

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110119\
 Data File : VX013300.D
 Acq On : 01 Nov 2019 09:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:25:20 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	747891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1098806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	995133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	524005	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	416685	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
35) Dibromofluoromethane	5.48	113	333913	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	1280066	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	461328	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	463275	53.762	ug/l	98
3) Chloromethane	1.31	50	484978	51.898	ug/l	99
4) Vinyl Chloride	1.40	62	570587	53.633	ug/l	99
5) Bromomethane	1.62	94	366456	49.429	ug/l	99
6) Chloroethane	1.71	64	303645	49.928	ug/l	99
7) Trichlorofluoromethane	1.92	101	625408	49.758	ug/l	99
8) Diethyl Ether	2.17	74	273884	49.276	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	366906	52.374	ug/l	99
10) Methyl Iodide	2.50	142	442621	51.032	ug/l	100
11) Tert butyl alcohol	3.03	59	481074	206.000	ug/l	99
12) 1,1-Dichloroethene	2.36	96	352950	51.448	ug/l	99
13) Acrolein	2.28	56	291782	230.535	ug/l	98
14) Allyl chloride	2.72	41	639557	51.309	ug/l	99
15) Acrylonitrile	3.12	53	1051667	241.083	ug/l	100
16) Acetone	2.43	43	1170890	264.943	ug/l	97
17) Carbon Disulfide	2.56	76	969038	52.774	ug/l	99
18) Methyl Acetate	2.76	43	581957	47.698	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1181515	51.637	ug/l	98
20) Methylene Chloride	2.84	84	389169	47.661	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	378044	50.611	ug/l	96
22) Diisopropyl ether	3.84	45	1257362	52.249	ug/l	96
23) Vinyl Acetate	3.79	43	5319804	258.341	ug/l	99
24) 1,1-Dichloroethane	3.69	63	677154	50.301	ug/l	99
25) 2-Butanone	4.65	43	1621271	250.068	ug/l	98
26) 2,2-Dichloropropane	4.57	77	579938	54.152	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	426172	50.932	ug/l	98
28) Bromochloromethane	5.00	49	197382	51.639	ug/l	97
29) Tetrahydrofuran	5.11	42	968466	242.402	ug/l	99
30) Chloroform	5.19	83	677015	50.930	ug/l	95
31) Cyclohexane	5.56	56	626747	51.739	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	592402	51.784	ug/l	99
36) 1,1-Dichloropropene	5.78	75	525107	55.706	ug/l	99
37) Ethyl Acetate	4.81	43	576698	49.511	ug/l	99
38) Carbon Tetrachloride	5.77	117	516529	56.036	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	654635	55.735	ug/l	99
40) Benzene	6.13	78	1532905	52.205	ug/l	100
41) Methacrylonitrile	5.02	41	327862	50.219	ug/l	99
42) 1,2-Dichloroethane	6.18	62	557912	52.676	ug/l	100
43) Isopropyl Acetate	6.43	43	959777	52.916	ug/l	100
44) Trichloroethene	7.20	130	424581	52.530	ug/l	99
45) 1,2-Dichloropropane	7.50	63	395936	52.922	ug/l	99
46) Dibromomethane	7.65	93	265711	52.016	ug/l	99
47) Bromodichloromethane	7.89	83	536141	55.659	ug/l	92
48) Methyl methacrylate	7.76	41	482288	53.268	ug/l	98
49) 1,4-Dioxane	7.73	88	195879	944.696	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	3008244	252.794	ug/l	99
52) Toluene	8.78	92	987734	54.274	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	609500	57.865	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	653979	55.504	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	398406	52.816	ug/l	98
56) Ethyl methacrylate	9.17	69	638695	49.609	ug/l	100
57) 1,3-Dichloropropane	9.36	76	673610	52.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1444658	280.096	ug/l	100
59) 2-Hexanone	9.48	43	2451283	266.559	ug/l	99
60) Dibromochloromethane	9.57	129	435572	56.460	ug/l	99
61) 1,2-Dibromoethane	9.67	107	426339	53.226	ug/l	99
64) Tetrachloroethene	9.33	164	381979	53.620	ug/l	99
65) Chlorobenzene	10.14	112	1063455	52.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	399548	54.012	ug/l	99
67) Ethyl Benzene	10.25	91	1907663	54.863	ug/l	100
68) m/p-Xylenes	10.35	106	1460078	111.030	ug/l	99
69) o-Xylene	10.70	106	700271	54.392	ug/l	99
70) Styrene	10.71	104	1205370	56.008	ug/l	99
71) Bromoform	10.85	173	339190	49.488	ug/l #	99
73) Isopropylbenzene	11.01	105	1881129	54.145	ug/l	100
74) N-amyl acetate	10.89	43	880473	54.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	633990	50.021	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	736761	69.223	ug/l	78
77) Bromobenzene	11.25	156	493148	53.245	ug/l	98
78) n-propylbenzene	11.35	91	2180881	56.352	ug/l	99
79) 2-Chlorotoluene	11.42	91	1263741	54.198	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1603887	55.424	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	222194	53.736	ug/l	97
82) 4-Chlorotoluene	11.51	91	1486947	54.477	ug/l	100
83) tert-Butylbenzene	11.76	119	1609470	55.250	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1608085	55.395	ug/l	99
85) sec-Butylbenzene	11.94	105	1881102	56.186	ug/l	100
86) p-Isopropyltoluene	12.06	119	1762967	57.185	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	887240	53.741	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	893311	53.108	ug/l	99
89) n-Butylbenzene	12.38	91	1567902	58.285	ug/l	100
90) Hexachloroethane	12.59	117	310343	56.500	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	873290	52.918	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	146738	47.520	ug/l	99

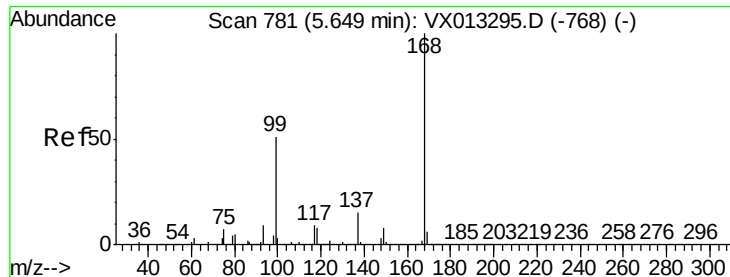
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	645686	56.091	ug/l	99
94) Hexachlorobutadiene	13.77	225	317673	56.407	ug/l	100
95) Naphthalene	13.83	128	2024674	56.059	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	638756	55.330	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: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

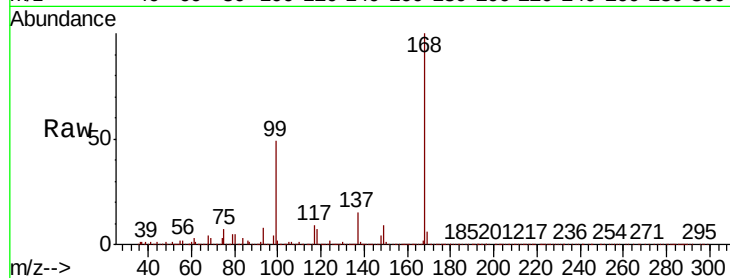
ClientSampleId :

Tot Ion:168 Resp: 747891

Ion Ratio Lower Upper

168 100

99 49.1 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

300000

250000

200000

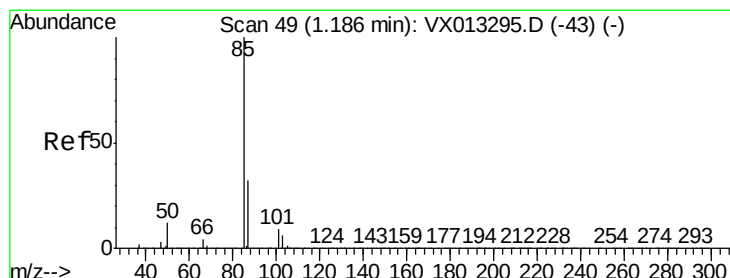
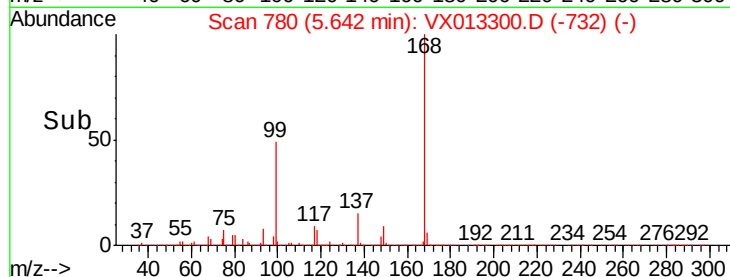
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.762 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013300.D

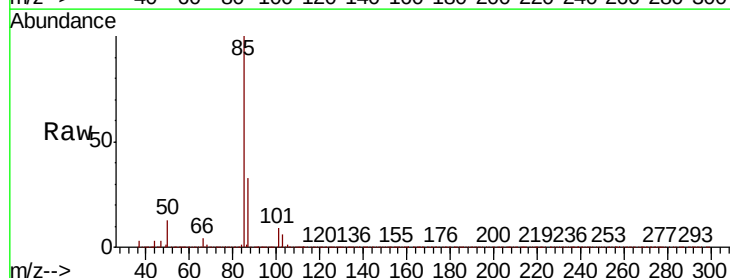
Acq: 01 Nov 2019 09:53

Tgt Ion: 85 Resp: 463275

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

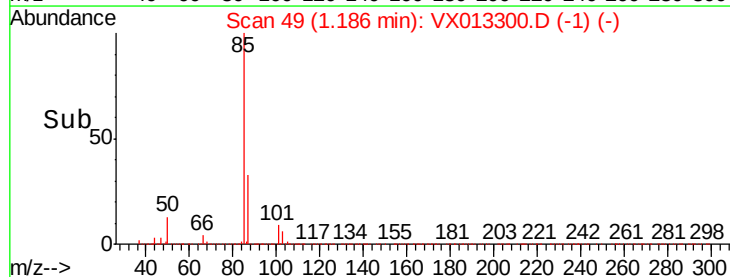
300000

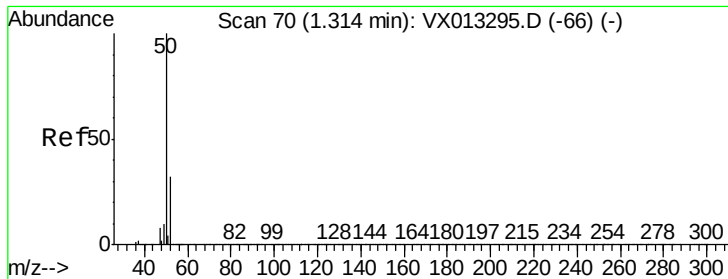
200000

100000

0

Time-->





#3

Chloromethane

Concen: 51.898 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

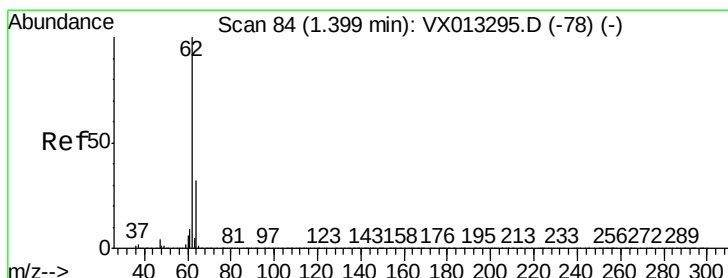
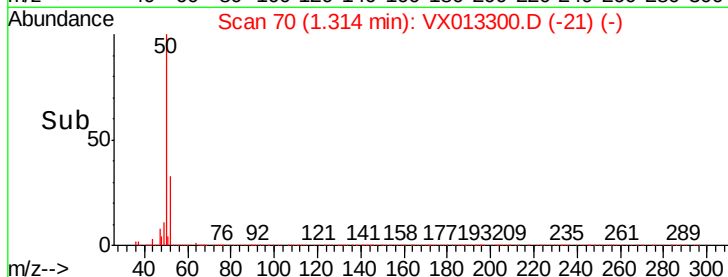
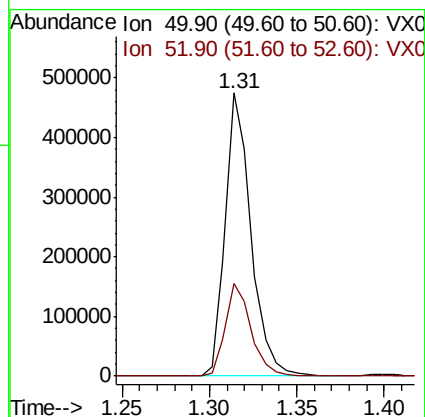
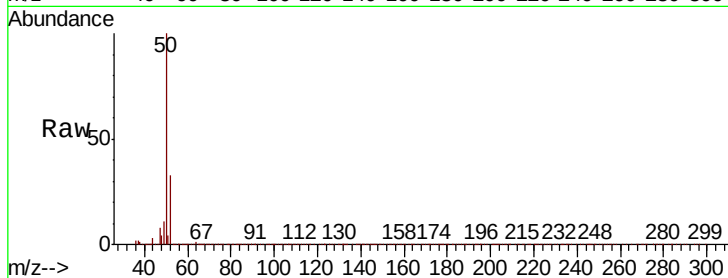
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 484978

Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3



#4

Vinyl Chloride

Concen: 53.633 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013300.D

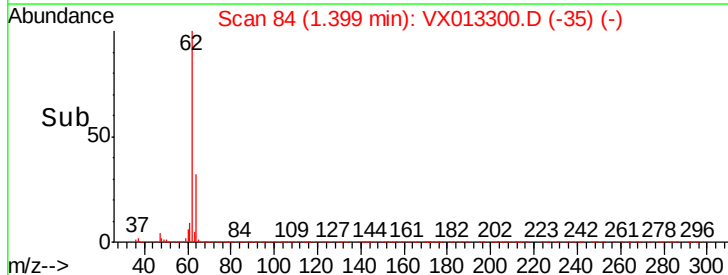
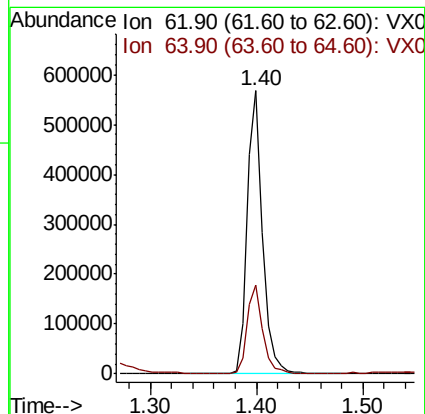
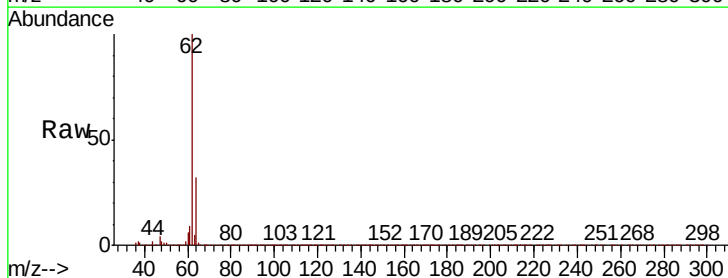
Acq: 01 Nov 2019 09:53

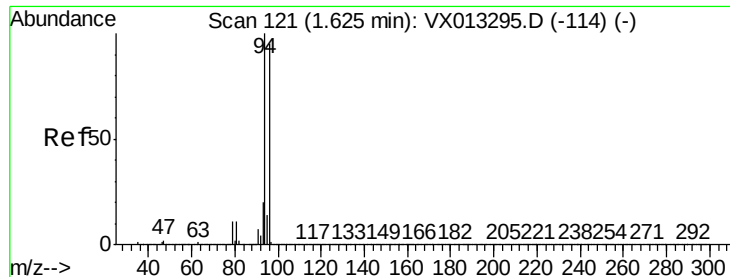
Tgt Ion: 62 Resp: 570587

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 49.429 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

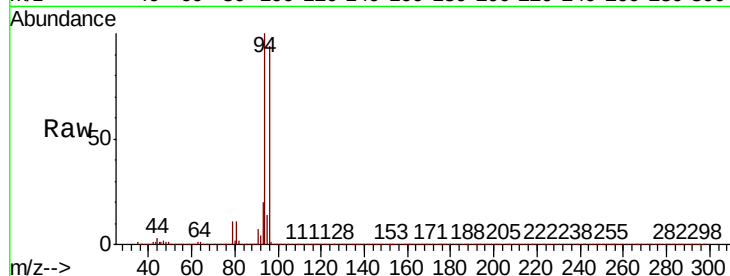
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 366456

Ion Ratio Lower Upper

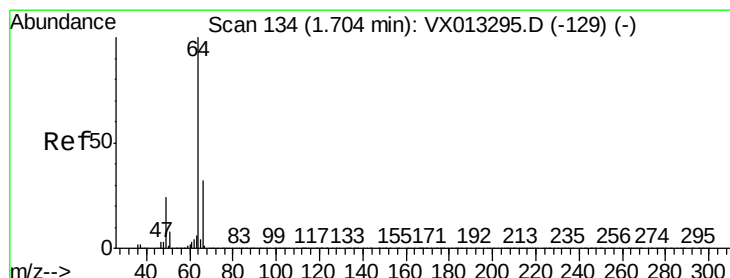
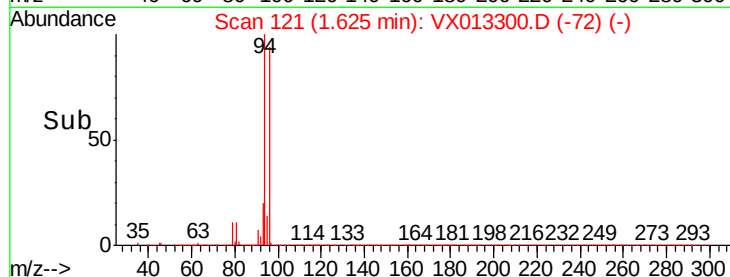
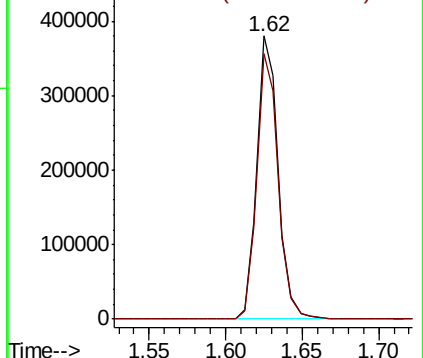
94 100

96 93.7 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: 49.928 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013300.D

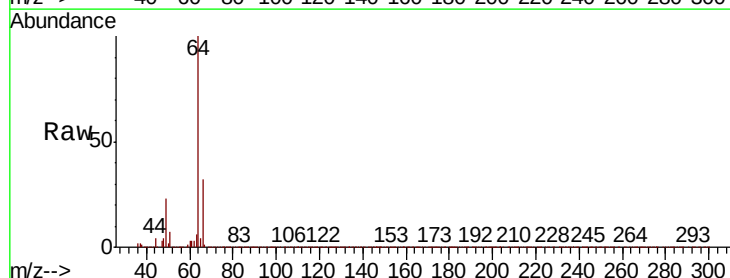
Acq: 01 Nov 2019 09:53

Tgt Ion: 64 Resp: 303645

Ion Ratio Lower Upper

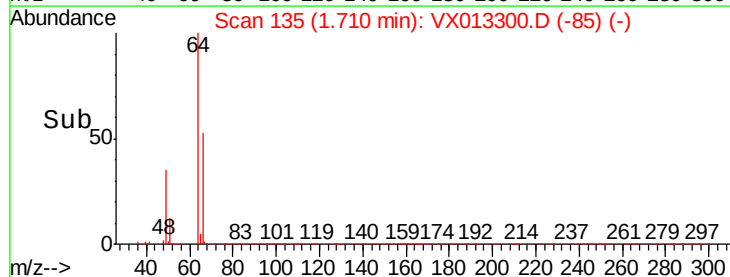
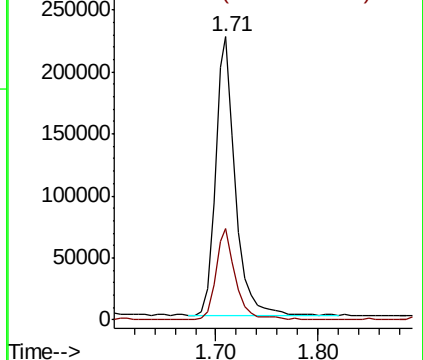
64 100

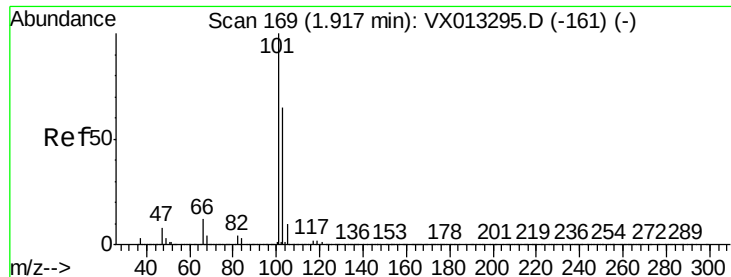
66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



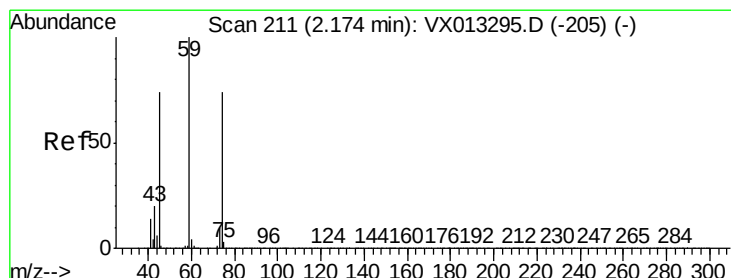
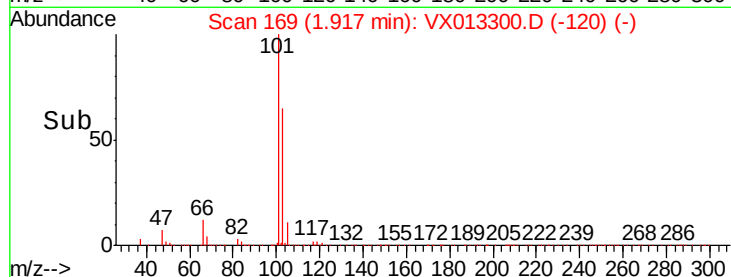
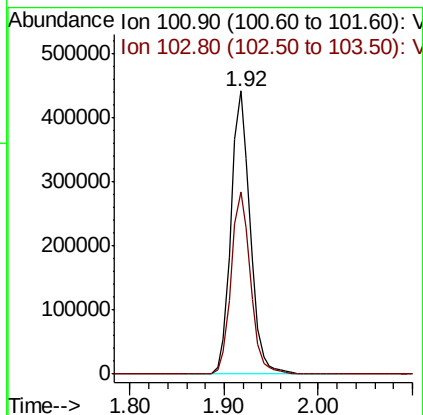
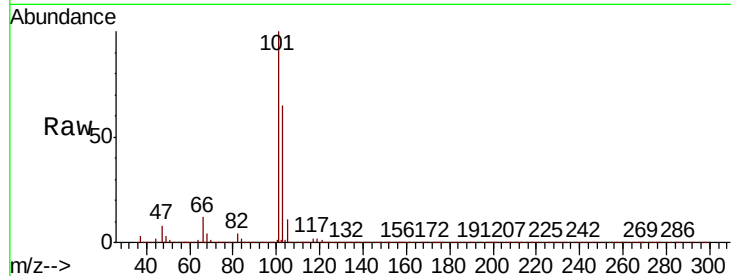


#7

Trichlorofluoromethane
Concen: 49.758 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :

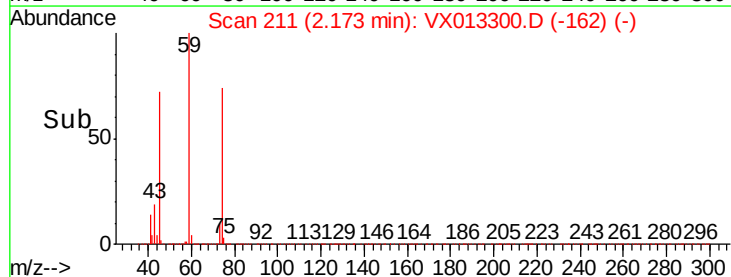
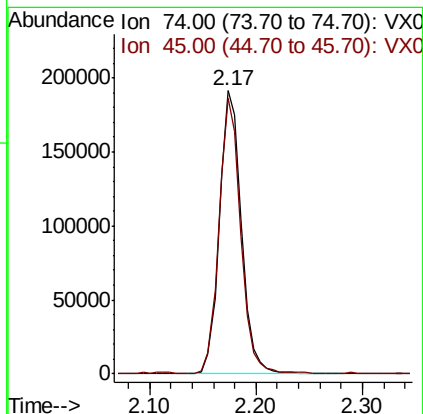
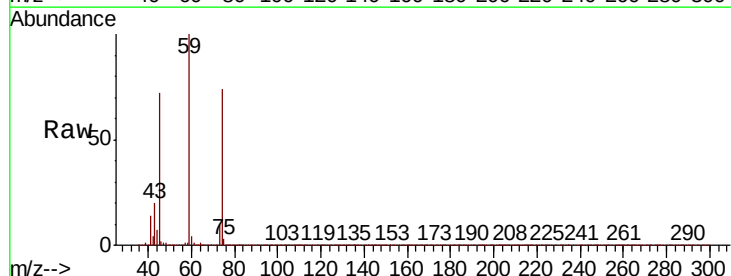
Tot Ion:101 Resp: 625408
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

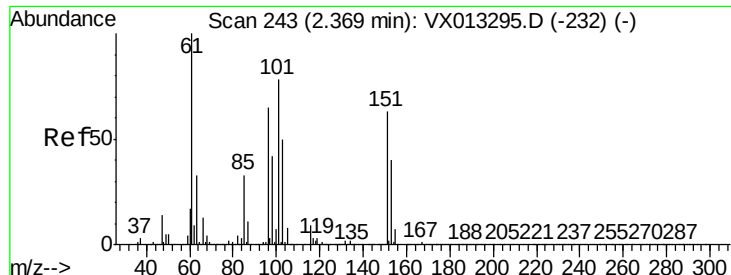


#8

Diethyl Ether
Concen: 49.276 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion: 74 Resp: 273884
Ion Ratio Lower Upper
74 100
45 96.3 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.374 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

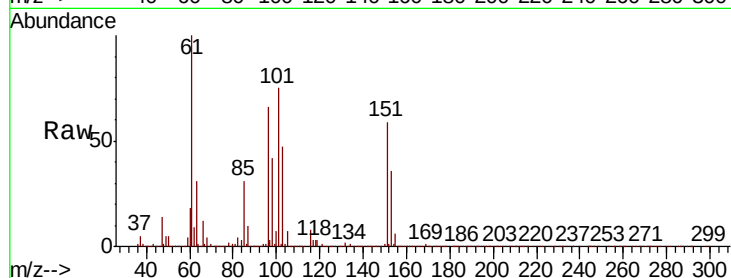
Tot Ion:101 Resp: 366906

Ion Ratio Lower Upper

101 100

85 41.7 34.4 51.6

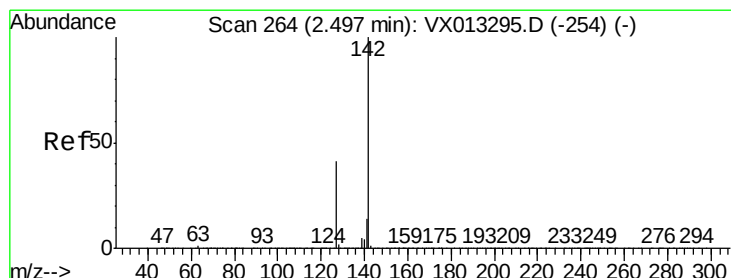
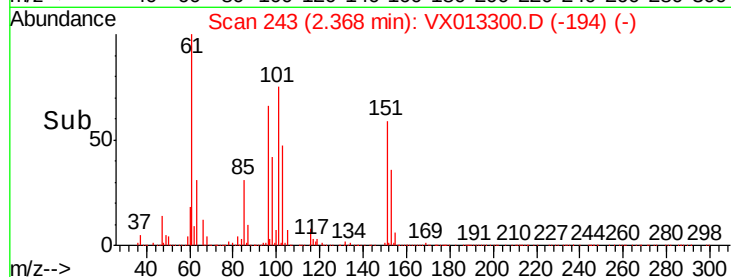
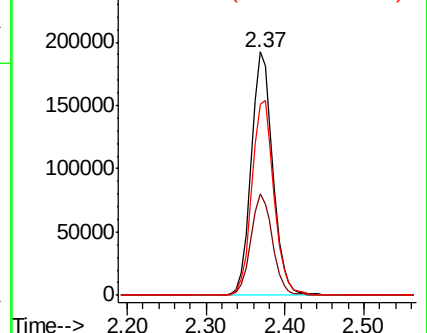
151 82.1 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.032 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

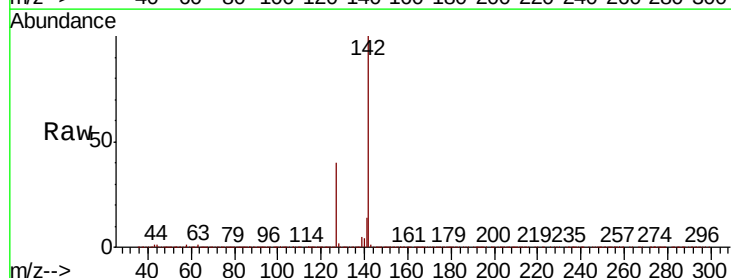
Tgt Ion:142 Resp: 442621

Ion Ratio Lower Upper

142 100

127 40.7 32.6 49.0

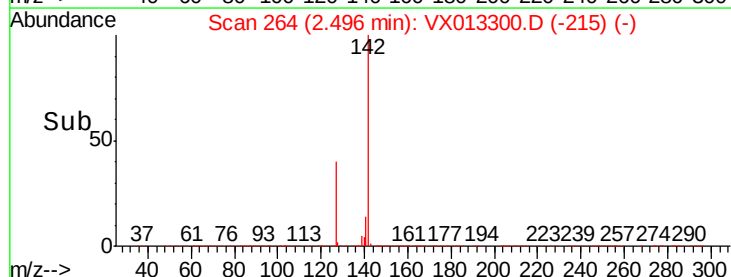
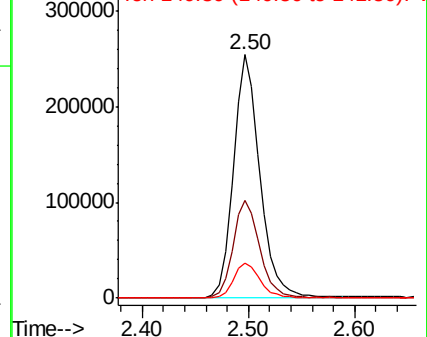
141 14.4 11.6 17.4

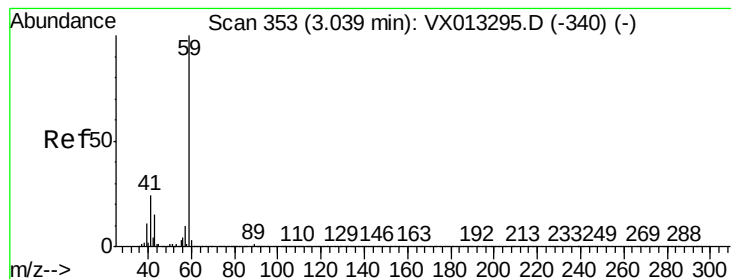


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



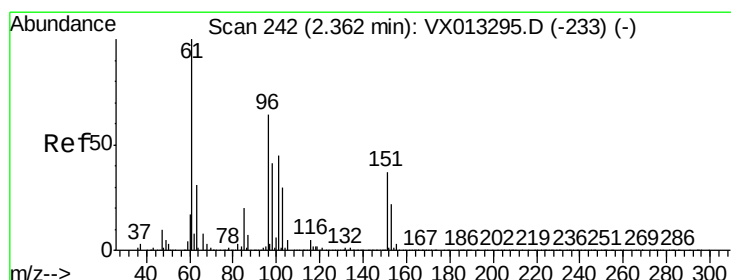
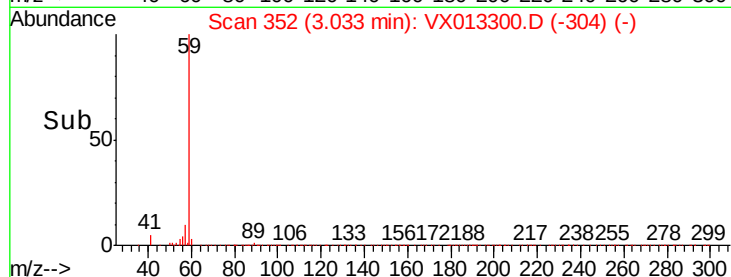
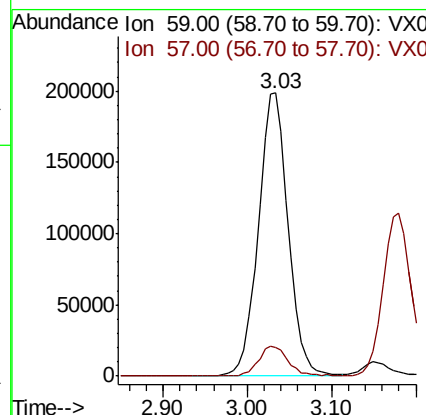
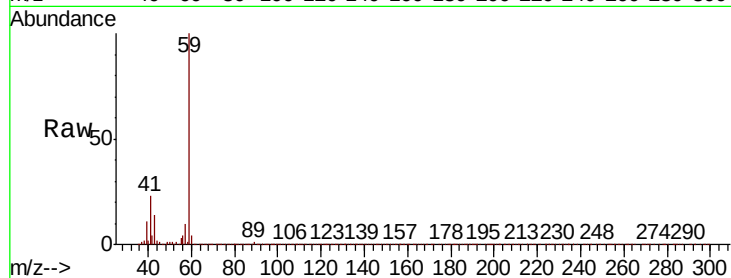


#11

Tert butyl alcohol
 Concen: 206.000 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

Instrument :
 MSVOA_X
 ClientSampleId :

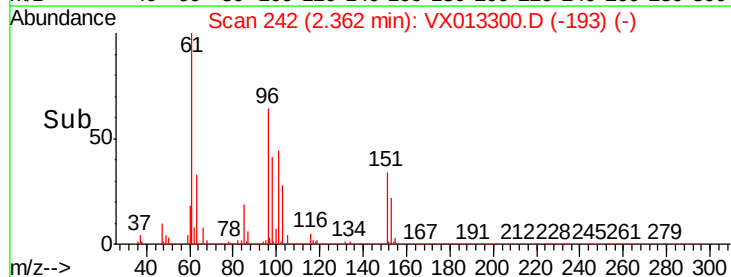
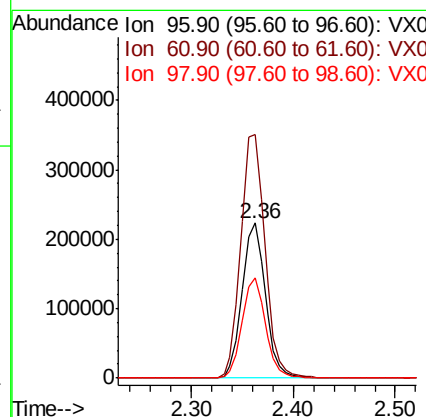
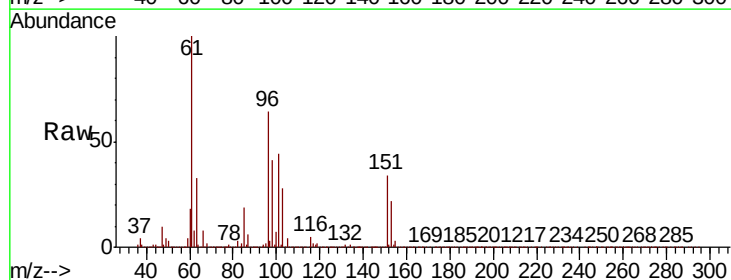
Tot Ion: 59 Resp: 481074
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.0 12.0

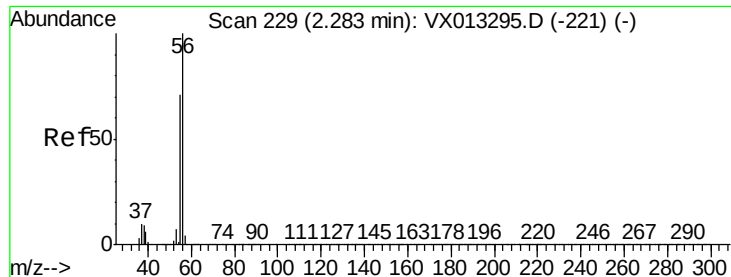


#12

1,1-Dichloroethene
 Concen: 51.448 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

Tgt Ion: 96 Resp: 352950
 Ion Ratio Lower Upper
 96 100
 61 156.8 125.0 187.6
 98 64.8 50.7 76.1





#13

Acrolein

Concen: 230.535 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

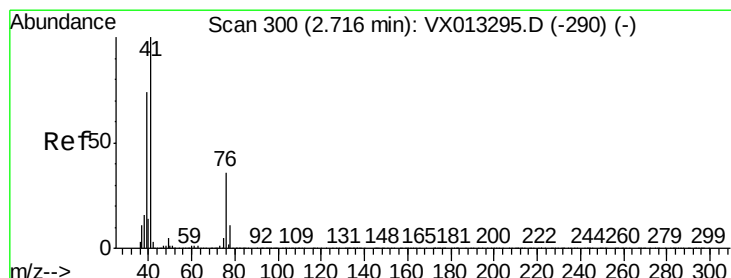
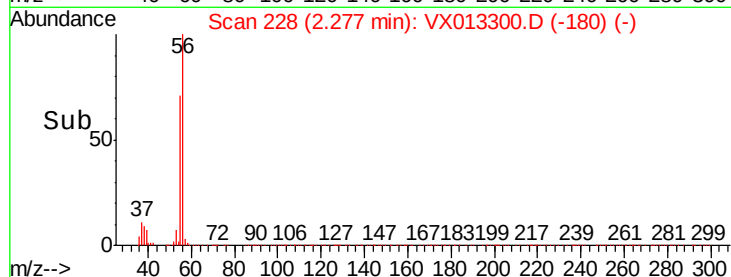
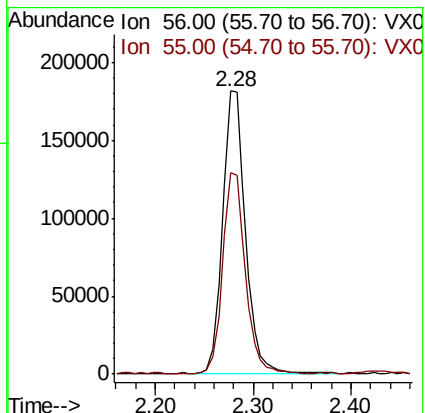
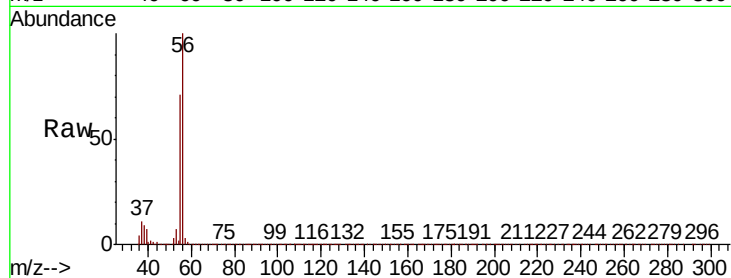
ClientSampleId :

Tot Ion: 56 Resp: 291782

Ion Ratio Lower Upper

56 100

55 70.4 57.4 86.0



#14

Allyl chloride

Concen: 51.309 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

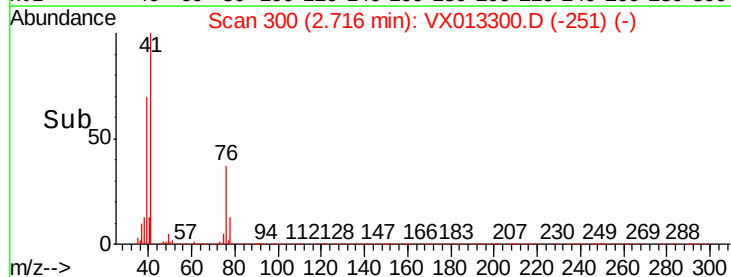
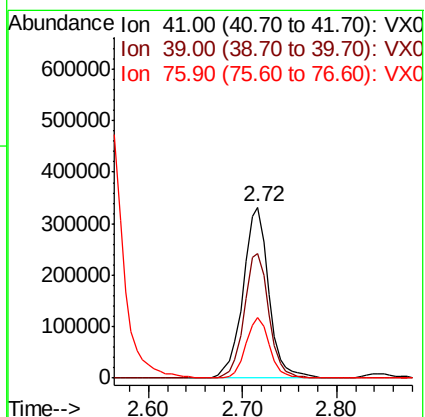
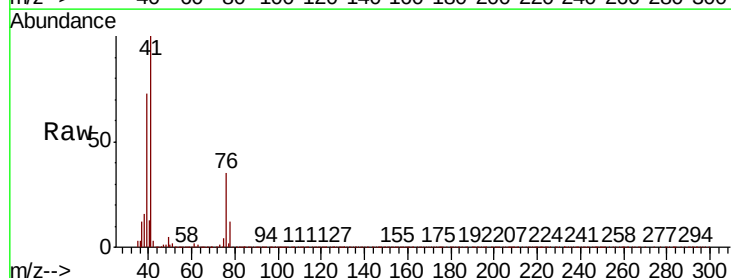
Tgt Ion: 41 Resp: 639557

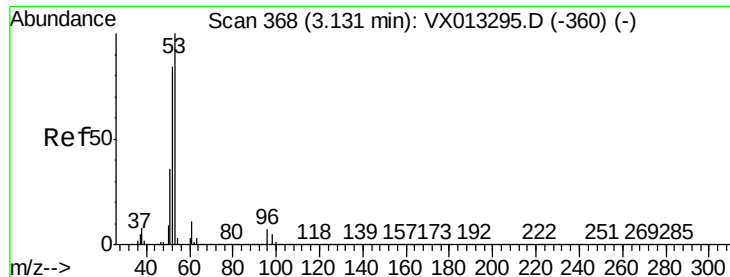
Ion Ratio Lower Upper

41 100

39 69.6 55.8 83.8

76 32.2 26.4 39.6





#15

Acrylonitrile

Concen: 241.083 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

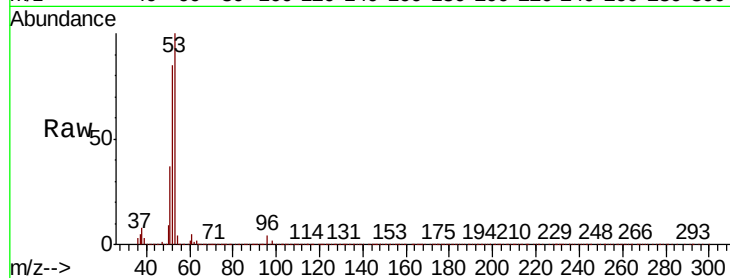
Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 1051667

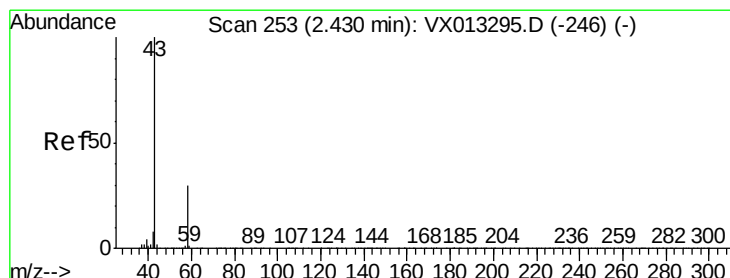
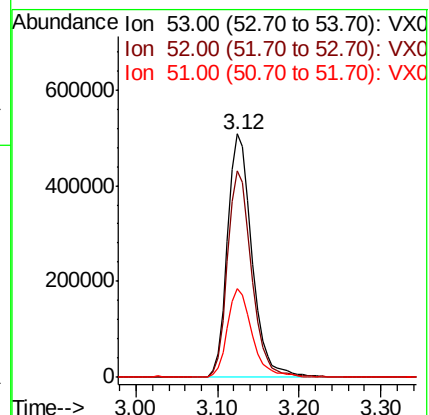
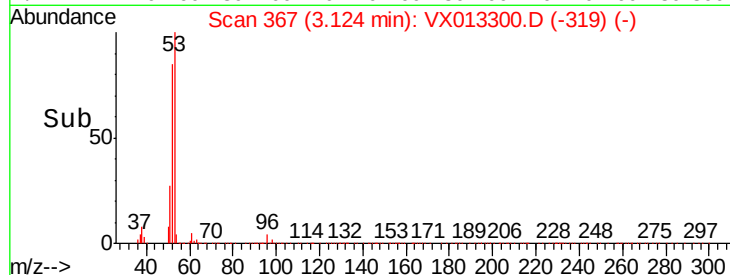
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.4	101.0
51	36.5	29.4	44.2



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: 264.943 ug/l

RT: 2.43 min Scan# 253

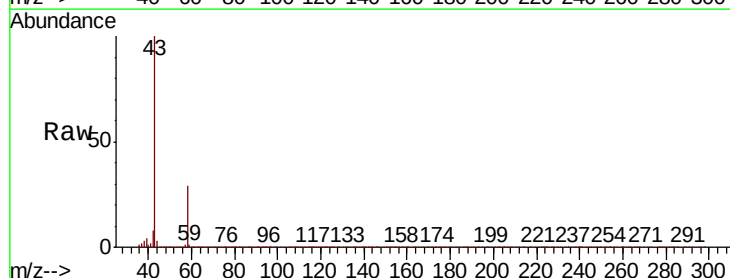
Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

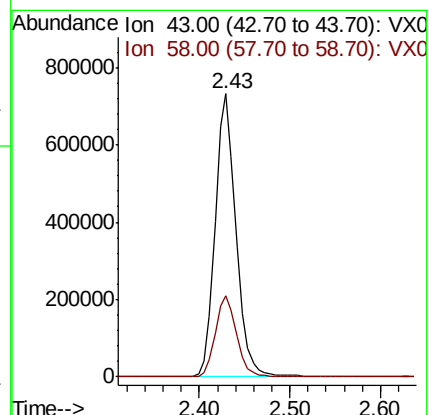
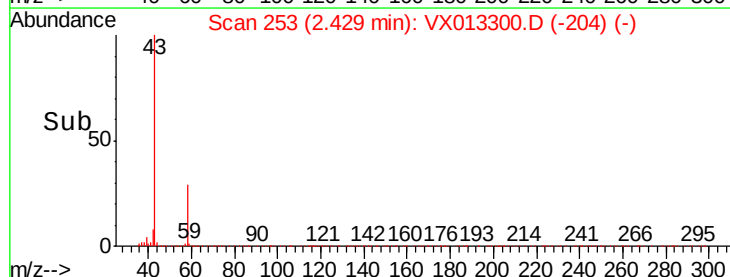
Tgt Ion: 43 Resp: 1170890

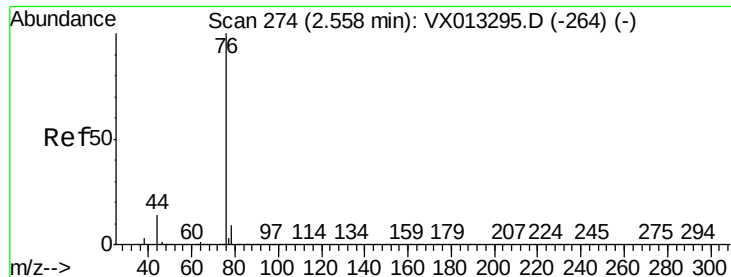
Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 52.774 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

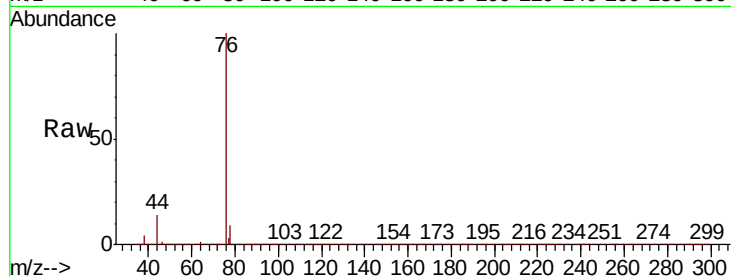
ClientSampleId :

Tot Ion: 76 Resp: 969038

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

2.56

600000

500000

400000

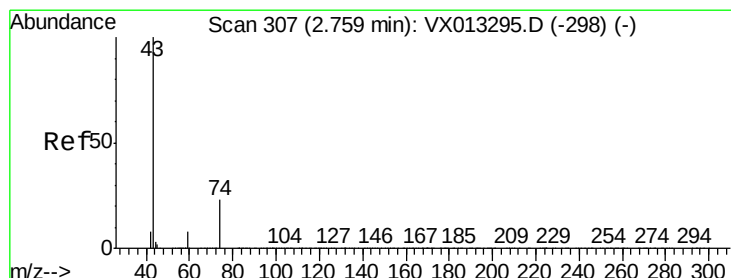
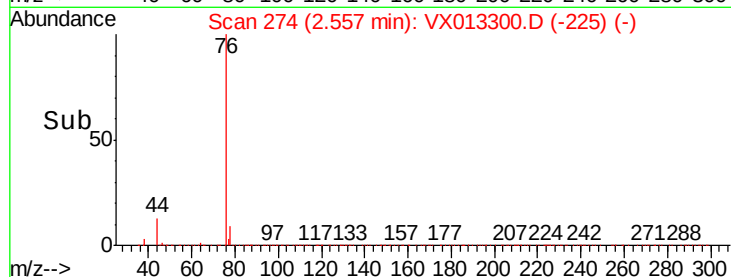
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 47.698 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013300.D

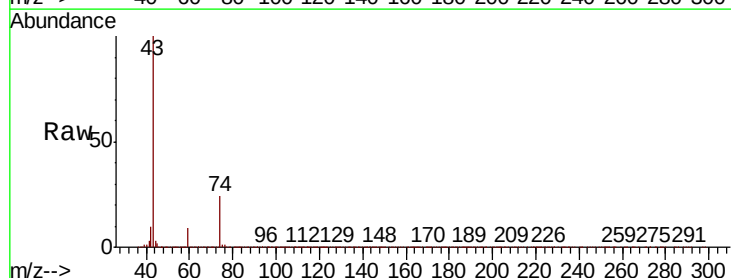
Acq: 01 Nov 2019 09:53

Tgt Ion: 43 Resp: 581957

Ion Ratio Lower Upper

43 100

74 23.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

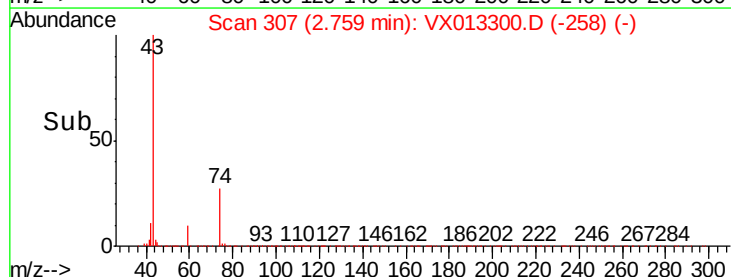
300000

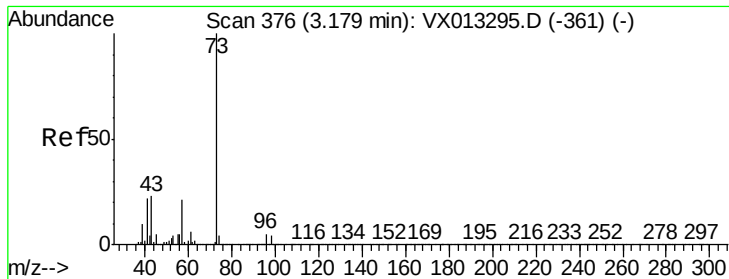
200000

100000

0

Time-->

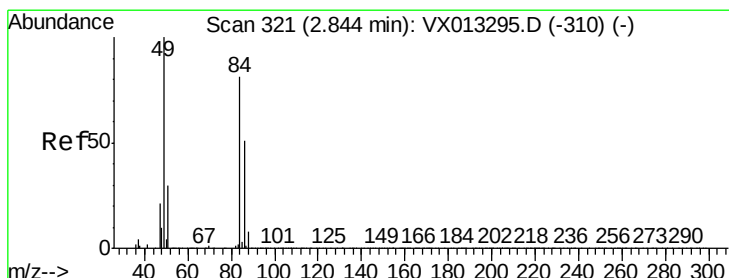
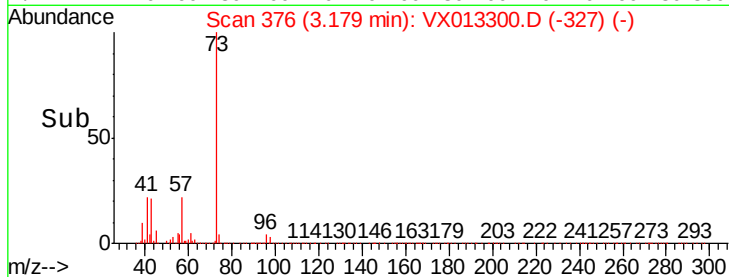
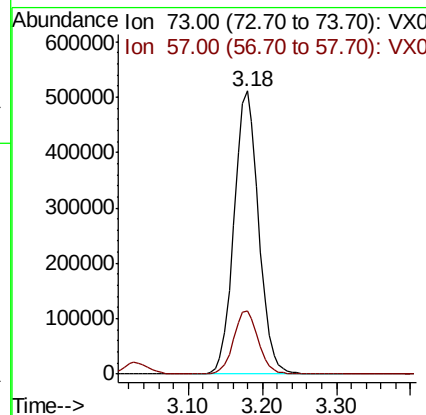
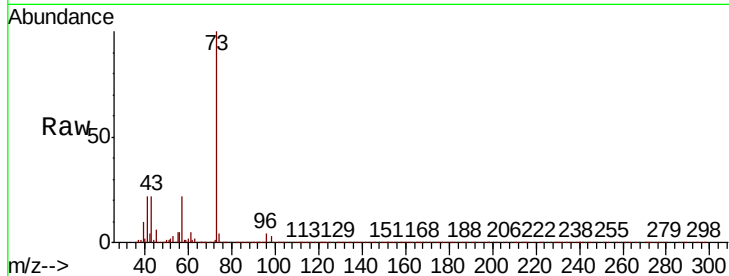




#19
Methyl tert-butyl Ether
Concen: 51.637 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

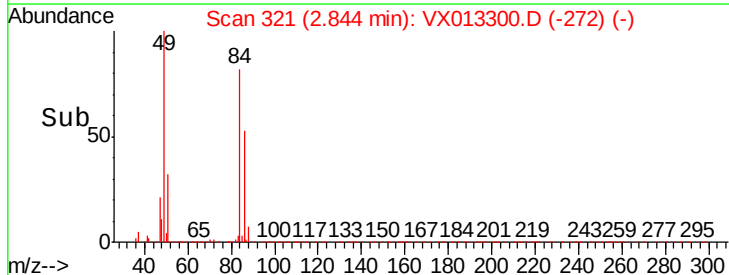
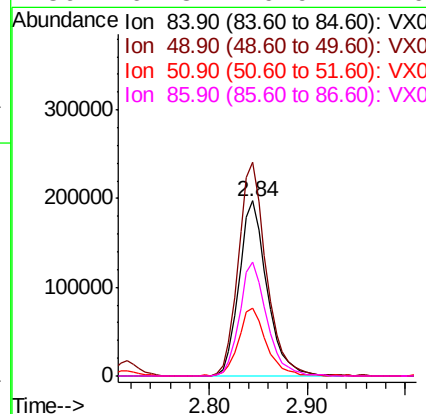
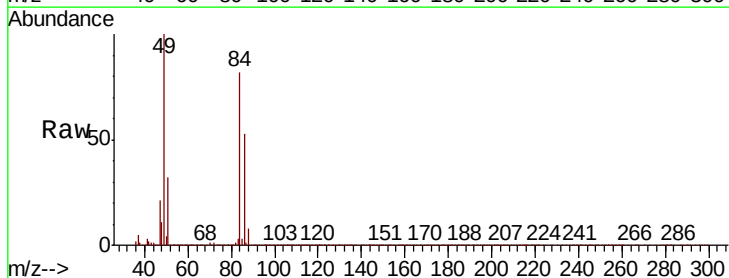
Instrument :
MSVOA_X
ClientSampled :

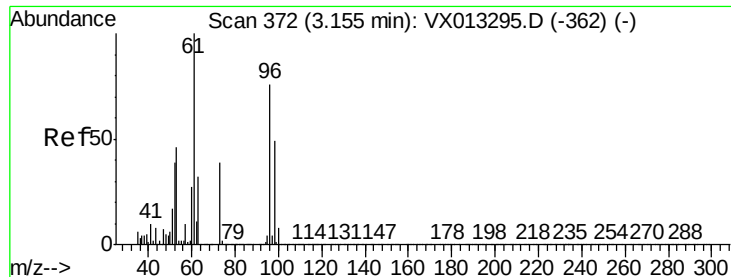
Tot Ion: 73 Resp: 1181515
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7



#20
Methylene Chloride
Concen: 47.661 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion: 84 Resp: 389169
Ion Ratio Lower Upper
84 100
49 122.1 98.2 147.4
51 38.8 29.9 44.9
86 64.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.611 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

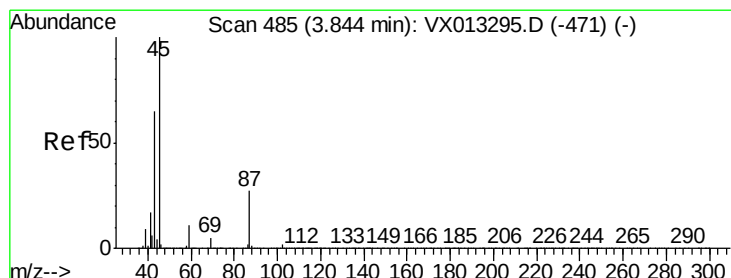
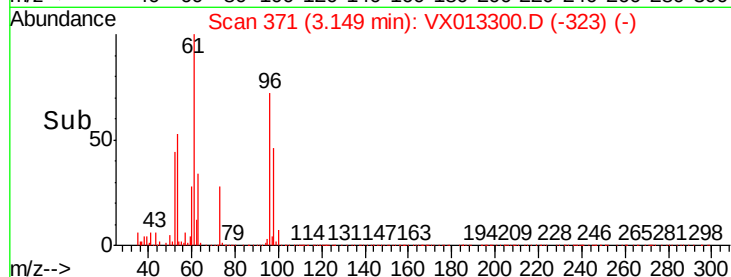
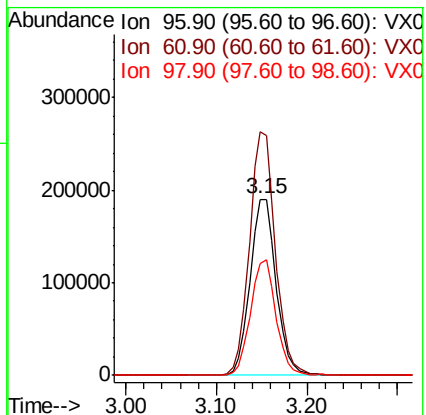
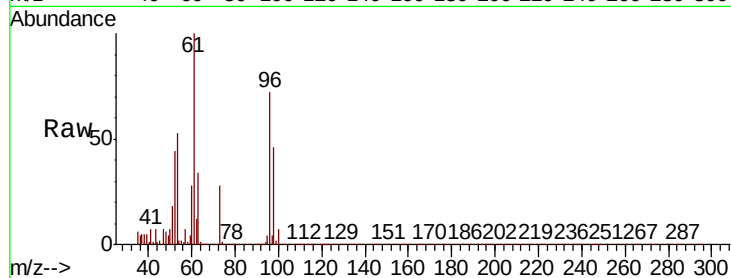
Tot Ion: 96 Resp: 378044

Ion Ratio Lower Upper

96 100

61 138.0 105.8 158.6

98 63.2 51.8 77.6



#22

Diisopropyl ether

Concen: 52.249 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Tgt Ion: 45 Resp: 1257362

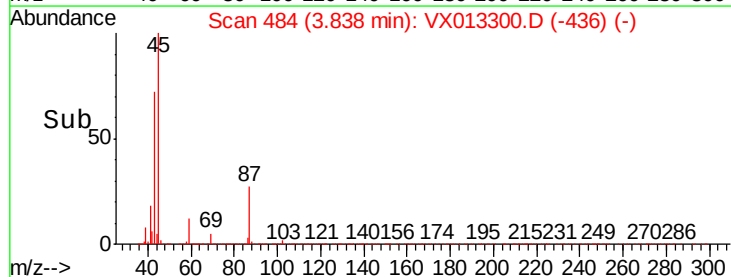
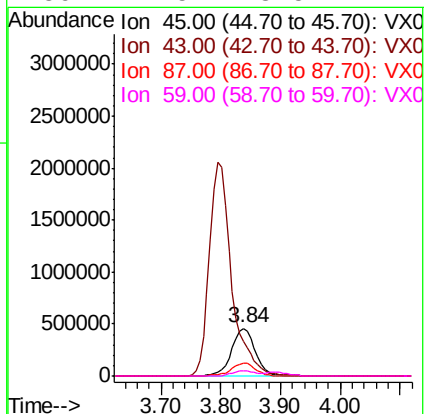
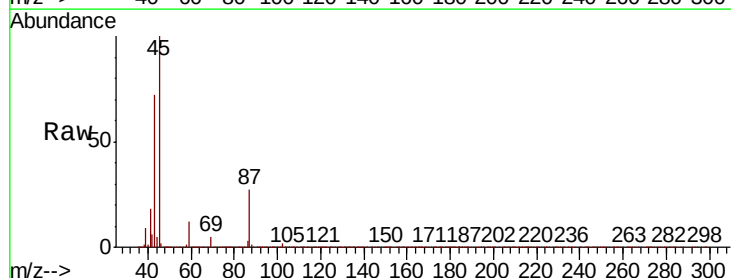
Ion Ratio Lower Upper

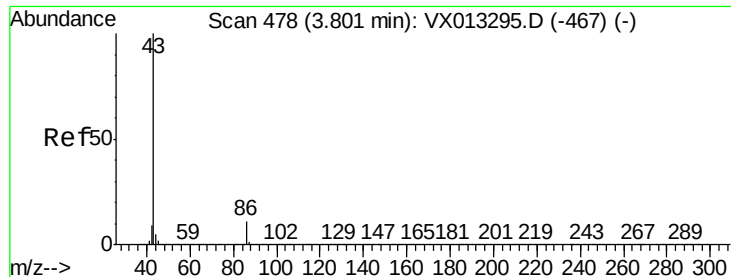
45 100

43 71.9 54.2 81.2

87 27.4 21.8 32.8

59 11.5 8.5 12.7





#23

Vinyl Acetate

Concen: 258.341 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

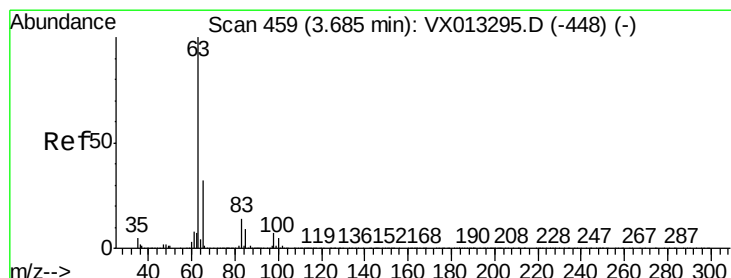
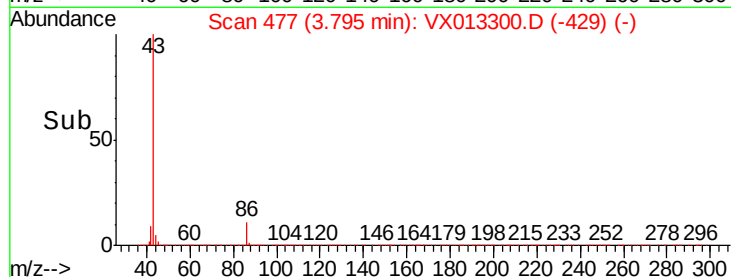
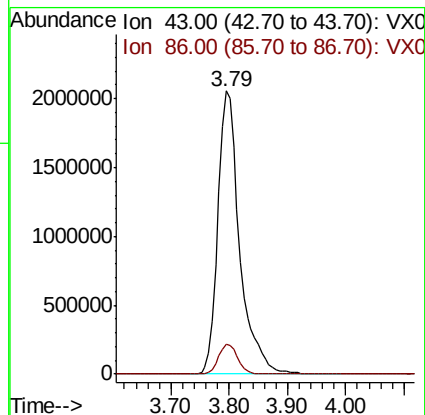
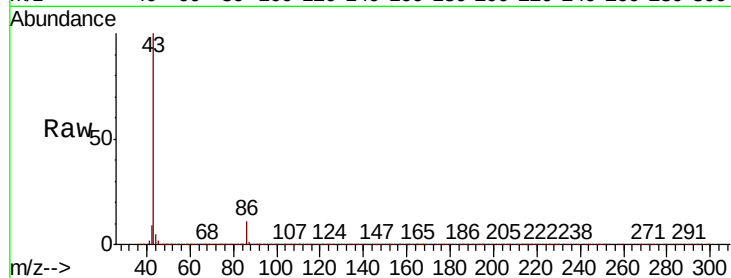
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 5319804

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 50.301 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

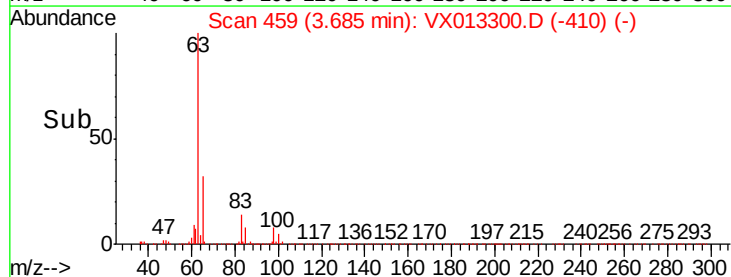
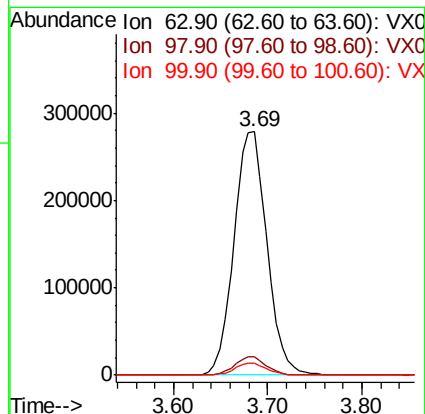
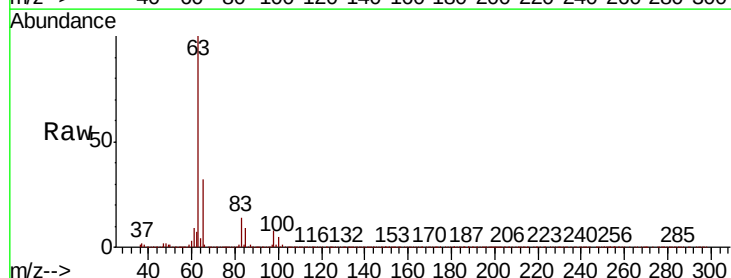
Tgt Ion: 63 Resp: 677154

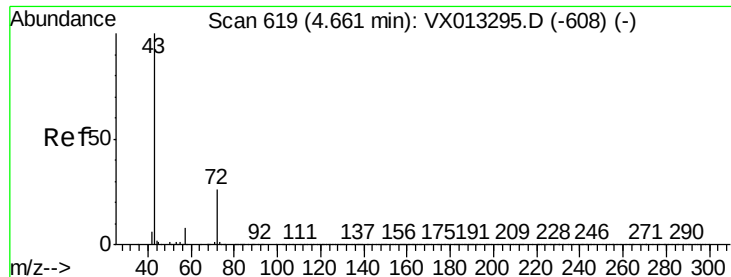
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 250.068 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

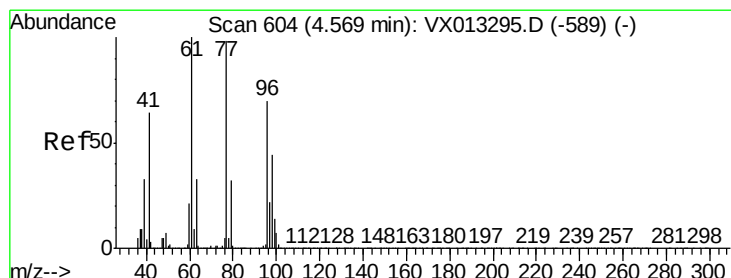
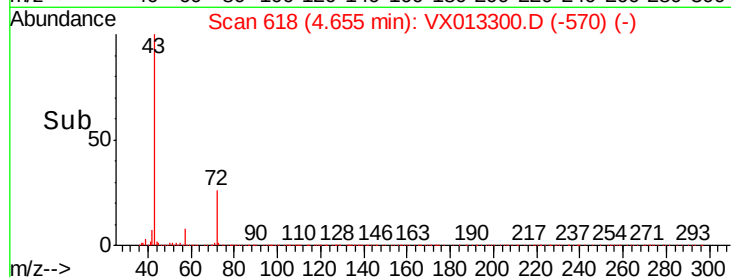
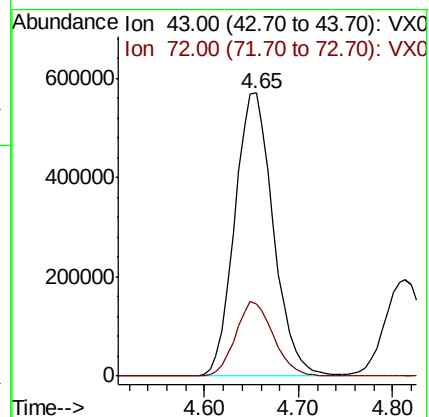
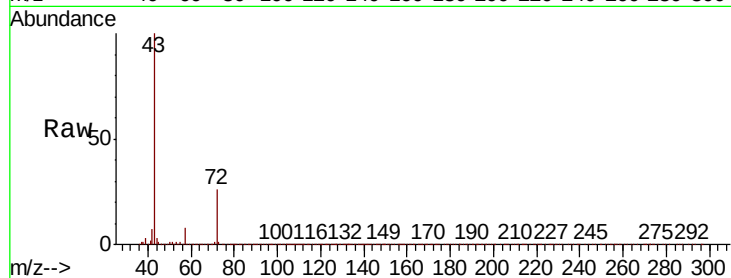
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1621271

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 54.152 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013300.D

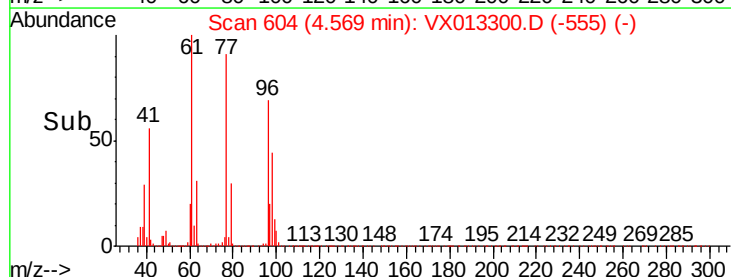
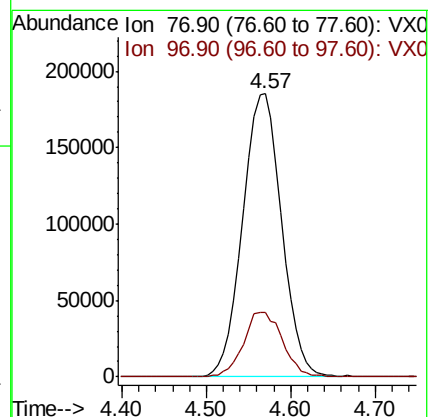
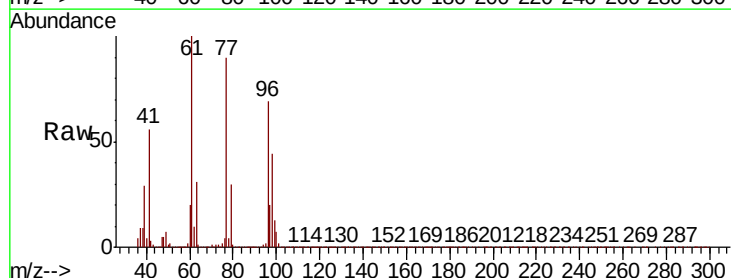
Acq: 01 Nov 2019 09:53

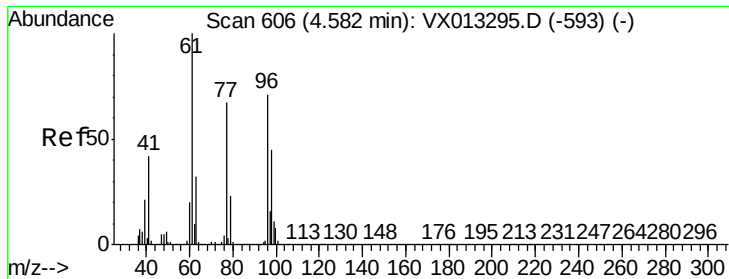
Tgt Ion: 77 Resp: 579938

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8



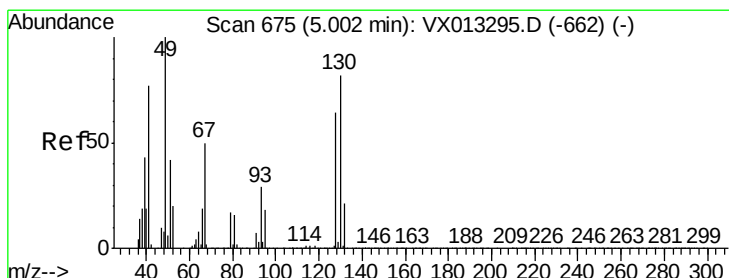
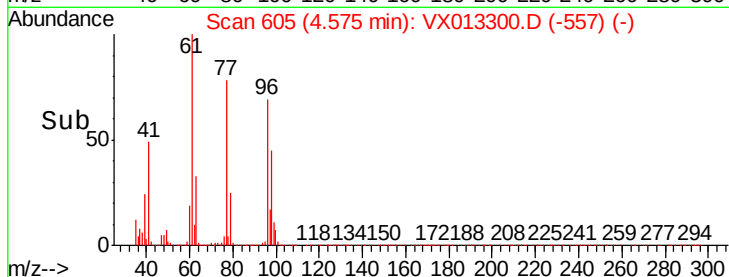
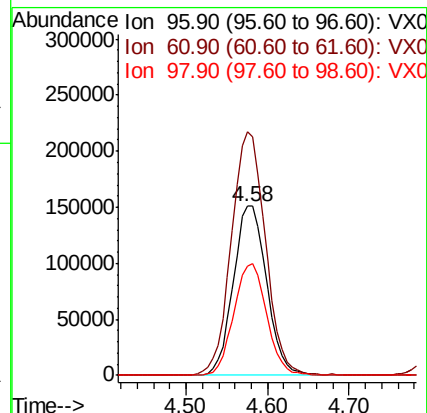
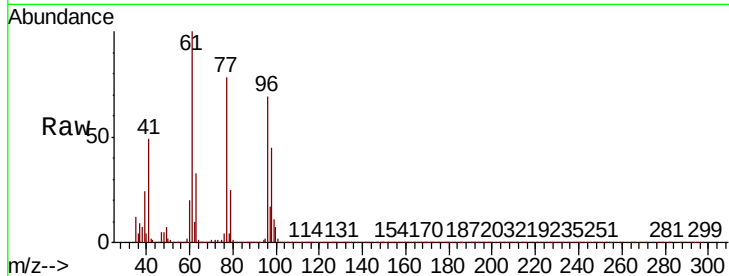


#27

cis-1,2-Dichloroethene
Concen: 50.932 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Instrument :
MSVOA_X
ClientSampled :

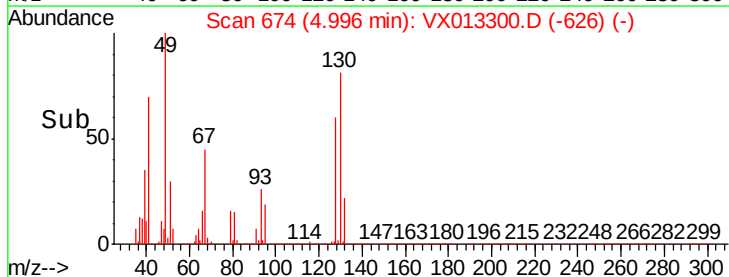
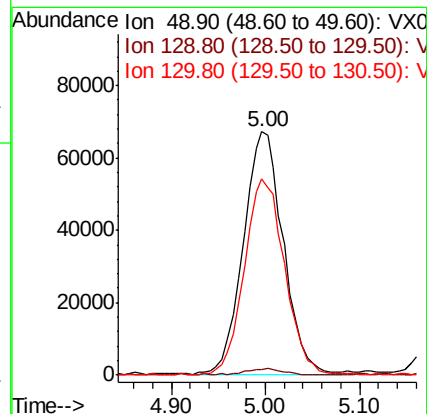
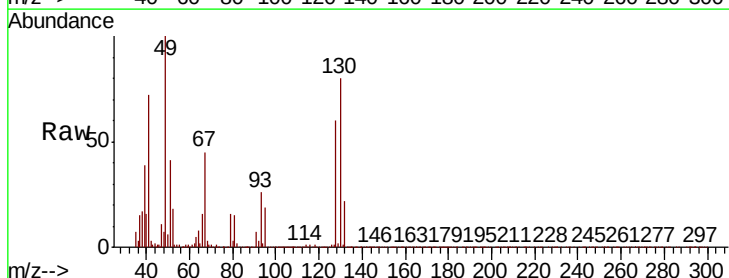
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	288.0
98	65.1	0.0	129.6

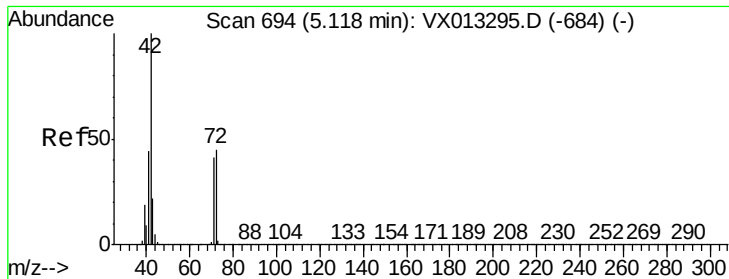


#28

Bromochloromethane
Concen: 51.639 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	82.1	63.8	95.6

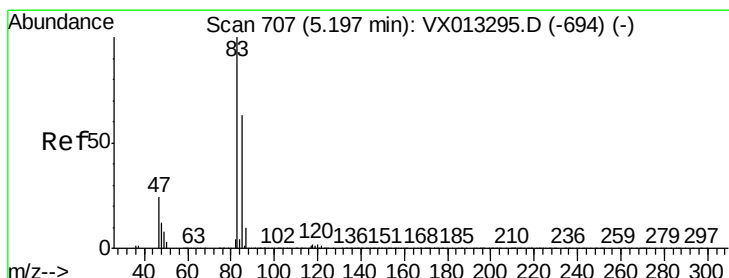
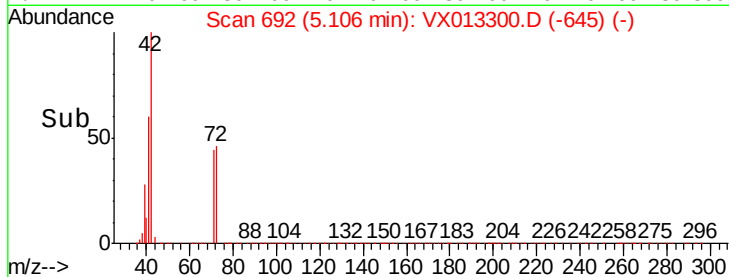
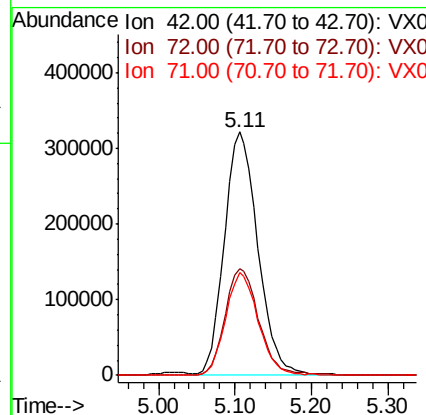
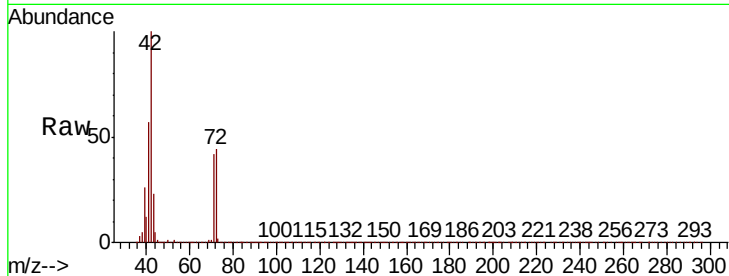




#29
Tetrahydrofuran
Concen: 242.402 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

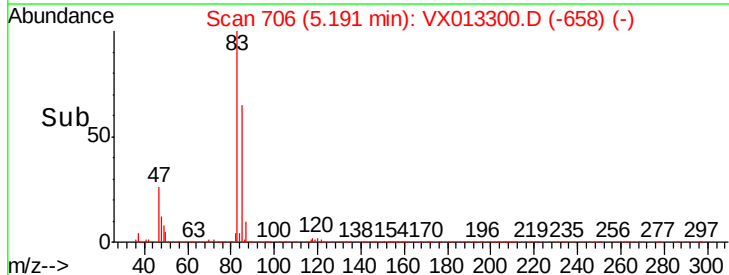
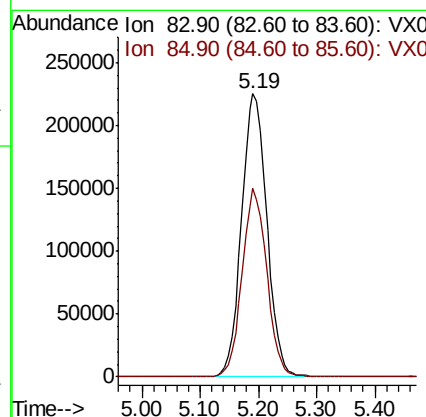
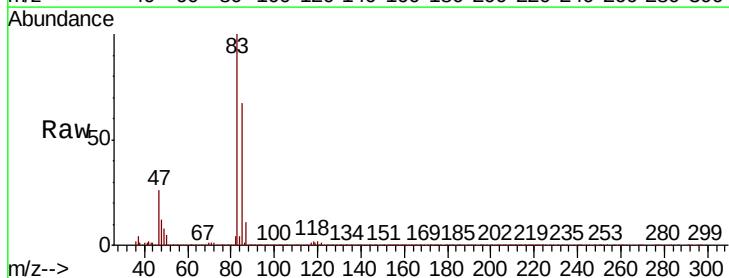
Instrument :
MSVOA_X
ClientSampleId :

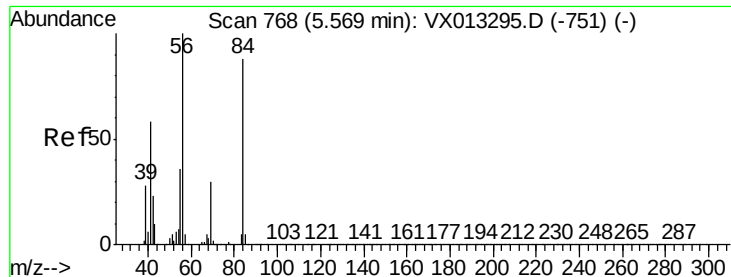
Tot Ion: 42 Resp: 968466
Ion Ratio Lower Upper
42 100
72 44.5 35.8 53.8
71 41.2 33.4 50.0



#30
Chloroform
Concen: 50.930 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion: 83 Resp: 677015
Ion Ratio Lower Upper
83 100
85 66.6 50.2 75.4

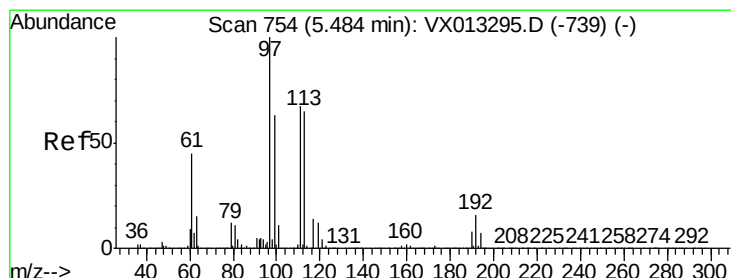
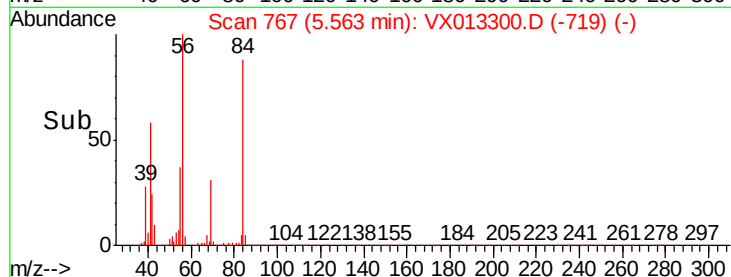
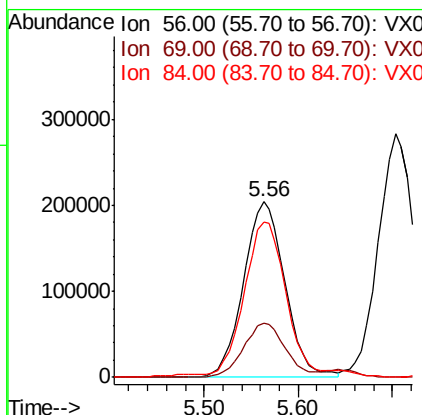
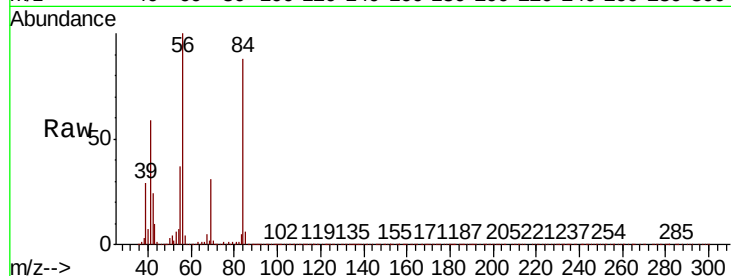




#31
Cyclohexane
Concen: 51.739 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

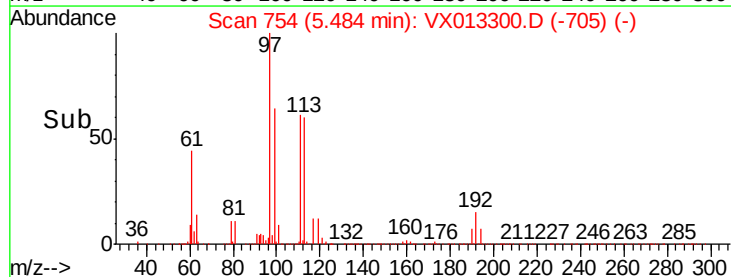
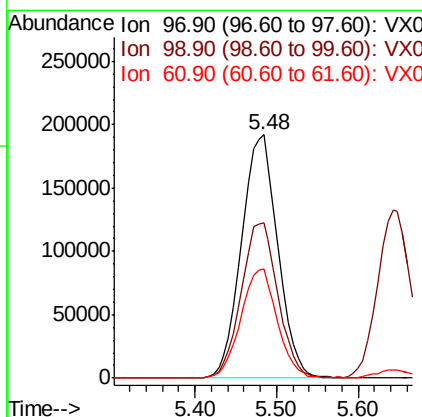
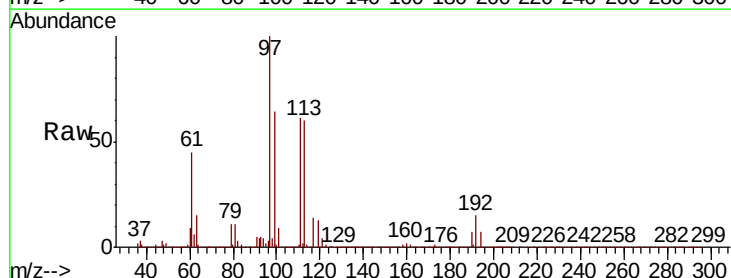
Instrument :
MSVOA_X
ClientSampleId :

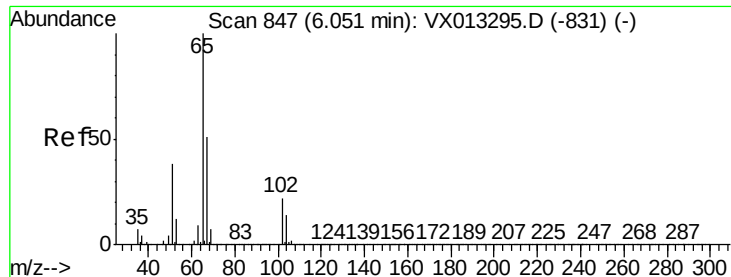
Tot Ion: 56 Resp: 626747
Ion Ratio Lower Upper
56 100
69 31.1 23.7 35.5
84 86.8 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 51.784 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion: 97 Resp: 592402
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 44.7 36.5 54.7

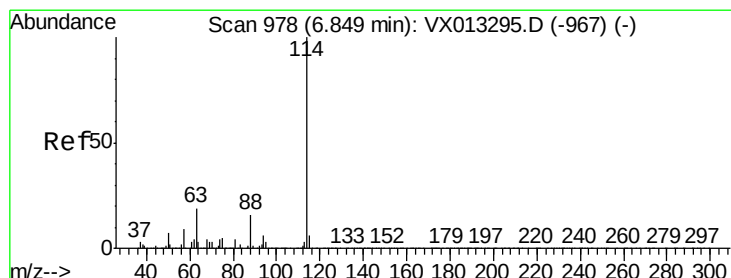
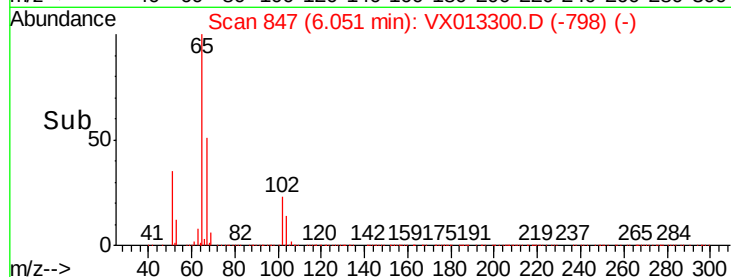
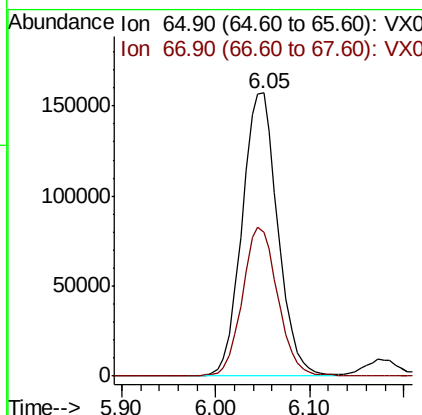
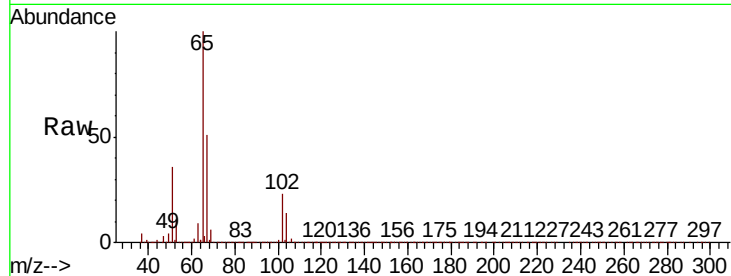




#33
 1,2-Dichloroethane-d4
 Concen: 47.028 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

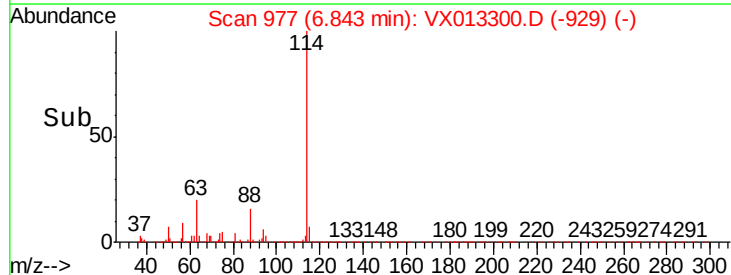
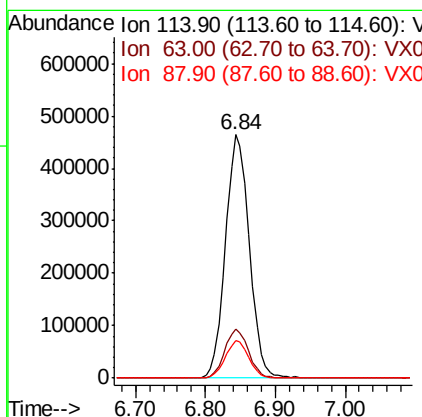
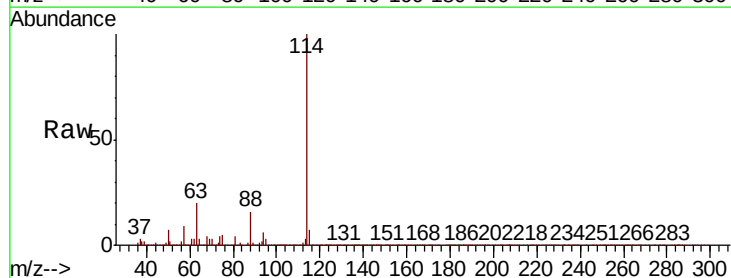
Instrument :
 MSVOA_X
 ClientSampleId :

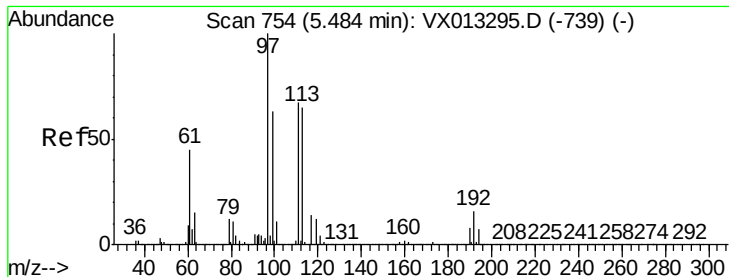
Tot Ion: 65 Resp: 416685
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

Tgt Ion: 114 Resp: 1098806
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.4
 88 15.6 0.0 32.2

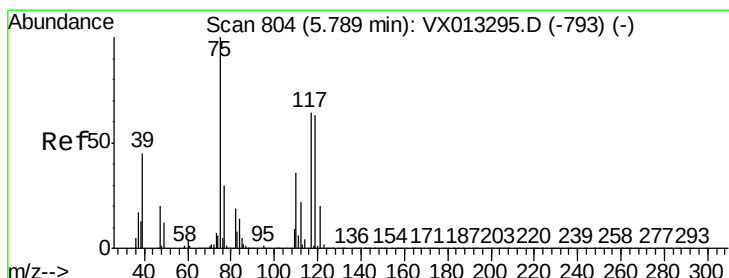
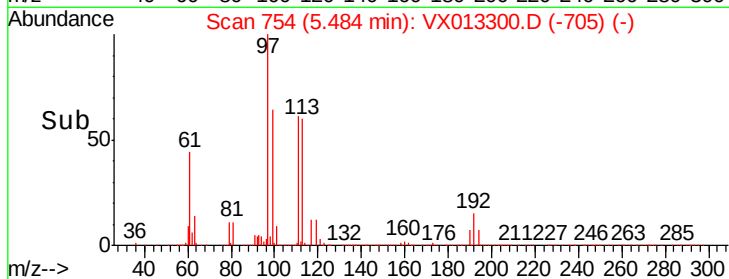
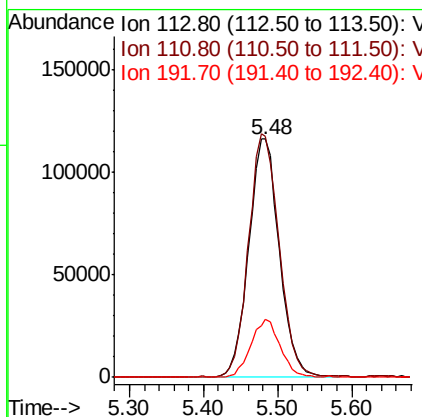
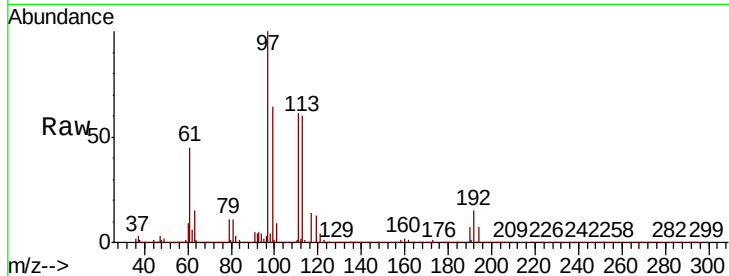




#35
 Dibromofluoromethane
 Concen: 48.450 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

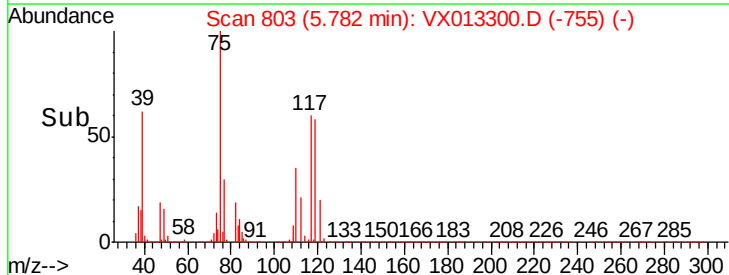
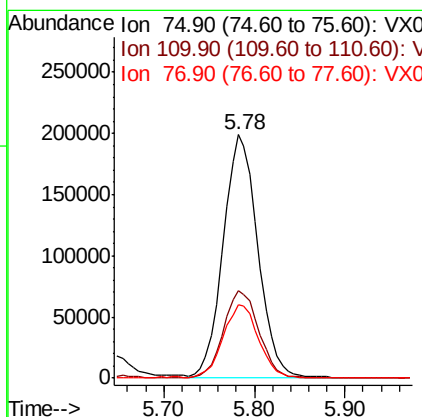
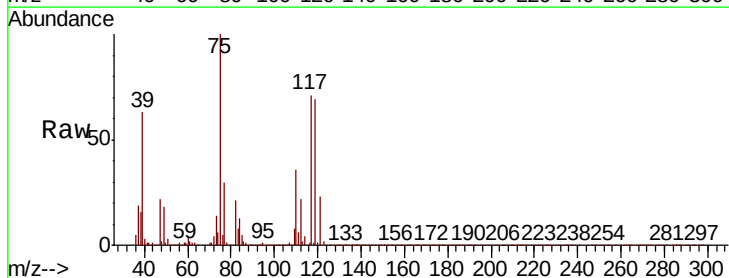
Instrument :
 MSVOA_X
 ClientSampleId :

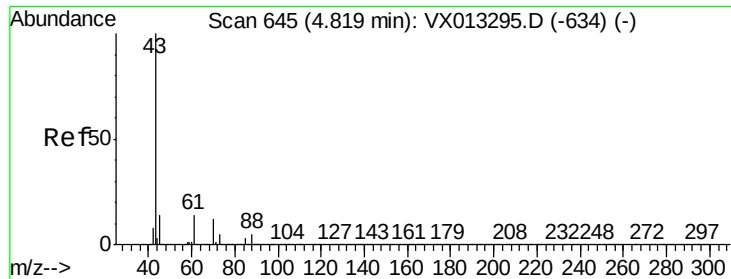
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	23.3	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 55.706 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	30.6	25.0	37.4

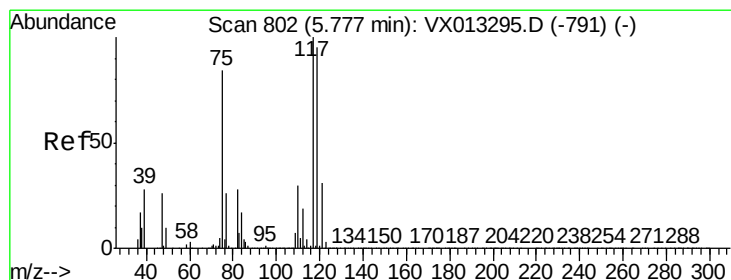
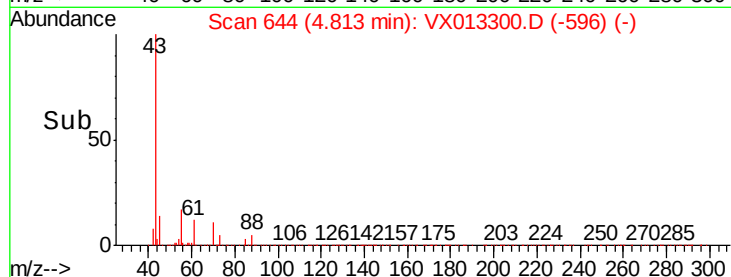
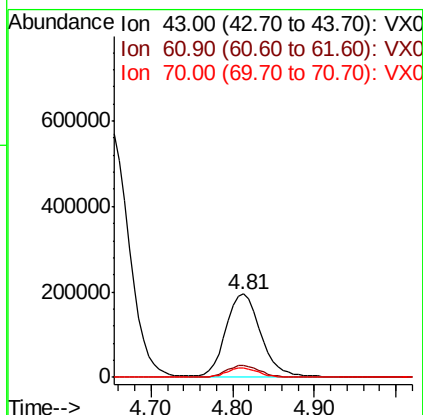
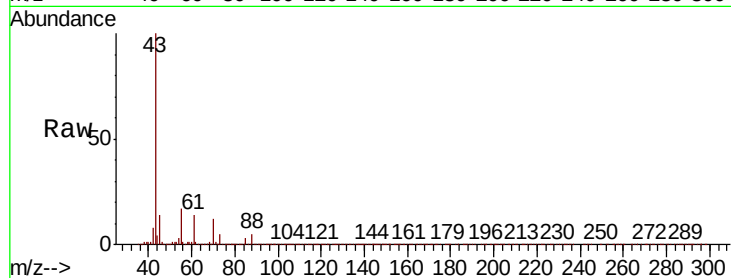




#37
Ethyl Acetate
Concen: 49.511 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

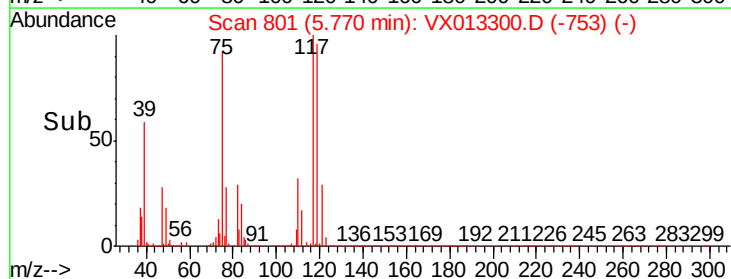
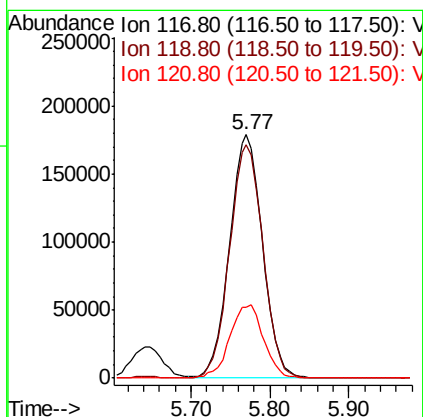
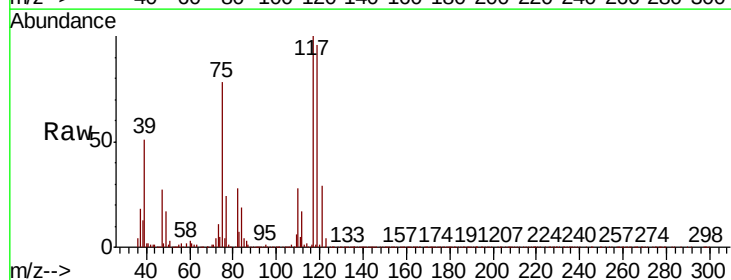
Instrument :
MSVOA_X
ClientSampled :

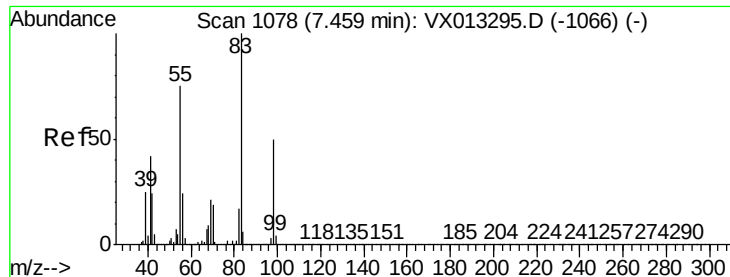
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.4	8.7	13.1



#38
Carbon Tetrachloride
Concen: 56.036 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.1	114.1
121	29.2	24.6	37.0

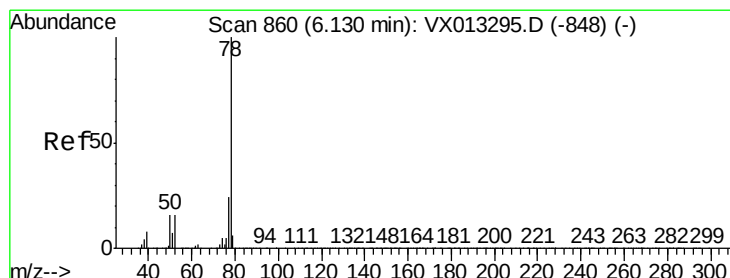
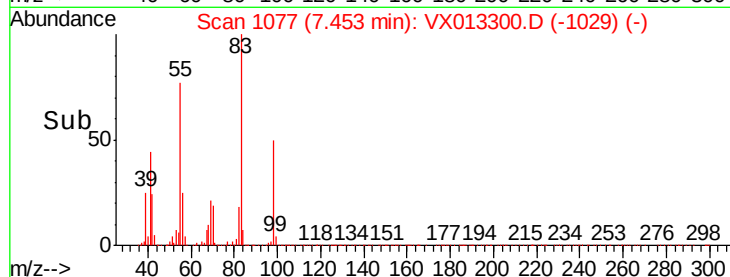
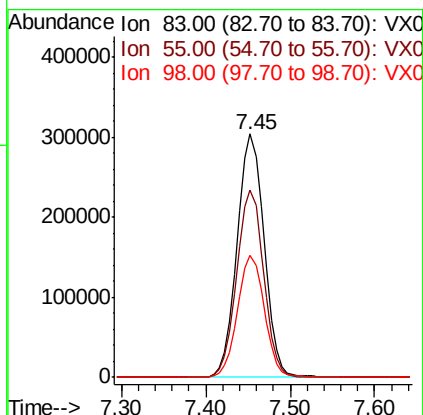
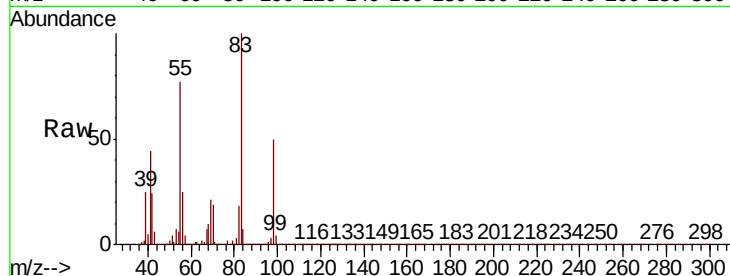




#39
Methylvlcyclohexane
Concen: 55.735 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

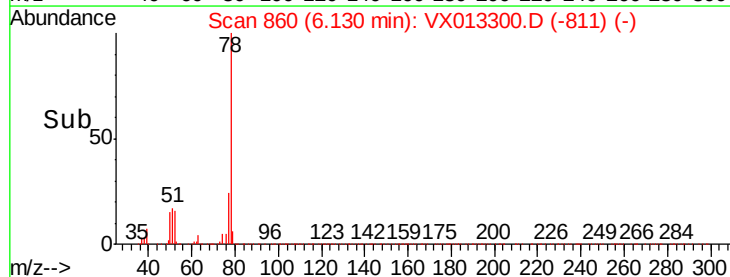
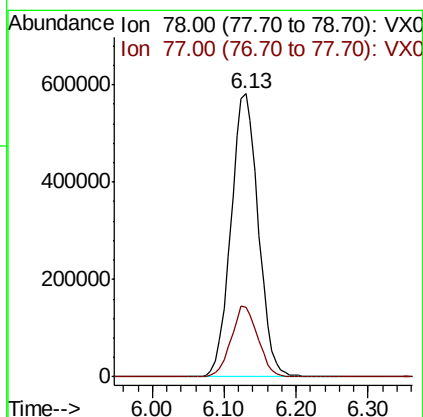
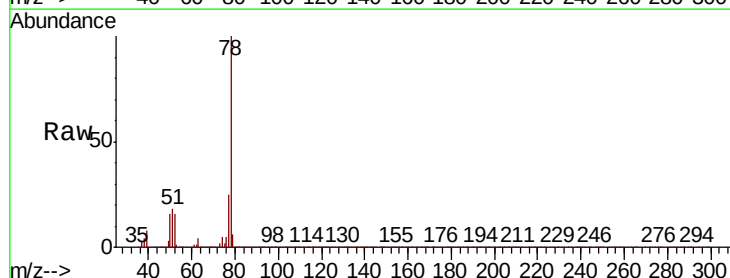
Instrument :
MSVOA_X
ClientSampleId :

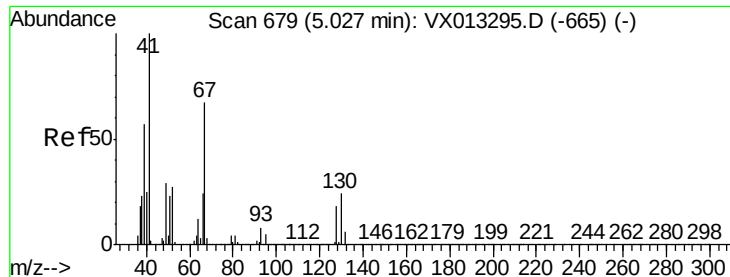
Tot Ion	83	Resp	654635
Ion	Ratio	Lower	Upper
83	100		
55	77.1	60.3	90.5
98	50.2	40.3	60.5



#40
Benzene
Concen: 52.205 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion	78	Resp	1532905
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.5	29.3

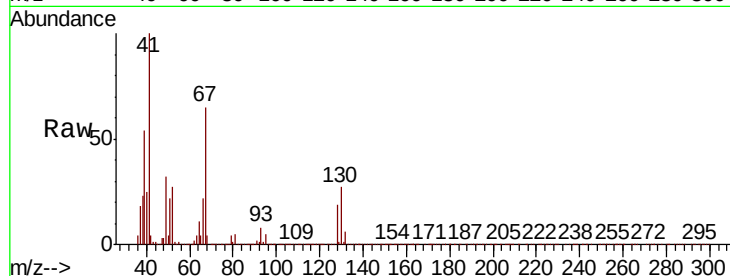




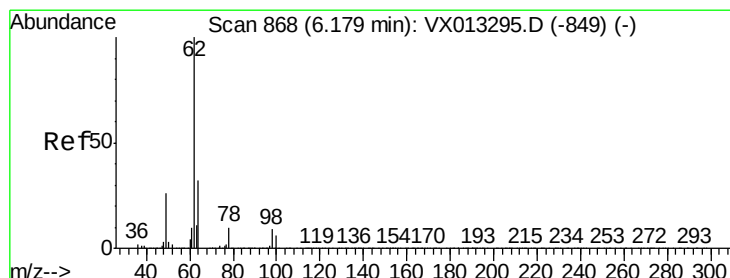
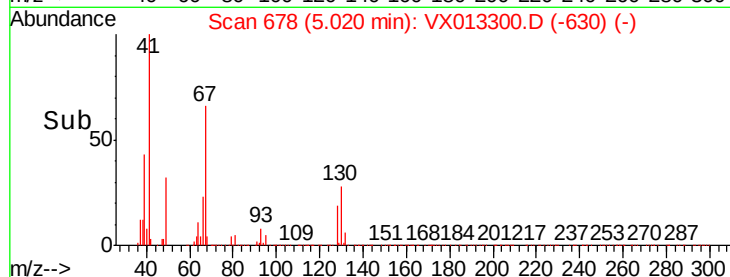
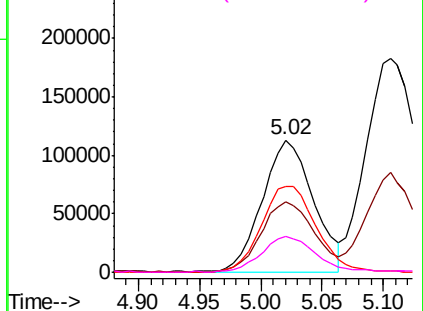
#41
Methacrylonitrile
Concen: 50.219 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	327862
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.0	67.6
67	70.4	55.4	83.2
52	28.4	23.1	34.7

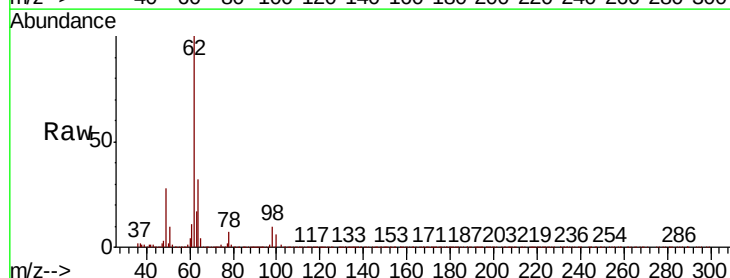


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

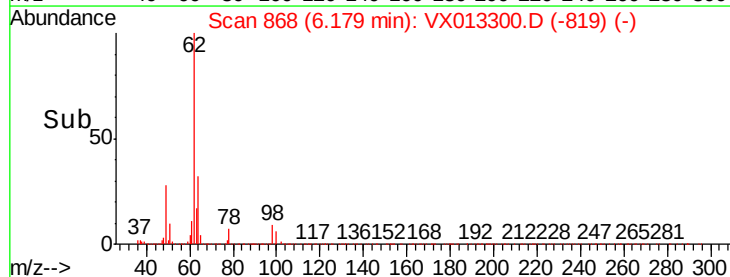
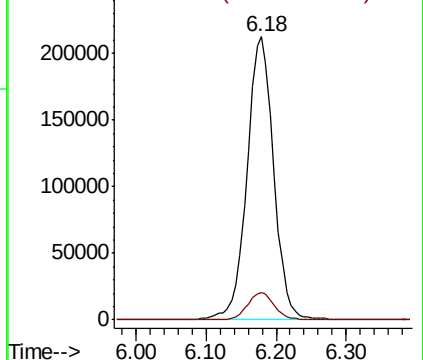


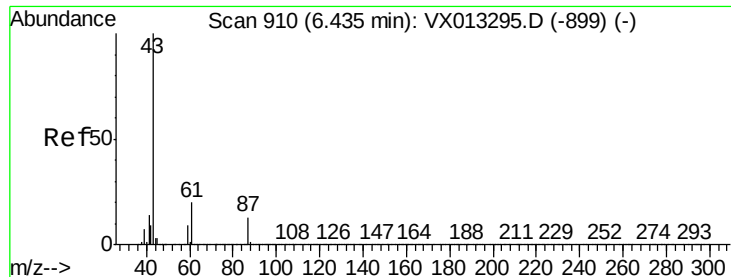
#42
1,2-Dichloroethane
Concen: 52.676 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion:	62	Resp:	557912
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 52.916 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

ClientSampled :

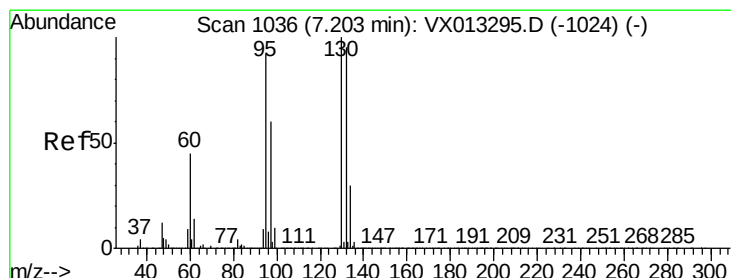
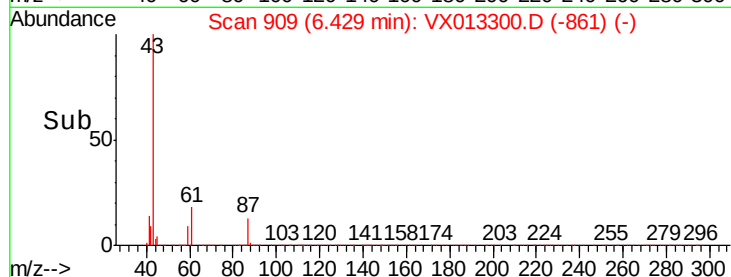
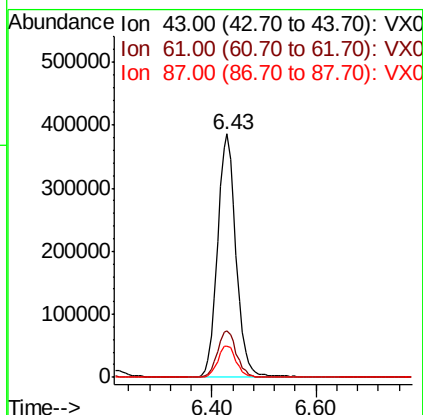
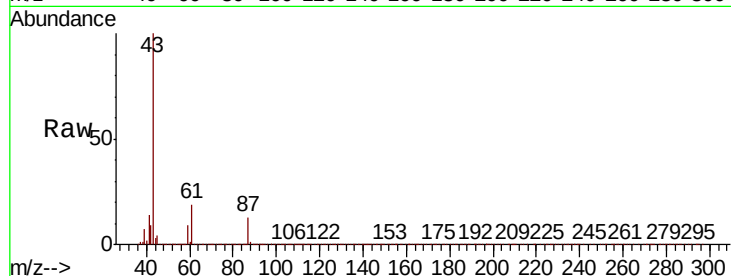
Tot Ion: 43 Resp: 959777

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.8

87 13.1 10.4 15.6



#44

Trichloroethene

Concen: 52.530 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013300.D

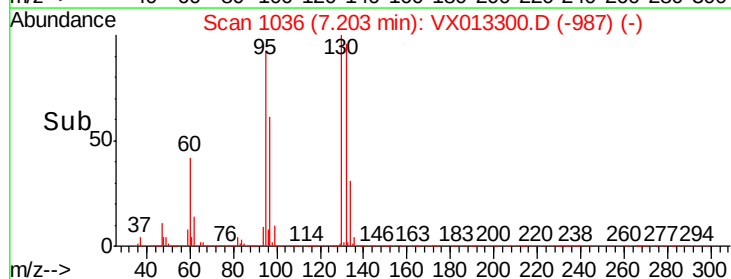
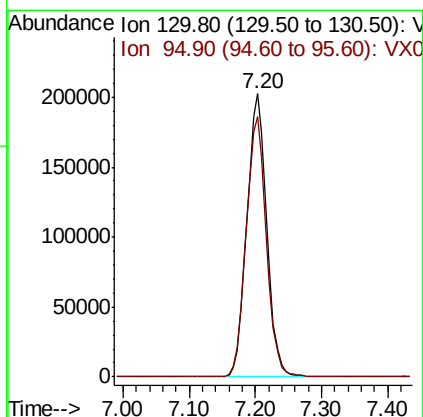
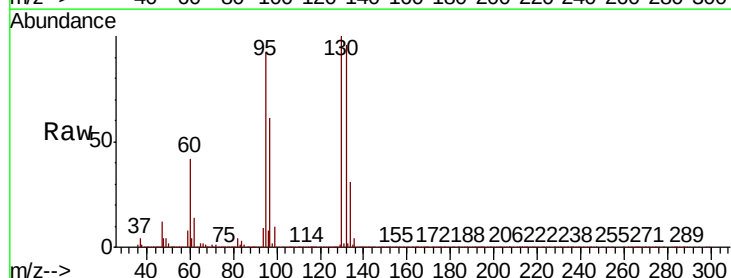
Acq: 01 Nov 2019 09:53

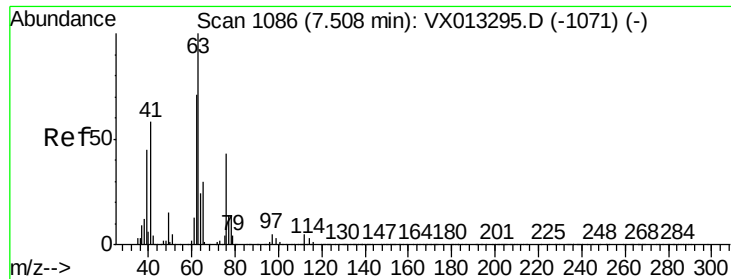
Tgt Ion: 130 Resp: 424581

Ion Ratio Lower Upper

130 100

95 91.9 0.0 184.8

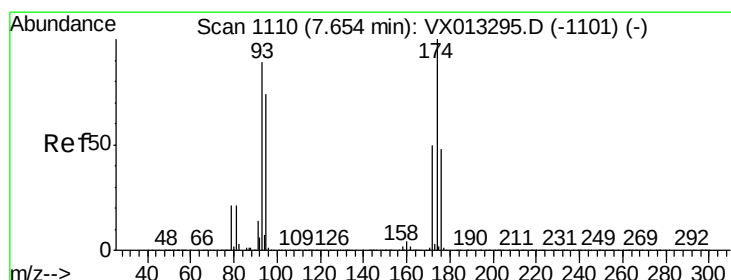
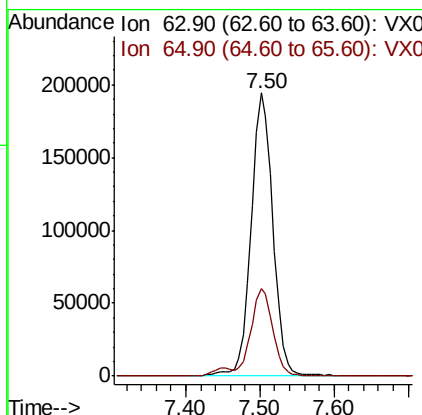
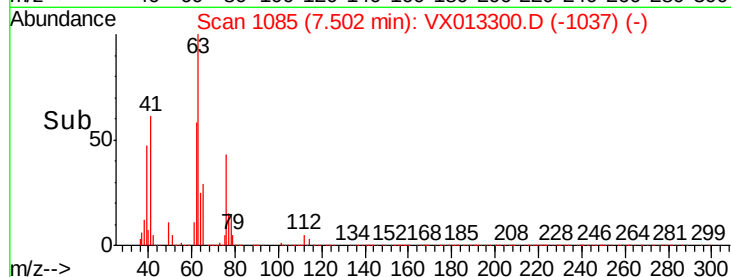
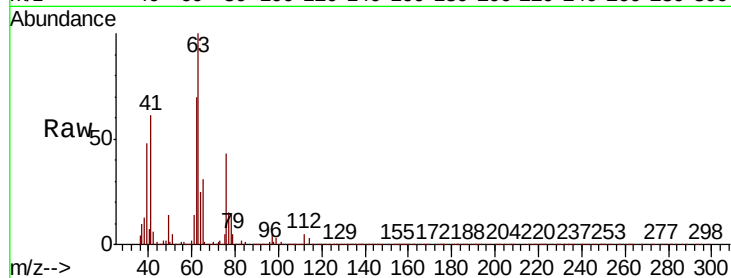




#45
 1,2-Dichloropropane
 Concen: 52.922 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

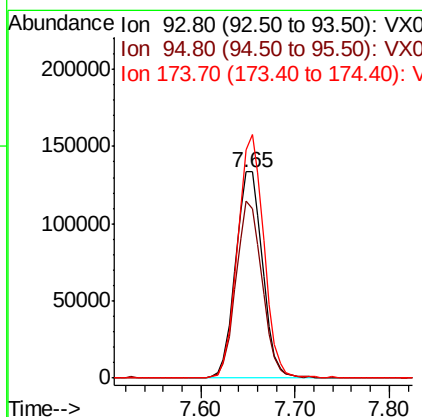
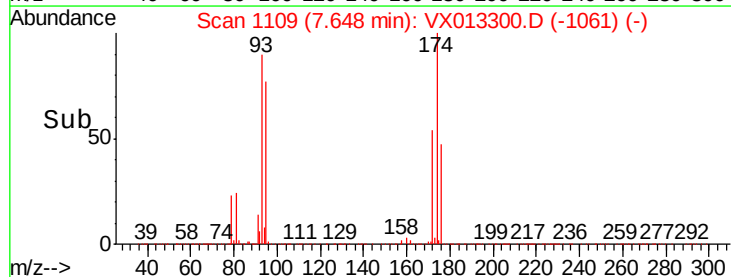
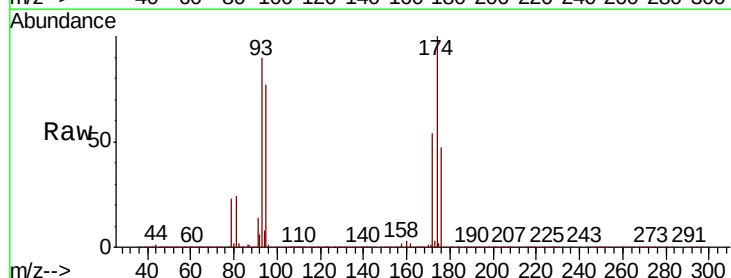
Instrument :
 MSVOA_X
 ClientSampleId :

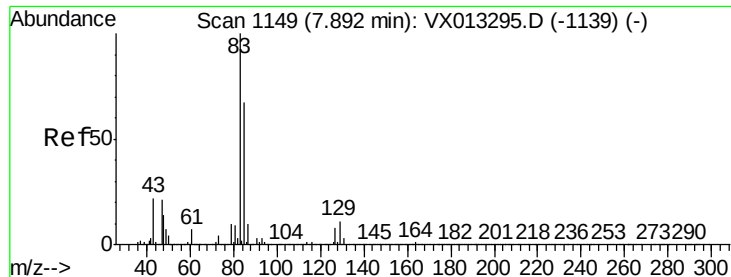
Tot Ion: 63 Resp: 395936
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 52.016 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

Tgt Ion: 93 Resp: 265711
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.6
 174 114.8 90.4 135.6





#47

Bromodichloromethane

Concen: 55.659 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

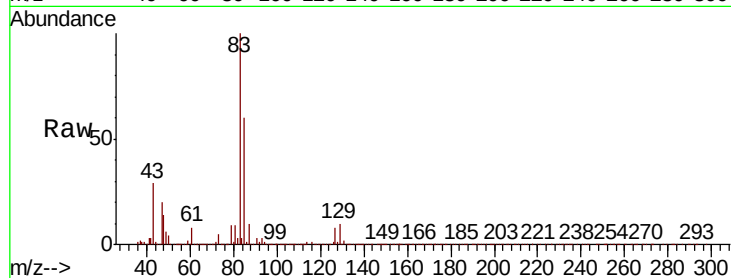
Tot Ion: 83 Resp: 536141

Ion Ratio Lower Upper

83 100

85 60.4 53.7 80.5

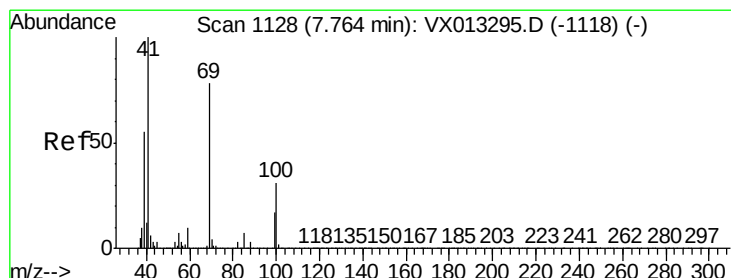
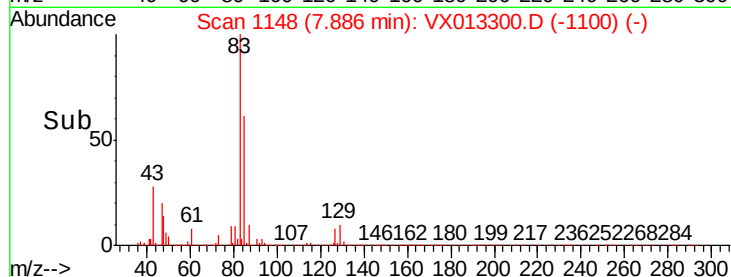
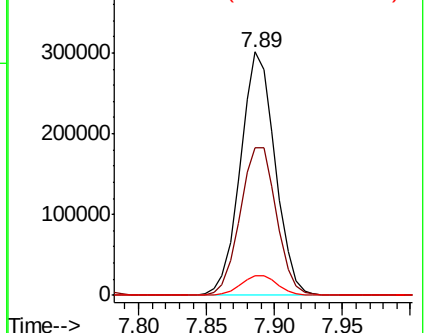
127 8.2 6.4 9.6



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: 53.268 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

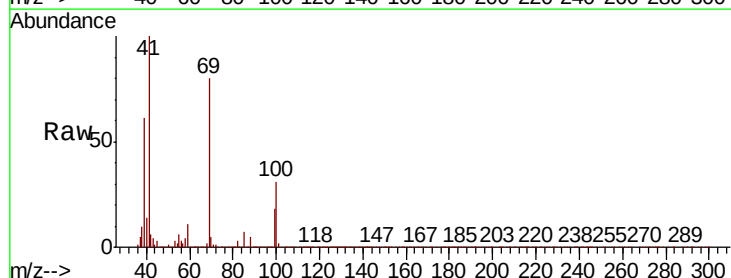
Tgt Ion: 41 Resp: 482288

Ion Ratio Lower Upper

41 100

69 80.8 63.0 94.6

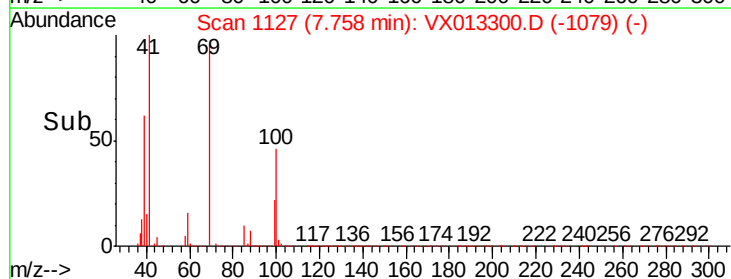
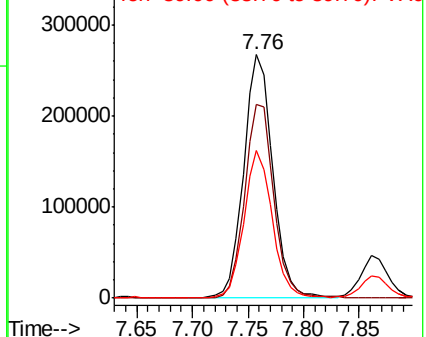
39 58.8 45.9 68.9

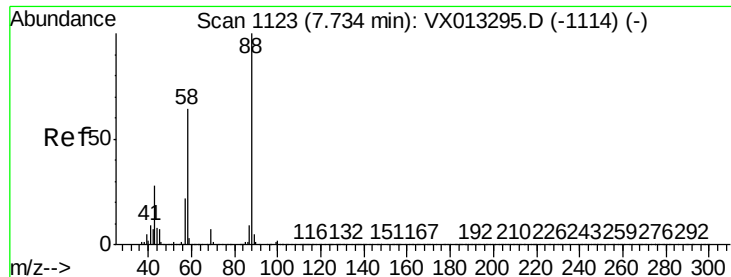


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 944.696 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

ClientSampled :

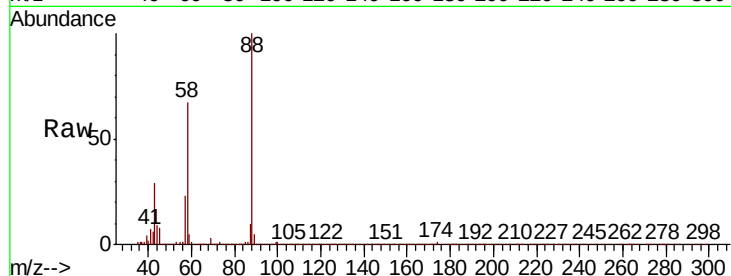
Tot Ion: 88 Resp: 195879

Ion Ratio Lower Upper

88 100

43 34.7 26.6 39.8

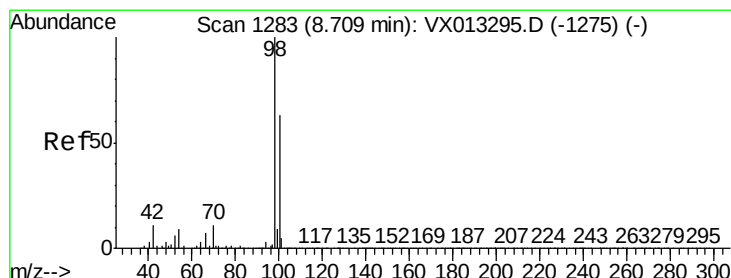
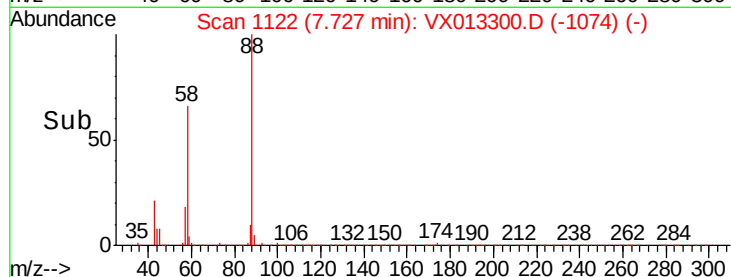
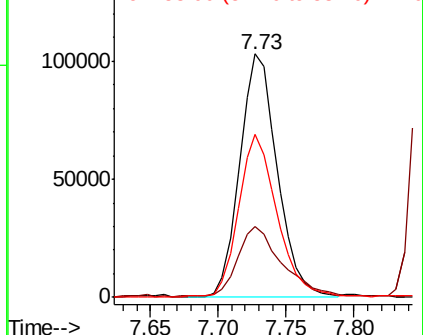
58 69.6 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.268 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013300.D

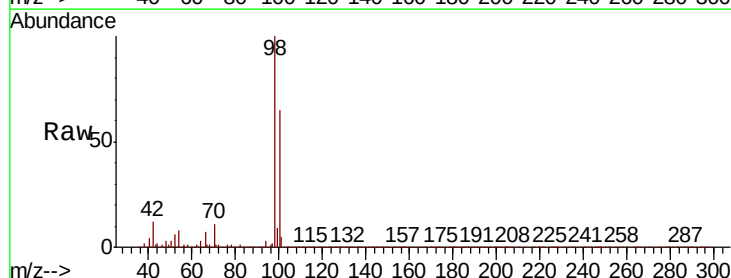
Acq: 01 Nov 2019 09:53

Tgt Ion: 98 Resp: 1280066

Ion Ratio Lower Upper

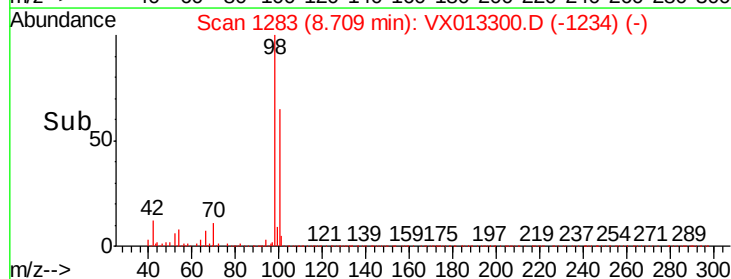
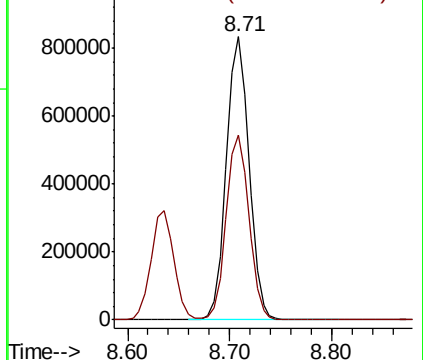
98 100

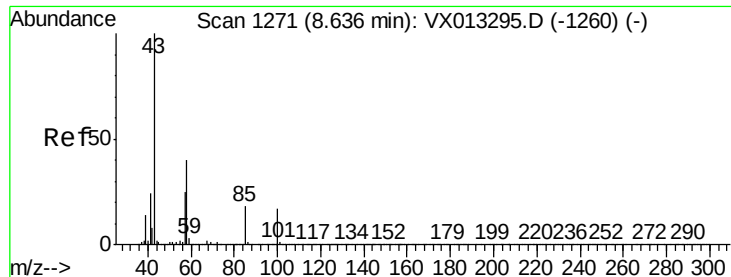
100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 252.794 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

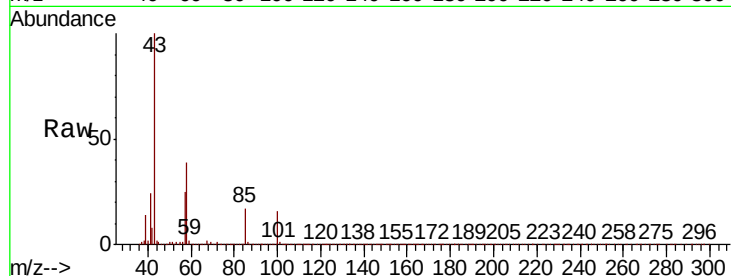
ClientSampleId :

Tot Ion: 43 Resp: 3008244

Ion Ratio Lower Upper

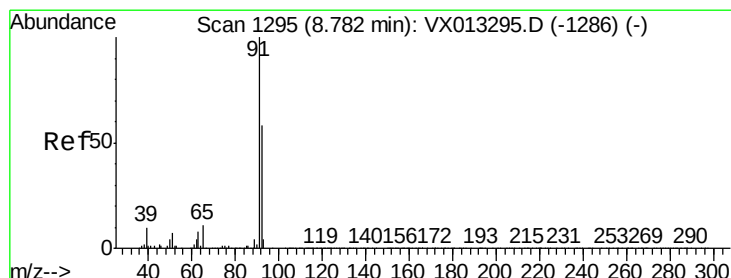
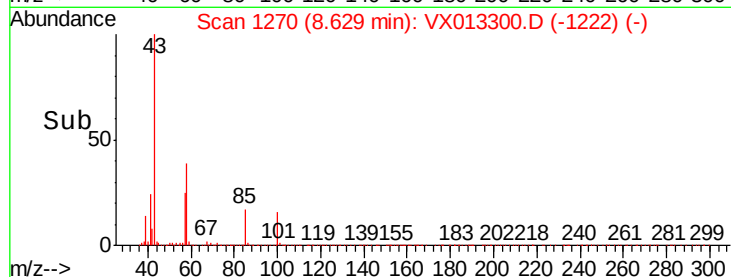
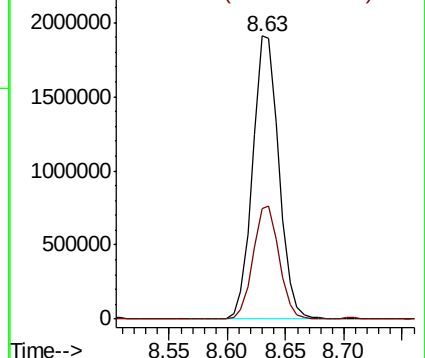
43 100

58 39.7 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.274 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013300.D

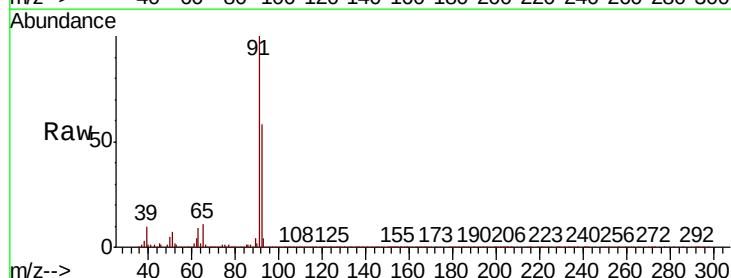
Acq: 01 Nov 2019 09:53

Tgt Ion: 92 Resp: 987734

Ion Ratio Lower Upper

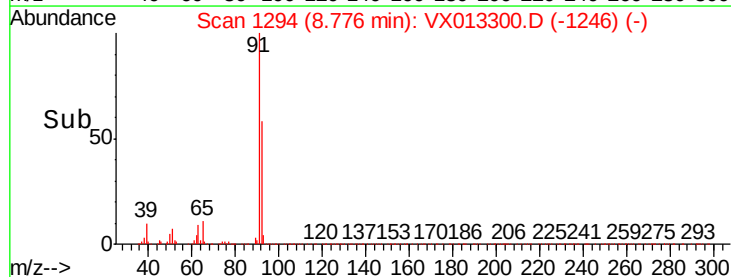
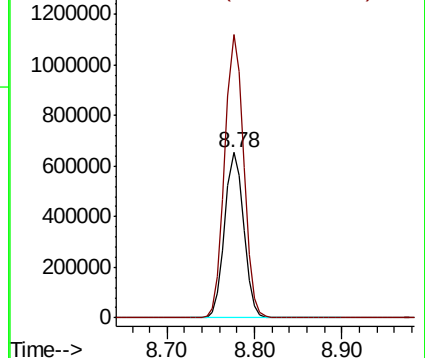
92 100

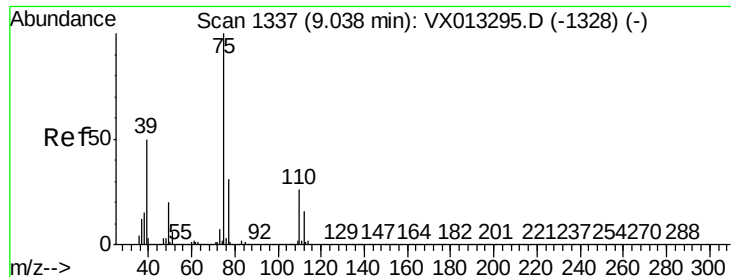
91 170.9 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

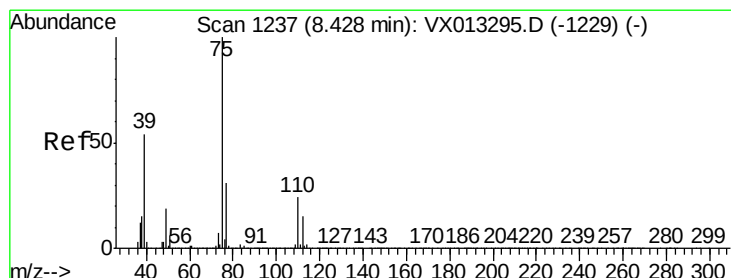
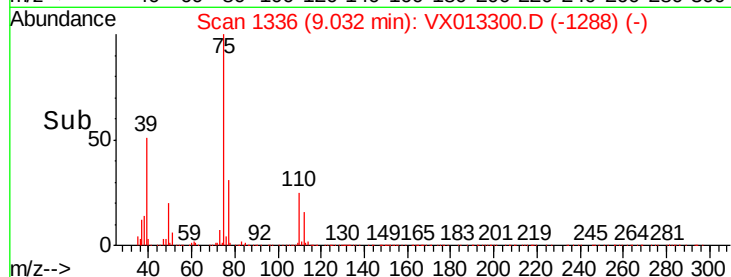
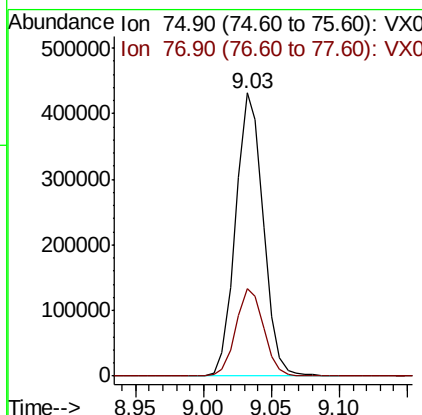
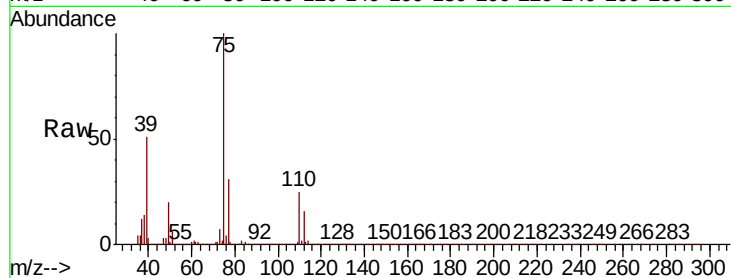




#53
t-1,3-Dichloropropene
Concen: 57.865 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

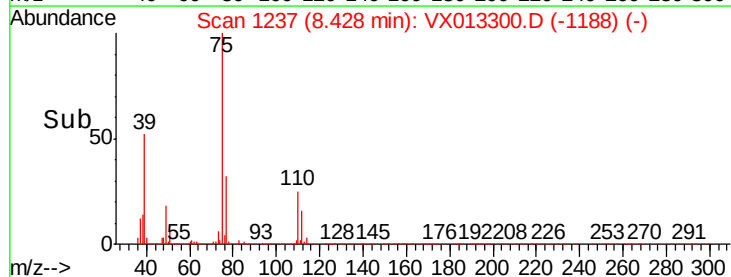
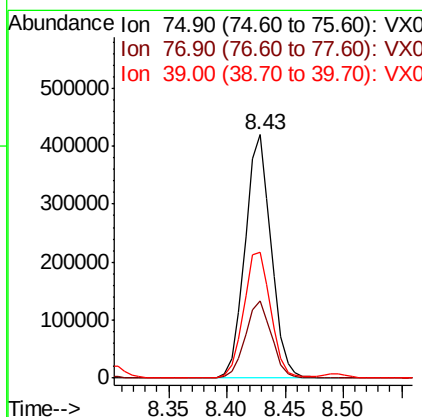
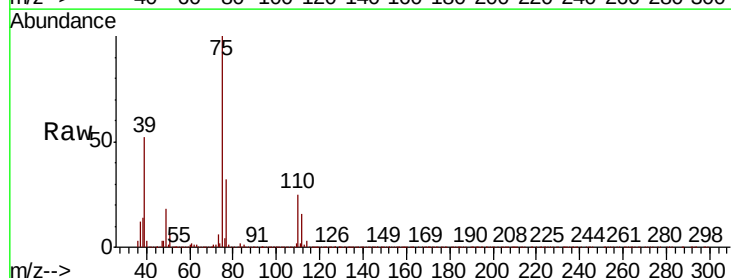
Instrument :
MSVOA_X
ClientSampleId :

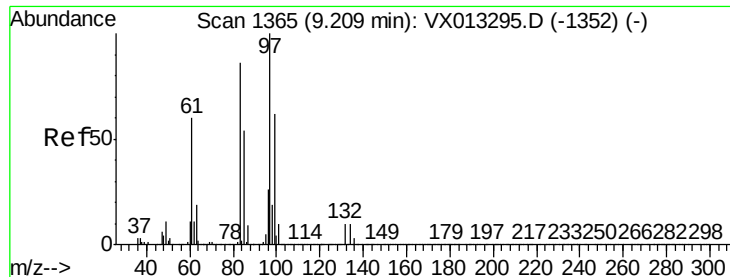
Tot Ion: 75 Resp: 609500
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 55.504 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion: 75 Resp: 653979
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 51.7 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 52.816 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 398406

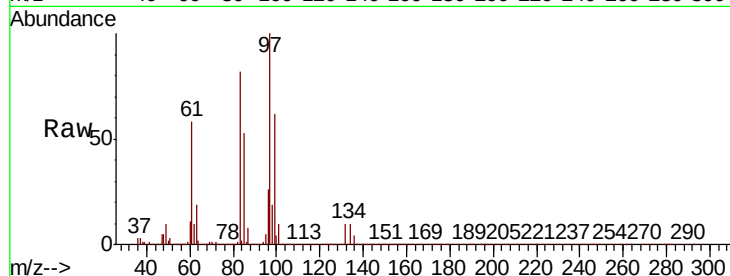
Ion Ratio Lower Upper

97 100

83 82.0 68.6 103.0

85 53.0 43.1 64.7

99 61.6 49.4 74.0



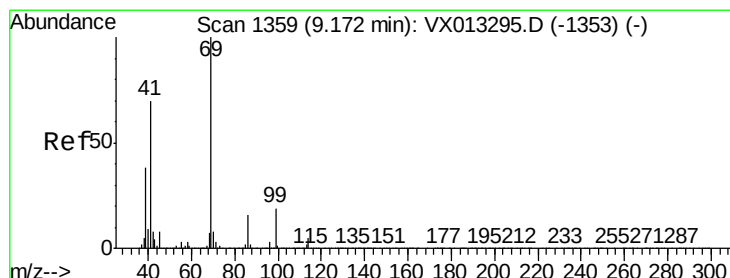
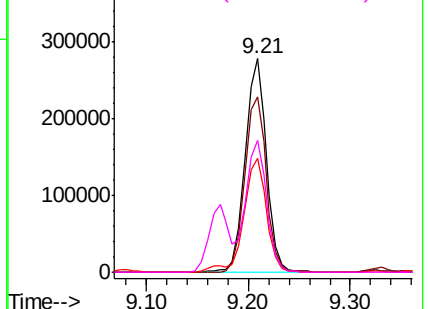
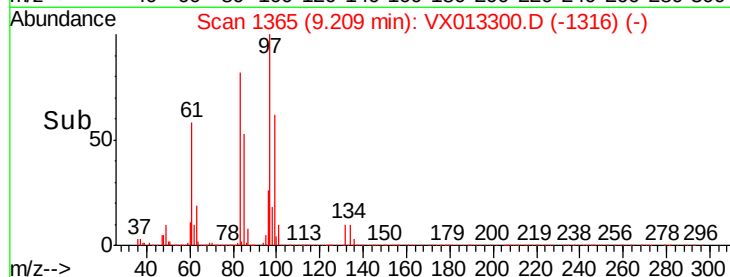
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.609 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

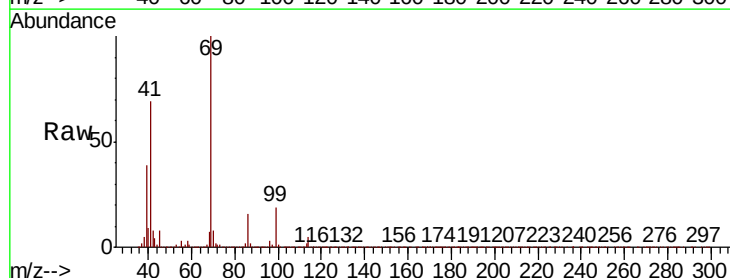
Tgt Ion: 69 Resp: 638695

Ion Ratio Lower Upper

69 100

41 70.2 56.2 84.2

39 39.4 31.1 46.7

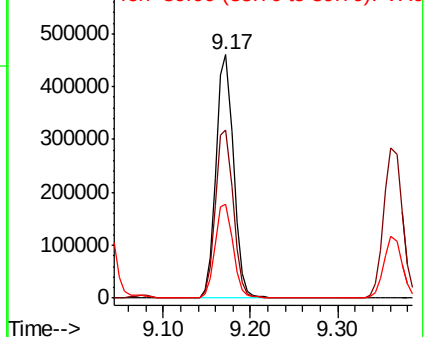
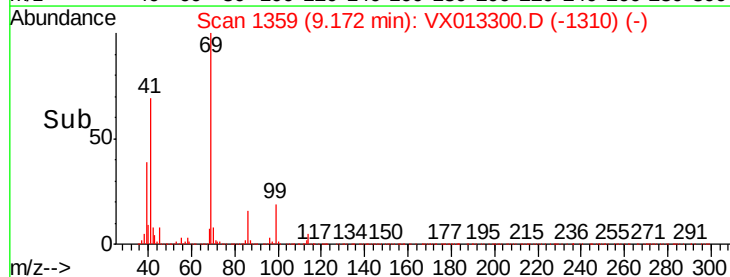


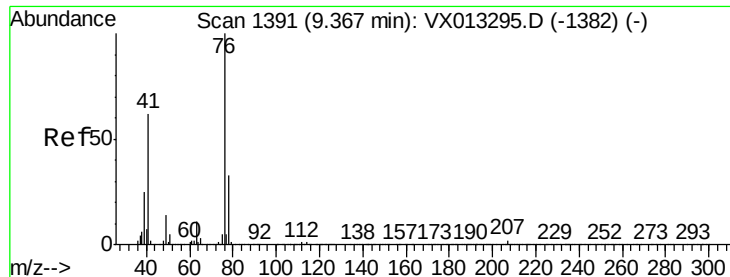
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.605 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

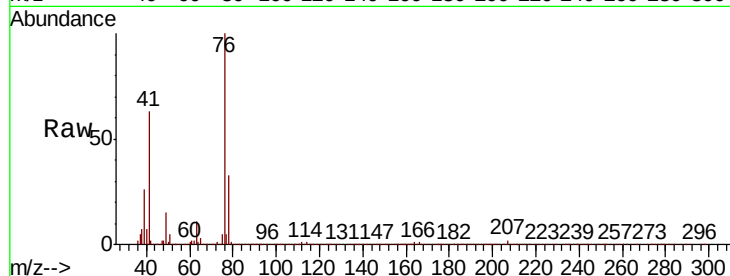
ClientSampleId :

Tot Ion: 76 Resp: 673610

Ion Ratio Lower Upper

76 100

78 32.5 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

500000

400000

300000

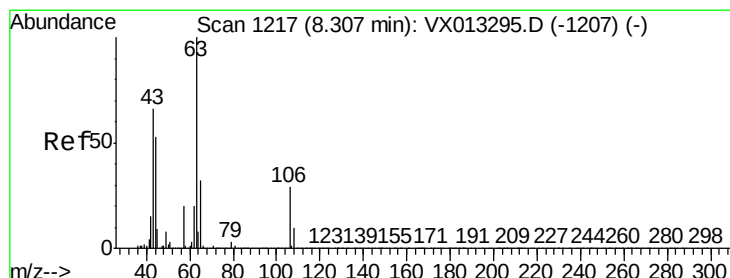
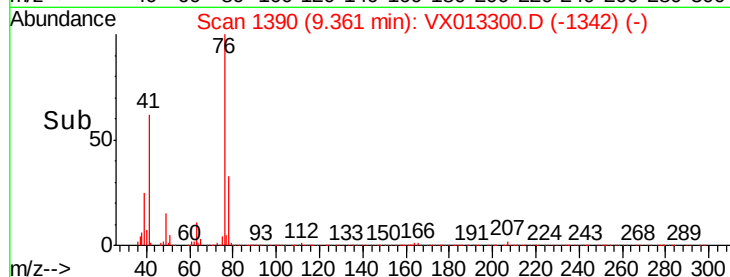
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 280.096 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013300.D

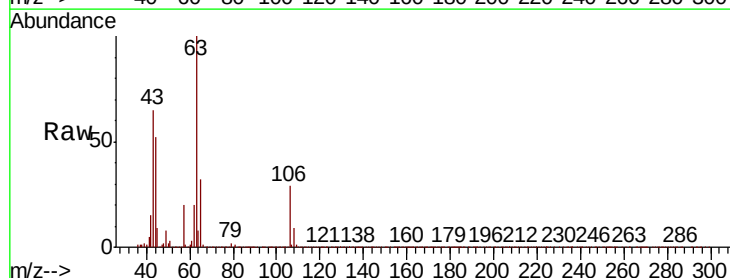
Acq: 01 Nov 2019 09:53

Tgt Ion: 63 Resp: 1444658

Ion Ratio Lower Upper

63 100

106 29.5 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

1000000

800000

600000

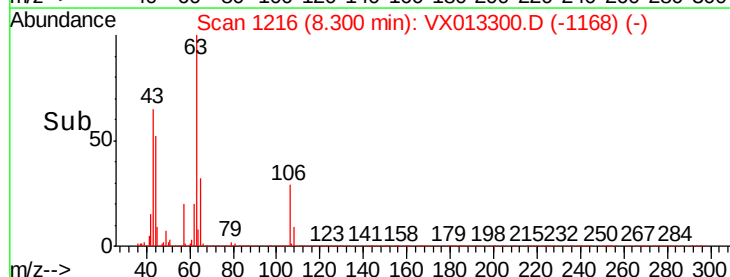
400000

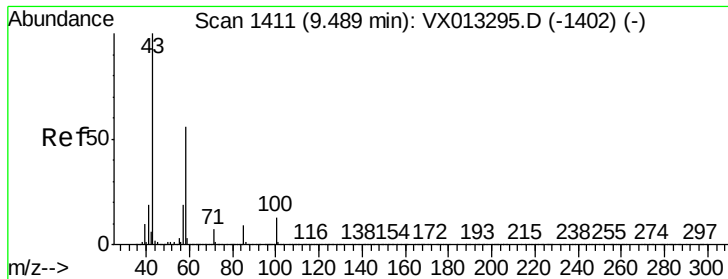
200000

0

8.20 8.30 8.40

Time-->

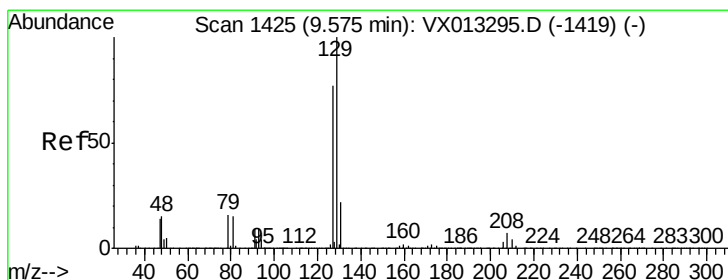
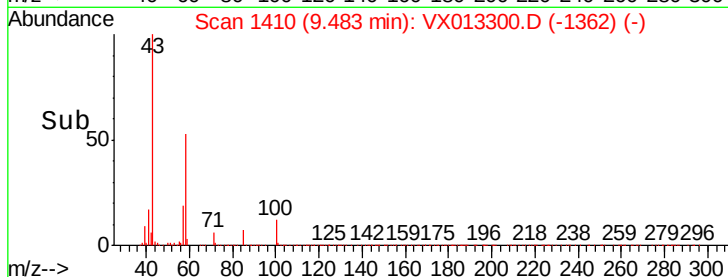
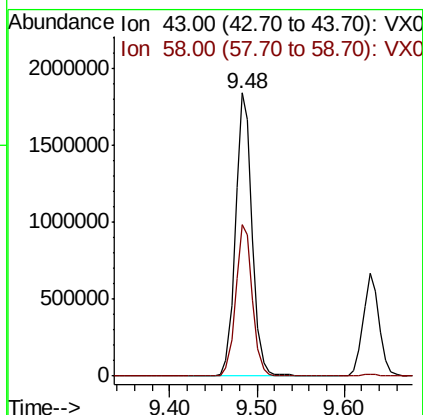
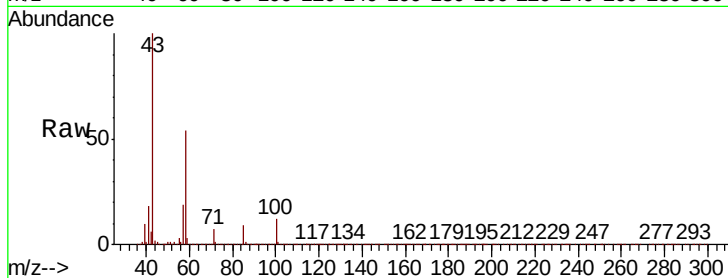




#59
2-Hexanone
Concen: 266.559 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

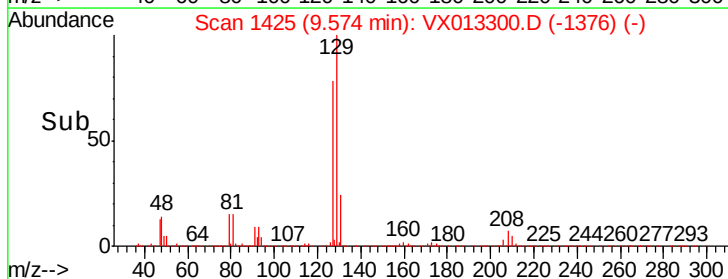
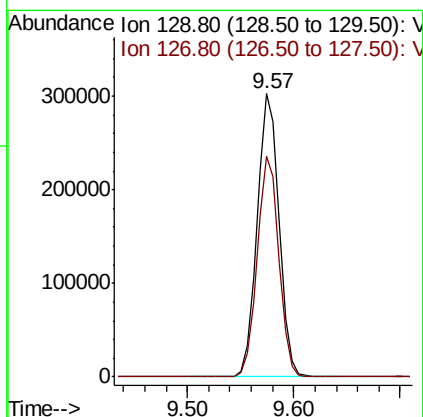
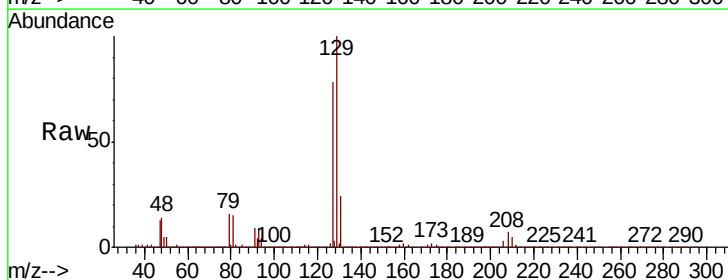
Instrument :
MSVOA_X
ClientSampleId :

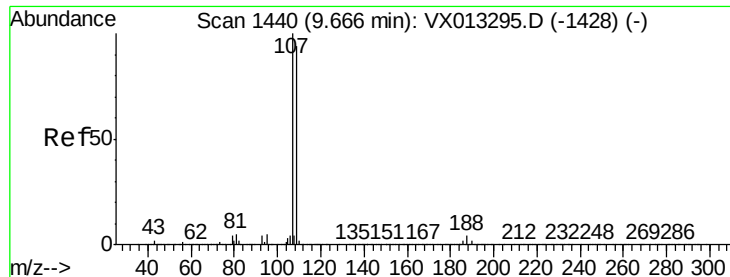
Tot Ion: 43 Resp: 2451283
Ion Ratio Lower Upper
43 100
58 53.8 27.3 81.8



#60
Dibromochloromethane
Concen: 56.460 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion: 129 Resp: 435572
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 53.226 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

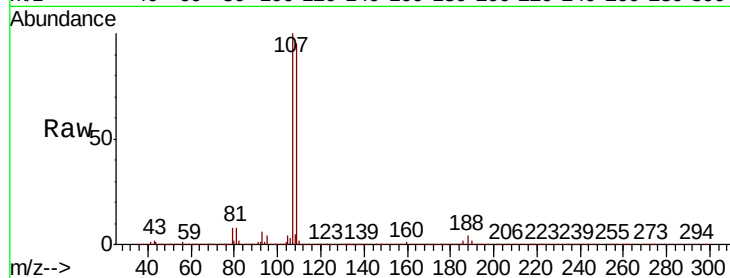
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 426339

Ion Ratio Lower Upper

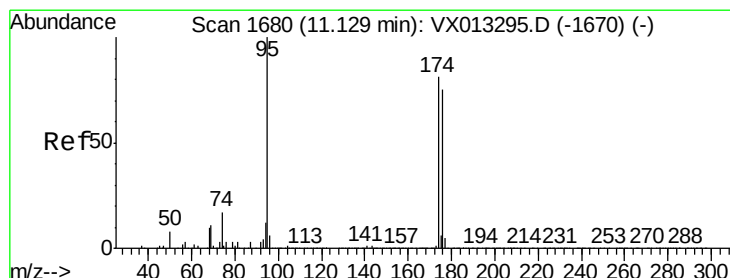
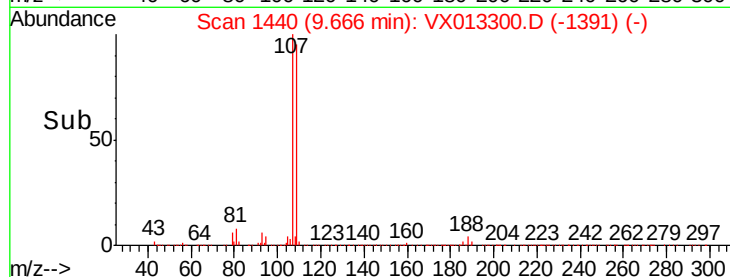
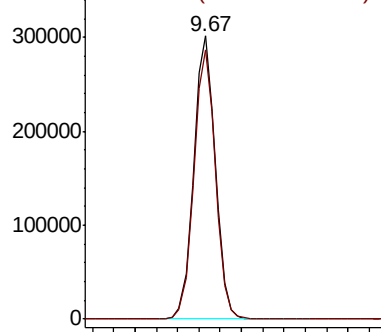
107 100

109 95.2 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: 49.198 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

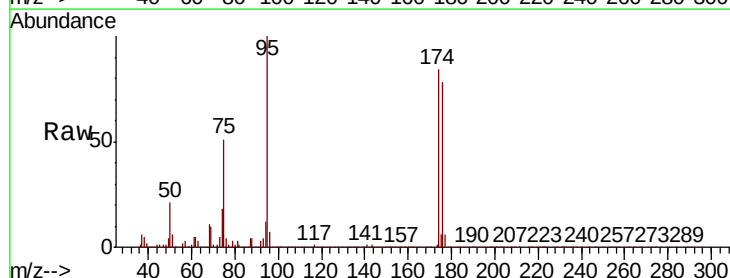
Tgt Ion: 95 Resp: 461328

Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.8

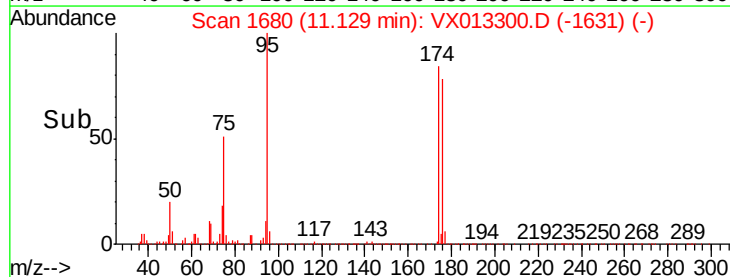
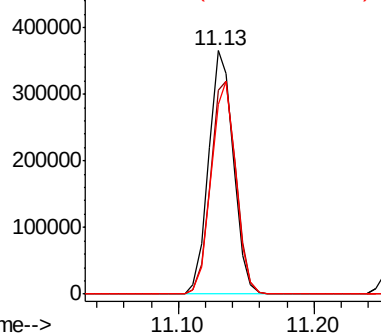
176 87.2 0.0 173.0

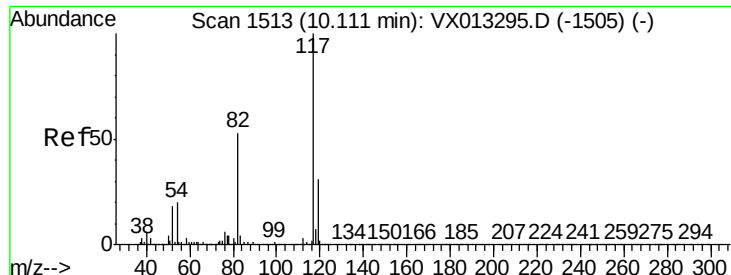


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

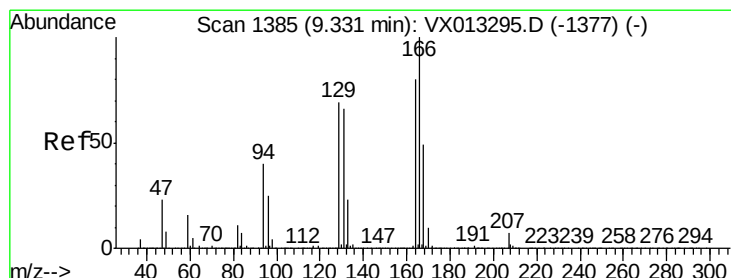
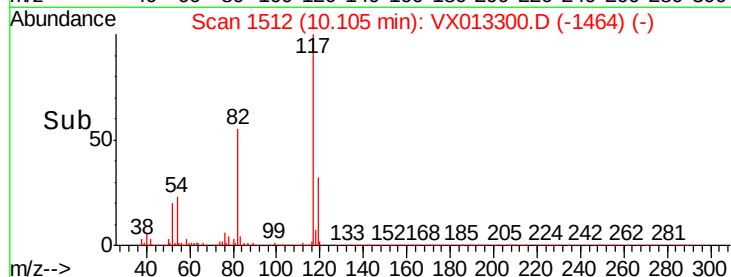
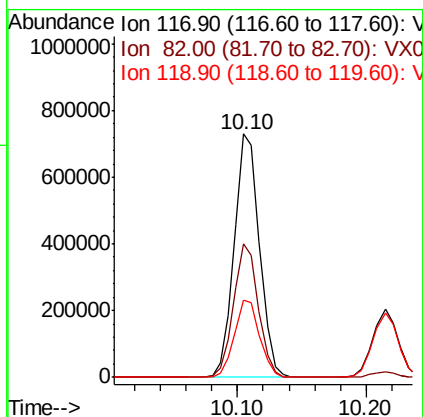
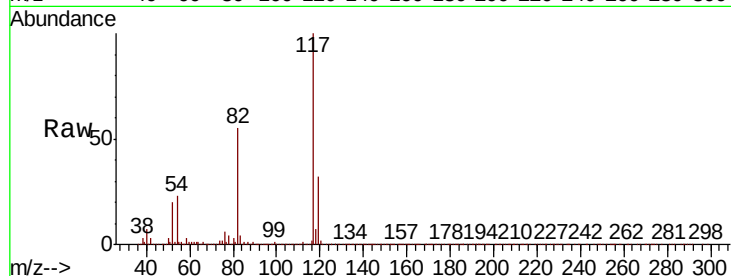




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

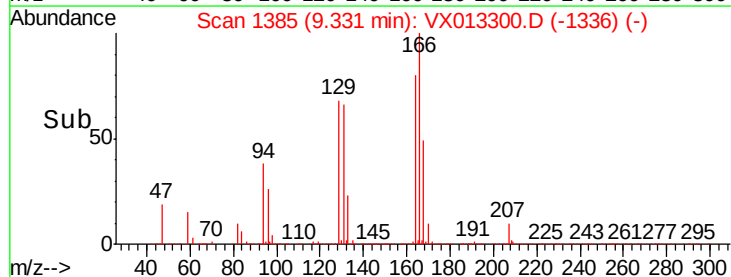
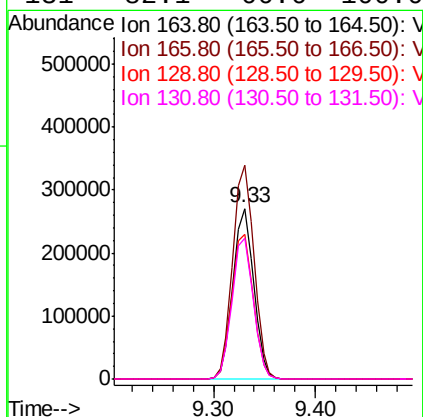
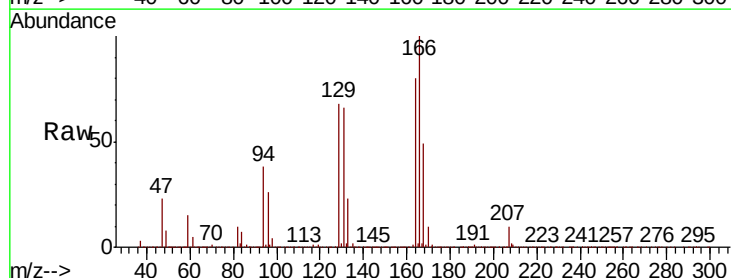
Instrument :
MSVOA_X
ClientSampleId :

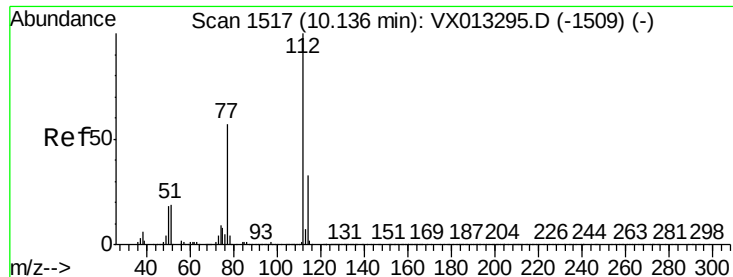
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.6	64.0
119	31.6	24.8	37.2



#64
Tetrachloroethene
Concen: 53.620 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	100.4	150.6
129	84.7	69.4	104.2
131	82.1	66.6	100.0

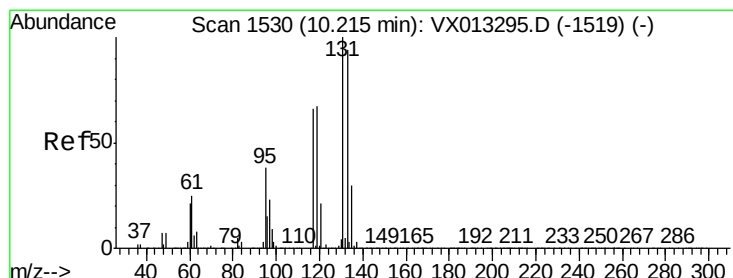
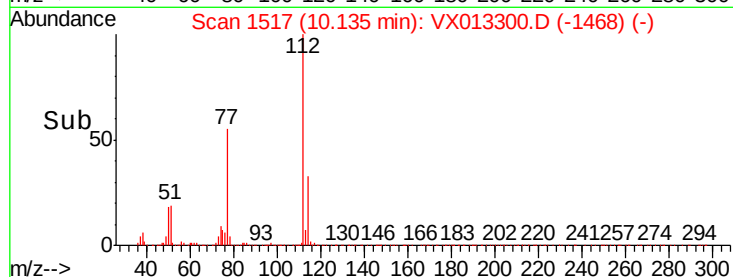
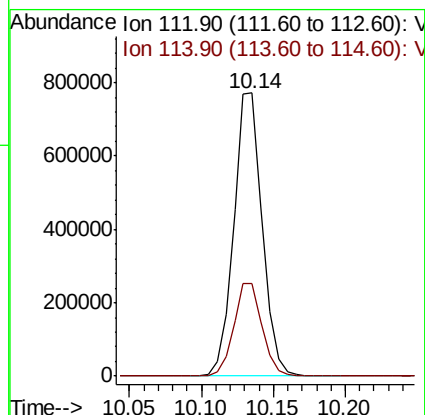
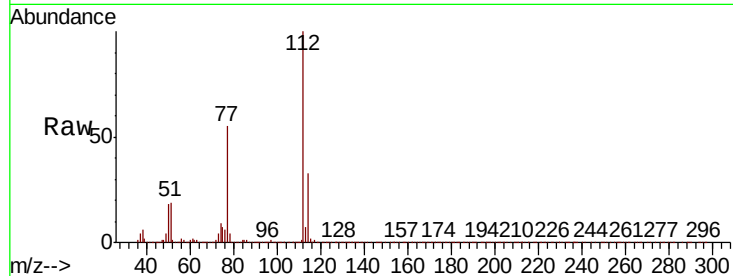




#65
Chlorobenzene
Concen: 52.785 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

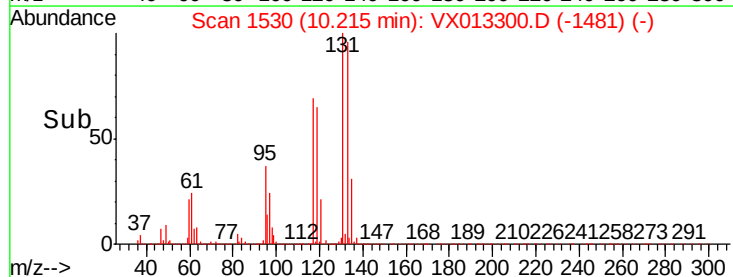
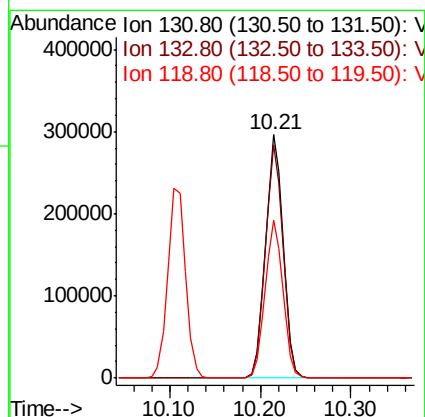
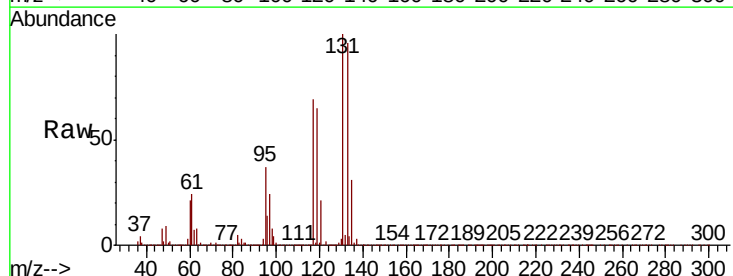
Instrument :
MSVOA_X
ClientSampleId :

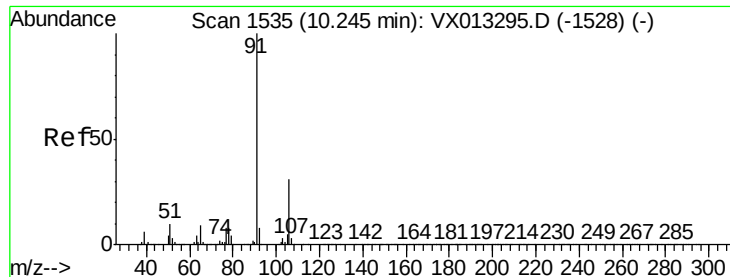
Tot Ion:112 Resp: 1063455
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.012 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion:131 Resp: 399548
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 65.1 33.0 99.0





#67

Ethyl Benzene

Concen: 54.863 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

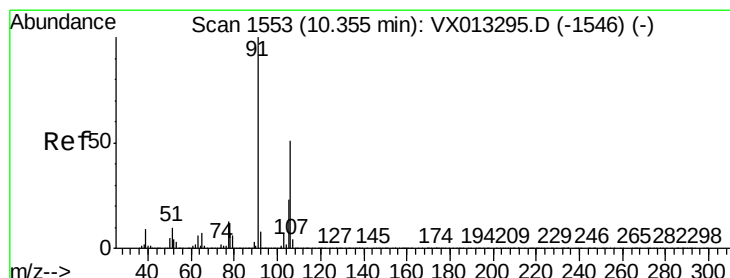
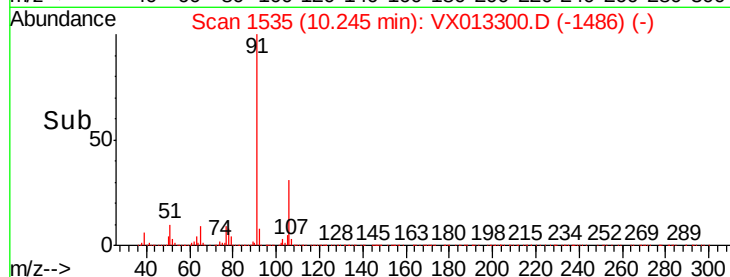
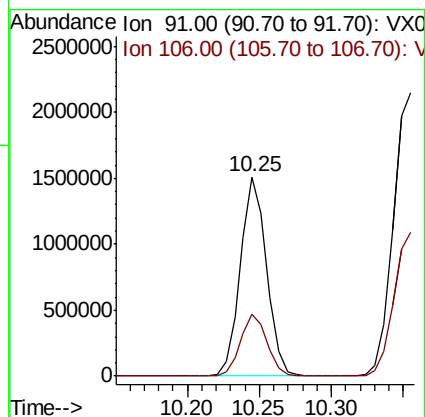
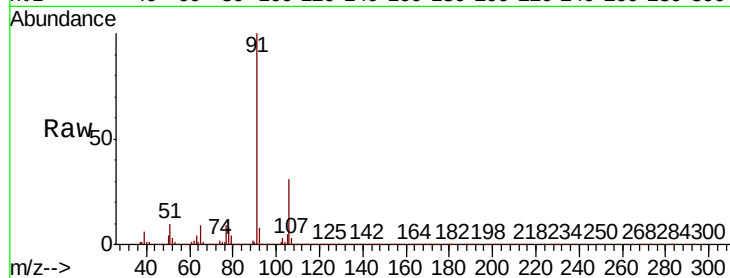
ClientSampled :

Tot Ion: 91 Resp: 1907663

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 111.030 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013300.D

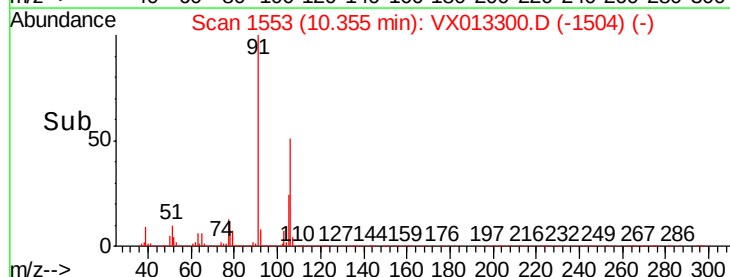
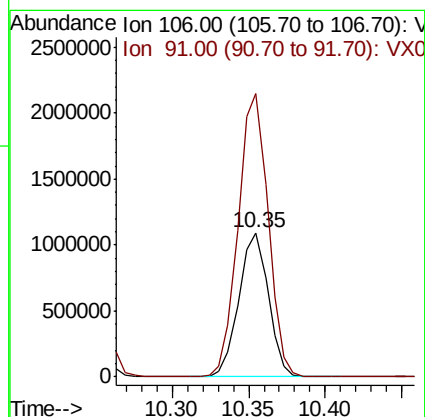
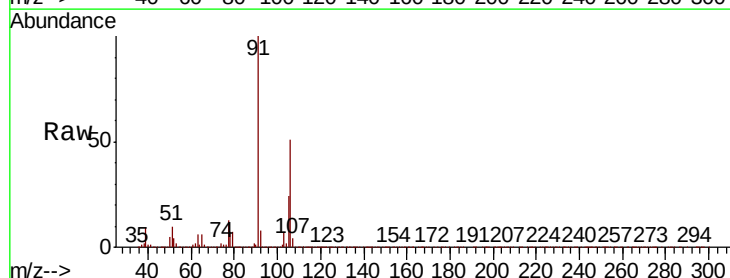
Acq: 01 Nov 2019 09:53

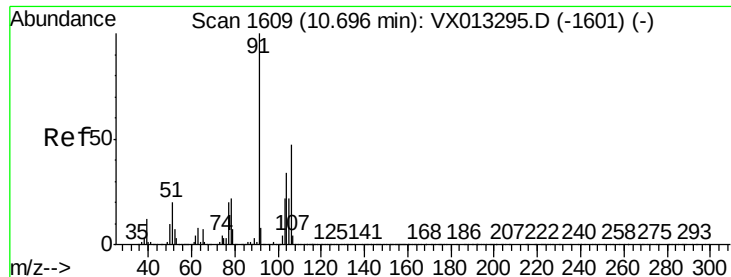
Tgt Ion: 106 Resp: 1460078

Ion Ratio Lower Upper

106 100

91 200.0 159.3 238.9

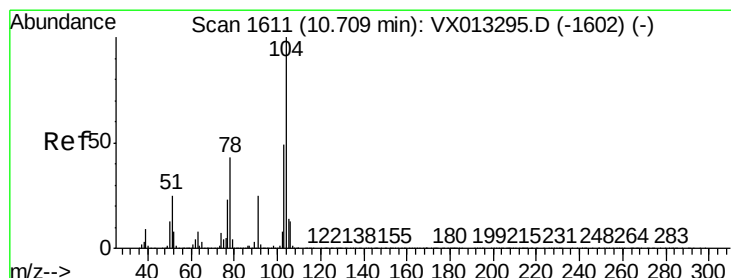
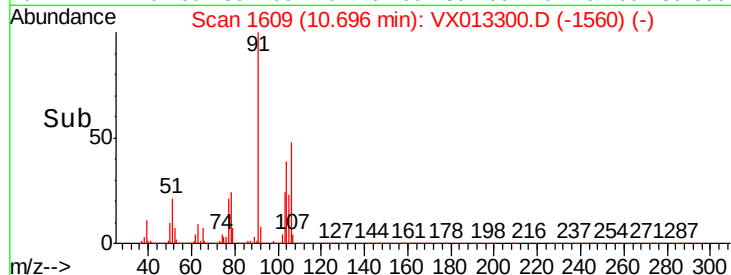
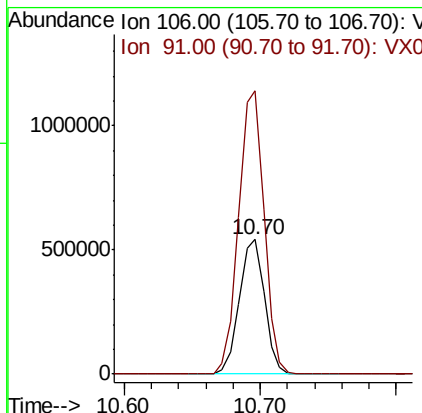
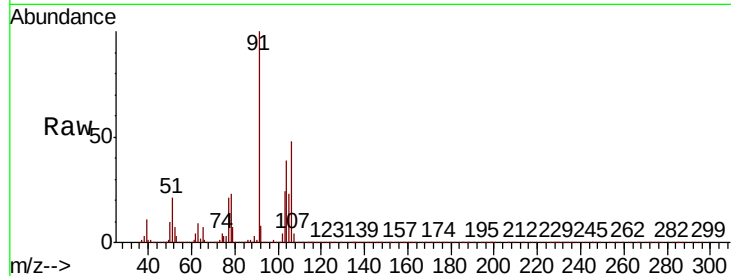




#69
o-Xylene
Concen: 54.392 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

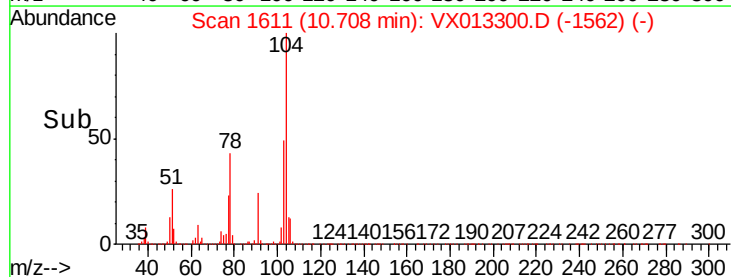
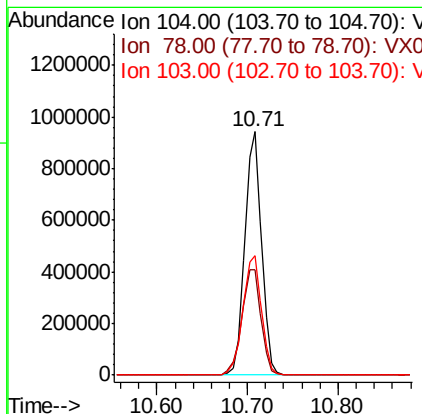
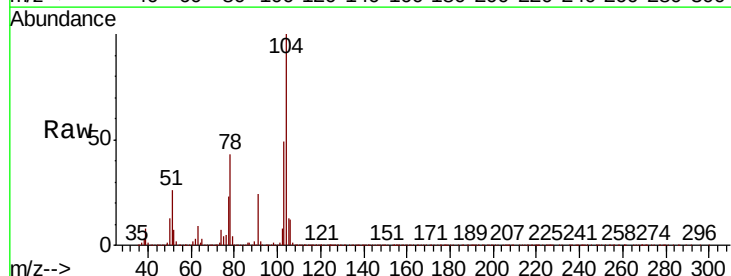
Instrument :
MSVOA_X
ClientSampled :

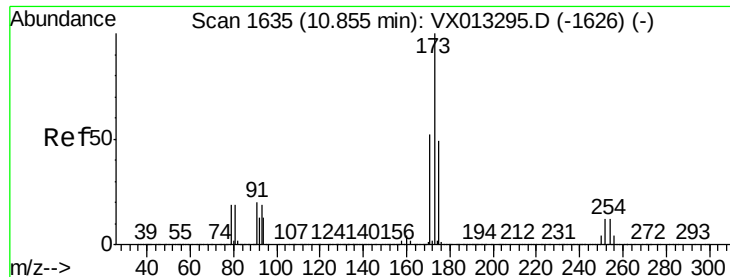
Tot Ion:106 Resp: 700271
Ion Ratio Lower Upper
106 100
91 212.5 105.7 317.0



#70
Styrene
Concen: 56.008 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion:104 Resp: 1205370
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 54.7 44.1 66.1

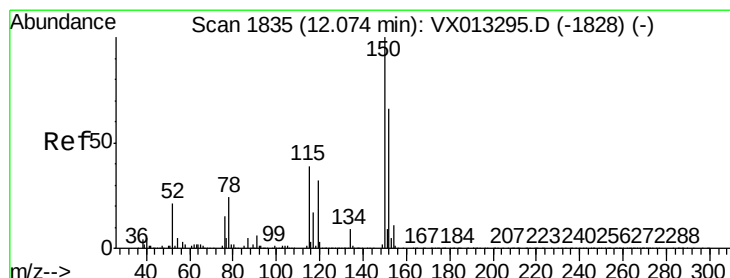
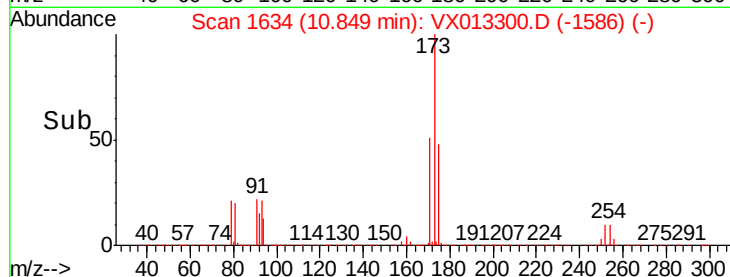
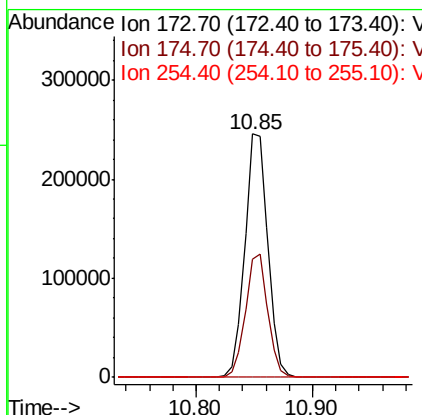
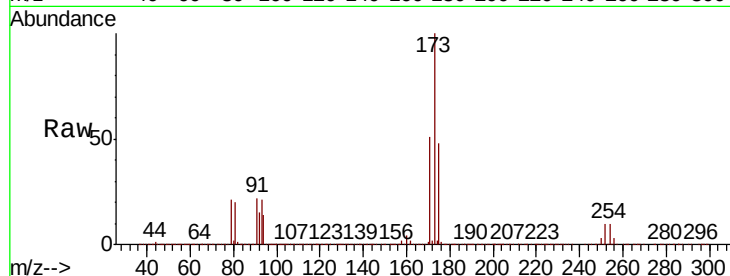




#71
Bromoform
Concen: 49.488 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

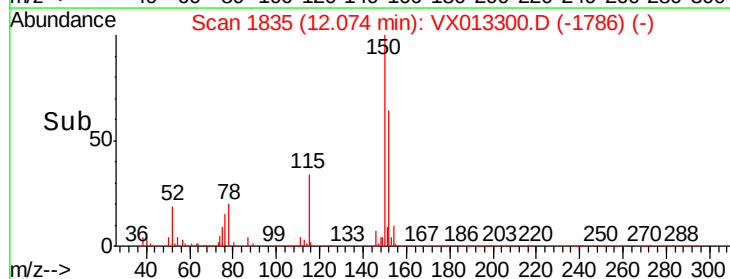
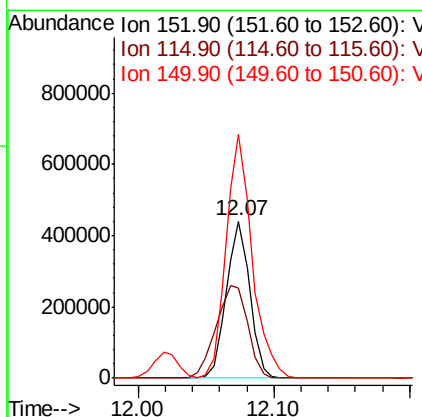
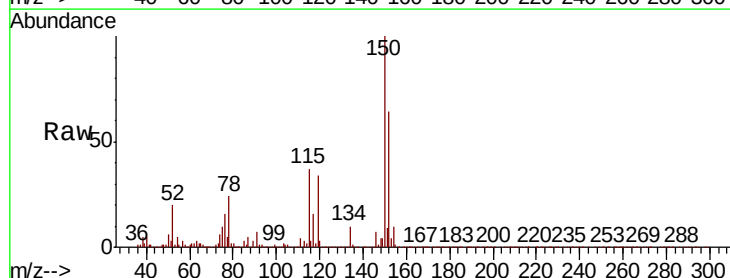
Instrument :
MSVOA_X
ClientSampleId :

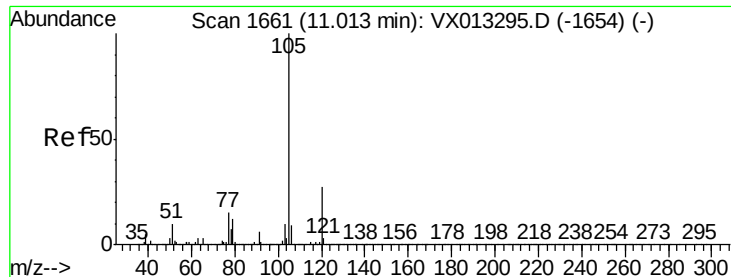
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.4
254	0.3	0.2	0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.3	39.5	118.3
150	172.5	0.0	344.4





#73

Isopropylbenzene

Concen: 54.145 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

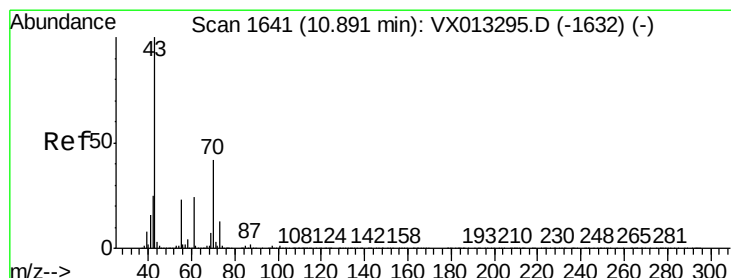
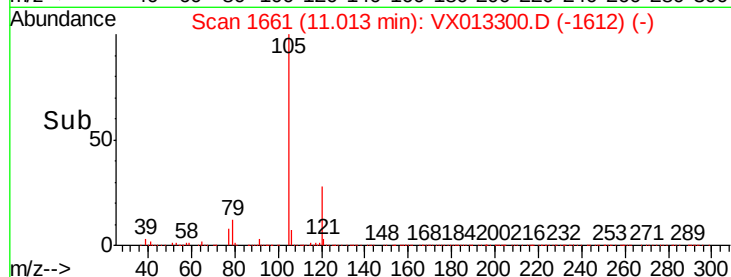
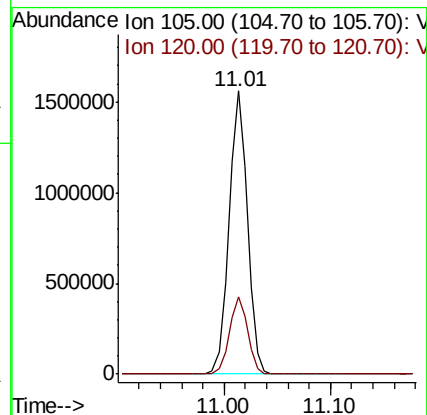
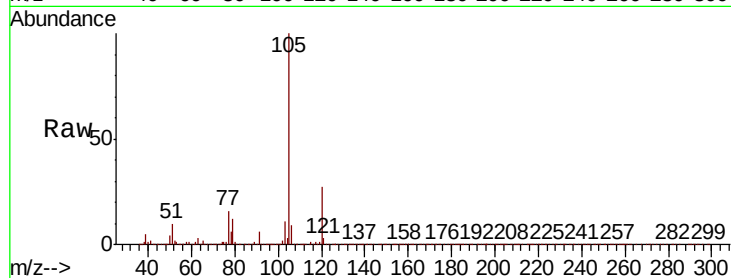
ClientSampleId :

Tot Ion:105 Resp: 1881129

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 54.651 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Tgt Ion: 43 Resp: 880473

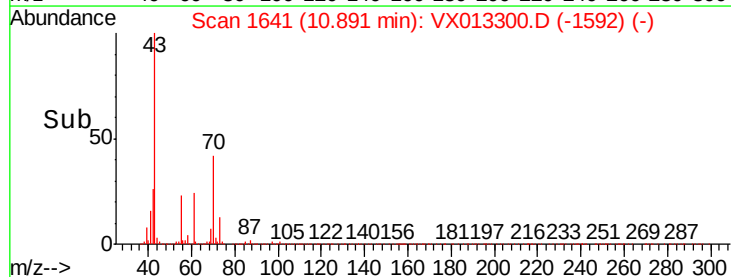
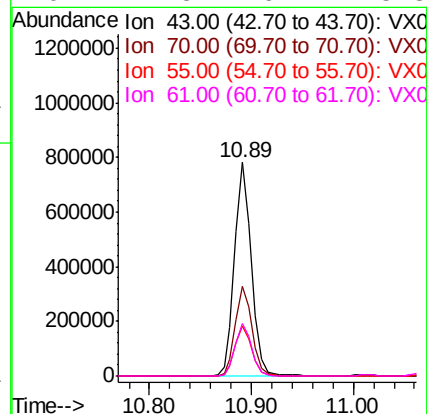
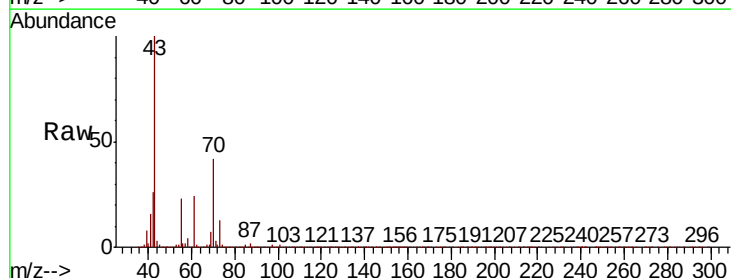
Ion Ratio Lower Upper

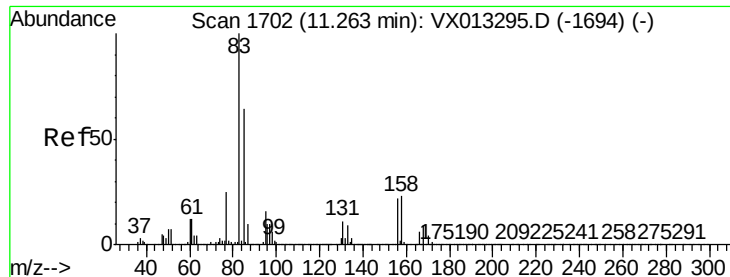
43 100

70 42.0 34.1 51.1

55 23.5 18.9 28.3

61 24.3 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.021 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

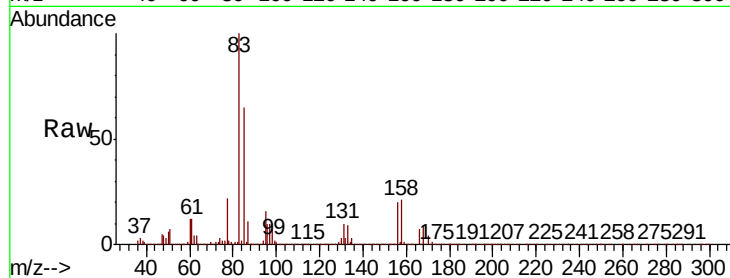
Tot Ion: 83 Resp: 633990

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

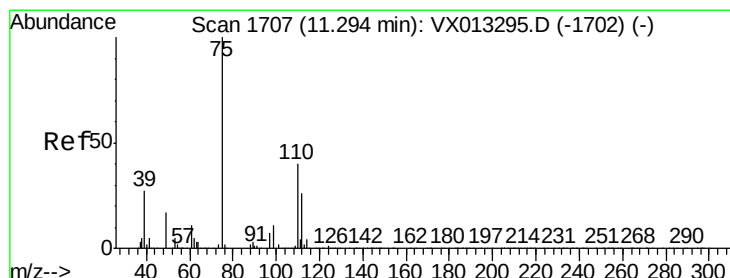
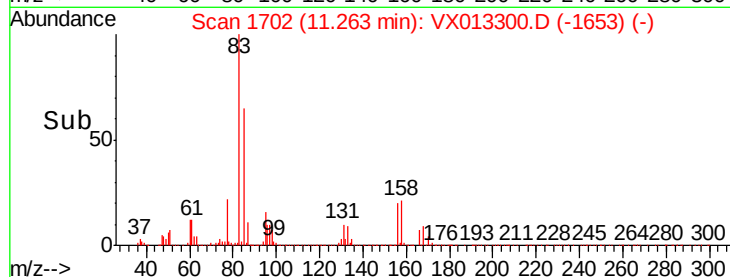
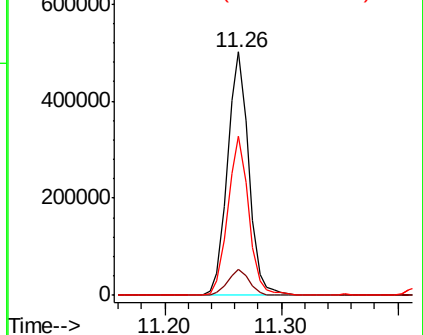
85 64.4 32.3 96.8



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: 69.223 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013300.D

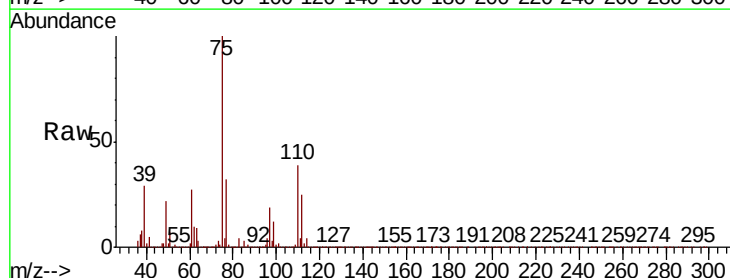
Acq: 01 Nov 2019 09:53

Tgt Ion: 75 Resp: 736761

Ion Ratio Lower Upper

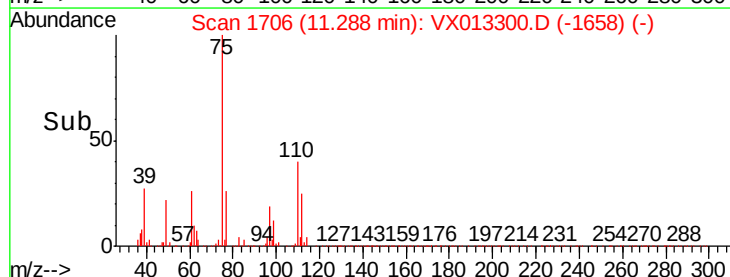
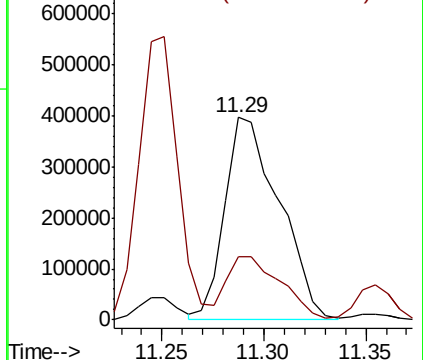
75 100

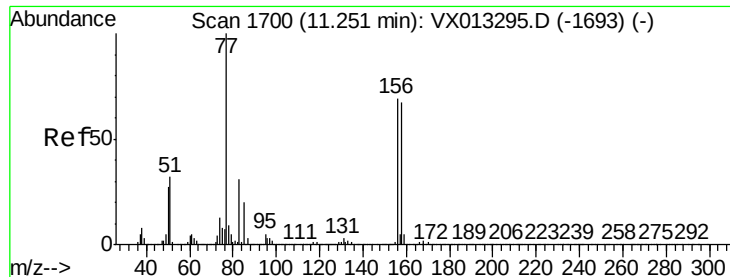
77 30.4 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.245 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

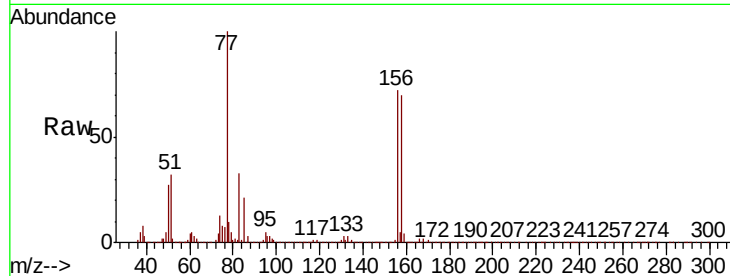
Tot Ion:156 Resp: 493148

Ion Ratio Lower Upper

156 100

77 149.3 75.8 227.4

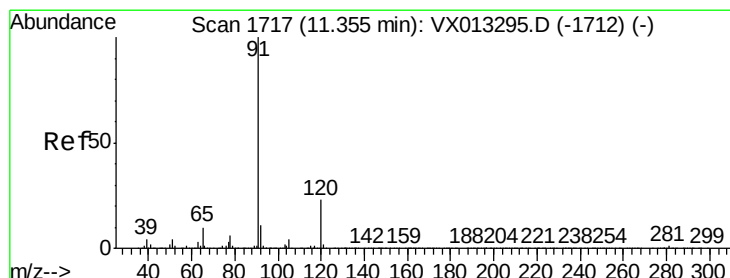
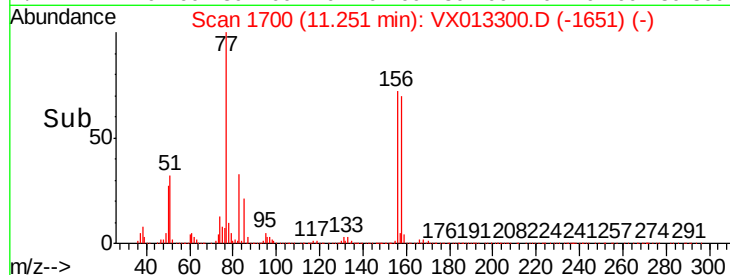
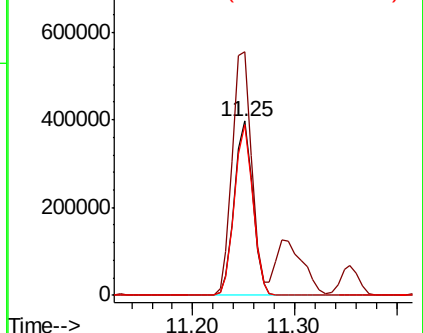
158 97.7 47.6 142.8



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: 56.352 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013300.D

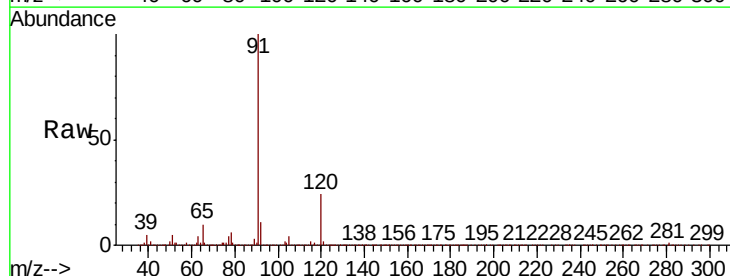
Acq: 01 Nov 2019 09:53

Tgt Ion: 91 Resp: 2180881

Ion Ratio Lower Upper

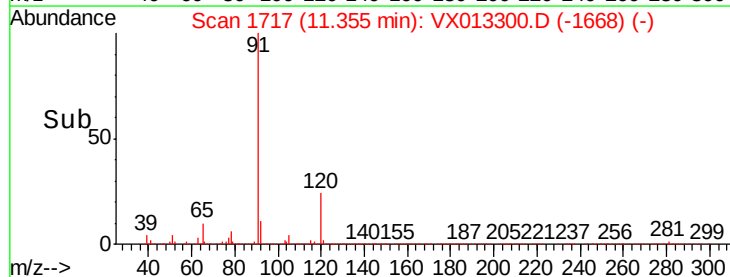
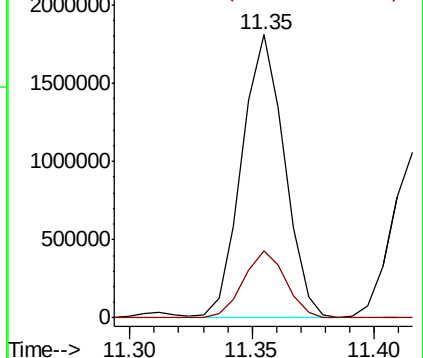
91 100

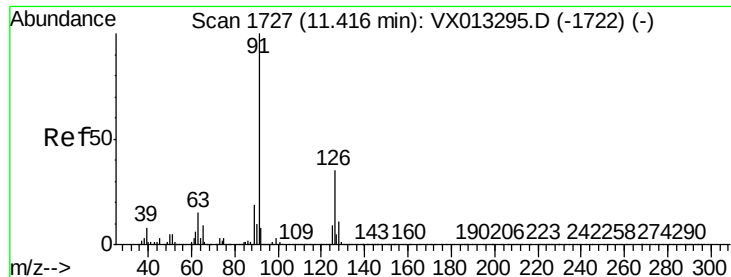
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.198 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

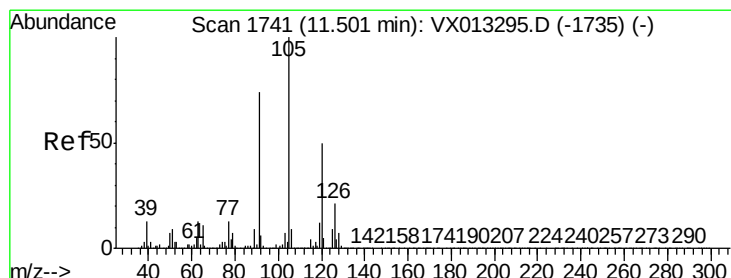
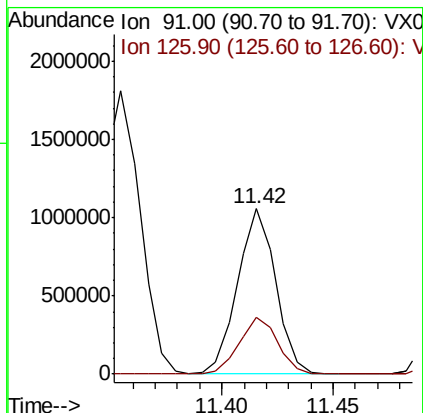
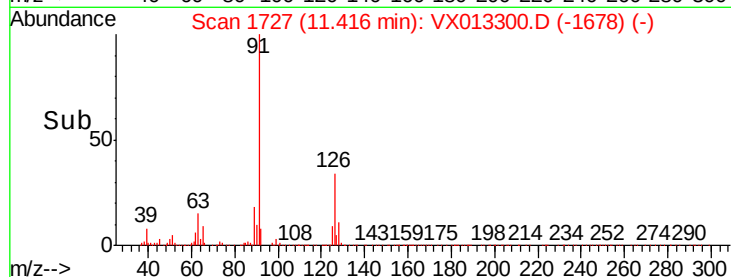
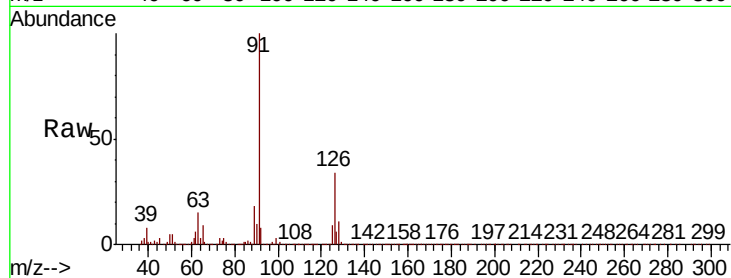
ClientSampleId :

Tot Ion: 91 Resp: 1263741

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 55.424 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013300.D

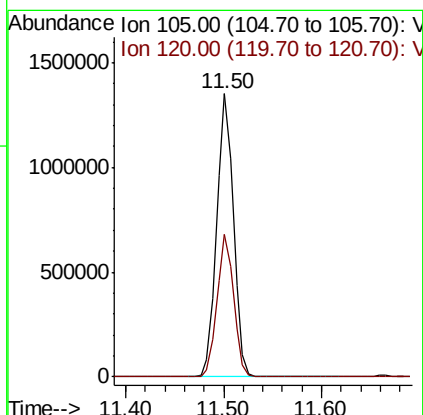
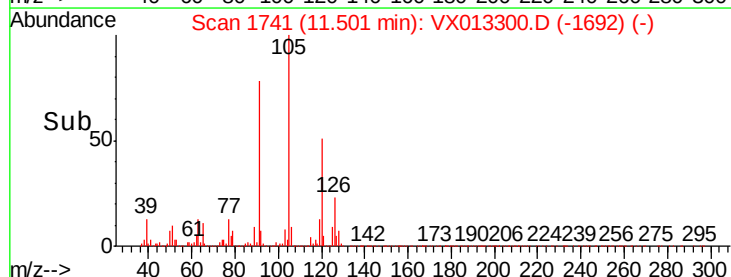
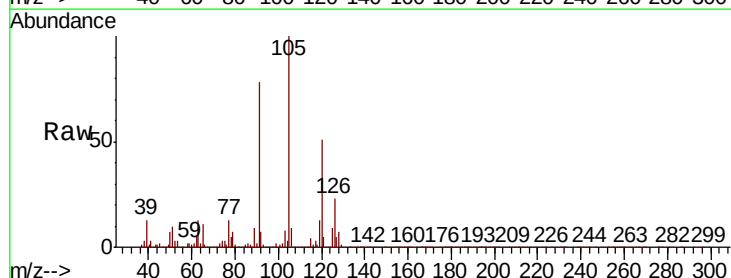
Acq: 01 Nov 2019 09:53

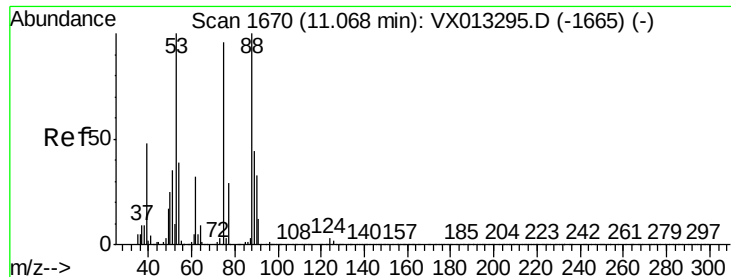
Tgt Ion: 105 Resp: 1603887

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8

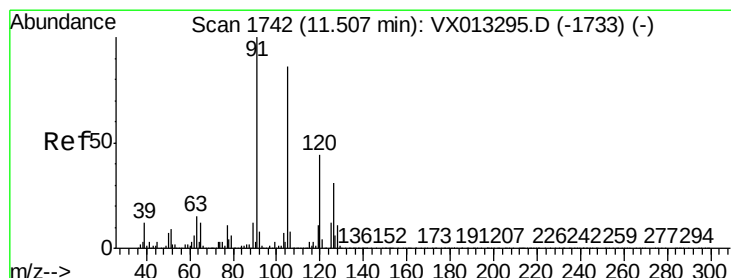
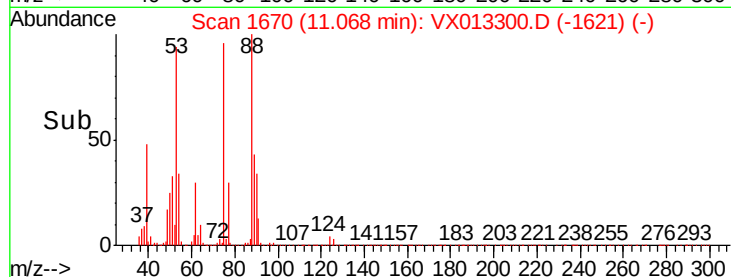
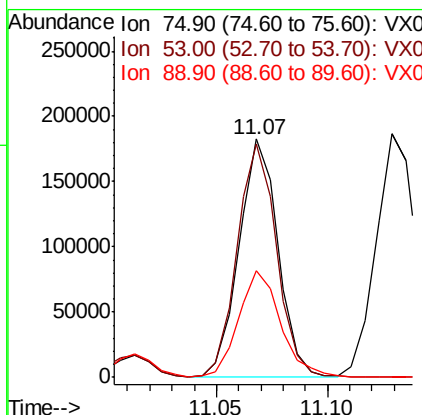
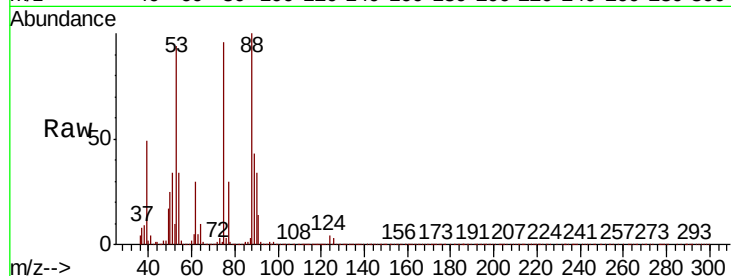




#81
trans-1,4-Dichloro-2-butene
Concen: 53.736 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

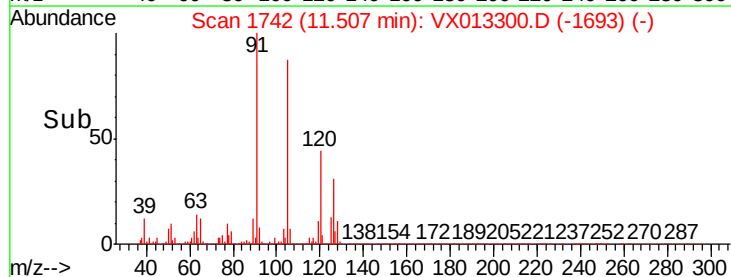
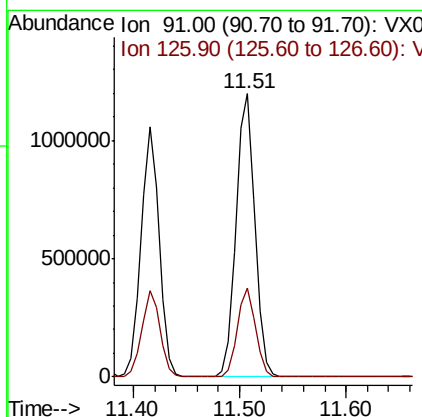
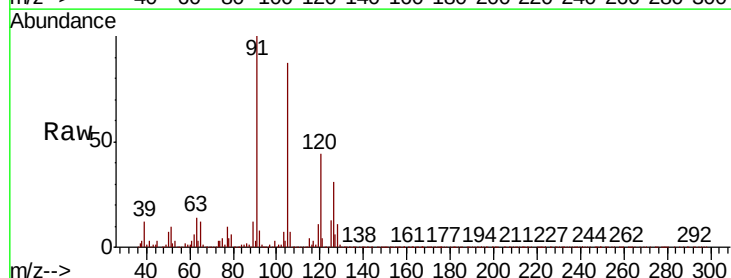
Instrument :
MSVOA_X
ClientSampleId :

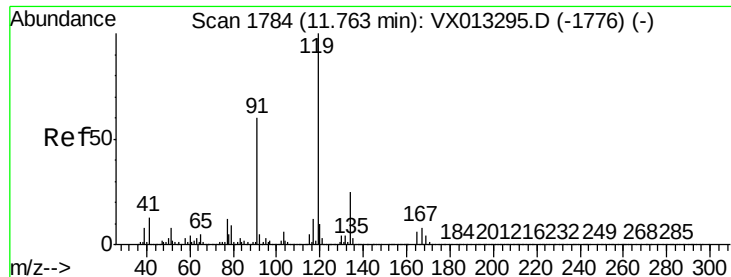
Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	81.0	121.6
89	48.6	36.0	54.0



#82
4-Chlorotoluene
Concen: 54.477 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.8

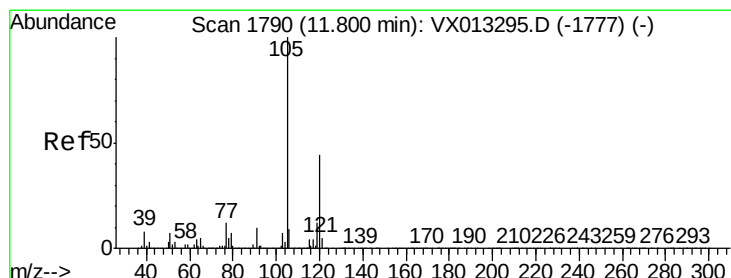
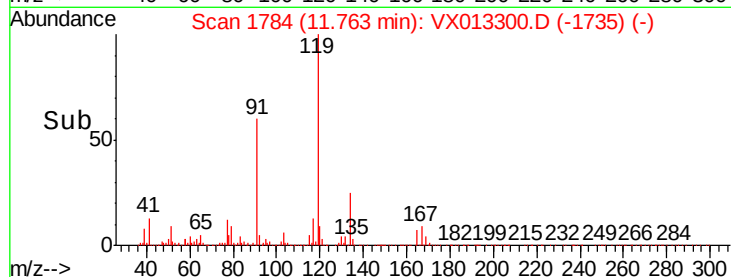
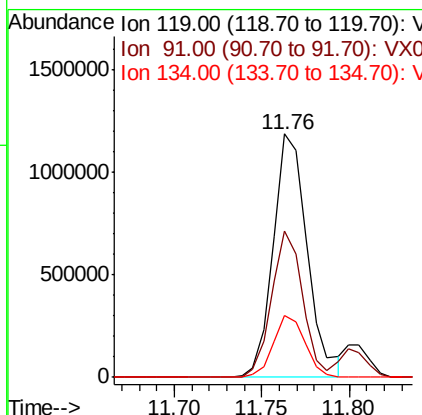
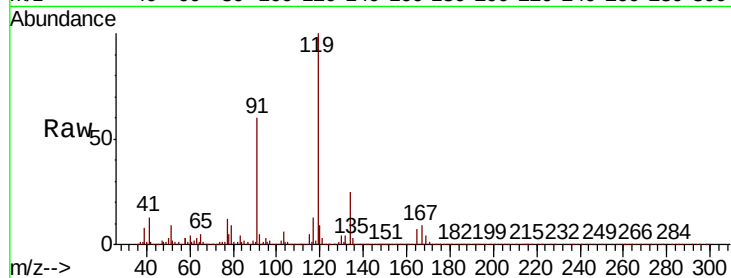




#83
 tert-Butylbenzene
 Concen: 55.250 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

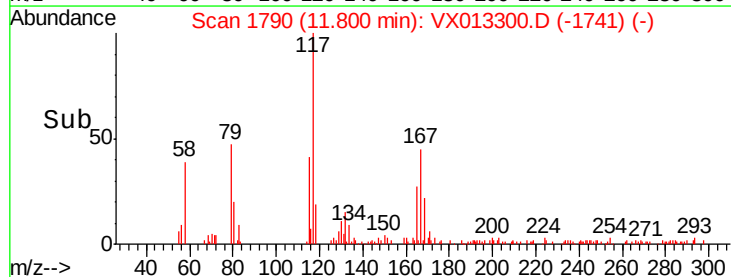
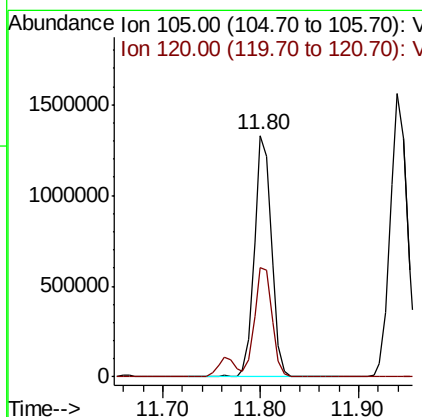
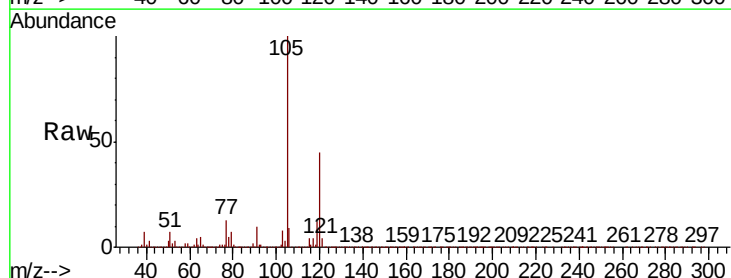
Instrument :
 MSVOA_X
 ClientSampleId :

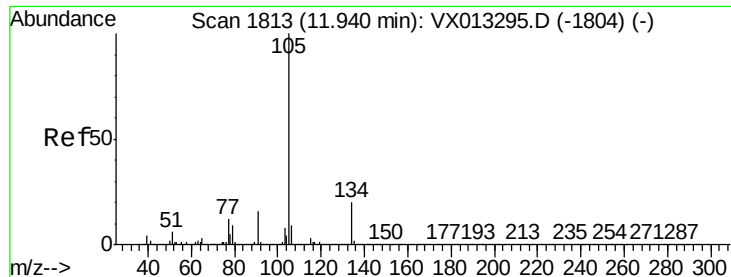
Tot Ion:119 Resp: 1609470
 Ion Ratio Lower Upper
 119 100
 91 54.7 26.9 80.7
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 55.395 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

Tgt Ion:105 Resp: 1608085
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 56.186 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

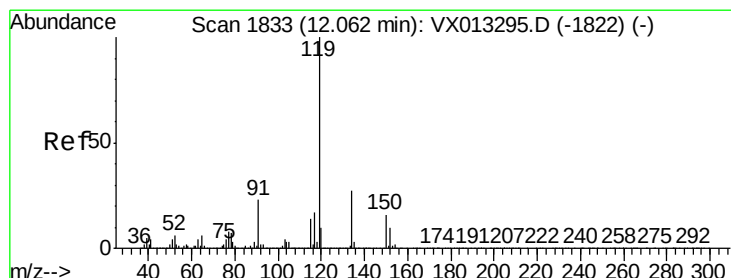
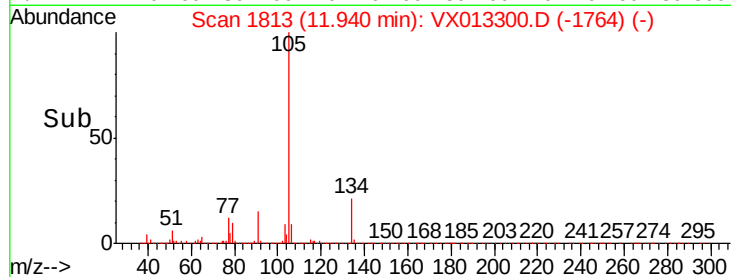
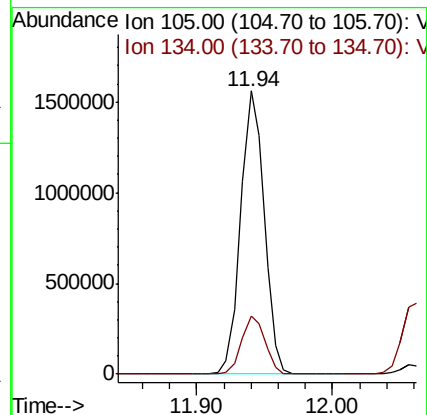
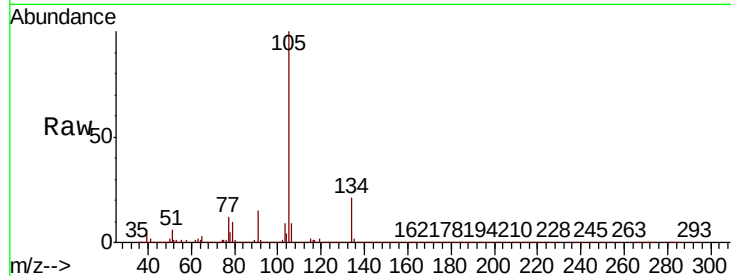
ClientSampleId :

Tot Ion:105 Resp: 1881102

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 57.185 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

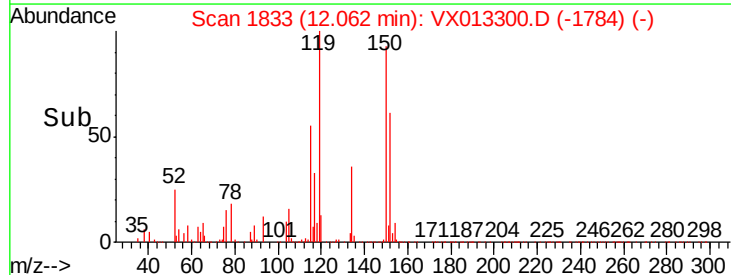
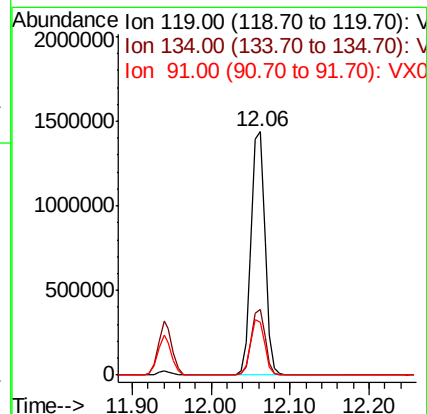
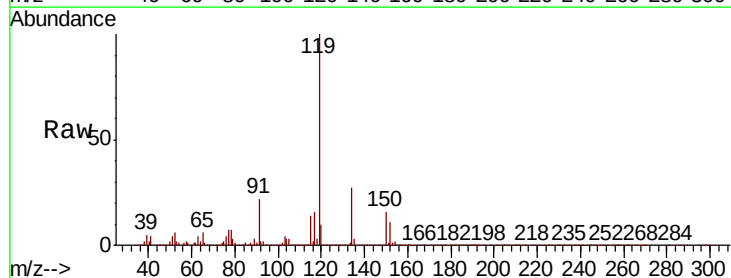
Tgt Ion:119 Resp: 1762967

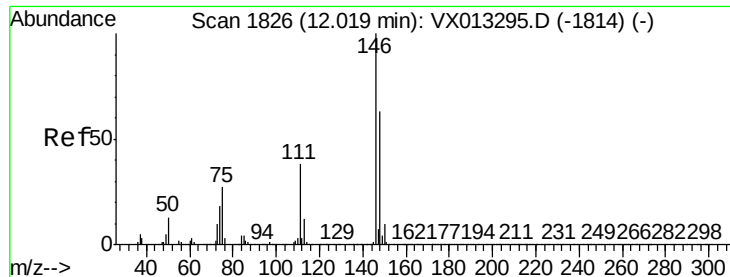
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.9 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 53.741 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

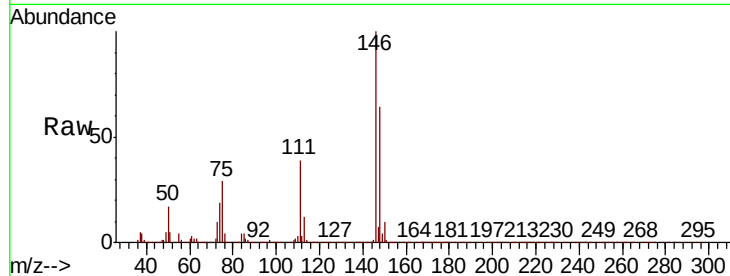
Tot Ion:146 Resp: 887240

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.5

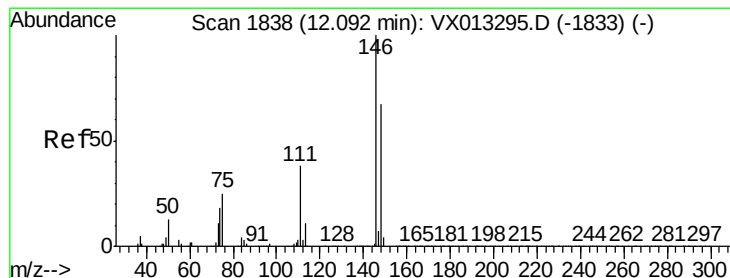
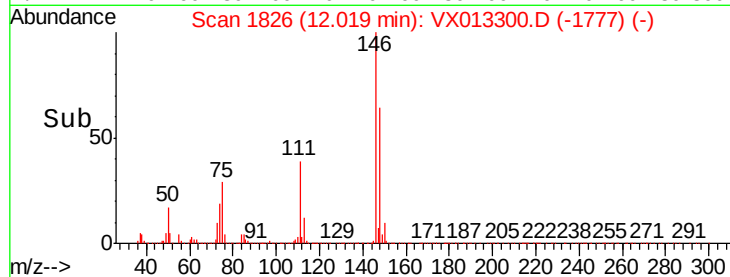
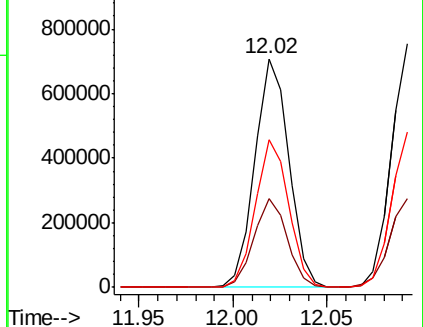
148 63.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 53.108 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013300.D

Acq: 01 Nov 2019 09:53

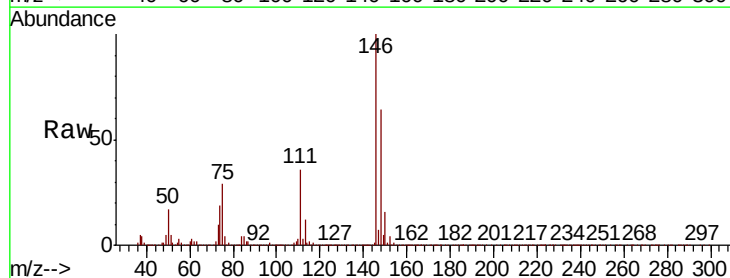
Tgt Ion:146 Resp: 893311

Ion Ratio Lower Upper

146 100

111 37.1 18.8 56.4

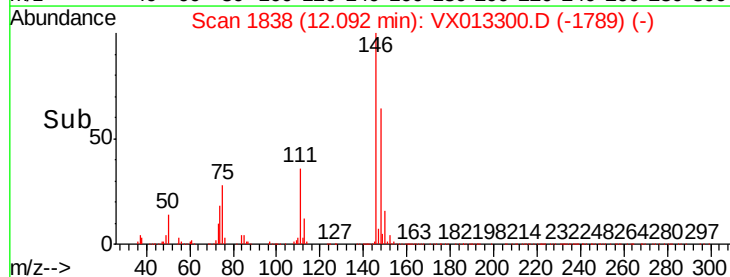
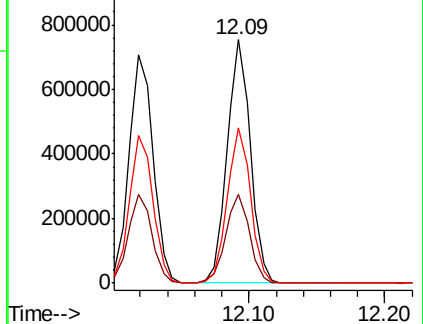
148 63.7 32.4 97.0

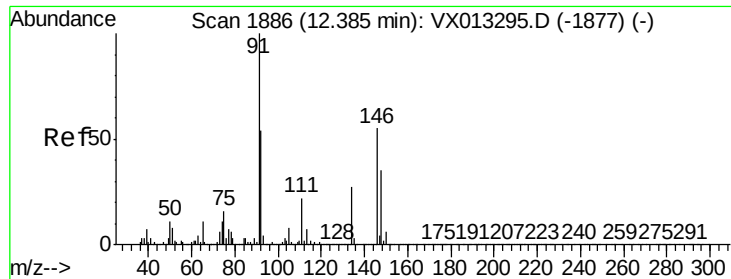


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

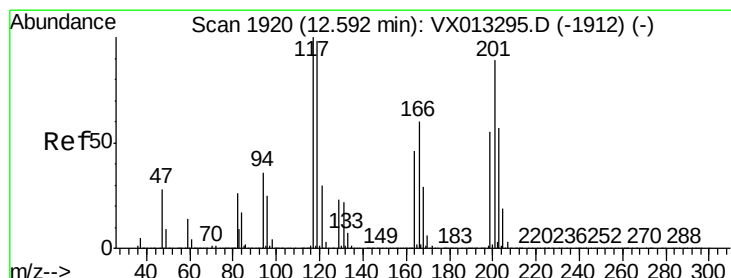
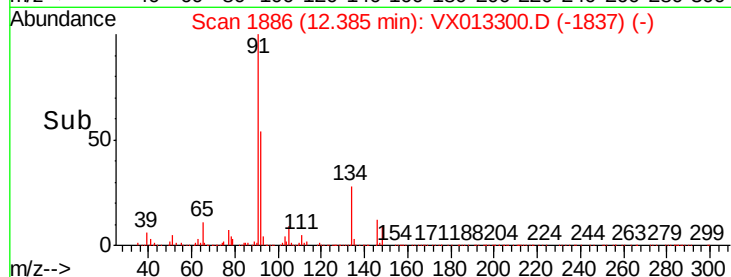
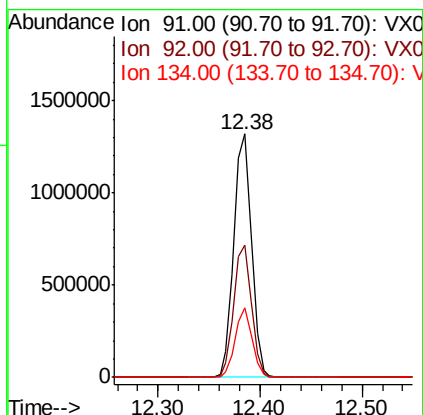
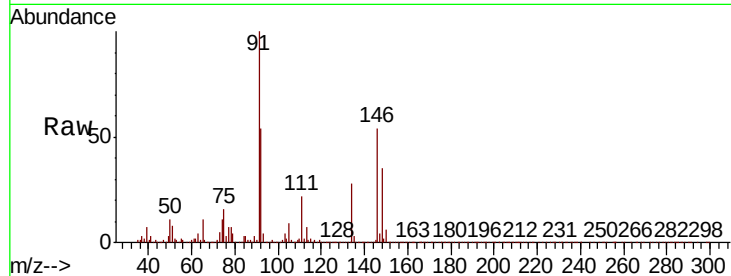




#89
n-Butylbenzene
Concen: 58.285 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

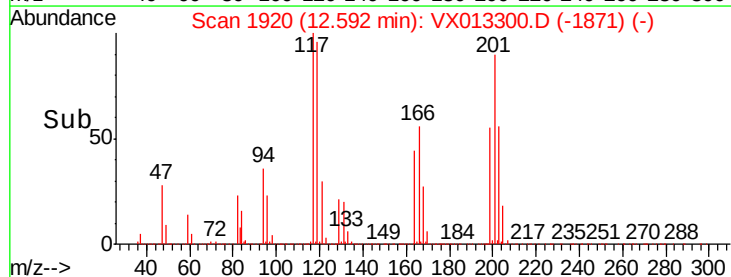
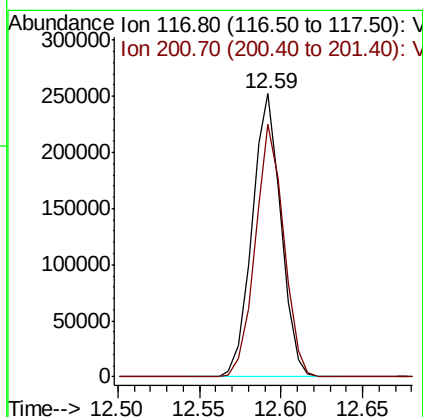
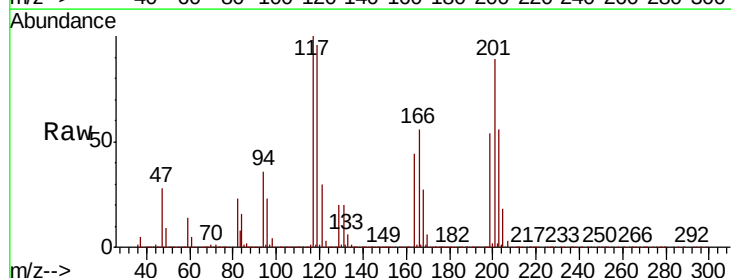
Instrument :
MSVOA_X
ClientSampleId :

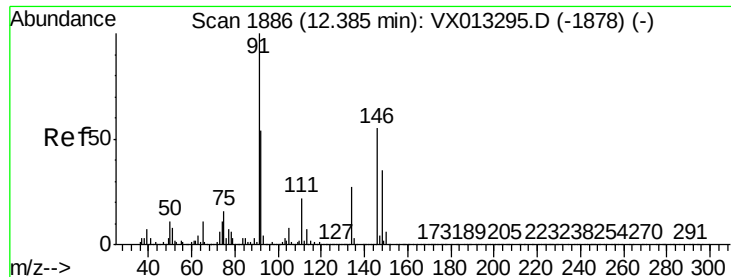
Tot Ion: 91 Resp: 1567902
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.8
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 56.500 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion: 117 Resp: 310343
Ion Ratio Lower Upper
117 100
201 88.4 43.9 131.7

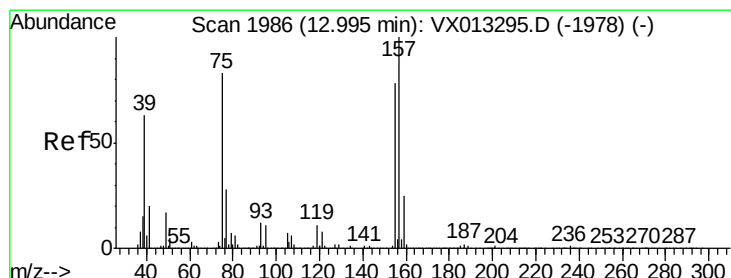
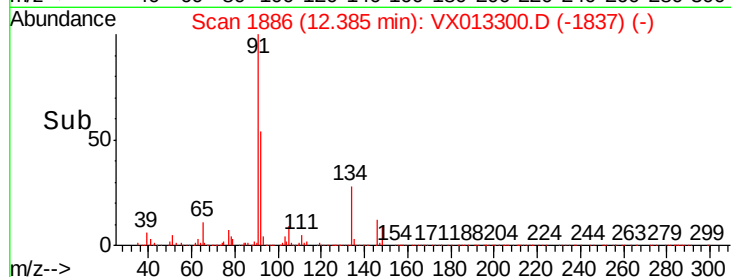
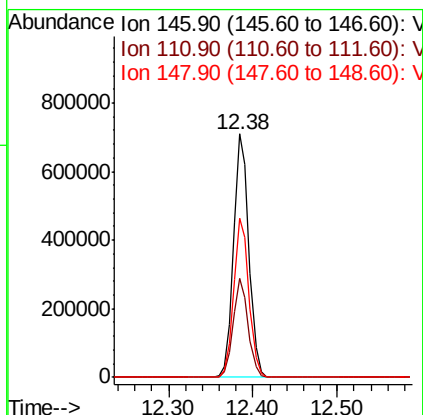
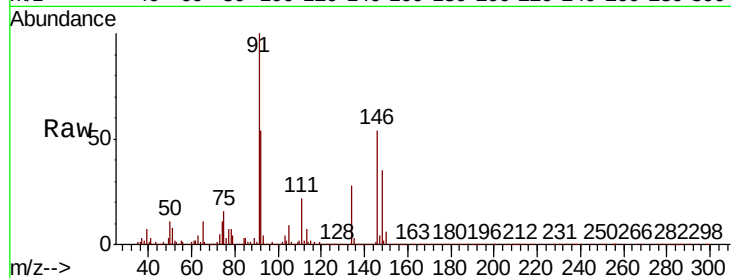




#91
 1,2-Dichlorobenzene
 Concen: 52.918 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

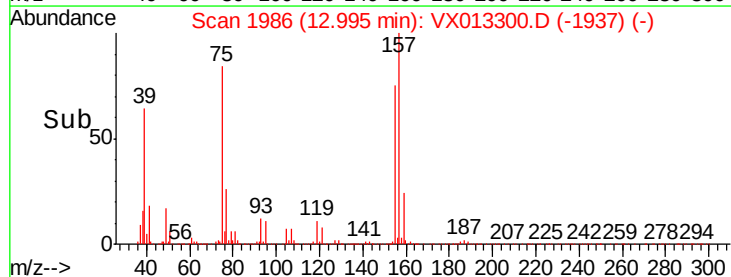
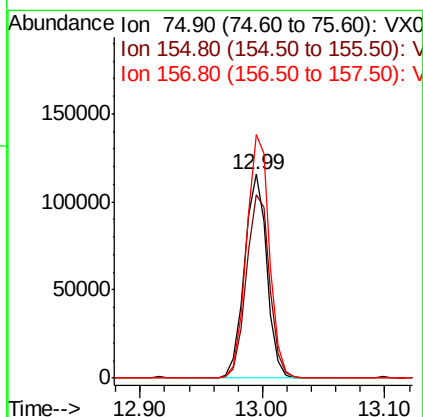
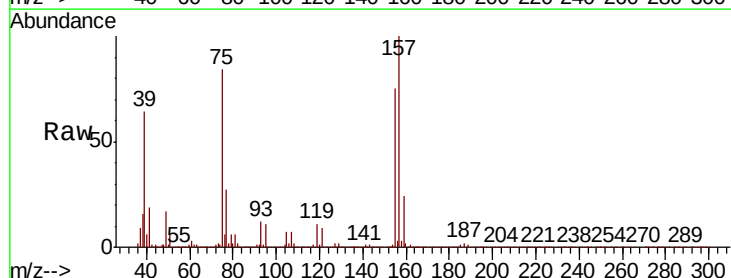
Instrument :
 MSVOA_X
 ClientSampleId :

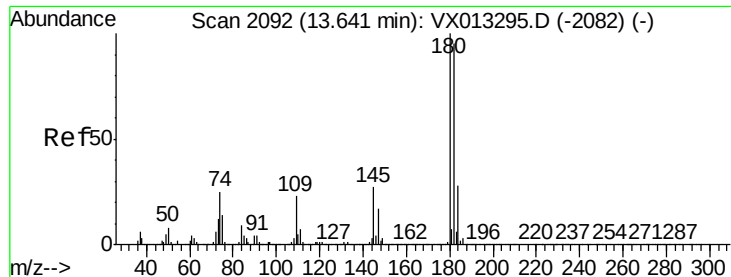
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	64.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.520 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	47.1	141.4
157	121.6	61.3	183.8

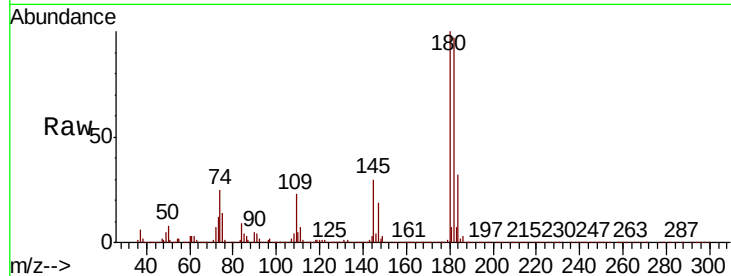




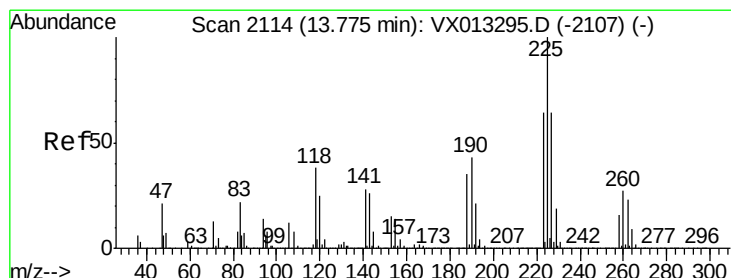
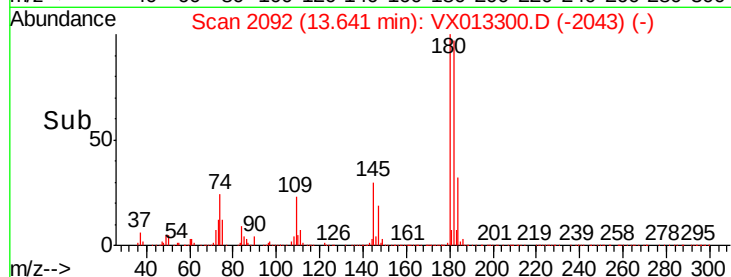
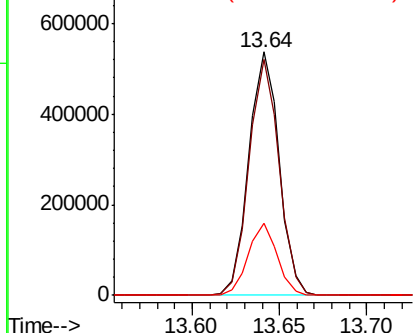
#93
 1,2,4-Trichlorobenzene
 Concen: 56.091 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.4	145.0
145	28.6	14.1	42.4

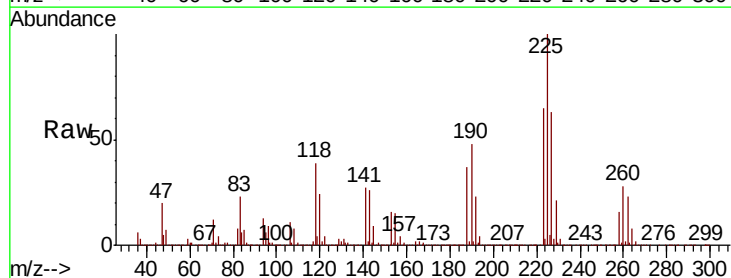


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

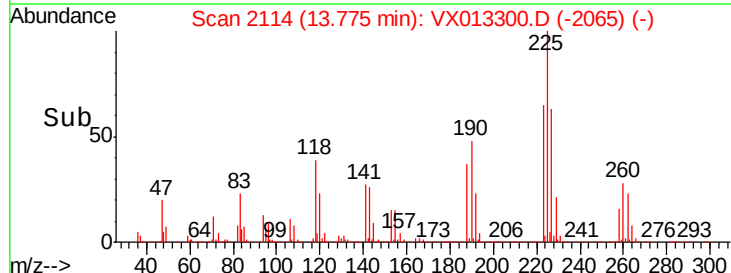
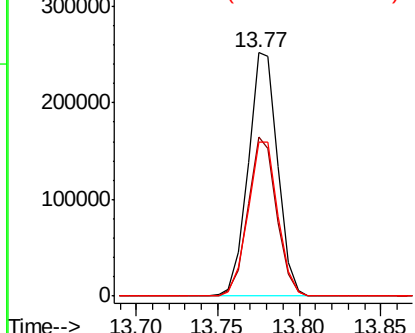


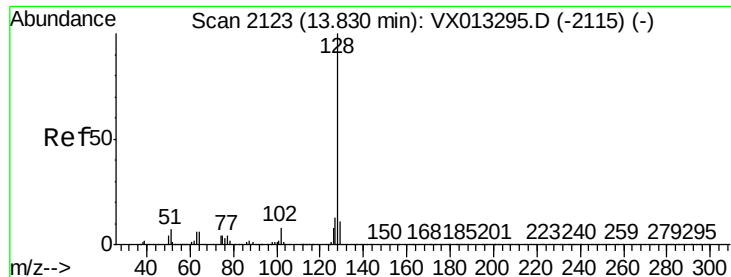
#94
 Hexachlorobutadiene
 Concen: 56.407 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013300.D
 Acq: 01 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.9	95.7
227	64.1	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

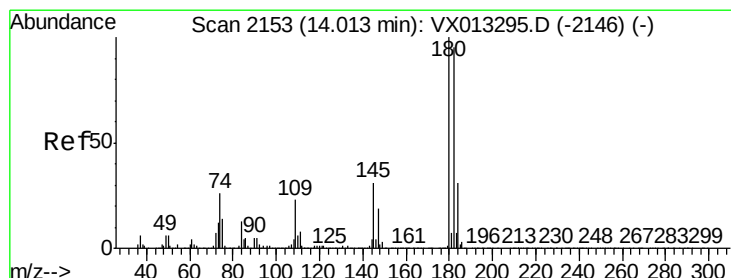
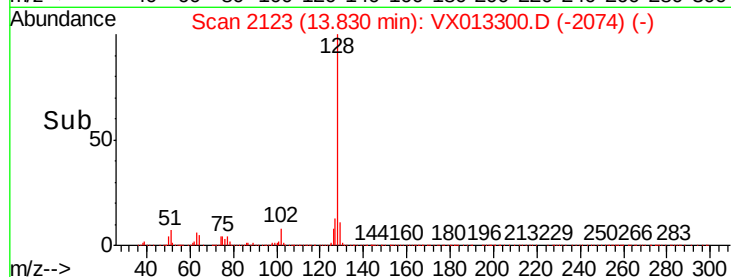
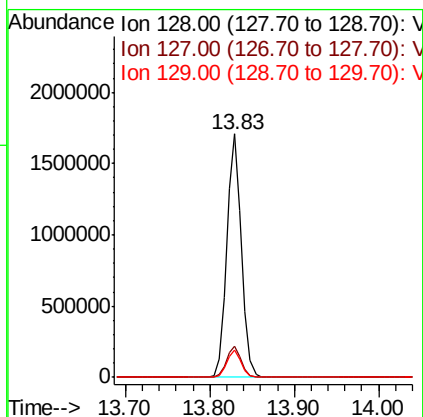
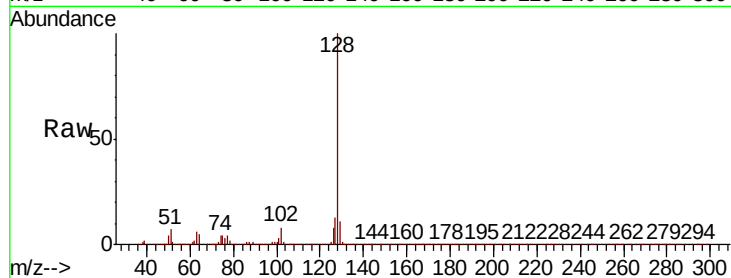




#95
Naphthalene
Concen: 56.059 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 2024674
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 55.330 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013300.D
Acq: 01 Nov 2019 09:53

Tgt Ion:180 Resp: 638756
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.2
145 30.0 15.4 46.4

