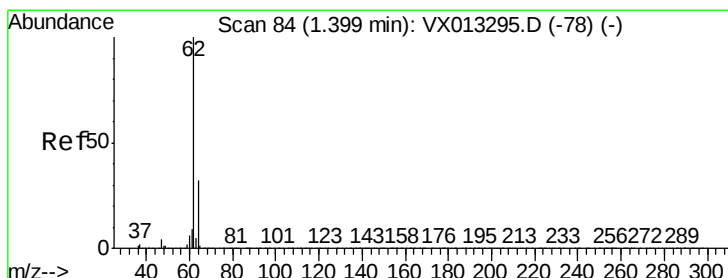
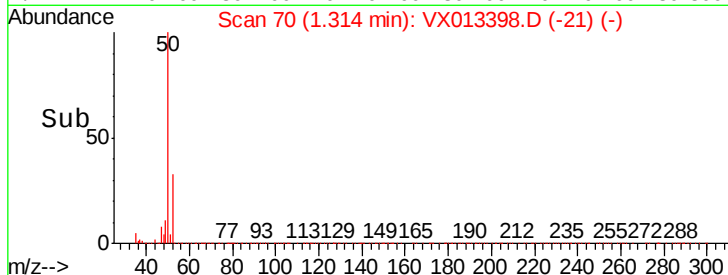
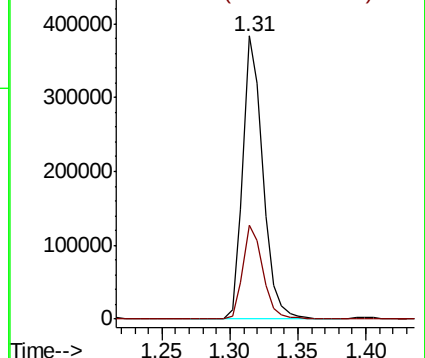
50 100

52 33.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.374 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013398.D

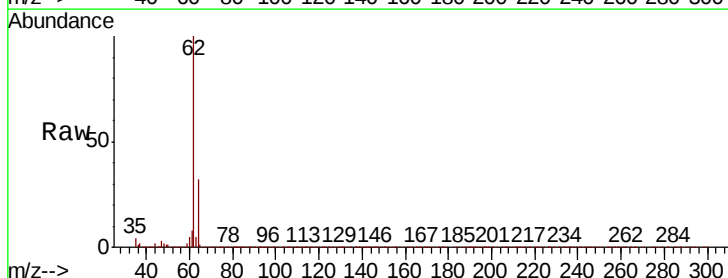
Acq: 13 Nov 2019 10:43

Tgt Ion: 62 Resp: 450581

Ion Ratio Lower Upper

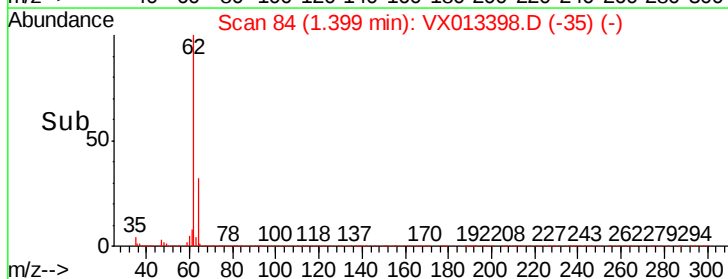
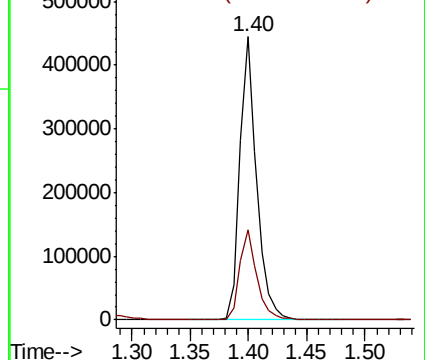
62 100

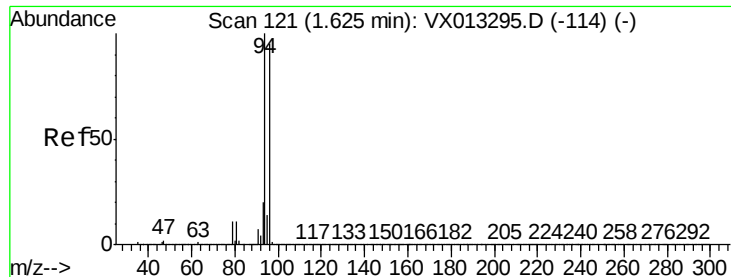
64 31.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.331 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

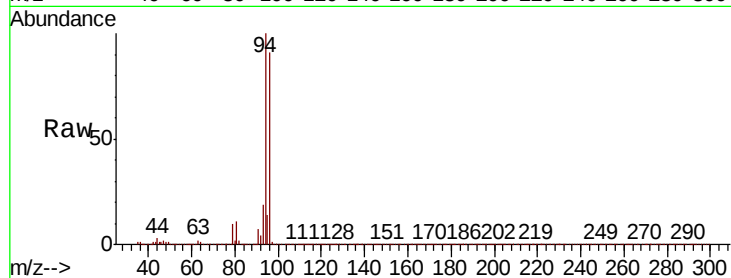
ClientSampleId :

Tot Ion: 94 Resp: 287203

Ion Ratio Lower Upper

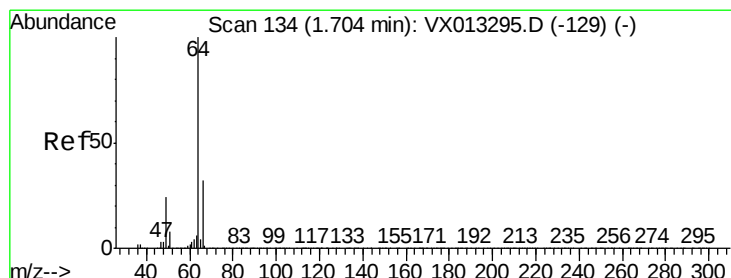
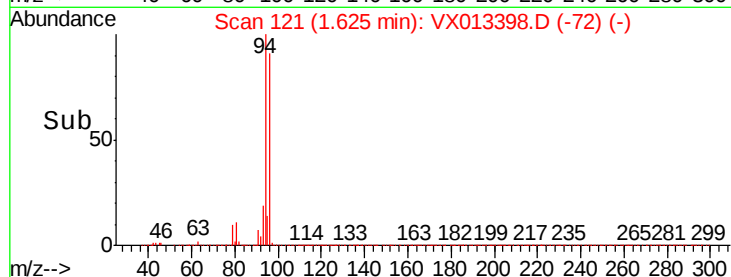
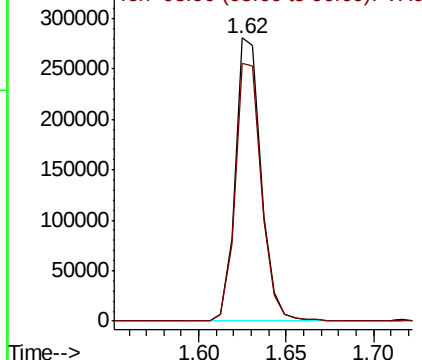
94 100

96 91.3 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.458 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013398.D

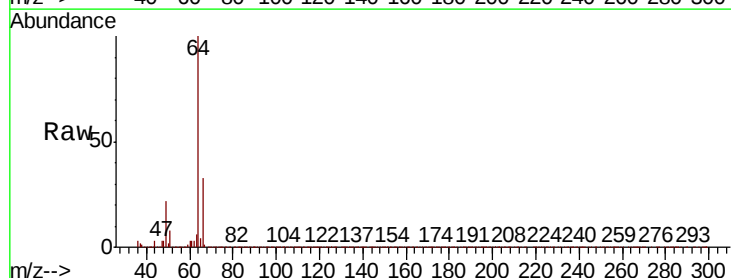
Acq: 13 Nov 2019 10:43

Tgt Ion: 64 Resp: 253048

Ion Ratio Lower Upper

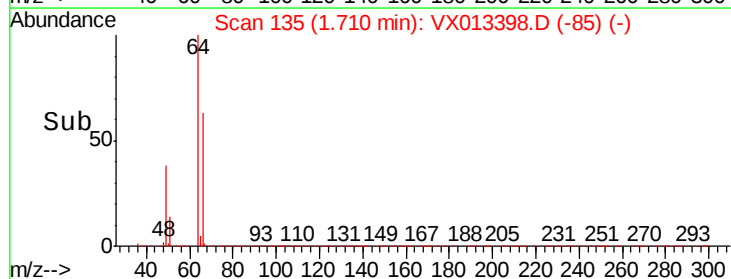
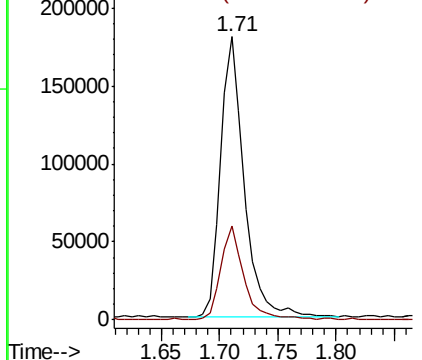
64 100

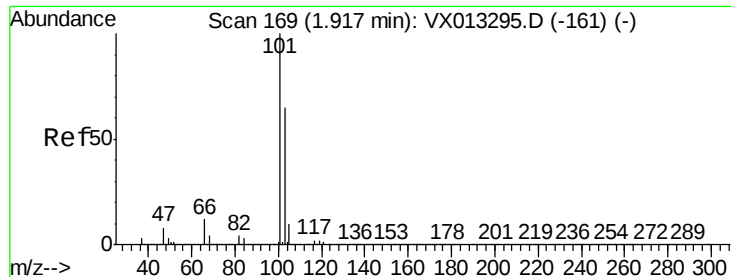
66 33.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



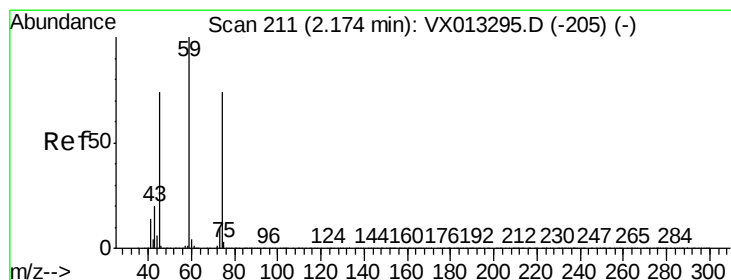
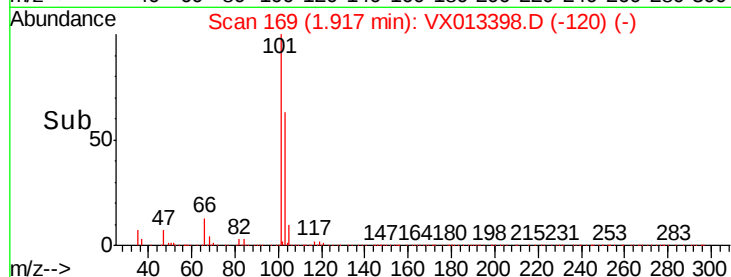
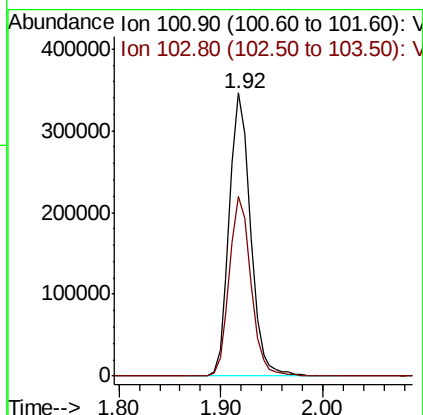
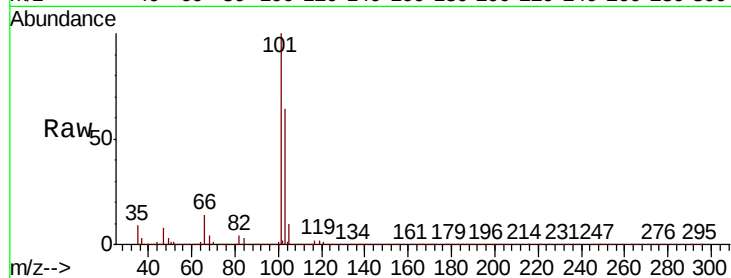


#7

Trichlorofluoromethane
Concen: 44.355 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :

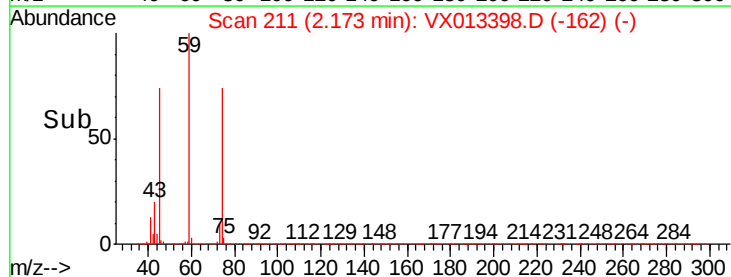
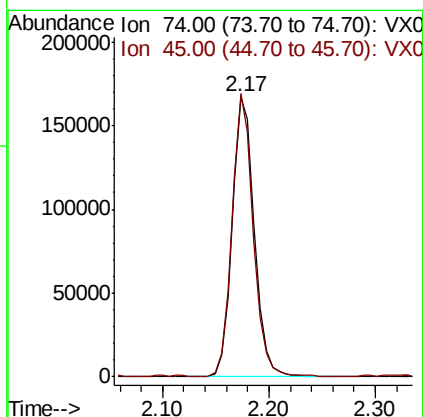
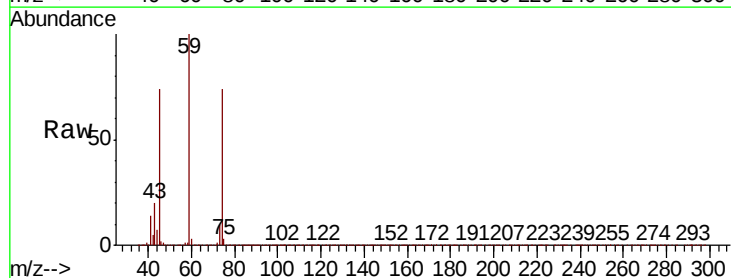
Tot Ion:101 Resp: 498420
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5

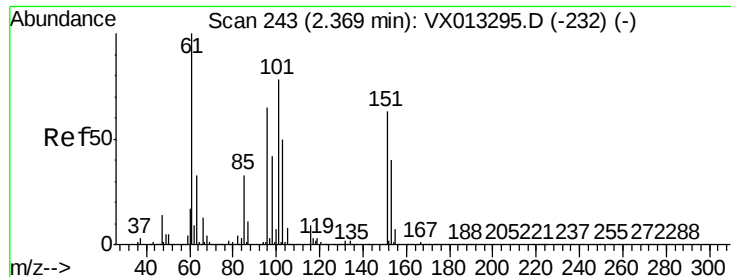


#8

Diethyl Ether
Concen: 48.692 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion: 74 Resp: 241956
Ion Ratio Lower Upper
74 100
45 97.4 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.959 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013398.D

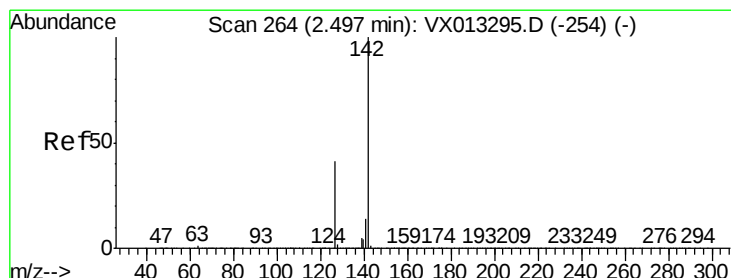
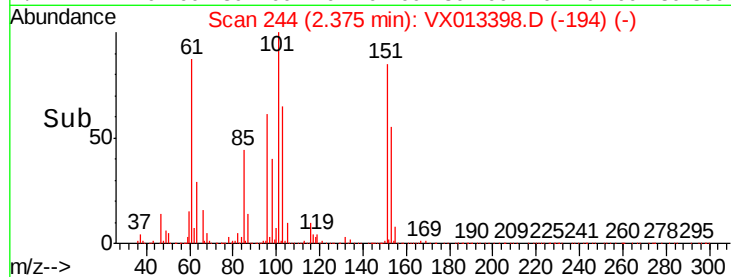
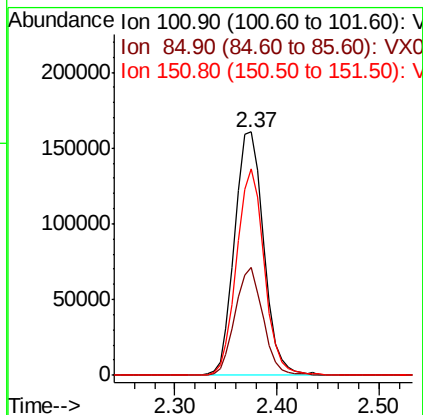
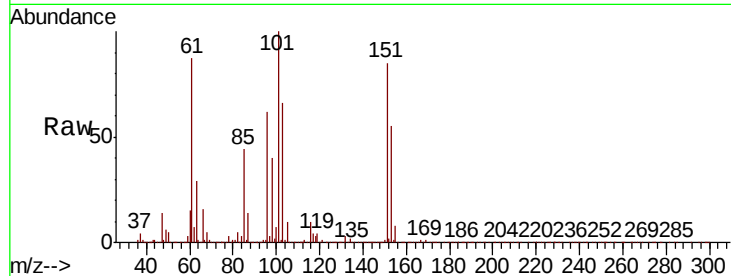
Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	319161
Ion	Ratio	Lower	Upper
101	100		
85	42.0	34.4	51.6
151	80.2	66.4	99.6



#10

Methyl Iodide

Concen: 52.101 ug/l

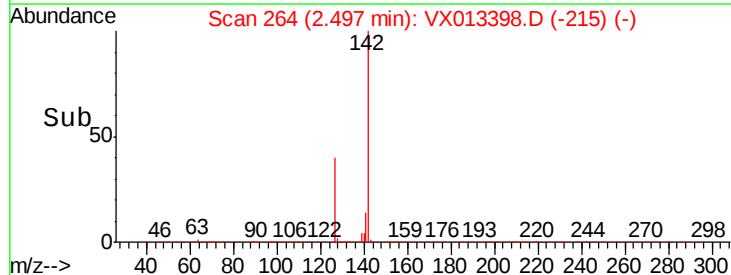
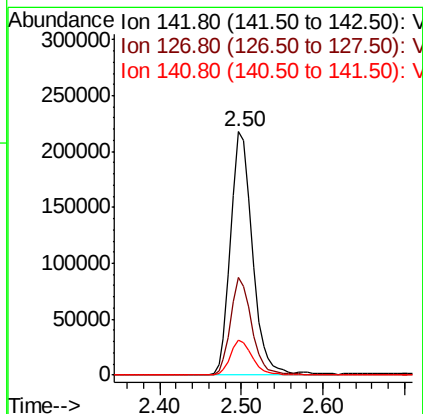
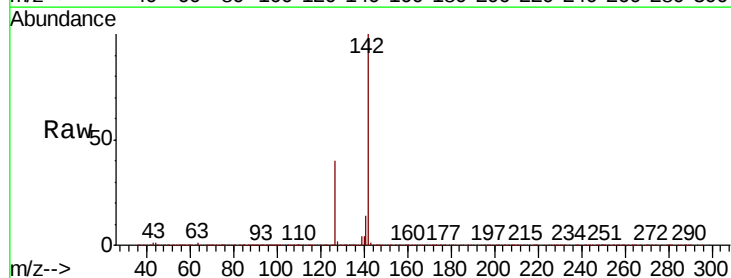
RT: 2.50 min Scan# 264

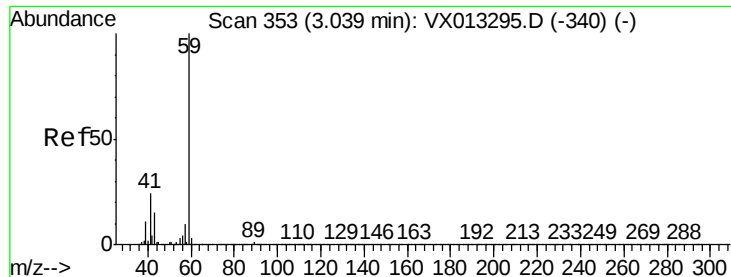
Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Tgt Ion:	142	Resp:	404001
Ion	Ratio	Lower	Upper
142	100		
127	38.1	32.6	49.0
141	14.3	11.6	17.4



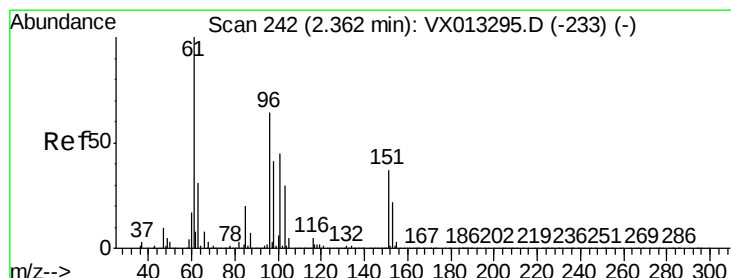
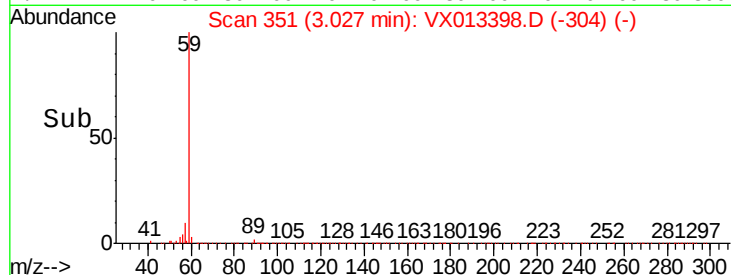
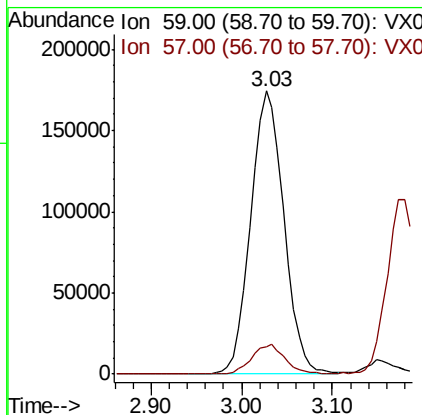
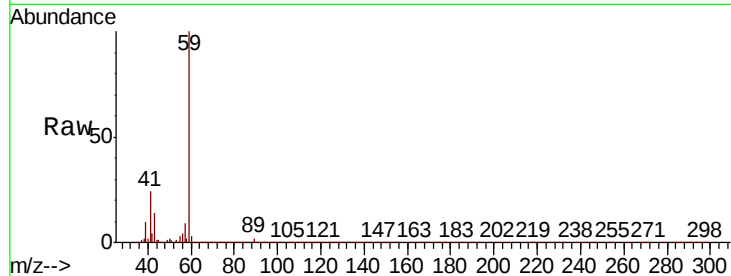


#11

Tert butyl alcohol
Concen: 212.216 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :

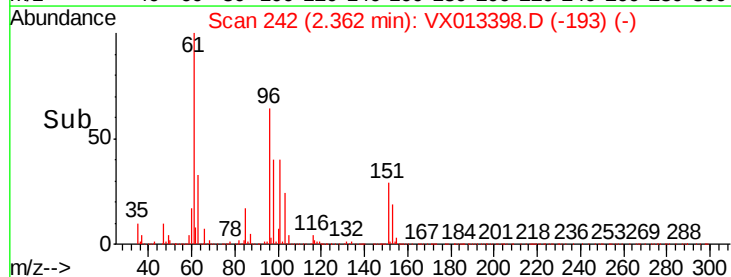
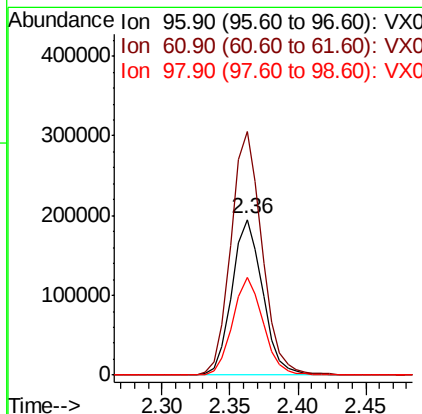
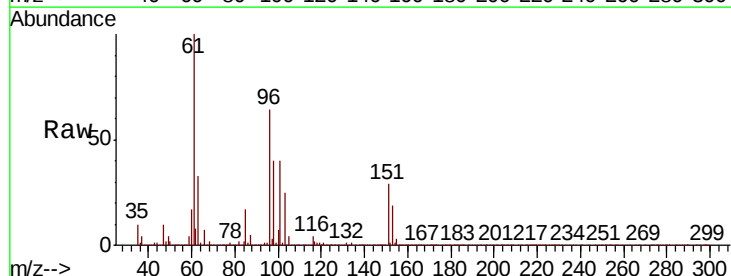
Tot Ion: 59 Resp: 443066
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0

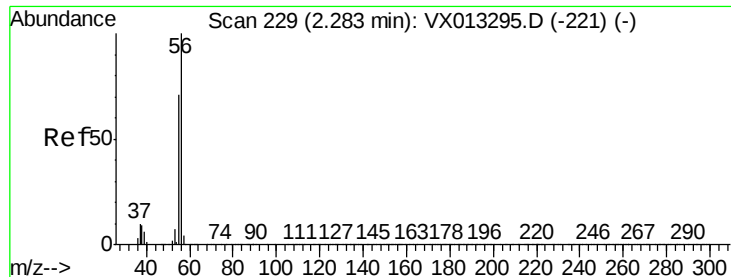


#12

1,1-Dichloroethene
Concen: 50.056 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion: 96 Resp: 307004
Ion Ratio Lower Upper
96 100
61 156.6 125.0 187.6
98 63.1 50.7 76.1





#13

Acrolein

Concen: 250.813 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

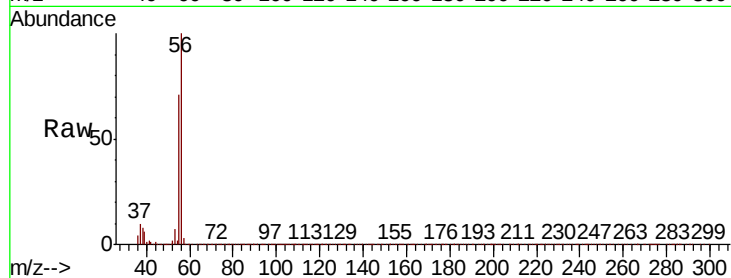
ClientSampleId :

Tot Ion: 56 Resp: 283804

Ion Ratio Lower Upper

56 100

55 70.7 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

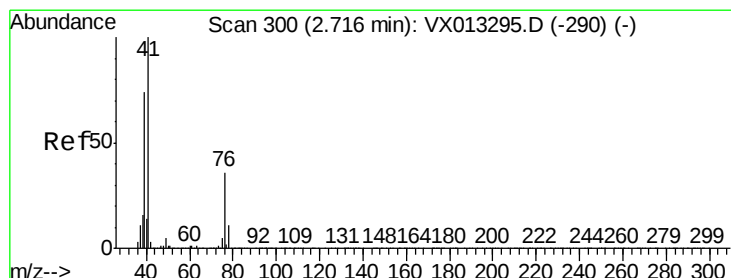
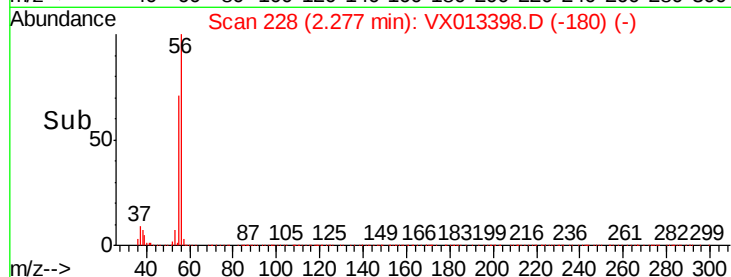
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 52.403 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

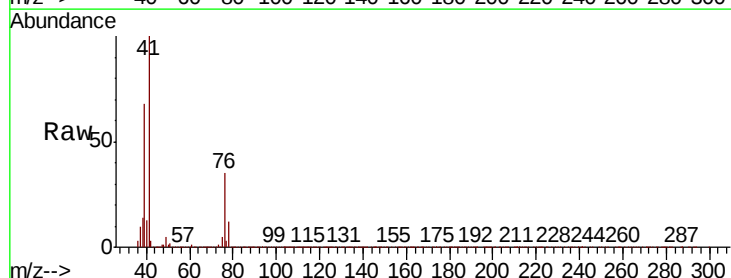
Tgt Ion: 41 Resp: 583967

Ion Ratio Lower Upper

41 100

39 64.5 55.8 83.8

76 32.0 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

500000

400000

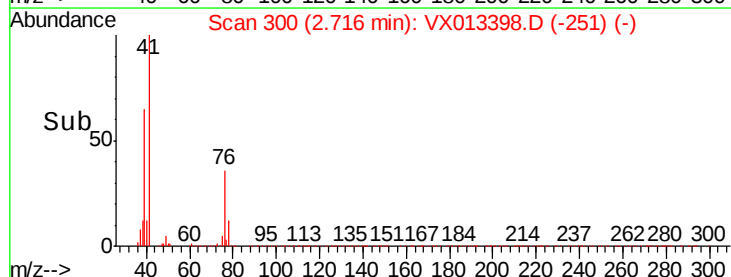
300000

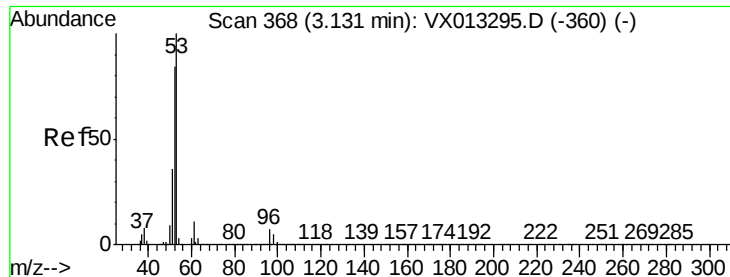
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 255.170 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

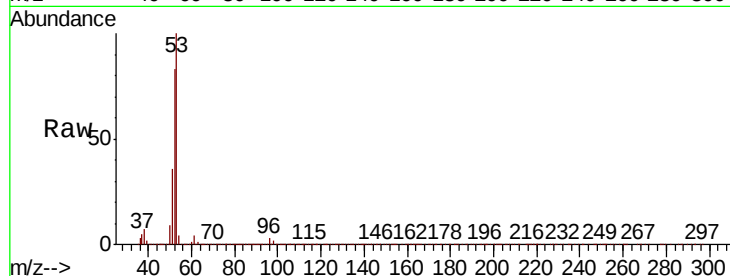
Tot Ion: 53 Resp: 995147

Ion Ratio Lower Upper

53 100

52 83.2 67.4 101.0

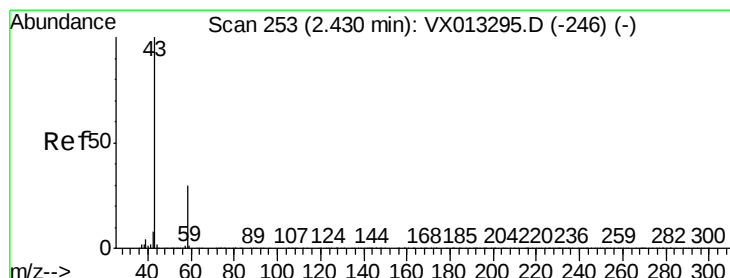
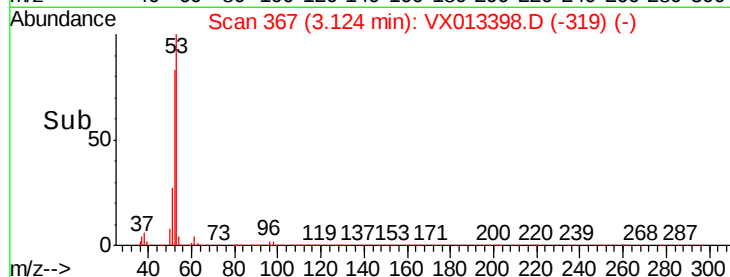
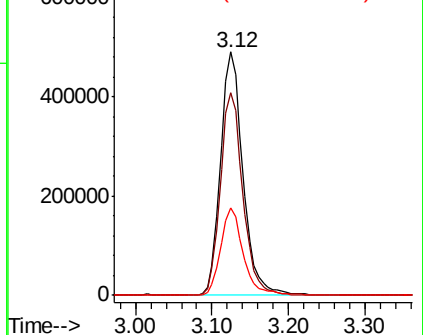
51 35.9 29.4 44.2



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: 231.117 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013398.D

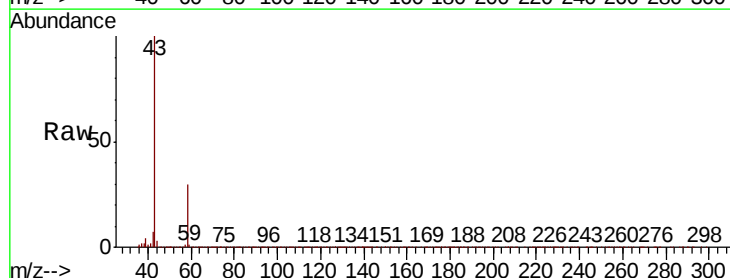
Acq: 13 Nov 2019 10:43

Tgt Ion: 43 Resp: 913147

Ion Ratio Lower Upper

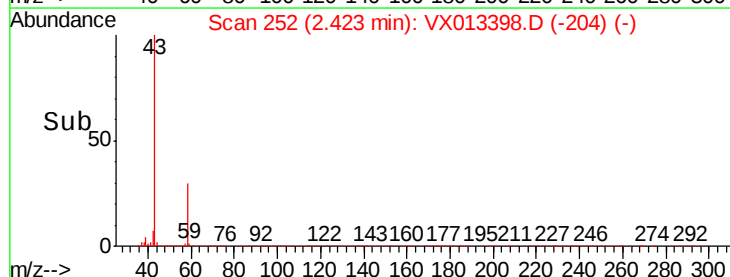
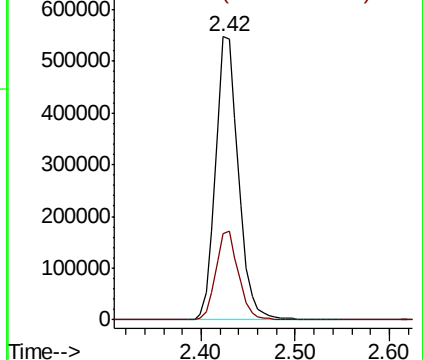
43 100

58 30.5 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: 48.199 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

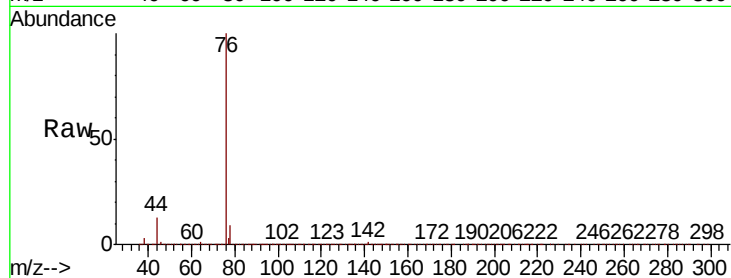
ClientSampleId :

Tot Ion: 76 Resp: 791230

Ion Ratio Lower Upper

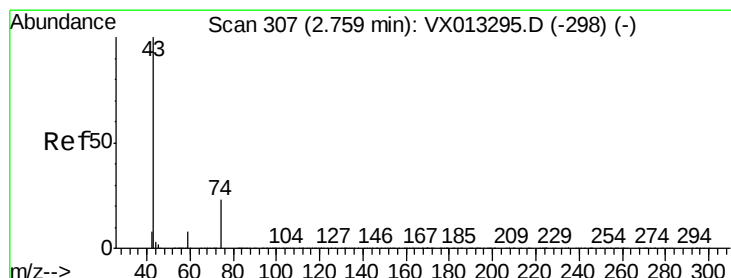
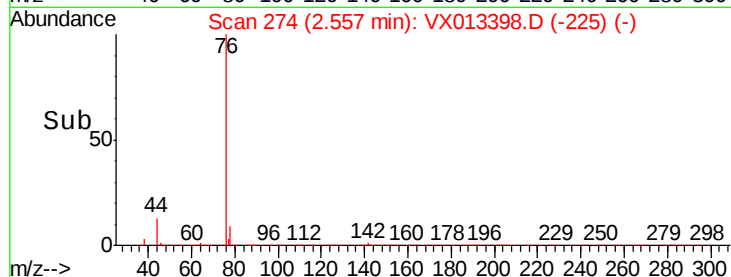
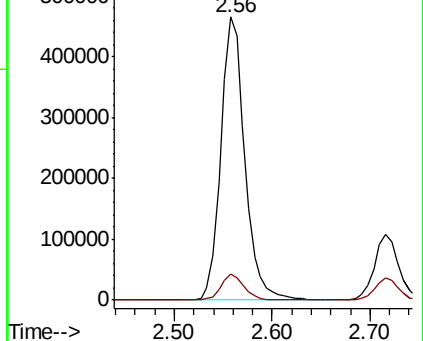
76 100

78 9.1 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: 51.831 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013398.D

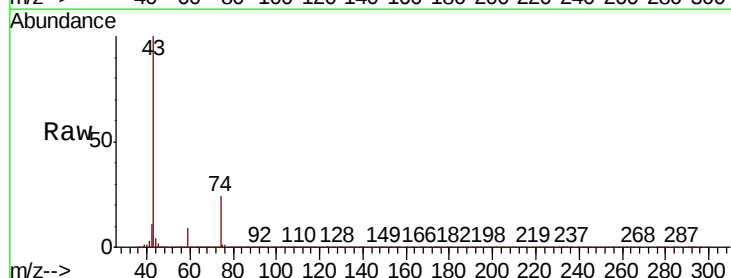
Acq: 13 Nov 2019 10:43

Tgt Ion: 43 Resp: 565372

Ion Ratio Lower Upper

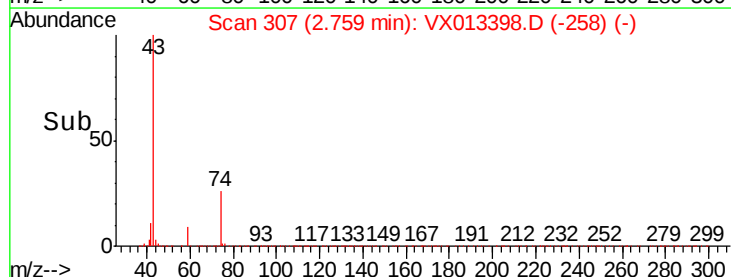
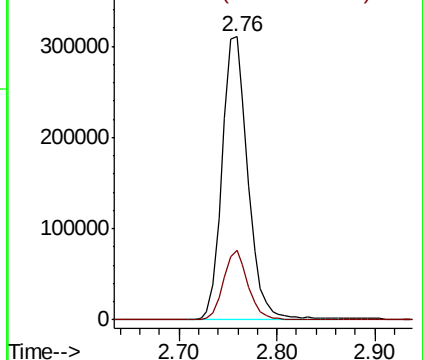
43 100

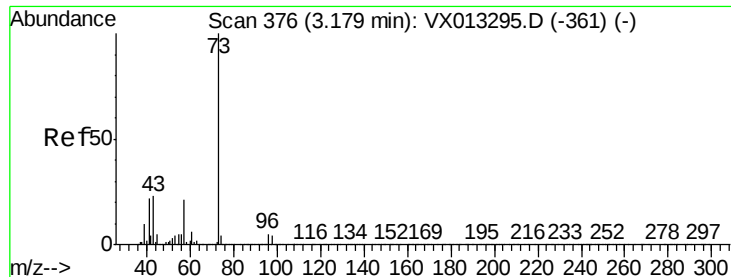
74 23.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

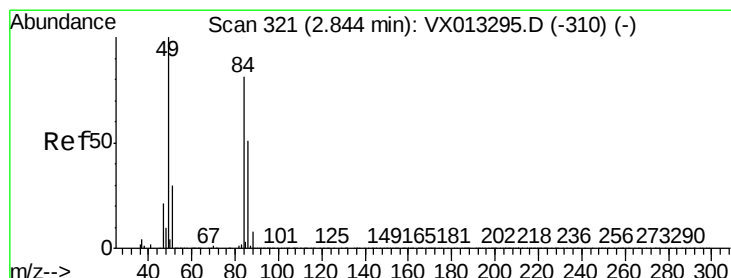
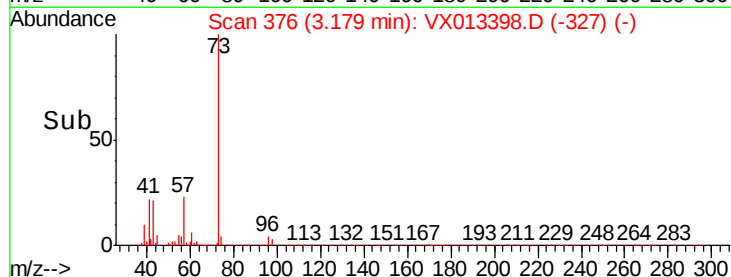
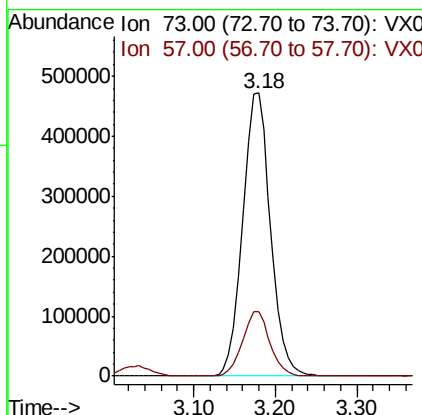
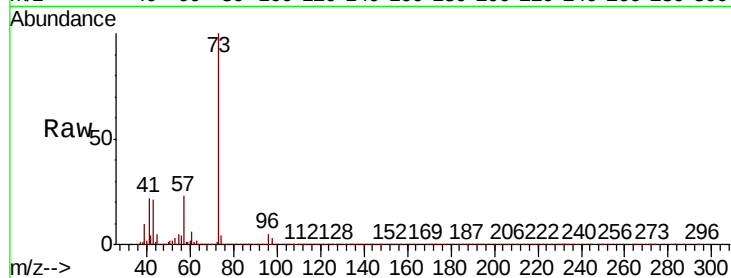




#19
Methvl tert-butvl Ether
Concen: 54.564 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

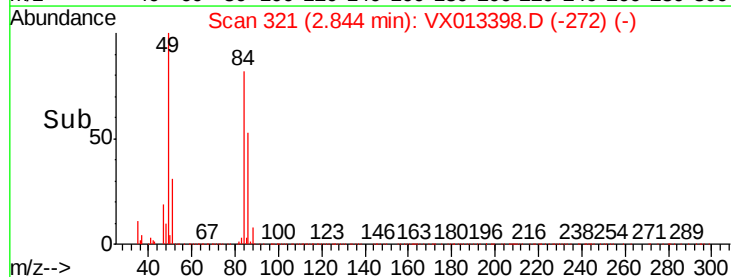
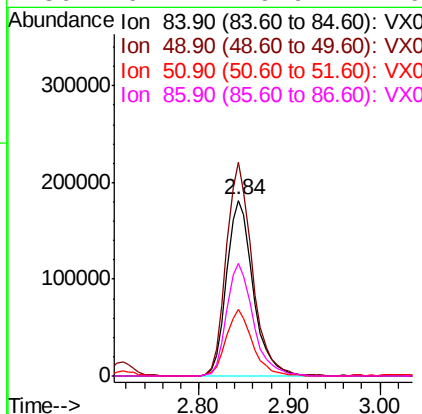
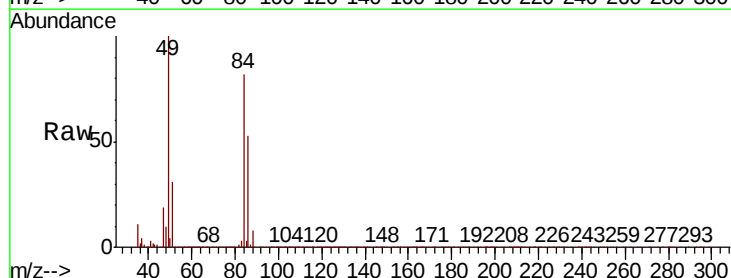
Instrument :
MSVOA_X
ClientSampled :

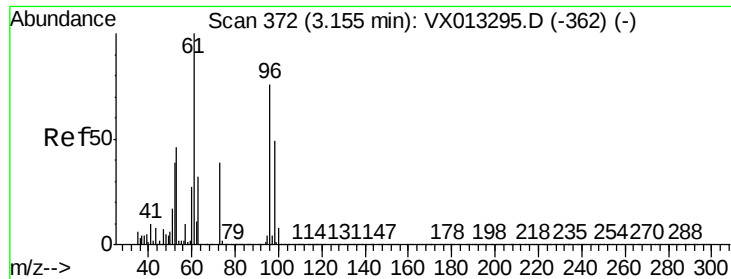
Tot Ion: 73 Resp: 1116177
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 50.436 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion: 84 Resp: 368184
Ion Ratio Lower Upper
84 100
49 121.7 98.2 147.4
51 37.5 29.9 44.9
86 64.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.781 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

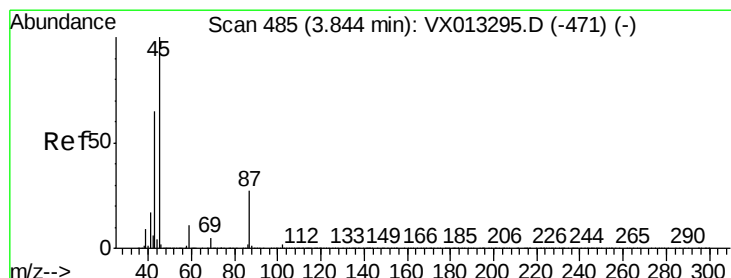
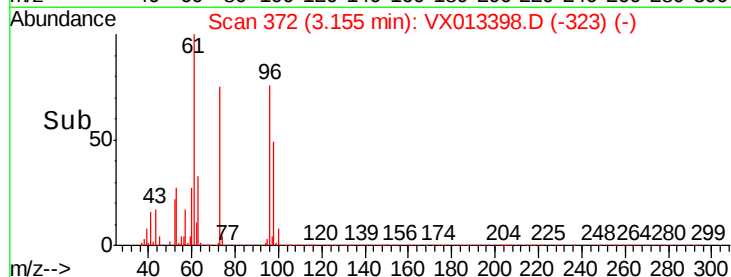
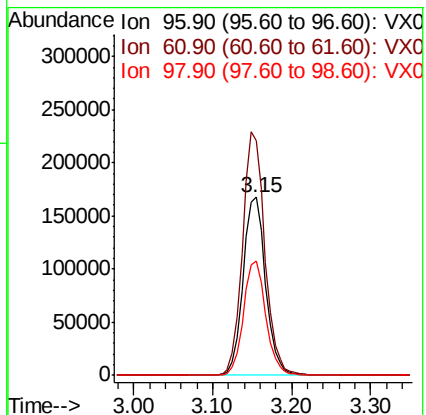
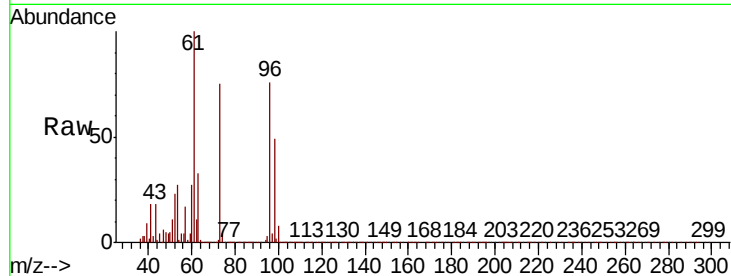
Tot Ion: 96 Resp: 332436

Ion Ratio Lower Upper

96 100

61 131.7 105.8 158.6

98 64.1 51.8 77.6



#22

Diisopropyl ether

Concen: 55.429 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Tgt Ion: 45 Resp: 1192528

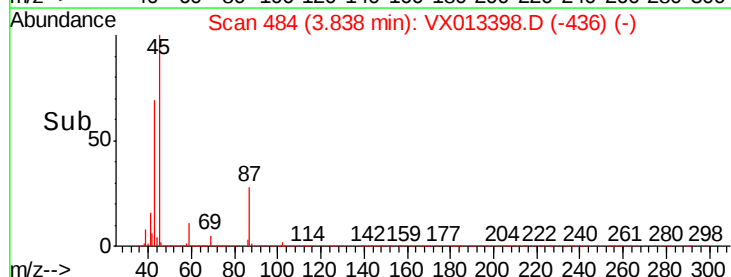
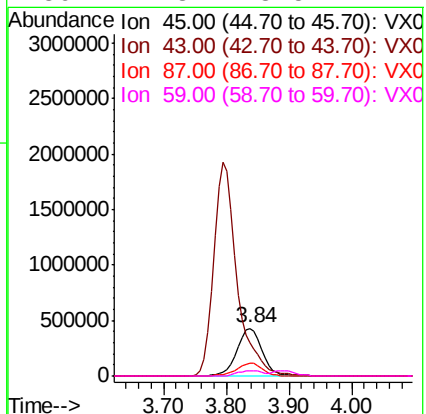
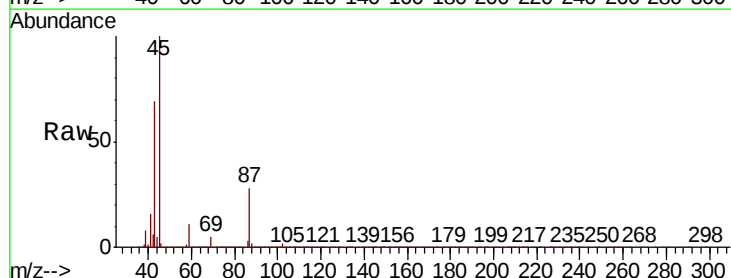
Ion Ratio Lower Upper

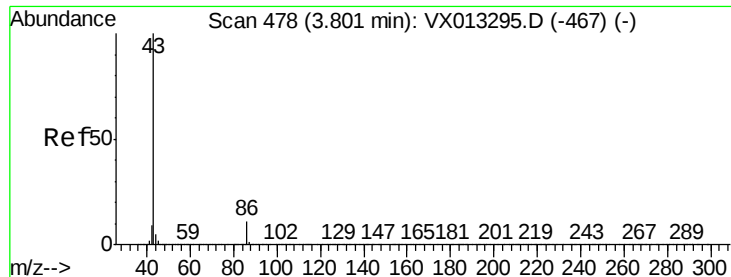
45 100

43 69.3 54.2 81.2

87 27.8 21.8 32.8

59 11.3 8.5 12.7





#23

Vinyl Acetate

Concen: 268.882 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

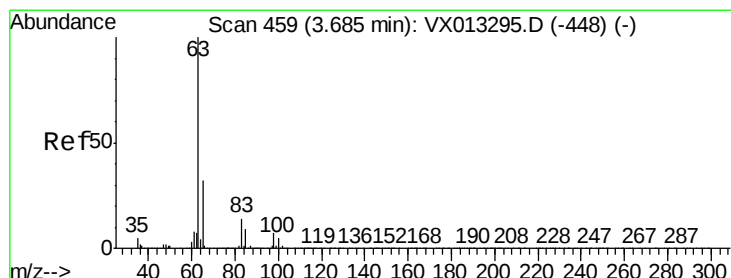
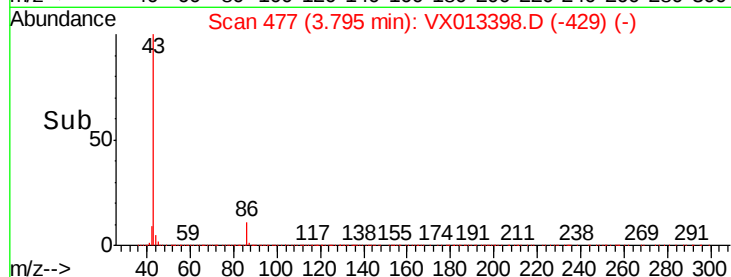
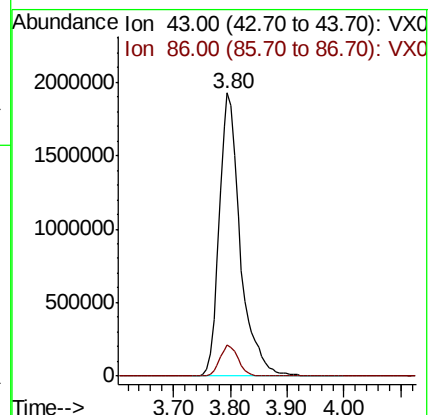
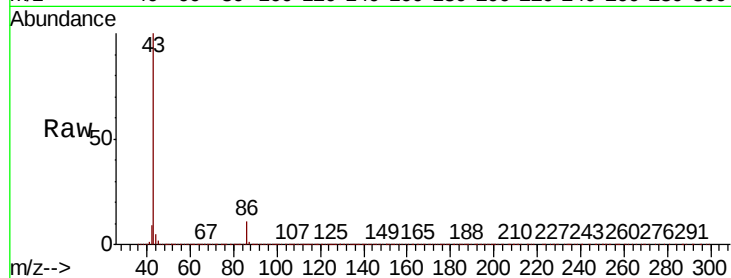
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 4950071

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 51.974 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

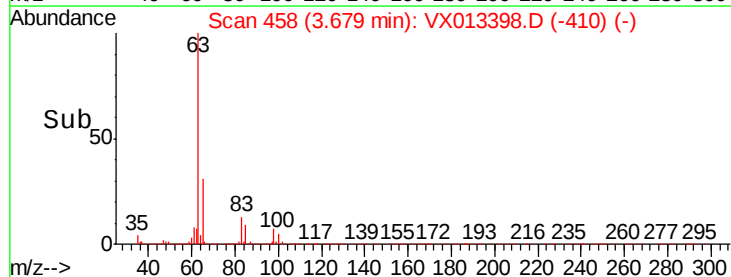
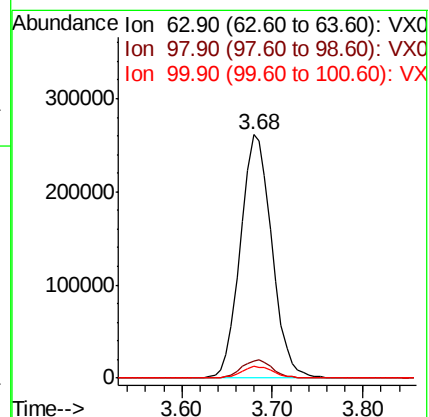
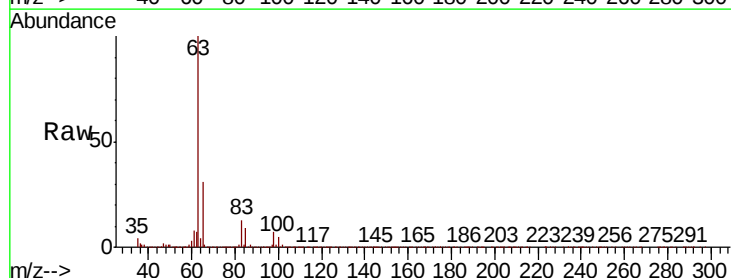
Tgt Ion: 63 Resp: 625524

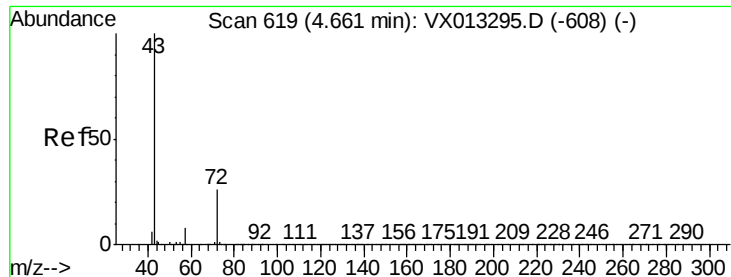
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 246.469 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

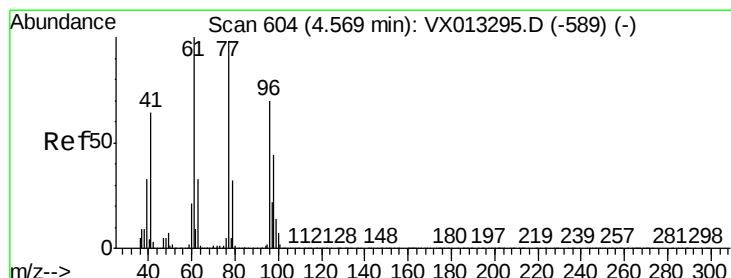
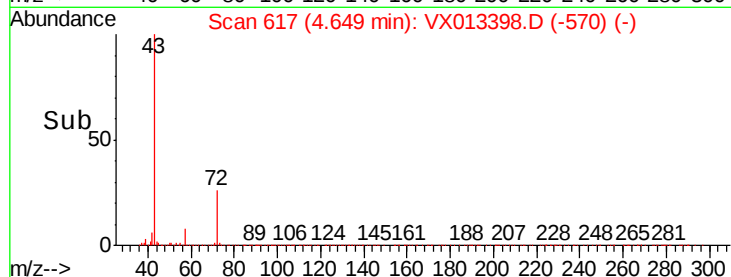
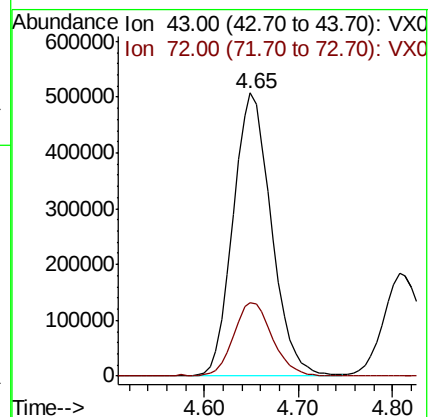
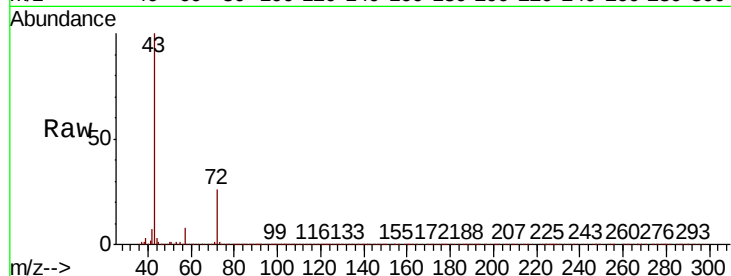
ClientSampled :

Tot Ion: 43 Resp: 1428583

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 52.472 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013398.D

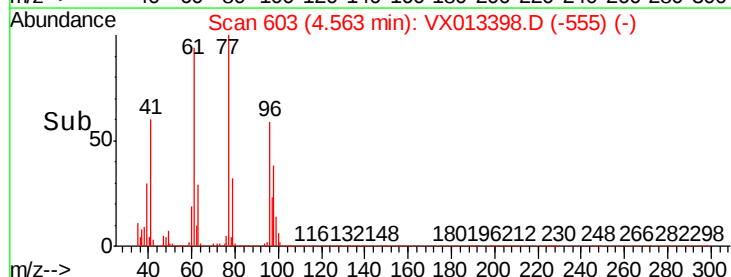
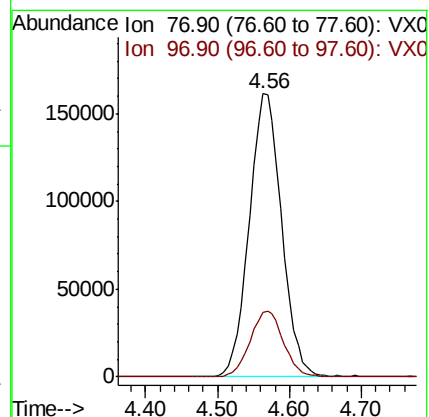
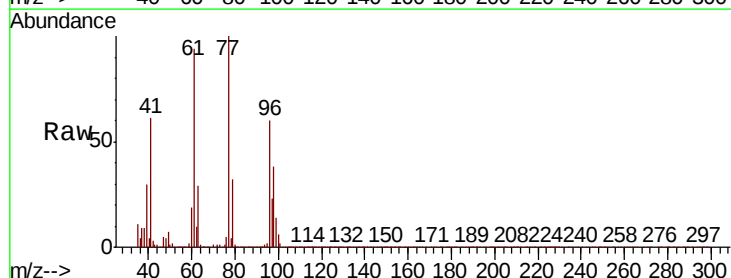
Acq: 13 Nov 2019 10:43

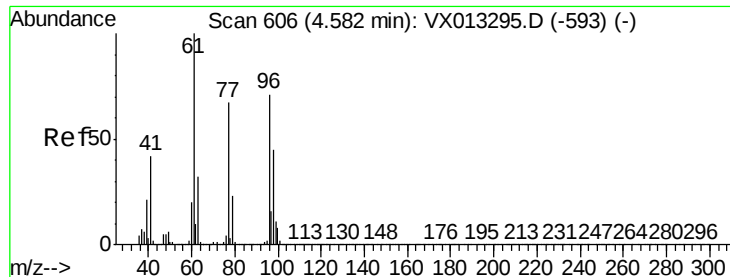
Tgt Ion: 77 Resp: 502385

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8



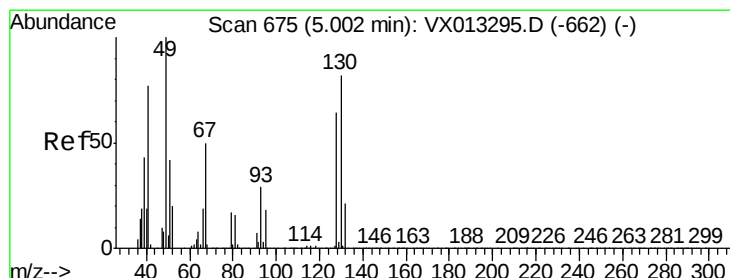
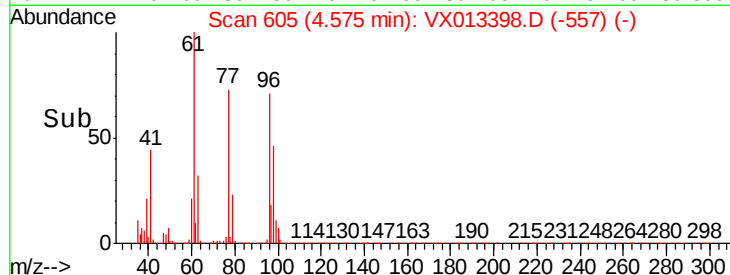
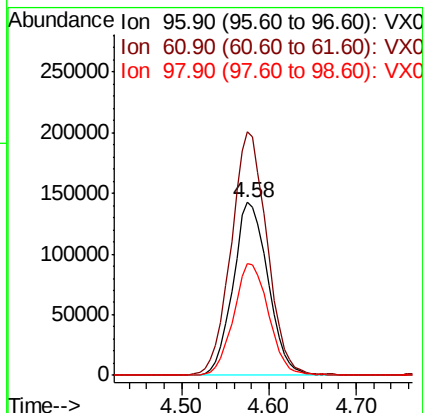
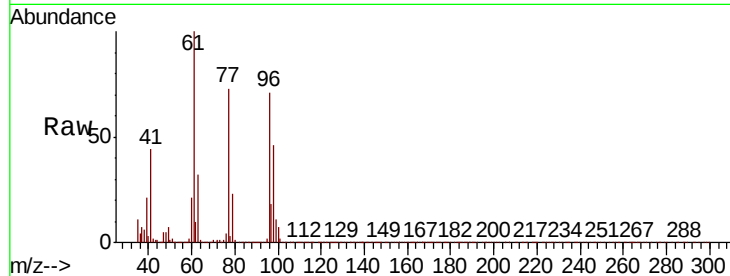


#27

cis-1,2-Dichloroethene
Concen: 52.853 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Instrument :
MSVOA_X
ClientSampled :

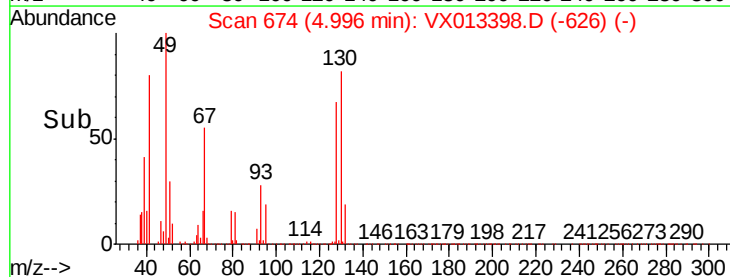
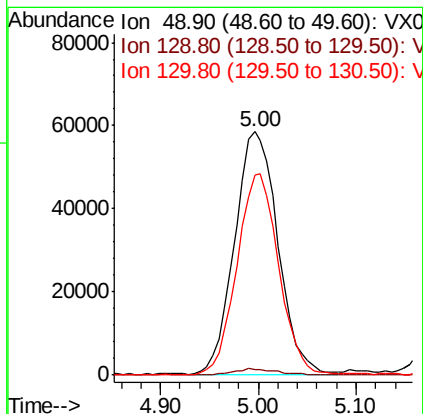
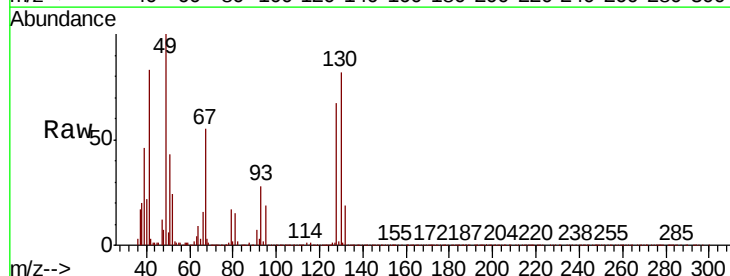
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	288.0
98	65.2	0.0	129.6

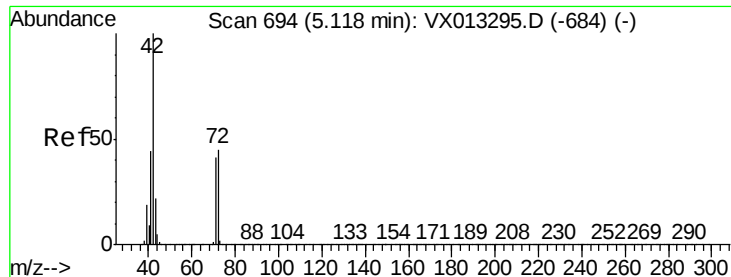


#28

Bromochloromethane
Concen: 52.510 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	80.7	63.8	95.6

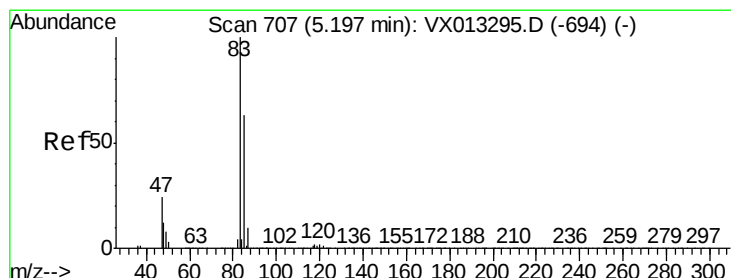
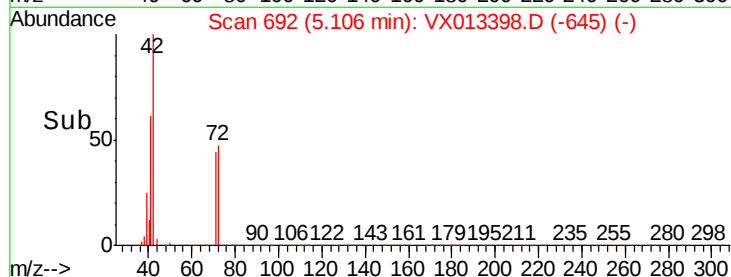
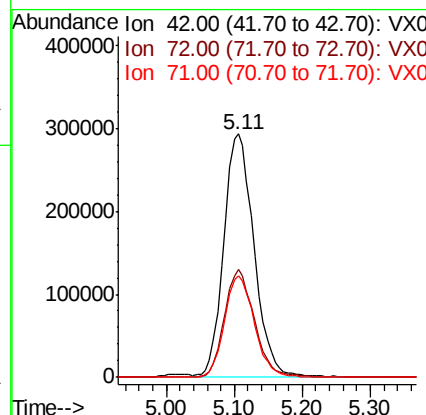
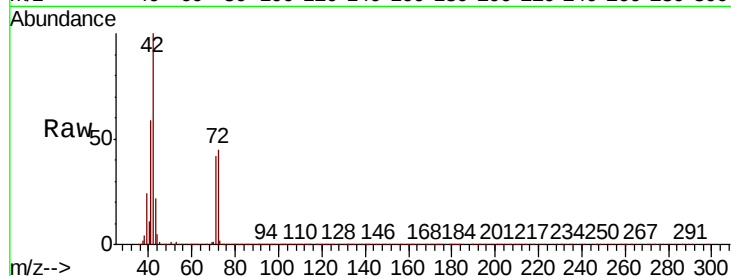




#29
Tetrahydrofuran
Concen: 251.724 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

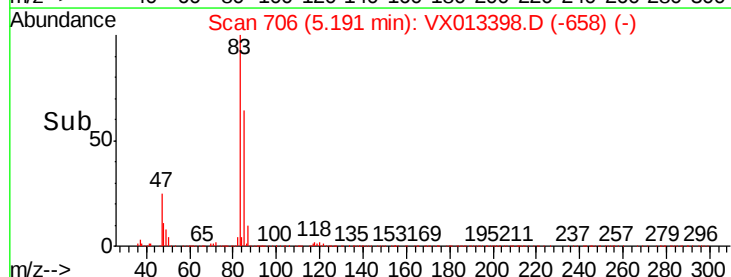
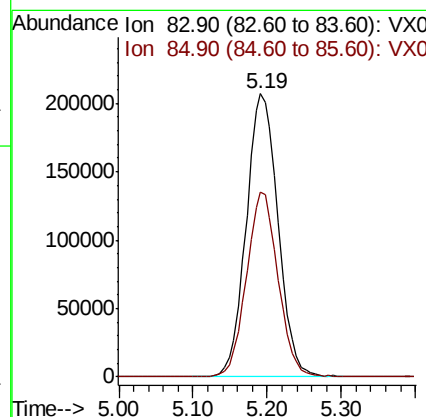
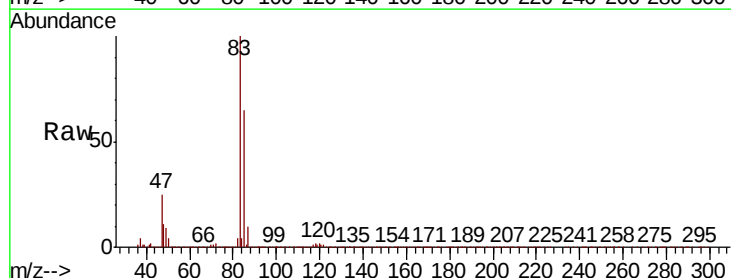
Instrument :
MSVOA_X
ClientSampleId :

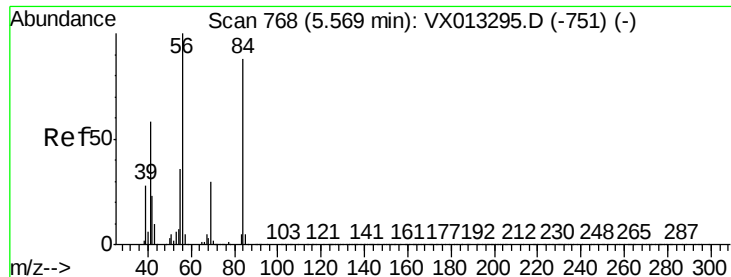
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.8	53.8
71	41.2	33.4	50.0



#30
Chloroform
Concen: 52.044 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.2	75.4

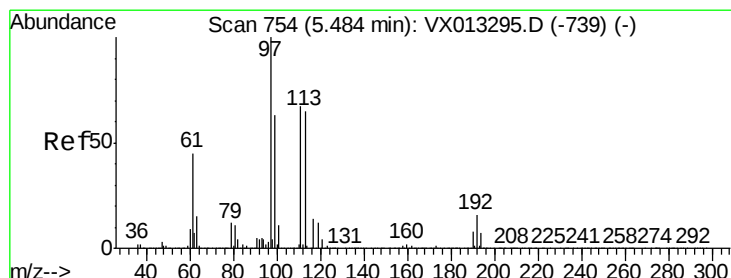
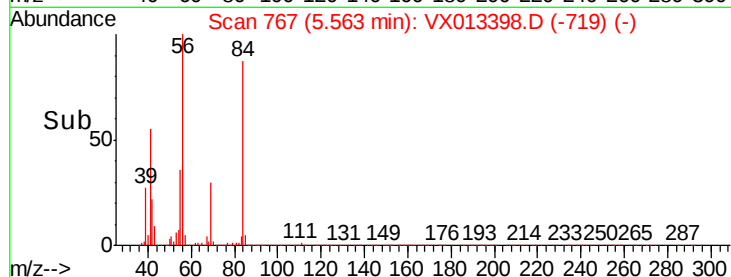
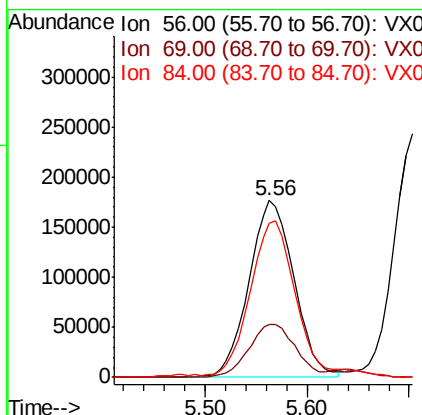
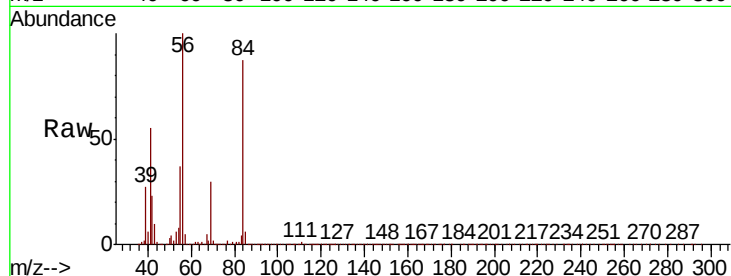




#31
Cyclohexane
Concen: 49.705 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

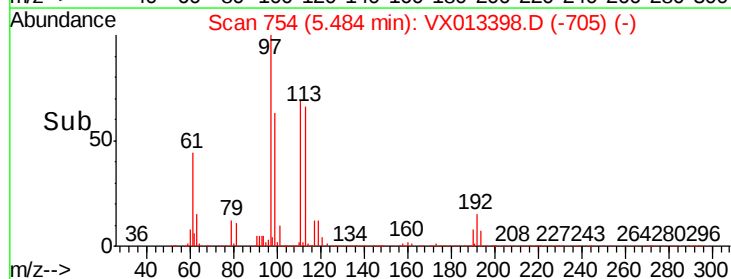
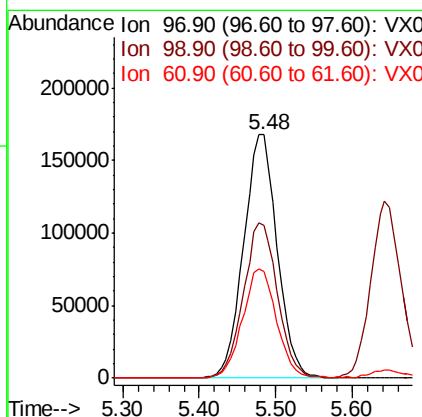
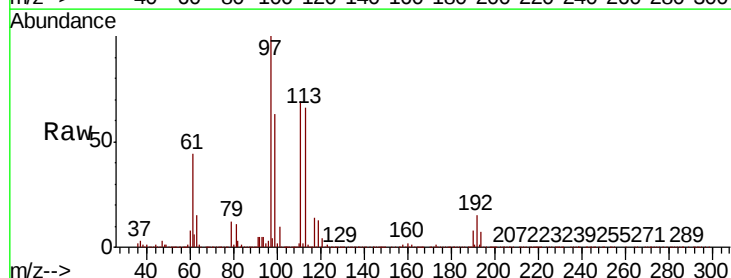
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 538292
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 86.0 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 50.205 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion: 97 Resp: 513471
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 44.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.905 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

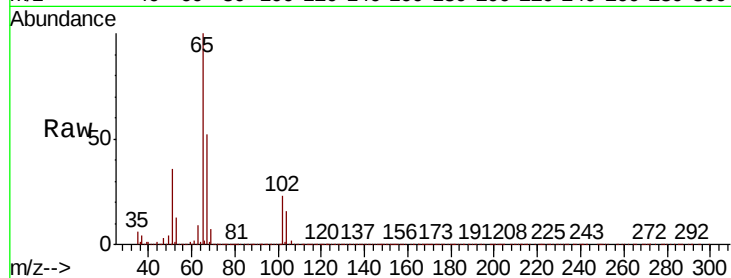
ClientSampleId :

Tot Ion: 65 Resp: 379465

Ion Ratio Lower Upper

65 100

67 53.0 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

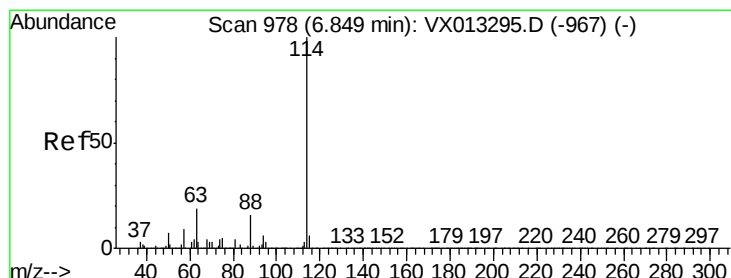
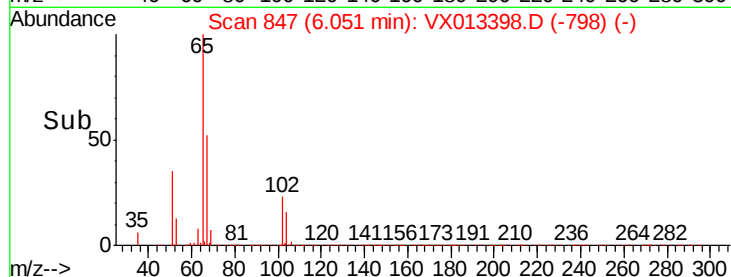
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

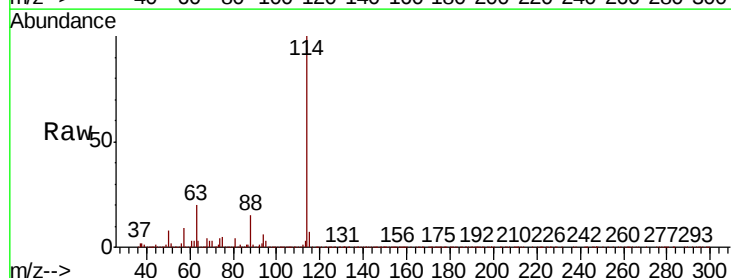
Tgt Ion: 114 Resp: 1010957

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 15.2 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

6.84

500000

400000

300000

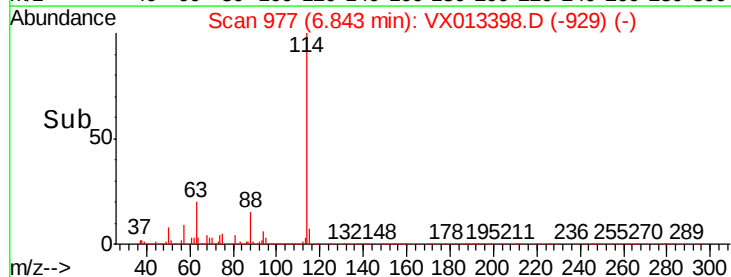
200000

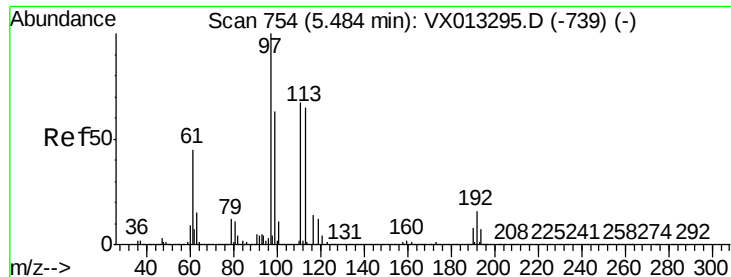
100000

0

6.70 6.80 6.90 7.00

Time-->

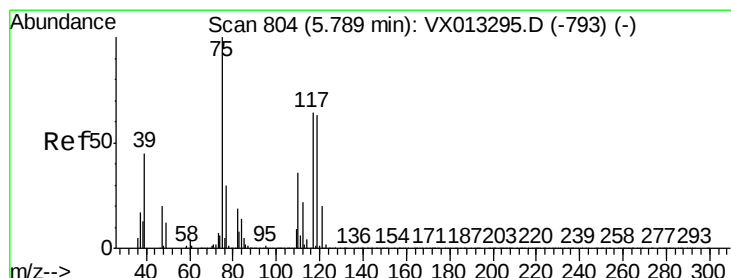
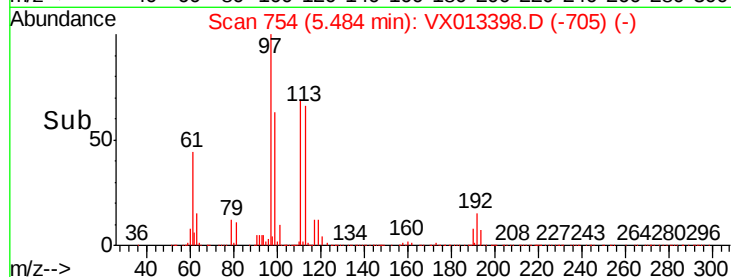
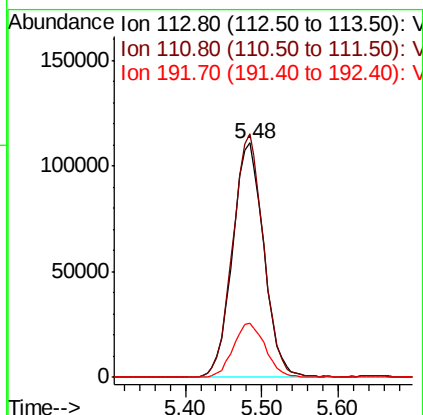
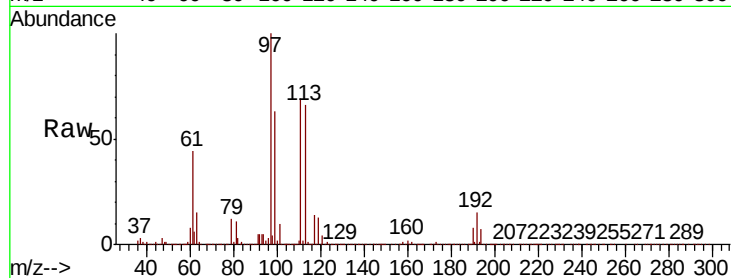




#35
Dibromofluoromethane
Concen: 49.573 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

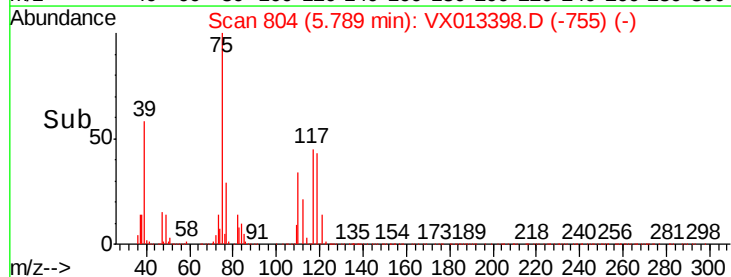
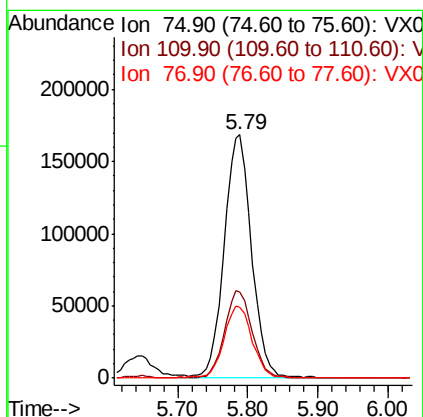
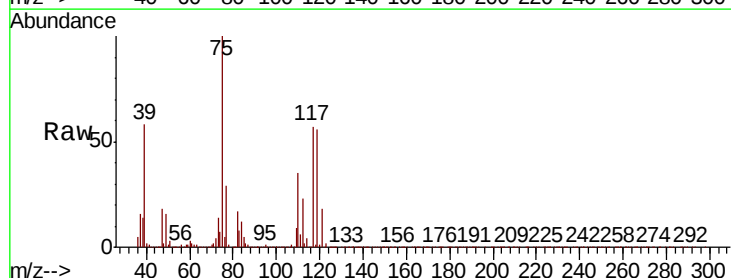
Instrument :
MSVOA_X
ClientSampleId :

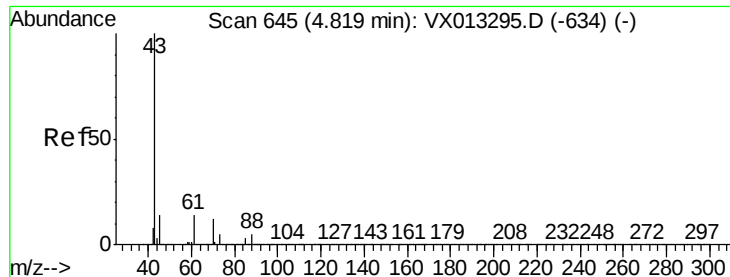
Tot Ion:113 Resp: 314332
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 23.8 19.1 28.7



#36
1,1-Dichloropropene
Concen: 52.308 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion: 75 Resp: 453655
Ion Ratio Lower Upper
75 100
110 36.2 18.1 54.1
77 30.9 25.0 37.4

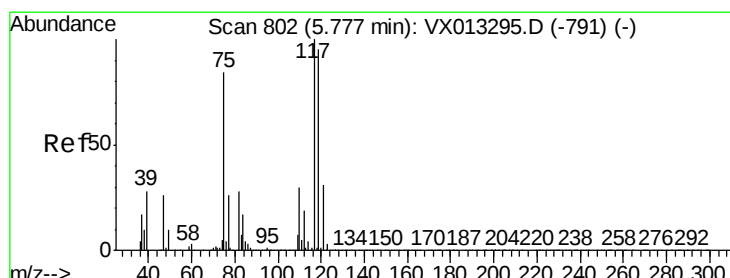
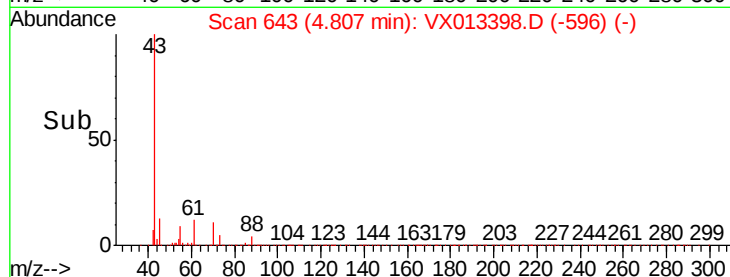
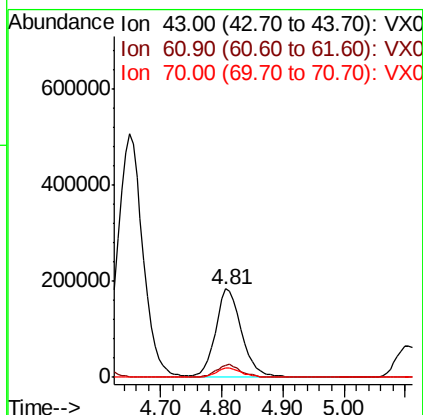
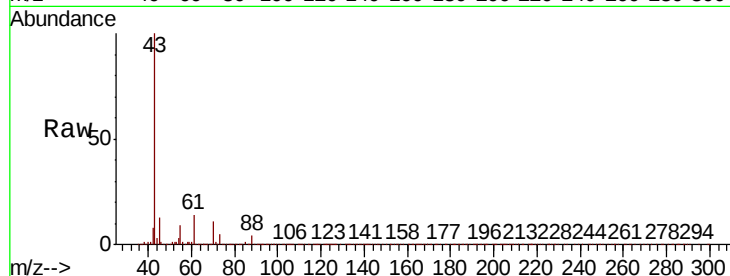




#37
Ethyl Acetate
Concen: 50.596 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

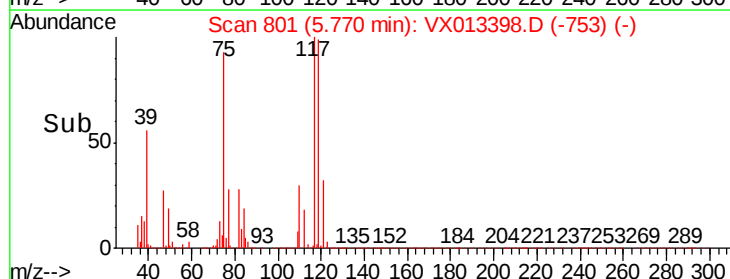
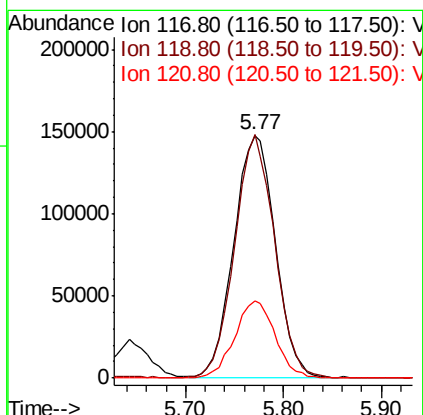
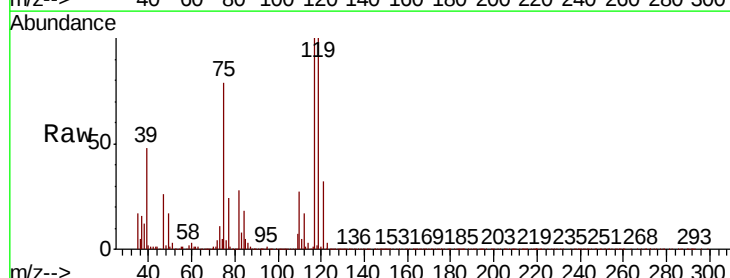
Instrument :
MSVOA_X
ClientSampleId :

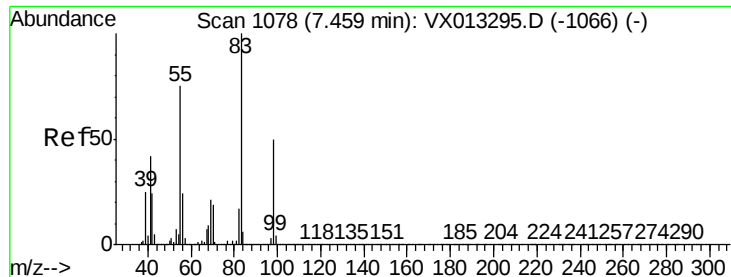
Tot Ion: 43 Resp: 542218
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 51.070 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion: 117 Resp: 433118
Ion Ratio Lower Upper
117 100
119 100.5 76.1 114.1
121 32.0 24.6 37.0

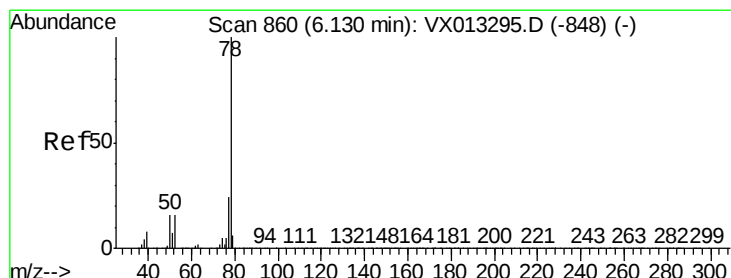
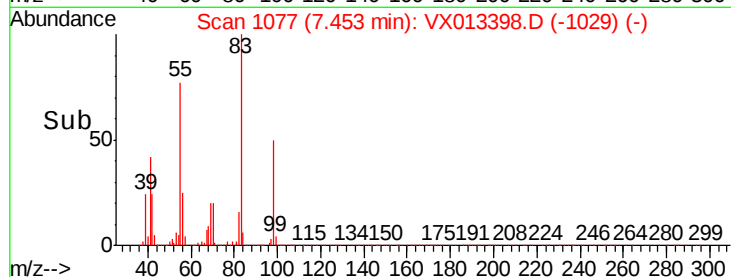
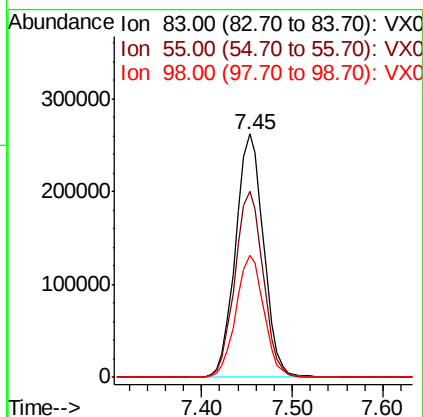
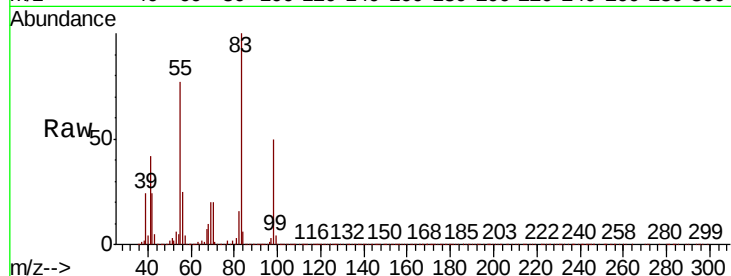




#39
Methvlcvclohexane
Concen: 51.873 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

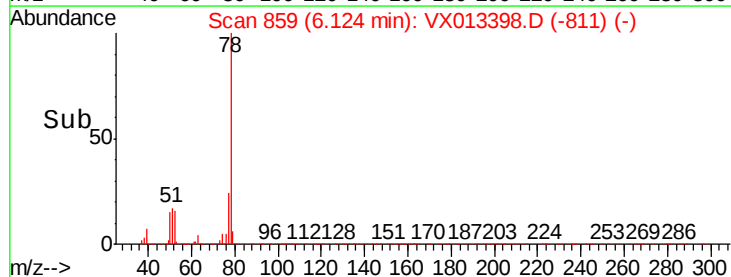
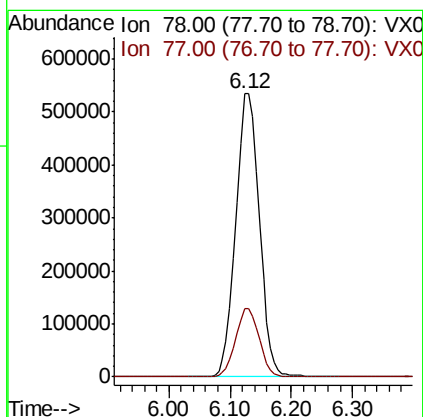
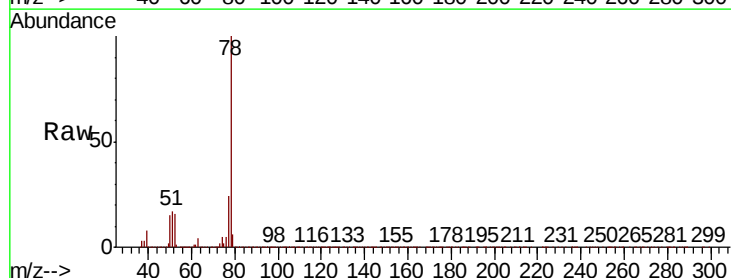
Instrument :
MSVOA_X
ClientSampleId :

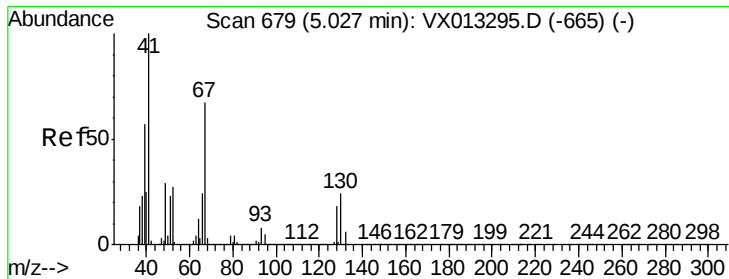
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	60.3	90.5
98	50.1	40.3	60.5



#40
Benzene
Concen: 52.601 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3

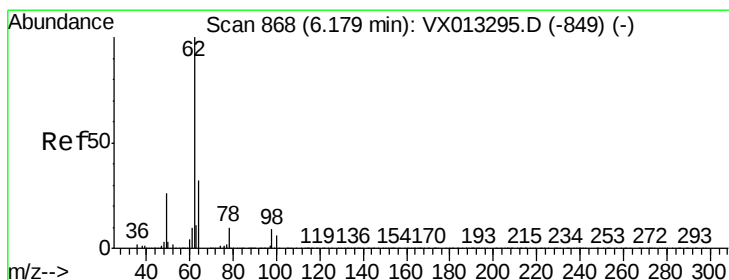
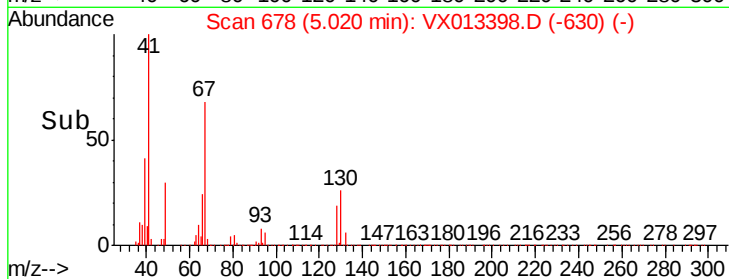
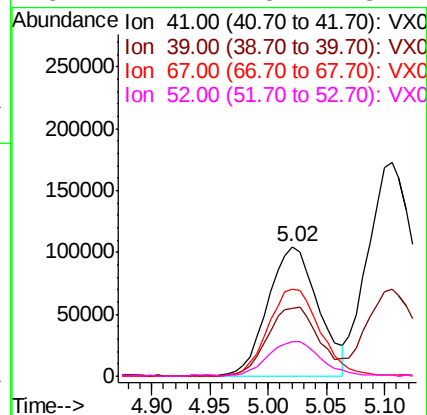
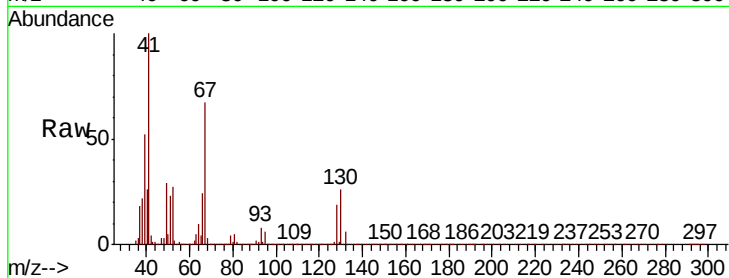




#41
Methacrylonitrile
Concen: 51.966 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

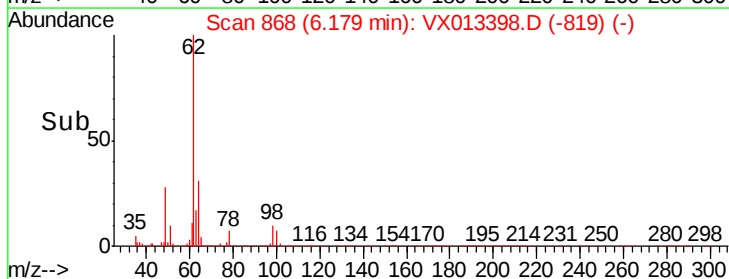
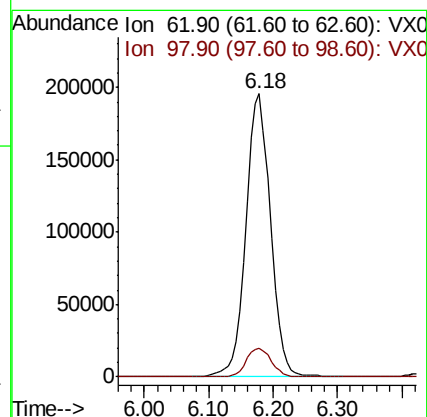
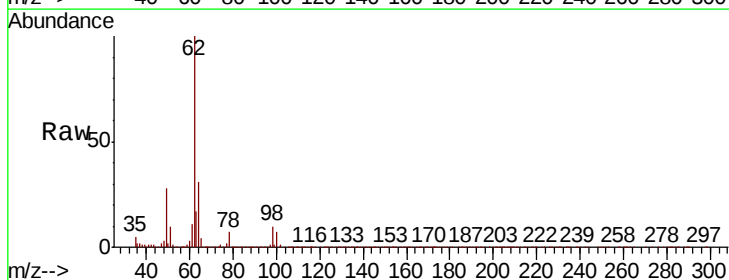
Instrument :
MSVOA_X
ClientSampleId :

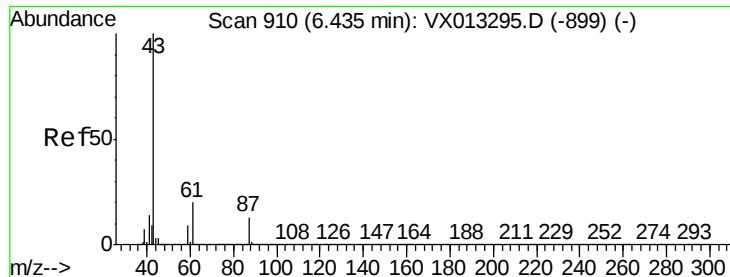
Tot Ion:	41	Resp:	312141
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.0	67.6
67	69.8	55.4	83.2
52	27.2	23.1	34.7



#42
1,2-Dichloroethane
Concen: 52.738 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion:	62	Resp:	513908
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.4





#43

Isopropyl Acetate

Concen: 53.545 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

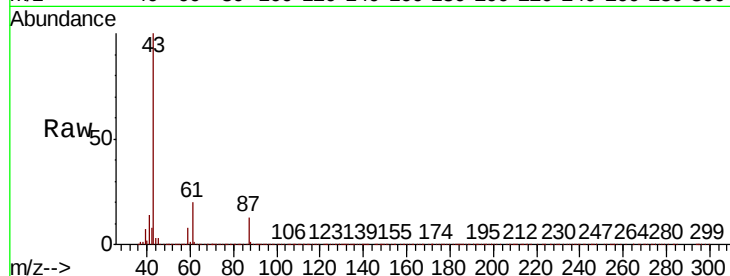
Tot Ion: 43 Resp: 893544

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

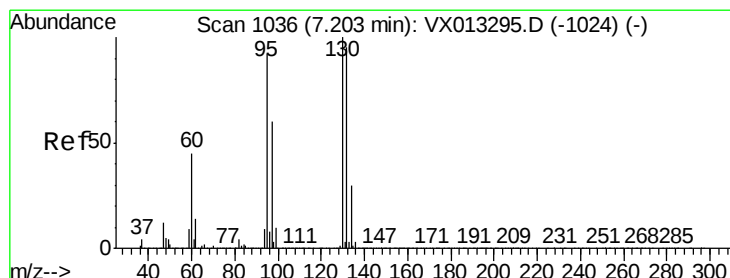
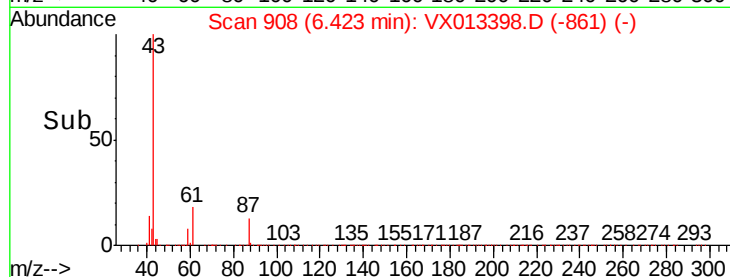
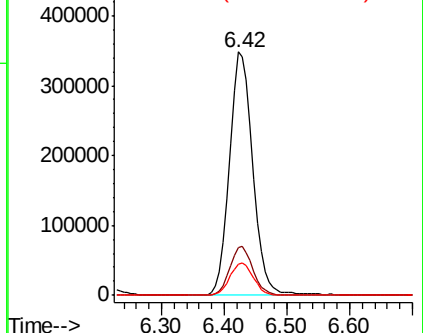
87 13.4 10.4 15.6



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: 51.023 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013398.D

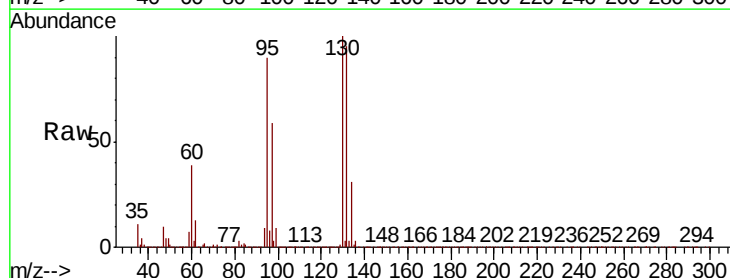
Acq: 13 Nov 2019 10:43

Tgt Ion:130 Resp: 379424

Ion Ratio Lower Upper

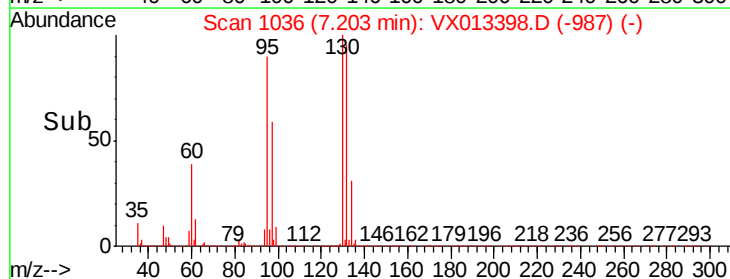
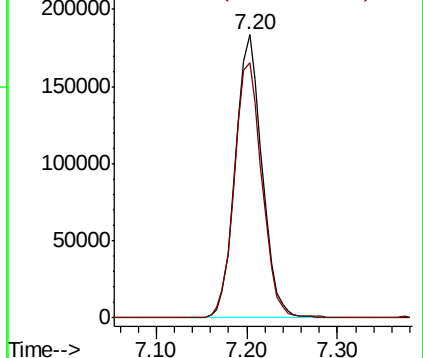
130 100

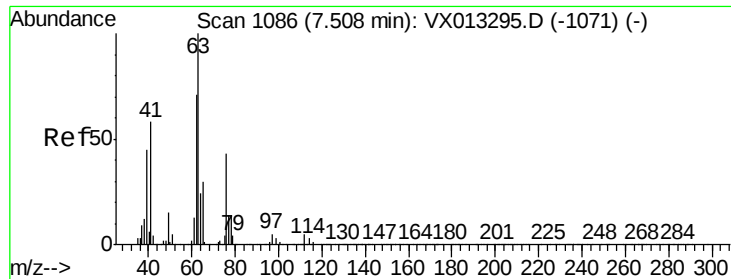
95 90.1 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.012 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

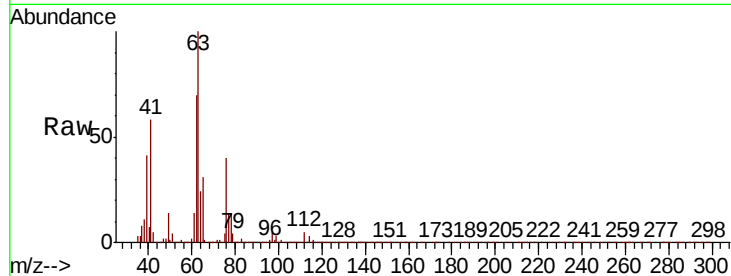
ClientSampleId :

Tot Ion: 63 Resp: 378672

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

200000

150000

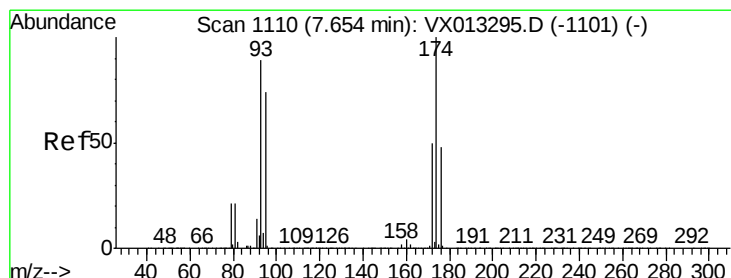
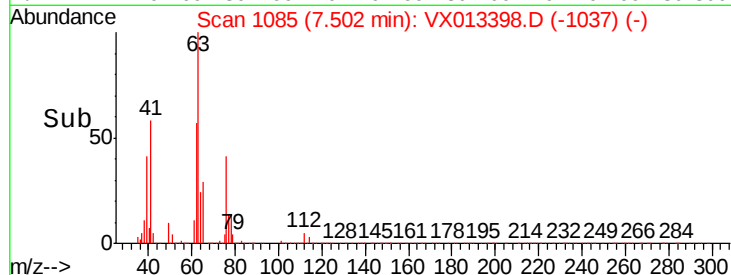
100000

50000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 53.202 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

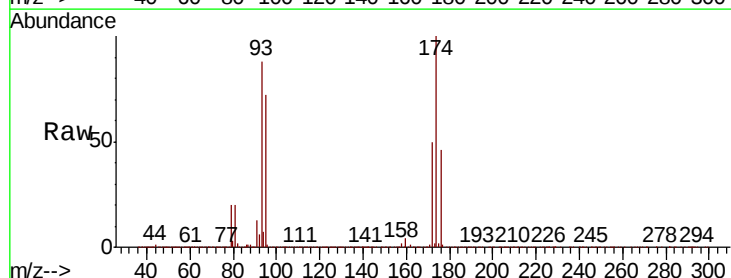
Tgt Ion: 93 Resp: 250040

Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

174 116.2 90.4 135.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

200000

150000

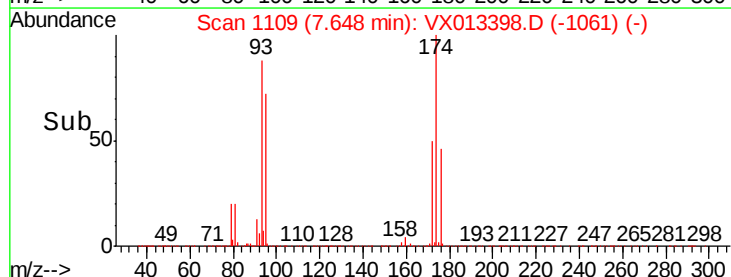
100000

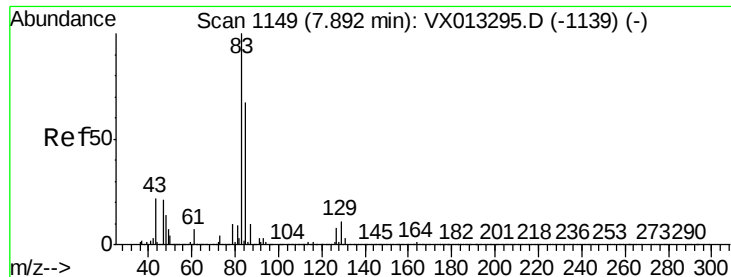
50000

0

Time-->

7.50 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 55.573 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

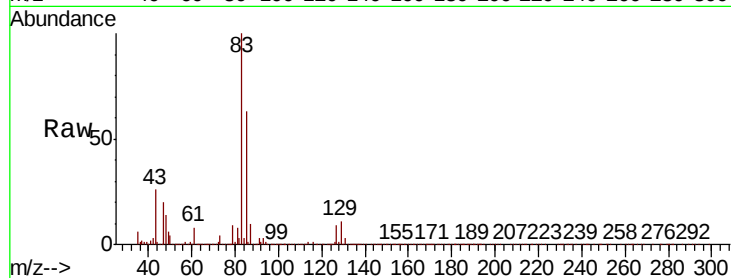
Tot Ion: 83 Resp: 492510

Ion Ratio Lower Upper

83 100

85 62.9 53.7 80.5

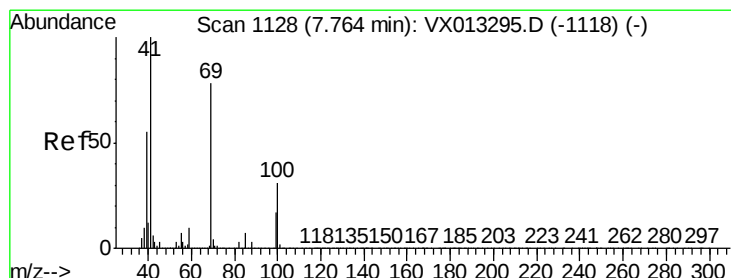
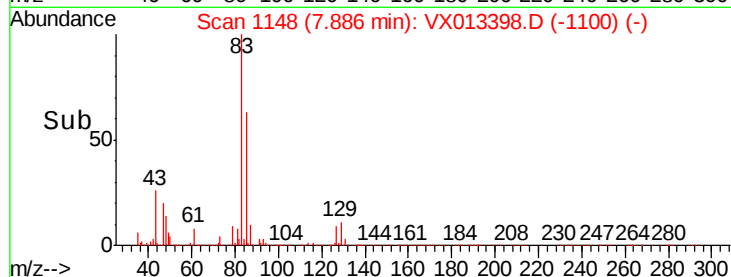
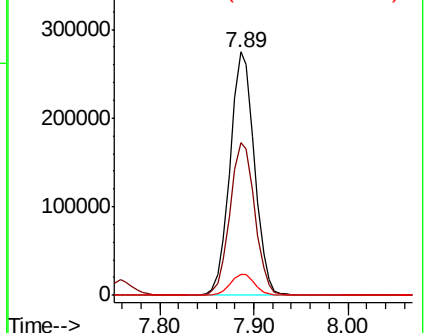
127 8.6 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.572 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

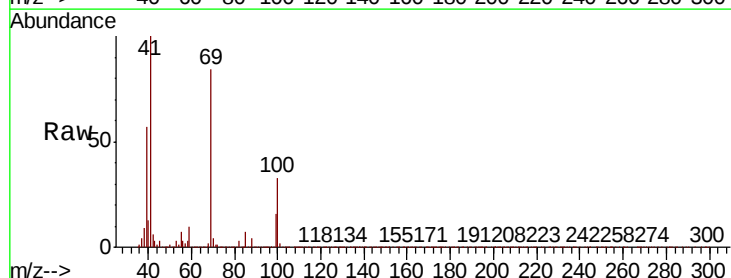
Tgt Ion: 41 Resp: 446257

Ion Ratio Lower Upper

41 100

69 82.1 63.0 94.6

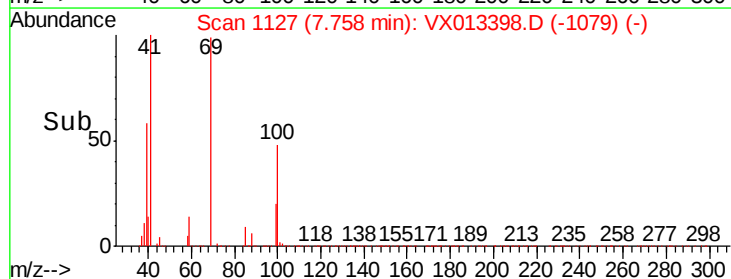
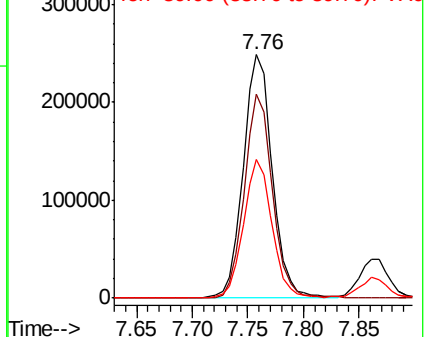
39 55.8 45.9 68.9

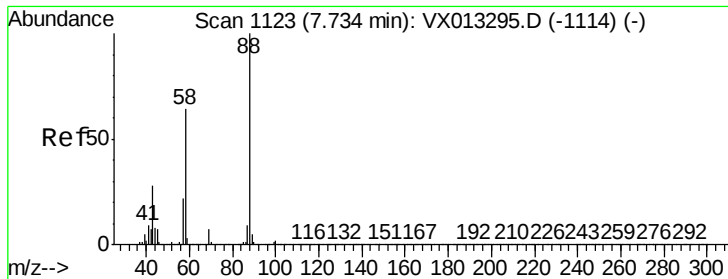


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

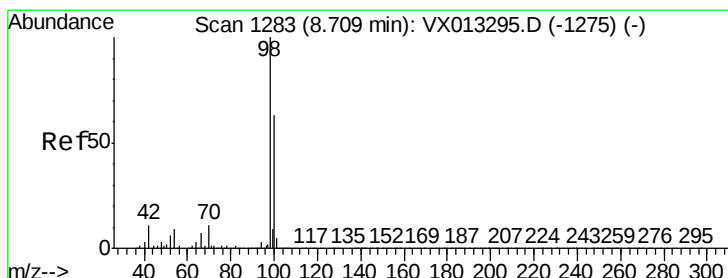
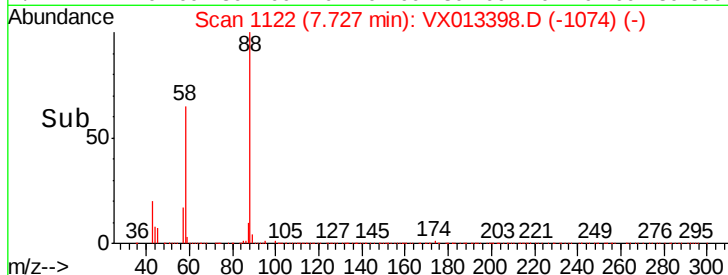
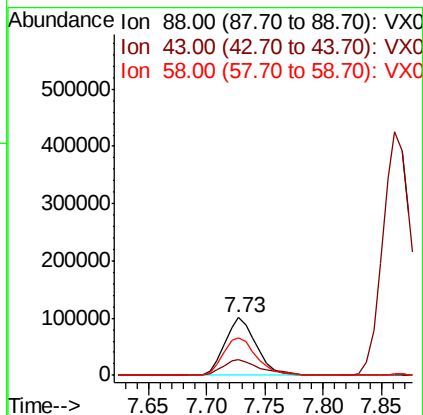
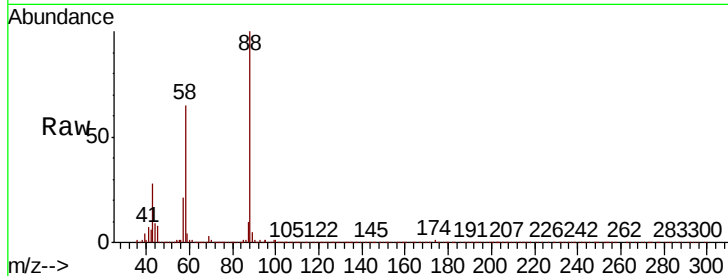




#49
1,4-Dioxane
Concen: 970.012 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

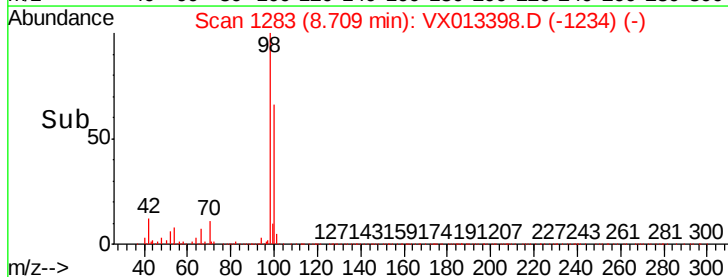
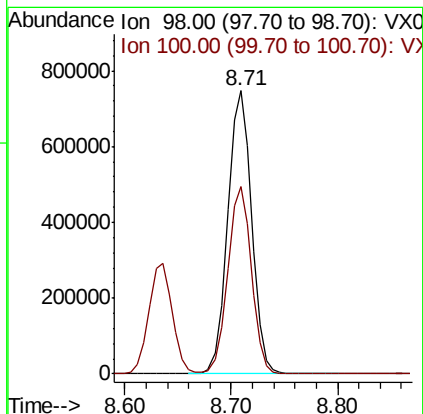
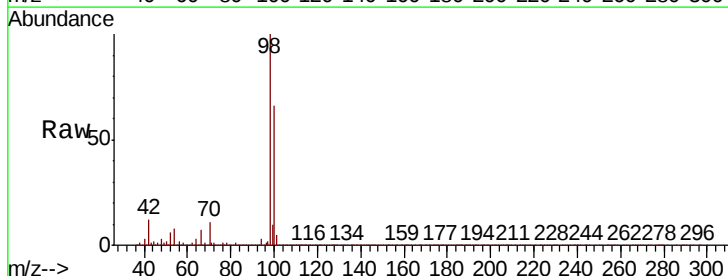
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.6	39.8
58	70.0	55.0	82.6



#50
Toluene-d8
Concen: 49.030 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 253.872 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

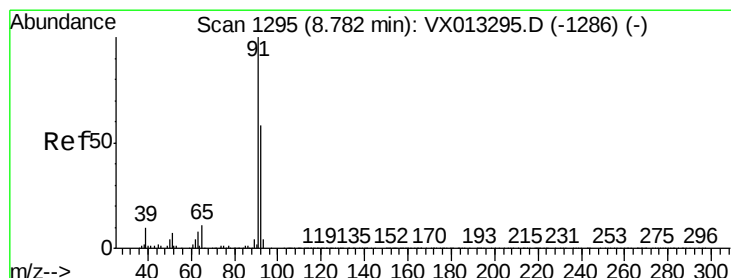
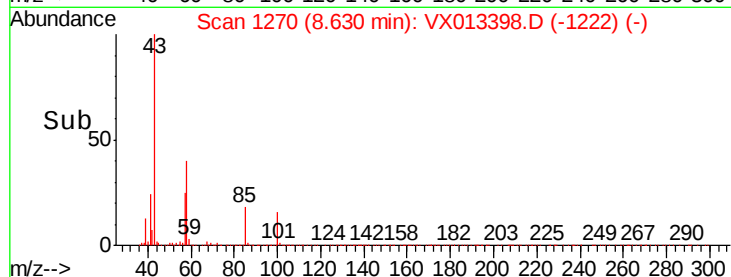
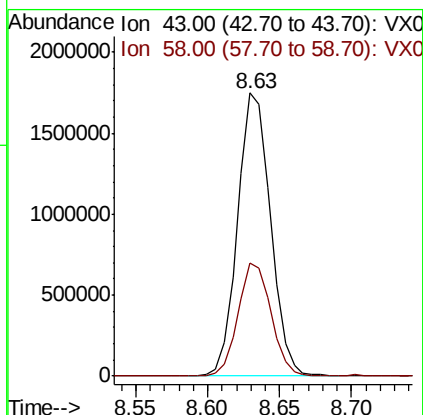
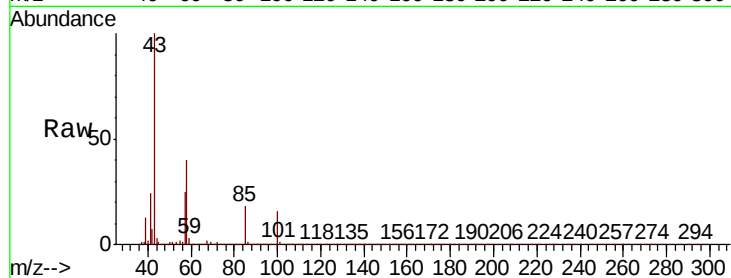
ClientSampleId :

Tot Ion: 43 Resp: 2779533

Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.0



#52

Toluene

Concen: 53.211 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013398.D

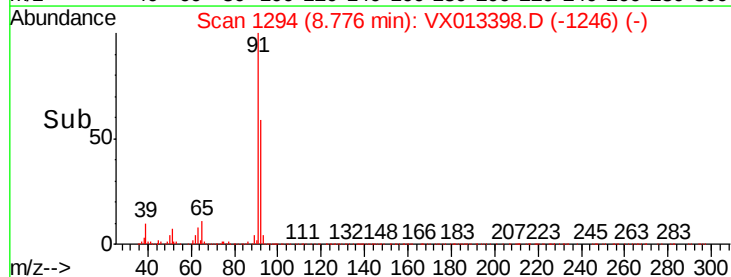
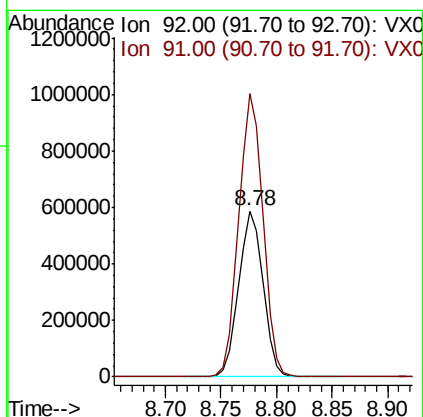
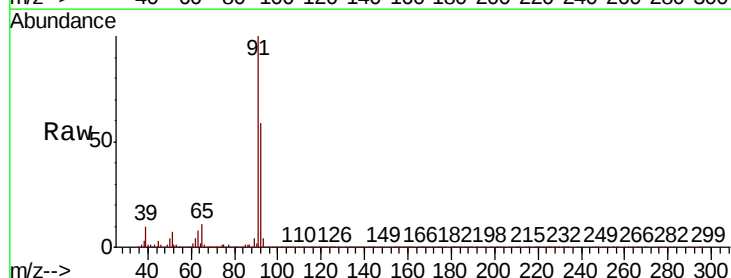
Acq: 13 Nov 2019 10:43

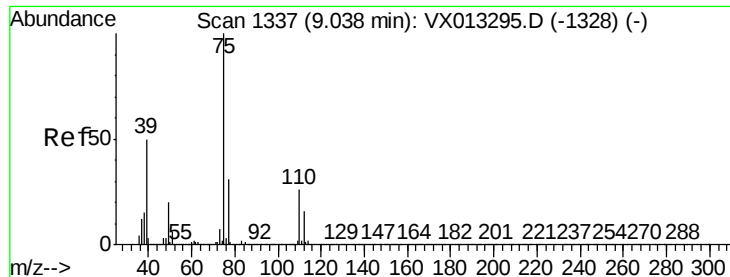
Tgt Ion: 92 Resp: 890963

Ion Ratio Lower Upper

92 100

91 170.6 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 58.003 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

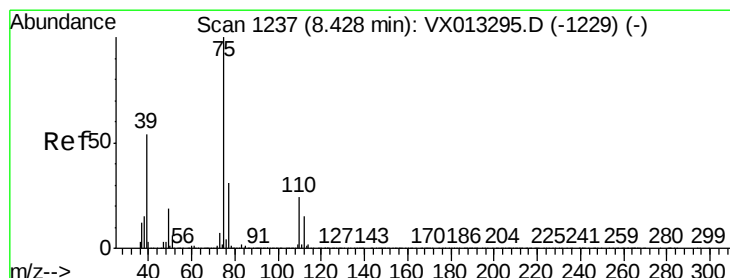
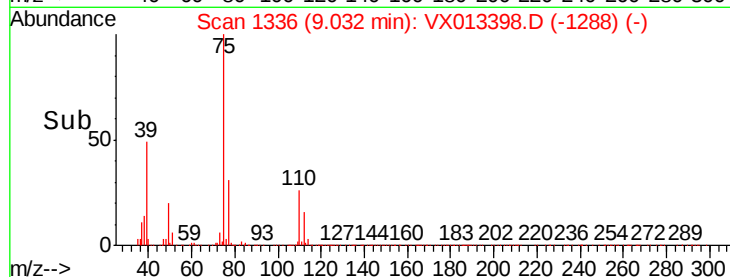
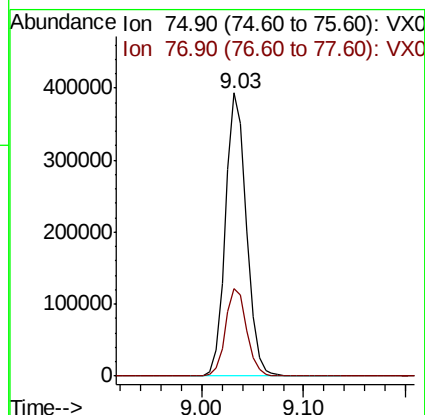
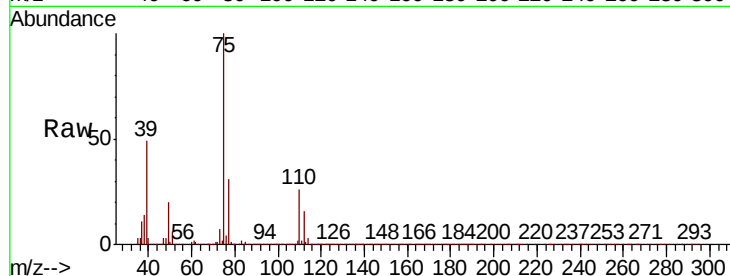
ClientSampleId :

Tot Ion: 75 Resp: 562112

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 56.745 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

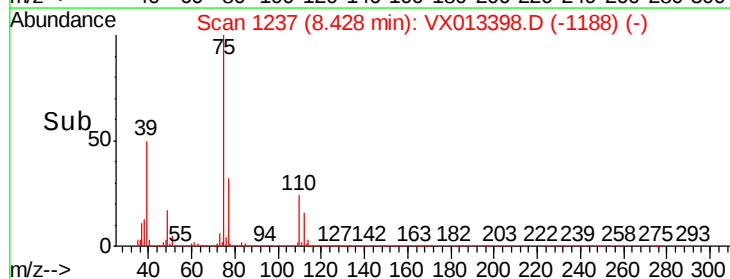
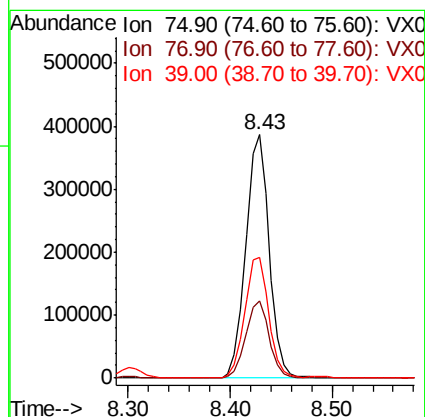
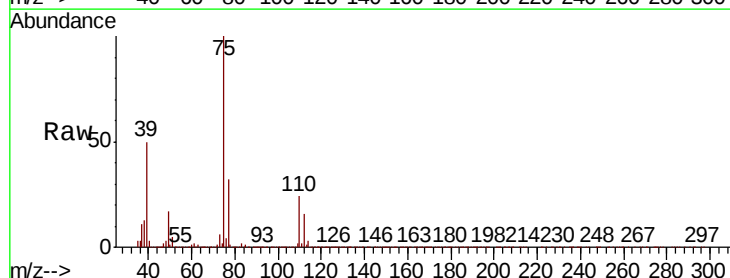
Tgt Ion: 75 Resp: 615143

Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 49.7 43.0 64.6

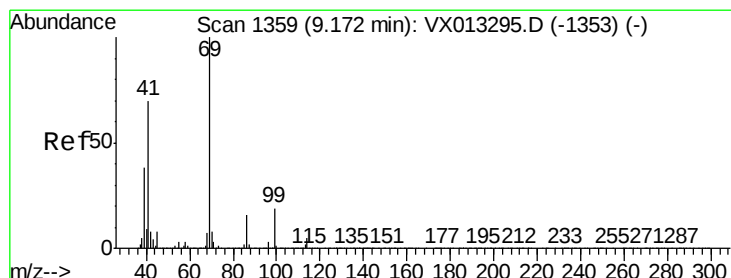
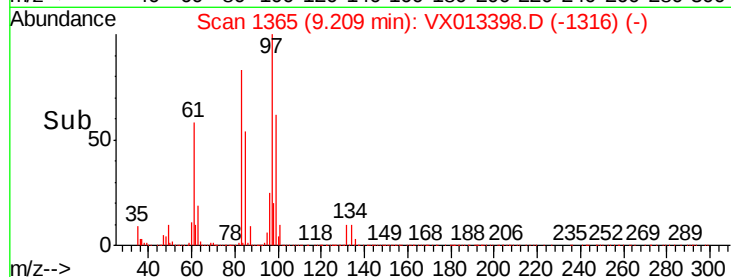
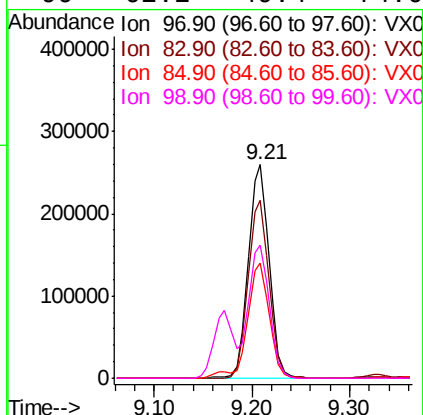
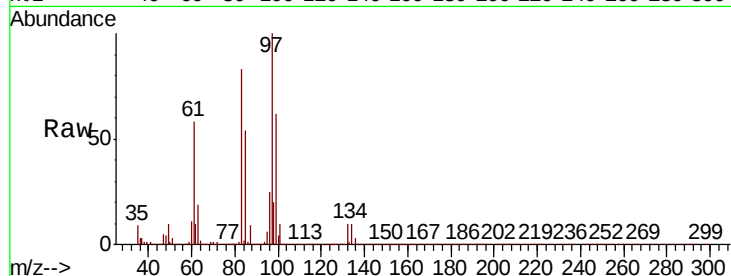




#55
 1,1,2-Trichloroethane
 Concen: 54.815 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013398.D
 Acq: 13 Nov 2019 10:43

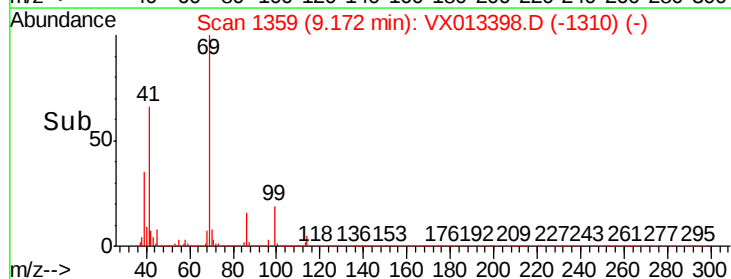
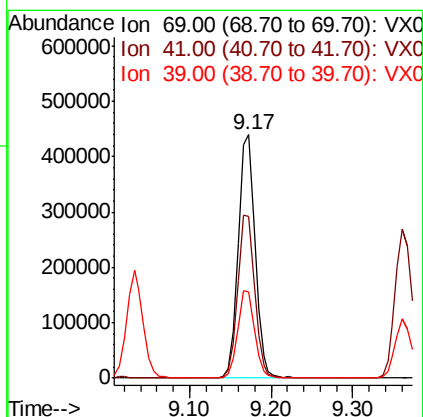
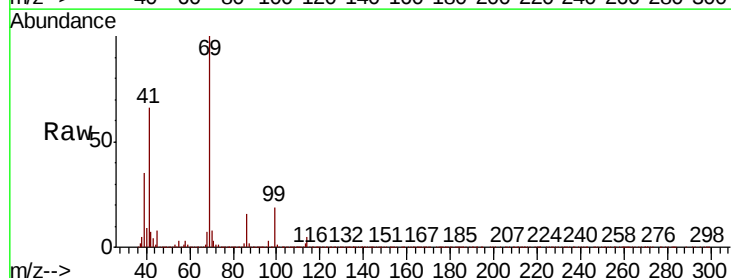
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	380426
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.6	103.0
85	53.8	43.1	64.7
99	62.2	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 52.114 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013398.D
 Acq: 13 Nov 2019 10:43

Tgt Ion:	69	Resp:	618278
Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.2	84.2
39	35.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 53.758 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

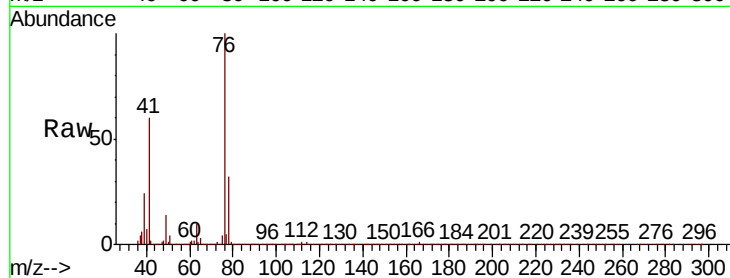
ClientSampleId :

Tot Ion: 76 Resp: 633336

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

400000

300000

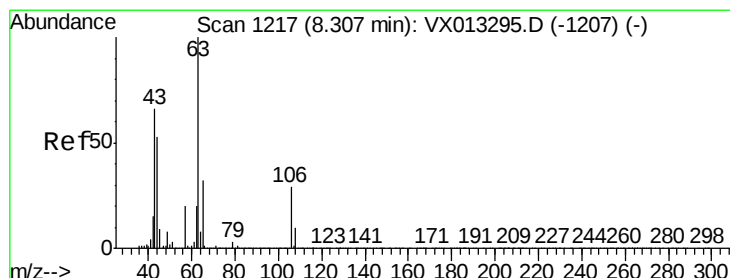
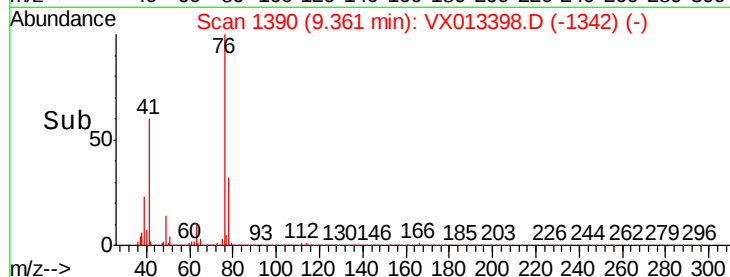
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.109 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013398.D

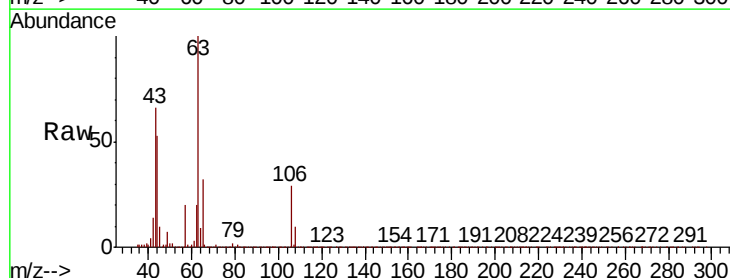
Acq: 13 Nov 2019 10:43

Tgt Ion: 63 Resp: 1234309

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

800000

600000

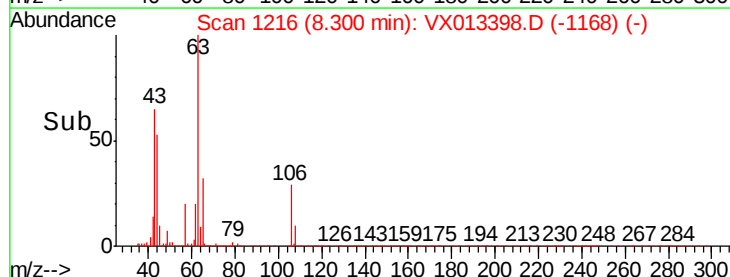
400000

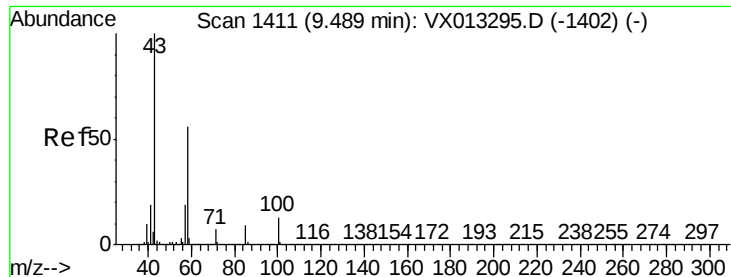
200000

0

8.20 8.30 8.40

Time-->

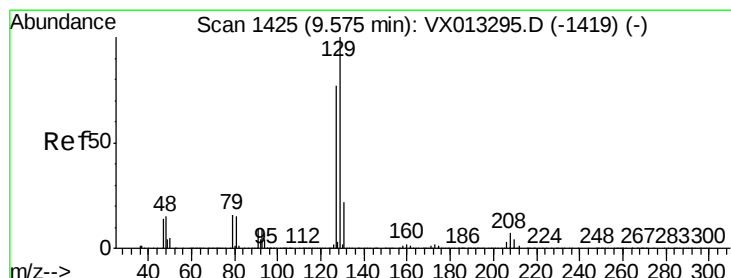
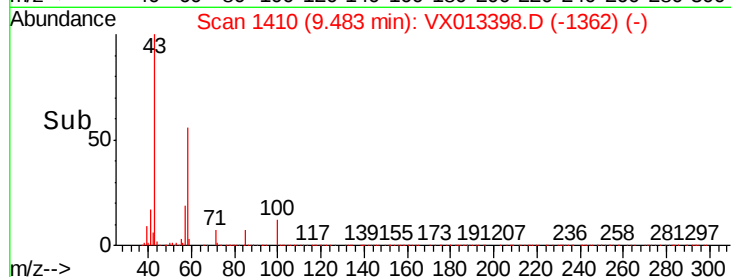
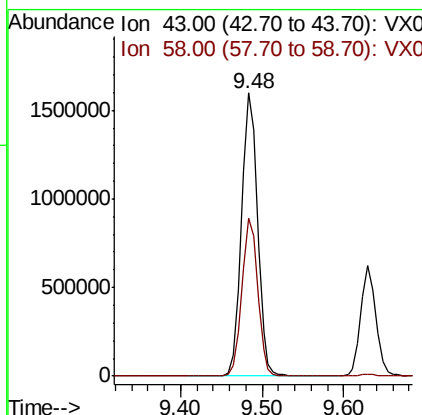
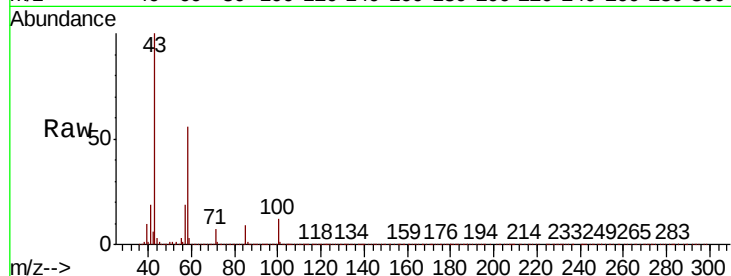




#59
2-Hexanone
Concen: 254.685 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

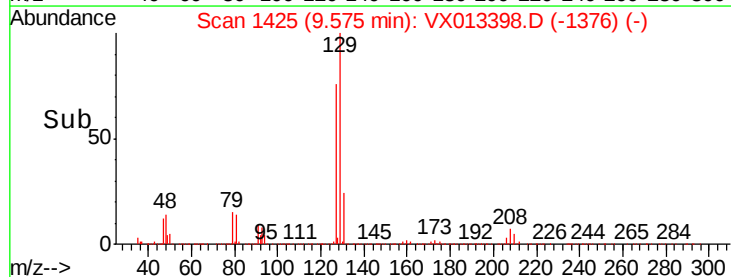
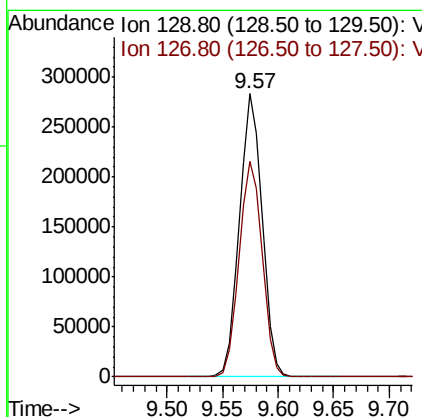
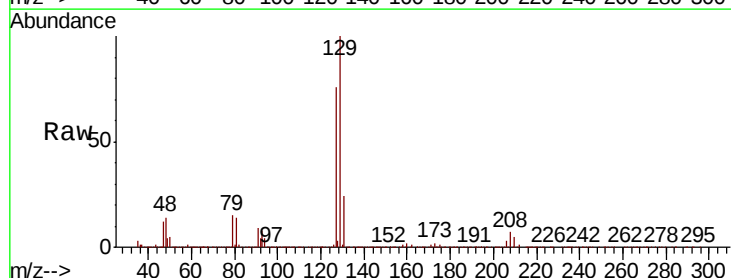
Instrument :
MSVOA_X
ClientSampleId :

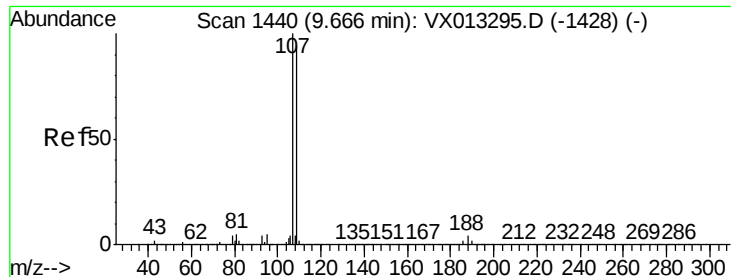
Tot Ion: 43 Resp: 2154840
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8



#60
Dibromochloromethane
Concen: 56.608 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion: 129 Resp: 401802
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 53.600 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

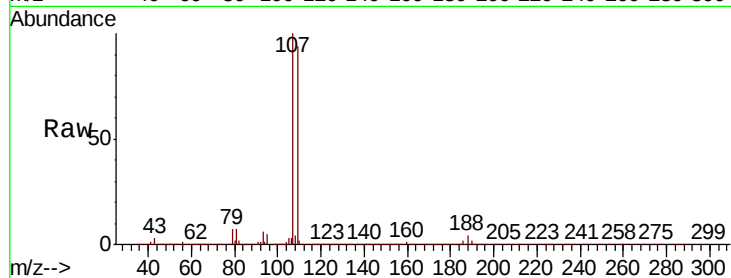
ClientSampleId :

Tot Ion: 107 Resp: 395009

Ion Ratio Lower Upper

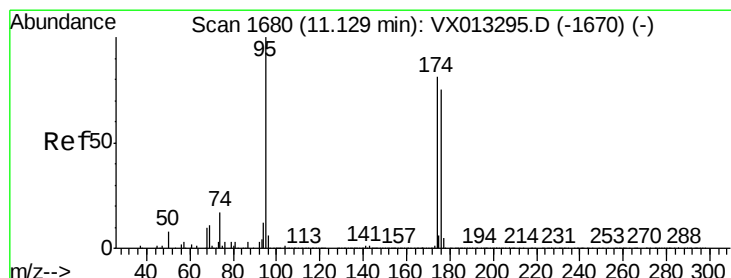
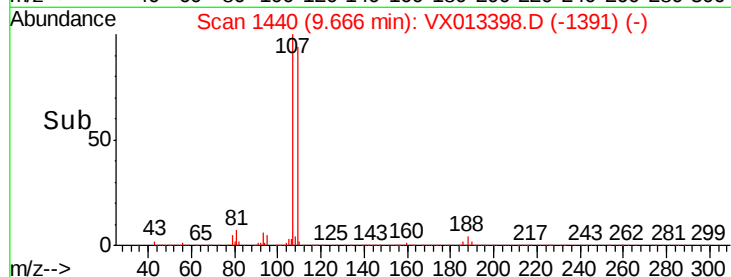
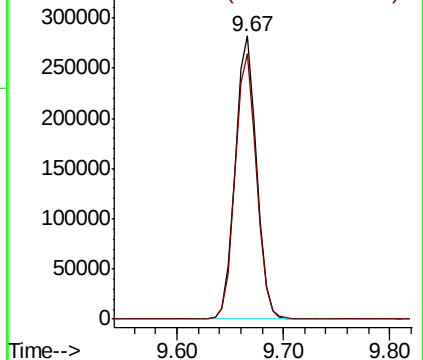
107 100

109 94.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.927 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

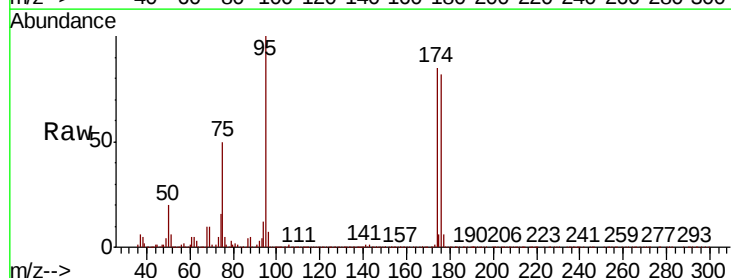
Tgt Ion: 95 Resp: 430728

Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.8

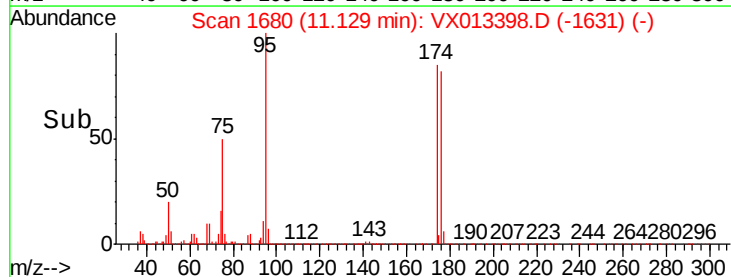
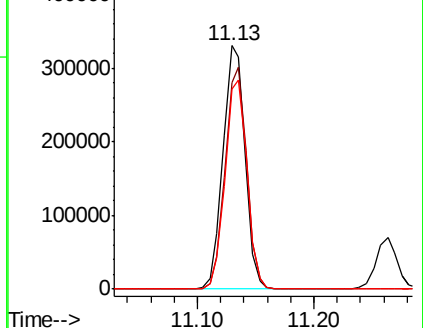
176 86.0 0.0 173.0

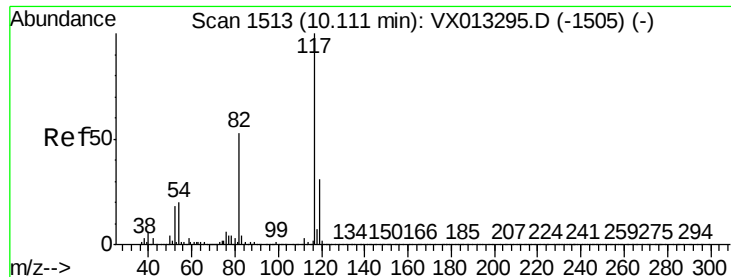


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

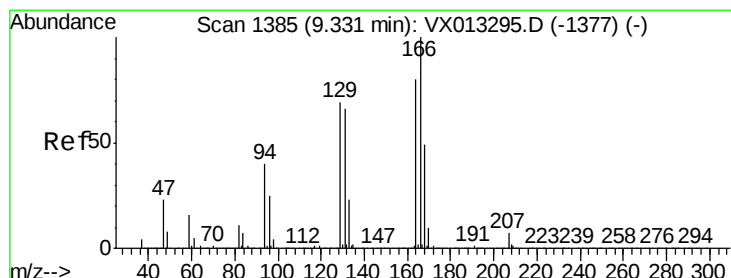
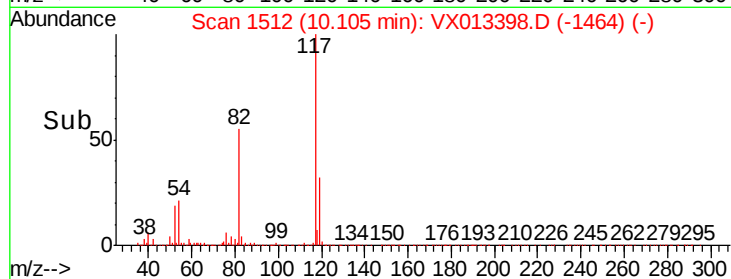
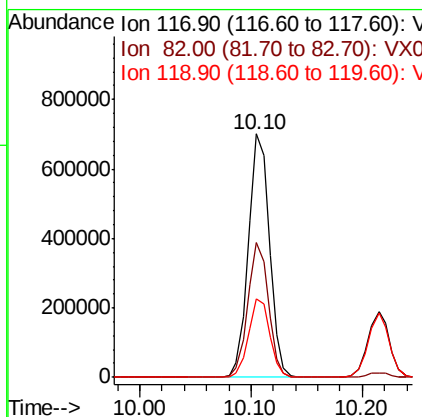
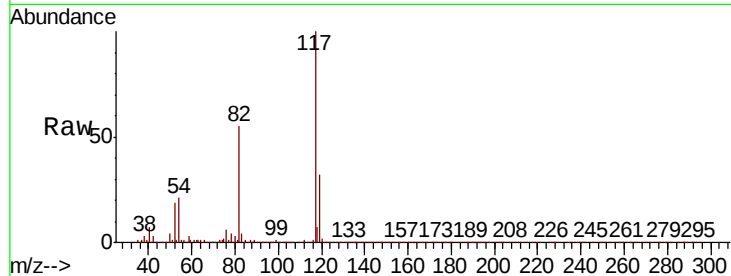




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

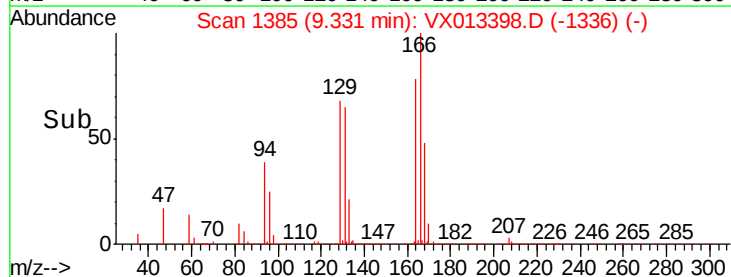
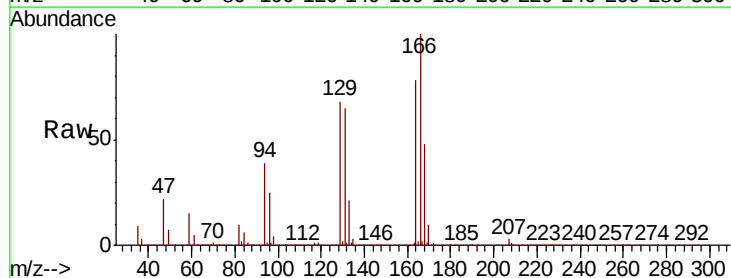
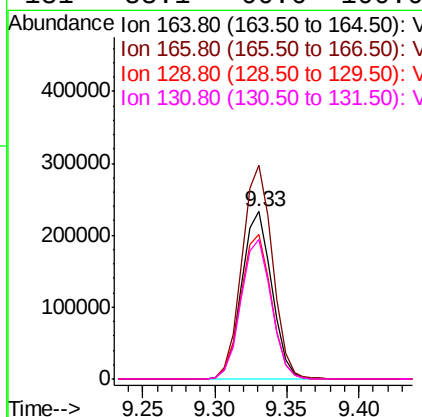
Instrument :
MSVOA_X
ClientSampleId :

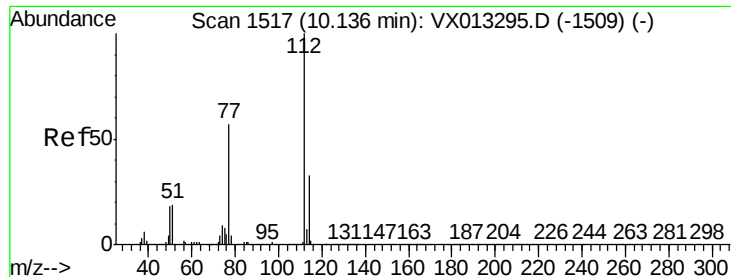
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.6	64.0
119	32.3	24.8	37.2



#64
Tetrachloroethene
Concen: 50.622 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	100.4	150.6
129	86.3	69.4	104.2
131	83.1	66.6	100.0





#65

Chlorobenzene

Concen: 51.830 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

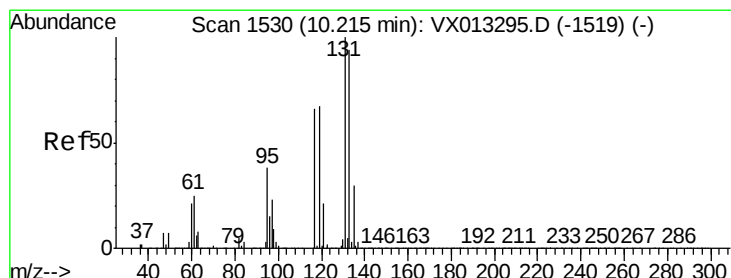
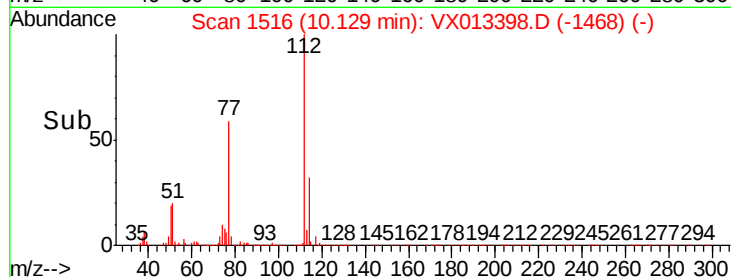
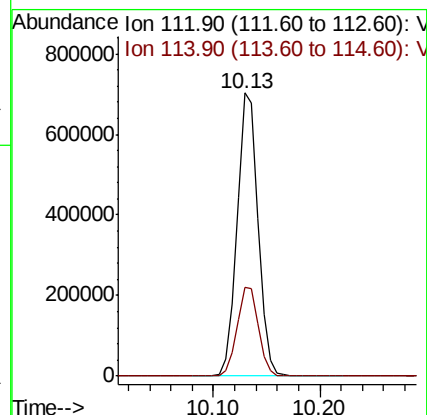
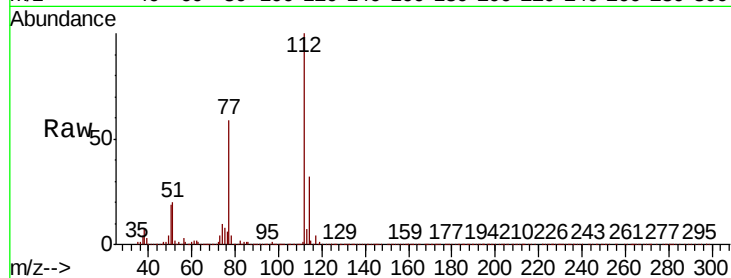
ClientSampleId :

Tot Ion:112 Resp: 969548

Ion Ratio Lower Upper

112 100

114 31.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.230 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

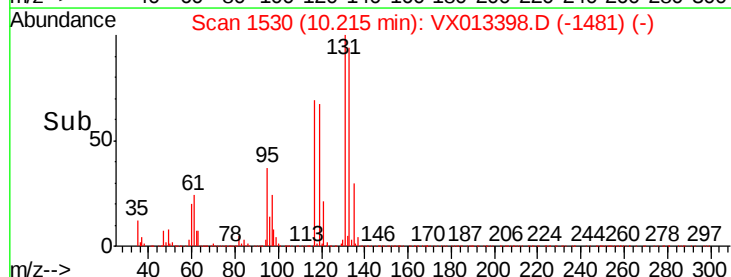
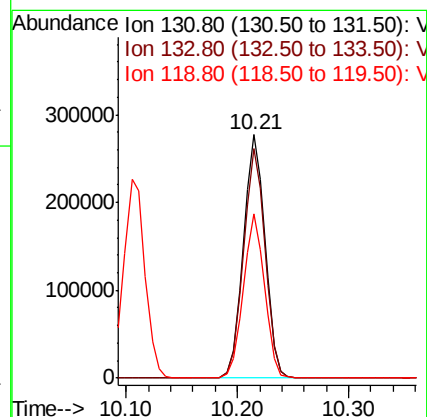
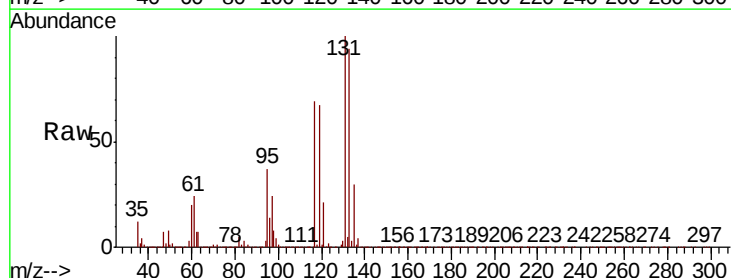
Tgt Ion:131 Resp: 372474

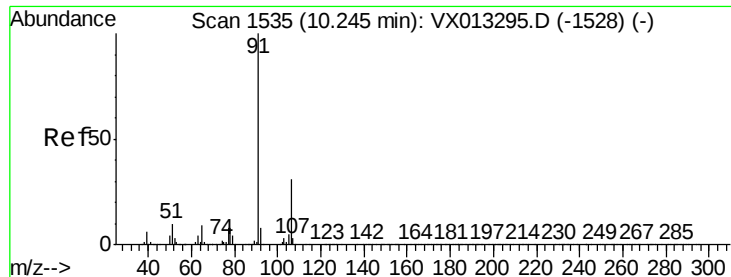
Ion Ratio Lower Upper

131 100

133 94.2 48.0 144.0

119 65.6 33.0 99.0





#67

Ethyl Benzene

Concen: 52.611 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

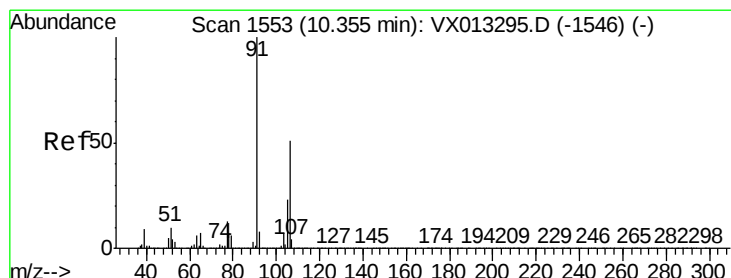
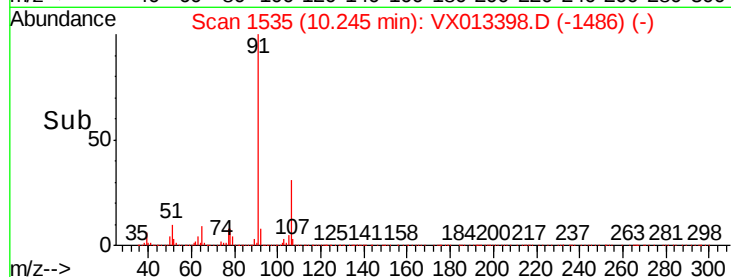
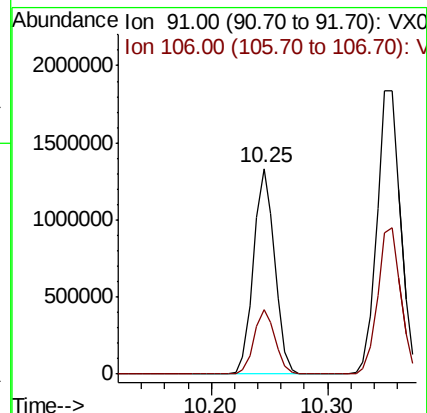
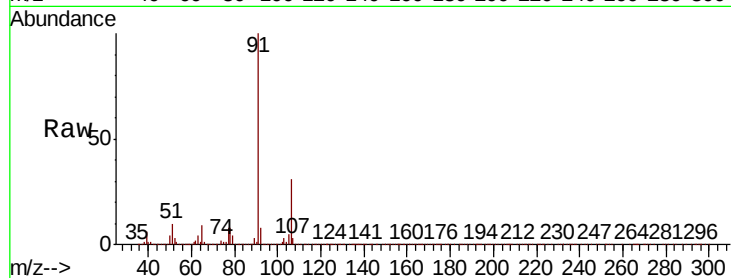
ClientSampled :

Tot Ion: 91 Resp: 1698553

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 107.072 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013398.D

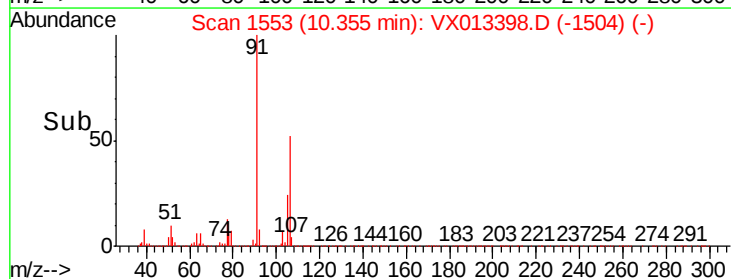
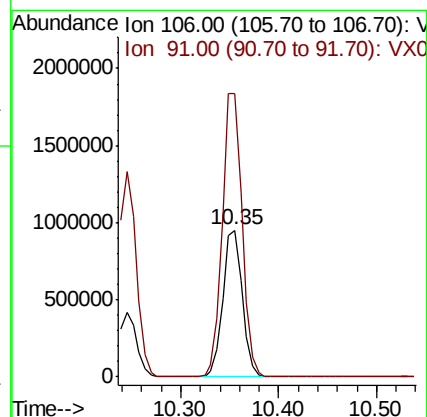
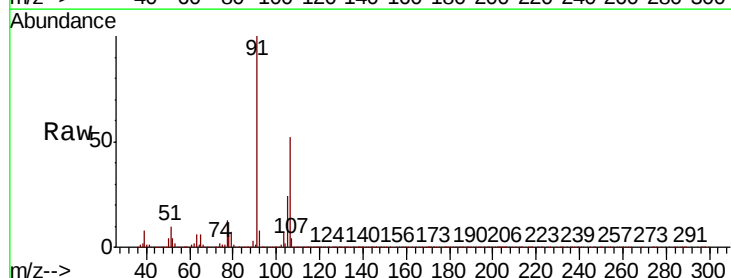
Acq: 13 Nov 2019 10:43

Tgt Ion: 106 Resp: 1307336

Ion Ratio Lower Upper

106 100

91 197.4 159.3 238.9

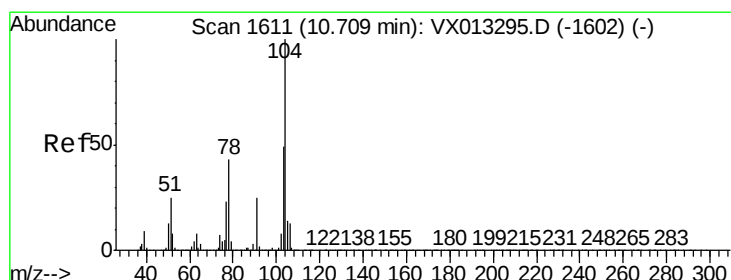
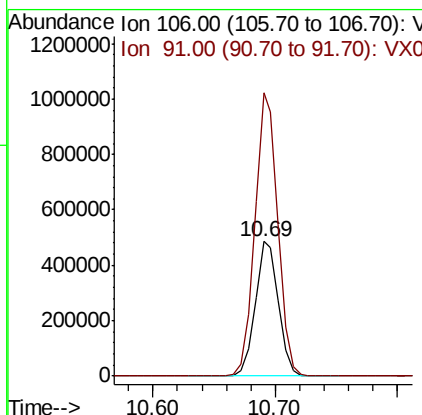
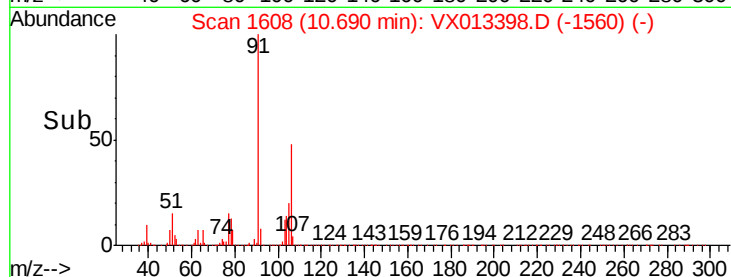
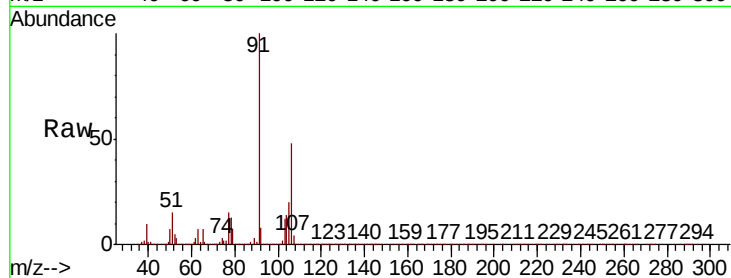




#69
o-Xylene
Concen: 53.575 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

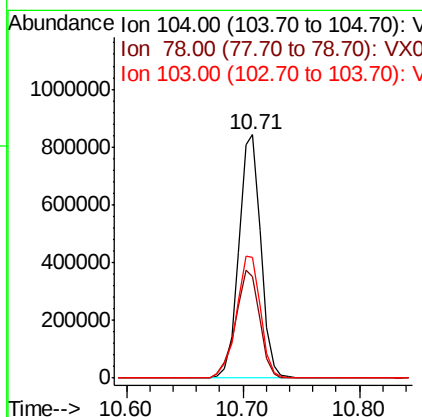
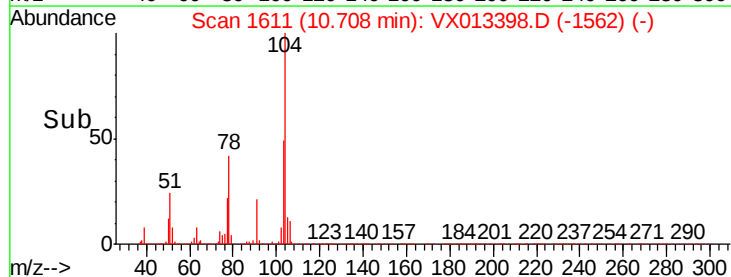
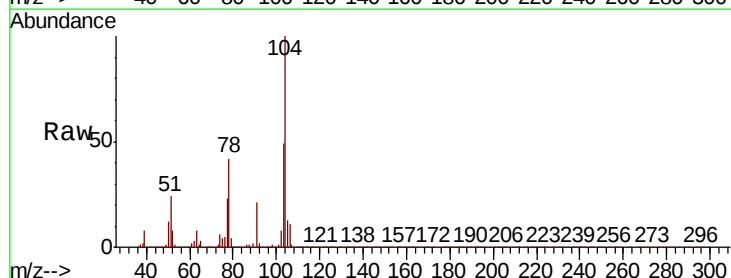
Instrument :
MSVOA_X
ClientSampled :

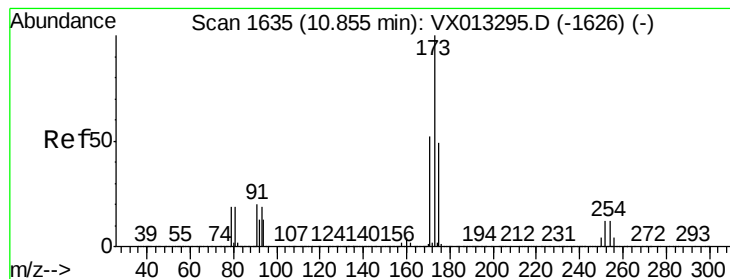
Tot Ion:106 Resp: 640432
Ion Ratio Lower Upper
106 100
91 208.0 105.7 317.0



#70
Styrene
Concen: 55.299 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion:104 Resp: 1104993
Ion Ratio Lower Upper
104 100
78 48.8 40.0 60.0
103 54.8 44.1 66.1





#71

Bromoform

Concen: 49.912 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

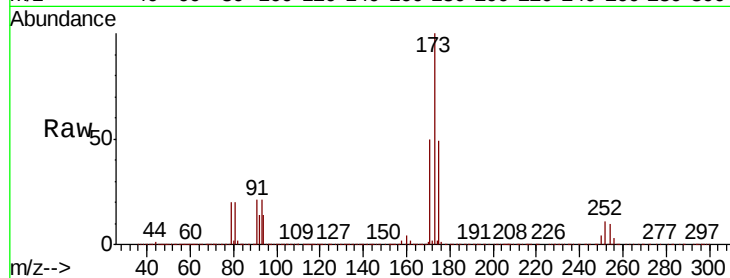
Tot Ion:173 Resp: 317819

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.4

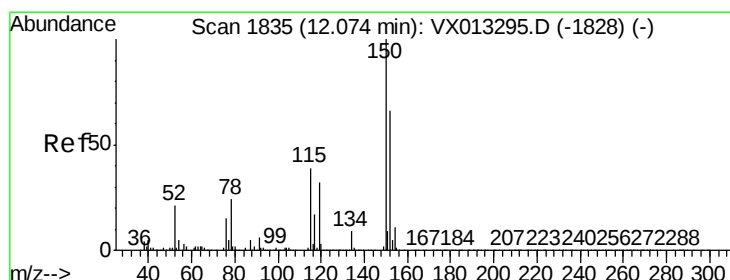
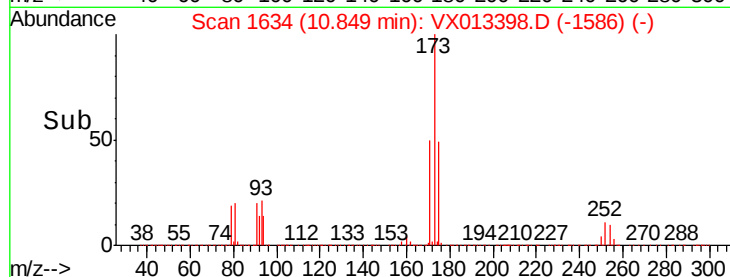
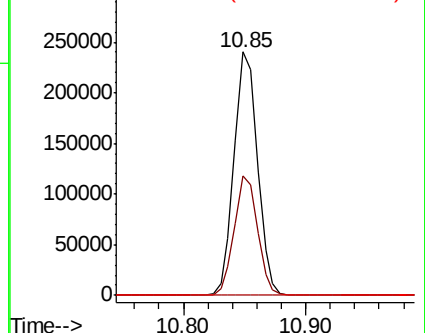
254 0.2 0.2 0.2



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: VX013398.D

Acq: 13 Nov 2019 10:43

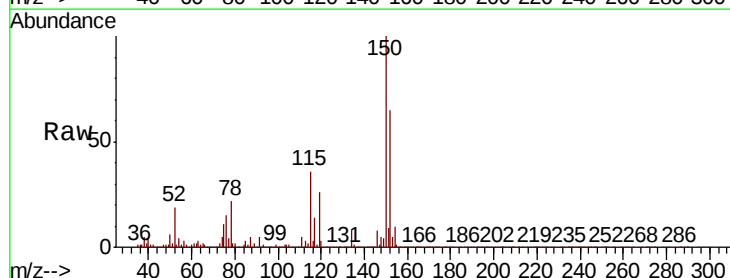
Tgt Ion:152 Resp: 471481

Ion Ratio Lower Upper

152 100

115 78.7 39.5 118.3

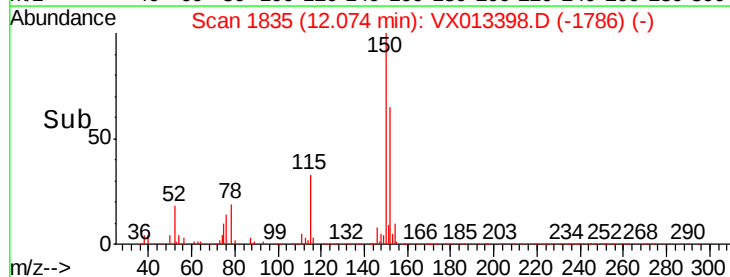
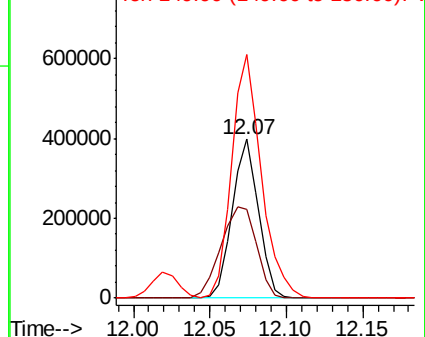
150 173.2 0.0 344.4

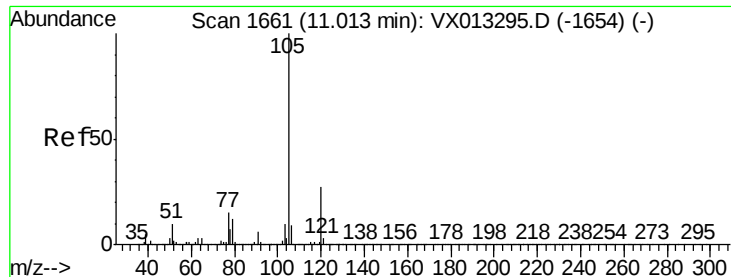


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.309 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

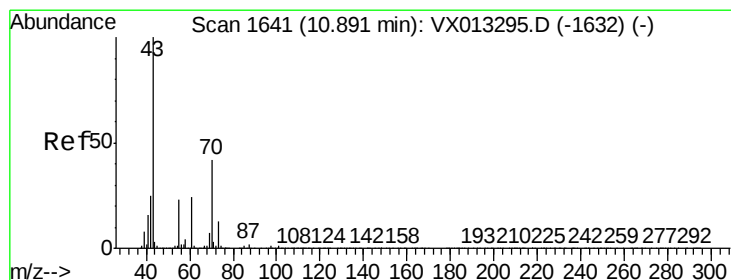
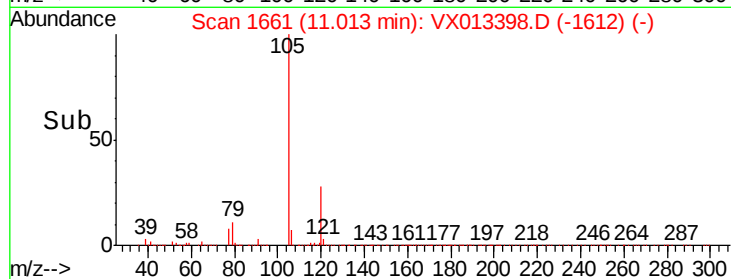
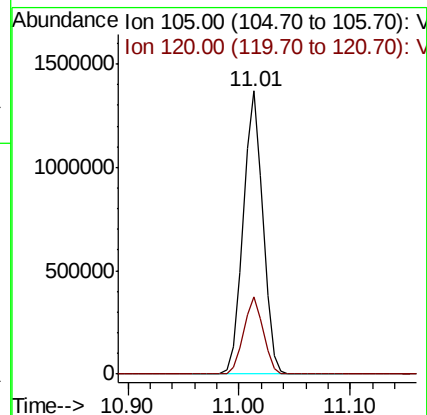
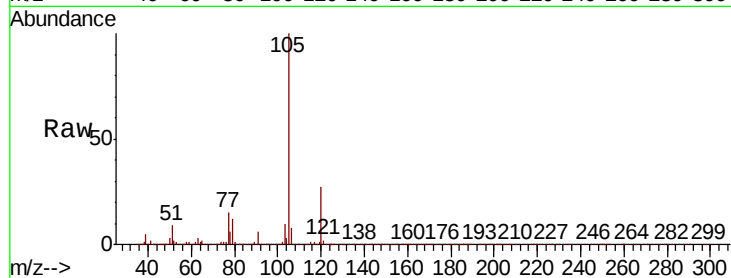
ClientSampleId :

Tot Ion:105 Resp: 1666428

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 55.031 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Tgt Ion: 43 Resp: 797733

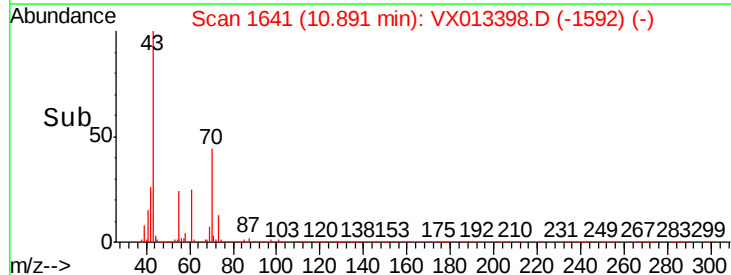
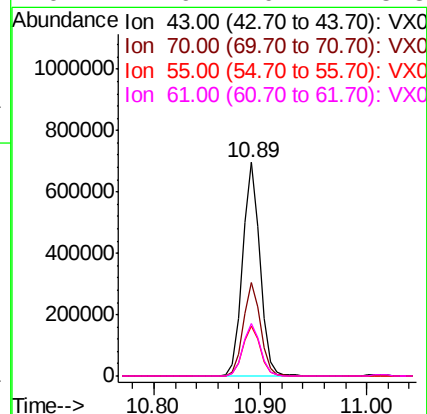
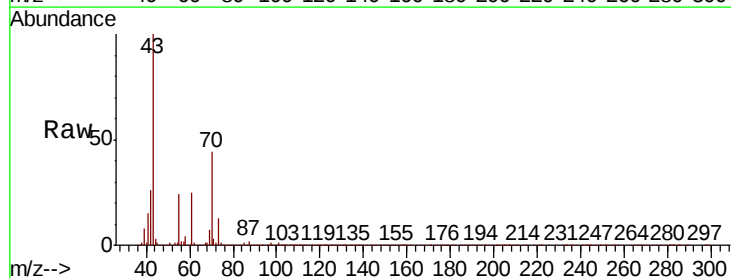
Ion Ratio Lower Upper

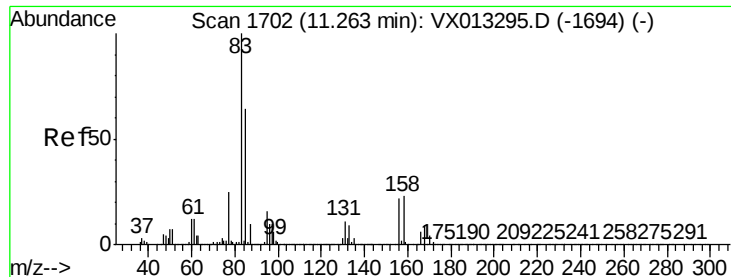
43 100

70 43.7 34.1 51.1

55 24.0 18.9 28.3

61 24.9 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.418 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

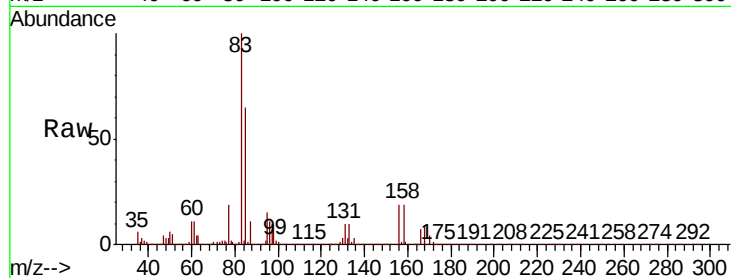
Tot Ion: 83 Resp: 597776

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

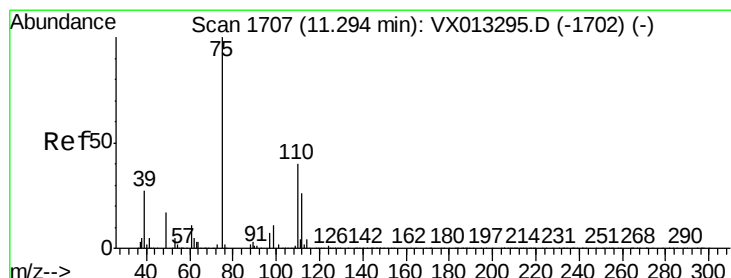
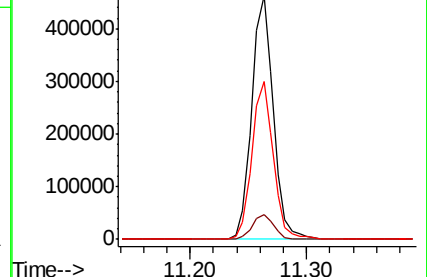
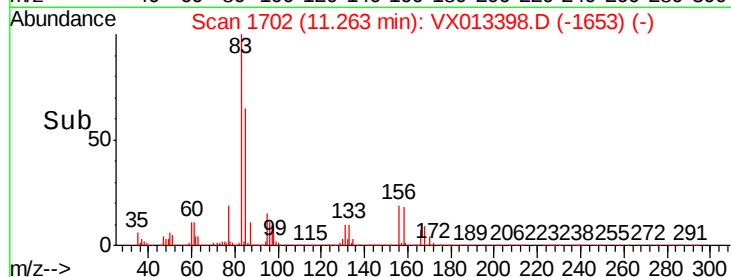
85 64.6 32.3 96.8



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: 71.011 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013398.D

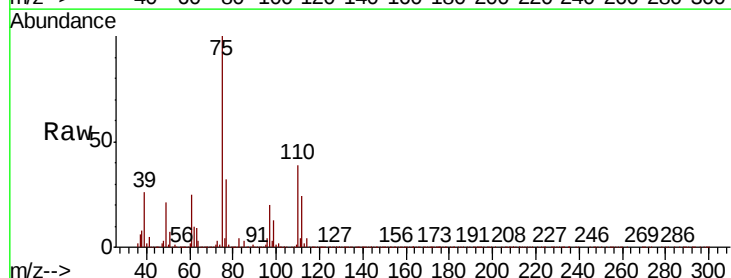
Acq: 13 Nov 2019 10:43

Tgt Ion: 75 Resp: 680034

Ion Ratio Lower Upper

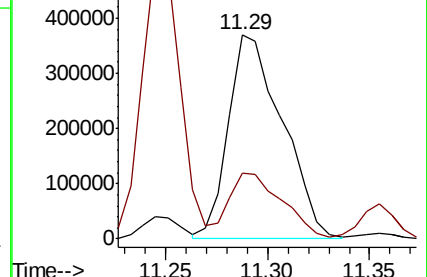
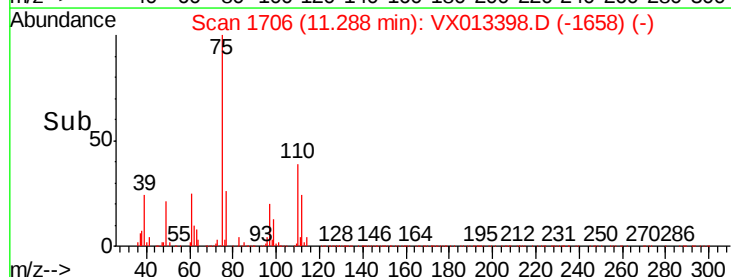
75 100

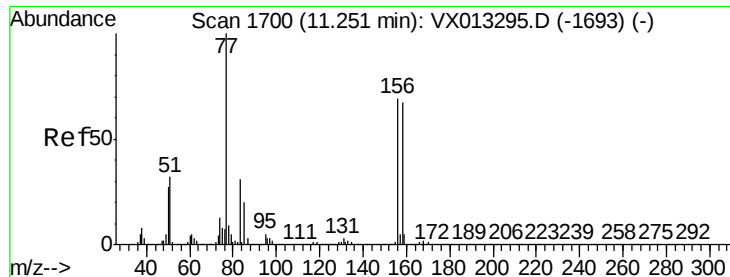
77 32.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.236 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

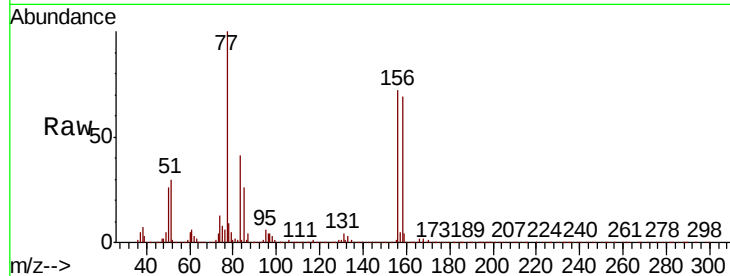
Tot Ion:156 Resp: 451977

Ion Ratio Lower Upper

156 100

77 146.4 75.8 227.4

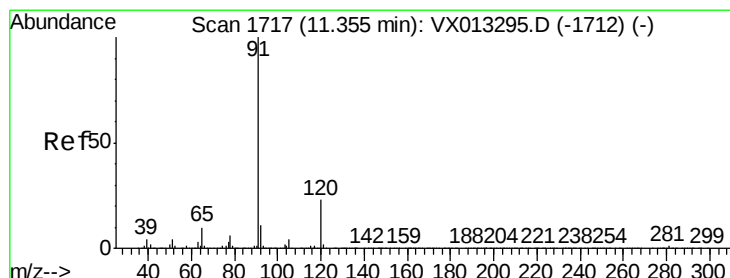
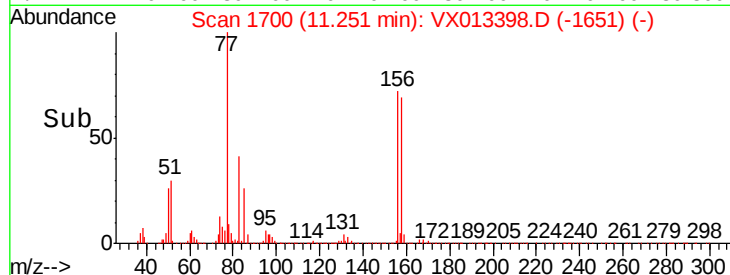
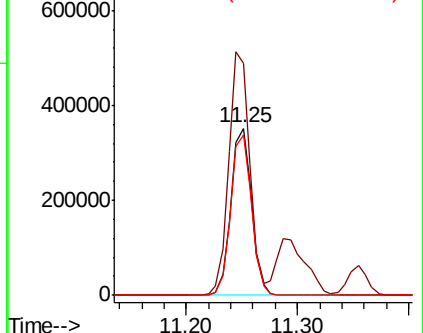
158 96.8 47.6 142.8



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: 54.784 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013398.D

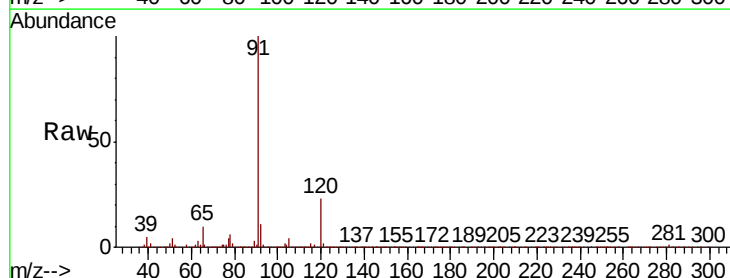
Acq: 13 Nov 2019 10:43

Tgt Ion: 91 Resp: 1907665

Ion Ratio Lower Upper

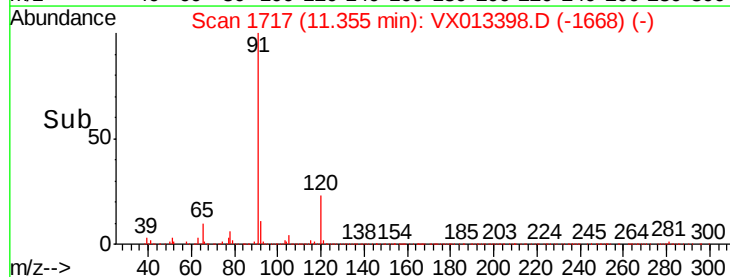
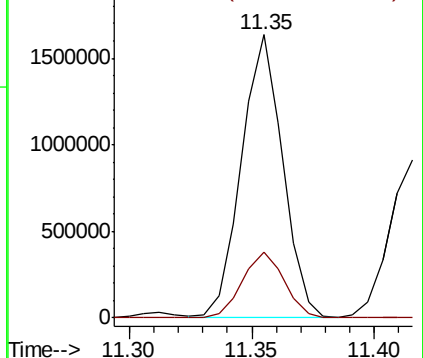
91 100

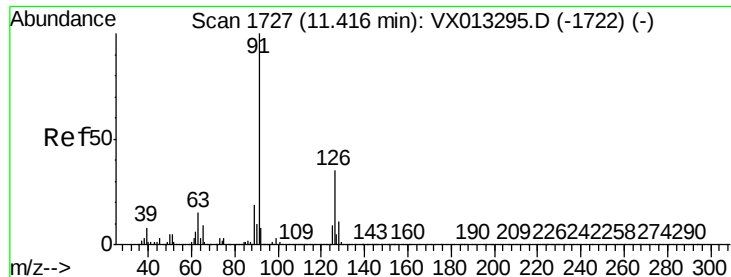
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.044 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

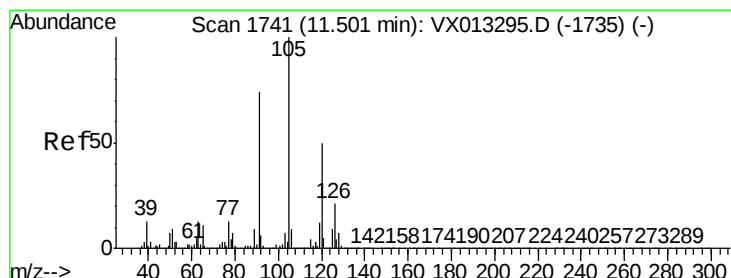
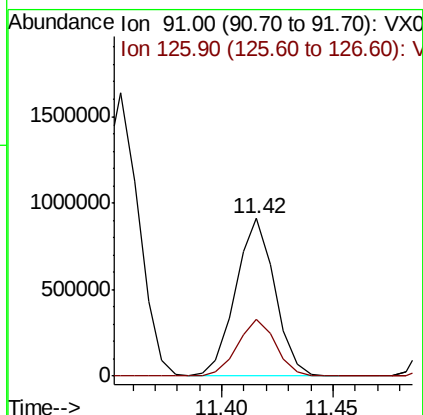
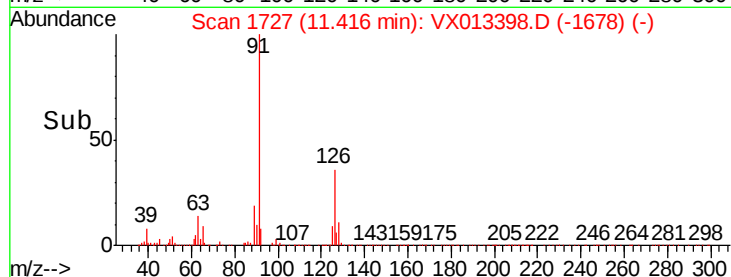
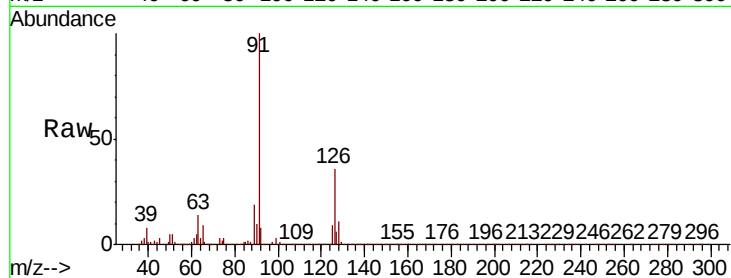
ClientSampleId :

Tot Ion: 91 Resp: 1112873

Ion Ratio Lower Upper

91 100

126 35.5 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 54.491 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013398.D

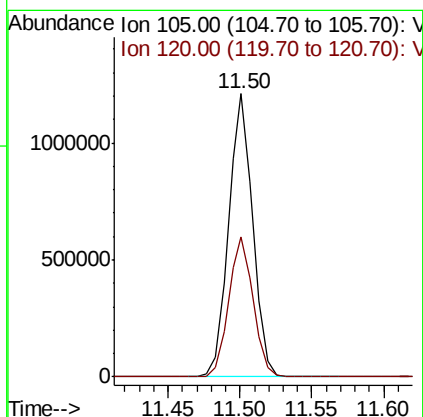
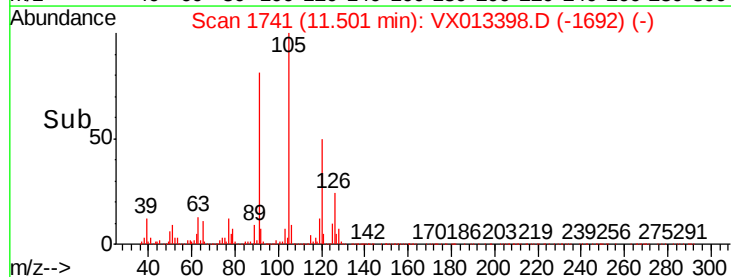
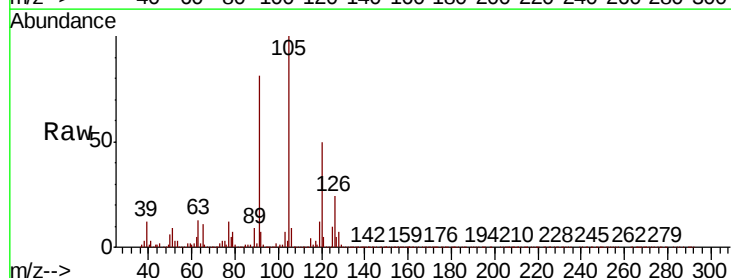
Acq: 13 Nov 2019 10:43

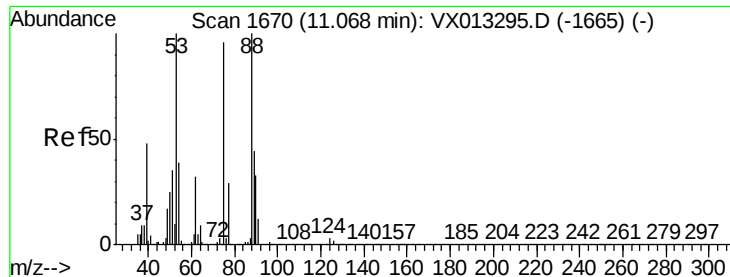
Tgt Ion: 105 Resp: 1418828

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.857 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

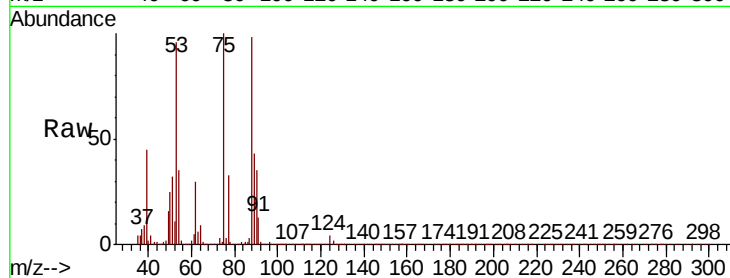
Tot Ion: 75 Resp: 204095

Ion Ratio Lower Upper

75 100

53 97.3 81.0 121.6

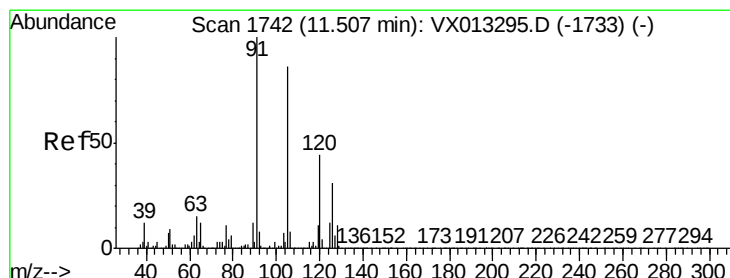
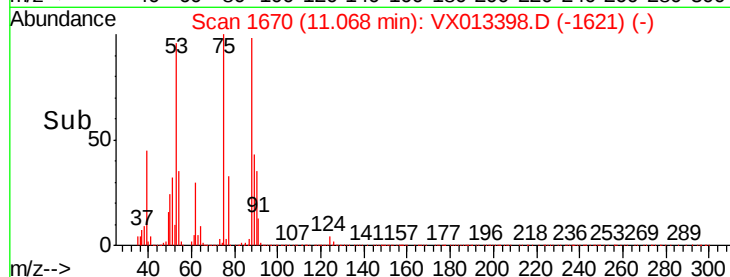
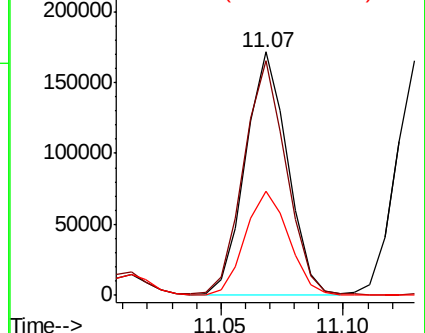
89 44.8 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.347 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013398.D

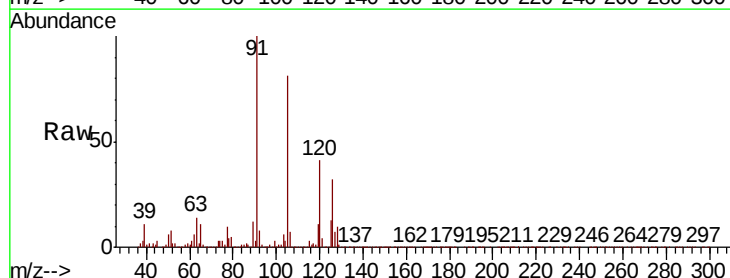
Acq: 13 Nov 2019 10:43

Tgt Ion: 91 Resp: 1310159

Ion Ratio Lower Upper

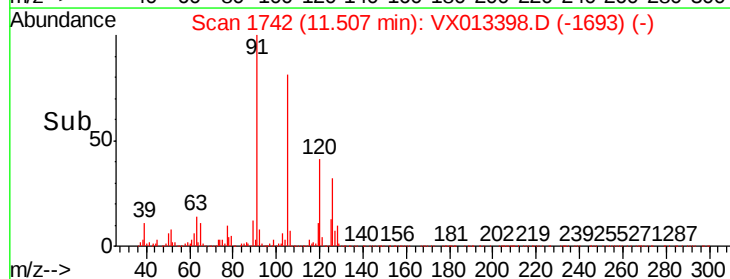
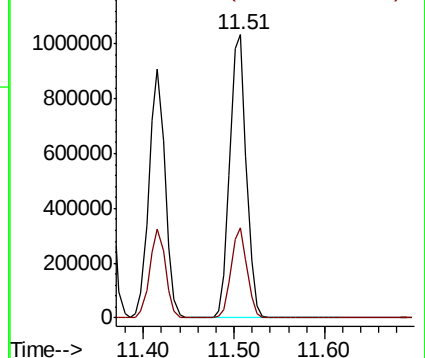
91 100

126 30.5 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

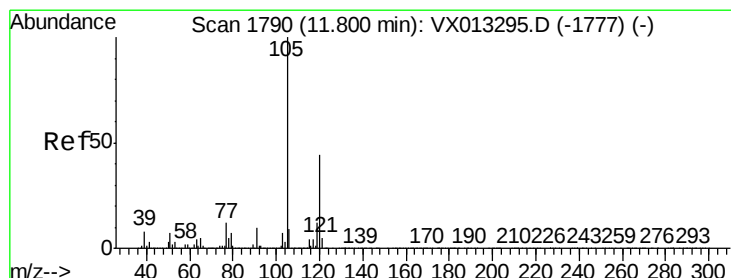
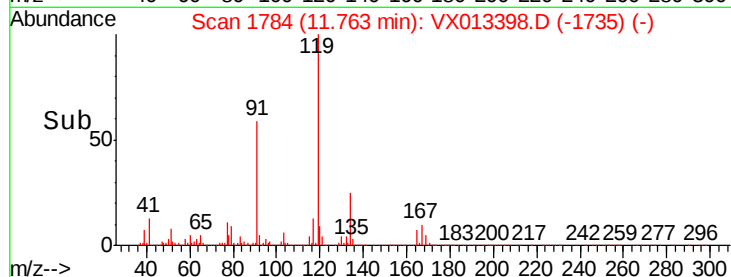
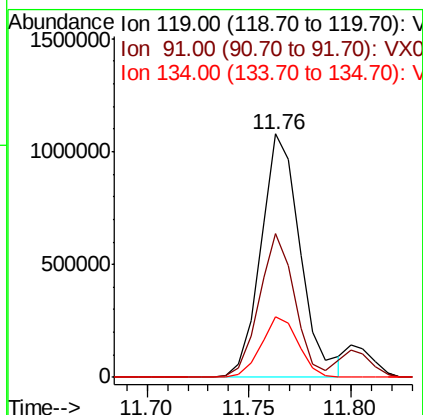
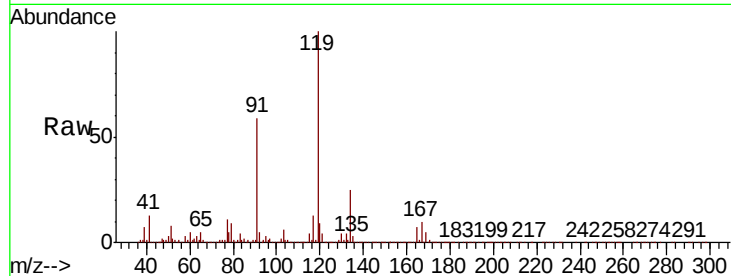




#83
tert-Butylbenzene
Concen: 55.216 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

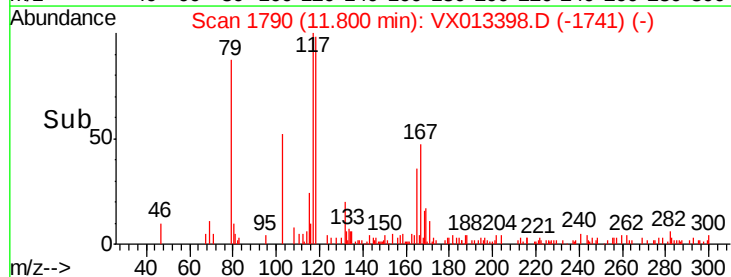
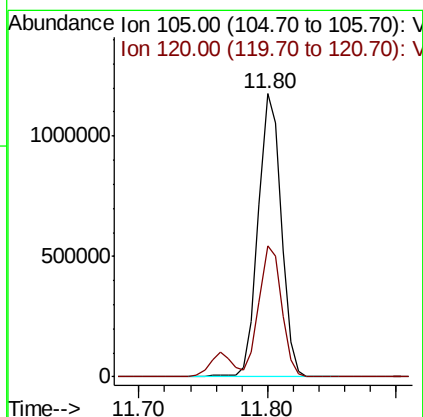
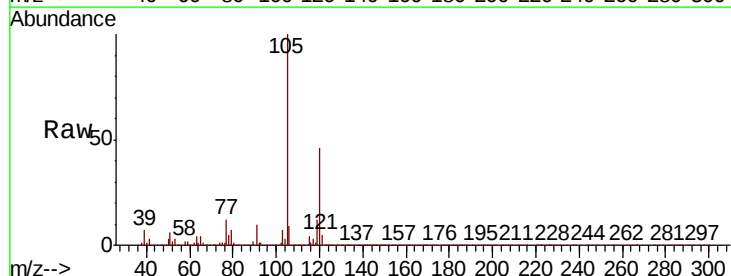
Instrument :
MSVOA_X
ClientSampled :

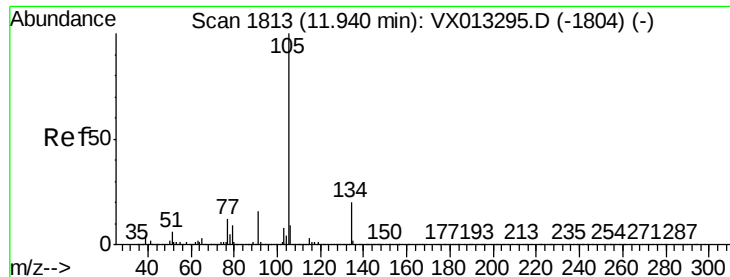
Tot Ion:119 Resp: 1447243
Ion Ratio Lower Upper
119 100
91 53.3 26.9 80.7
134 23.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 55.181 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013398.D
Acq: 13 Nov 2019 10:43

Tgt Ion:105 Resp: 1441304
Ion Ratio Lower Upper
105 100
120 45.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 53.989 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

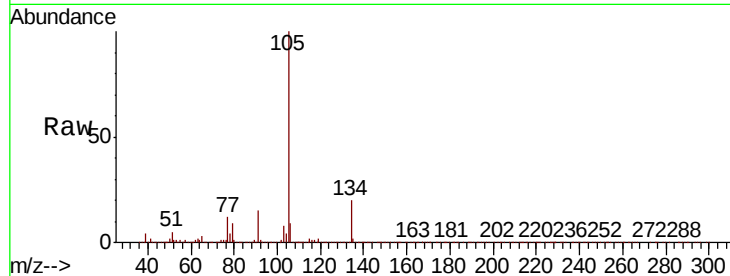
ClientSampleId :

Tot Ion:105 Resp: 1626360

Ion Ratio Lower Upper

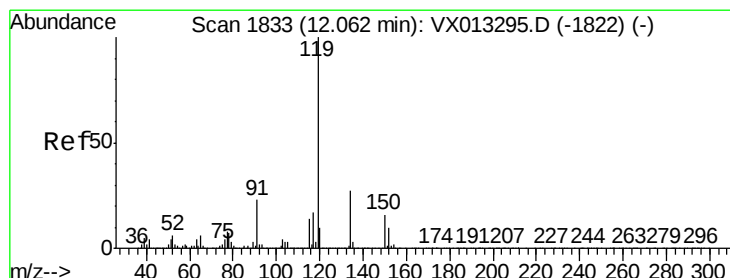
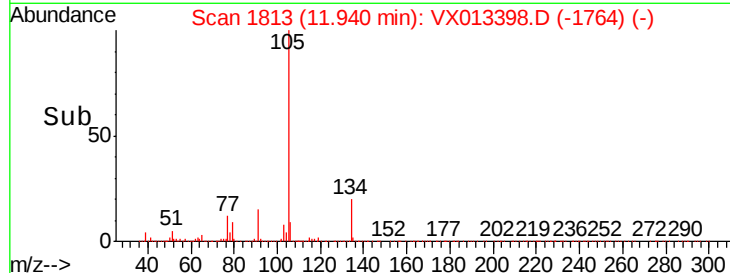
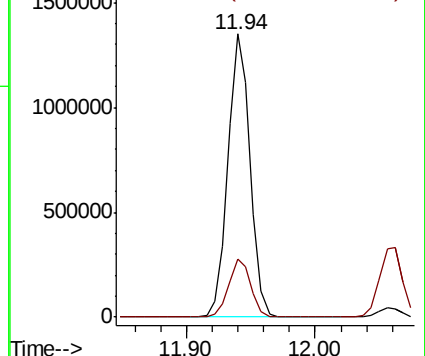
105 100

134 20.4 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: 55.015 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

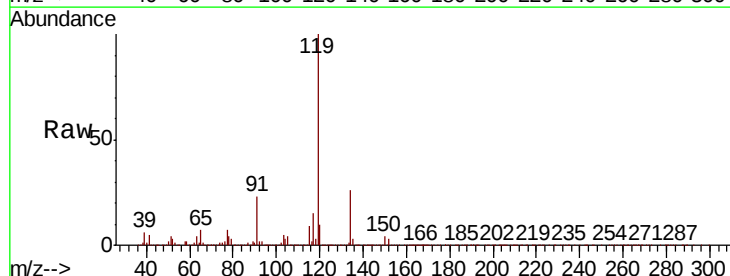
Tgt Ion:119 Resp: 1526041

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

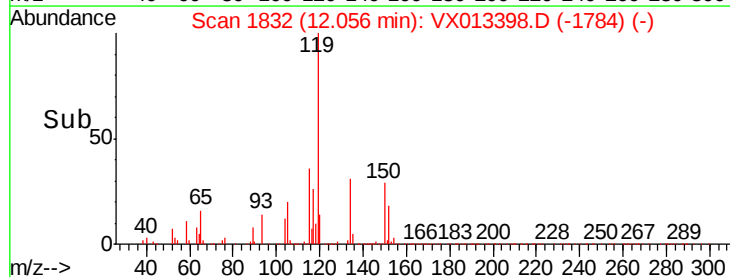
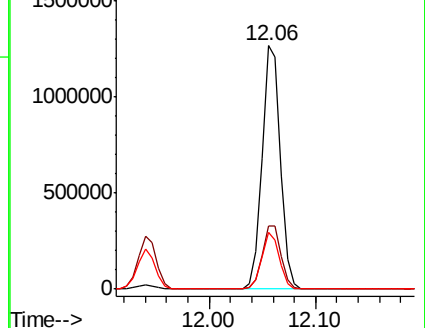
91 22.6 11.5 34.4



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

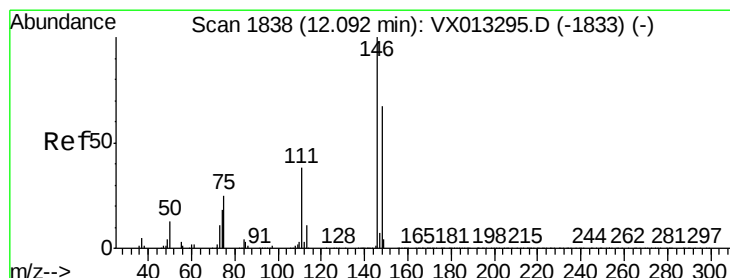
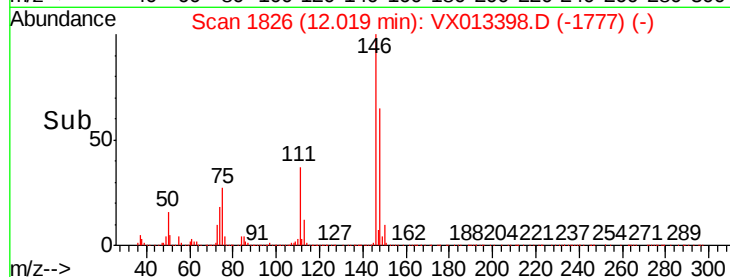
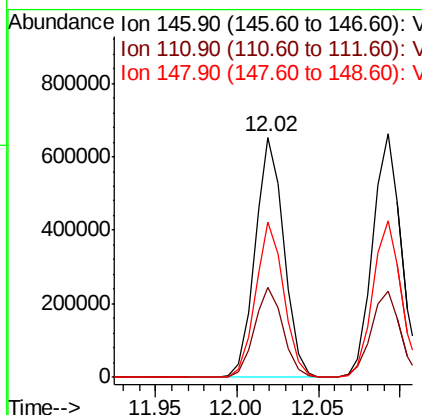
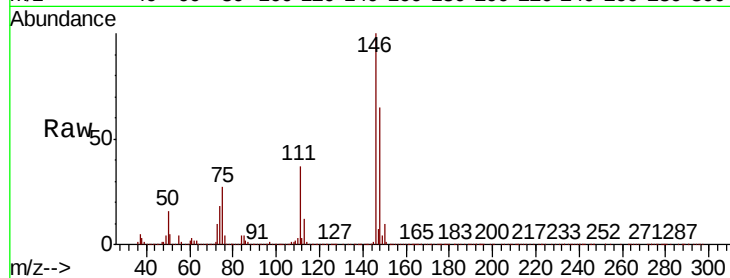




#87
 1,3-Dichlorobenzene
 Concen: 53.586 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013398.D
 Acq: 13 Nov 2019 10:43

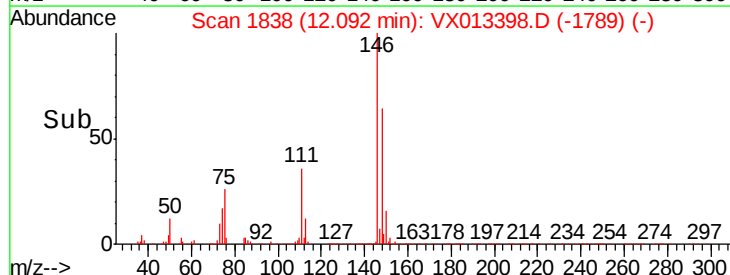
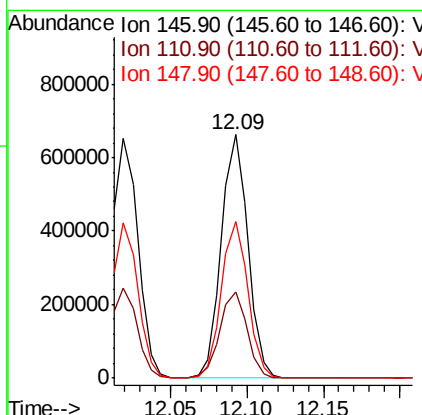
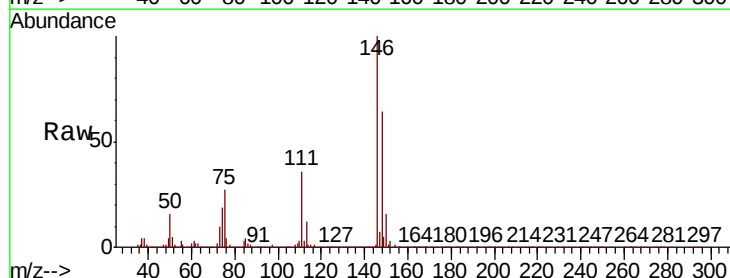
Instrument :
 MSVOA_X
 ClientSampleId :

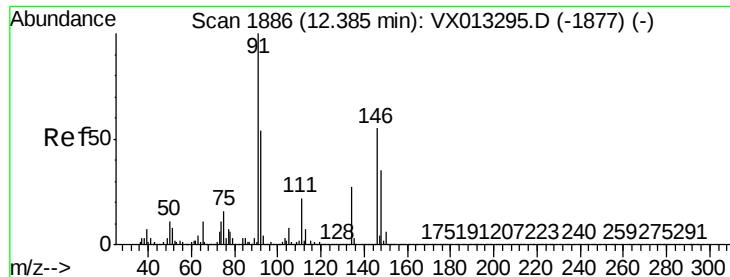
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.5
148	63.4	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 52.699 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013398.D
 Acq: 13 Nov 2019 10:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.8	56.4
148	64.4	32.4	97.0





#89

n-Butylbenzene

Concen: 54.596 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampled :

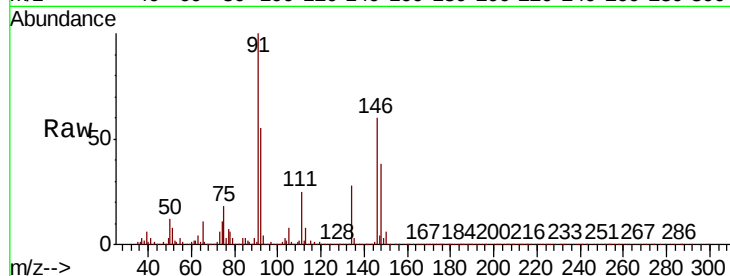
Tot Ion: 91 Resp: 1321447

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.3	81.8
134	26.8	13.5	40.5

91 100

92 54.6 27.3 81.8

134 26.8 13.5 40.5

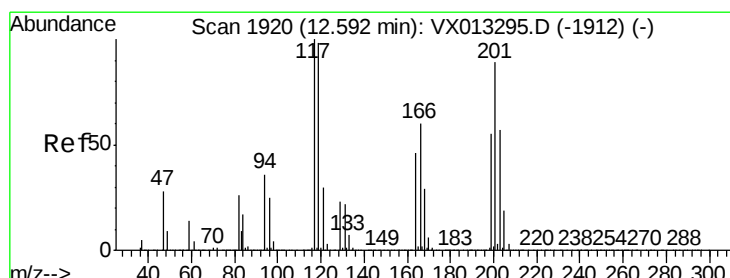
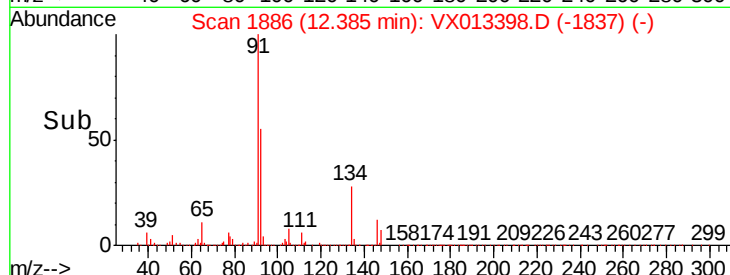
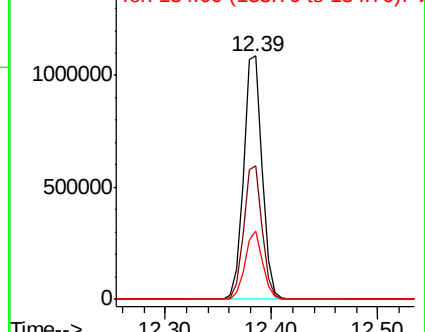


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 55.471 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013398.D

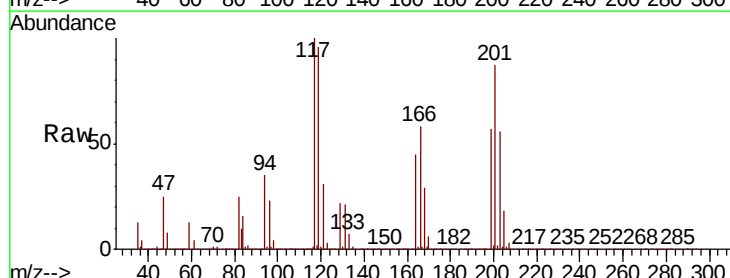
Acq: 13 Nov 2019 10:43

Tgt Ion: 117 Resp: 274150

Ion	Ratio	Lower	Upper
117	100		
201	86.1	43.9	131.7

117 100

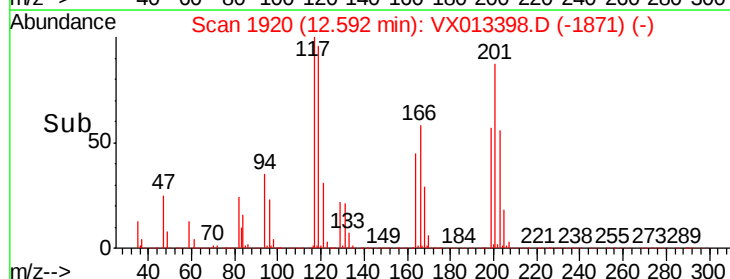
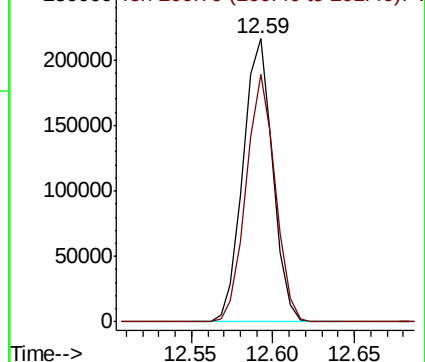
201 86.1 43.9 131.7

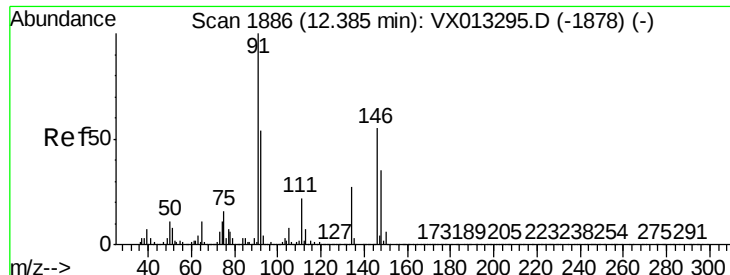


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

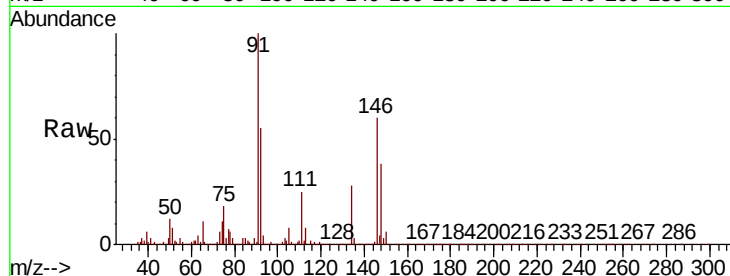




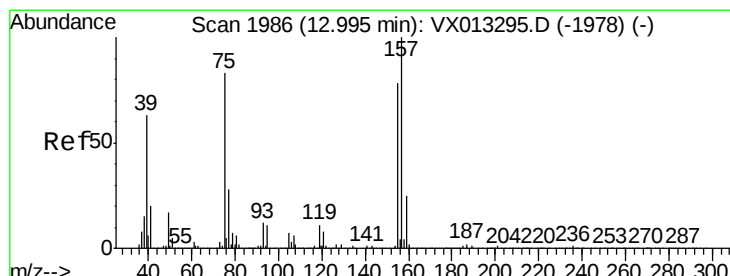
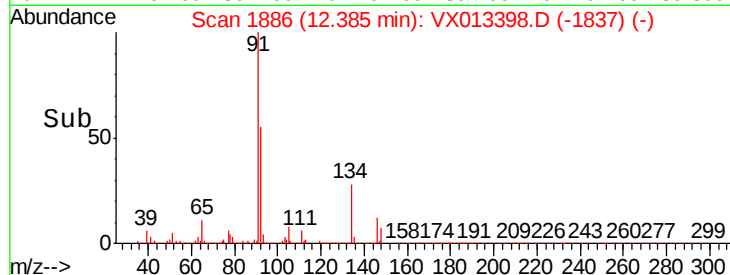
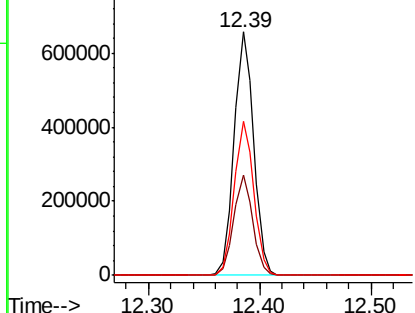
#91
 1,2-Dichlorobenzene
 Concen: 53.692 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013398.D
 Acq: 13 Nov 2019 10:43

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.4	32.0	96.0

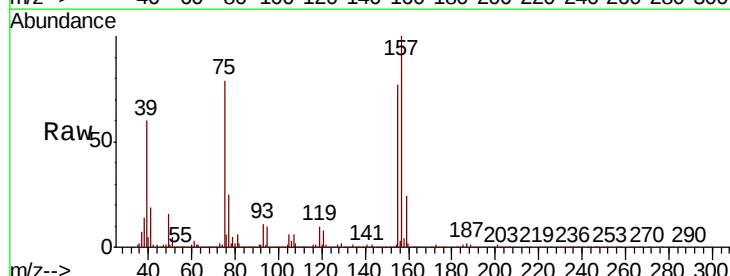


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

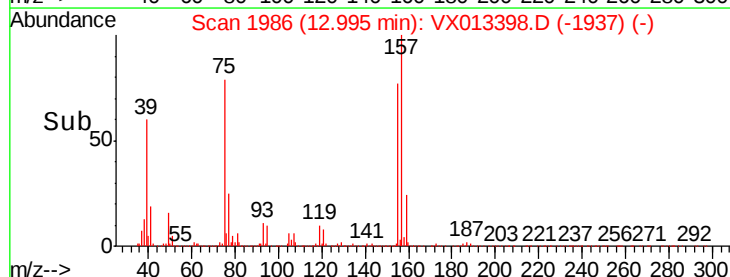
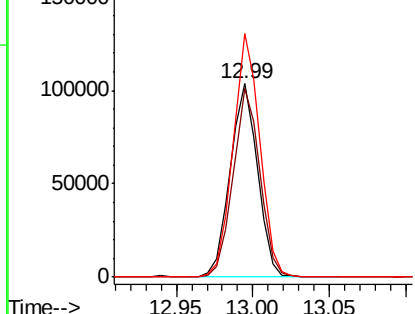


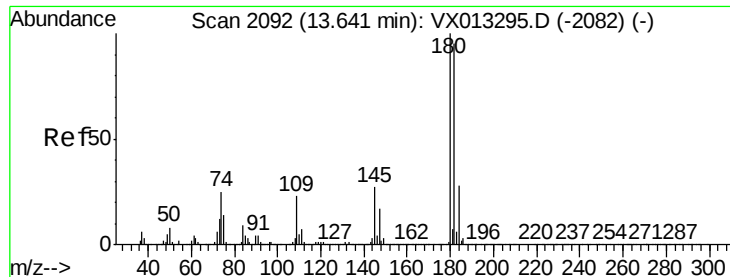
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.900 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013398.D
 Acq: 13 Nov 2019 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	47.1	141.4
157	123.6	61.3	183.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

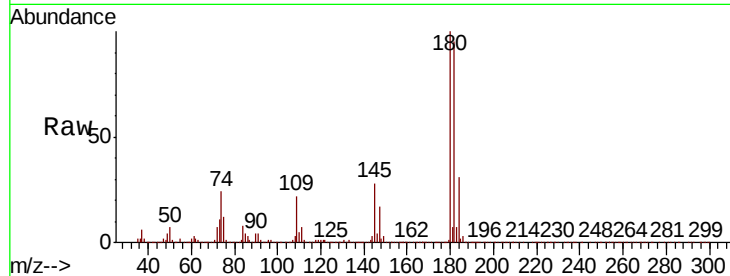




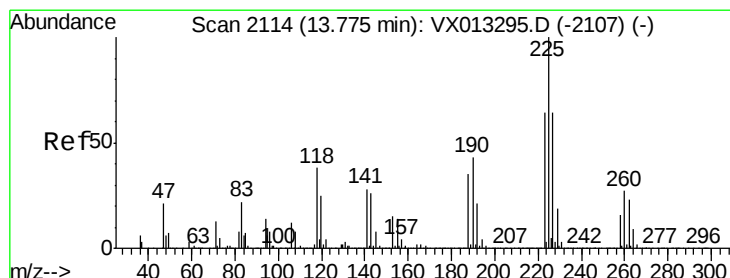
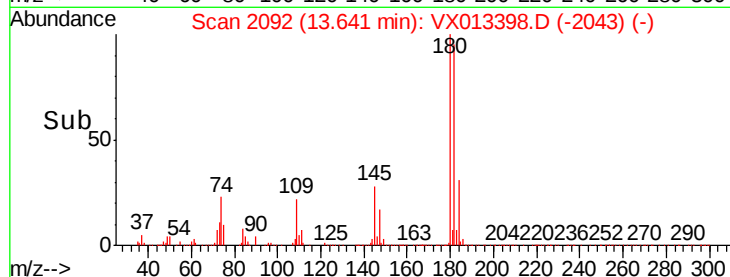
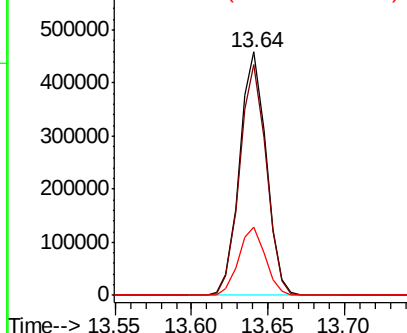
#93
 1,2,4-Trichlorobenzene
 Concen: 53.424 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013398.D
 Acq: 13 Nov 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 553344
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.4 145.0
 145 28.0 14.1 42.4

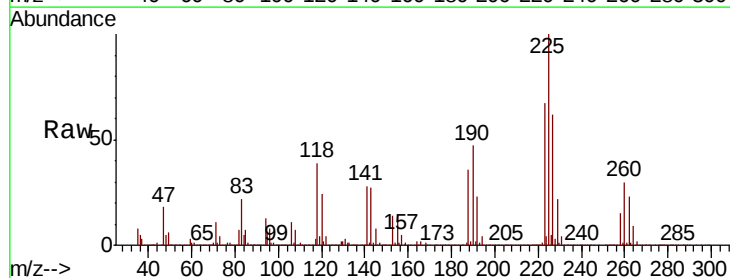


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

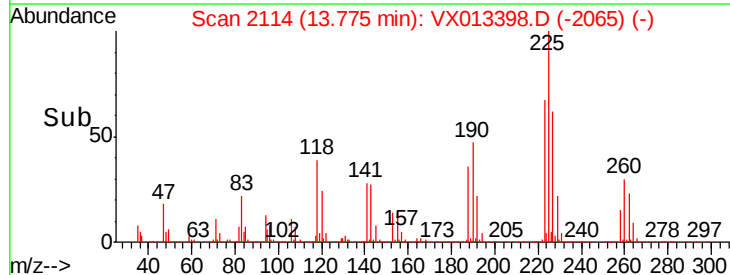
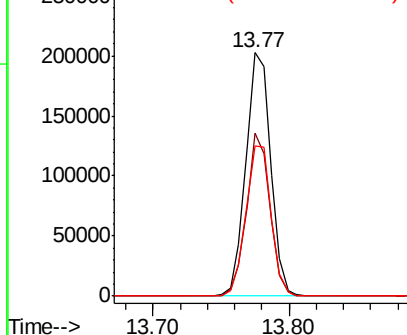


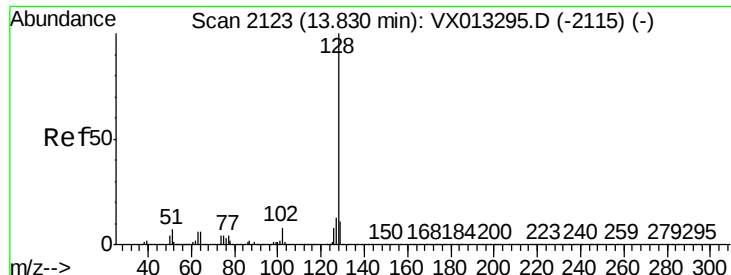
#94
 Hexachlorobutadiene
 Concen: 51.120 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013398.D
 Acq: 13 Nov 2019 10:43

Tgt Ion:225 Resp: 259041
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.7
 227 63.1 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.619 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

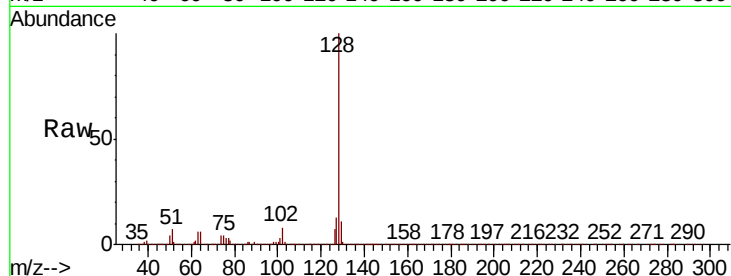
Tot Ion:128 Resp: 1709952

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.5	12.7

128 100

127 12.9 10.2 15.2

129 11.0 8.5 12.7

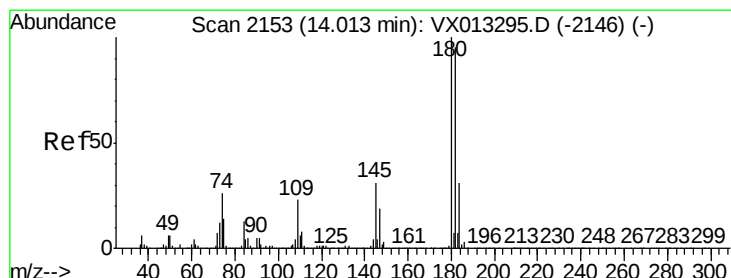
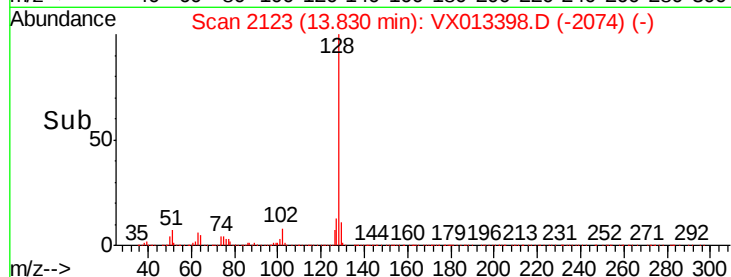
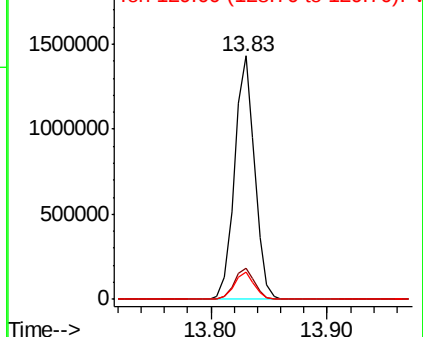


Abundance

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: 53.658 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013398.D

Acq: 13 Nov 2019 10:43

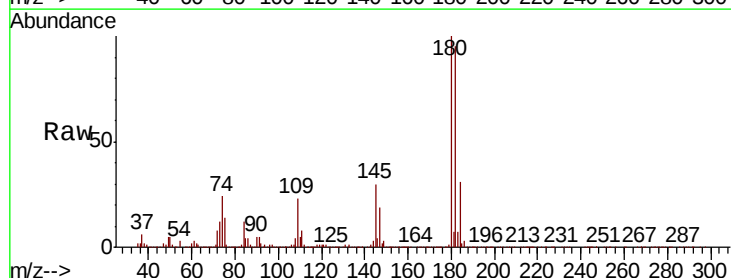
Tgt Ion:180 Resp: 557358

Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.2
145	29.2	15.4	46.4

180 100

182 96.4 48.0 144.2

145 29.2 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

