

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103119\
 Data File : VX013295.D
 Acq On : 31 Oct 2019 17:29
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 06:41:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	713478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1083905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1000740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	512345	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	417722	53.56	ug/l	0.00
Spiked Amount			Recovery	=	107.12%	
35) Dibromofluoromethane	5.48	113	338364	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	1299485	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	462066	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	428725	62.783	ug/l	100
3) Chloromethane	1.31	50	460081	65.702	ug/l	100
4) Vinyl Chloride	1.40	62	537293	73.309	ug/l	100
5) Bromomethane	1.62	94	352783	78.868	ug/l	100
6) Chloroethane	1.70	64	294291	64.248	ug/l	100
7) Trichlorofluoromethane	1.92	101	590507	51.785	ug/l	100
8) Diethyl Ether	2.17	74	266120	63.948	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	329656	50.605	ug/l	100
10) Methyl Iodide	2.50	142	432921	51.381	ug/l	100
11) Tert butyl alcohol	3.04	59	519222	280.050	ug/l	100
12) 1,1-Dichloroethene	2.36	96	334191	52.194	ug/l	100
13) Acrolein	2.28	56	312293	290.946	ug/l	100
14) Allyl chloride	2.72	41	602235	61.998	ug/l	100
15) Acrylonitrile	3.13	53	1091912	293.423	ug/l	100
16) Acetone	2.43	43	1080458	301.126	ug/l	100
17) Carbon Disulfide	2.56	76	896530	54.188	ug/l	100
18) Methyl Acetate	2.76	43	605849	70.151	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1137664	54.277	ug/l	100
20) Methylene Chloride	2.84	84	376225	51.100	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	358949	52.547	ug/l	100
22) Diisopropyl ether	3.84	45	1199128	58.992	ug/l	100
23) Vinyl Acetate	3.80	43	5145310	300.521	ug/l	100
24) 1,1-Dichloroethane	3.69	63	648048	55.596	ug/l	100
25) 2-Butanone	4.66	43	1631783	314.492	ug/l	100
26) 2,2-Dichloropropane	4.57	77	518500	54.625	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	410960	51.837	ug/l	100
28) Bromochloromethane	5.00	49	186070	36.455	ug/l	100
29) Tetrahydrofuran	5.12	42	1026924	312.068	ug/l	100
30) Chloroform	5.20	83	645687	51.926	ug/l	100
31) Cyclohexane	5.57	56	573982	54.114	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	555777	52.031	ug/l	100
36) 1,1-Dichloropropene	5.79	75	486539	53.700	ug/l	100
37) Ethyl Acetate	4.82	43	599902	62.767	ug/l	100
38) Carbon Tetrachloride	5.78	117	478193	51.322	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	583001	50.296	ug/l	100
40) Benzene	6.13	78	1468761	53.068	ug/l	100
41) Methacrylonitrile	5.03	41	331985	60.657	ug/l	100
42) 1,2-Dichloroethane	6.18	62	545167	55.699	ug/l	100
43) Isopropyl Acetate	6.43	43	947863	60.482	ug/l	100
44) Trichloroethene	7.20	130	398348	49.275	ug/l	100
45) 1,2-Dichloropropane	7.51	63	377784	53.420	ug/l	100
46) Dibromomethane	7.65	93	257074	51.449	ug/l	100
47) Bromodichloromethane	7.89	83	501038	55.617	ug/l	100
48) Methyl methacrylate	7.76	41	485324	62.830	ug/l	100
49) 1,4-Dioxane	7.73	88	213429	1033.481	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	3121152	307.112	ug/l	100
52) Toluene	8.78	92	922059	51.118	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	561874	57.812	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	611828	56.807	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	383083	51.450	ug/l	100
56) Ethyl methacrylate	9.17	69	619022	56.335	ug/l	100
57) 1,3-Dichloropropane	9.37	76	648307	54.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1385610	266.762	ug/l	100
59) 2-Hexanone	9.49	43	2448729	311.322	ug/l	100
60) Dibromochloromethane	9.57	129	408784	54.422	ug/l	100
61) 1,2-Dibromoethane	9.67	107	410946	52.127	ug/l	100
64) Tetrachloroethene	9.33	164	353449	45.352	ug/l	100
65) Chlorobenzene	10.14	112	1002912	48.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	378719	52.214	ug/l	100
67) Ethyl Benzene	10.25	91	1786863	50.840	ug/l	100
68) m/p-Xylenes	10.35	106	1370719	101.680	ug/l	100
69) o-Xylene	10.70	106	657641	50.154	ug/l	100
70) Styrene	10.71	104	1138891	52.030	ug/l	100
71) Bromoform	10.85	173	318144	54.734	ug/l	100
73) Isopropylbenzene	11.01	105	1748940	50.155	ug/l	100
74) N-amyl acetate	10.89	43	859062	62.045	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	628355	54.308	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	718454	76.546	ug/l	79
77) Bromobenzene	11.25	156	460884	48.226	ug/l	100
78) n-propylbenzene	11.35	91	2002043	51.854	ug/l	100
79) 2-Chlorotoluene	11.42	91	1172533	50.627	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1476757	50.834	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	213269	60.374	ug/l	100
82) 4-Chlorotoluene	11.51	91	1367383	50.733	ug/l	100
83) tert-Butylbenzene	11.76	119	1507774	52.438	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1497854	51.078	ug/l	100
85) sec-Butylbenzene	11.94	105	1705038	51.014	ug/l	100
86) p-Isopropyltoluene	12.06	119	1592195	51.484	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	822267	49.488	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	816859	48.102	ug/l	100
89) n-Butylbenzene	12.39	91	1399434	52.793	ug/l	100
90) Hexachloroethane	12.59	117	280303	56.426	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	817371	49.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	149985	60.759	ug/l	100

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QLast Update : Sat Nov 02 06:36:48 2019
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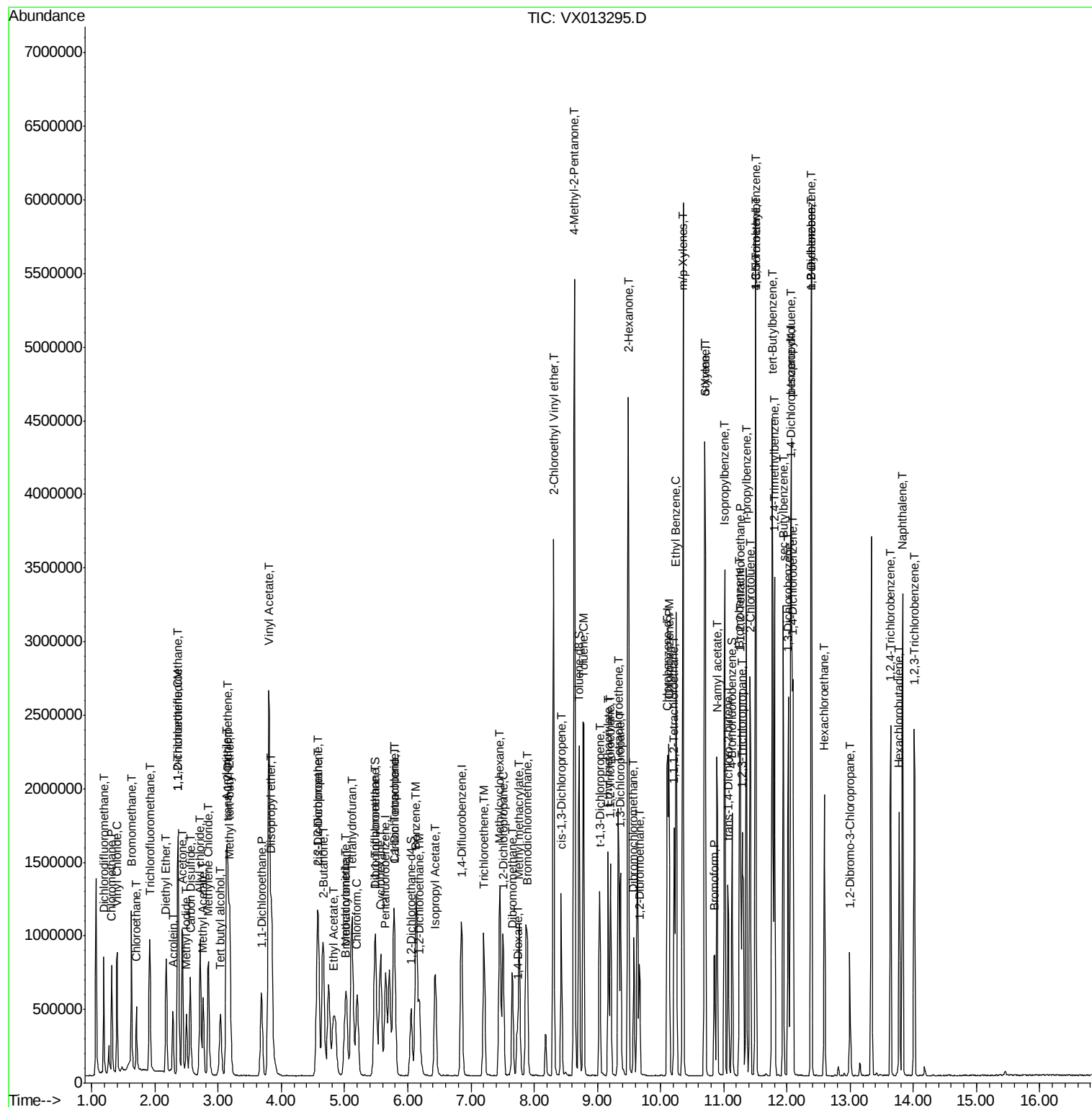
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	579093	51.721	ug/l	100
94) Hexachlorobutadiene	13.78	225	275841	49.832	ug/l	100
95) Naphthalene	13.83	128	1935744	57.467	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	586773	52.457	ug/l	100

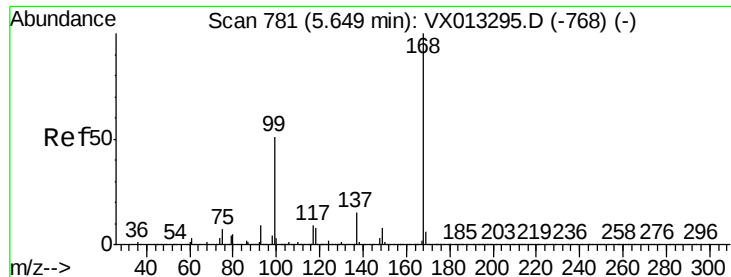
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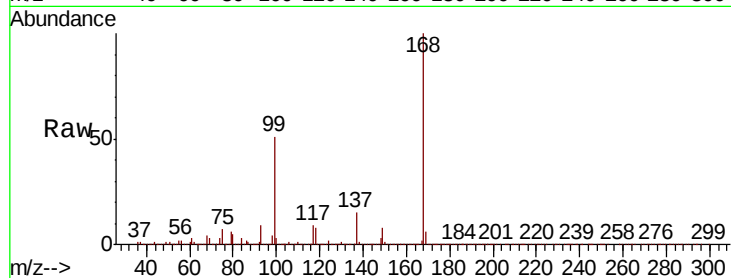




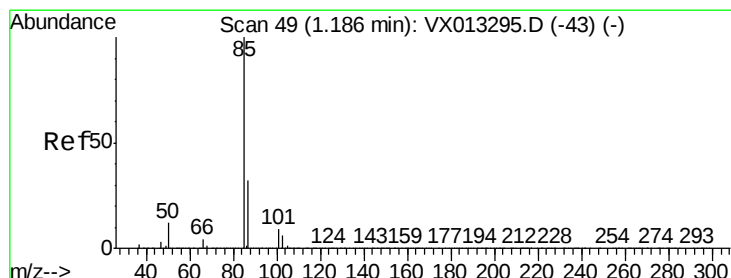
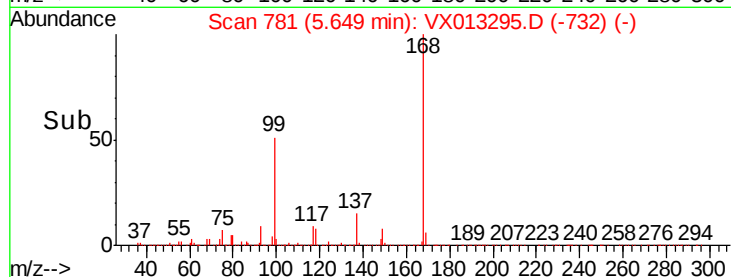
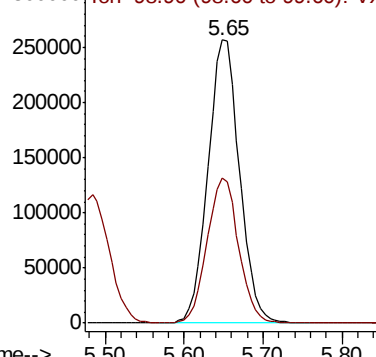
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 713478
Ion Ratio Lower Upper
168 100
99 51.0 40.8 61.2

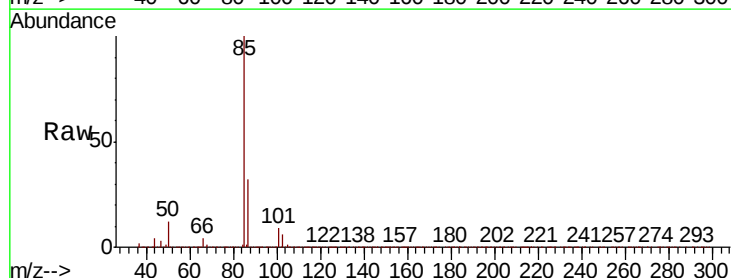


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

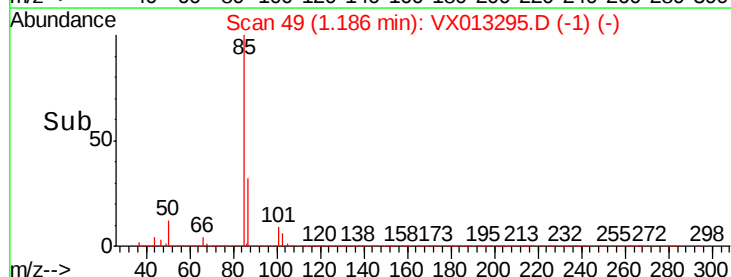
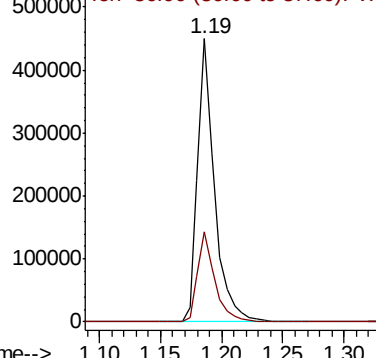


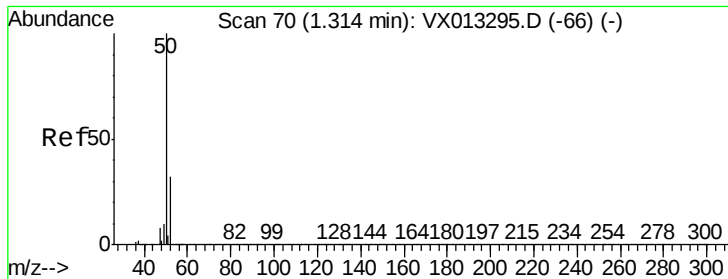
#2
Dichlorodifluoromethane
Concen: 62.783 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 85 Resp: 428725
Ion Ratio Lower Upper
85 100
87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0
Ion 86.90 (86.60 to 87.60): VX0

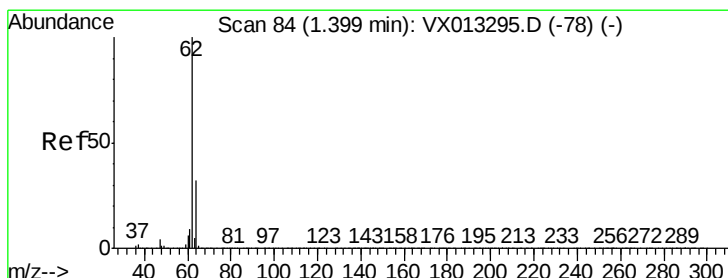
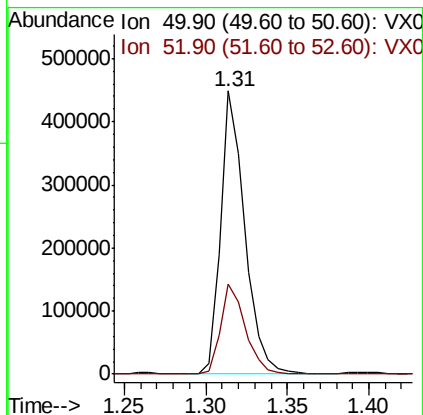
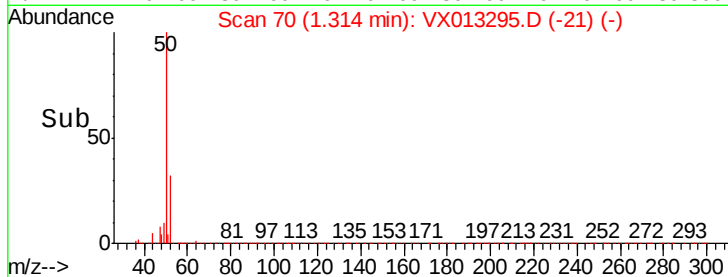
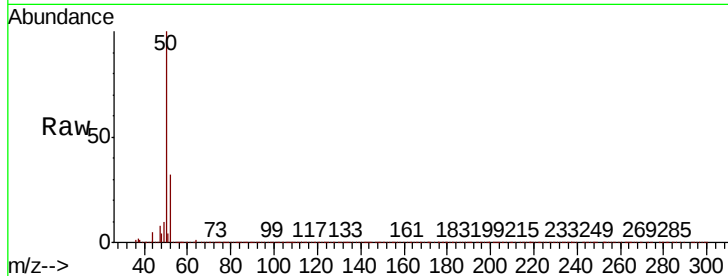




#3
Chloromethane
Concen: 65.702 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

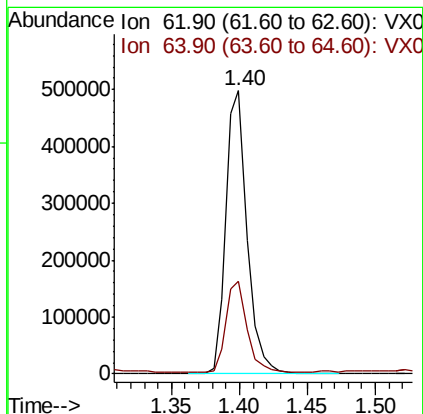
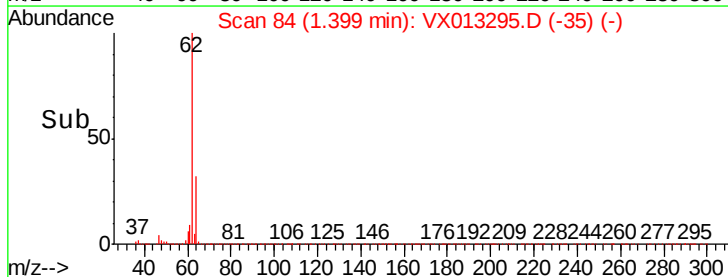
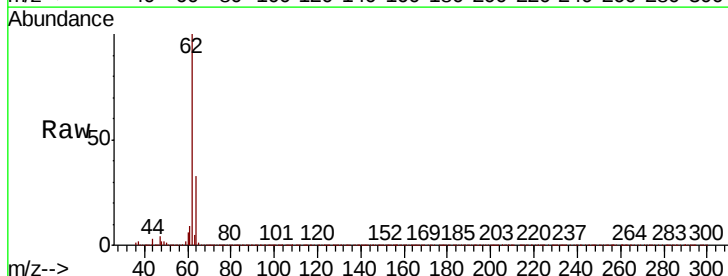
Instrument :
MSVOA_X
ClientSampleId :

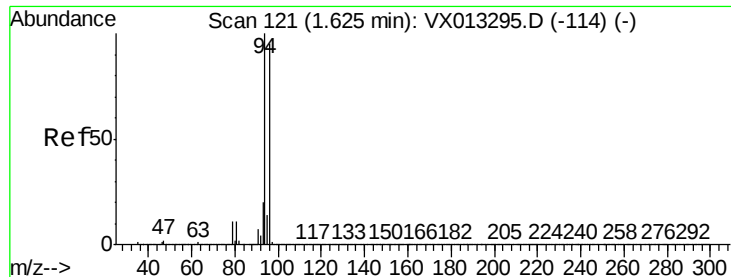
Tot Ion: 50 Resp: 460081
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 73.309 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 62 Resp: 537293
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5

Bromomethane

Concen: 78.868 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

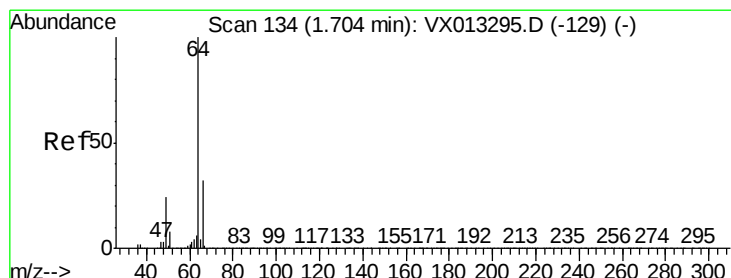
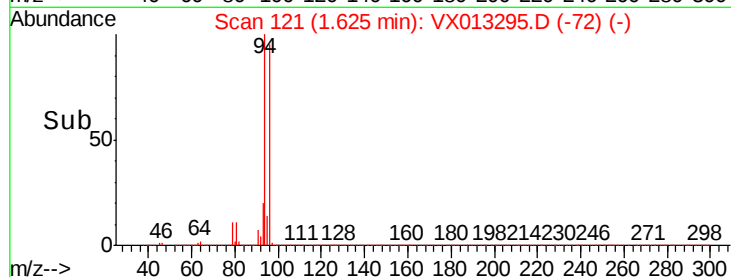
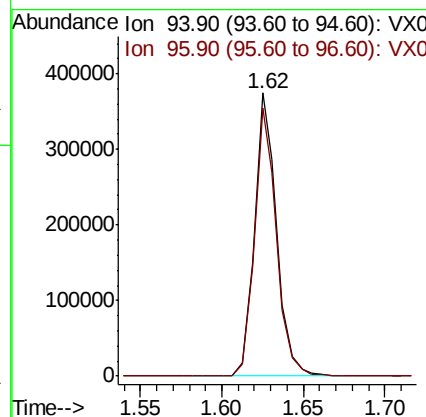
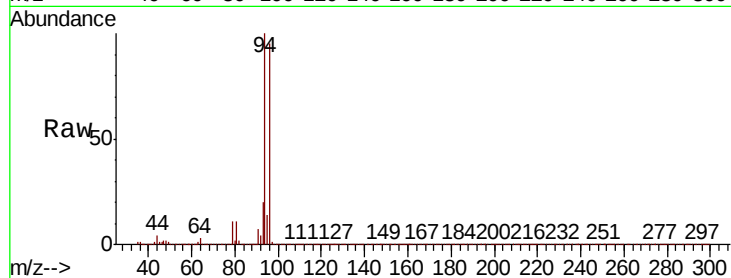
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 352783

Ion Ratio Lower Upper

94 100

96 94.8 75.8 113.8



#6

Chloroethane

Concen: 64.248 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013295.D

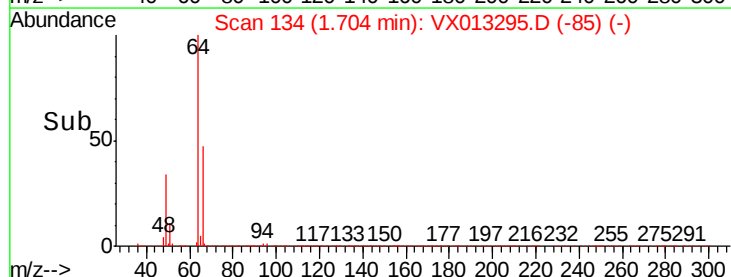
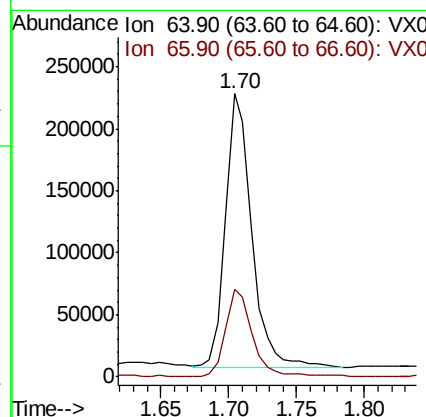
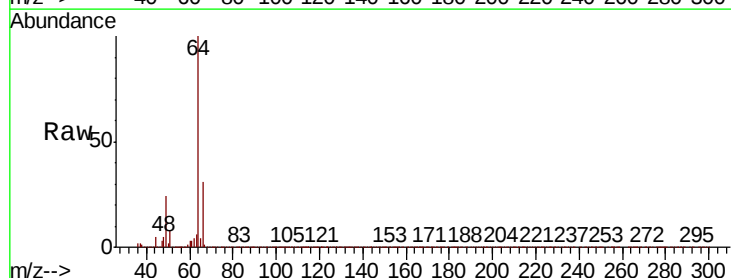
Acq: 31 Oct 2019 17:29

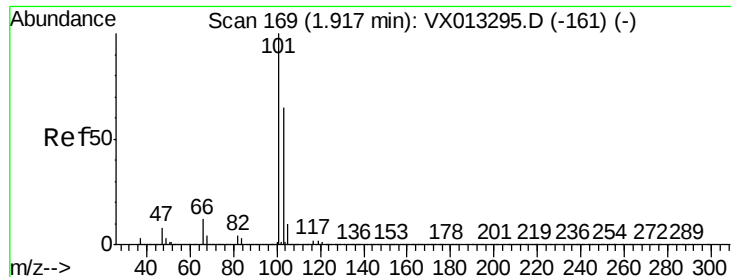
Tgt Ion: 64 Resp: 294291

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



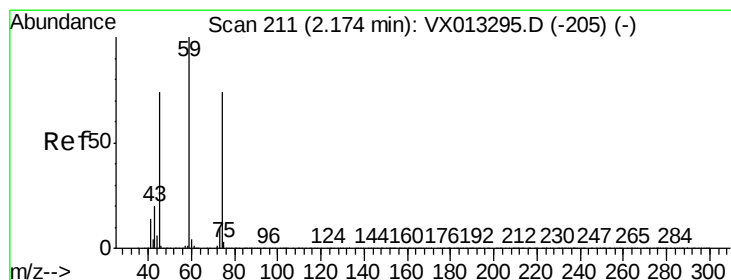
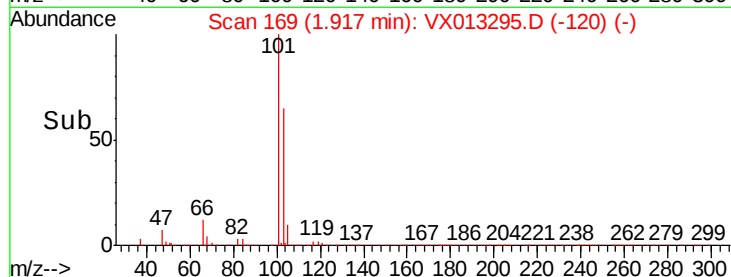
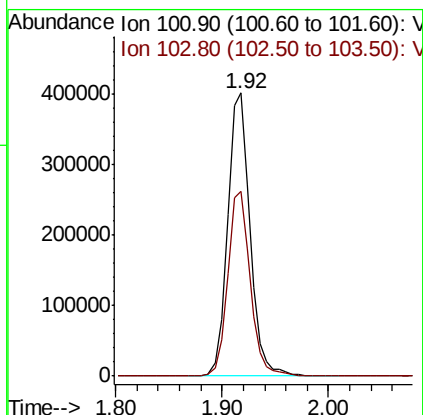
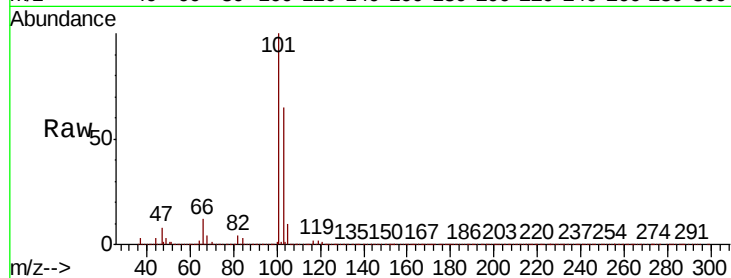


#7

Trichlorofluoromethane
Concen: 51.785 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :

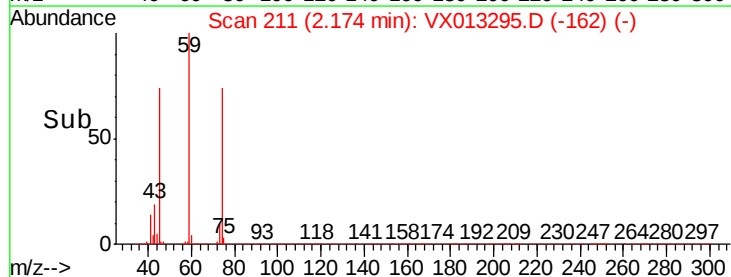
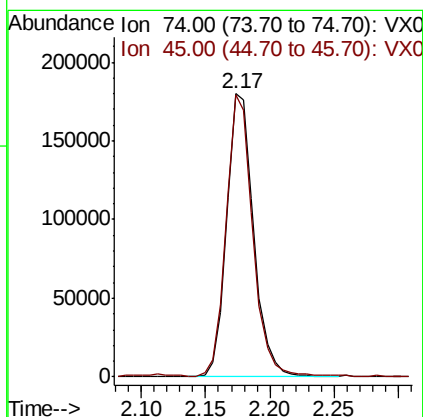
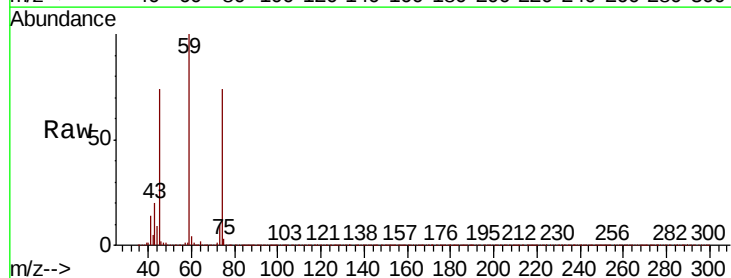
Tot Ion:101 Resp: 590507
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

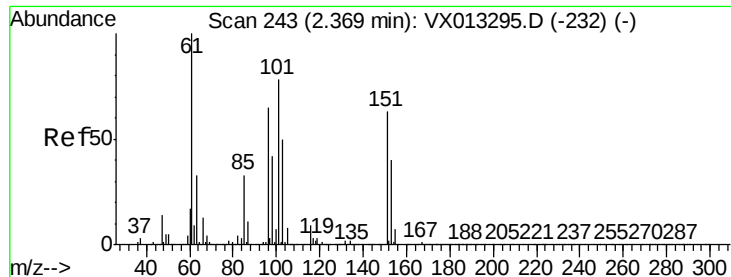


#8

Diethyl Ether
Concen: 63.948 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 74 Resp: 266120
Ion Ratio Lower Upper
74 100
45 97.1 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.605 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

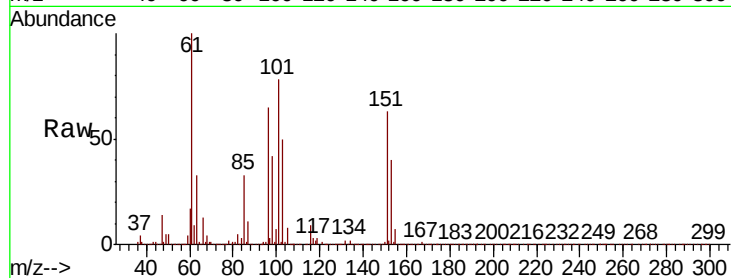
Tot Ion:101 Resp: 329656

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

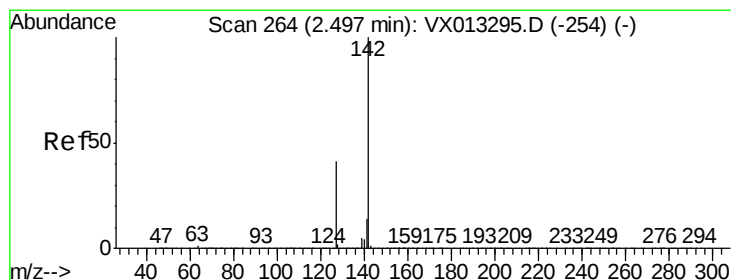
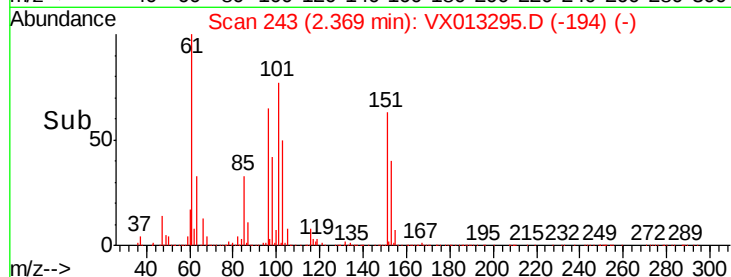
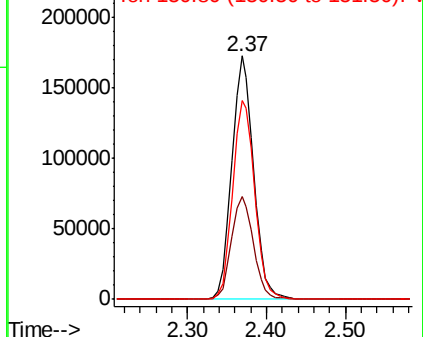
151 83.0 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.381 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

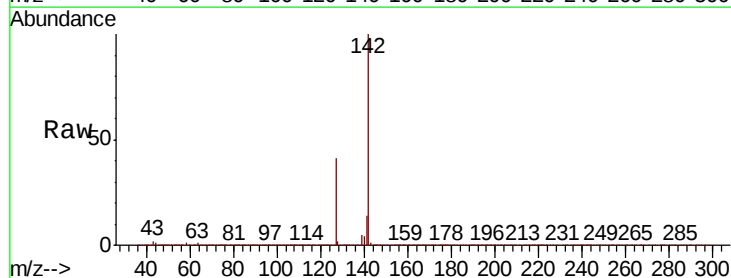
Tgt Ion:142 Resp: 432921

Ion Ratio Lower Upper

142 100

127 40.8 32.6 49.0

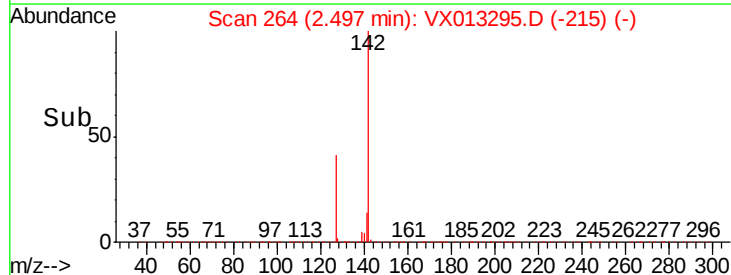
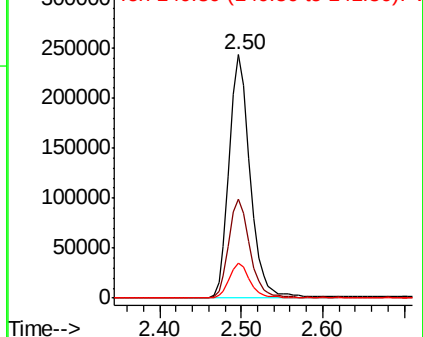
141 14.5 11.6 17.4

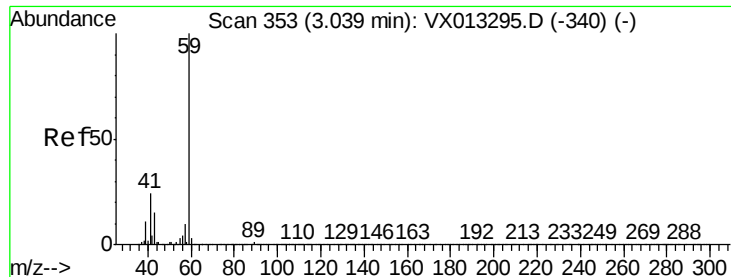


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



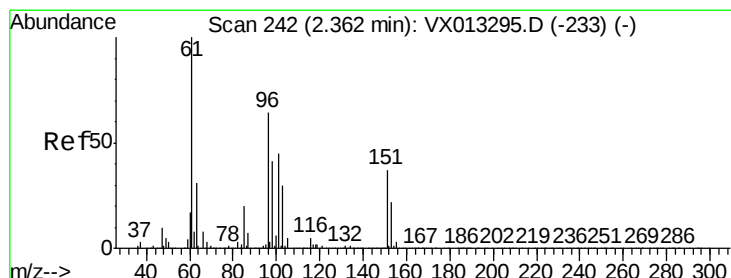
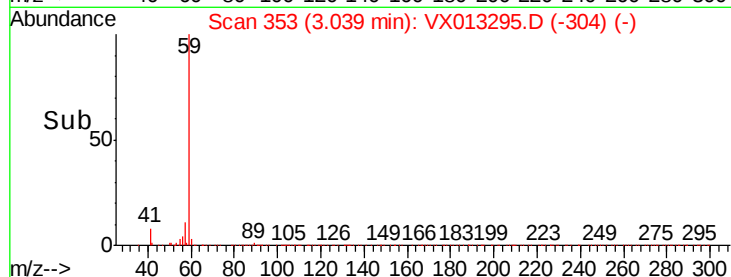
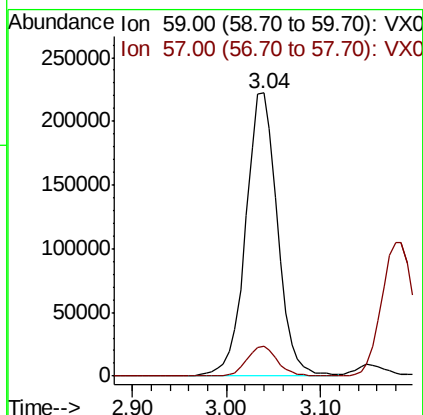
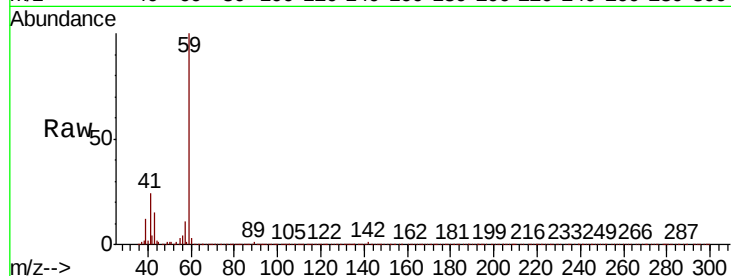


#11

Tert butyl alcohol
Concen: 280.050 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampled :

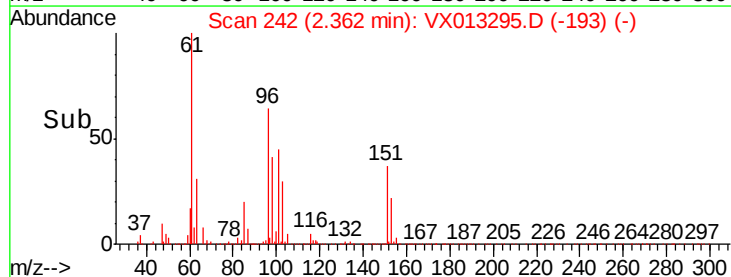
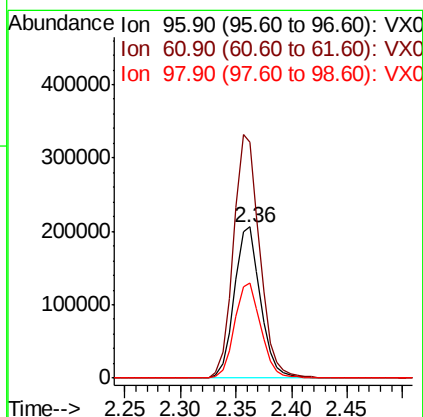
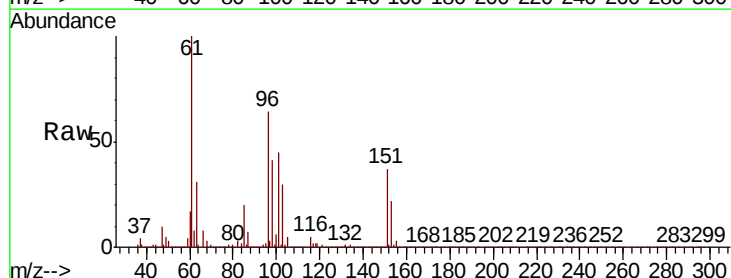
Tot Ion: 59 Resp: 519222
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

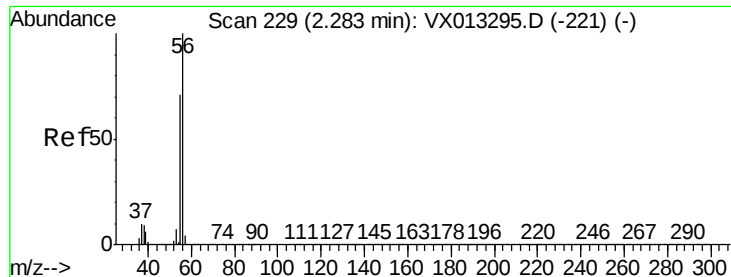


#12

1,1-Dichloroethene
Concen: 52.194 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 96 Resp: 334191
Ion Ratio Lower Upper
96 100
61 156.3 125.0 187.6
98 63.4 50.7 76.1

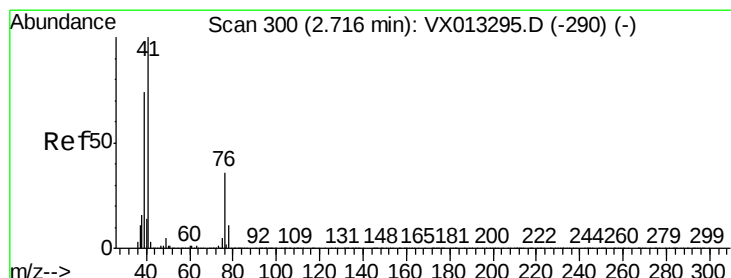
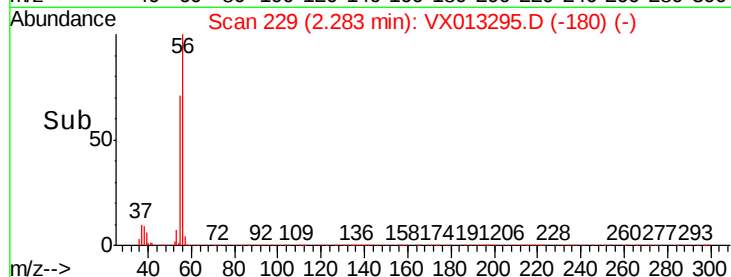
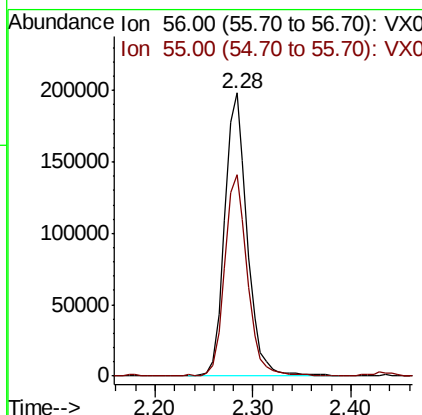
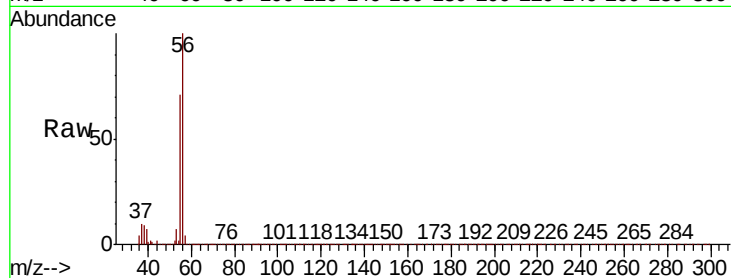




#13
Acrolein
Concen: 290.946 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

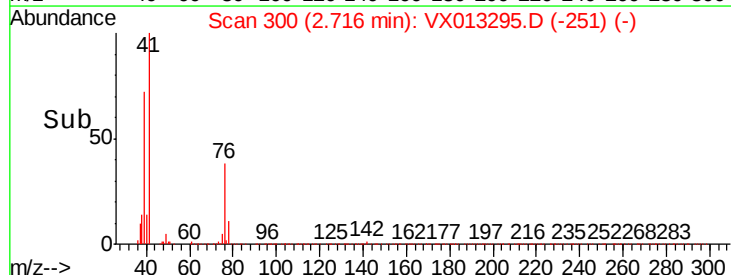
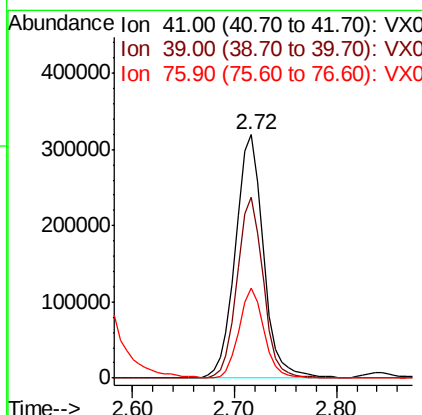
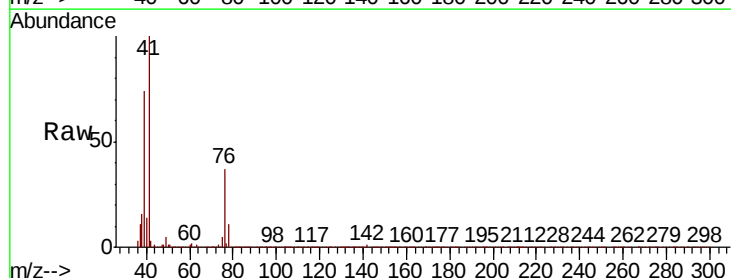
Instrument :
MSVOA_X
ClientSampleId :

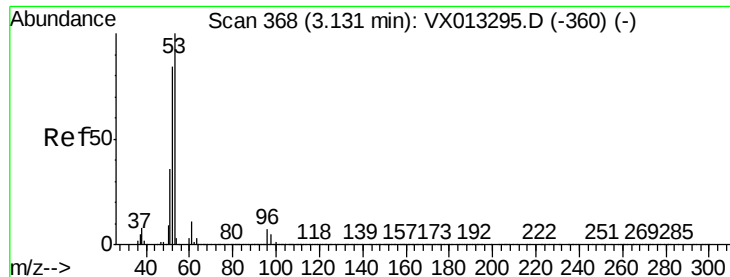
Tot Ion: 56 Resp: 312293
Ion Ratio Lower Upper
56 100
55 71.7 57.4 86.0



#14
Allyl chloride
Concen: 61.998 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 41 Resp: 602235
Ion Ratio Lower Upper
41 100
39 69.8 55.8 83.8
76 33.0 26.4 39.6





#15

Acrylonitrile

Concen: 293.423 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

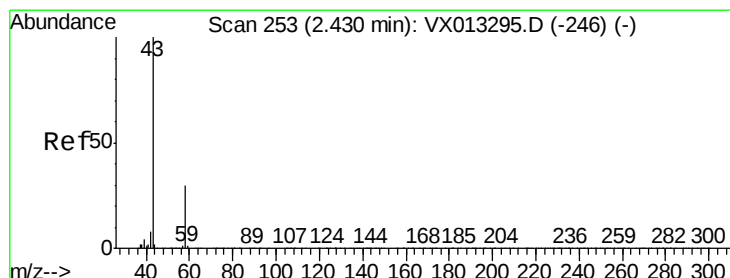
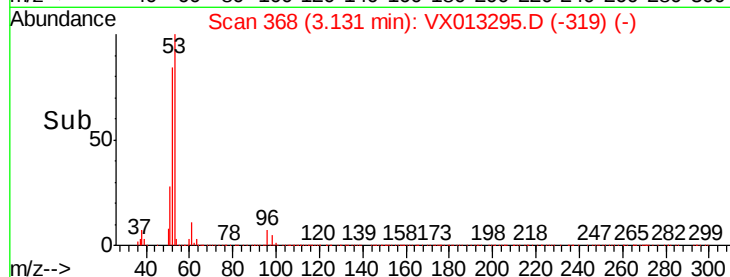
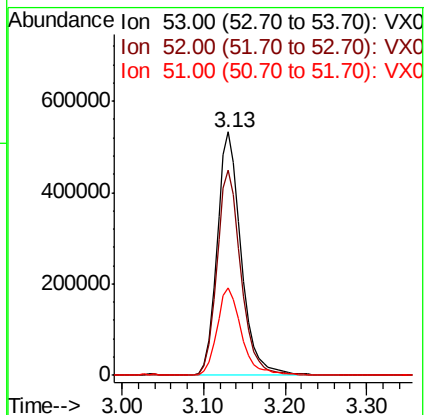
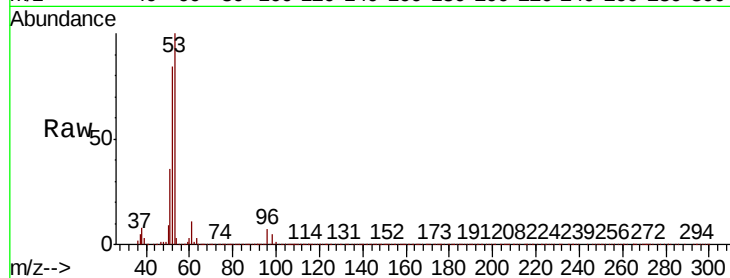
Tot Ion: 53 Resp: 1091912

Ion Ratio Lower Upper

53 100

52 84.2 67.4 101.0

51 36.8 29.4 44.2



#16

Acetone

Concen: 301.126 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013295.D

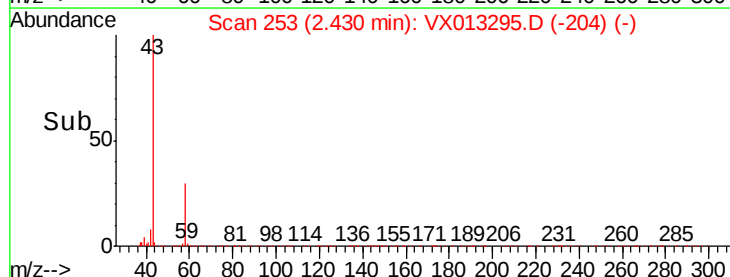
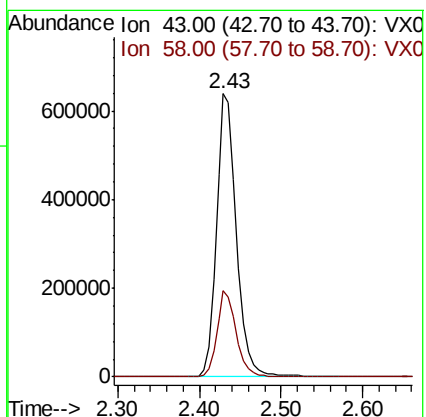
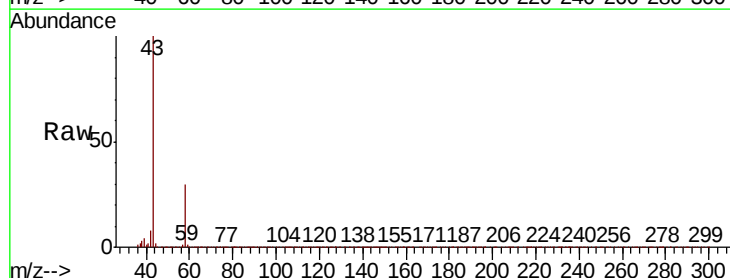
Acq: 31 Oct 2019 17:29

Tgt Ion: 43 Resp: 1080458

Ion Ratio Lower Upper

43 100

58 30.4 24.3 36.5





#17

Carbon Disulfide

Concen: 54.188 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

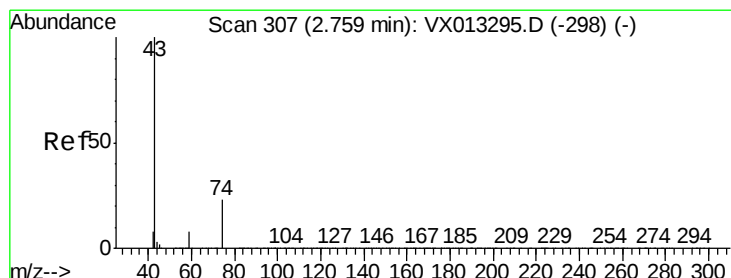
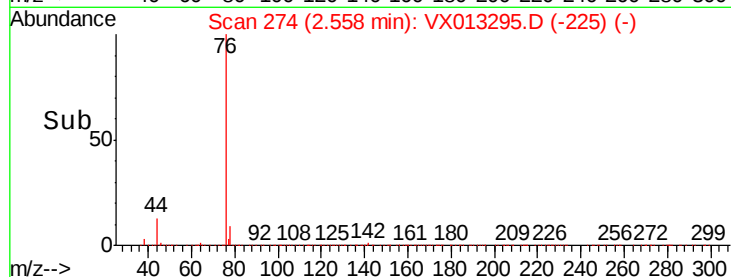
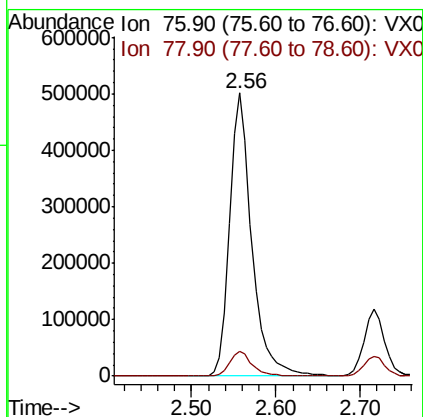
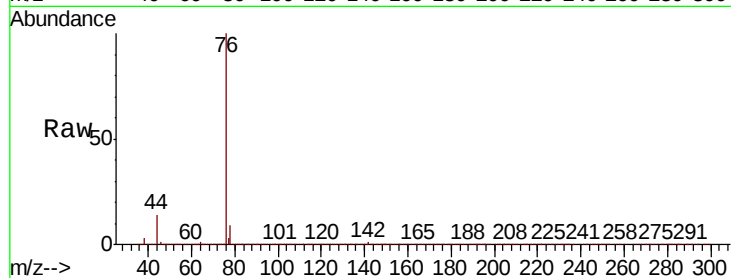
ClientSampleId :

Tot Ion: 76 Resp: 896530

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 70.151 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013295.D

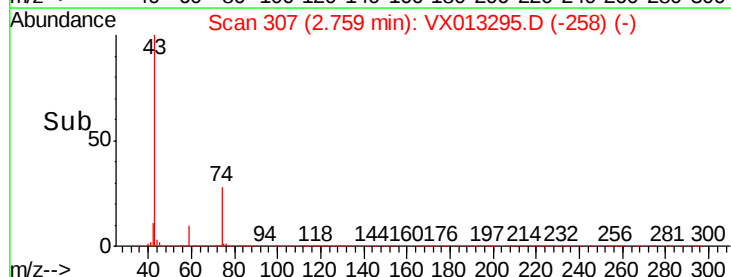
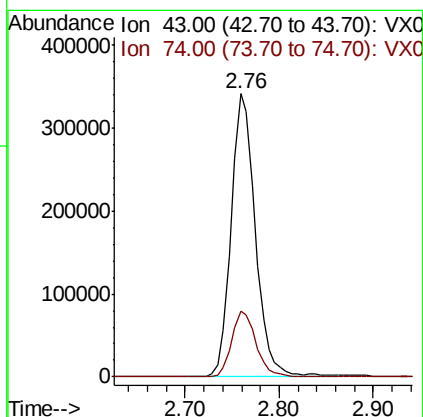
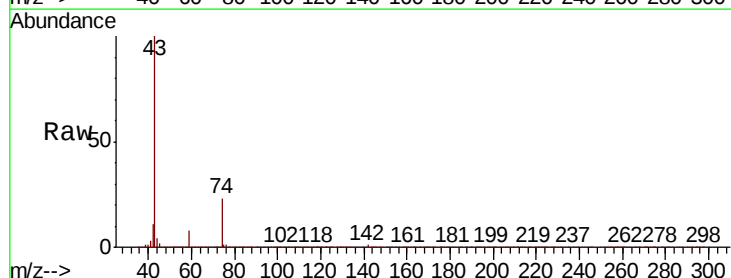
Acq: 31 Oct 2019 17:29

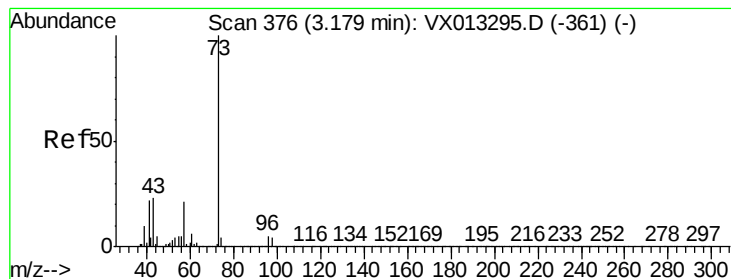
Tgt Ion: 43 Resp: 605849

Ion Ratio Lower Upper

43 100

74 23.8 19.0 28.6



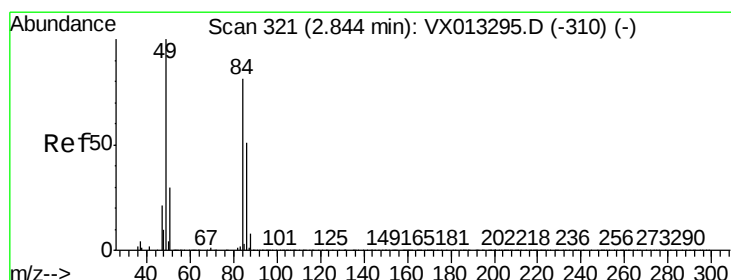
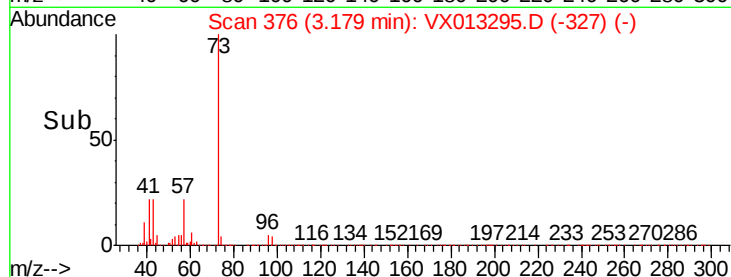
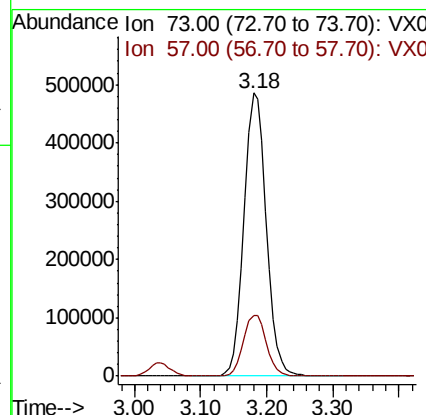
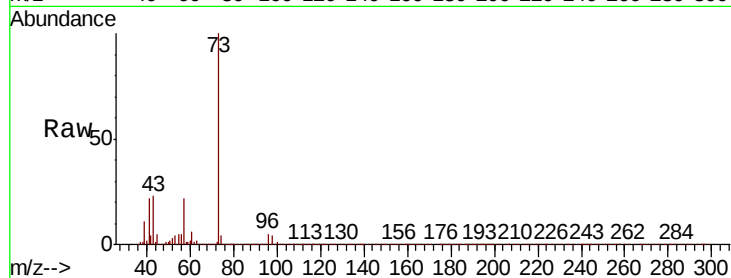


#19

Methyl tert-butyl Ether
 Concen: 54.277 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Instrument :
 MSVOA_X
 ClientSampled :

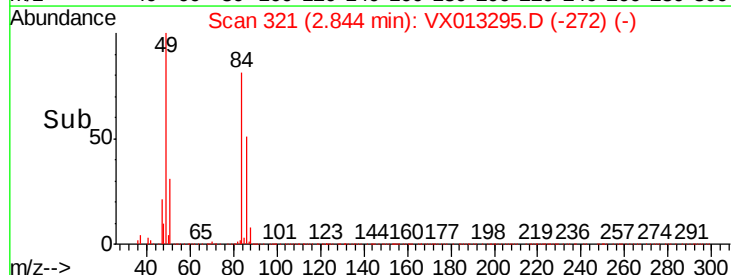
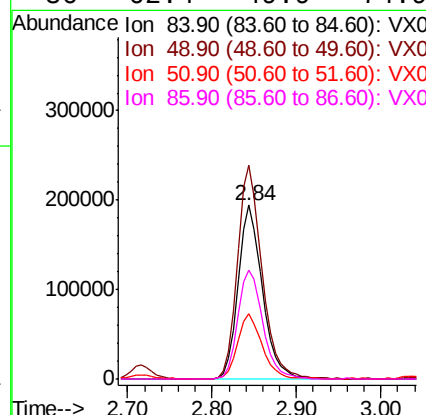
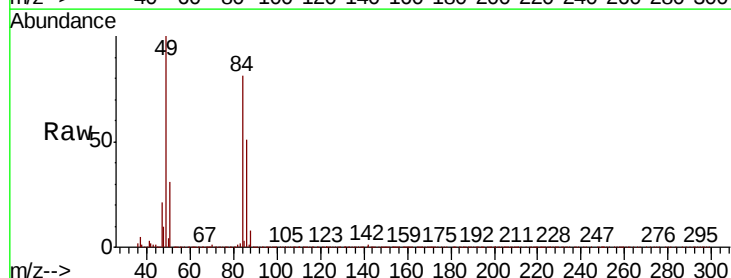
Tot Ion: 73 Resp: 1137664
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.1 25.7

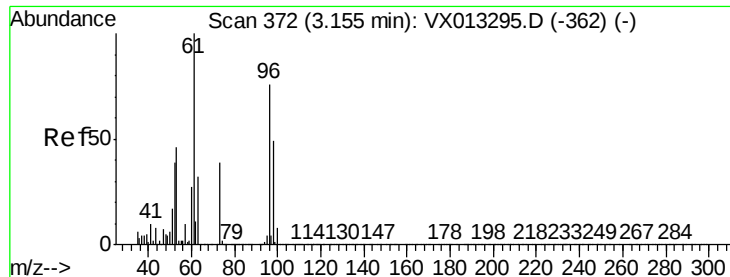


#20

Methylene Chloride
 Concen: 51.100 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion: 84 Resp: 376225
 Ion Ratio Lower Upper
 84 100
 49 122.8 98.2 147.4
 51 37.4 29.9 44.9
 86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 52.547 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :

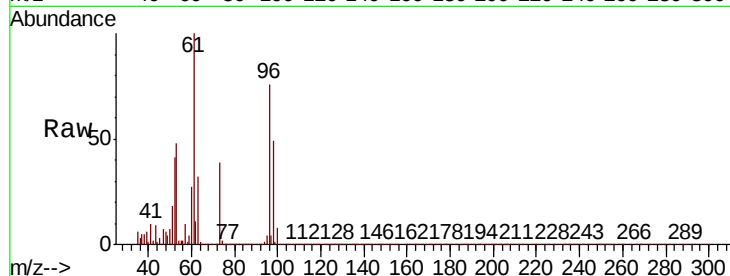
Tot Ion: 96 Resp: 358949

Ion Ratio Lower Upper

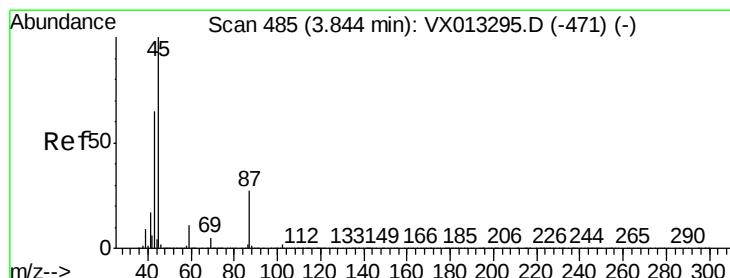
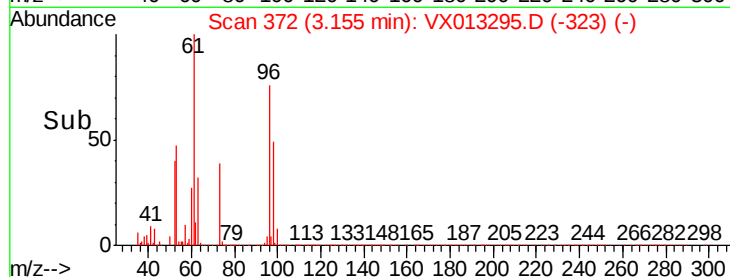
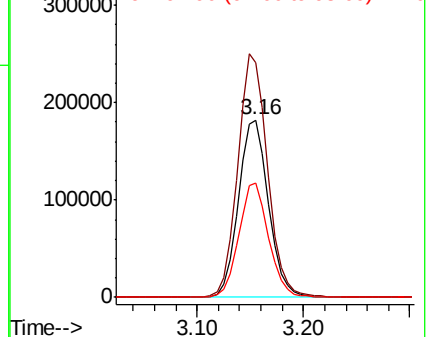
96 100

61 132.2 105.8 158.6

98 64.7 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 58.992 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion: 45 Resp: 1199128

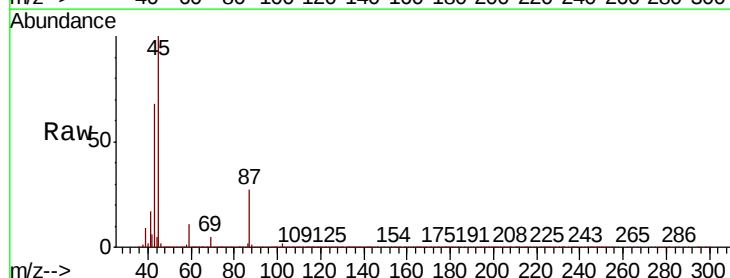
Ion Ratio Lower Upper

45 100

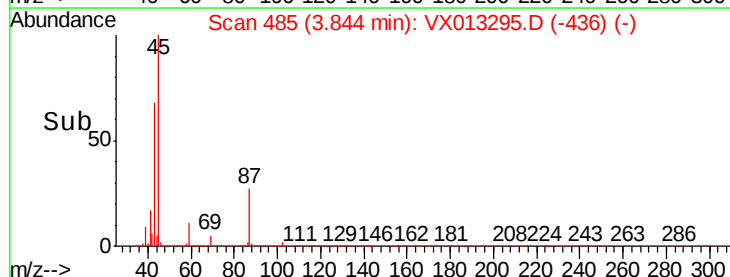
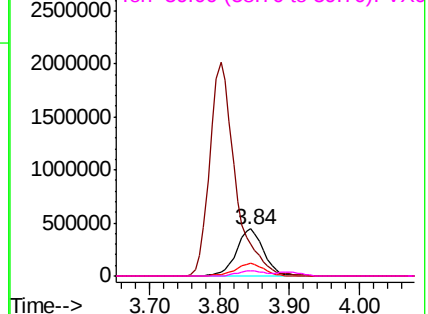
43 67.7 54.2 81.2

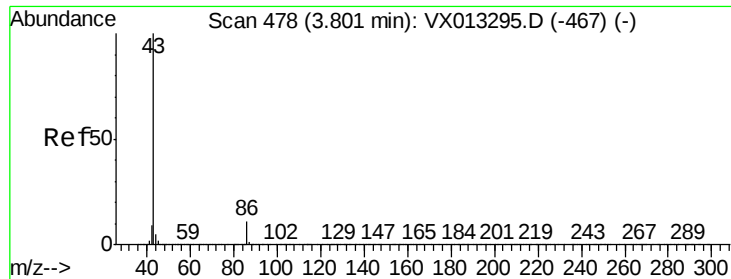
87 27.3 21.8 32.8

59 10.6 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 300.521 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

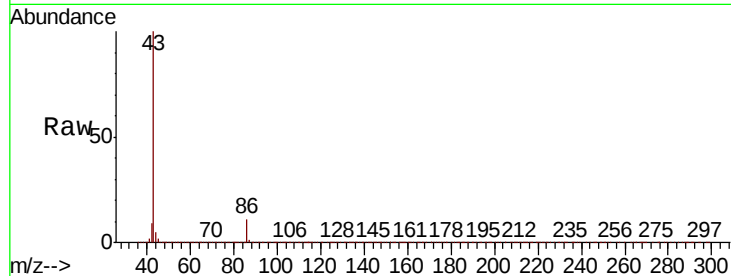
ClientSampled :

Tot Ion: 43 Resp: 5145310

Ion Ratio Lower Upper

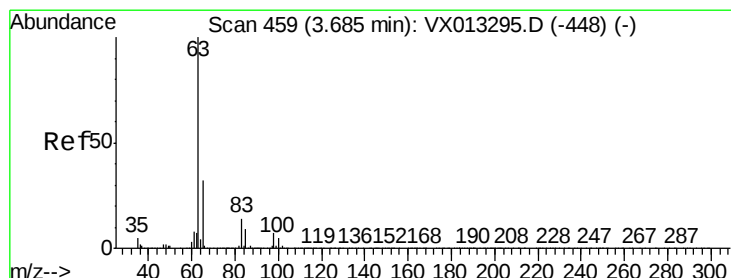
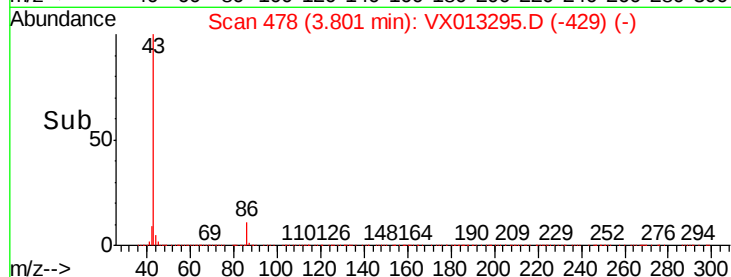
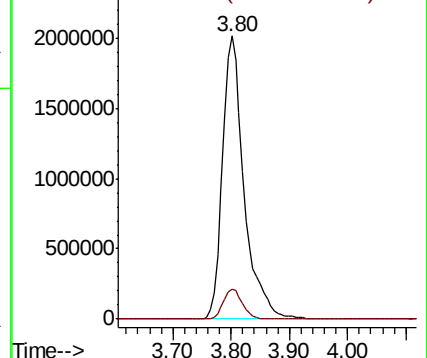
43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.596 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

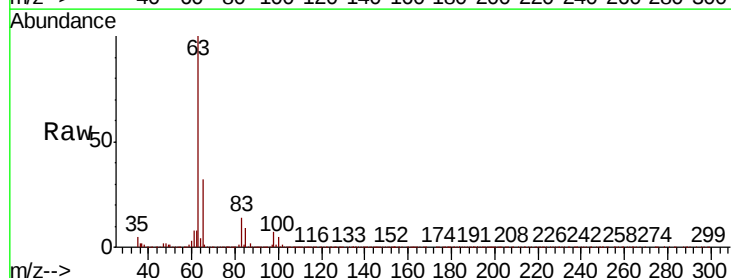
Tgt Ion: 63 Resp: 648048

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

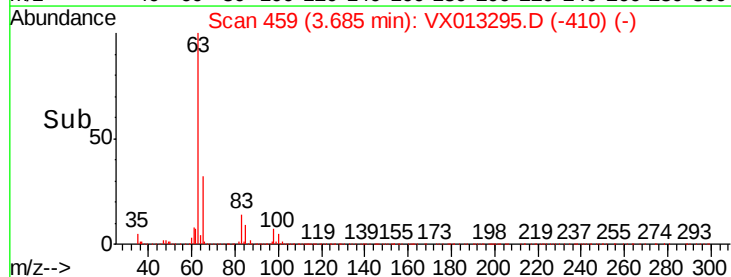
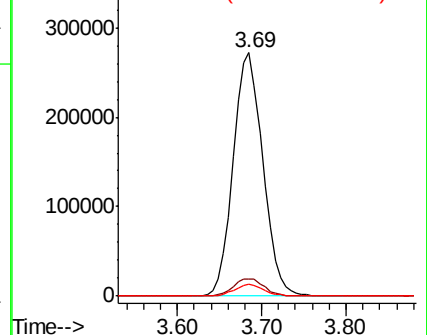
100 4.8 2.4 7.2

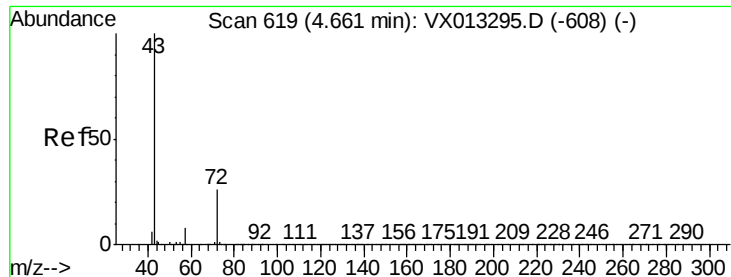


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 314.492 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

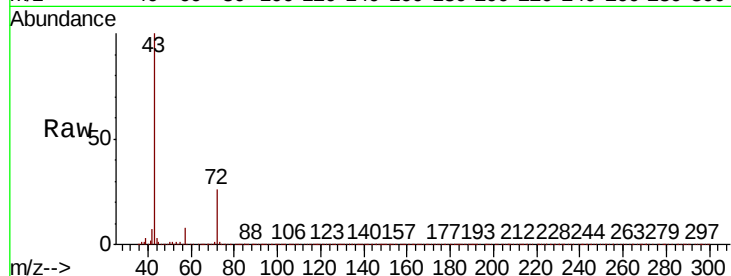
ClientSampleId :

Tot Ion: 43 Resp: 1631783

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

600000

400000

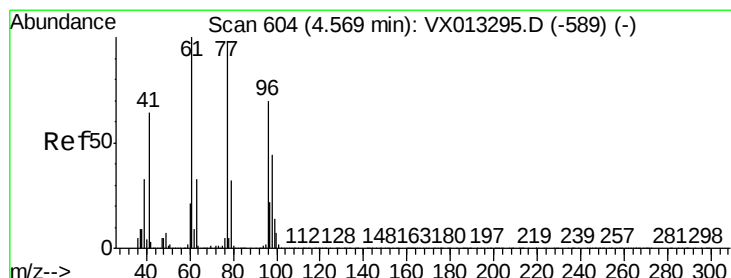
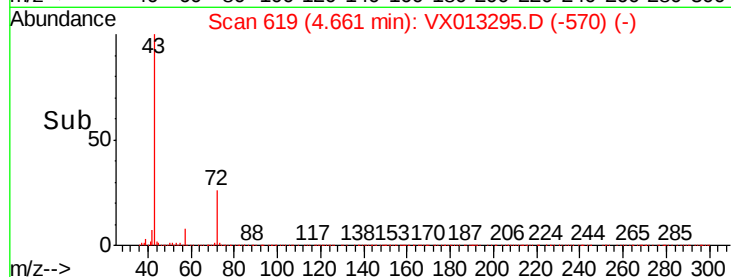
200000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 54.625 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013295.D

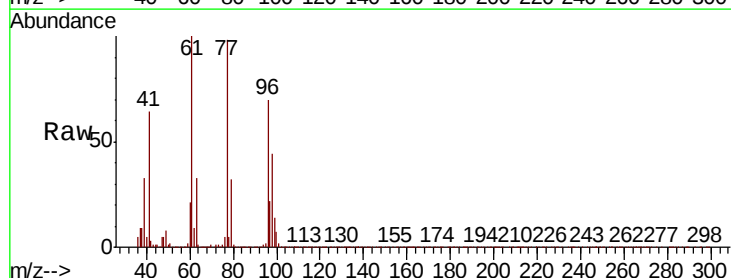
Acq: 31 Oct 2019 17:29

Tgt Ion: 77 Resp: 518500

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

150000

100000

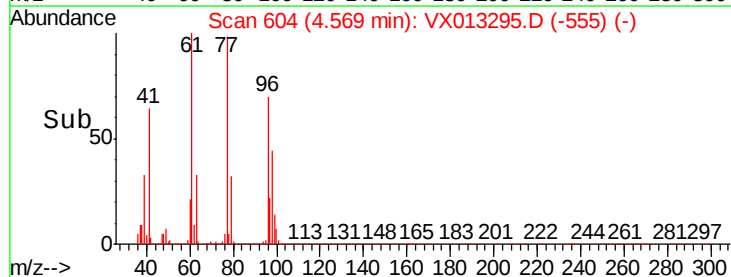
50000

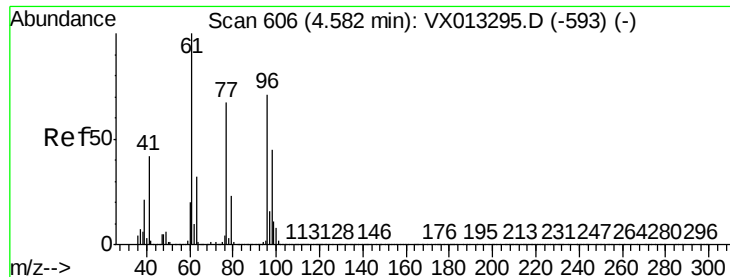
0

4.57

4.40 4.50 4.60 4.70

Time-->



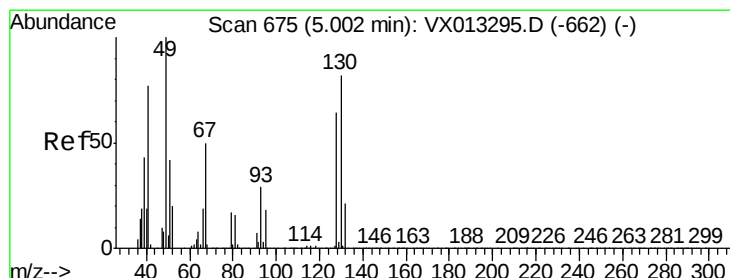
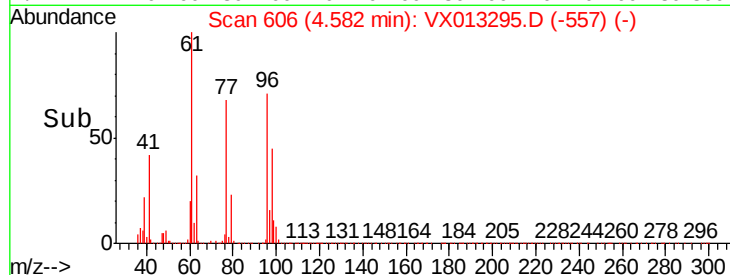
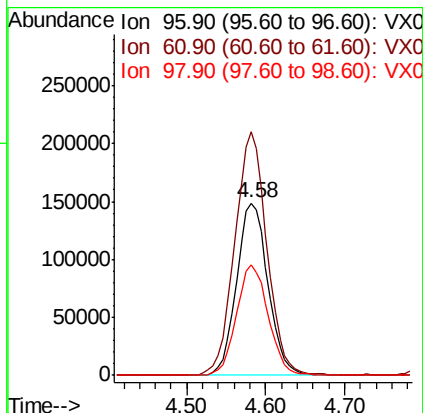
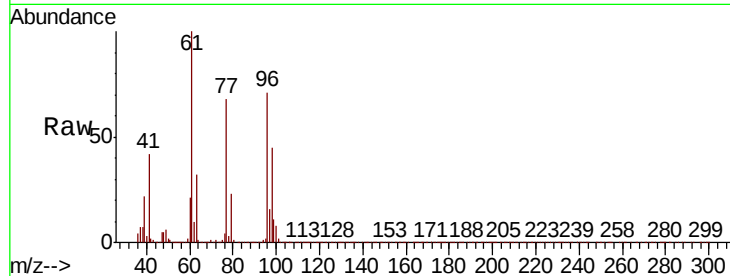


#27

cis-1,2-Dichloroethene
Concen: 51.837 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampled :

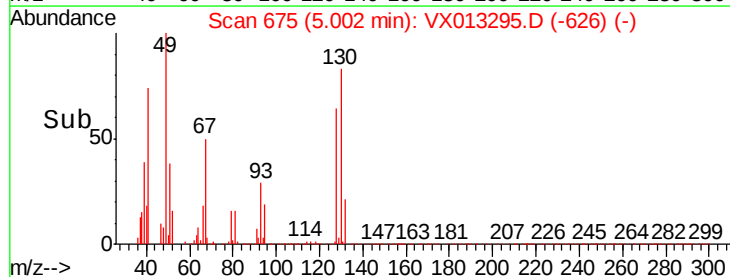
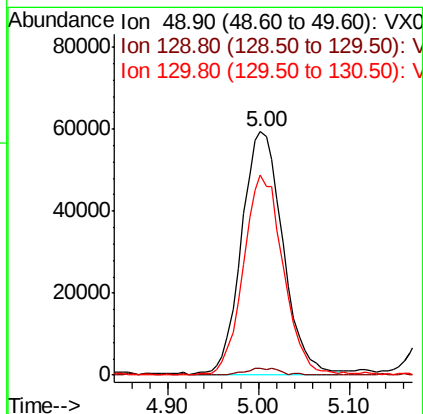
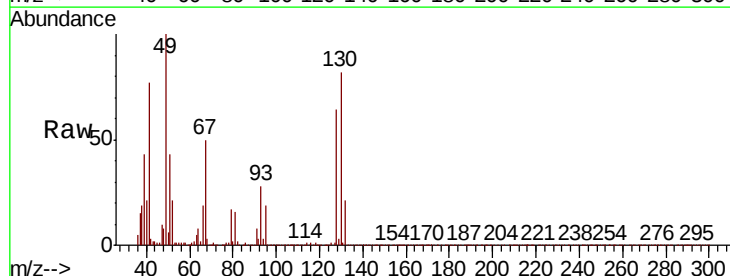
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	288.0
98	64.8	0.0	129.6

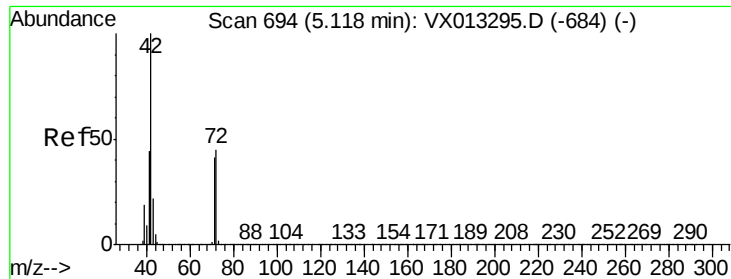


#28

Bromochloromethane
Concen: 36.455 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	79.7	63.8	95.6





#29

Tetrahydrofuran

Concen: 312.068 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

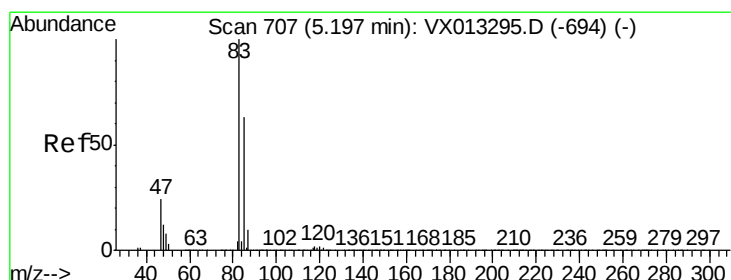
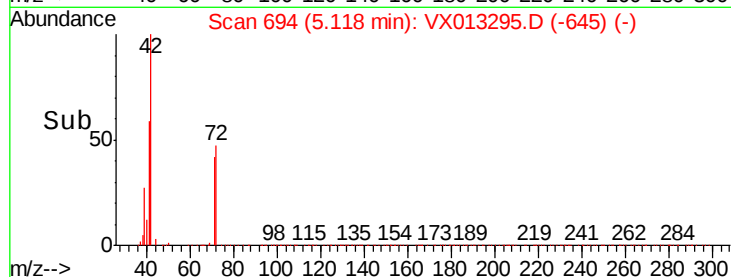
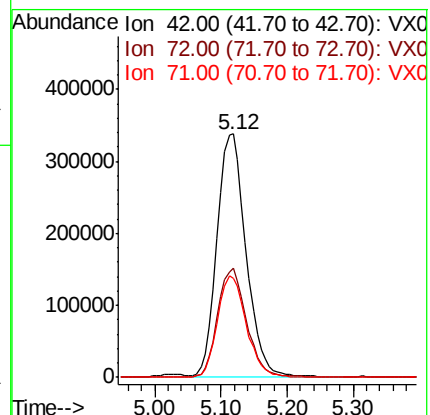
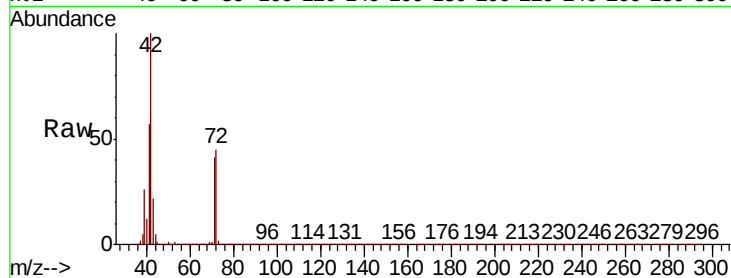
Tot Ion: 42 Resp: 1026924

Ion Ratio Lower Upper

42 100

72 44.8 35.8 53.8

71 41.7 33.4 50.0



#30

Chloroform

Concen: 51.926 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013295.D

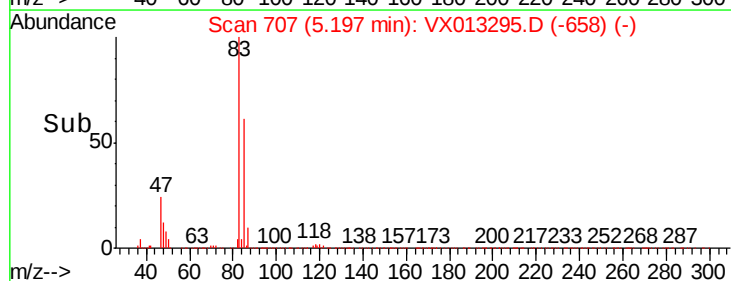
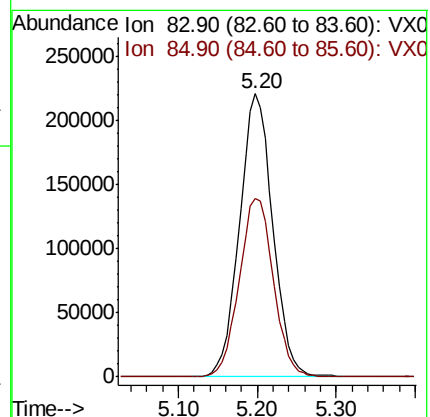
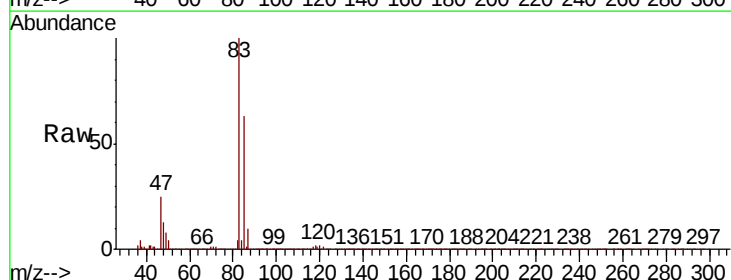
Acq: 31 Oct 2019 17:29

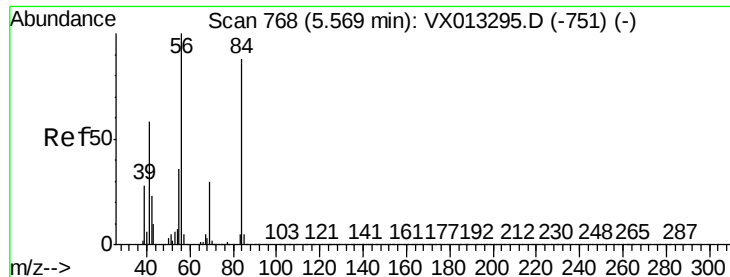
Tgt Ion: 83 Resp: 645687

Ion Ratio Lower Upper

83 100

85 62.8 50.2 75.4

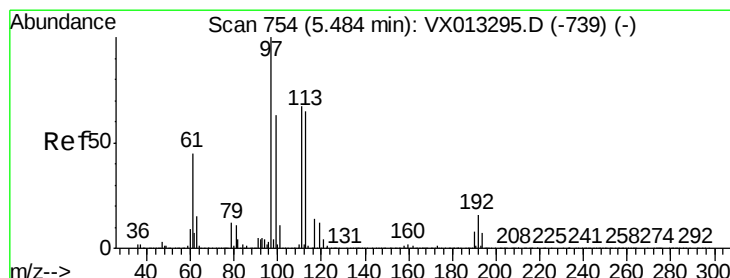
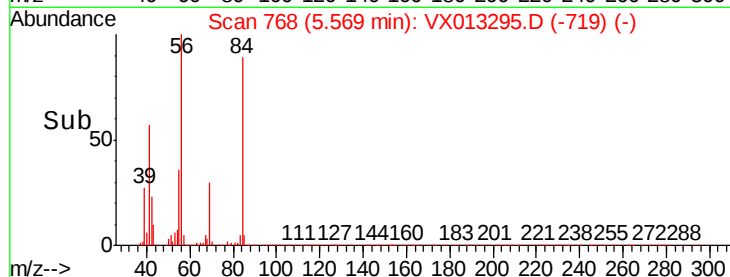
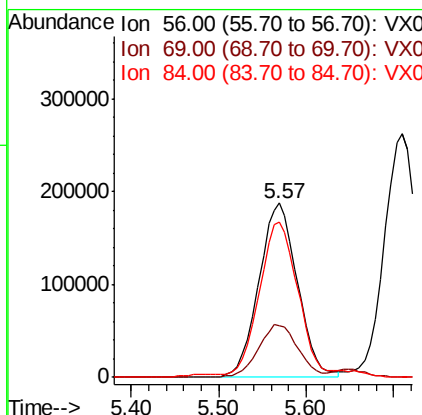
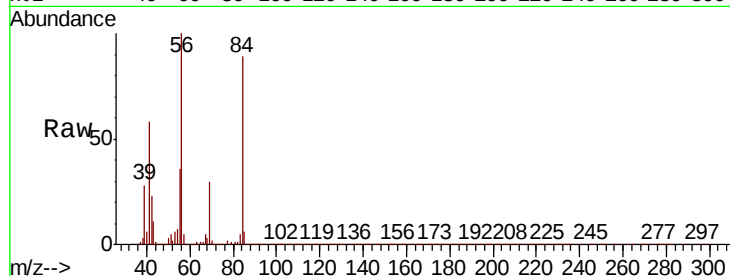




#31
Cyclohexane
Concen: 54.114 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

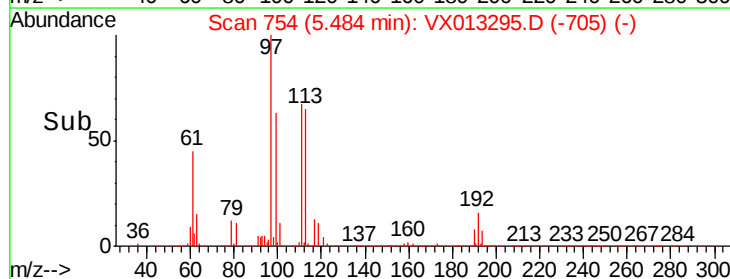
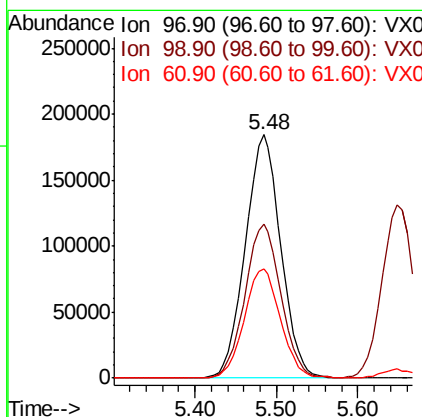
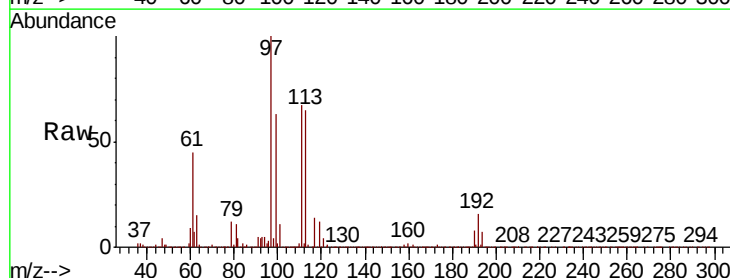
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 573982
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 88.2 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 52.031 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 97 Resp: 555777
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 45.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 53.561 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

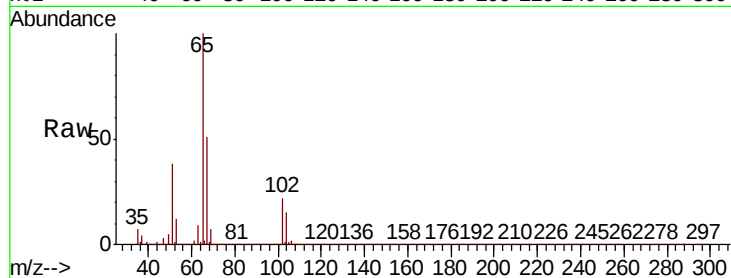
ClientSampleId :

Tot Ion: 65 Resp: 417722

Ion Ratio Lower Upper

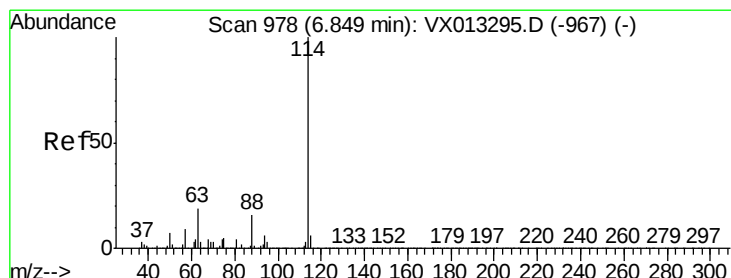
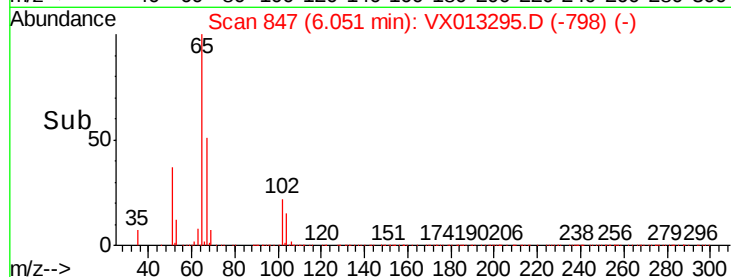
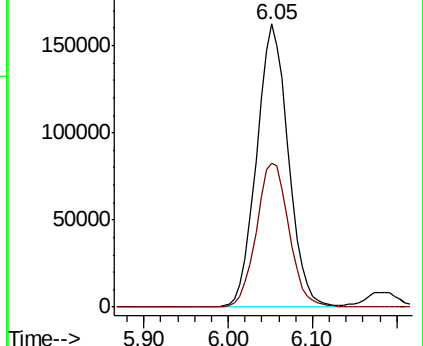
65 100

67 52.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

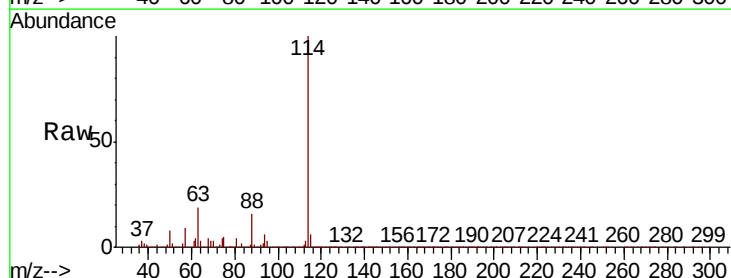
Tgt Ion: 114 Resp: 1083905

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

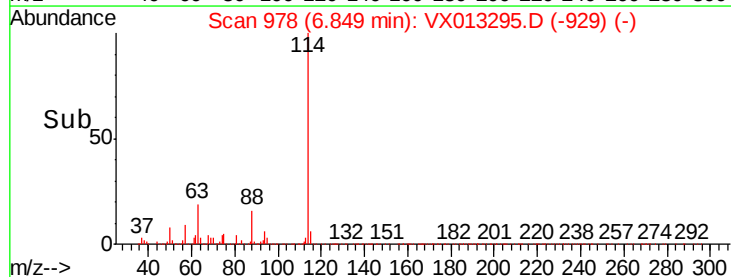
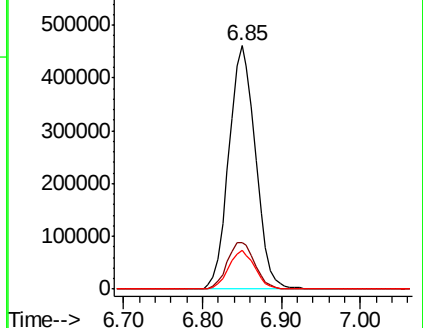
88 16.1 0.0 32.2

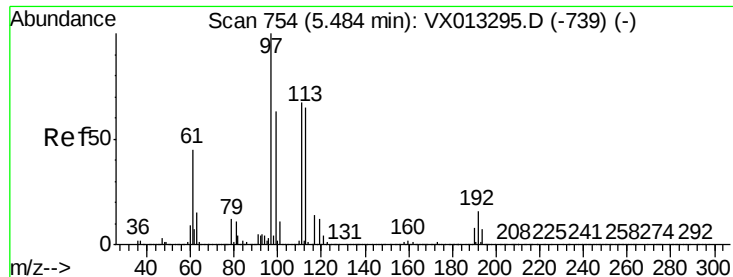


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

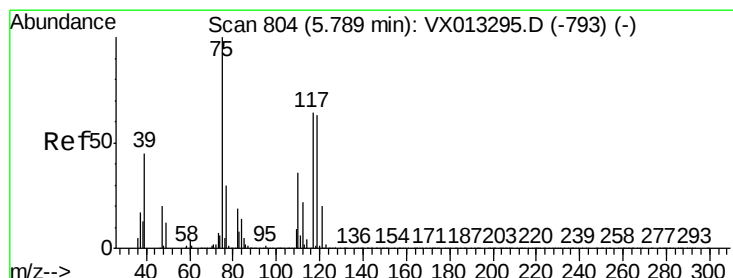
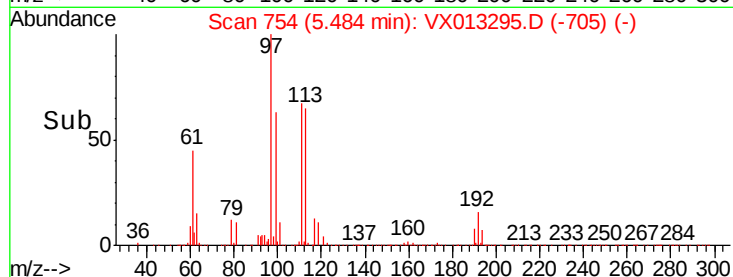
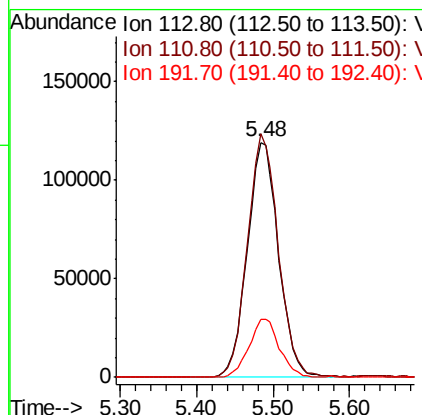
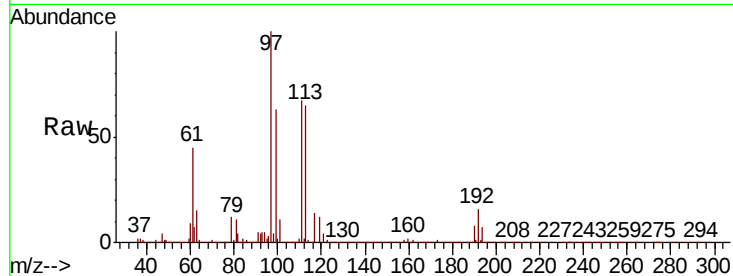




#35
Dibromofluoromethane
Concen: 49.265 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

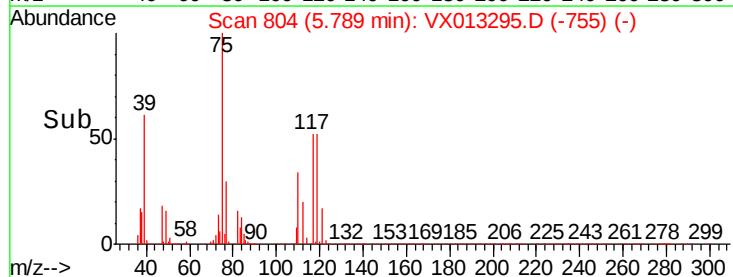
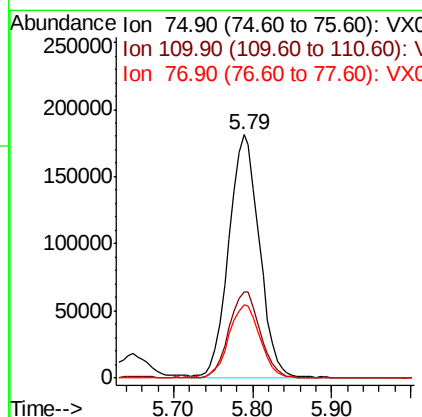
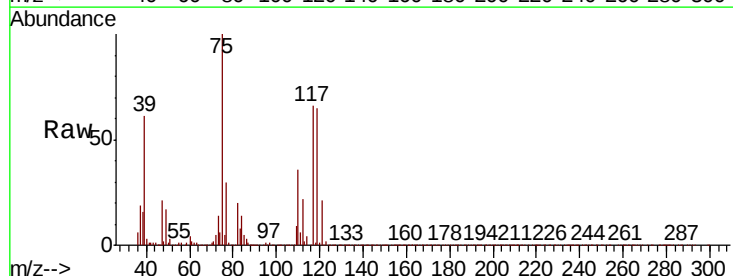
Instrument :
MSVOA_X
ClientSampleId :

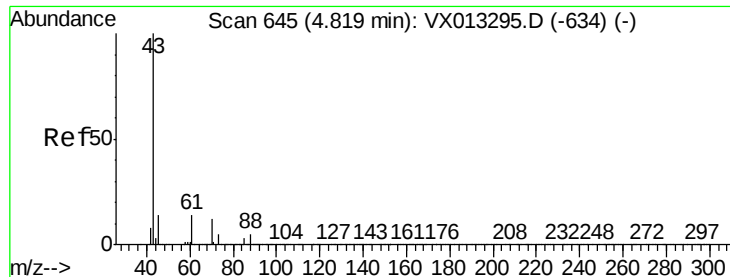
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	23.9	19.1	28.7



#36
1,1-Dichloropropene
Concen: 53.700 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	31.2	25.0	37.4

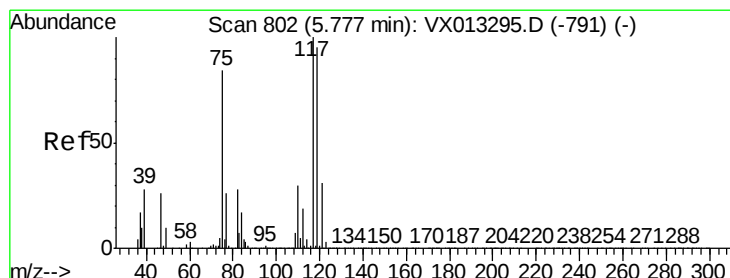
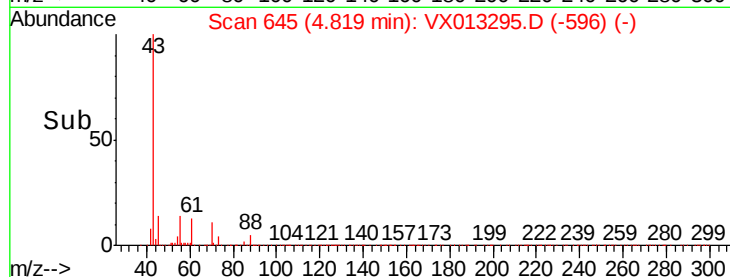
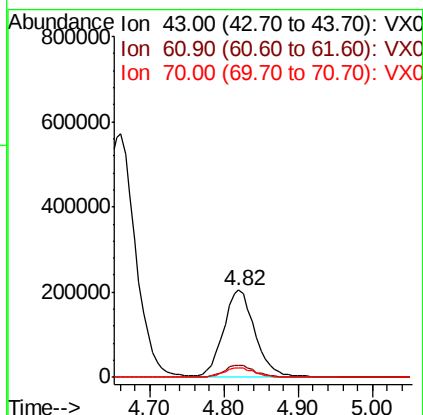
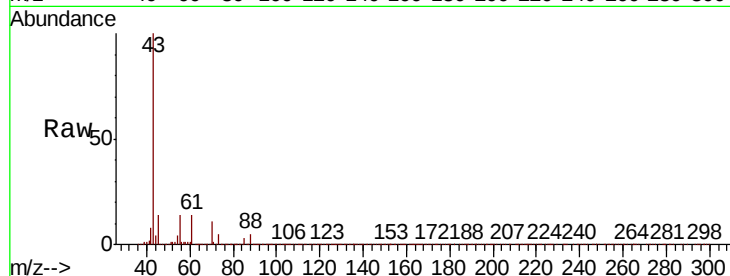




#37
Ethyl Acetate
Concen: 62.767 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

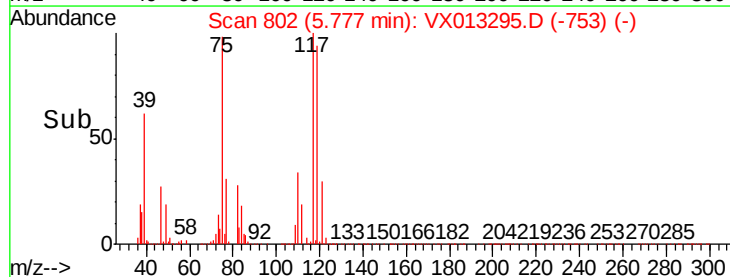
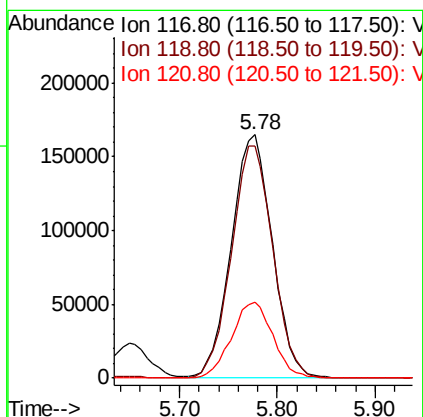
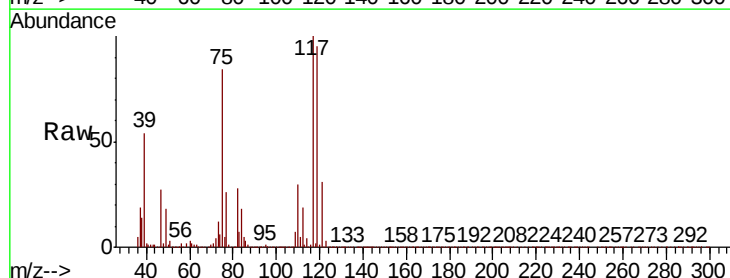
Instrument :
MSVOA_X
ClientSampleId :

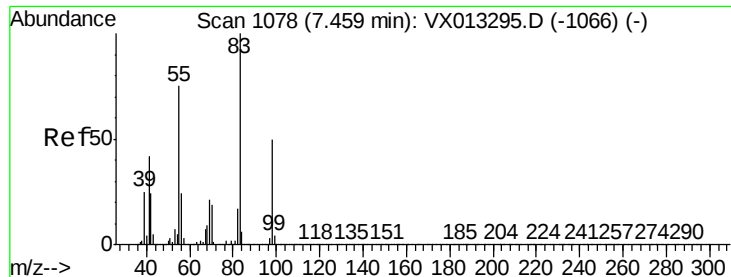
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.9	8.7	13.1



#38
Carbon Tetrachloride
Concen: 51.322 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
121	30.8	24.6	37.0

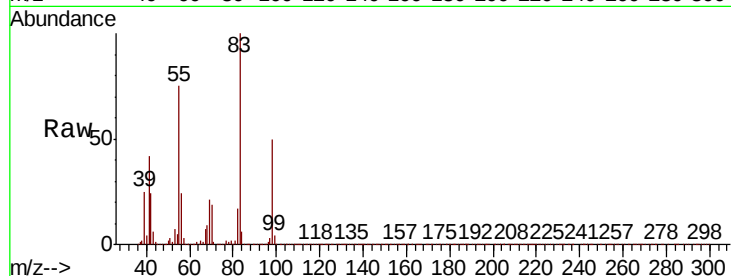




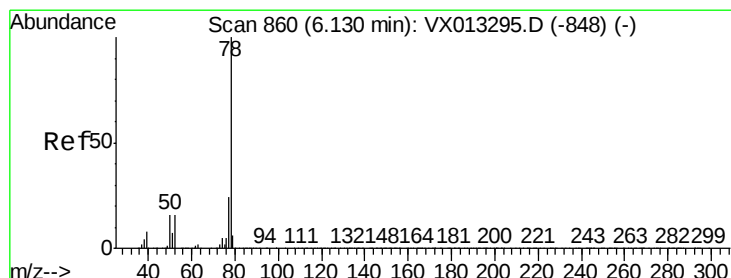
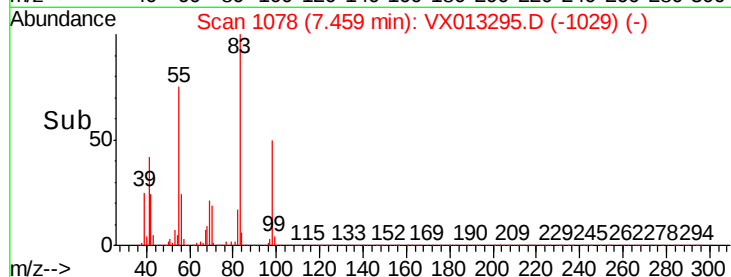
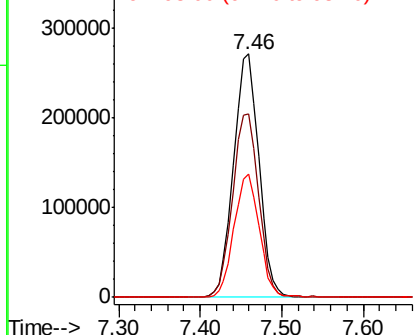
#39
Methvlcvclohexane
Concen: 50.296 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	60.3	90.5
98	50.4	40.3	60.5

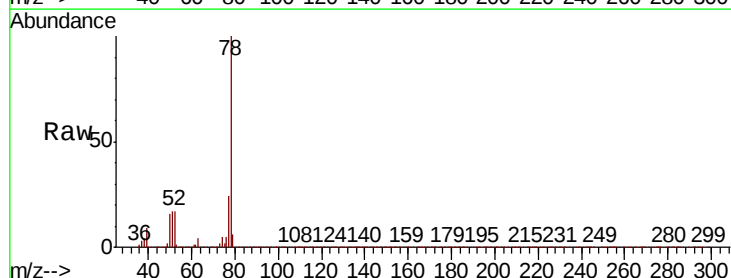


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

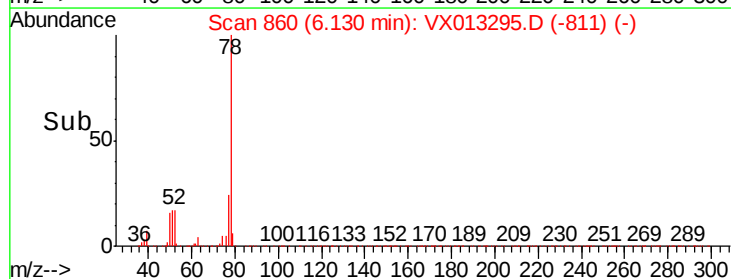
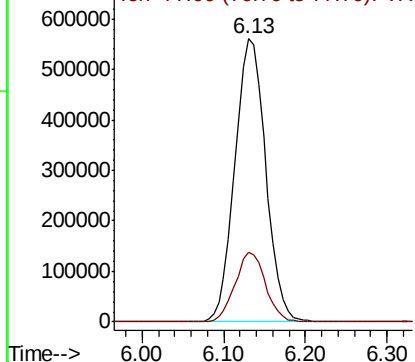


#40
Benzene
Concen: 53.068 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3



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

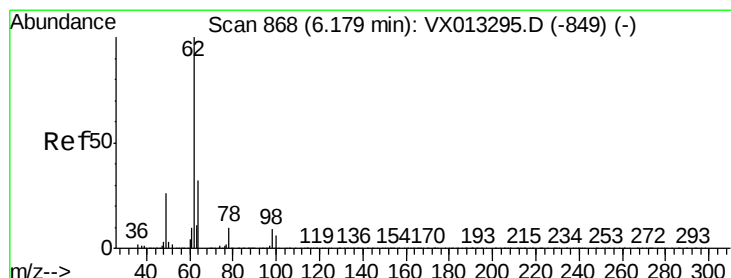
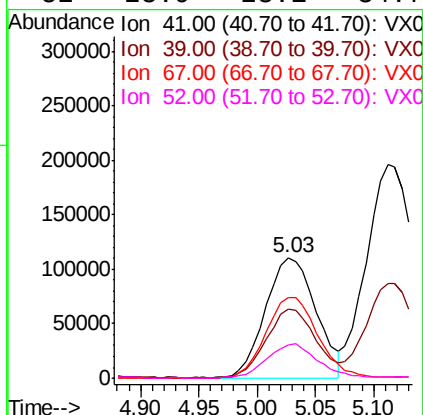
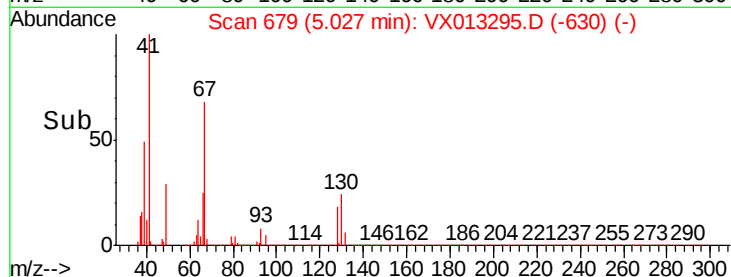
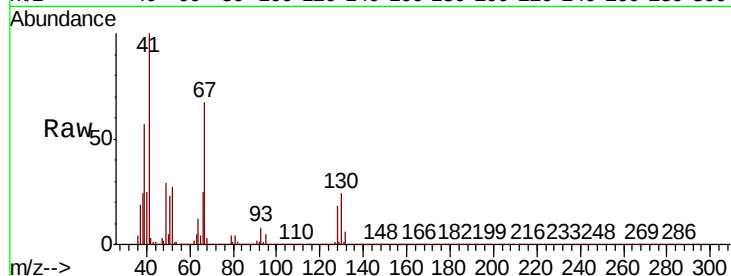




#41
Methacrylonitrile
Concen: 60.657 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

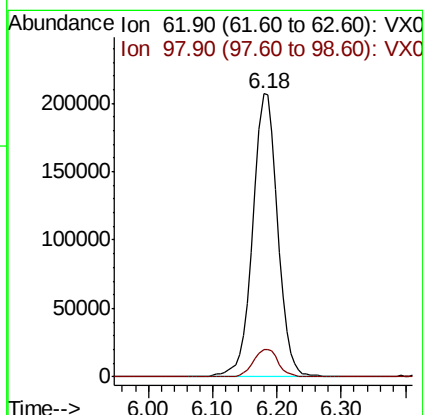
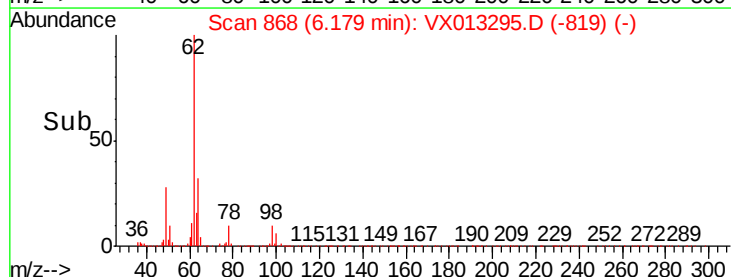
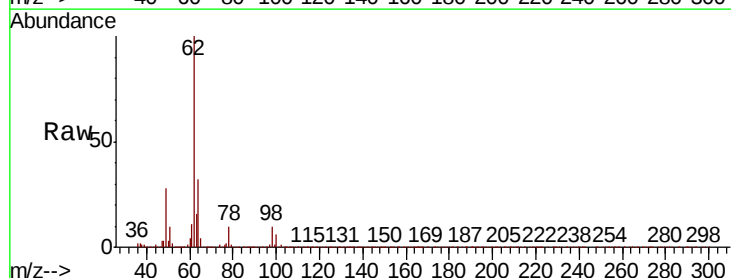
Instrument :
MSVOA_X
ClientSampled :

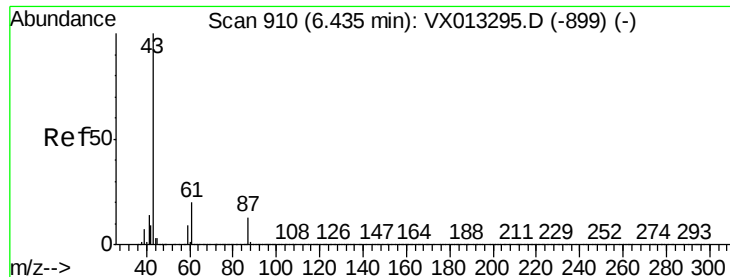
Tot Ion:	41	Resp:	331985
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.0	67.6
67	69.3	55.4	83.2
52	28.9	23.1	34.7



#42
1,2-Dichloroethane
Concen: 55.699 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion:	62	Resp:	545167
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 60.482 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

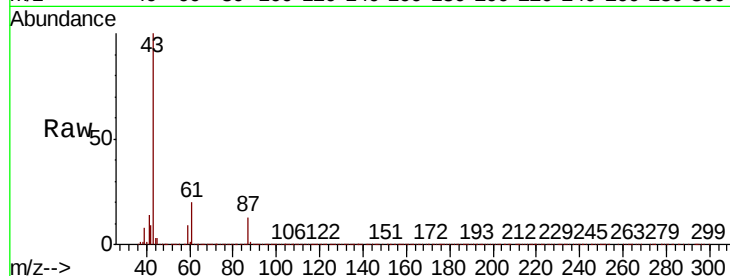
Tot Ion: 43 Resp: 947863

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.8

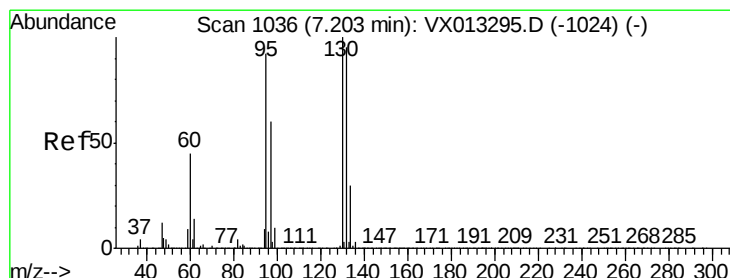
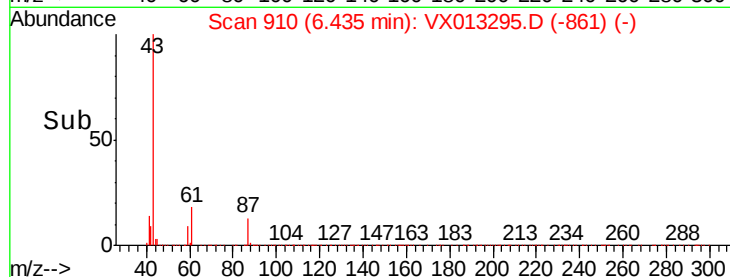
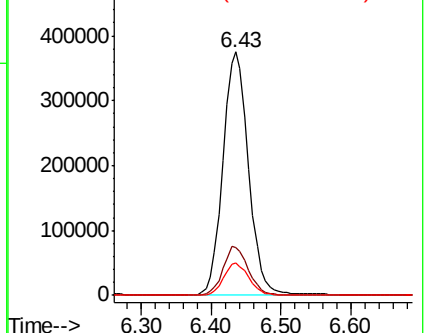
87 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.275 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013295.D

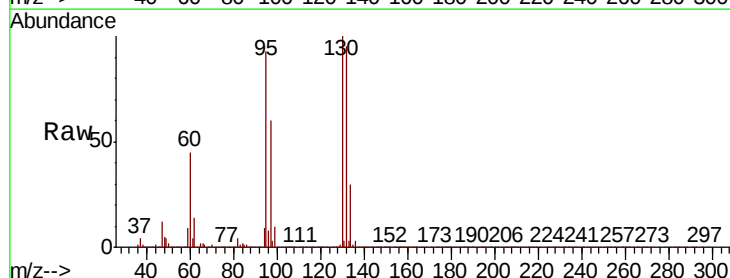
Acq: 31 Oct 2019 17:29

Tgt Ion:130 Resp: 398348

Ion Ratio Lower Upper

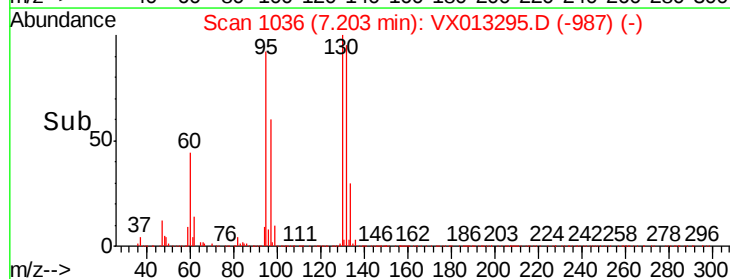
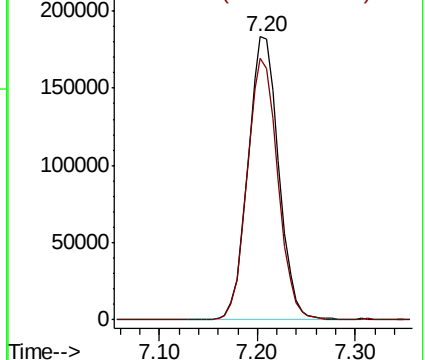
130 100

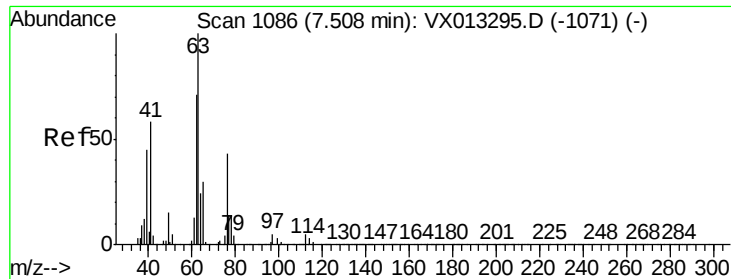
95 92.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

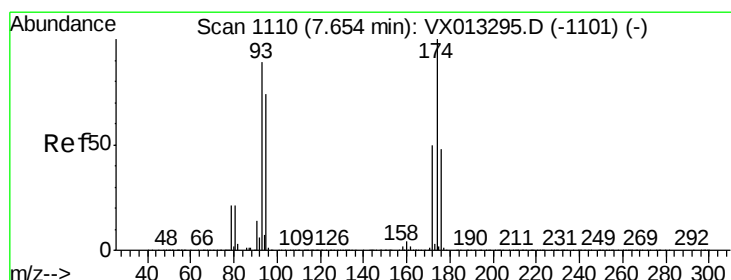
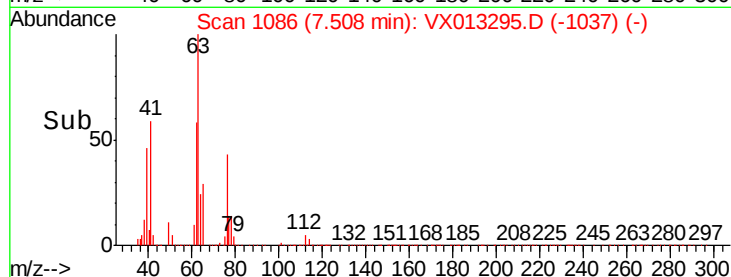
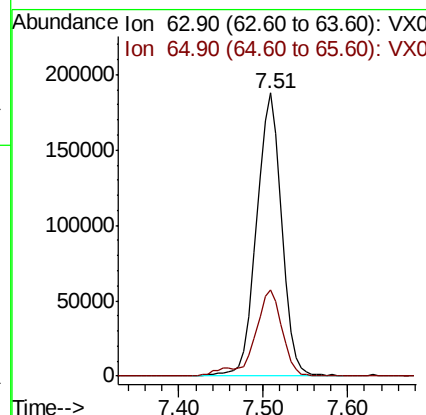
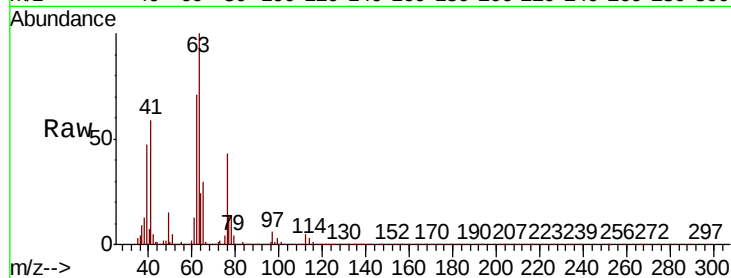




#45
 1,2-Dichloropropane
 Concen: 53.420 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

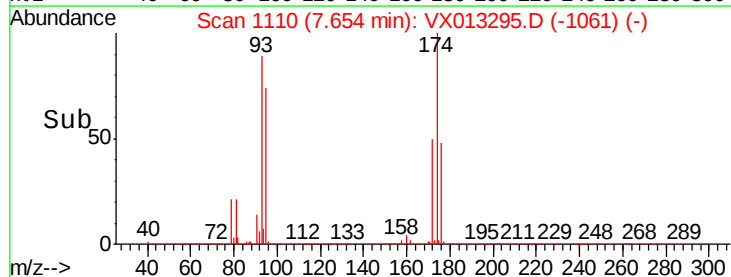
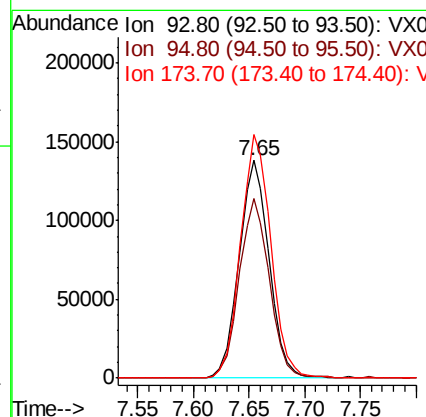
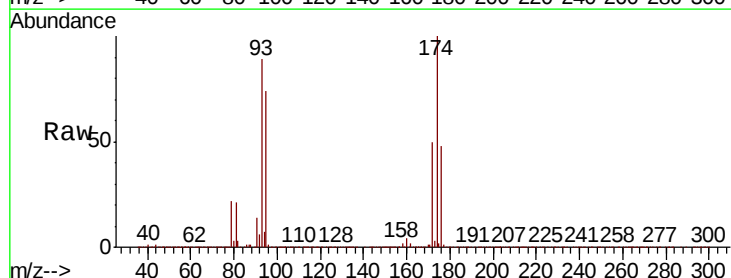
Instrument :
 MSVOA_X
 ClientSampleId :

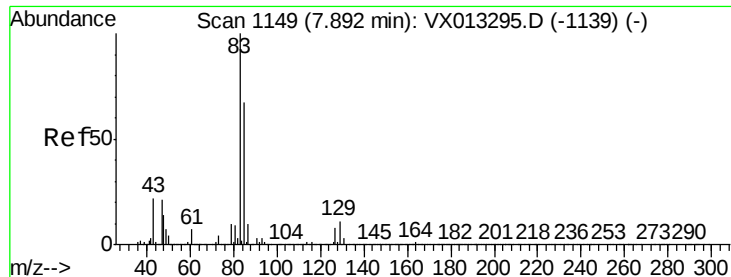
Tot Ion: 63 Resp: 377784
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 51.449 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion: 93 Resp: 257074
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 113.0 90.4 135.6





#47

Bromodichloromethane

Concen: 55.617 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :

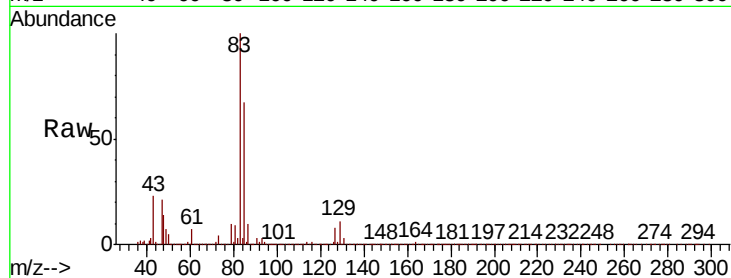
Tot Ion: 83 Resp: 501038

Ion Ratio Lower Upper

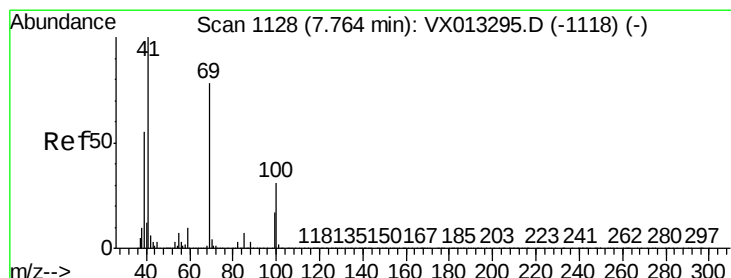
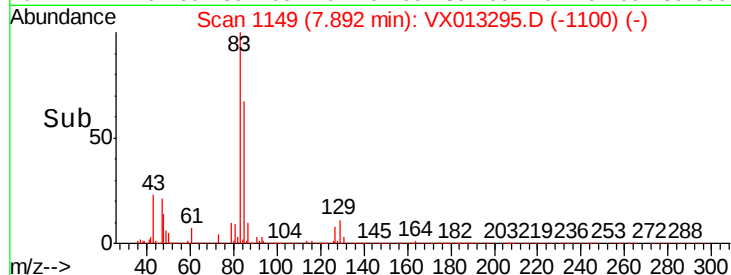
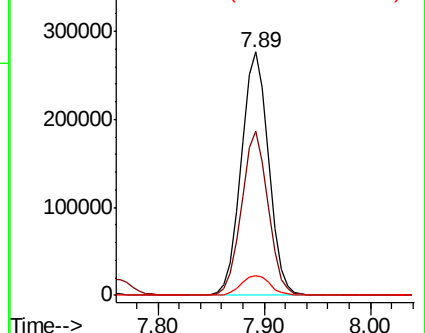
83 100

85 67.1 53.7 80.5

127 8.0 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: 62.830 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

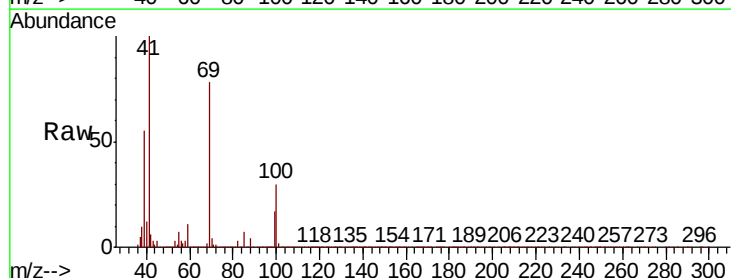
Tgt Ion: 41 Resp: 485324

Ion Ratio Lower Upper

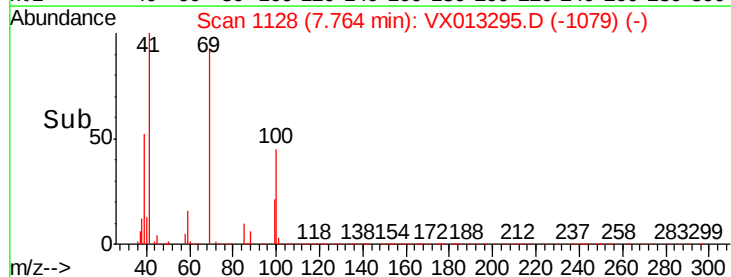
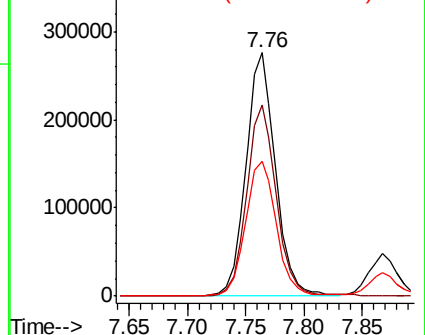
41 100

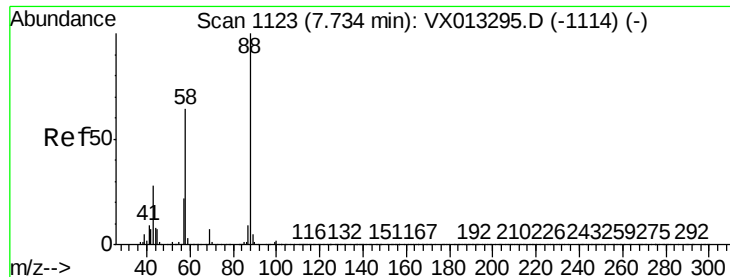
69 78.8 63.0 94.6

39 57.4 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

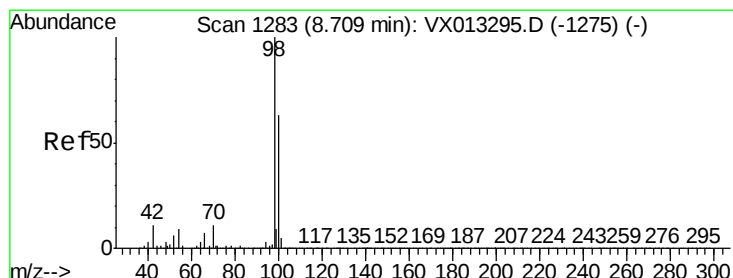
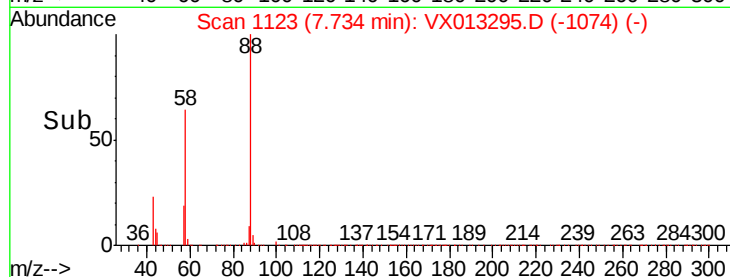
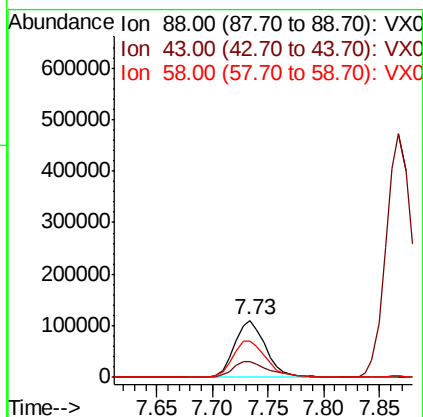
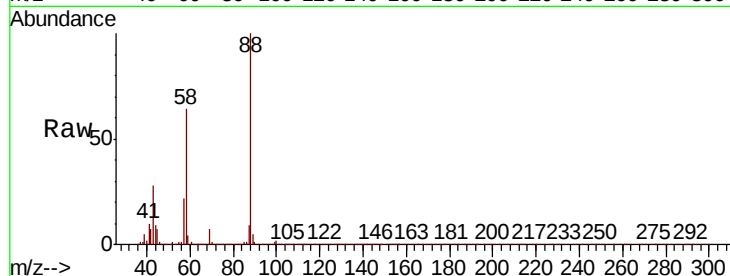




#49
1,4-Dioxane
Concen: 1033.481 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

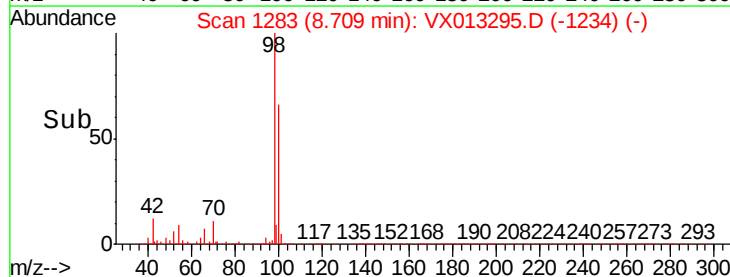
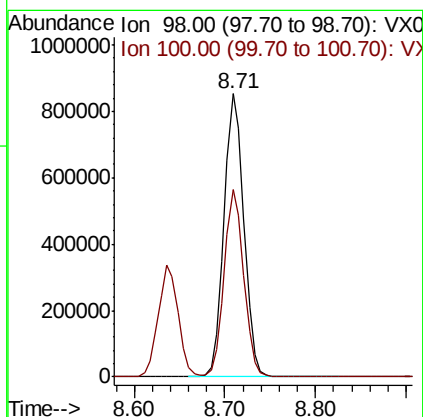
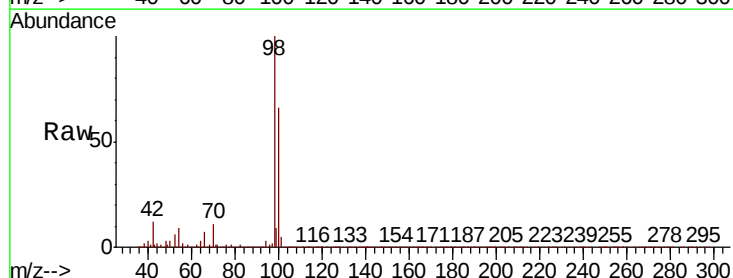
Instrument :
MSVOA_X
ClientSampleId :

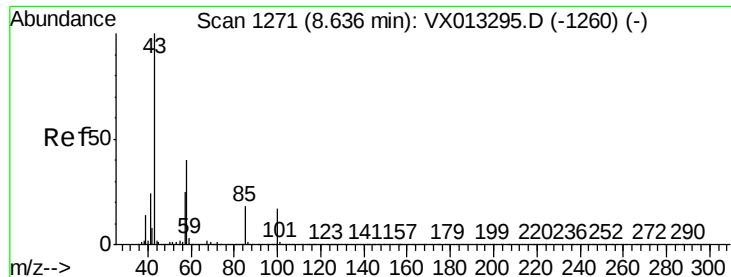
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.6	39.8
58	68.8	55.0	82.6



#50
Toluene-d8
Concen: 50.336 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

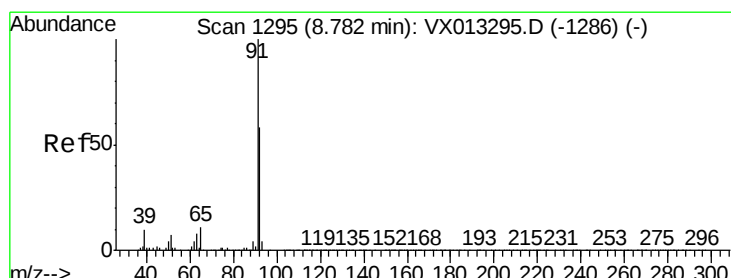
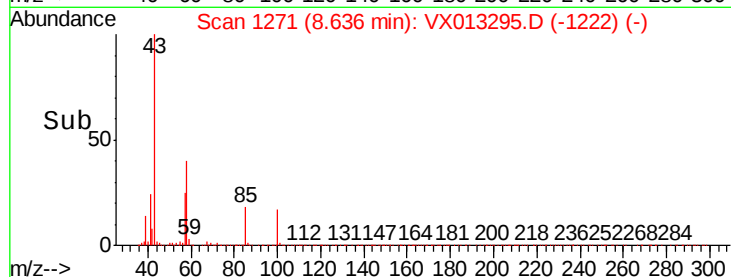
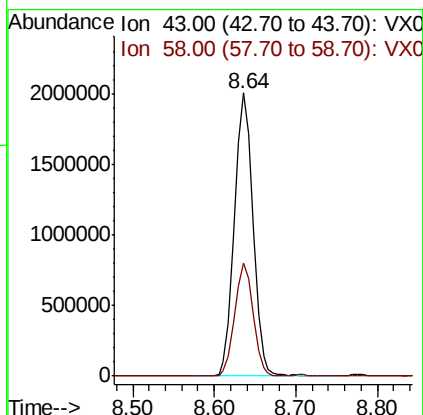
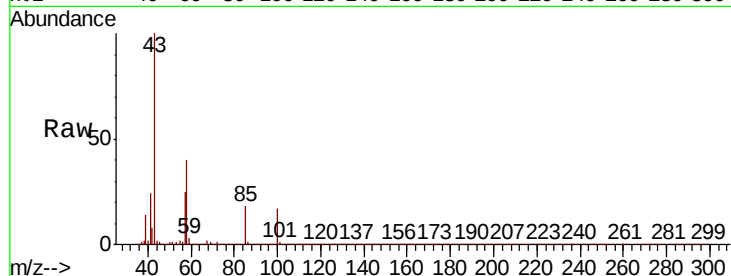




#51
4-Methyl-2-Pentanone
Concen: 307.112 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

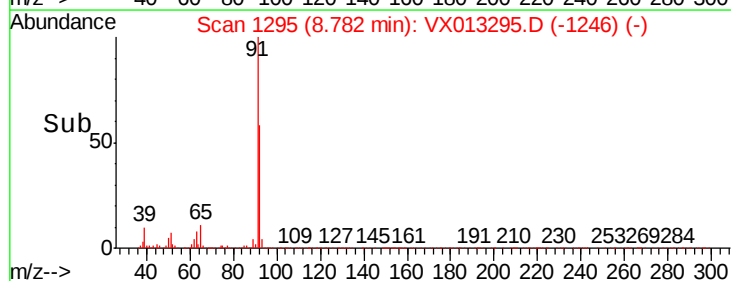
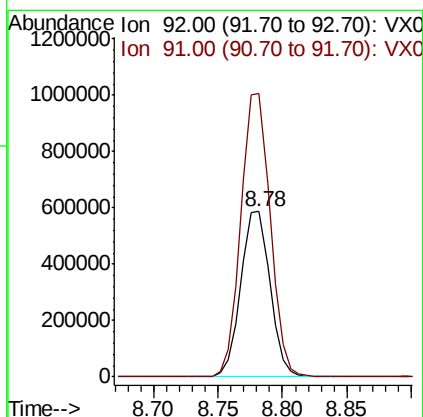
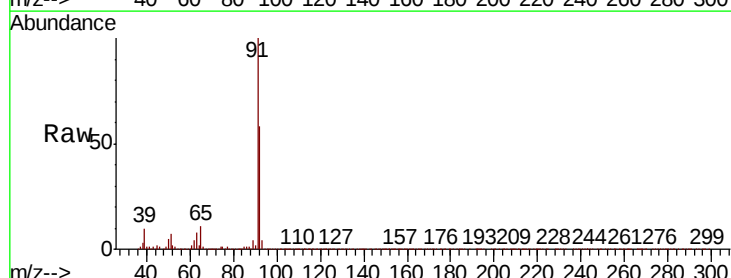
Instrument :
MSVOA_X
ClientSampleId :

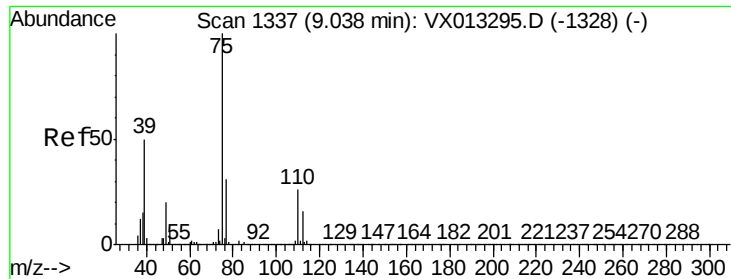
Tot Ion: 43 Resp: 3121152
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.0



#52
Toluene
Concen: 51.118 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 92 Resp: 922059
Ion Ratio Lower Upper
92 100
91 172.5 138.0 207.0

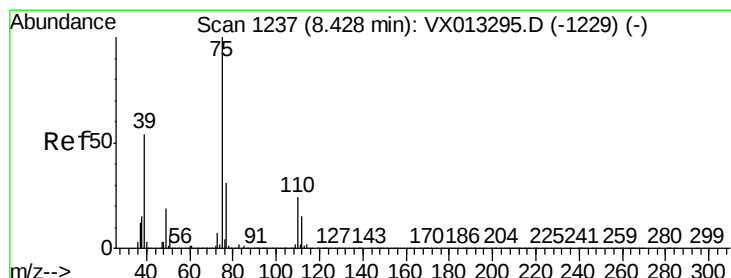
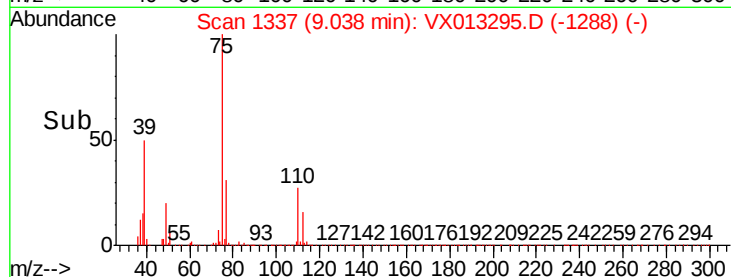
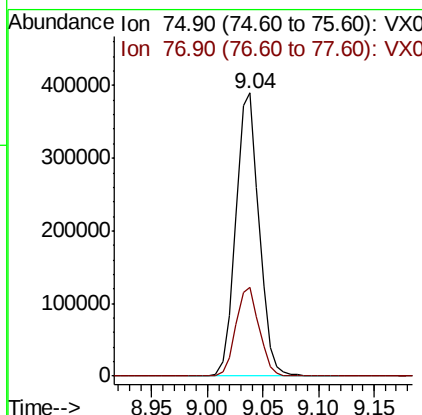
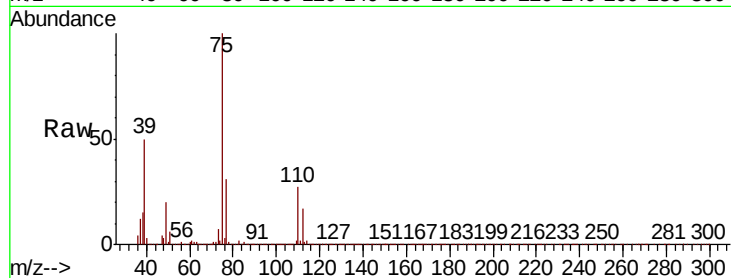




#53
 t-1,3-Dichloropropene
 Concen: 57.812 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

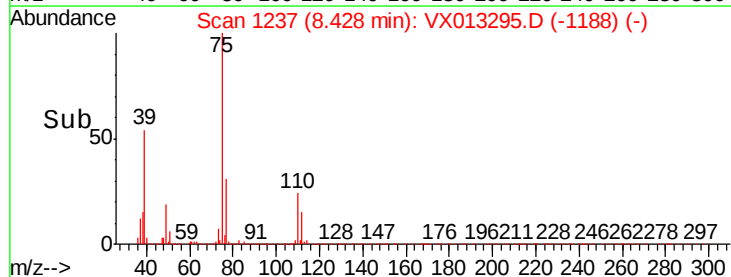
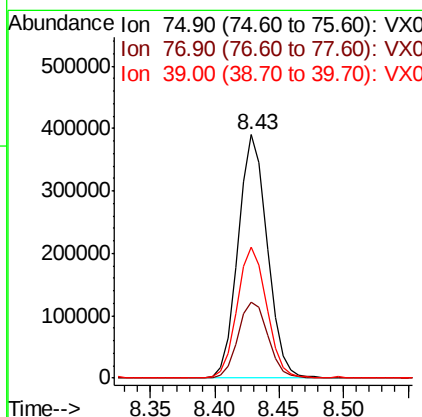
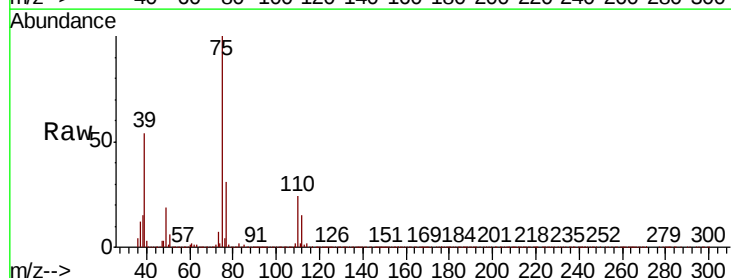
Instrument :
 MSVOA_X
 ClientSampleId :

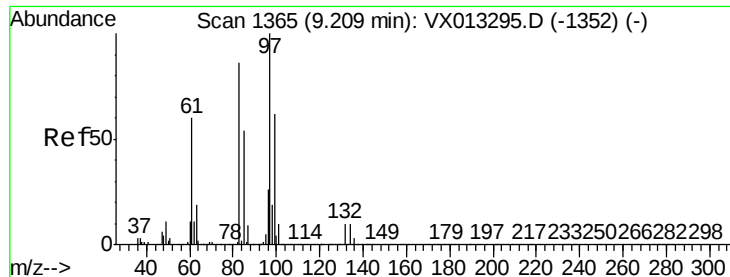
Tot Ion: 75 Resp: 561874
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 56.807 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion: 75 Resp: 611828
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 53.8 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 51.450 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 383083

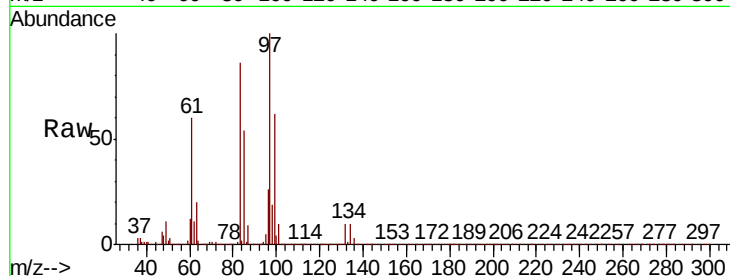
Ion Ratio Lower Upper

97 100

83 85.8 68.6 103.0

85 53.9 43.1 64.7

99 61.7 49.4 74.0

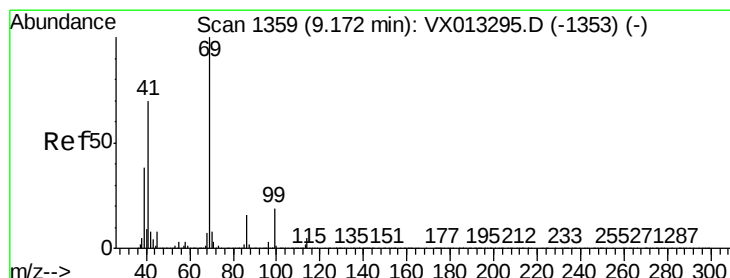
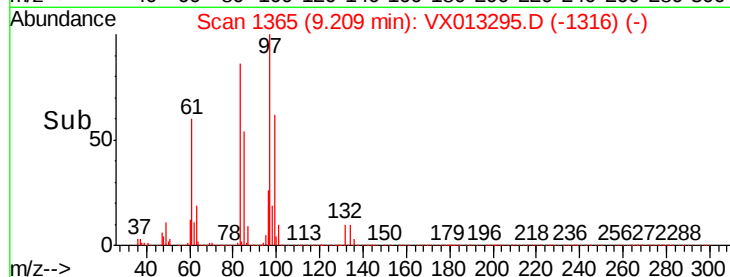
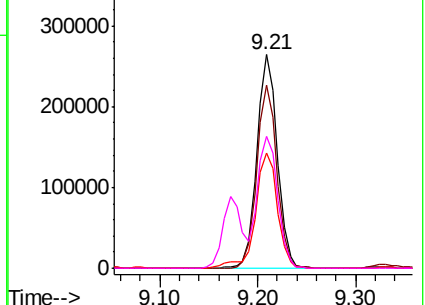


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 56.335 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

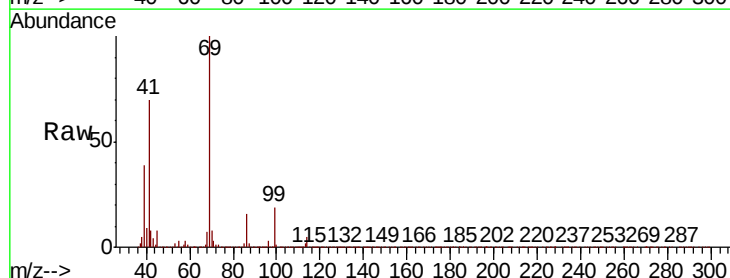
Tgt Ion: 69 Resp: 619022

Ion Ratio Lower Upper

69 100

41 70.2 56.2 84.2

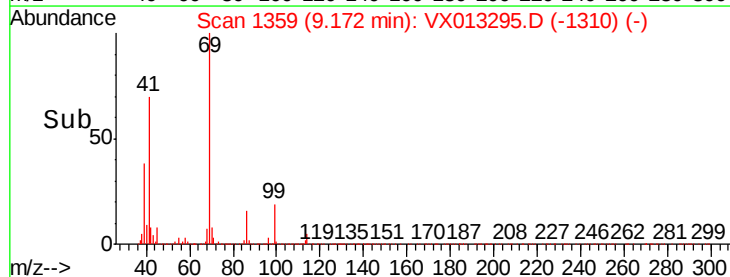
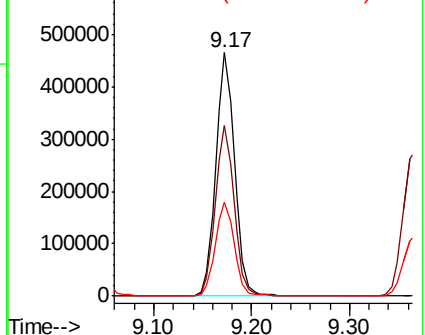
39 38.9 31.1 46.7



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: 54.264 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

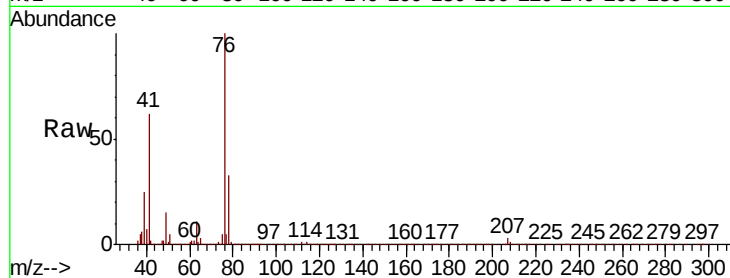
ClientSampleId :

Tot Ion: 76 Resp: 648307

Ion Ratio Lower Upper

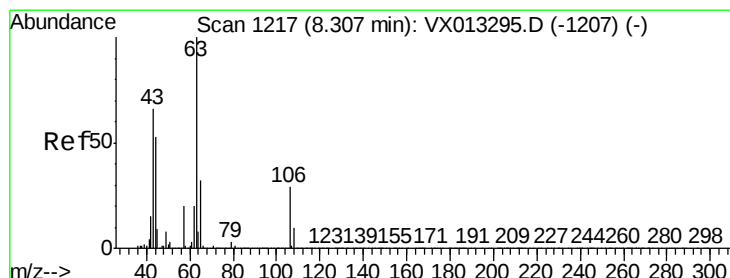
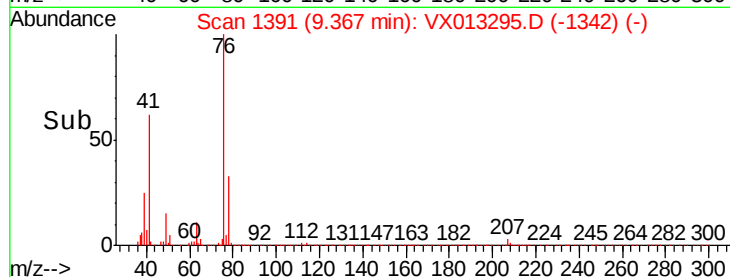
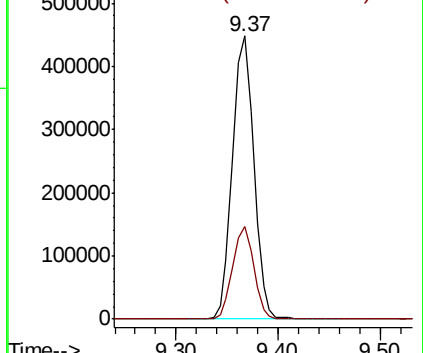
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 266.762 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013295.D

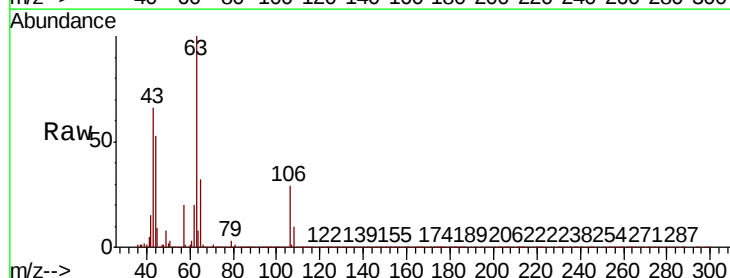
Acq: 31 Oct 2019 17:29

Tgt Ion: 63 Resp: 1385610

Ion Ratio Lower Upper

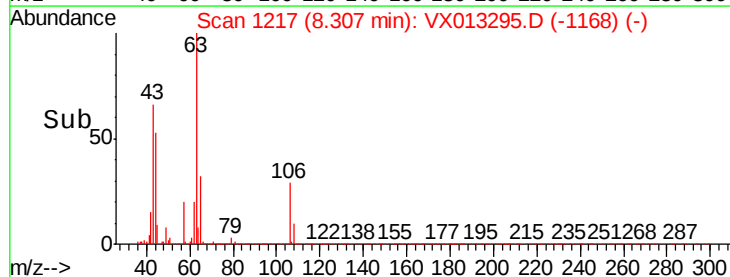
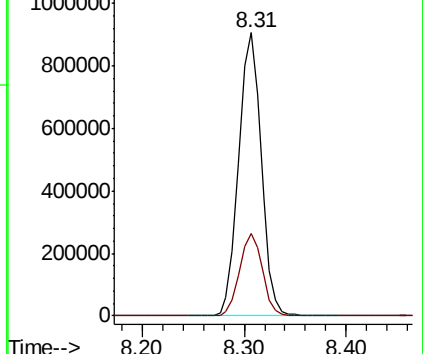
63 100

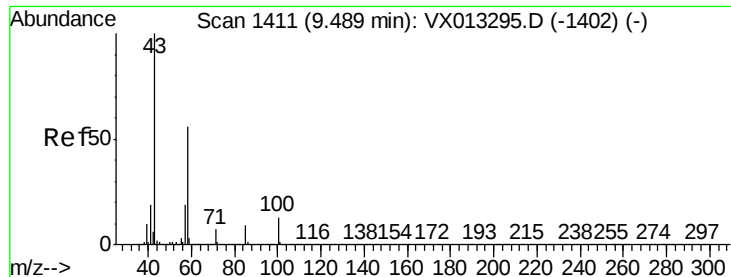
106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

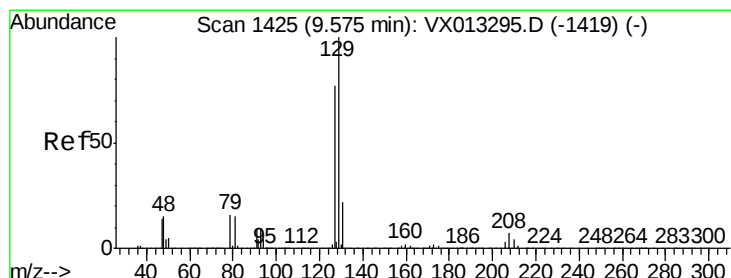
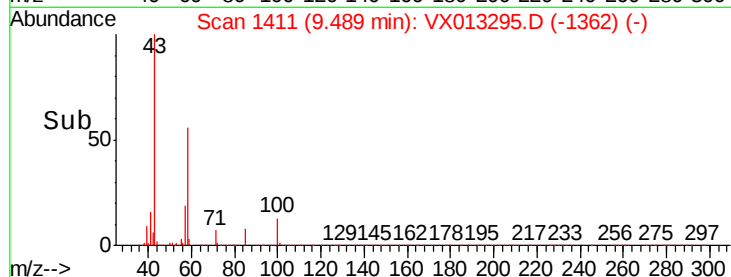
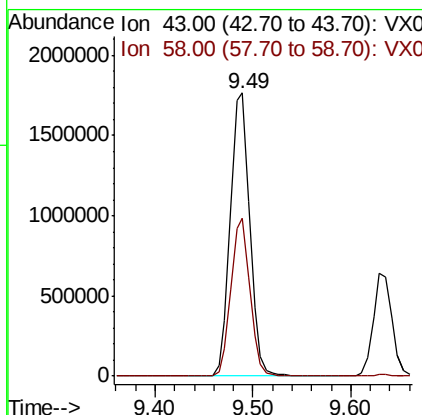
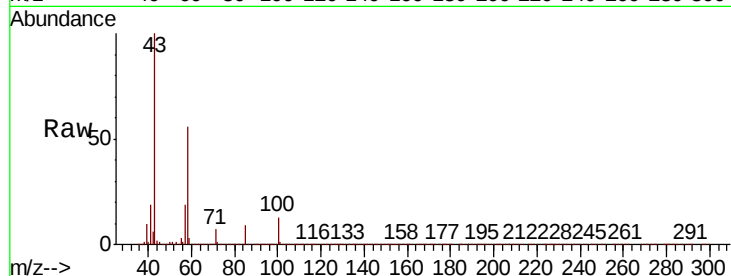




#59
2-Hexanone
Concen: 311.322 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

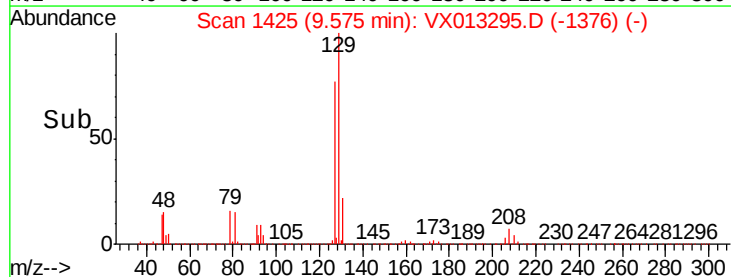
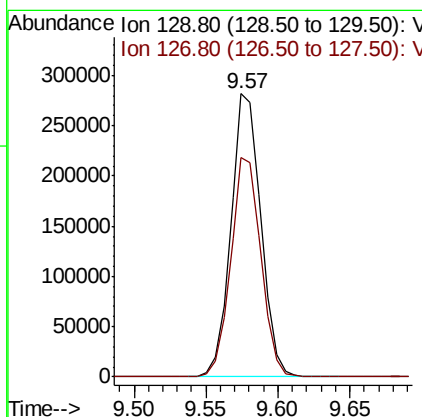
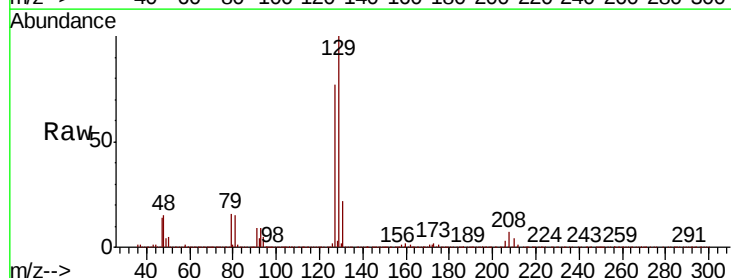
Instrument :
MSVOA_X
ClientSampleId :

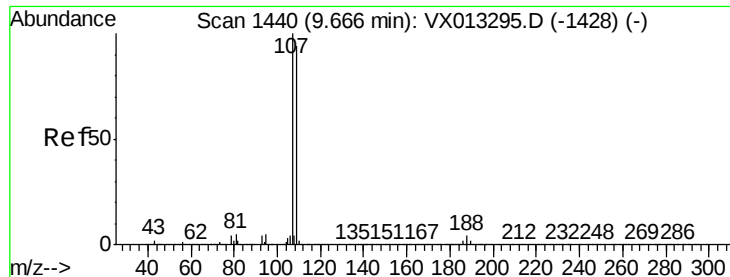
Tot Ion: 43 Resp: 2448729
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 54.422 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 129 Resp: 408784
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.127 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

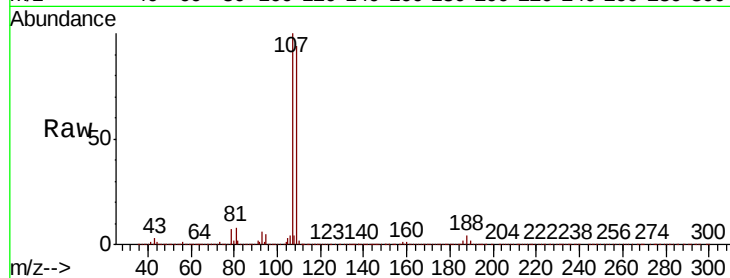
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 410946

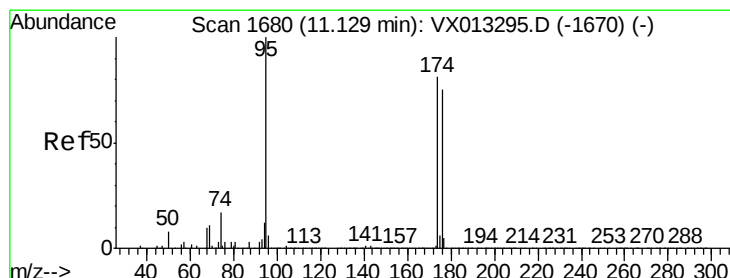
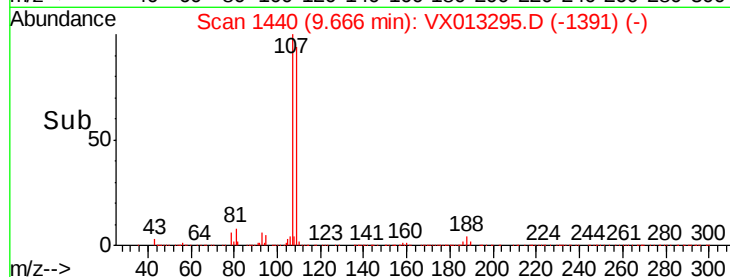
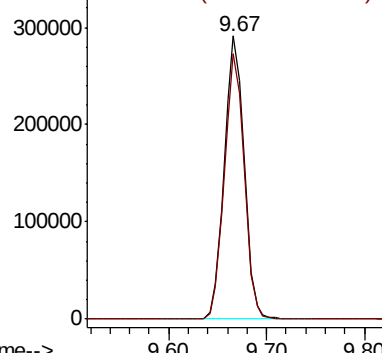
Ion Ratio Lower Upper

107 100

109 93.9 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: 49.160 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

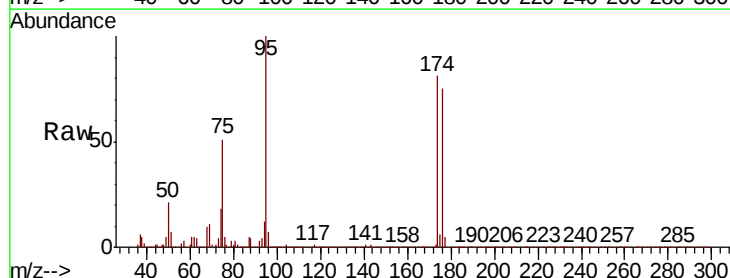
Tgt Ion: 95 Resp: 462066

Ion Ratio Lower Upper

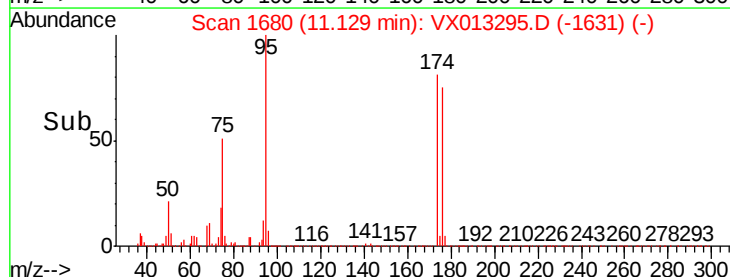
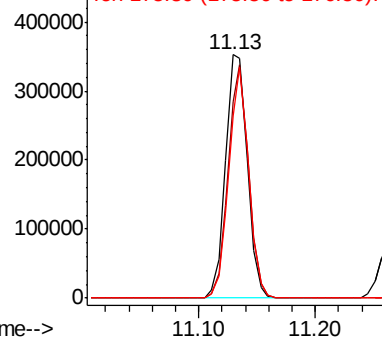
95 100

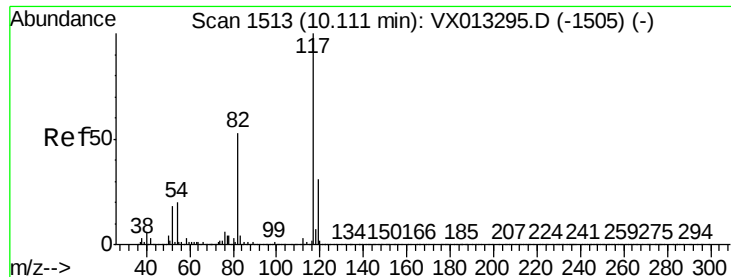
174 89.9 0.0 179.8

176 86.5 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

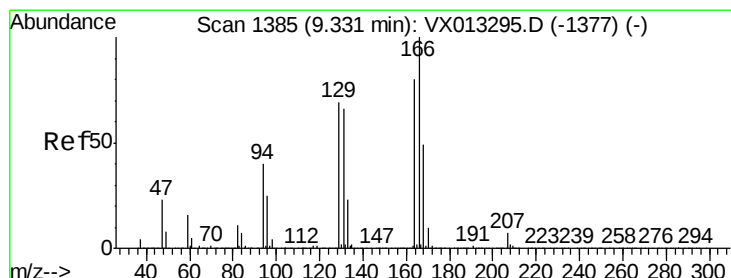
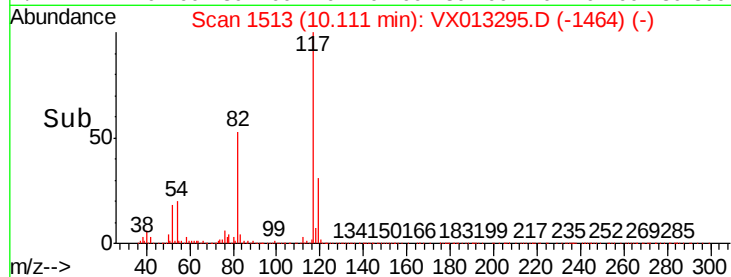
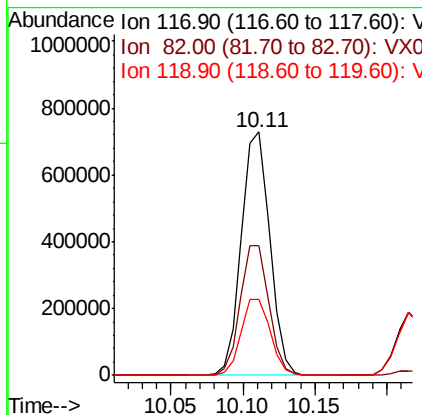
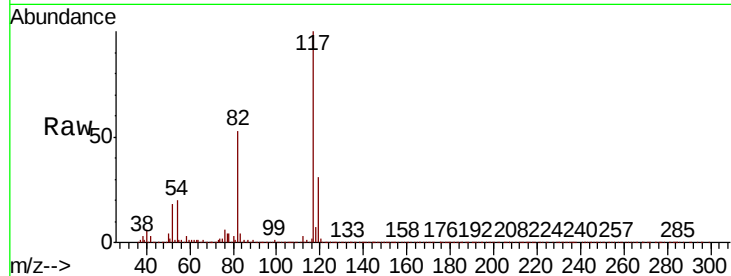




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

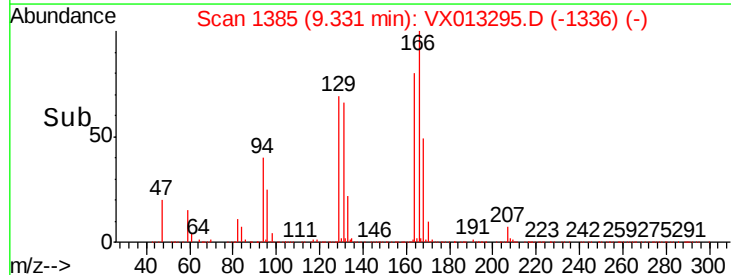
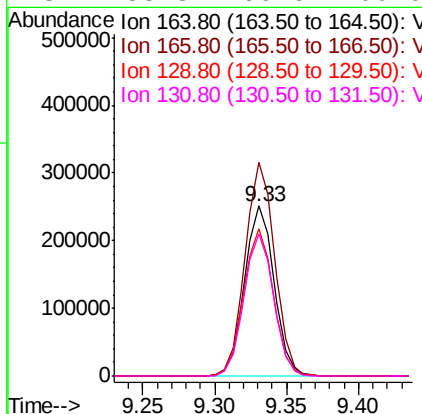
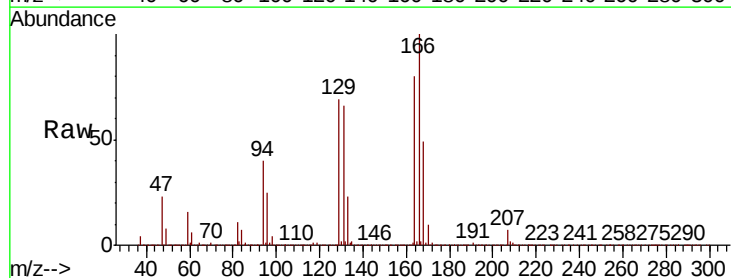
Instrument :
MSVOA_X
ClientSampleId :

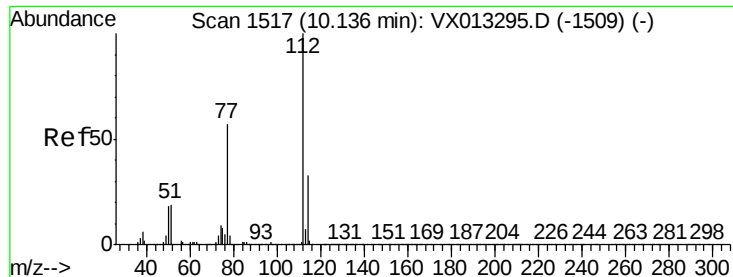
Tot Ion:117 Resp: 1000740
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 31.0 24.8 37.2



#64
Tetrachloroethene
Concen: 45.352 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion:164 Resp: 353449
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 86.8 69.4 104.2
131 83.3 66.6 100.0





#65

Chlorobenzene

Concen: 48.643 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

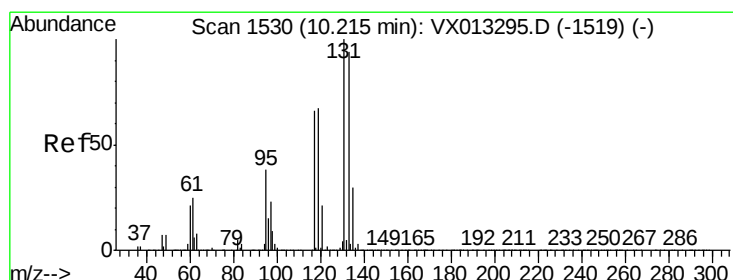
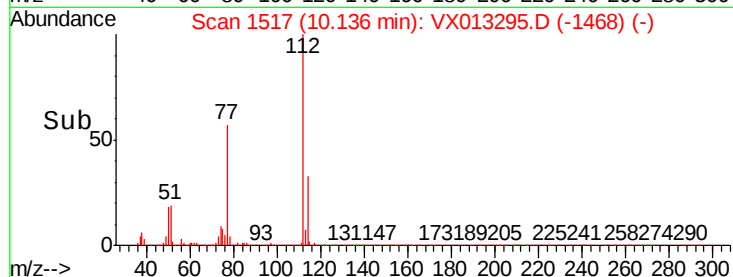
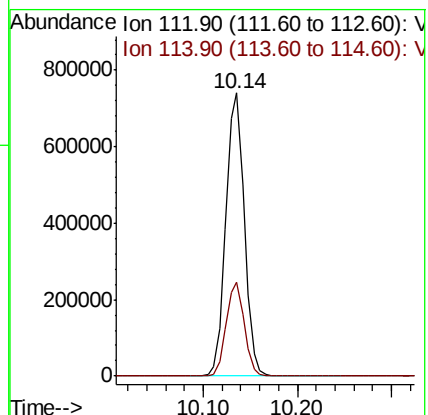
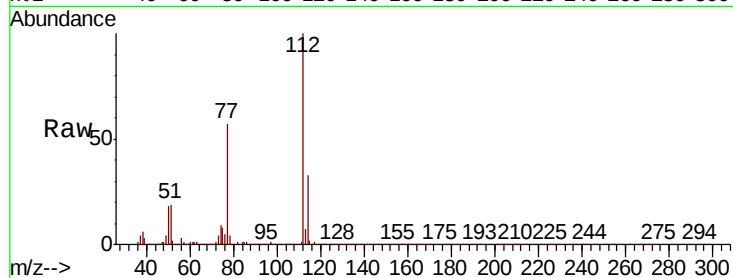
ClientSampleId :

Tot Ion:112 Resp: 1002912

Ion Ratio Lower Upper

112 100

114 33.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.214 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

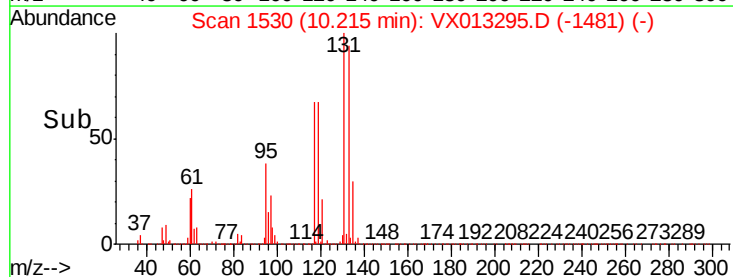
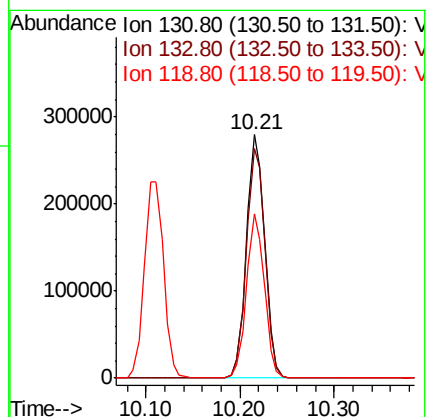
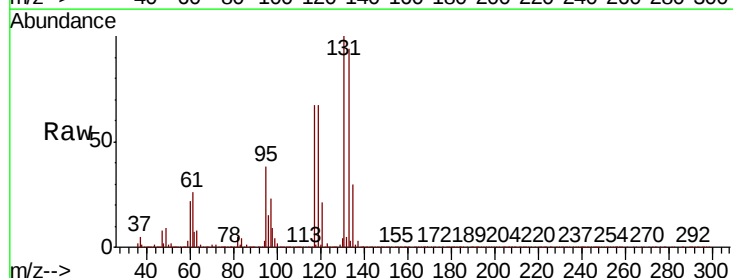
Tgt Ion:131 Resp: 378719

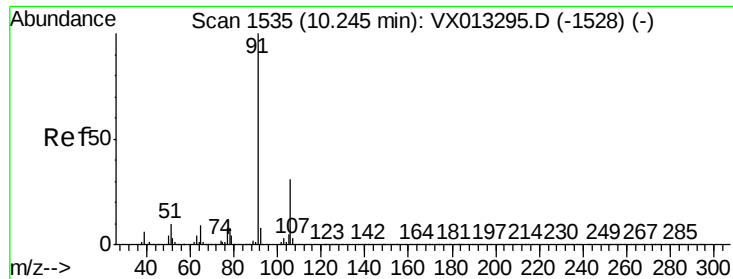
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 66.0 33.0 99.0





#67

Ethyl Benzene

Concen: 50.840 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

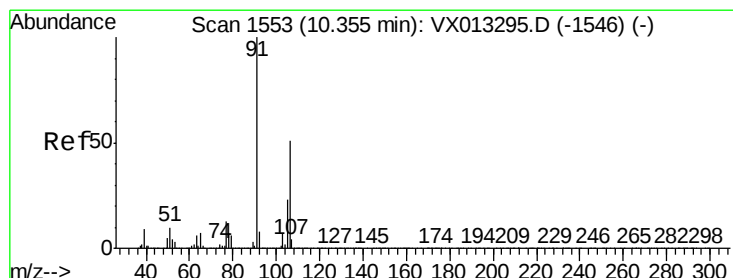
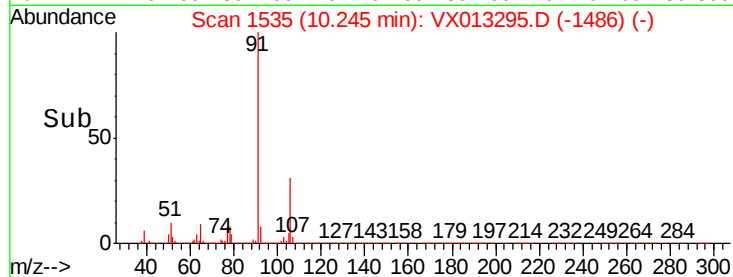
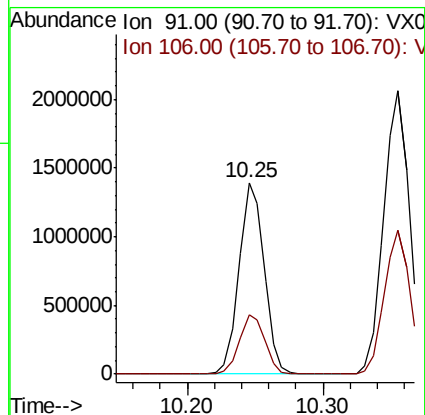
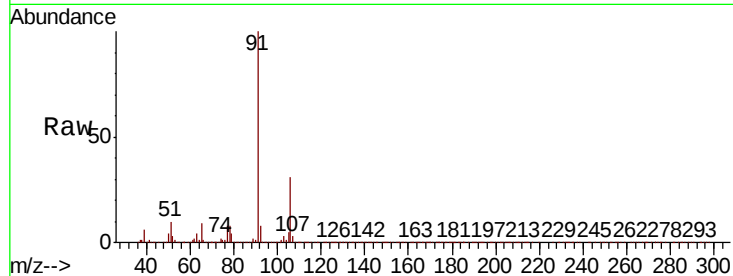
ClientSampleId :

Tot Ion: 91 Resp: 1786863

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 101.680 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013295.D

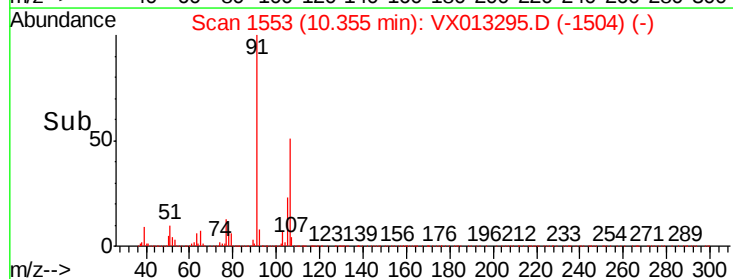
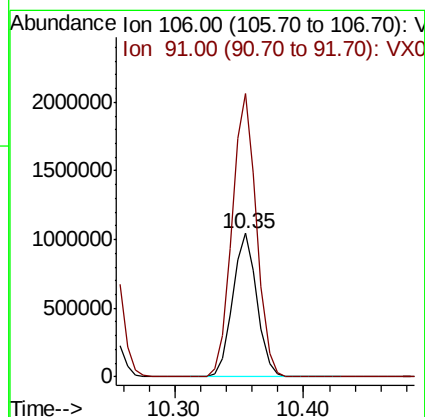
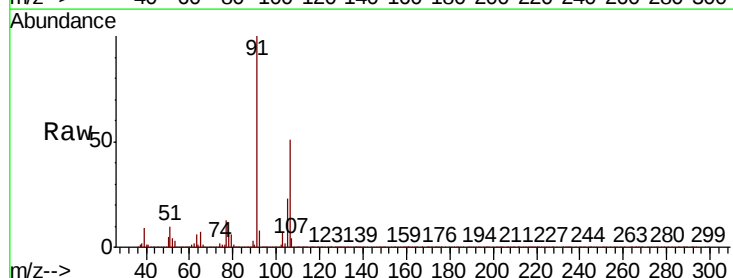
Acq: 31 Oct 2019 17:29

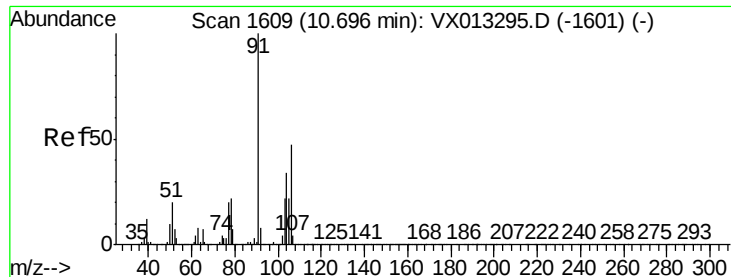
Tgt Ion:106 Resp: 1370719

Ion Ratio Lower Upper

106 100

91 199.1 159.3 238.9

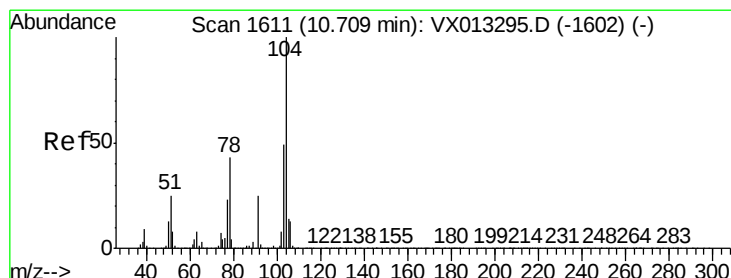
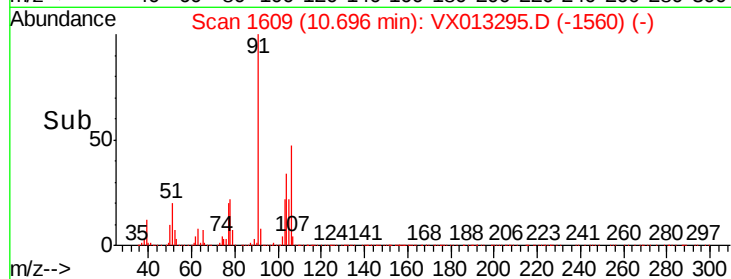
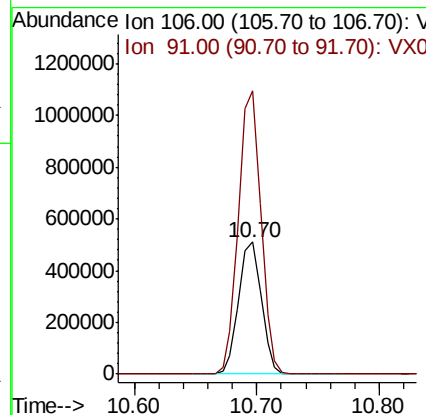
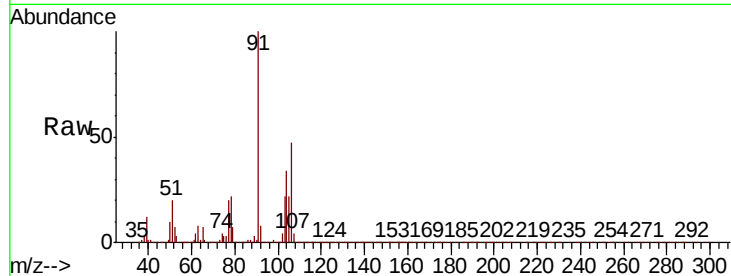




#69
o-Xylene
Concen: 50.154 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

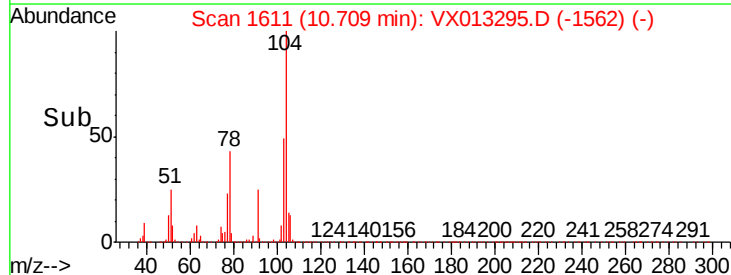
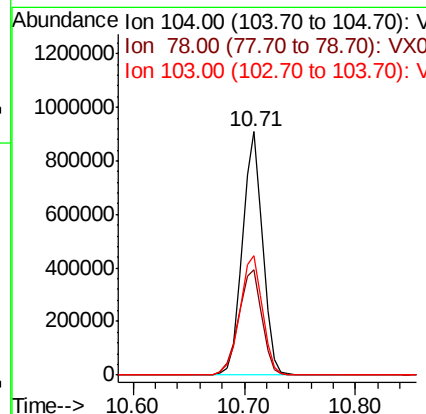
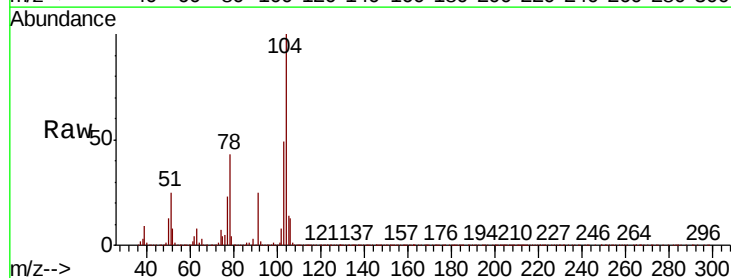
Instrument :
MSVOA_X
ClientSampleId :

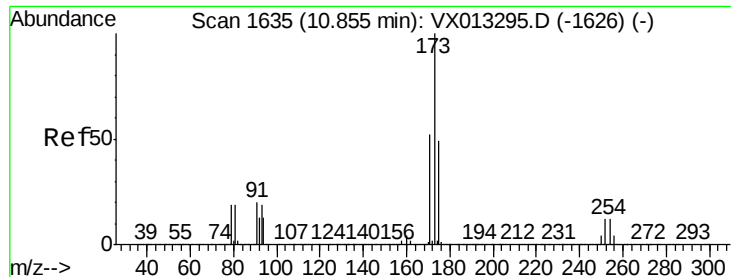
Tot Ion:106 Resp: 657641
Ion Ratio Lower Upper
106 100
91 211.3 105.7 317.0



#70
Styrene
Concen: 52.030 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion:104 Resp: 1138891
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.1 44.1 66.1

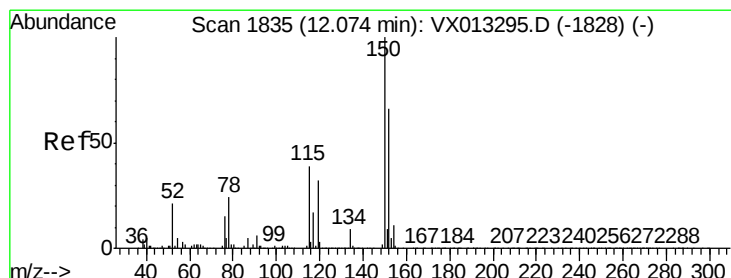
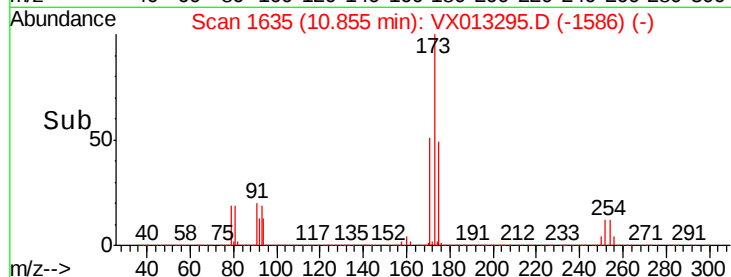
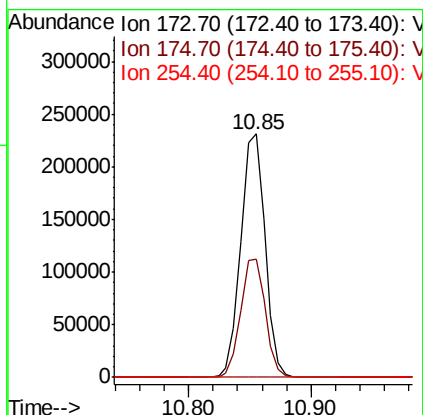
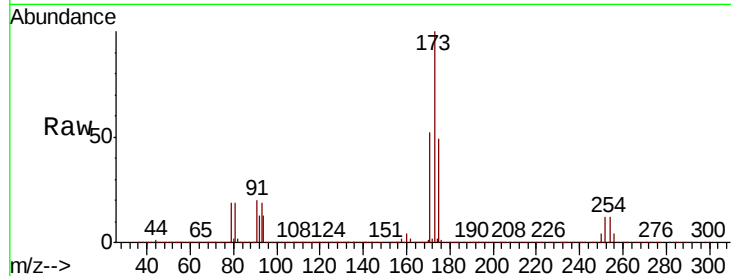




#71
Bromoform
Concen: 54.734 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

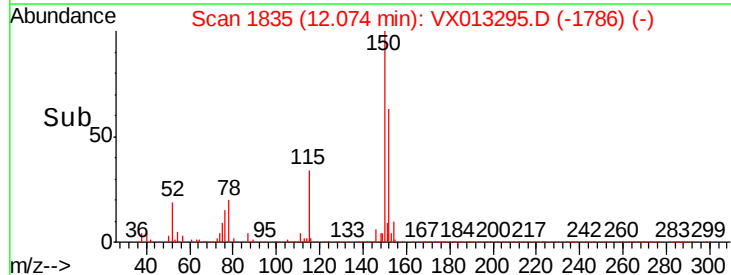
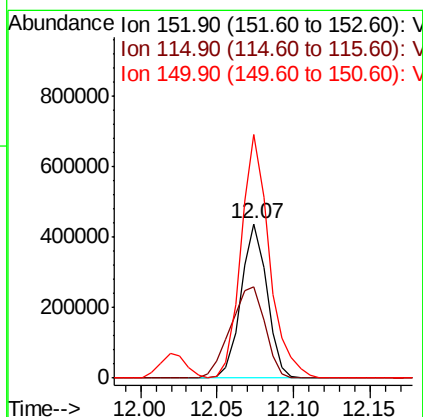
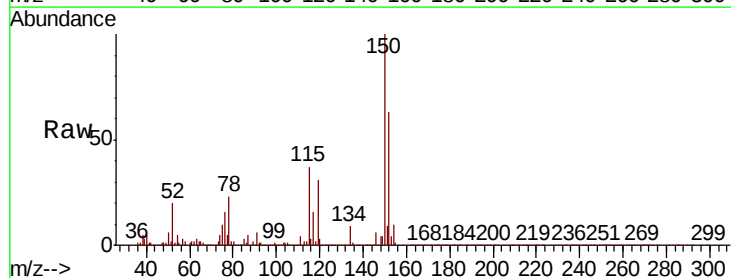
Instrument :
MSVOA_X
ClientSampleId :

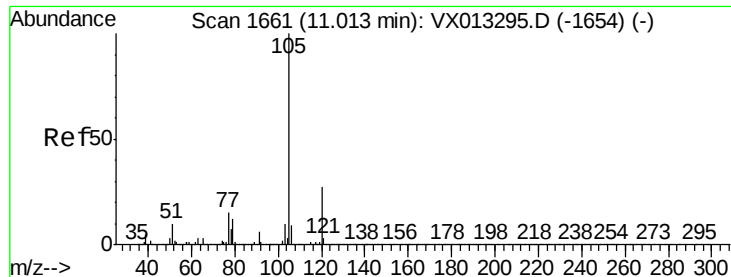
Tot Ion:173 Resp: 318144
Ion Ratio Lower Upper
173 100
175 49.6 24.8 74.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion:152 Resp: 512345
Ion Ratio Lower Upper
152 100
115 78.9 39.5 118.3
150 172.2 0.0 344.4





#73

Isopropylbenzene

Concen: 50.155 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

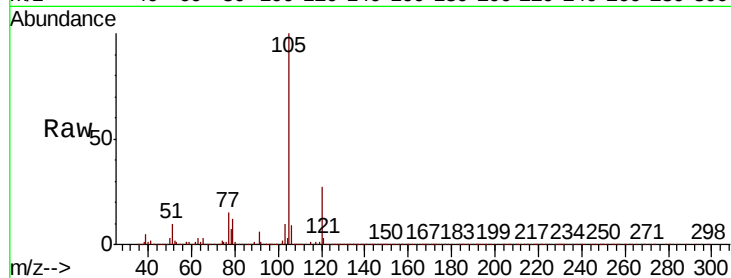
ClientSampleId :

Tot Ion:105 Resp: 1748940

Ion Ratio Lower Upper

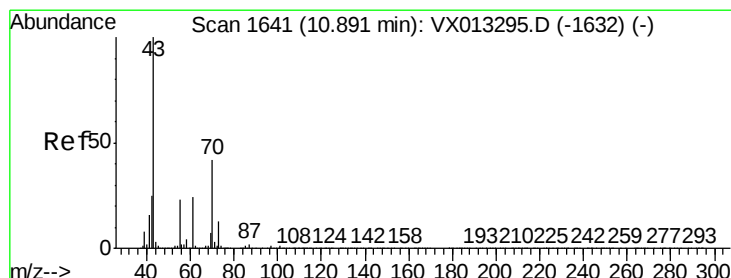
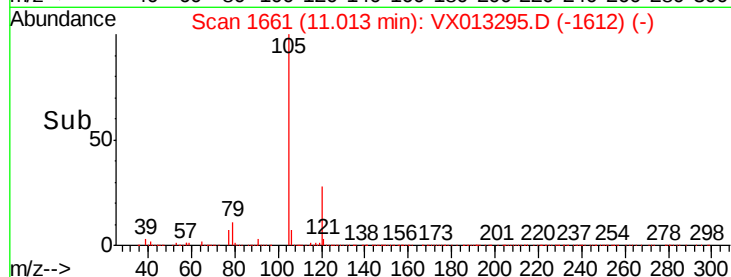
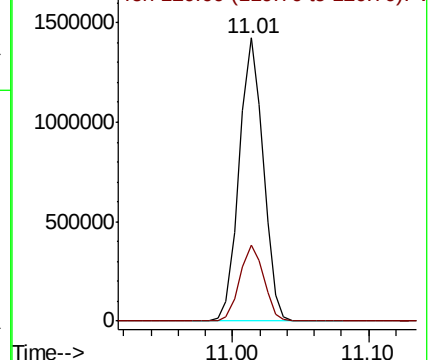
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 62.045 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion: 43 Resp: 859062

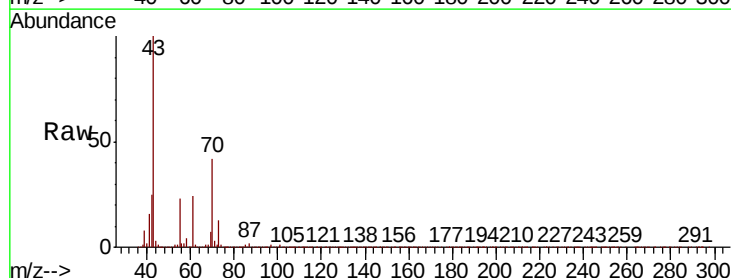
Ion Ratio Lower Upper

43 100

70 42.6 34.1 51.1

55 23.6 18.9 28.3

61 24.0 19.2 28.8

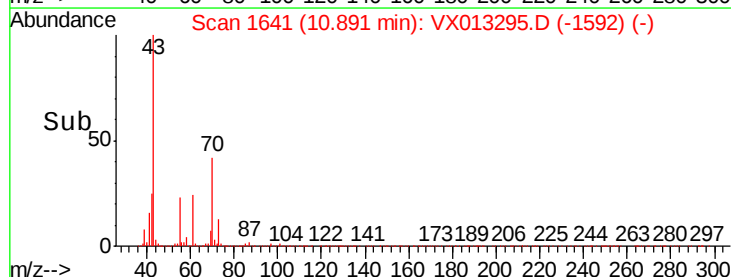
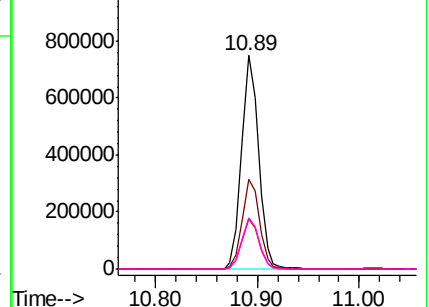


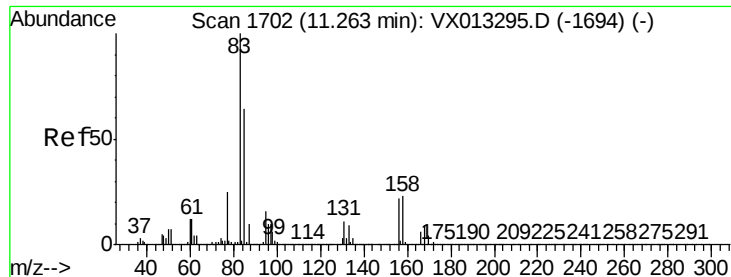
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.308 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

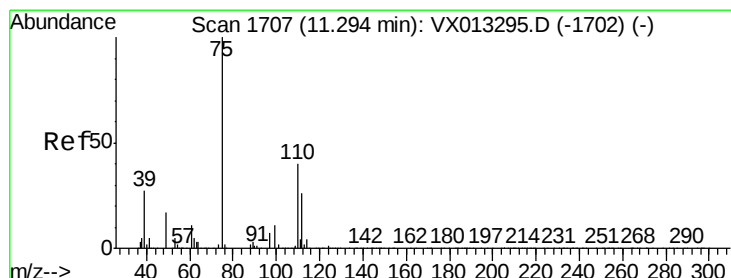
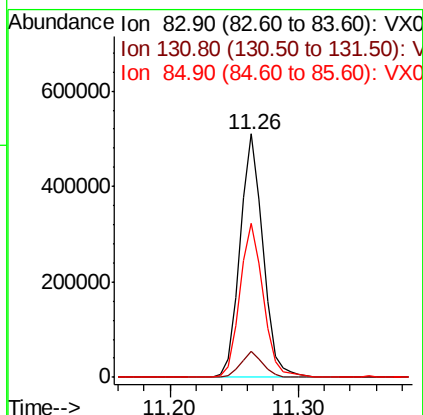
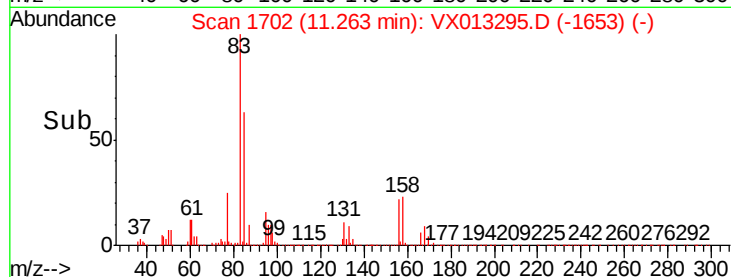
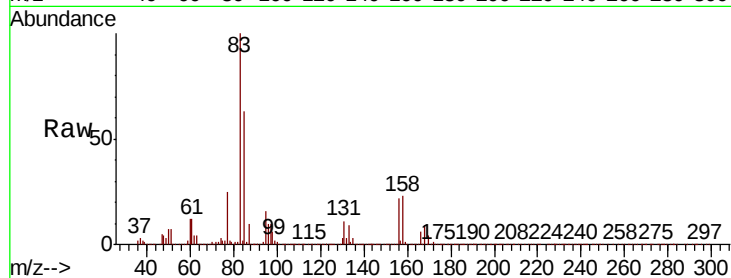
Tot Ion: 83 Resp: 628355

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 76.546 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013295.D

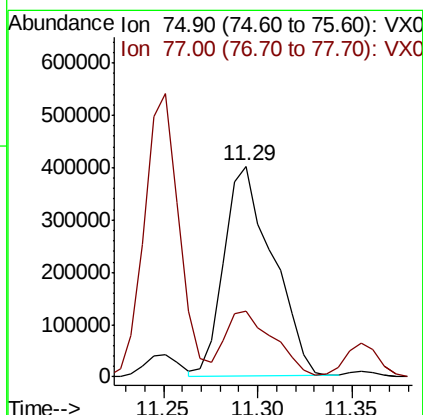
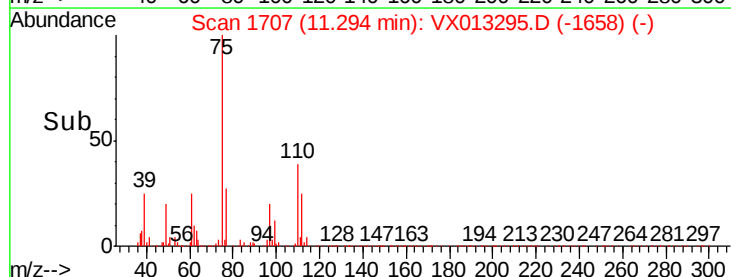
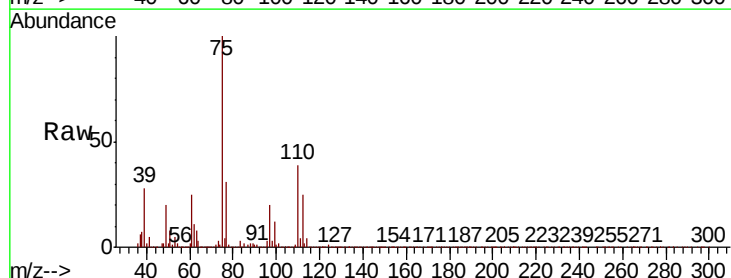
Acq: 31 Oct 2019 17:29

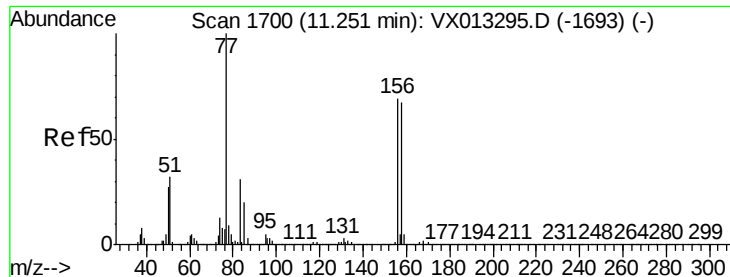
Tgt Ion: 75 Resp: 718454

Ion Ratio Lower Upper

75 100

77 31.1 22.3 66.8





#77

Bromobenzene

Concen: 48.226 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

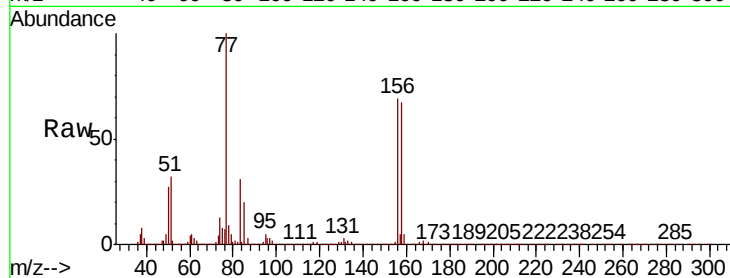
Tot Ion:156 Resp: 460884

Ion Ratio Lower Upper

156 100

77 151.6 75.8 227.4

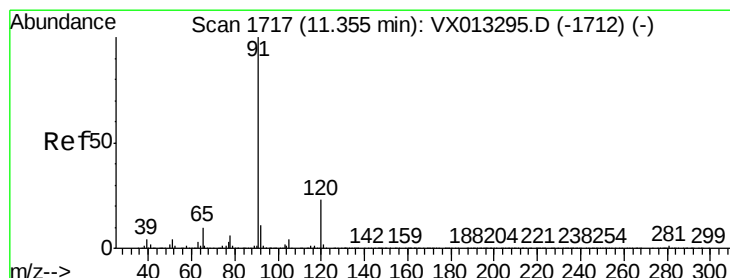
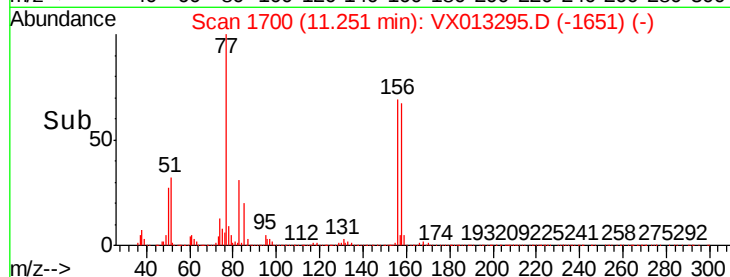
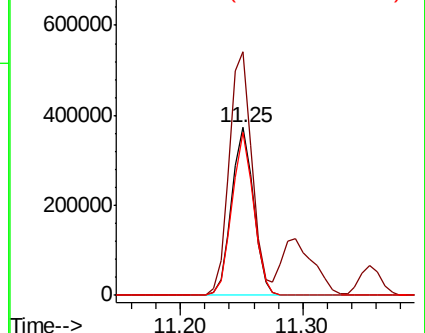
158 95.2 47.6 142.8



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: 51.854 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013295.D

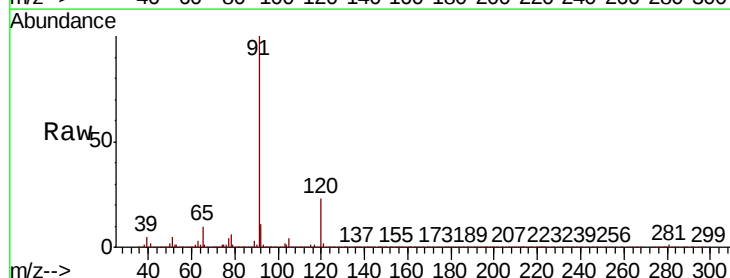
Acq: 31 Oct 2019 17:29

Tgt Ion: 91 Resp: 2002043

Ion Ratio Lower Upper

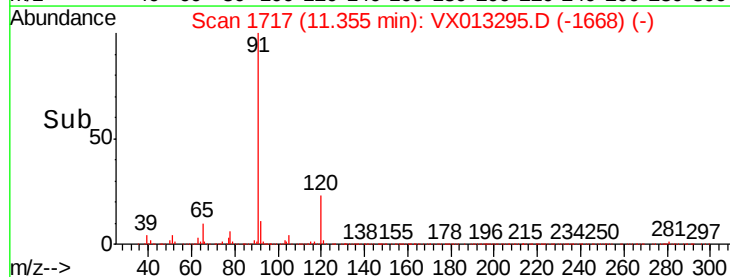
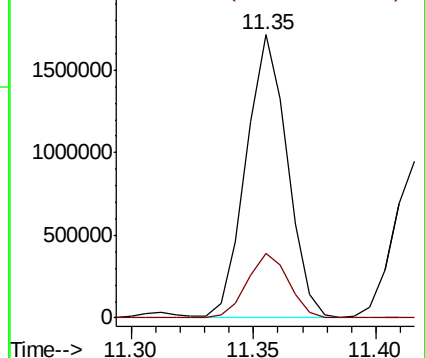
91 100

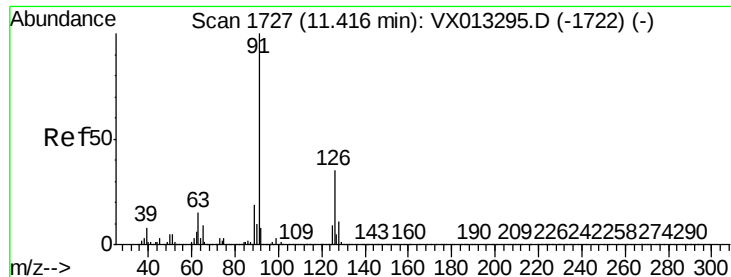
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.627 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

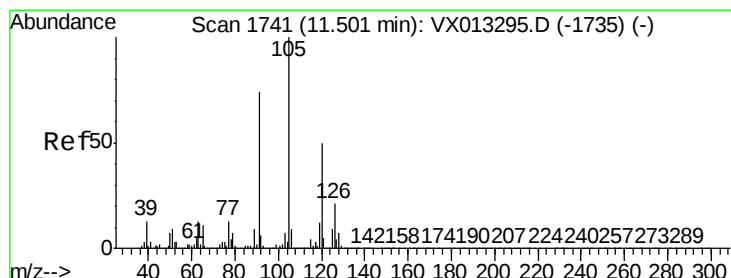
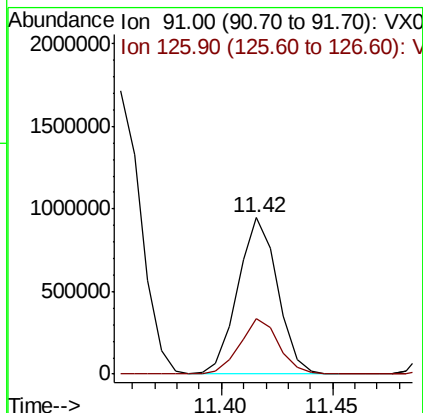
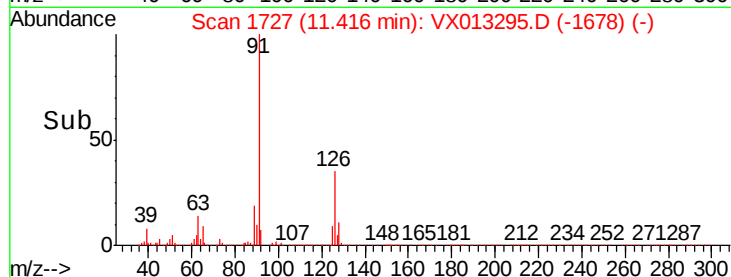
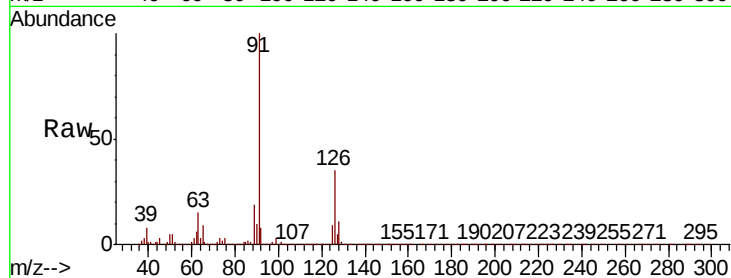
ClientSampleId :

Tot Ion: 91 Resp: 1172533

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 50.834 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013295.D

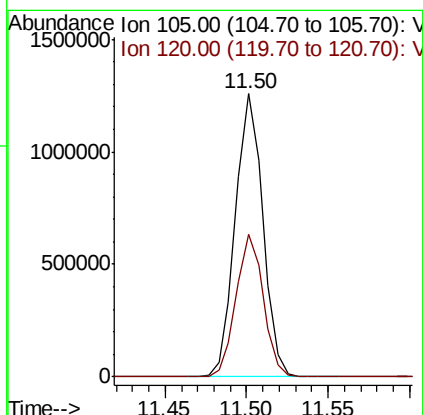
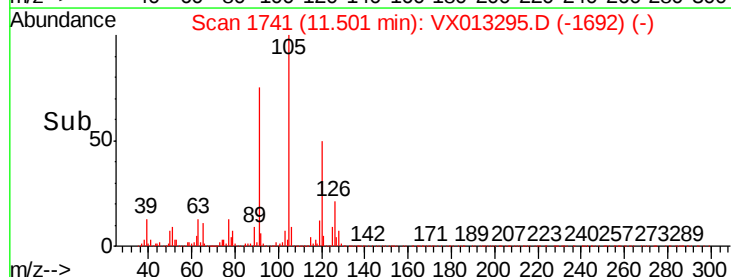
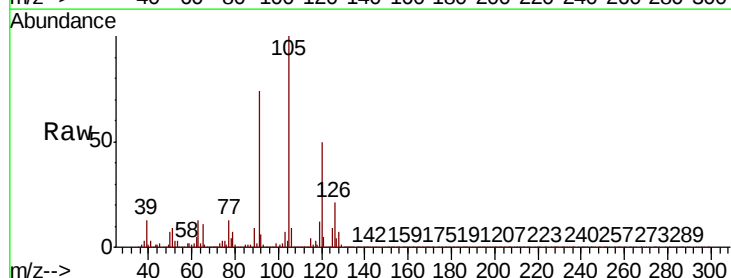
Acq: 31 Oct 2019 17:29

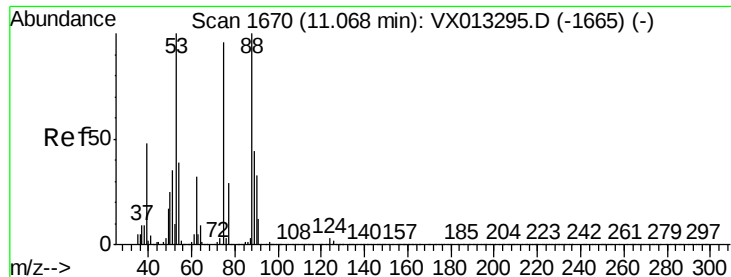
Tgt Ion: 105 Resp: 1476757

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8

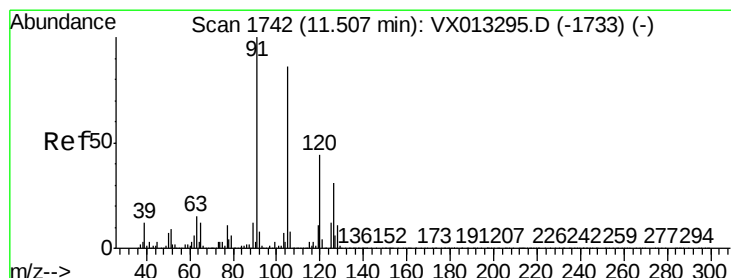
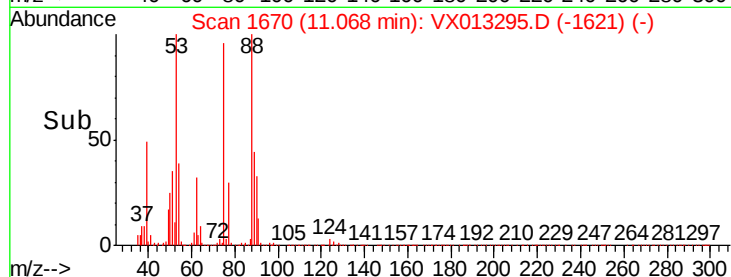
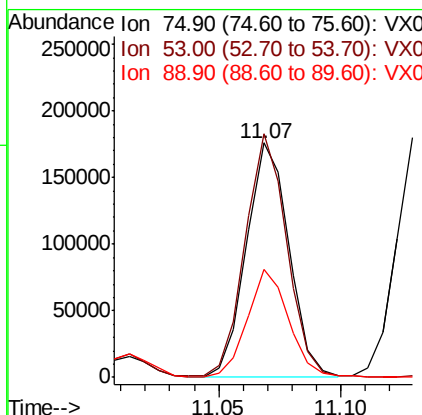
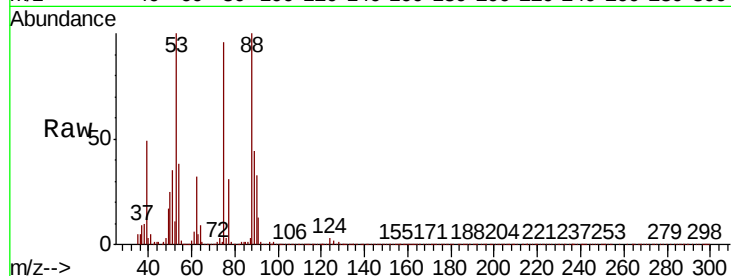




#81
trans-1,4-Dichloro-2-butene
Concen: 60.374 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

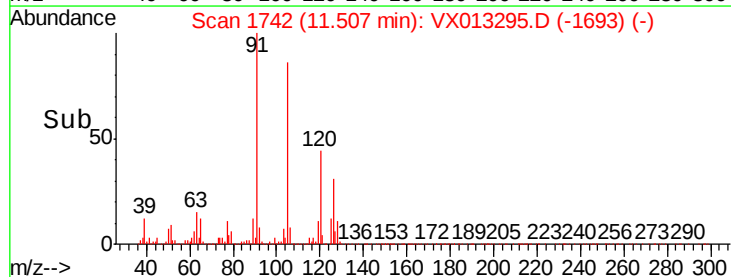
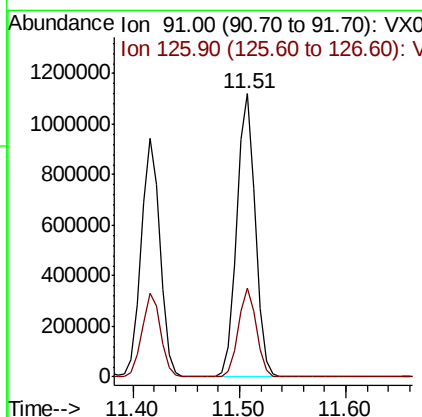
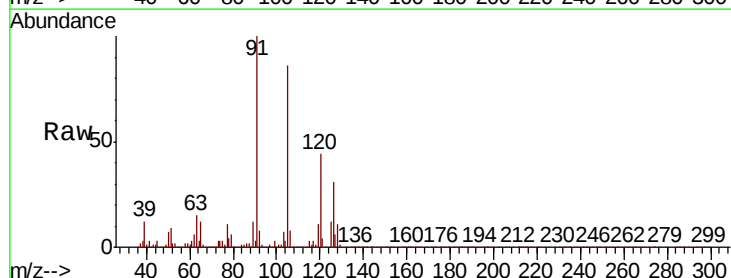
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 213269
Ion Ratio Lower Upper
75 100
53 101.3 81.0 121.6
89 45.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 50.733 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 91 Resp: 1367383
Ion Ratio Lower Upper
91 100
126 30.5 15.3 45.8

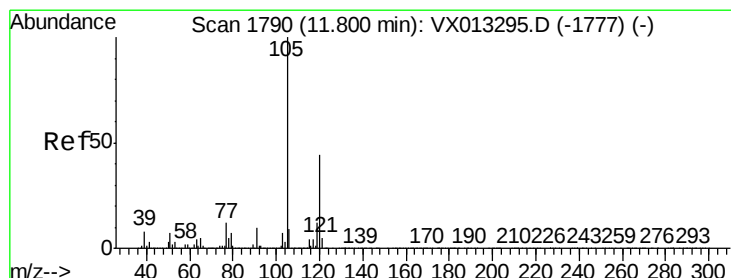
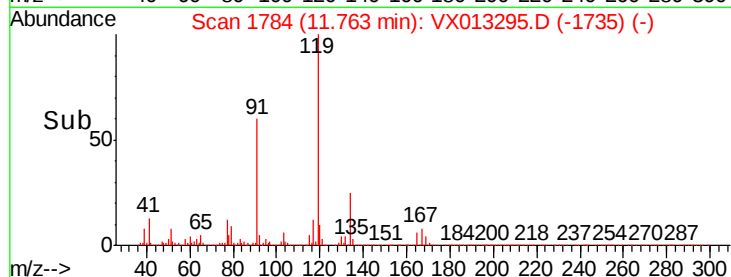
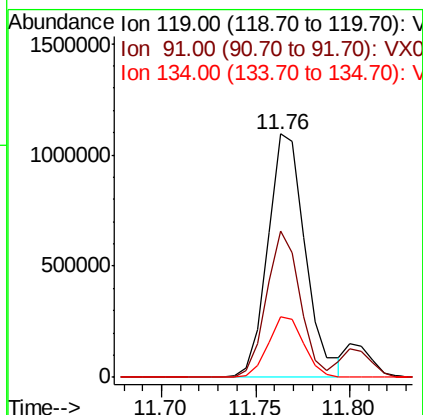
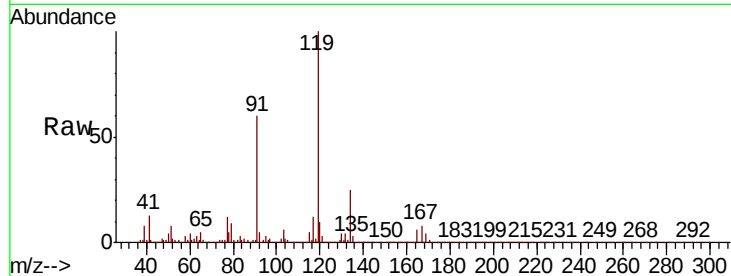




#83
tert-Butylbenzene
Concen: 52.438 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

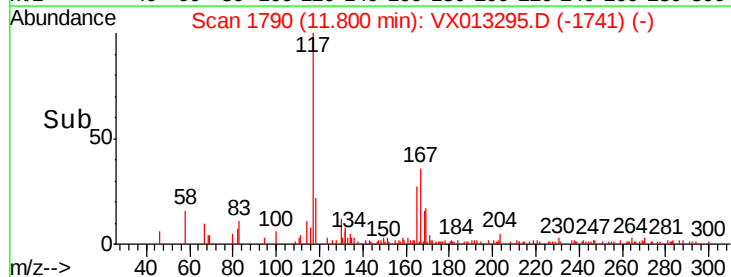
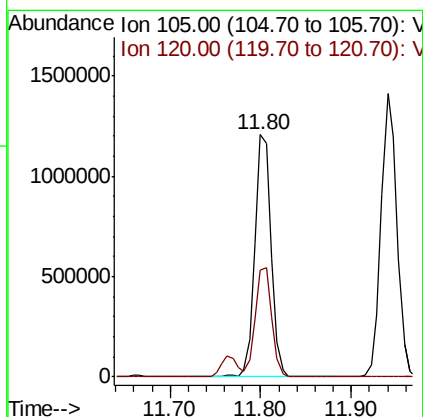
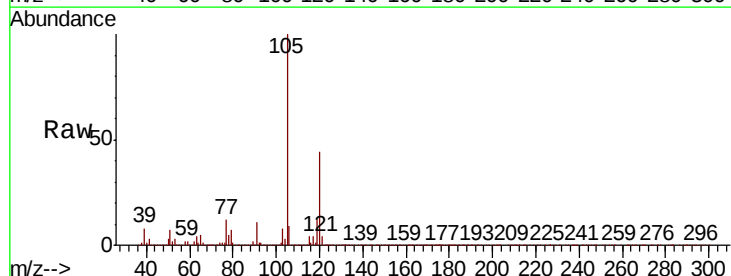
Instrument :
MSVOA_X
ClientSampled :

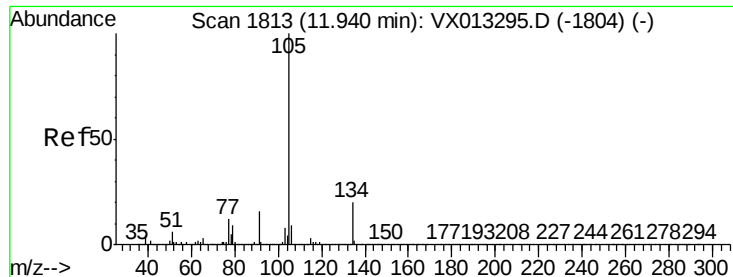
Tot Ion:119 Resp: 1507774
Ion Ratio Lower Upper
119 100
91 53.8 26.9 80.7
134 23.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 51.078 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion:105 Resp: 1497854
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.014 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

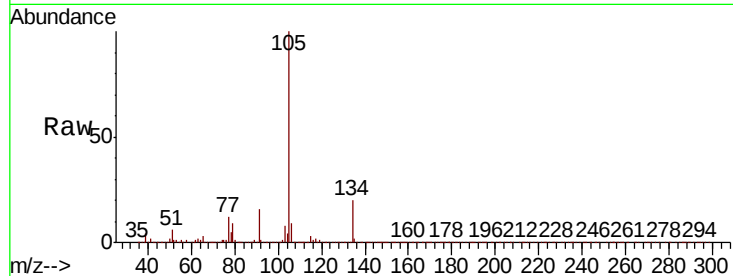
ClientSampleId :

Tot Ion:105 Resp: 1705038

Ion Ratio Lower Upper

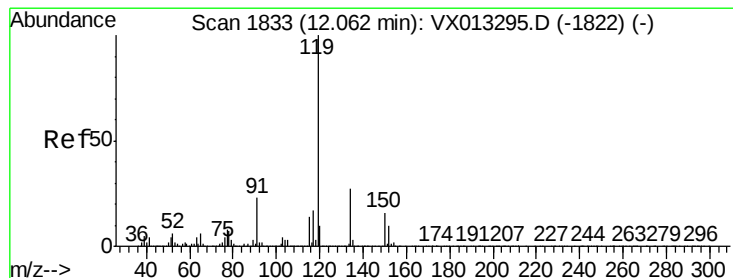
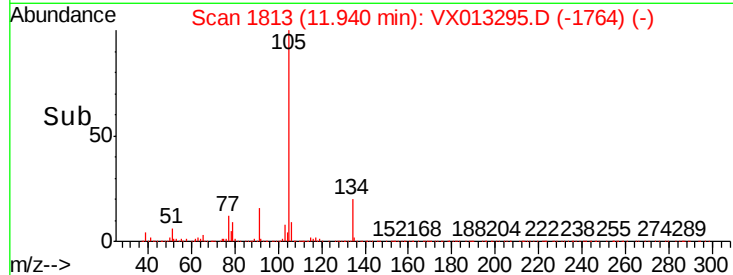
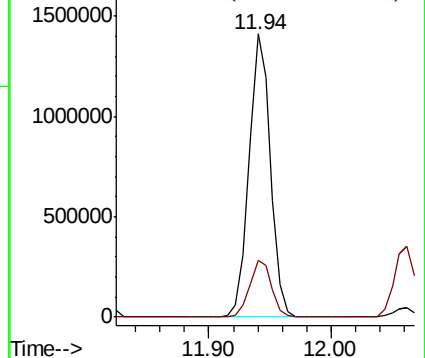
105 100

134 20.6 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.484 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

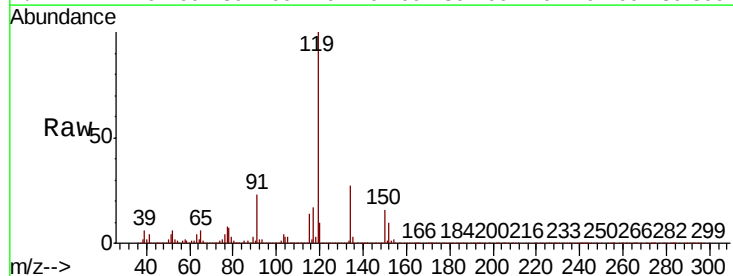
Tgt Ion:119 Resp: 1592195

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

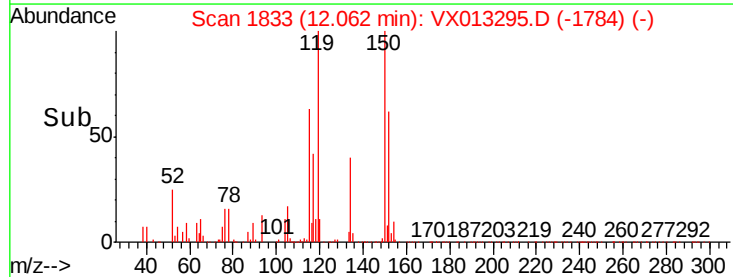
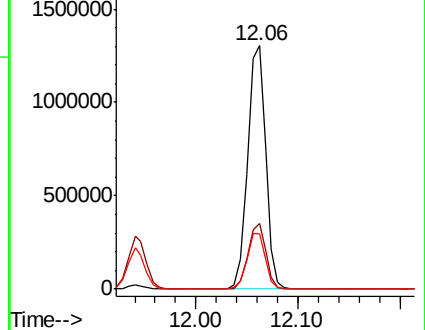
91 22.9 11.5 34.4

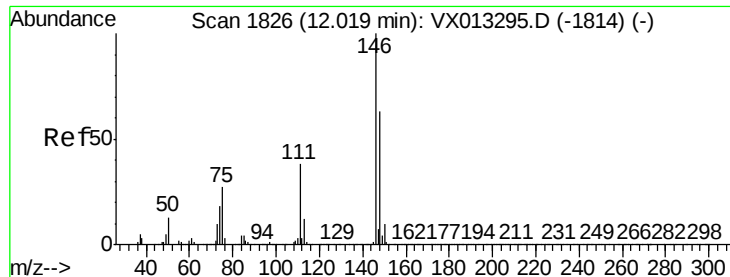


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

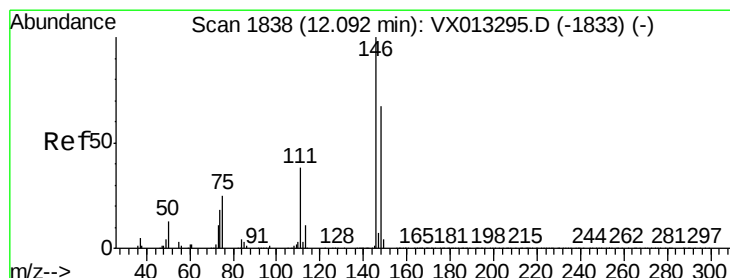
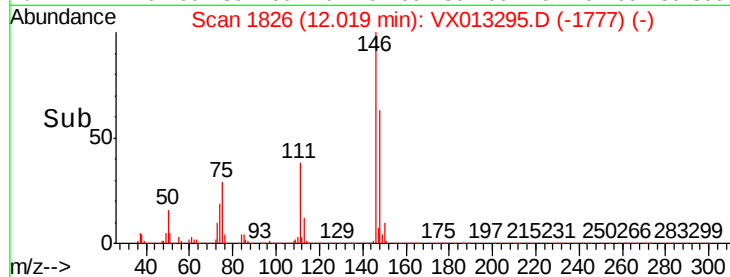
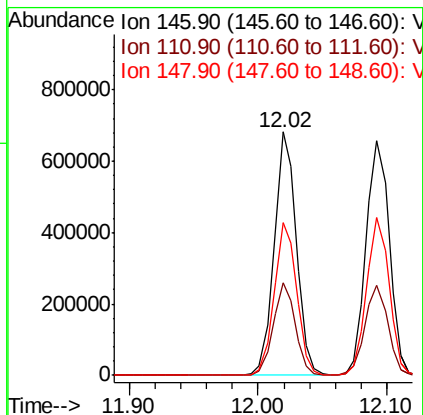
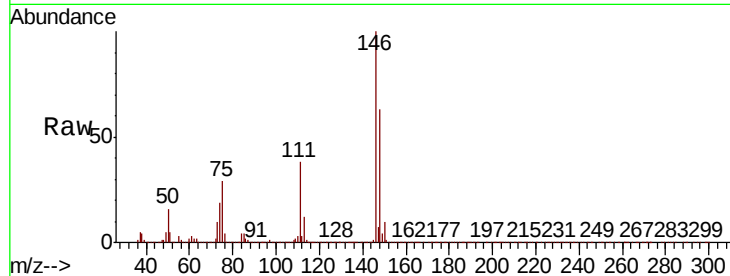




#87
 1,3-Dichlorobenzene
 Concen: 49.488 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

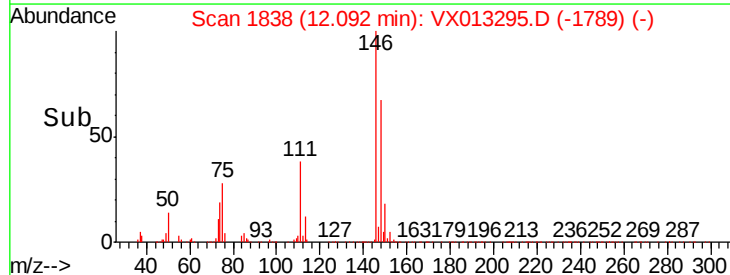
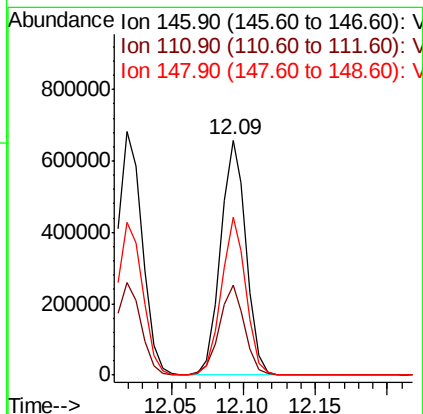
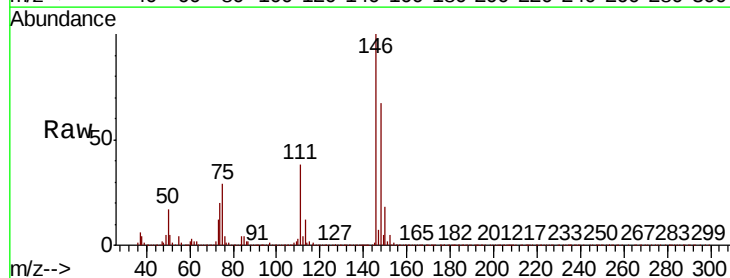
Instrument :
 MSVOA_X
 ClientSampleId :

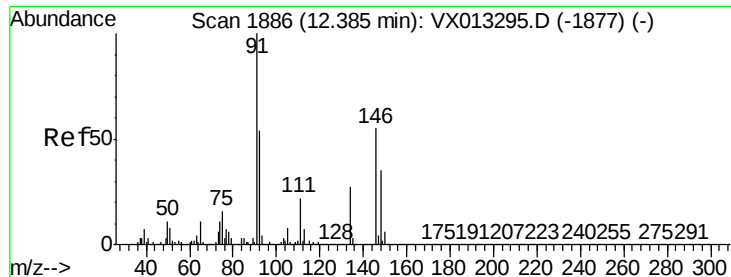
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	63.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.102 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 52.793 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

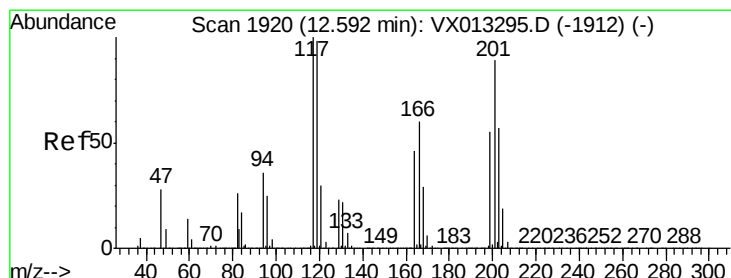
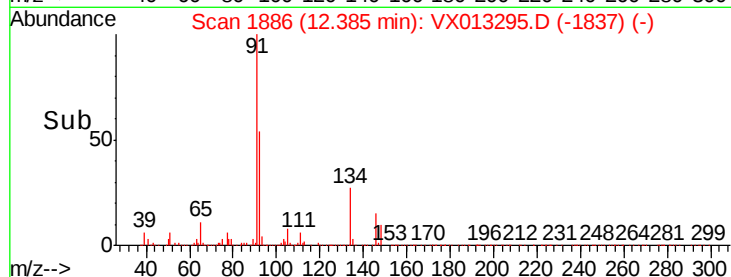
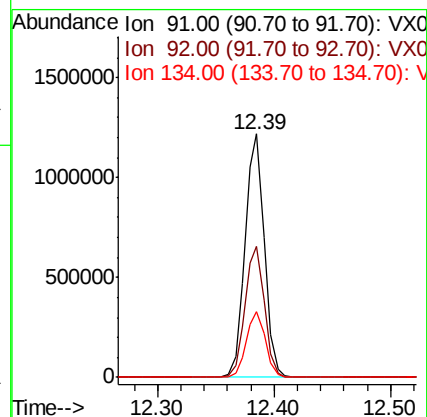
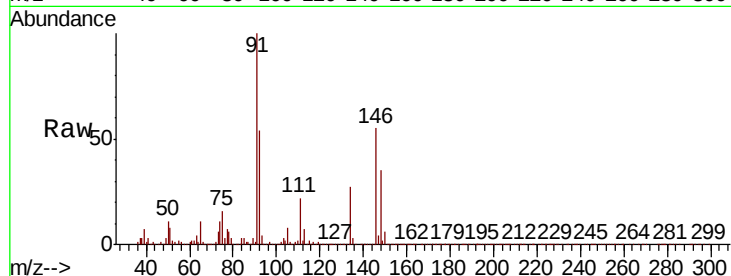
Tot Ion: 91 Resp: 1399434

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 27.0 13.5 40.5



#90

Hexachloroethane

Concen: 56.426 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013295.D

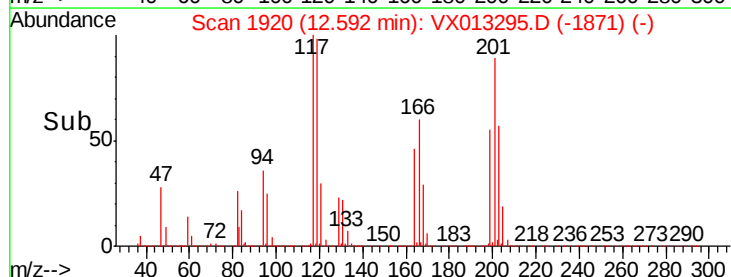
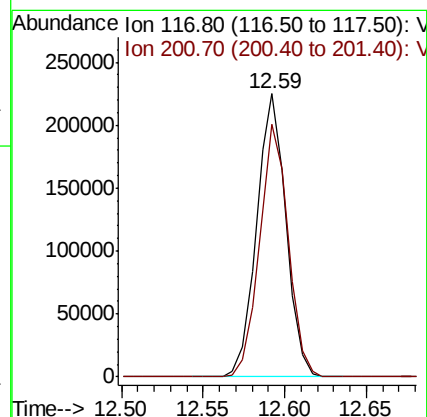
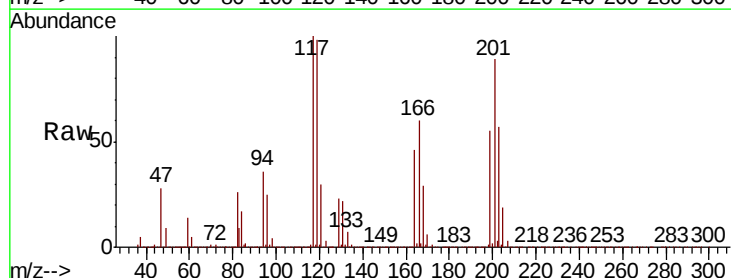
Acq: 31 Oct 2019 17:29

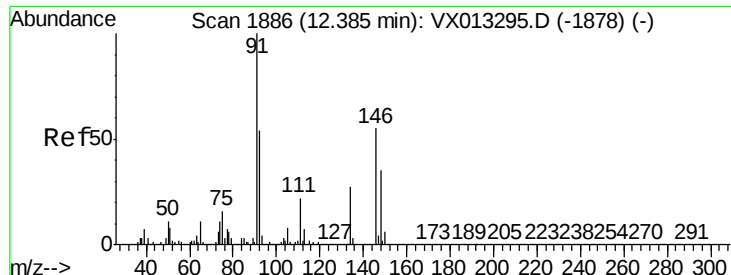
Tgt Ion: 117 Resp: 280303

Ion Ratio Lower Upper

117 100

201 87.8 43.9 131.7

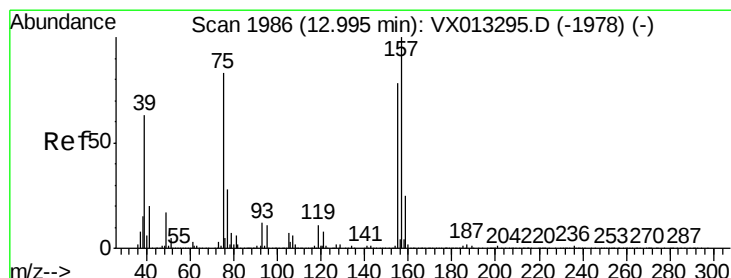
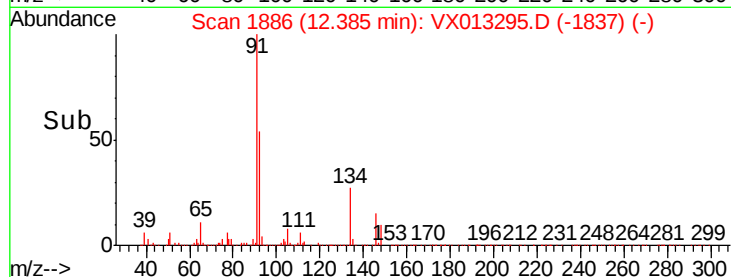
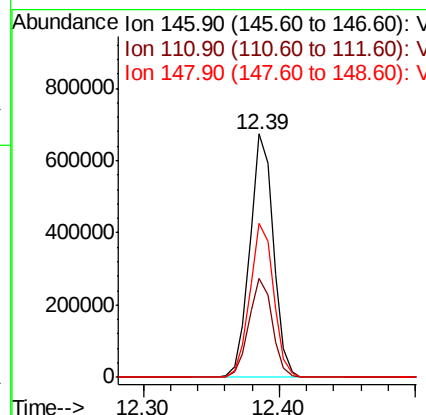
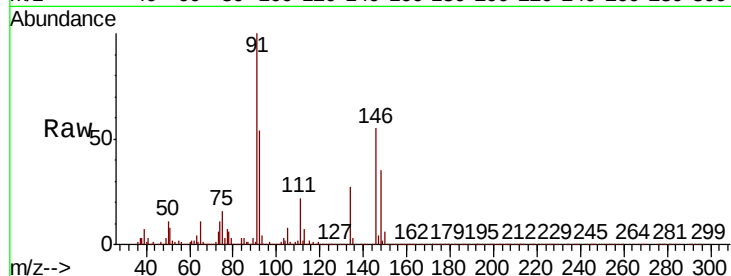




#91
 1,2-Dichlorobenzene
 Concen: 49.654 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

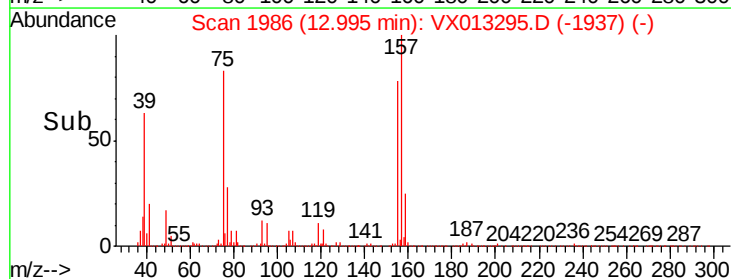
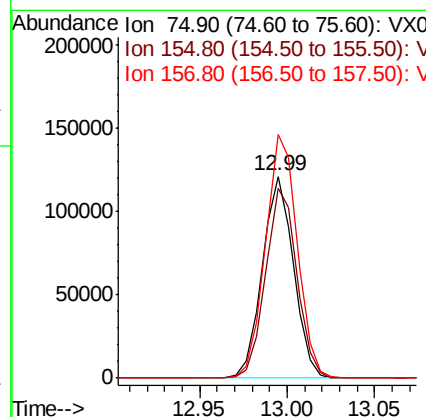
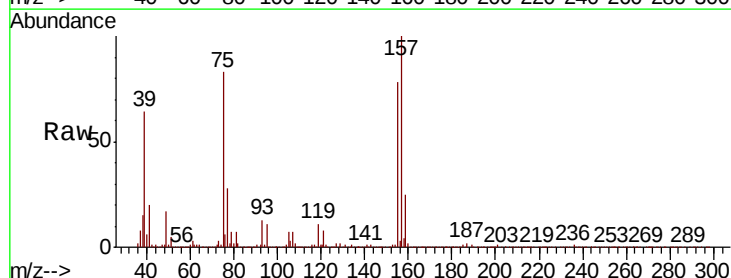
Instrument :
 MSVOA_X
 ClientSampleId :

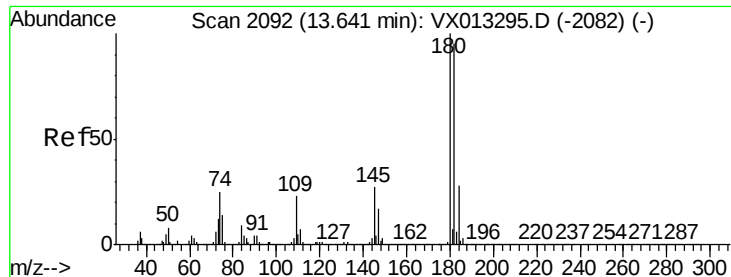
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.0	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.759 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	47.1	141.4
157	122.5	61.3	183.8

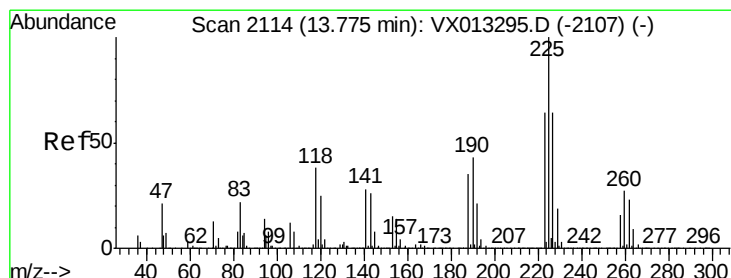
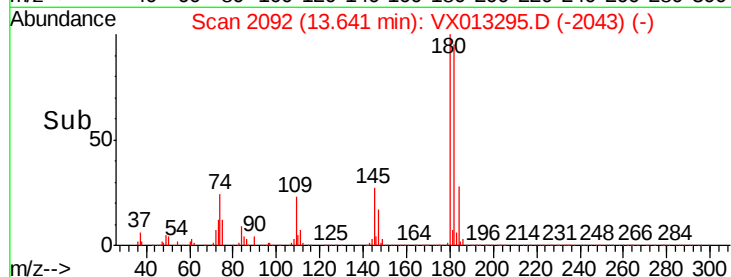
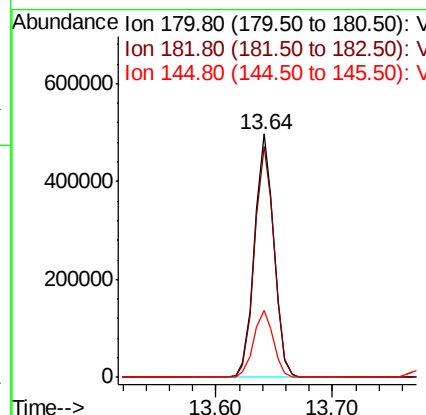
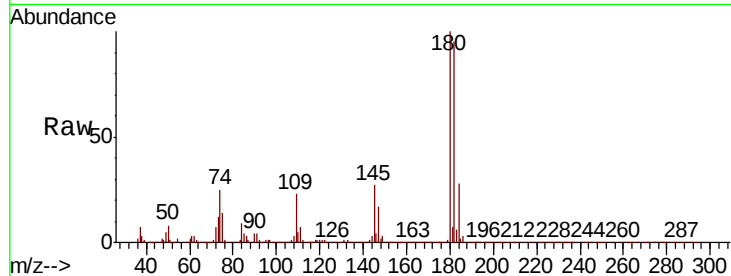




#93
 1,2,4-Trichlorobenzene
 Concen: 51.721 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

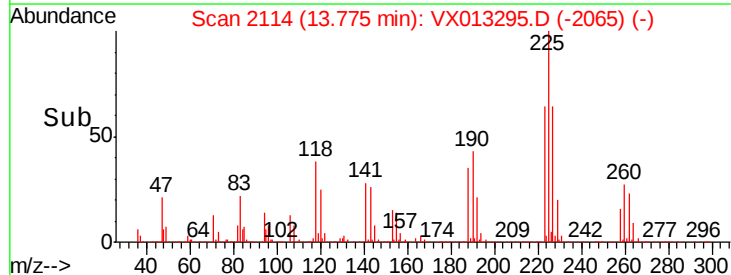
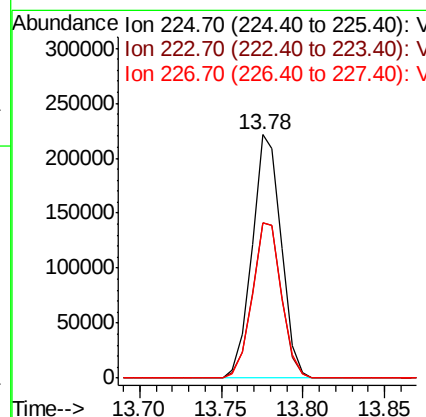
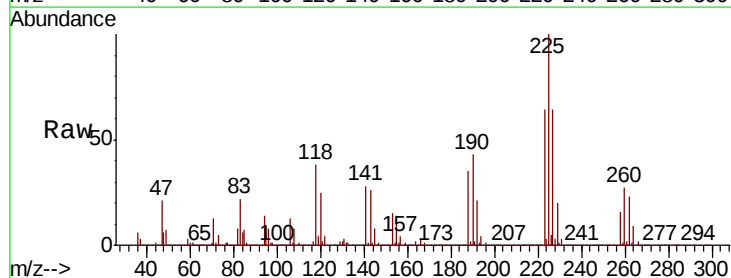
Instrument :
 MSVOA_X
 ClientSampleId :

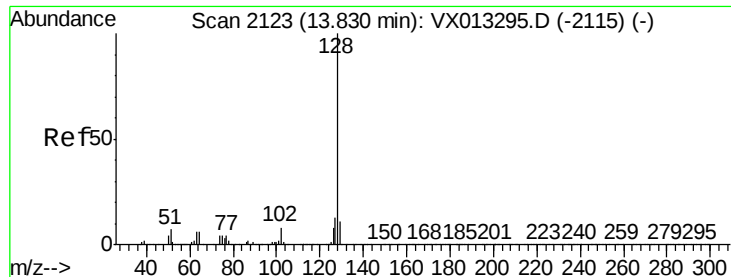
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.0
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 49.832 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	63.9	31.9	95.9

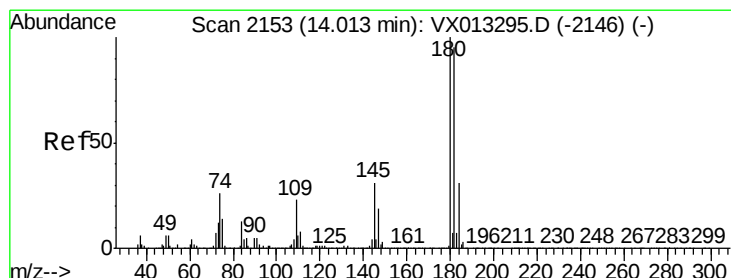
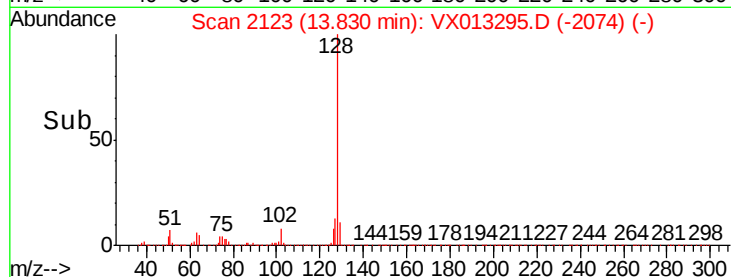
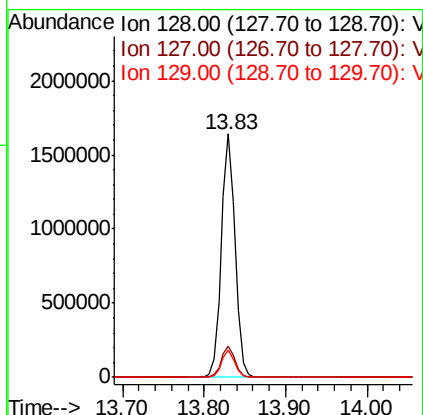
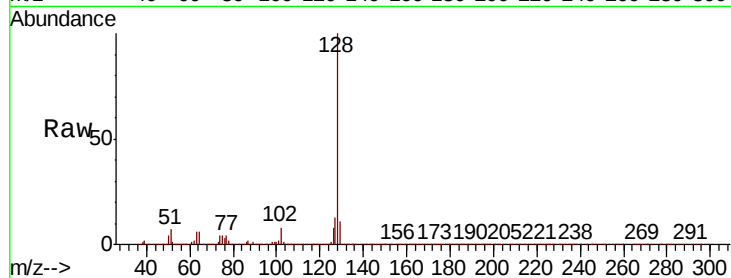




#95
Naphthalene
Concen: 57.467 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1935744
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 52.457 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion:180 Resp: 586773
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.2
145 30.9 15.4 46.4

