

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015731.D
 Acq On : 17 Apr 2020 12:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:11:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	995033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1448974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1333285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	723851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	612909	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
35) Dibromofluoromethane	5.46	113	484512	52.31	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	8.70	98	1811132	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	11.12	95	730756	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	397208	45.310	ug/l	99
3) Chloromethane	1.31	50	497181	44.534	ug/l	99
4) Vinyl Chloride	1.39	62	505237	49.287	ug/l	99
5) Bromomethane	1.62	94	226453	47.523	ug/l	99
6) Chloroethane	1.70	64	319185	50.205	ug/l	99
7) Trichlorofluoromethane	1.91	101	722605	52.563	ug/l	98
8) Diethyl Ether	2.17	74	295395	50.943	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	490196	54.697	ug/l	97
10) Methyl Iodide	2.49	142	587003	48.581	ug/l	97
11) Tert butyl alcohol	3.01	59	651066	193.823	ug/l	98
12) 1,1-Dichloroethene	2.35	96	460355	49.004	ug/l	94
13) Acrolein	2.27	56	576862	301.472	ug/l	100
14) Allyl chloride	2.70	41	1024317	46.665	ug/l	98
15) Acrylonitrile	3.11	53	1517402	236.872	ug/l	99
16) Acetone	2.42	43	1442477	239.246	ug/l	96
17) Carbon Disulfide	2.55	76	1191994	41.594	ug/l	100
18) Methyl Acetate	2.75	43	752312	48.888	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	1776951	48.771	ug/l	99
20) Methylene Chloride	2.83	84	539200	47.879	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	512108	49.120	ug/l	95
22) Diisopropyl ether	3.82	45	1942546	49.943	ug/l	97
23) Vinyl Acetate	3.78	43	8374306	237.796	ug/l	99
24) 1,1-Dichloroethane	3.67	63	983591	48.029	ug/l	99
25) 2-Butanone	4.63	43	2209875	227.908	ug/l	99
26) 2,2-Dichloropropane	4.55	77	894015	53.185	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	604284	50.098	ug/l	99
28) Bromochloromethane	4.98	49	457463	46.786	ug/l	96
29) Tetrahydrofuran	5.09	42	1391473	223.225	ug/l	99
30) Chloroform	5.17	83	975410	49.506	ug/l	94
31) Cyclohexane	5.54	56	882298	49.663	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	887565	49.777	ug/l	99
36) 1,1-Dichloropropene	5.76	75	730193	54.693	ug/l	99
37) Ethyl Acetate	4.79	43	845141	48.617	ug/l	100
38) Carbon Tetrachloride	5.75	117	773732	53.508	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015731.D
 Acq On : 17 Apr 2020 12:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:11:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	890515	57.851	ug/l	95
40) Benzene	6.11	78	2124307	54.319	ug/l	100
41) Methacrylonitrile	5.00	41	492587	51.046	ug/l	98
42) 1,2-Dichloroethane	6.16	62	827149	52.655	ug/l	98
43) Isopropyl Acetate	6.41	43	1467956	50.024	ug/l	99
44) Trichloroethene	7.18	130	611584	57.341	ug/l	96
45) 1,2-Dichloropropane	7.49	63	575874	53.828	ug/l	96
46) Dibromomethane	7.64	93	375201	53.464	ug/l	96
47) Bromodichloromethane	7.87	83	798700	53.411	ug/l	99
48) Methyl methacrylate	7.75	41	733153	50.019	ug/l	96
49) 1,4-Dioxane	7.72	88	274842	1005.137	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4302091	258.686	ug/l	99
52) Toluene	8.76	92	1386166	57.491	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	909470	51.857	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	977269	54.702	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	560162	56.706	ug/l	97
56) Ethyl methacrylate	9.16	69	920838	52.893	ug/l	97
57) 1,3-Dichloropropane	9.36	76	966404	54.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2147619	253.616	ug/l	99
59) 2-Hexanone	9.47	43	3313325	263.890	ug/l	98
60) Dibromochloromethane	9.56	129	662277	55.793	ug/l	99
61) 1,2-Dibromoethane	9.65	107	584690	54.434	ug/l	98
64) Tetrachloroethene	9.32	164	582292	57.871	ug/l	97
65) Chlorobenzene	10.12	112	1543664	58.055	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	587844	55.338	ug/l	98
67) Ethyl Benzene	10.23	91	2682088	56.873	ug/l	100
68) m/p-Xylenes	10.34	106	2061014	117.366	ug/l	97
69) o-Xylene	10.68	106	998959	57.568	ug/l	98
70) Styrene	10.70	104	1762128	57.708	ug/l	98
71) Bromoform	10.84	173	504056	52.124	ug/l	97
73) Isopropylbenzene	11.00	105	2682376	56.556	ug/l	100
74) N-amyl acetate	10.88	43	1270640	48.169	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	841263	51.692	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1000166	67.191	ug/l	83
77) Bromobenzene	11.24	156	698109	55.183	ug/l	96
78) n-propylbenzene	11.34	91	3057942	56.386	ug/l	99
79) 2-Chlorotoluene	11.40	91	1809119	54.425	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2302710	56.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	301636	48.622	ug/l	97
82) 4-Chlorotoluene	11.50	91	2152730	55.243	ug/l	100
83) tert-Butylbenzene	11.76	119	2331593	58.931	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2340102	56.693	ug/l	98
85) sec-Butylbenzene	11.93	105	2659218	58.115	ug/l	99
86) p-Isopropyltoluene	12.05	119	2514444	59.192	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1281634	56.590	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1323115	57.355	ug/l	99
89) n-Butylbenzene	12.37	91	2242096	58.407	ug/l	99
90) Hexachloroethane	12.58	117	436663	52.813	ug/l	90
91) 1,2-Dichlorobenzene	12.38	146	1294251	58.395	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	200942	43.746	ug/l	91

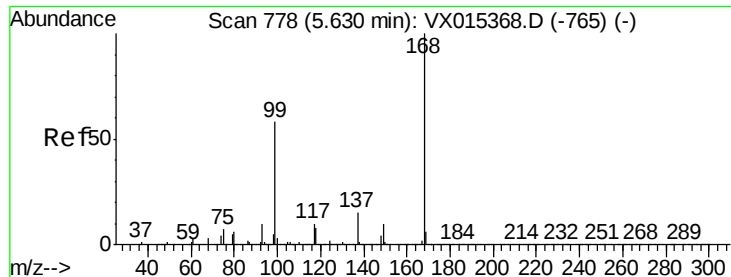
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
Data File : VX015731.D
Acq On : 17 Apr 2020 12:32
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 20 01:11:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1023616	58.388	ug/l	97
94) Hexachlorobutadiene	13.77	225	483574	57.935	ug/l	96
95) Naphthalene	13.82	128	2931586	54.820	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1023550	60.640	ug/l	98

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

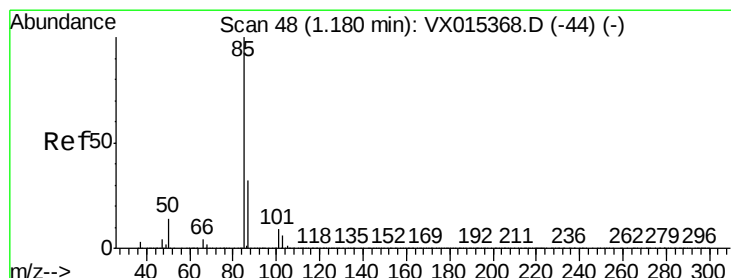
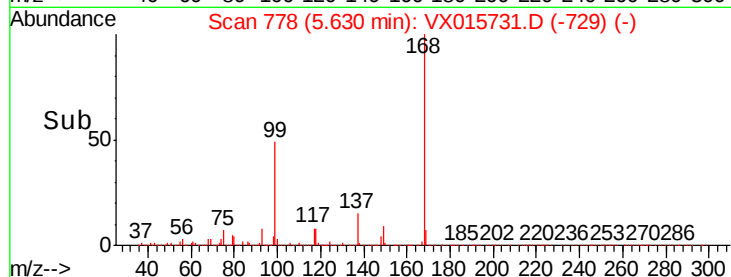
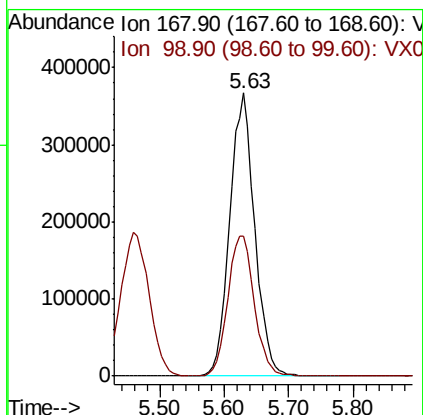
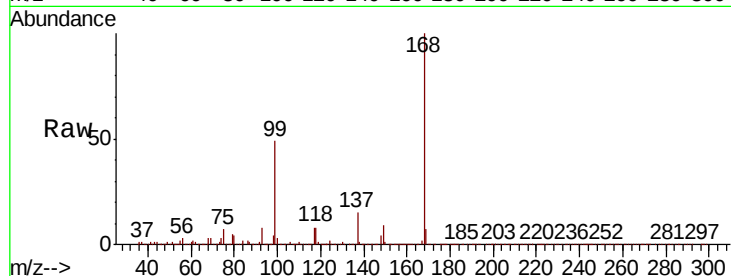


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

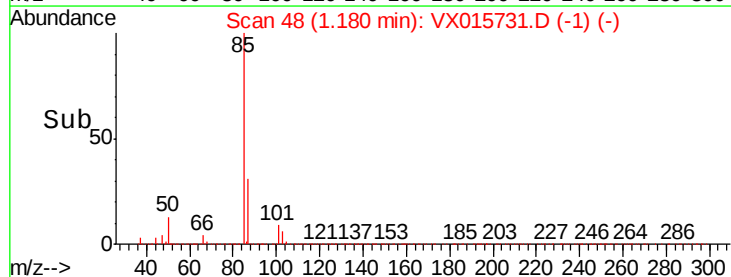
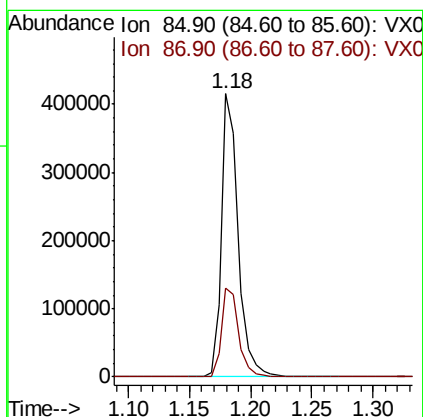
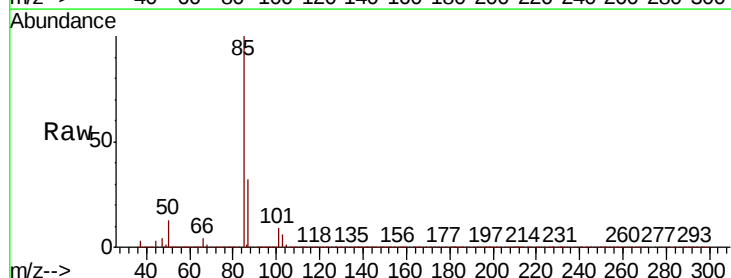
Tot Ion:168 Resp: 995033
 Ion Ratio Lower Upper
 168 100
 99 49.3 46.4 69.6

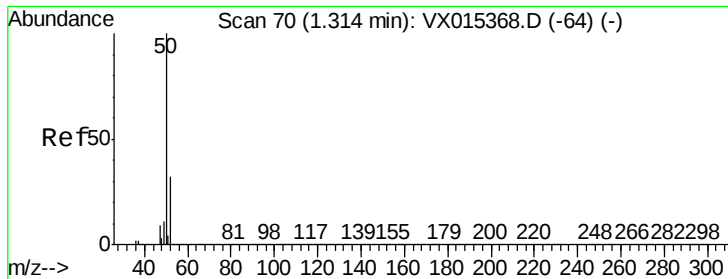


#2

Dichlorodifluoromethane
 Concen: 45.310 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion: 85 Resp: 397208
 Ion Ratio Lower Upper
 85 100
 87 31.5 16.0 47.9





#3

Chloromethane

Concen: 44.534 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

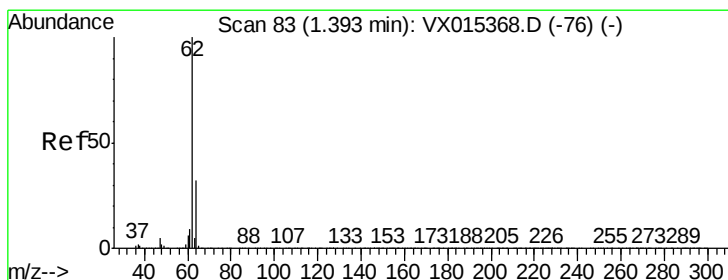
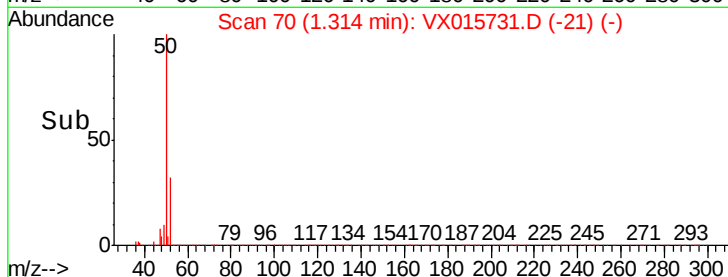
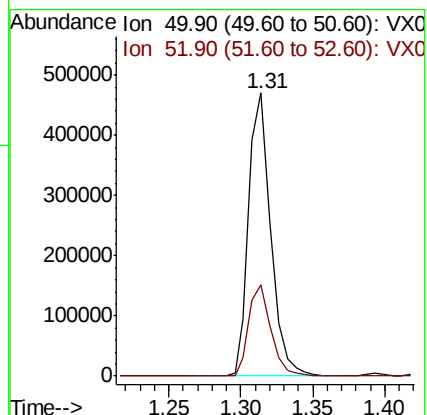
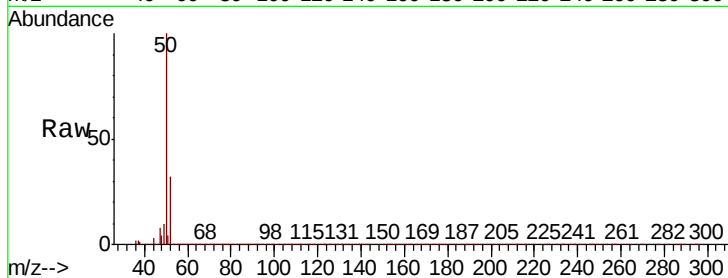
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 497181

Ion Ratio Lower Upper

50 100

52 32.4 25.3 37.9



#4

Vinyl Chloride

Concen: 49.287 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015731.D

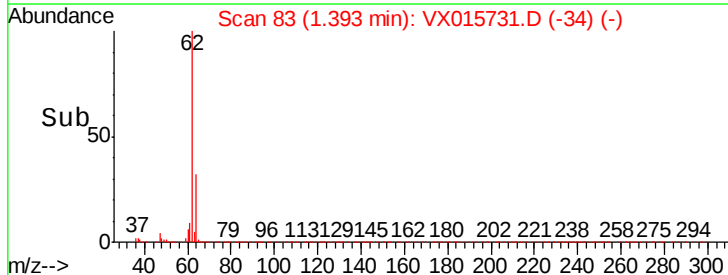
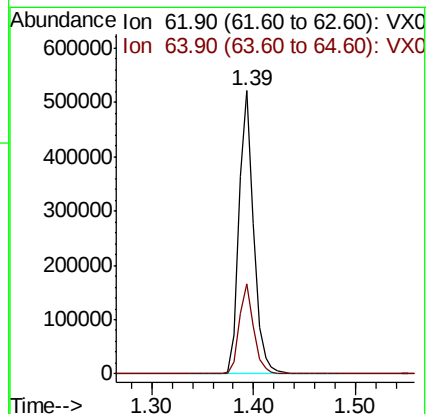
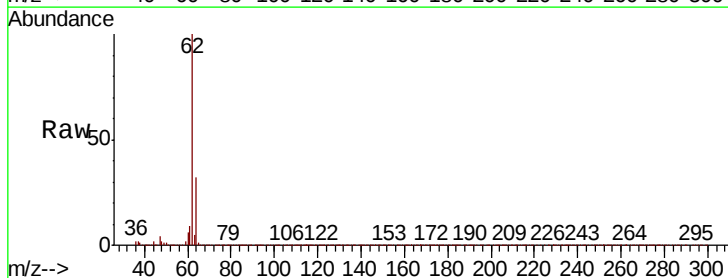
Acq: 17 Apr 2020 12:32

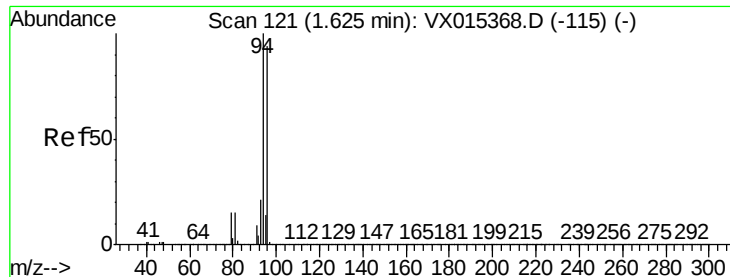
Tgt Ion: 62 Resp: 505237

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0

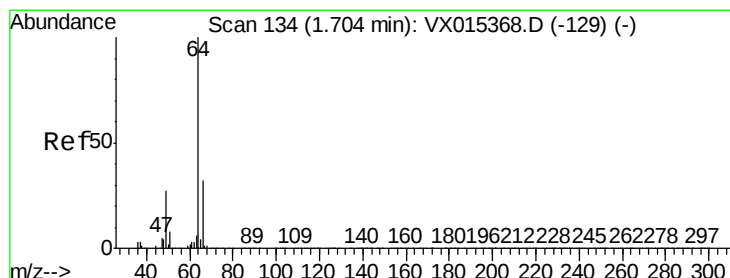
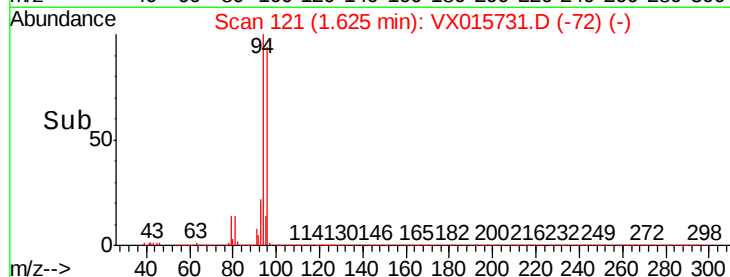
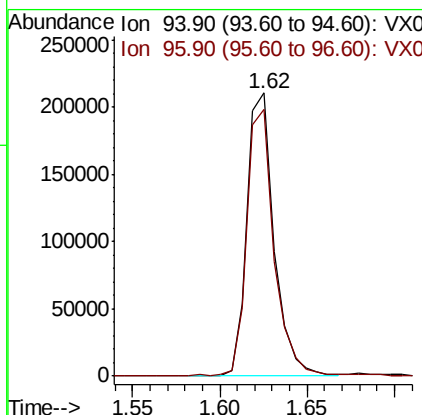
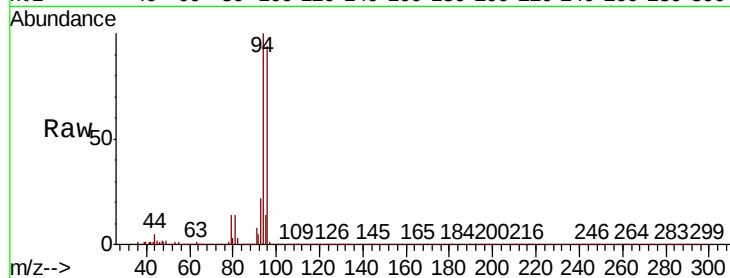




#5
Bromomethane
Concen: 47.523 ug/l
RT: 1.62 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

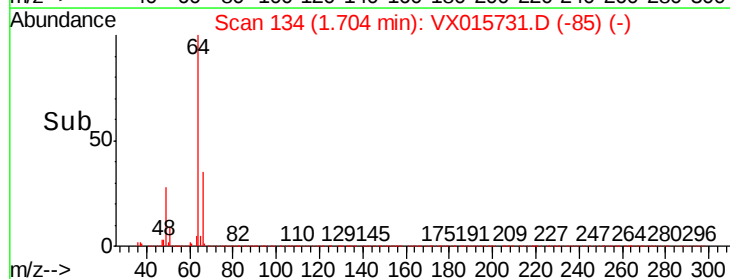
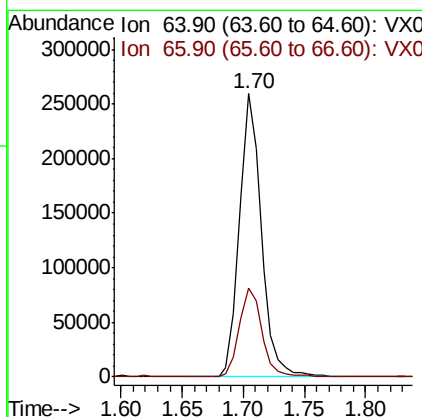
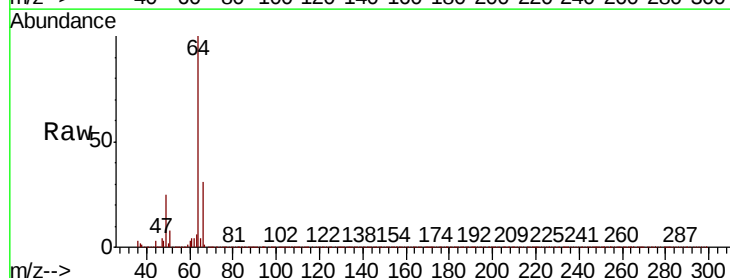
Instrument :
MSVOA_X
ClientSampleId :

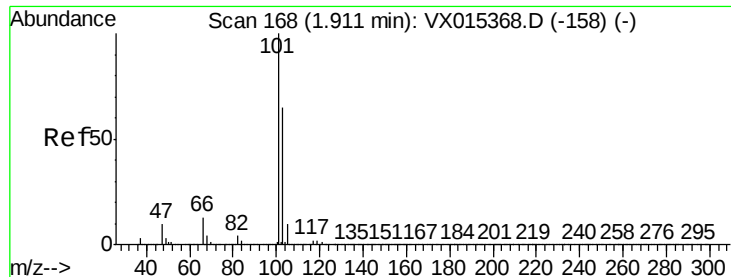
Tot Ion: 94 Resp: 226453
Ion Ratio Lower Upper
94 100
96 94.3 74.8 112.2



#6
Chloroethane
Concen: 50.205 ug/l
RT: 1.70 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 64 Resp: 319185
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2



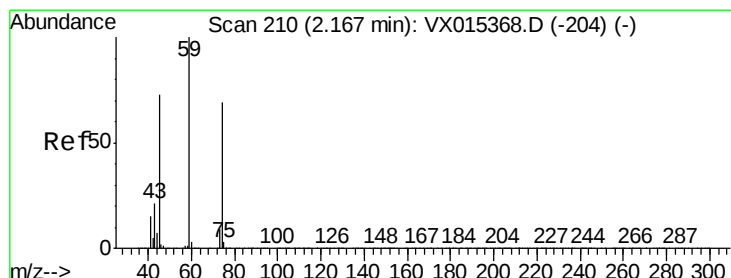
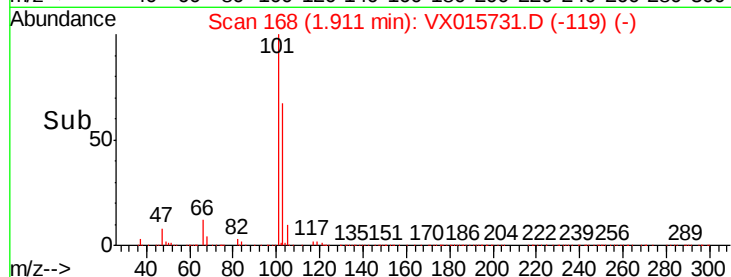
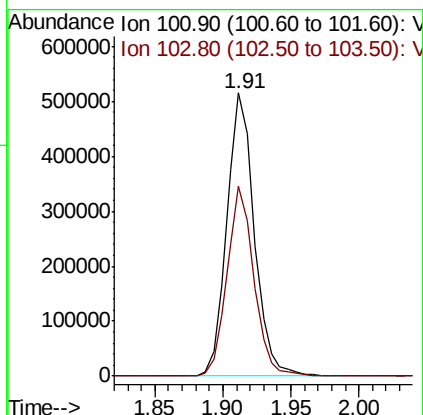
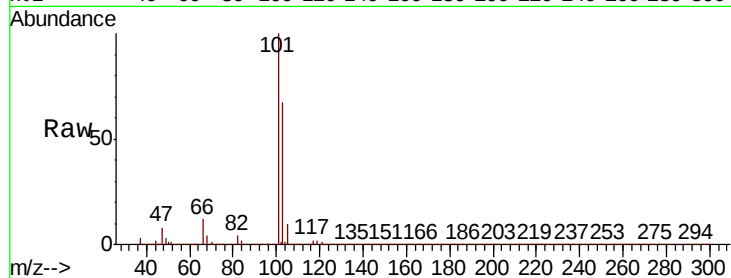


#7

Trichlorofluoromethane
 Concen: 52.563 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

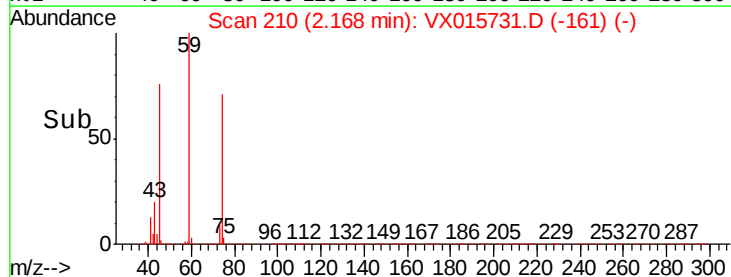
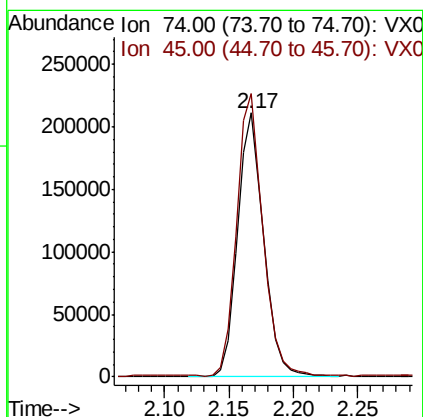
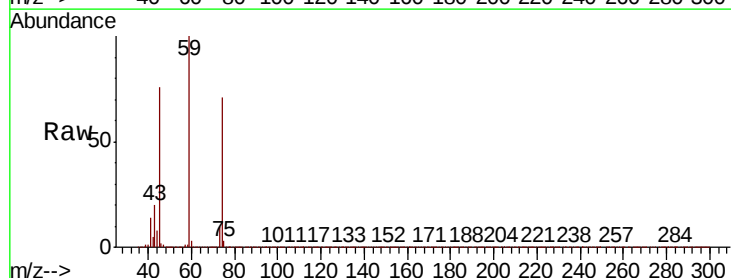
Tot Ion:101 Resp: 722605
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.3 78.5

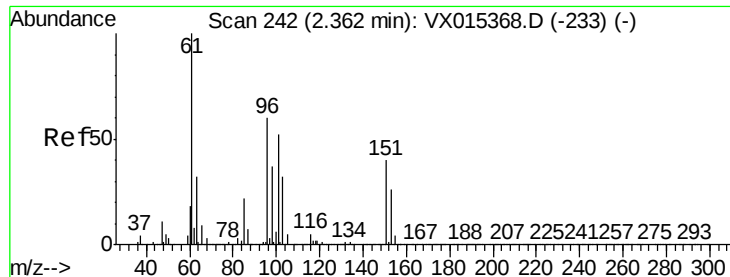


#8

Diethyl Ether
 Concen: 50.943 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion: 74 Resp: 295395
 Ion Ratio Lower Upper
 74 100
 45 106.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.697 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

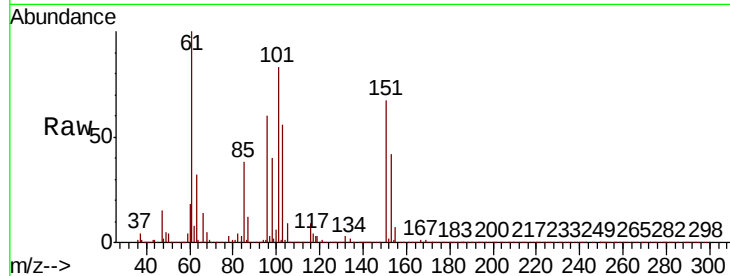
Tot Ion:101 Resp: 490196

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.4

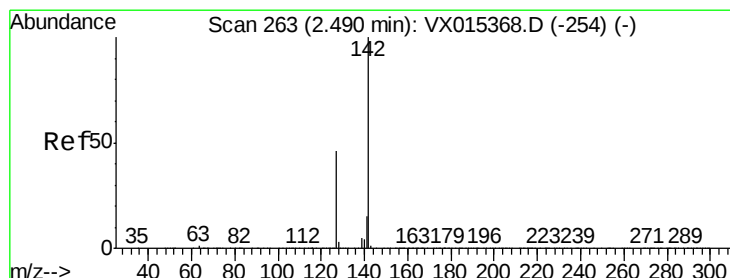
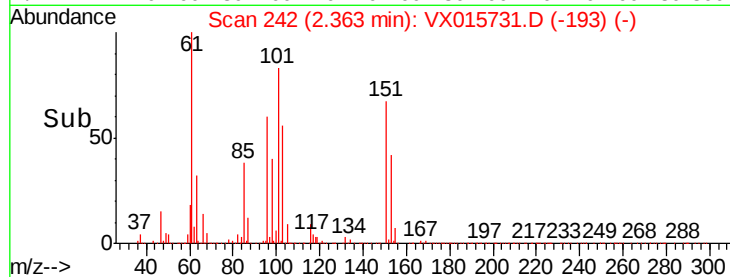
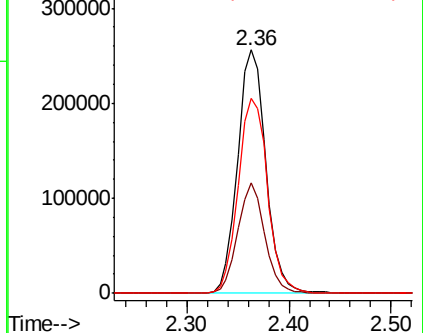
151 83.6 64.1 96.1



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: 48.581 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

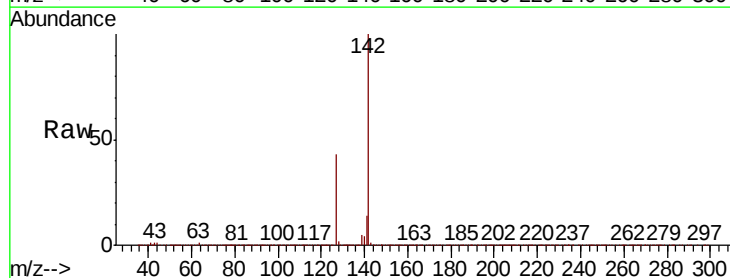
Tgt Ion:142 Resp: 587003

Ion Ratio Lower Upper

142 100

127 42.6 35.9 53.9

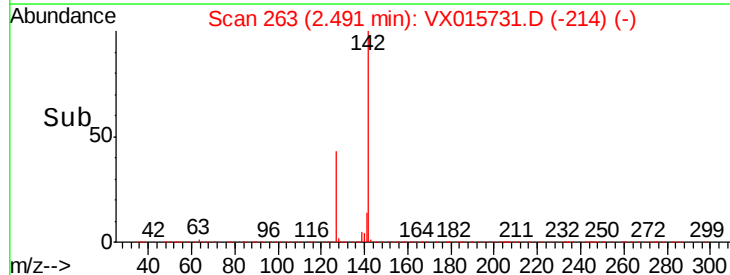
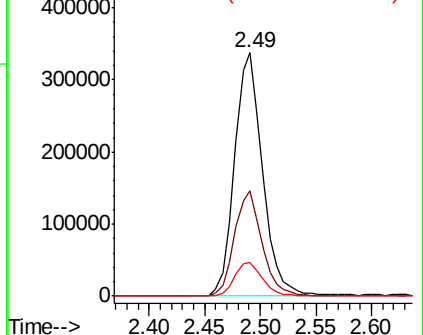
141 14.0 11.6 17.4

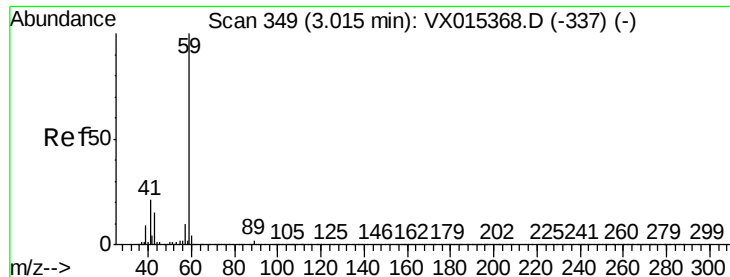


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

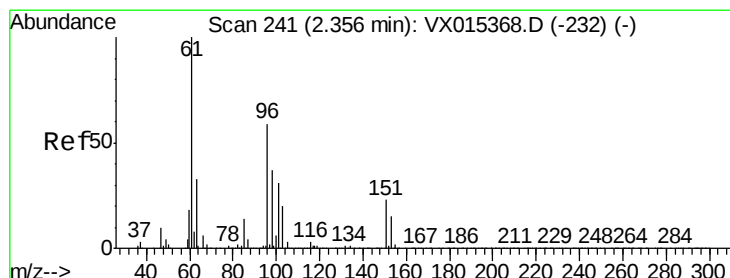
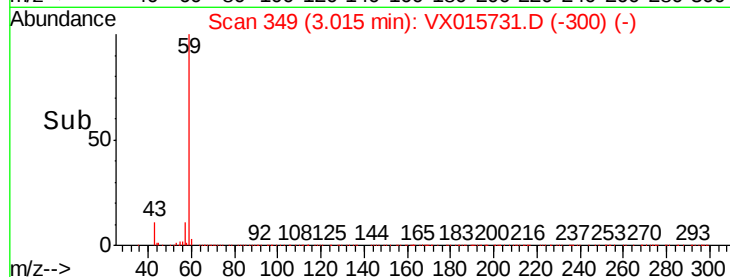
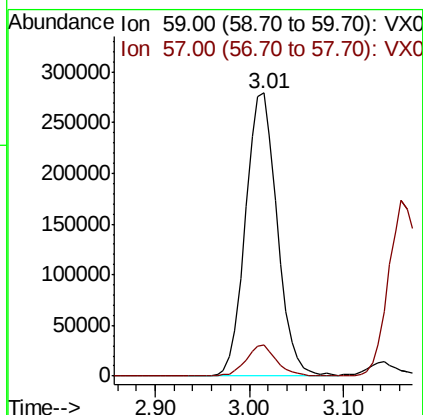
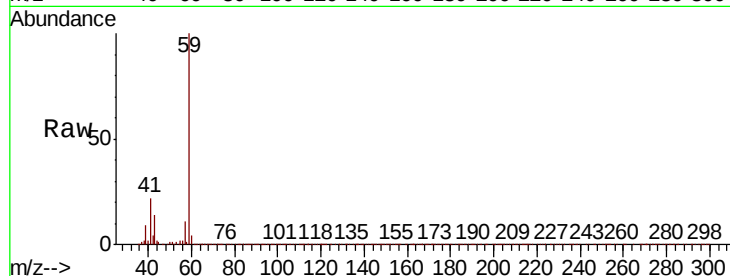




#11
Tert butyl alcohol
Concen: 193.823 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

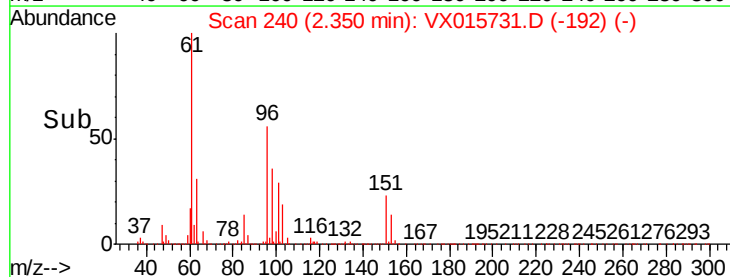
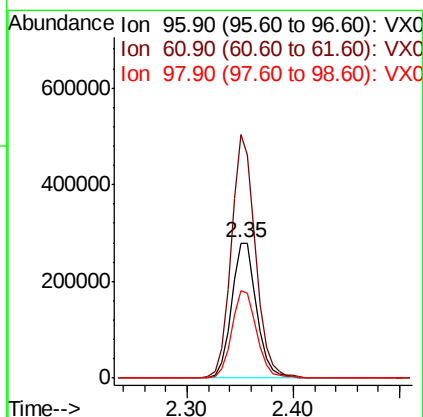
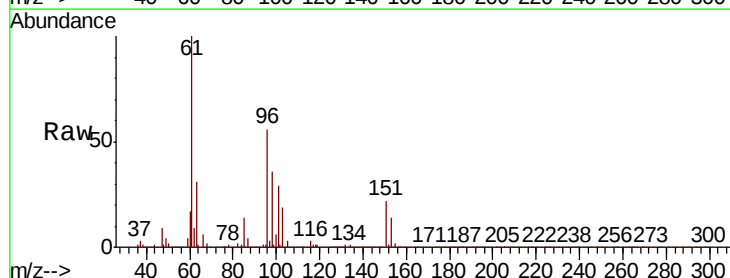
Instrument :
MSVOA_X
ClientSampleId :

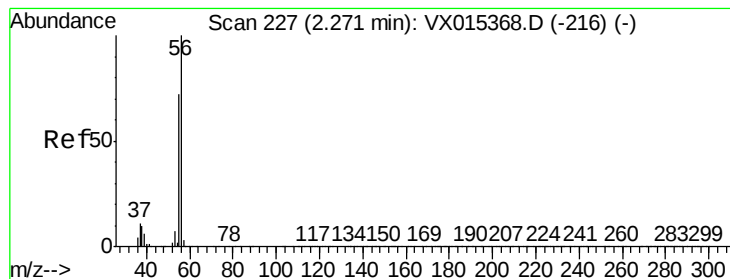
Tot Ion: 59 Resp: 651066
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 49.004 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 96 Resp: 460355
Ion Ratio Lower Upper
96 100
61 180.0 135.7 203.5
98 64.9 50.6 75.8





#13

Acrolein

Concen: 301.472 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

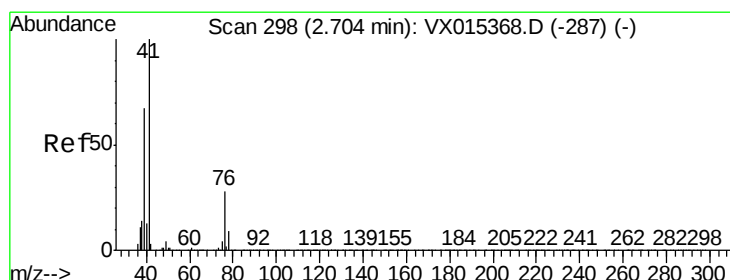
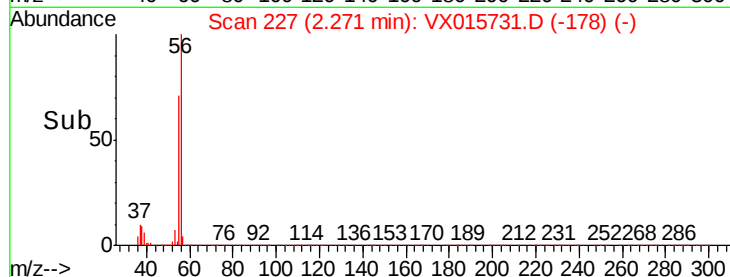
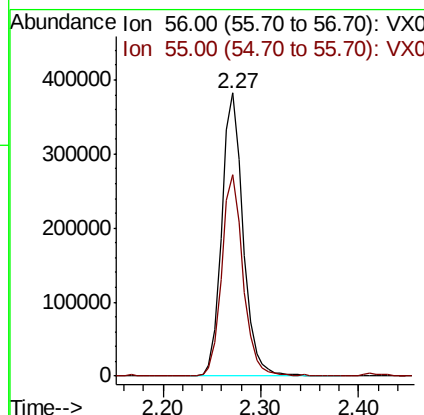
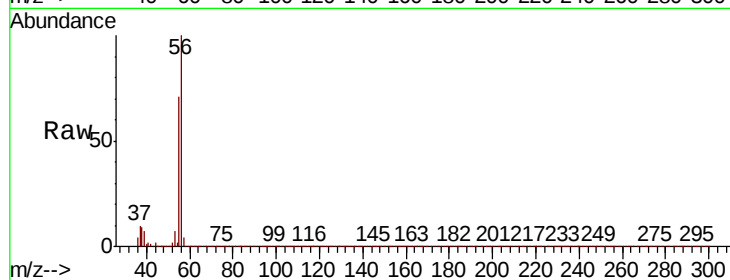
ClientSampleId :

Tot Ion: 56 Resp: 576862

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 46.665 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

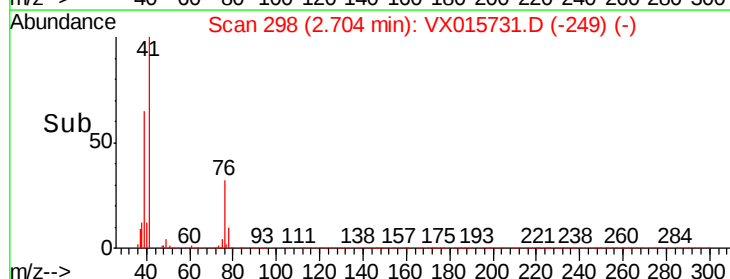
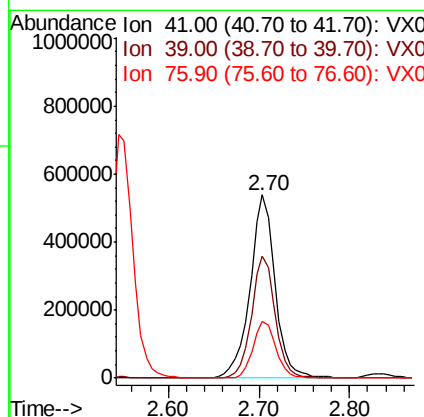
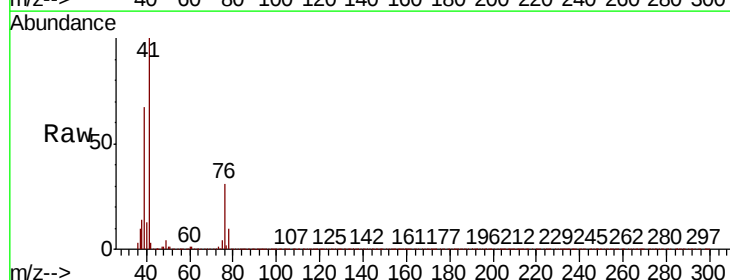
Tgt Ion: 41 Resp: 1024317

Ion Ratio Lower Upper

41 100

39 63.0 51.4 77.0

76 28.6 21.8 32.8





#15

Acrylonitrile

Concen: 236.872 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

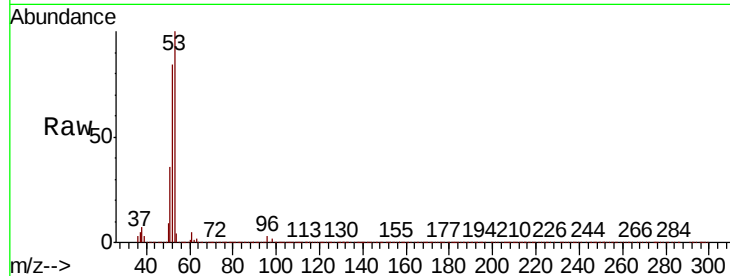
Tot Ion: 53 Resp: 1517402

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

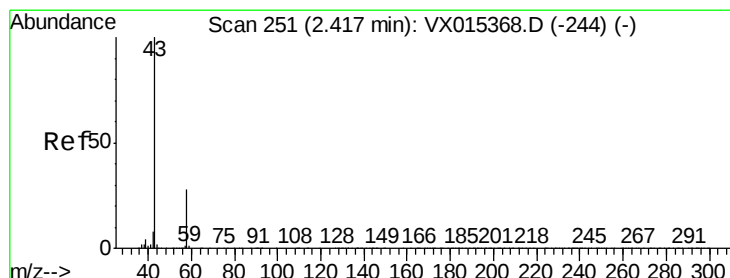
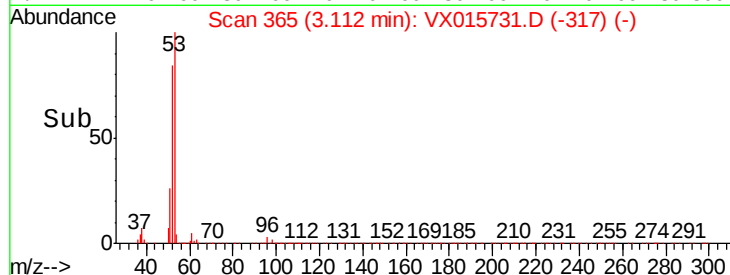
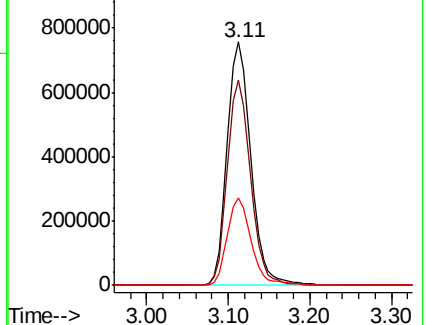
51 36.2 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.246 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015731.D

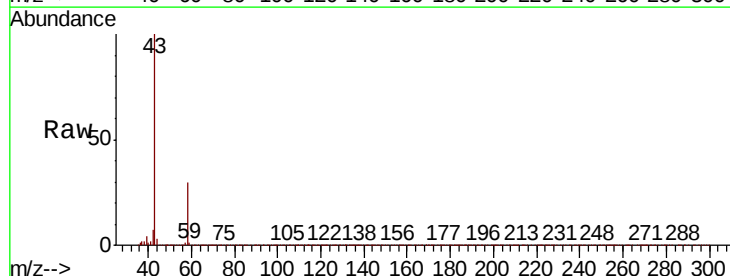
Acq: 17 Apr 2020 12:32

Tgt Ion: 43 Resp: 1442477

Ion Ratio Lower Upper

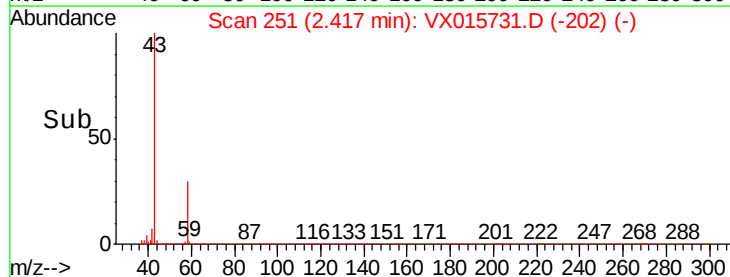
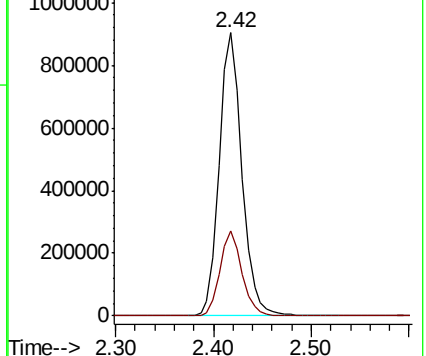
43 100

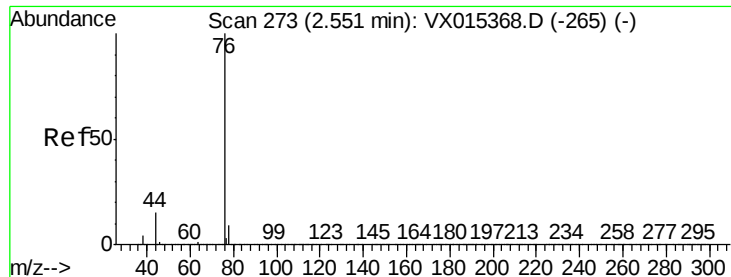
58 29.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.594 ug/l

RT: 2.55 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

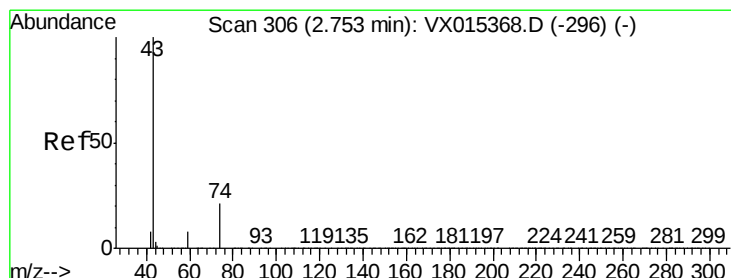
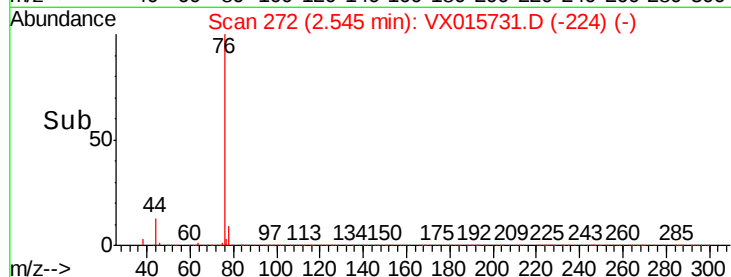
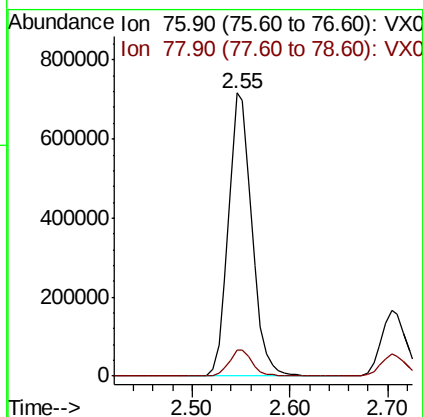
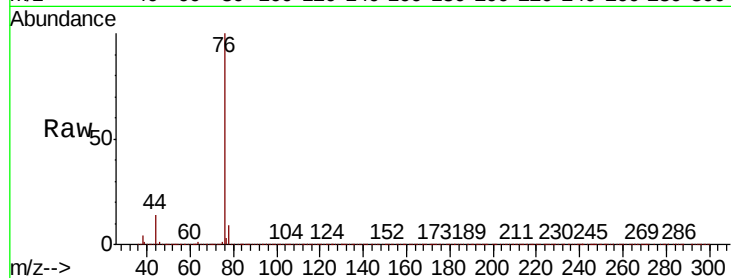
ClientSampleId :

Tot Ion: 76 Resp: 1191994

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 48.888 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015731.D

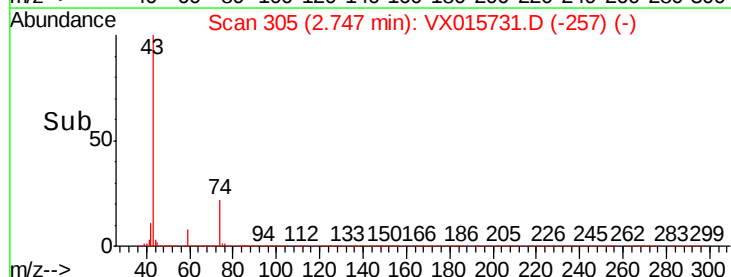
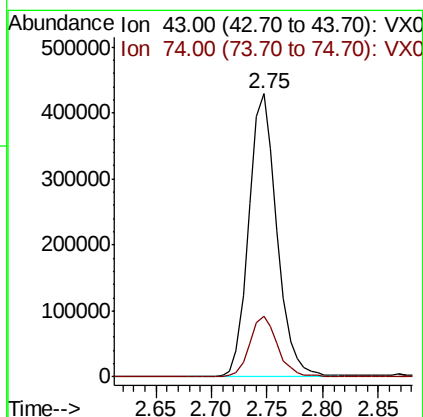
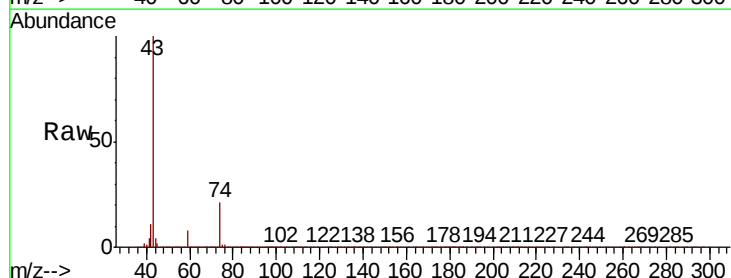
Acq: 17 Apr 2020 12:32

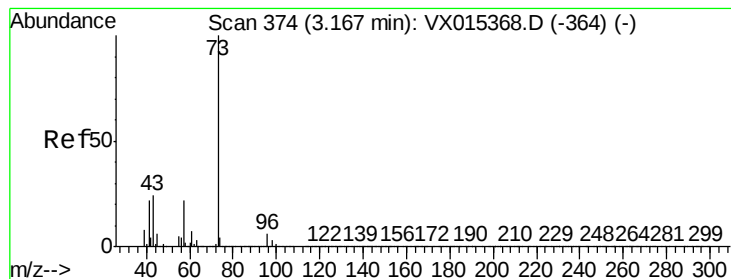
Tgt Ion: 43 Resp: 752312

Ion Ratio Lower Upper

43 100

74 21.4 16.5 24.7



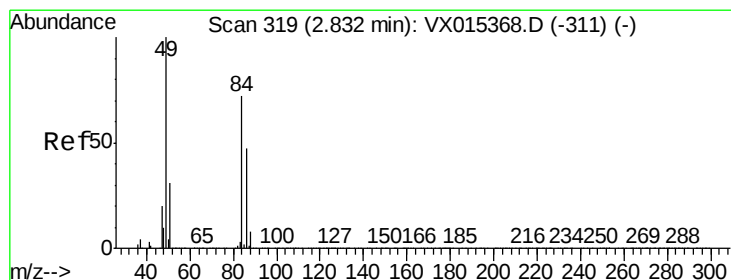
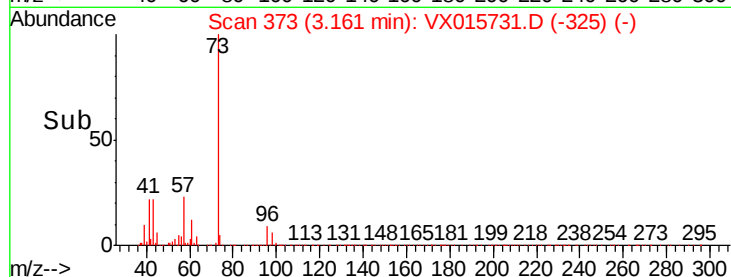
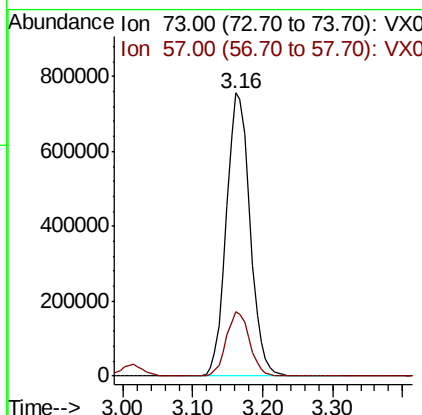
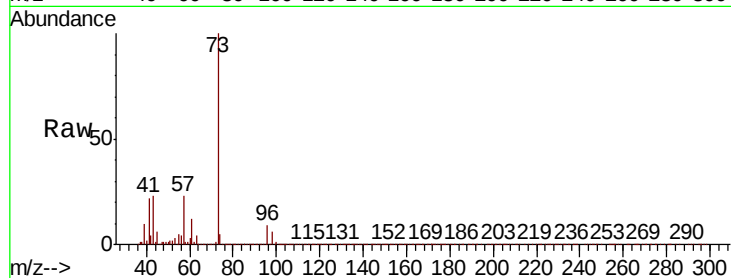


#19

Methyl tert-butyl Ether
 Concen: 48.771 ug/l
 RT: 3.16 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

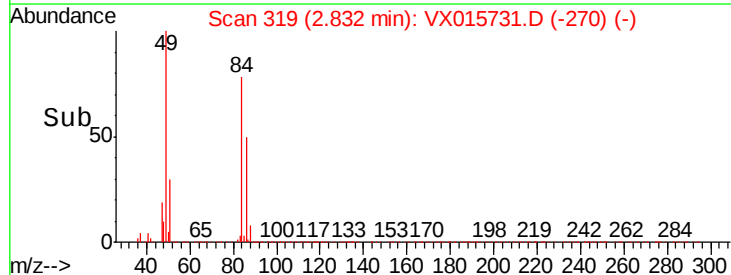
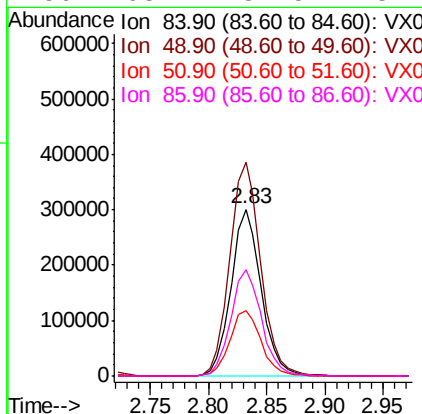
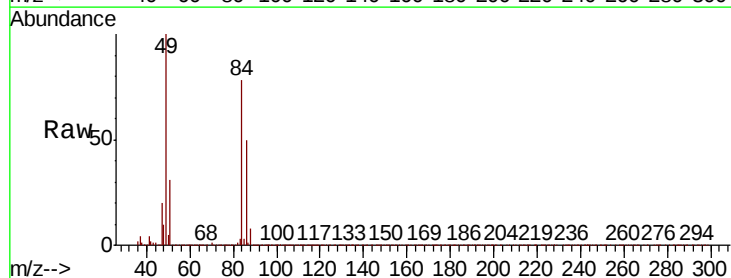
Tot Ion: 73 Resp: 1776951
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.9 26.9



#20

Methylene Chloride
 Concen: 47.879 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion: 84 Resp: 539200
 Ion Ratio Lower Upper
 84 100
 49 127.8 111.3 166.9
 51 38.9 34.0 51.0
 86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.120 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :

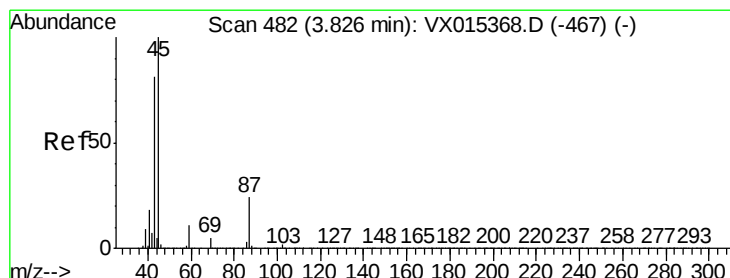
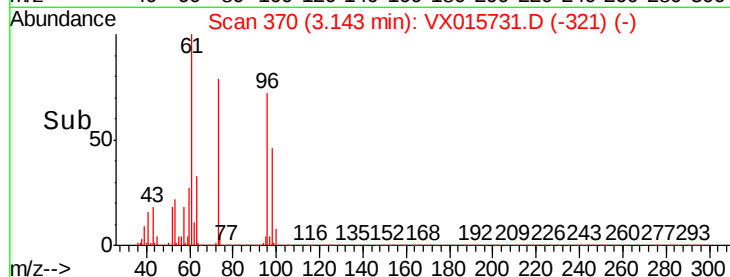
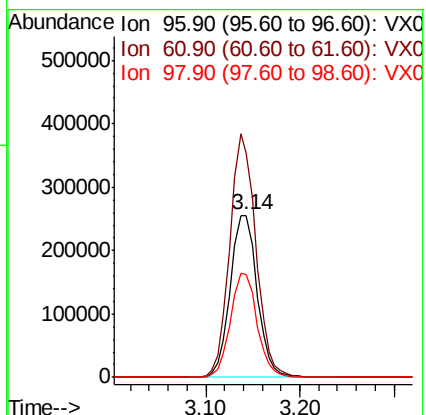
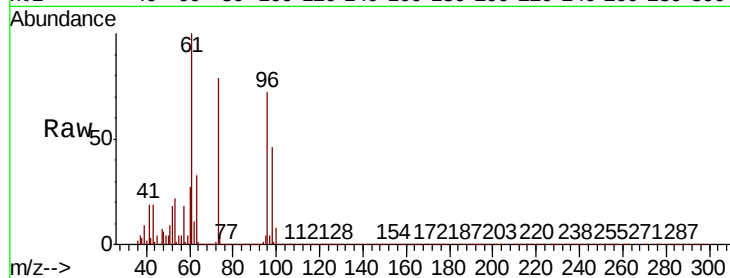
Tot Ion: 96 Resp: 512108

Ion Ratio Lower Upper

96 100

61 139.0 116.9 175.3

98 63.5 48.6 73.0



#22

Diisopropyl ether

Concen: 49.943 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion: 45 Resp: 1942546

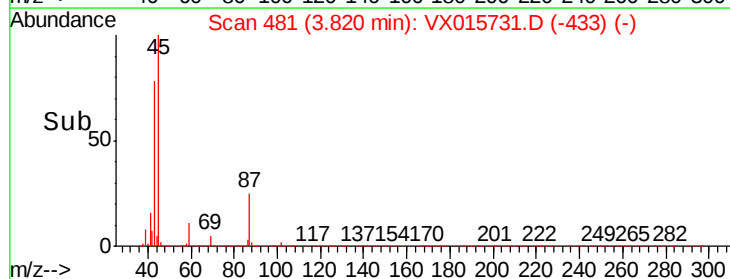
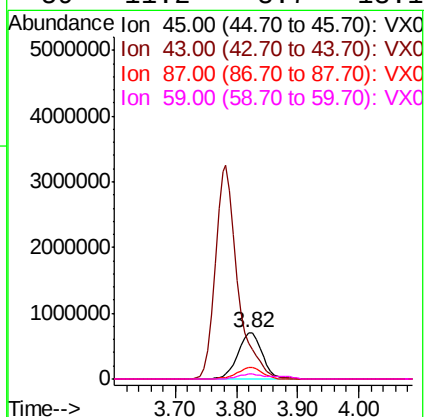
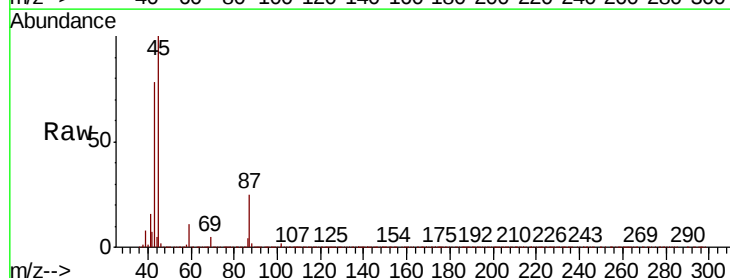
Ion Ratio Lower Upper

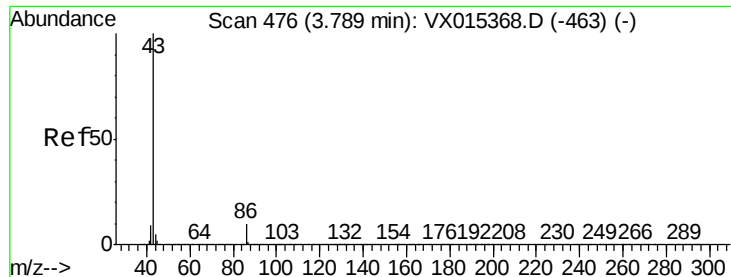
45 100

43 78.0 64.7 97.1

87 25.3 19.4 29.0

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 237.796 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

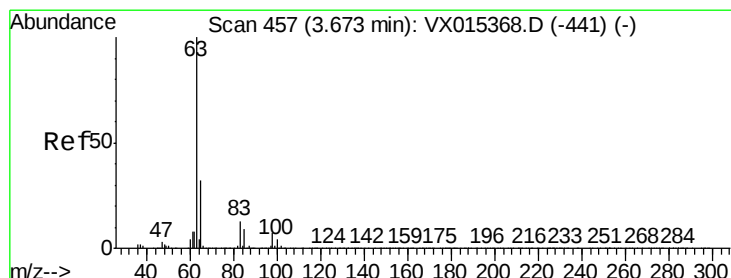
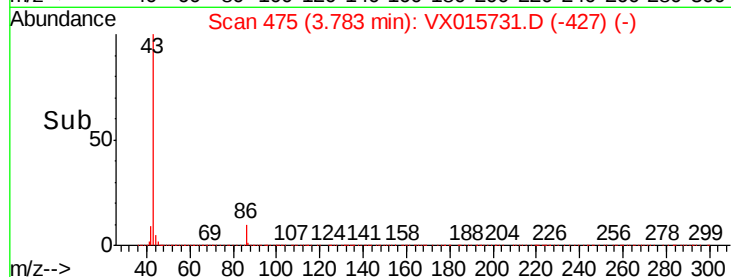
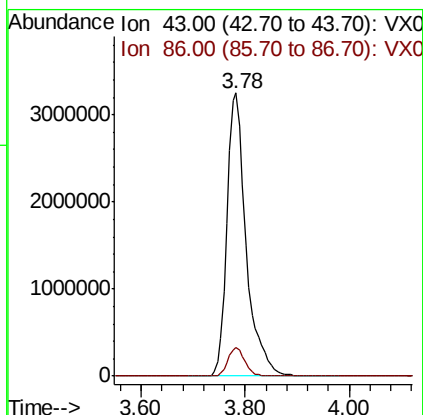
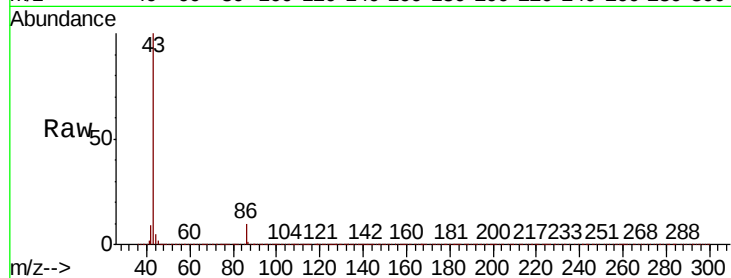
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 8374306

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.6



#24

1,1-Dichloroethane

Concen: 48.029 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

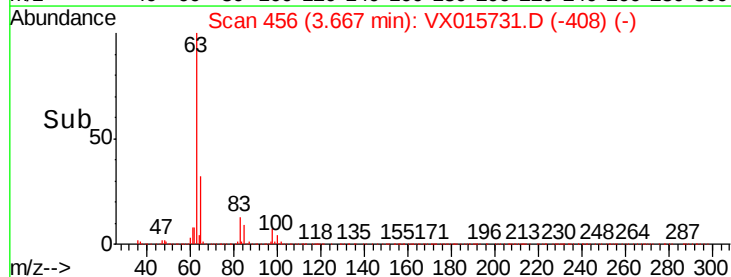
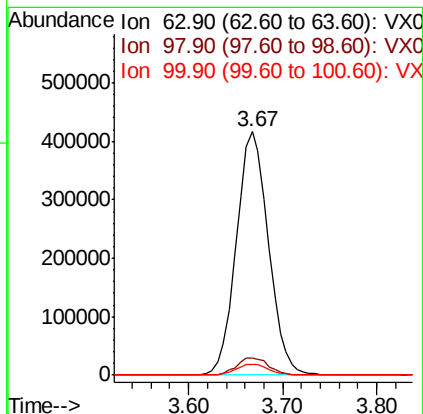
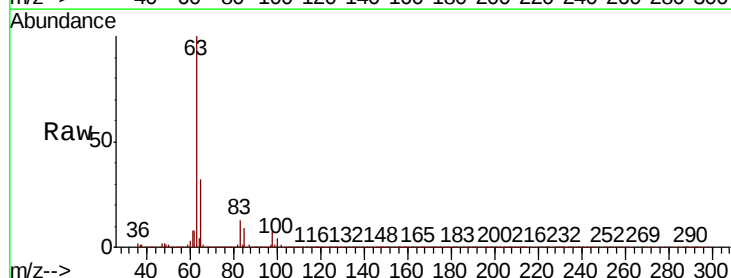
Tgt Ion: 63 Resp: 983591

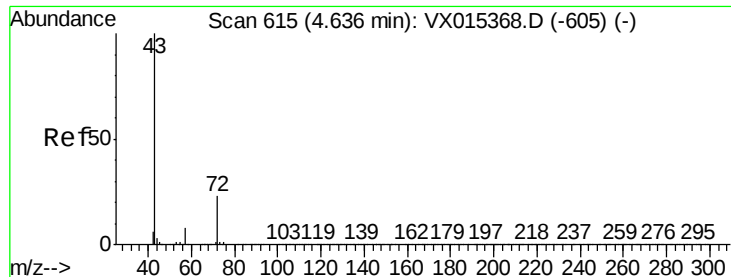
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 227.908 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

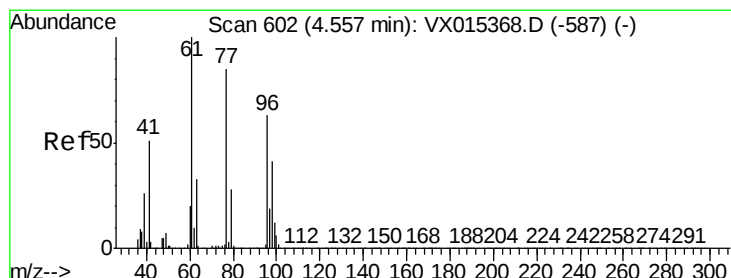
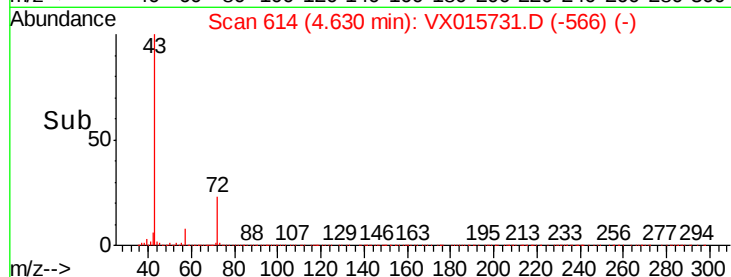
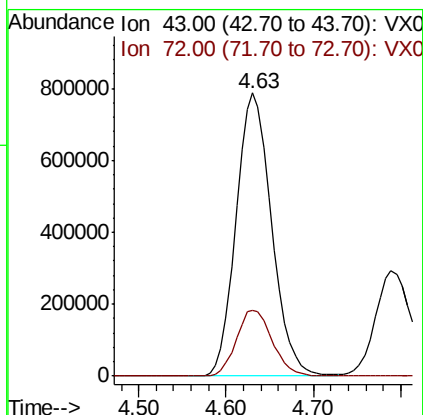
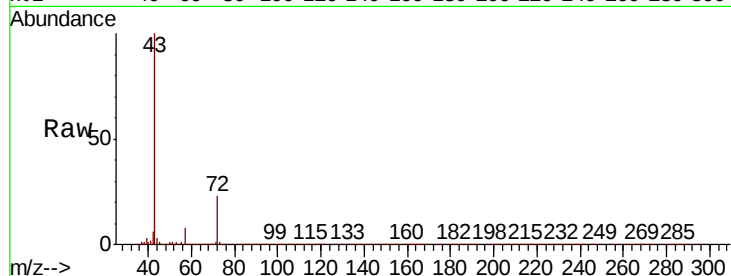
ClientSampleId :

Tot Ion: 43 Resp: 2209875

Ion Ratio Lower Upper

43 100

72 23.2 19.0 28.4



#26

2,2-Dichloropropane

Concen: 53.185 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015731.D

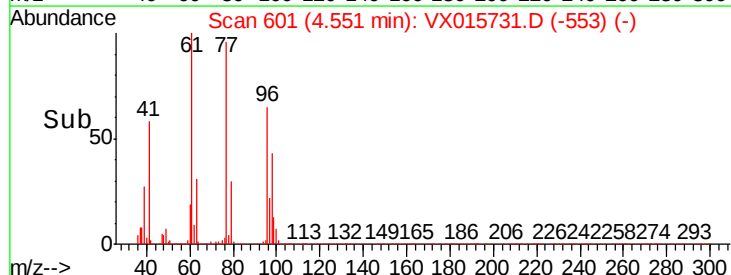
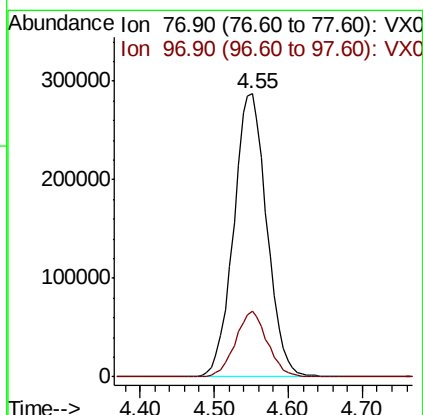
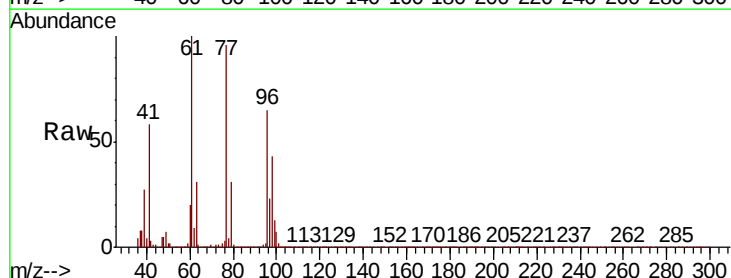
Acq: 17 Apr 2020 12:32

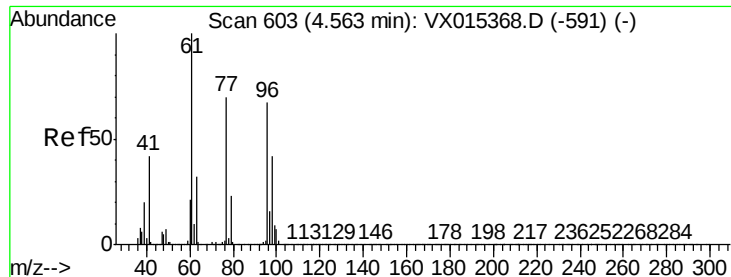
Tgt Ion: 77 Resp: 894015

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8



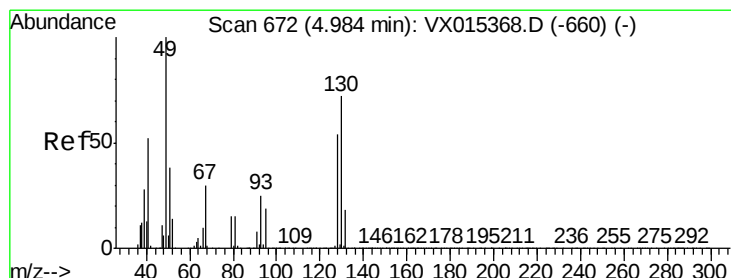
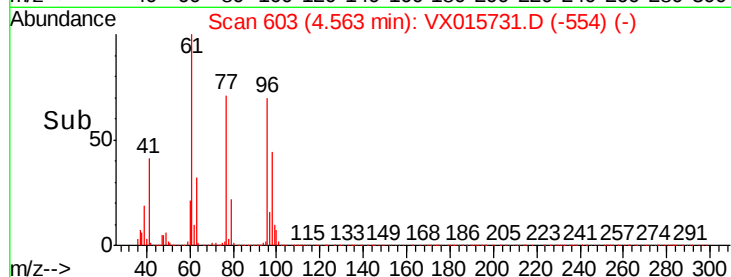
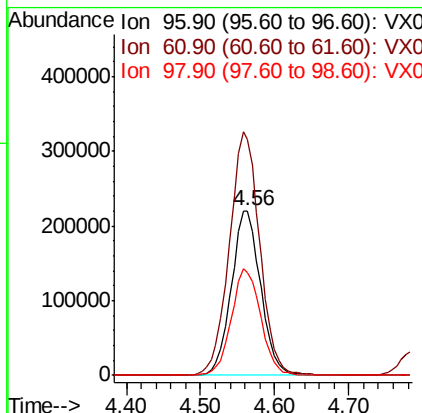
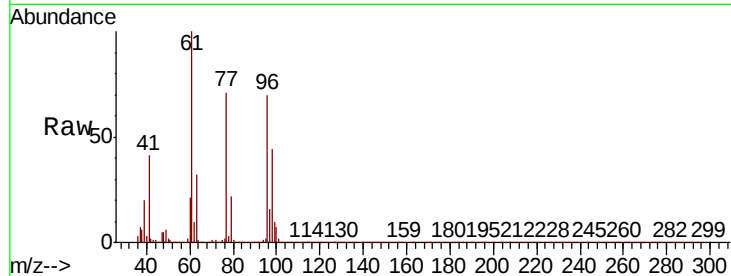


#27

cis-1,2-Dichloroethene
Concen: 50.098 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :

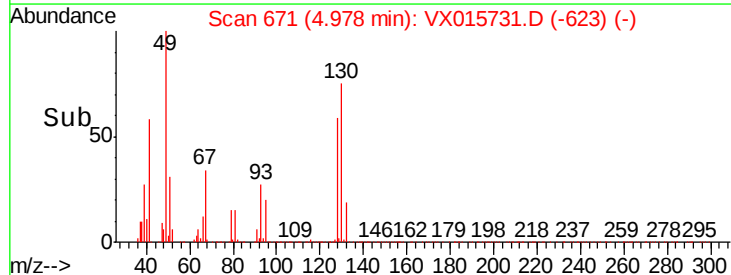
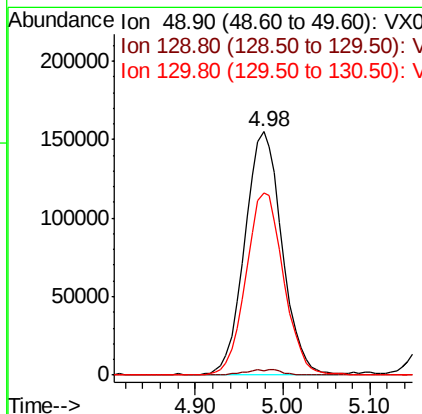
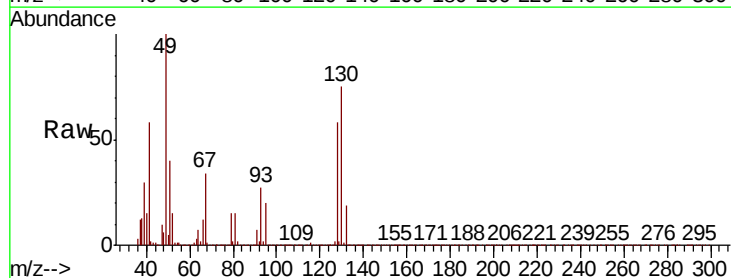
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.6	0.0	308.4
98	65.5	0.0	129.2

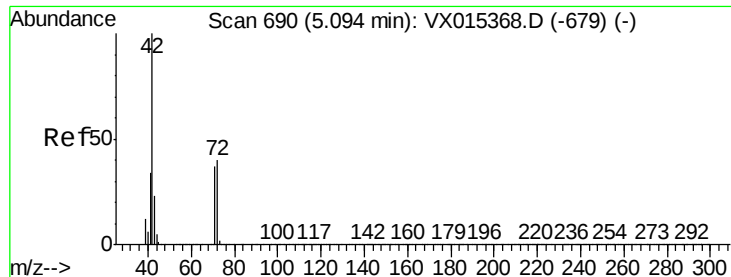


#28

Bromochloromethane
Concen: 46.786 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.4
130	75.7	57.7	86.5





#29

Tetrahydrofuran

Concen: 223.225 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

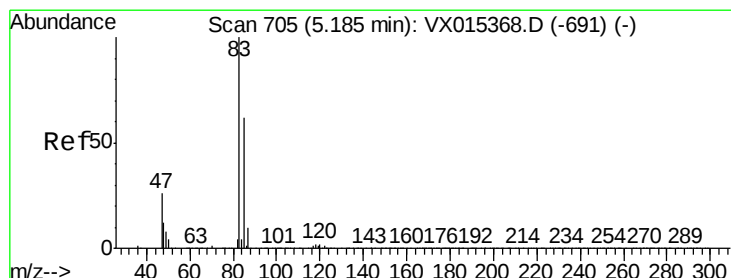
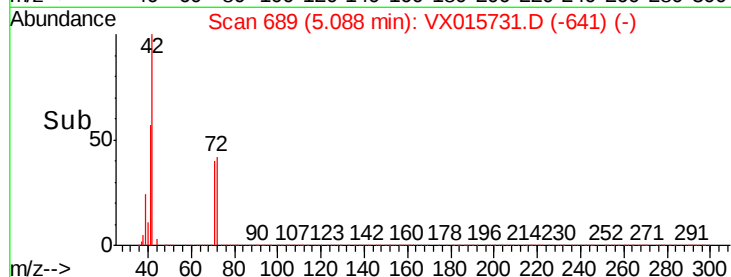
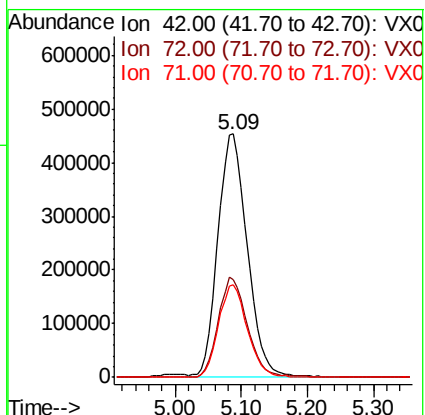
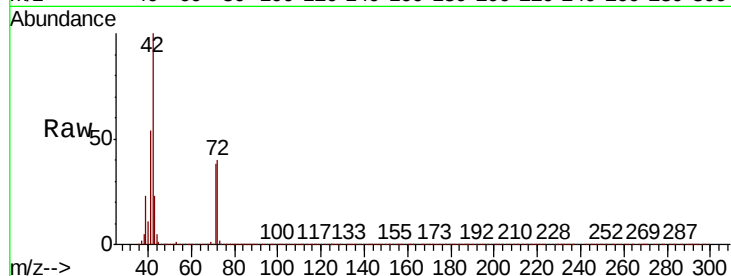
Tot Ion: 42 Resp: 1391473

Ion Ratio Lower Upper

42 100

72 40.8 31.7 47.5

71 37.5 29.6 44.4



#30

Chloroform

Concen: 49.506 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015731.D

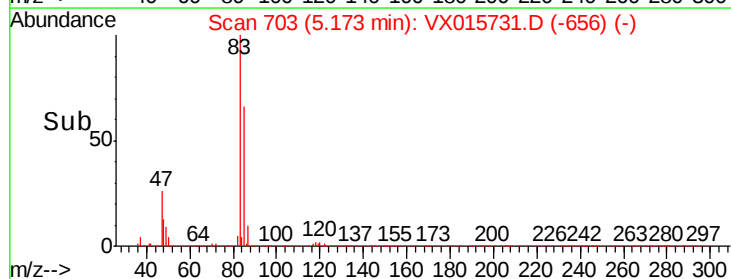
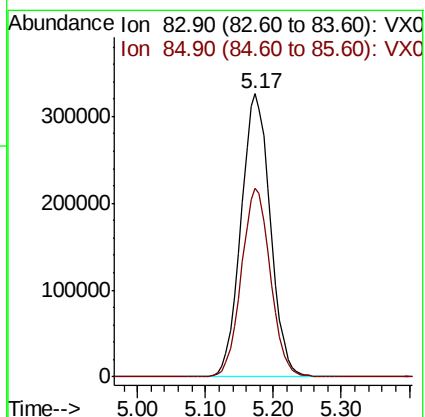
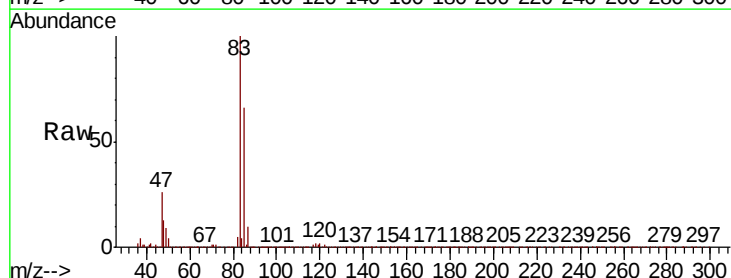
Acq: 17 Apr 2020 12:32

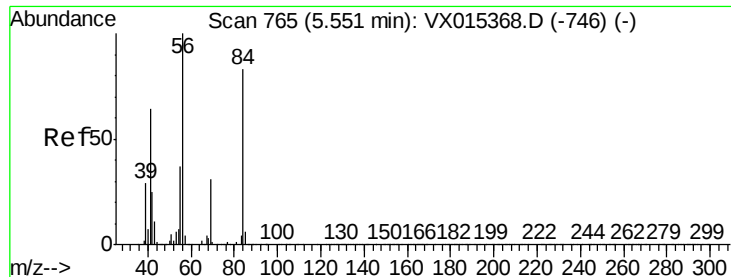
Tgt Ion: 83 Resp: 975410

Ion Ratio Lower Upper

83 100

85 66.4 49.5 74.3

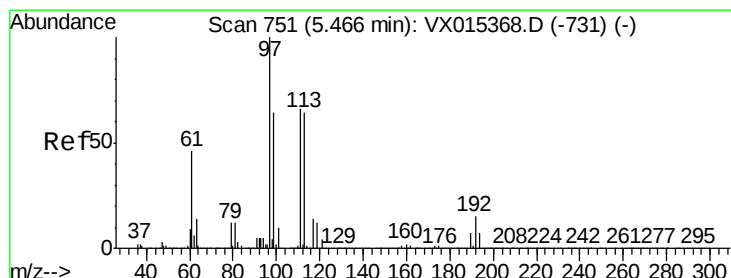
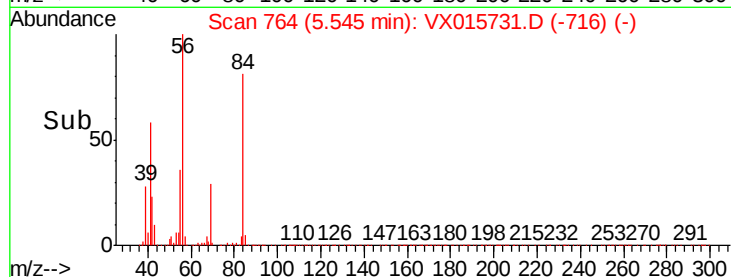
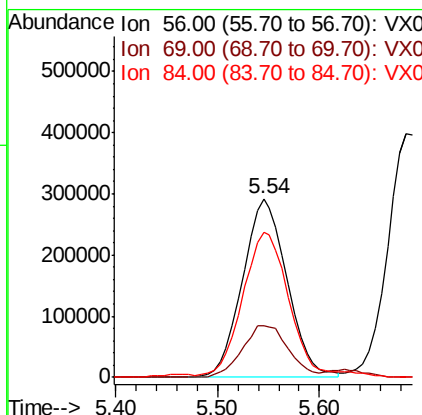
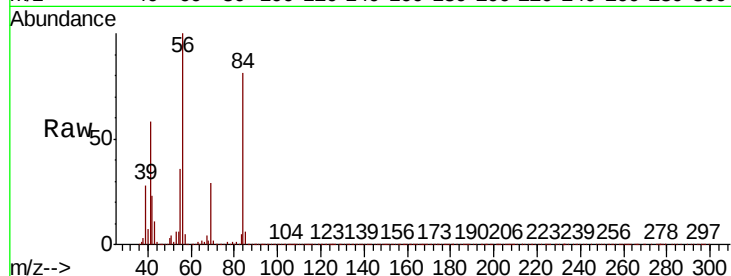




#31
Cyclohexane
Concen: 49.663 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

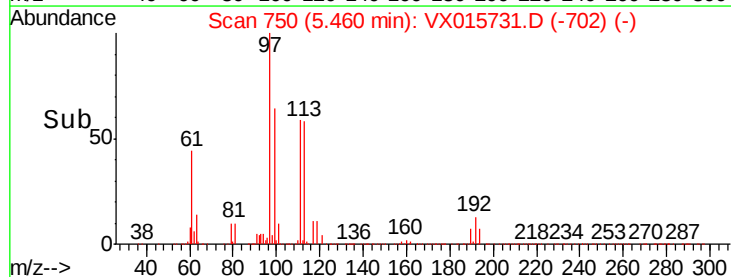
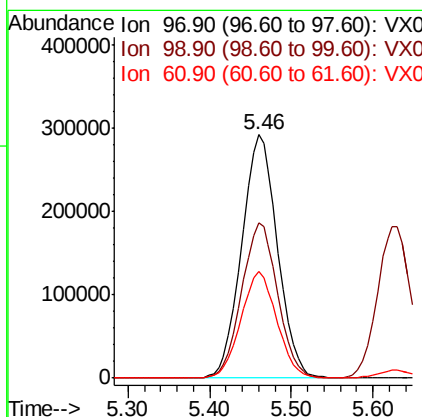
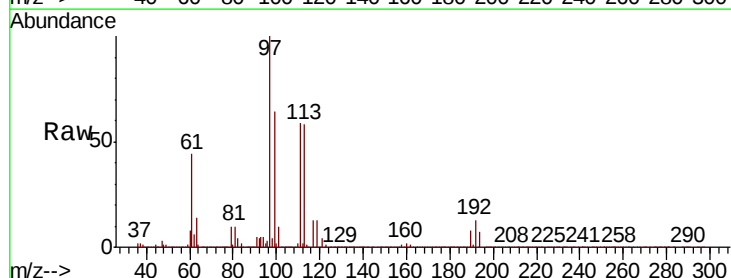
Instrument :
MSVOA_X
ClientSampled :

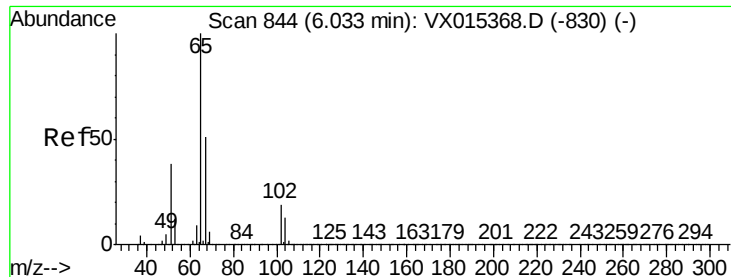
Tot Ion: 56 Resp: 882298
Ion Ratio Lower Upper
56 100
69 28.8 24.6 36.8
84 79.7 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 49.777 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 97 Resp: 887565
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 44.3 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 43.674 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

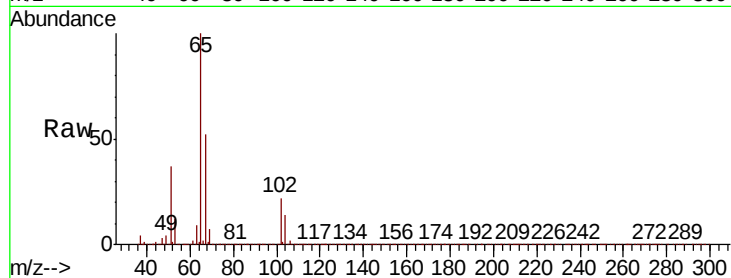
ClientSampleId :

Tot Ion: 65 Resp: 612909

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

250000

200000

150000

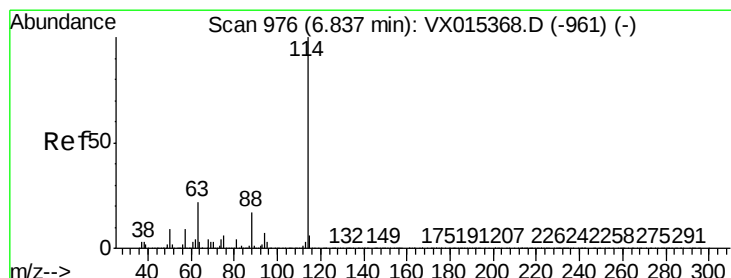
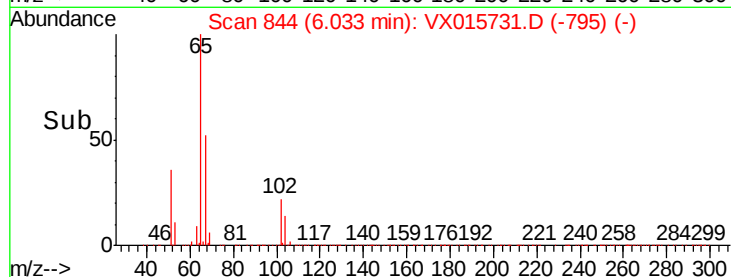
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

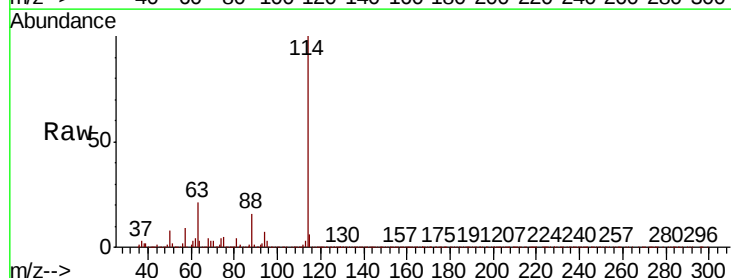
Tgt Ion: 114 Resp: 1448974

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

88 16.3 0.0 33.8



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

800000

600000

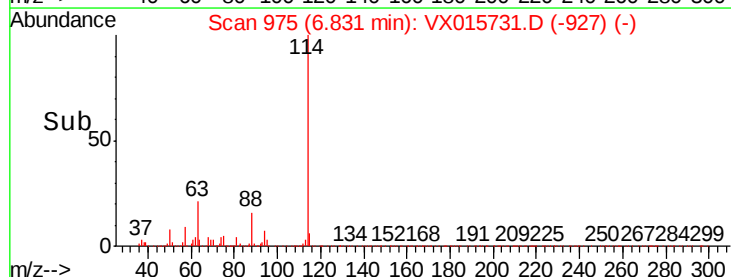
400000

200000

0

Time-->

6.70 6.80 6.90

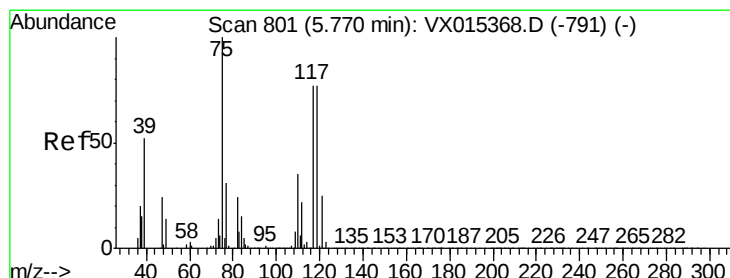
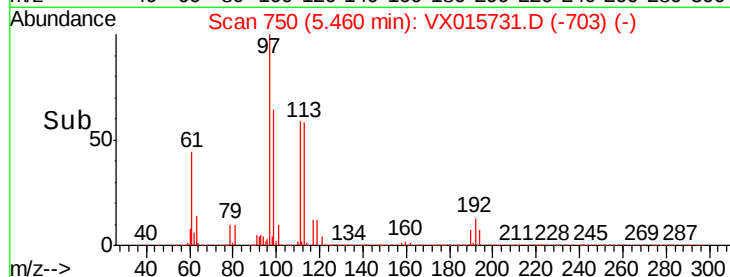
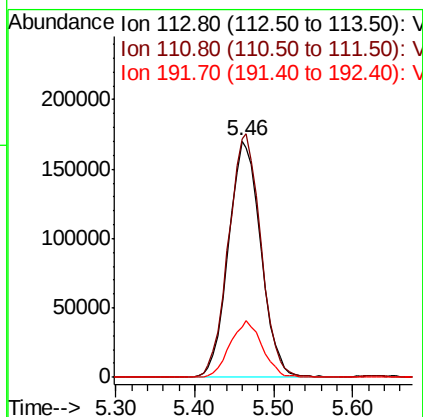
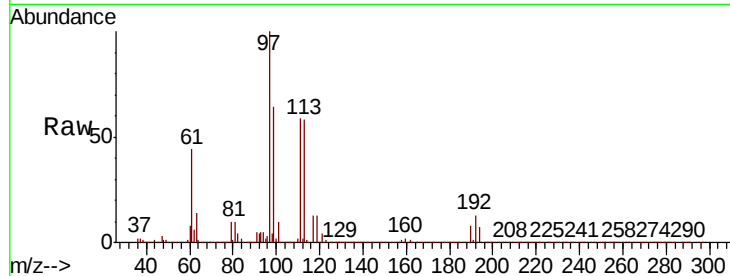




#35
Dibromofluoromethane
Concen: 52.310 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

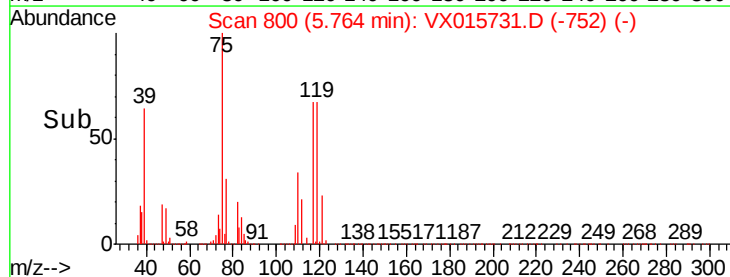
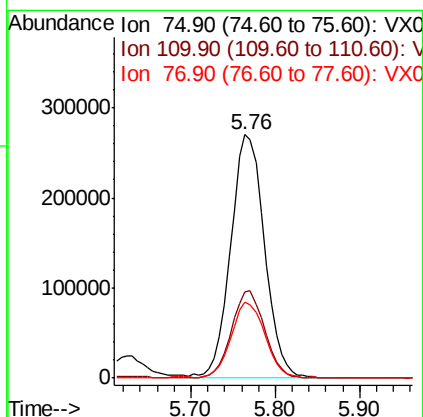
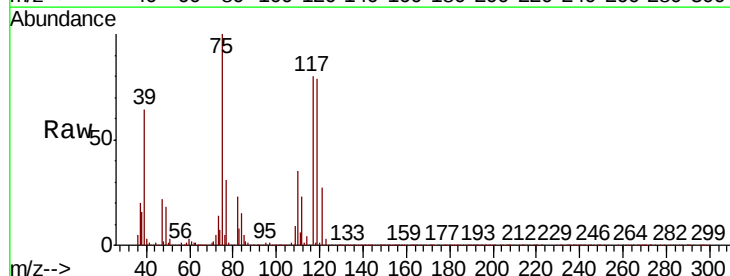
Instrument :
MSVOA_X
ClientSampleId :

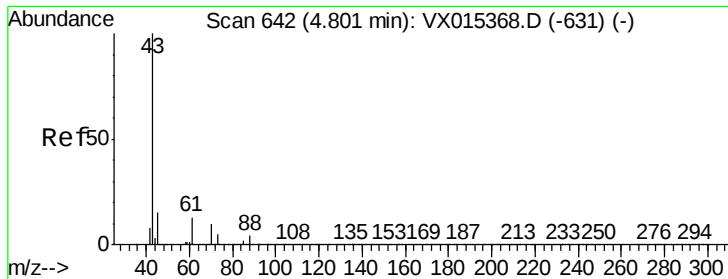
Tot Ion:113 Resp: 484512
Ion Ratio Lower Upper
113 100
111 103.2 81.5 122.3
192 23.9 17.8 26.6



#36
1,1-Dichloropropene
Concen: 54.693 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 75 Resp: 730193
Ion Ratio Lower Upper
75 100
110 35.2 17.1 51.3
77 30.7 24.6 36.8

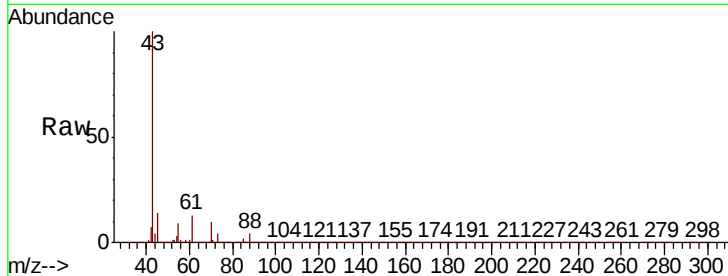




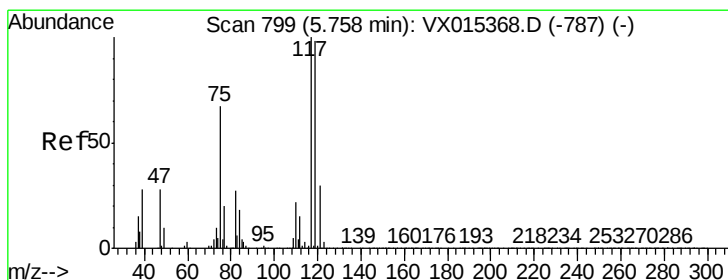
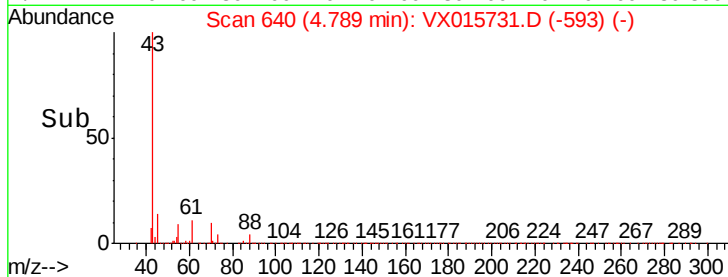
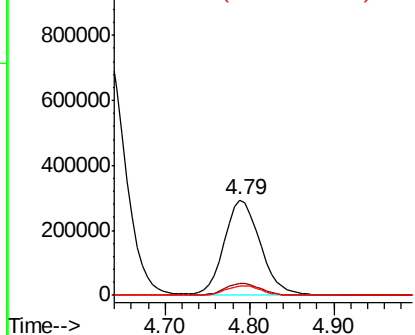
#37
Ethyl Acetate
Concen: 48.617 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	10.1	8.1	12.1

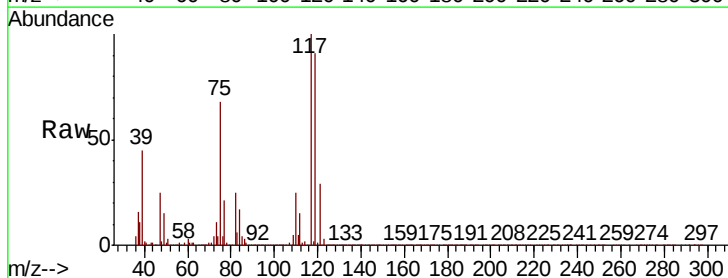


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

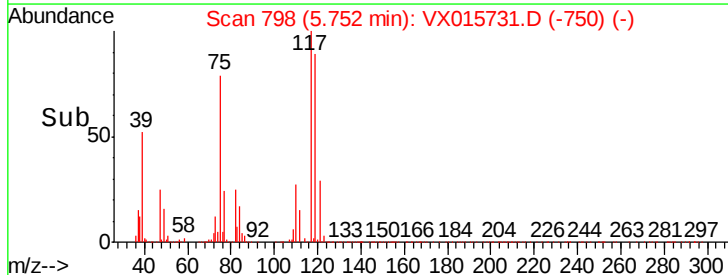
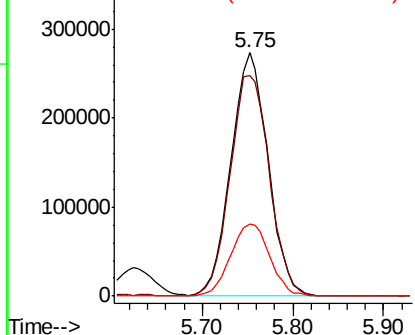


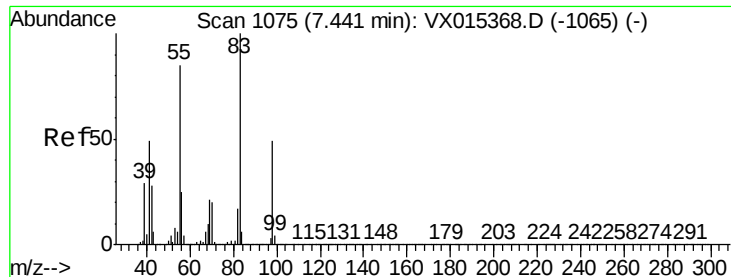
#38
Carbon Tetrachloride
Concen: 53.508 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	78.0	117.0
121	29.4	23.8	35.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

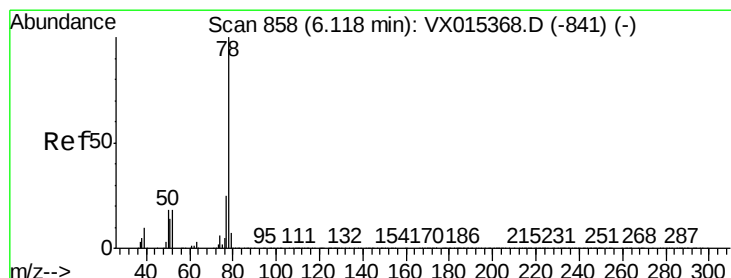
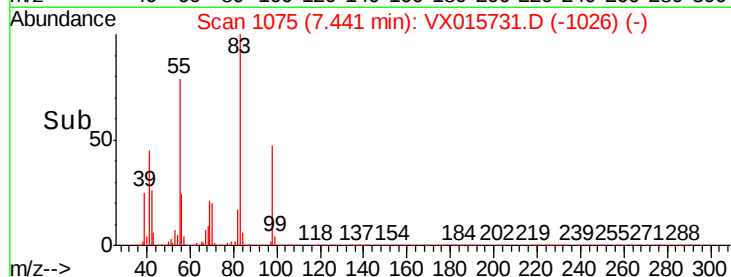
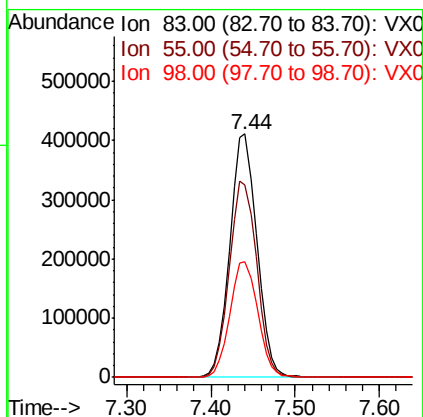
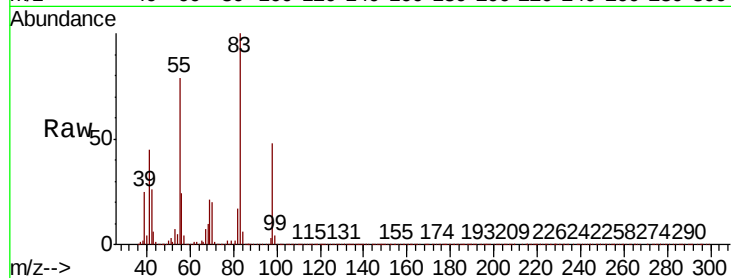




#39
Methvlcvclohexane
Concen: 57.851 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

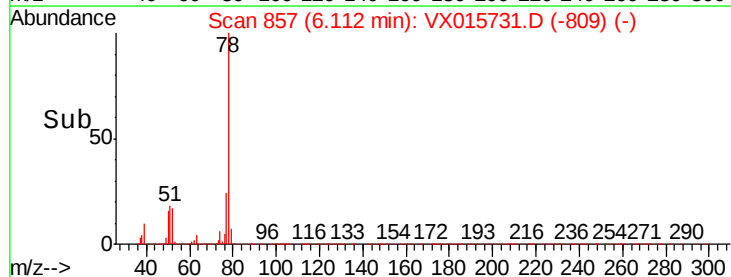
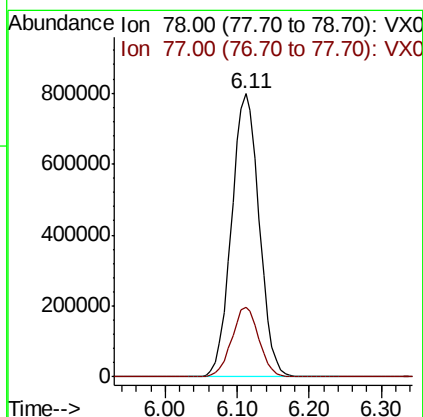
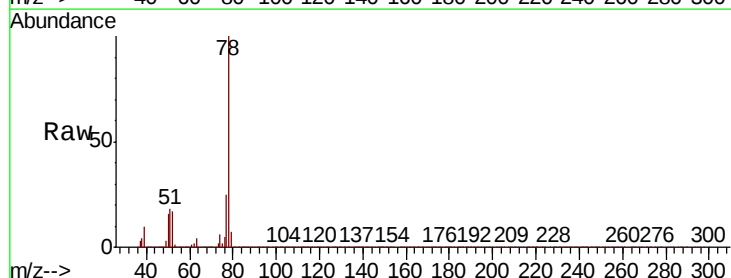
Instrument :
MSVOA_X
ClientSampleId :

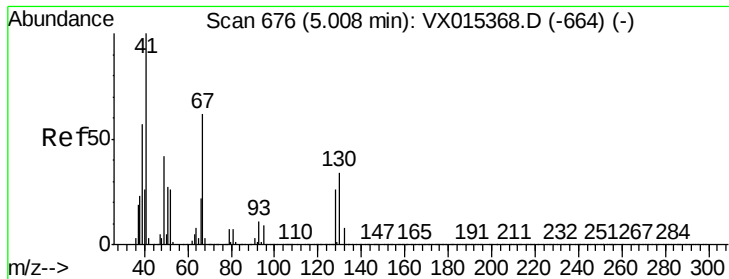
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	67.8	101.6
98	47.5	39.3	58.9



#40
Benzene
Concen: 54.319 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.8	29.8

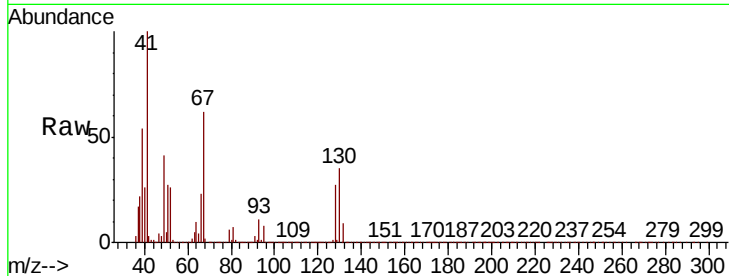




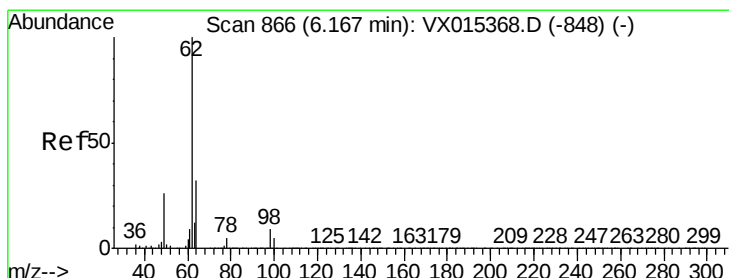
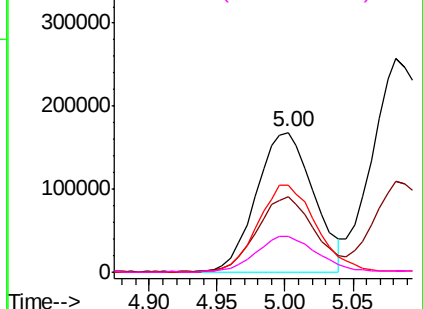
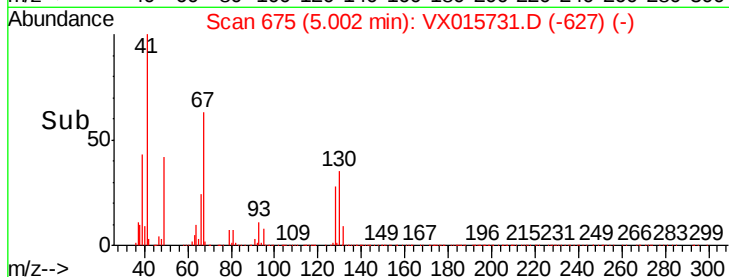
#41
Methacrylonitrile
Concen: 51.046 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	492587
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.5	66.7
67	63.9	48.9	73.3
52	26.8	21.8	32.6

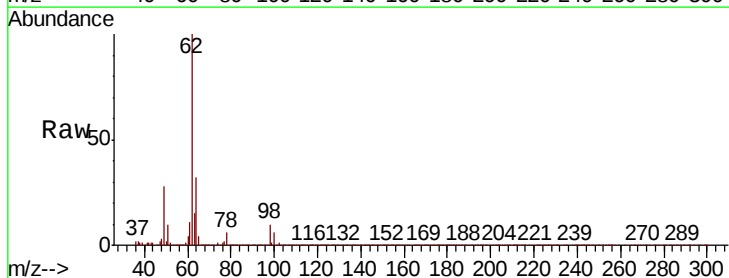


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

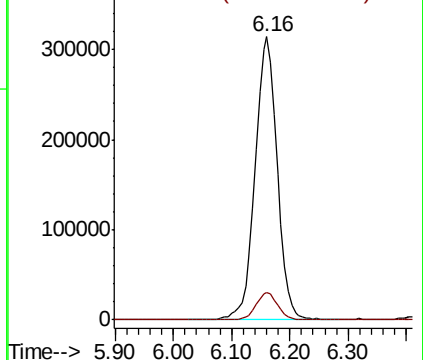
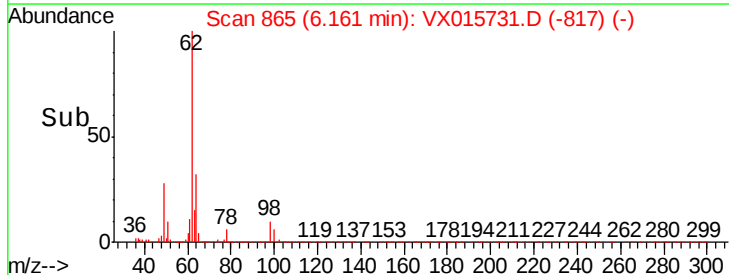


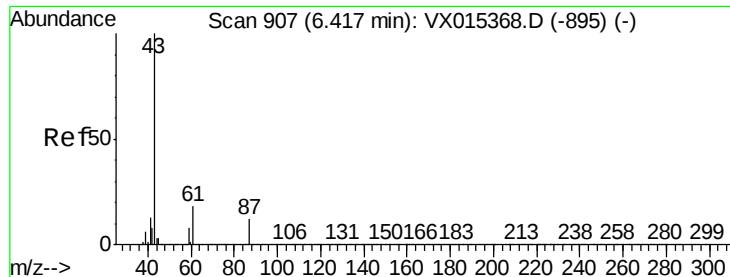
#42
1,2-Dichloroethane
Concen: 52.655 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion:	62	Resp:	827149
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 50.024 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

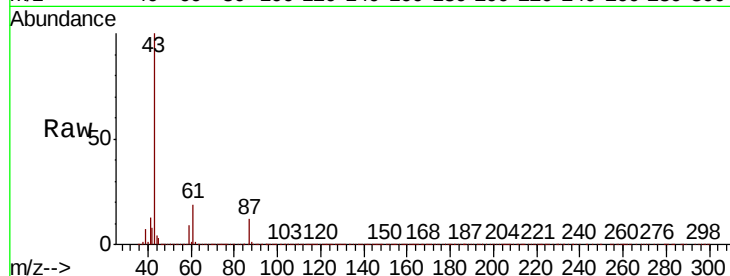
Tot Ion: 43 Resp: 1467956

Ion Ratio Lower Upper

43 100

61 19.1 14.8 22.2

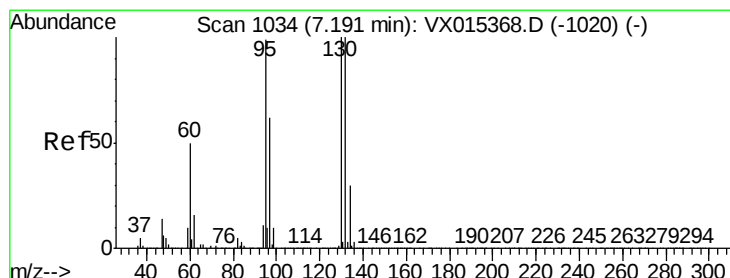
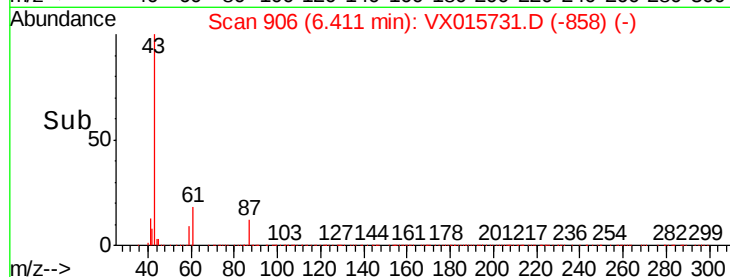
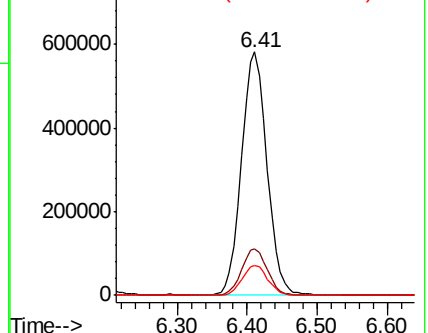
87 12.3 9.4 14.0



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: 57.341 ug/l

RT: 7.18 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX015731.D

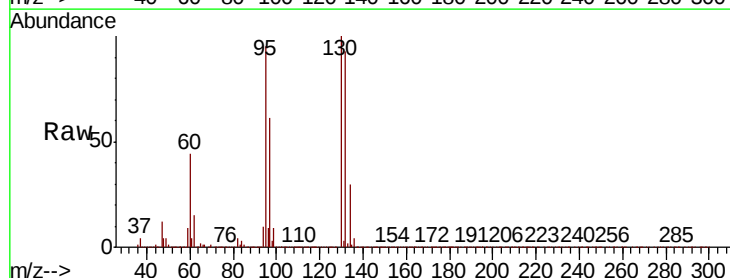
Acq: 17 Apr 2020 12:32

Tgt Ion:130 Resp: 611584

Ion Ratio Lower Upper

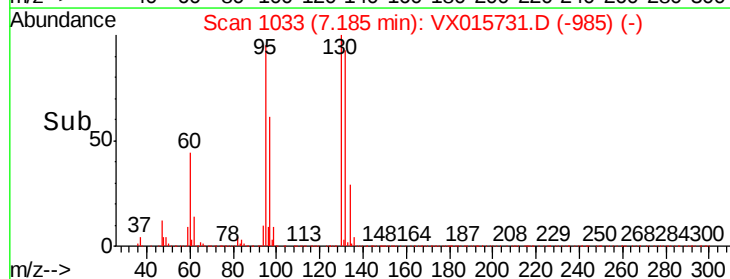
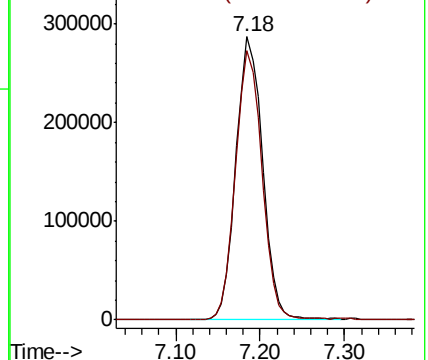
130 100

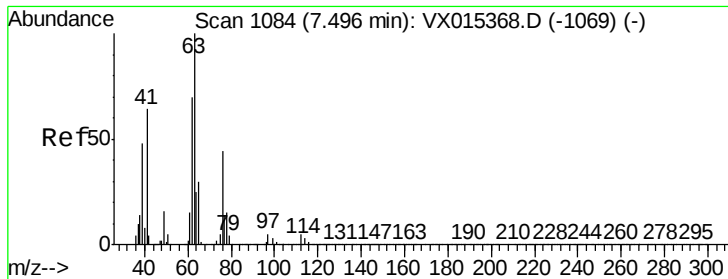
95 95.2 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

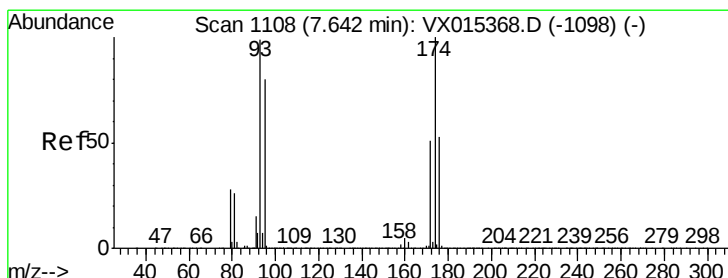
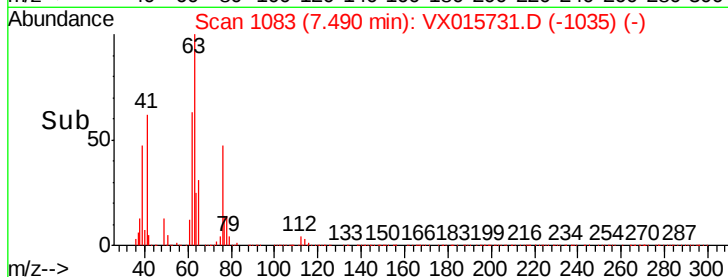
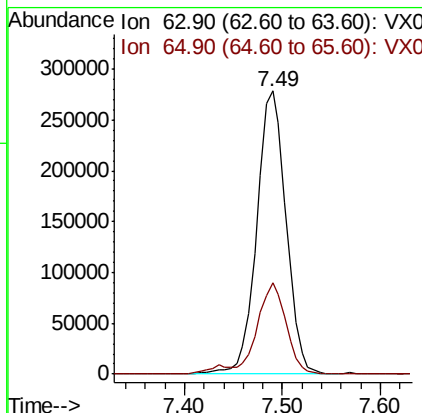
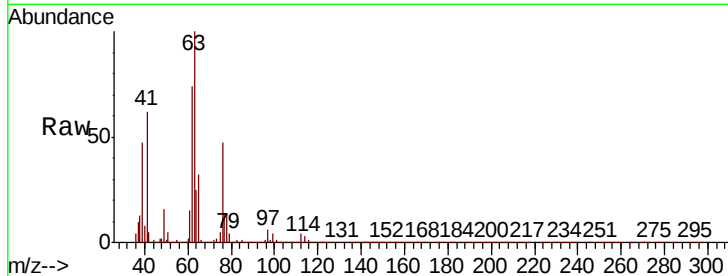




#45
 1,2-Dichloropropane
 Concen: 53.828 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

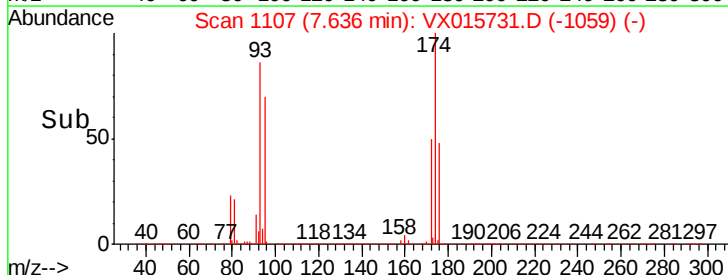
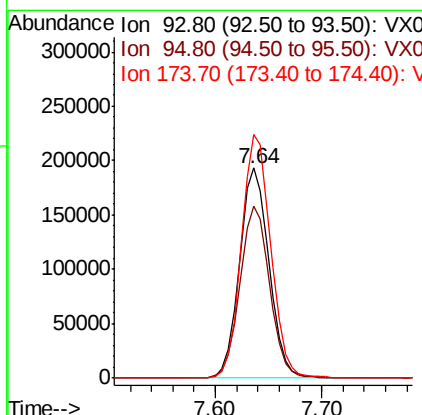
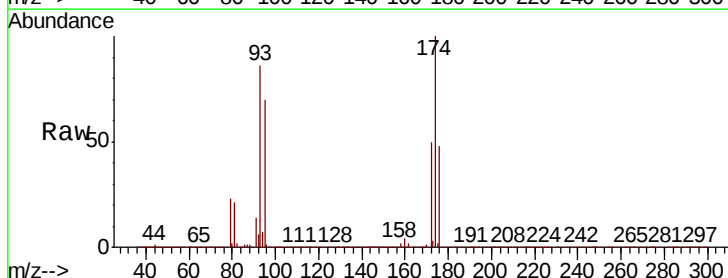
Instrument :
 MSVOA_X
 ClientSampleId :

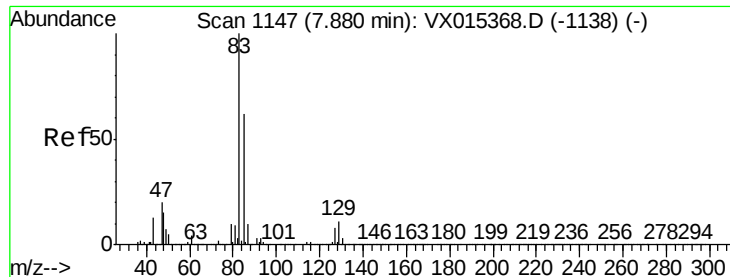
Tot Ion: 63 Resp: 575874
 Ion Ratio Lower Upper
 63 100
 65 32.0 23.9 35.9



#46
 Dibromomethane
 Concen: 53.464 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion: 93 Resp: 375201
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.8 98.8
 174 115.4 86.2 129.2





#47

Bromodichloromethane

Concen: 53.411 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :

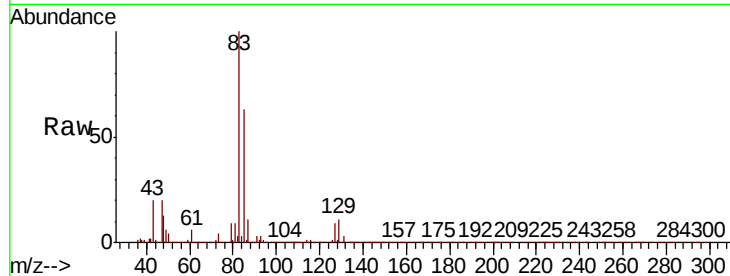
Tot Ion: 83 Resp: 798700

Ion Ratio Lower Upper

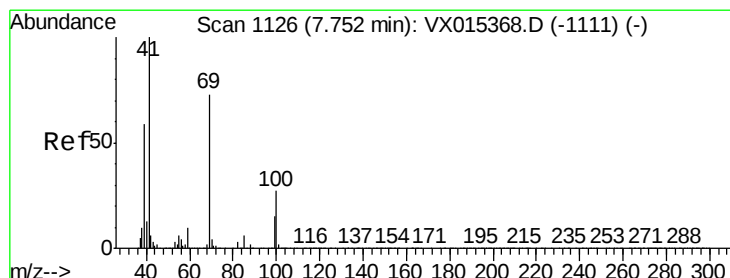
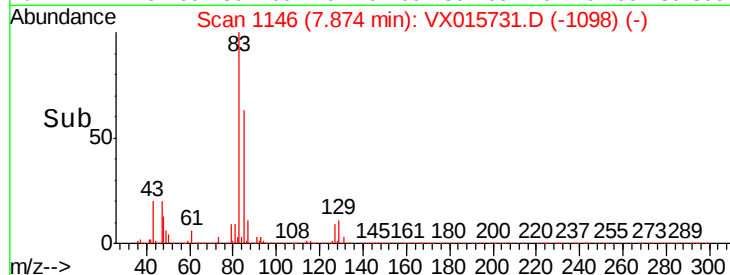
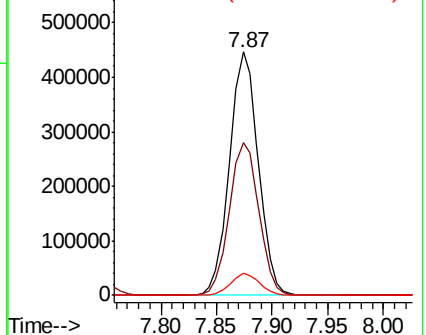
83 100

85 62.8 49.7 74.5

127 9.0 6.7 10.1



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: 50.019 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

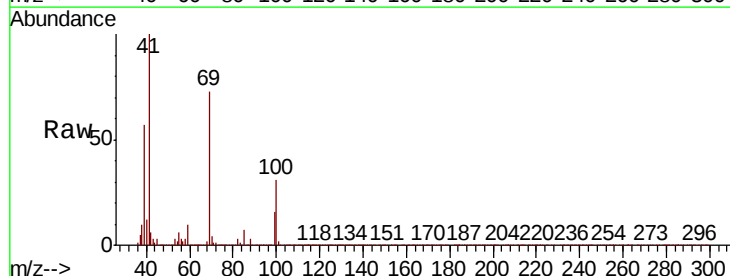
Tgt Ion: 41 Resp: 733153

Ion Ratio Lower Upper

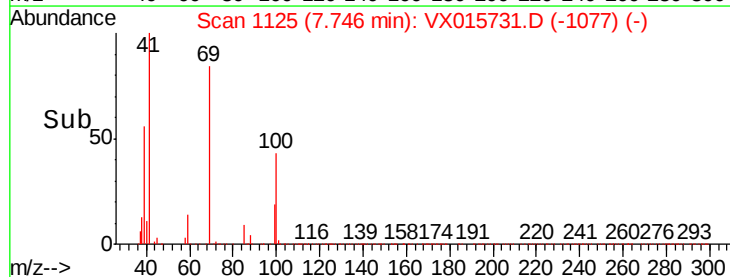
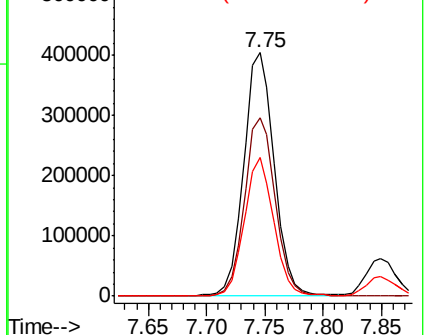
41 100

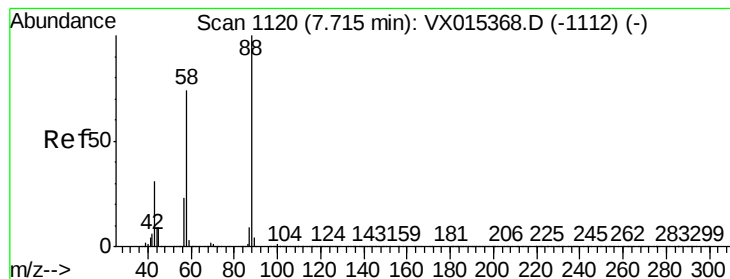
69 74.2 56.7 85.1

39 55.2 46.5 69.7



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: 1005.137 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampled :

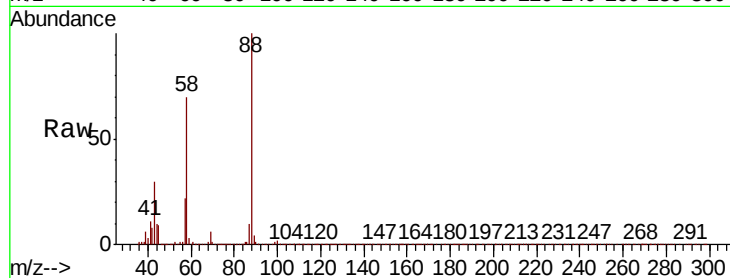
Tot Ion: 88 Resp: 274842

Ion Ratio Lower Upper

88 100

43 35.5 30.1 45.1

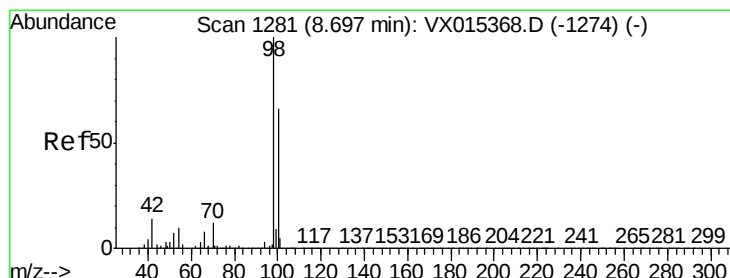
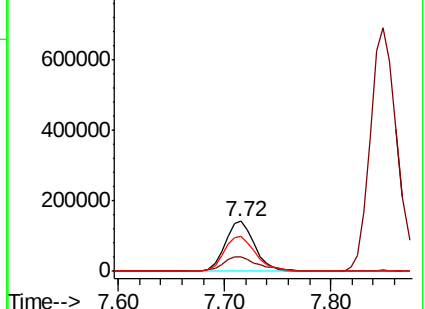
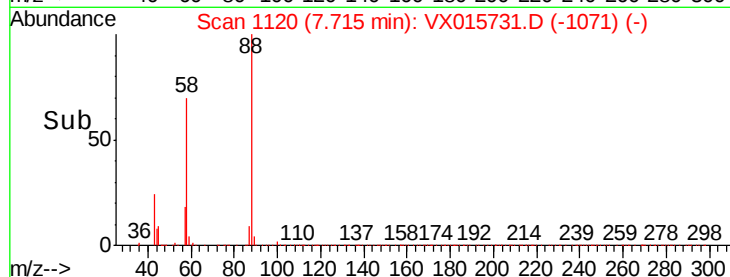
58 73.4 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.111 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015731.D

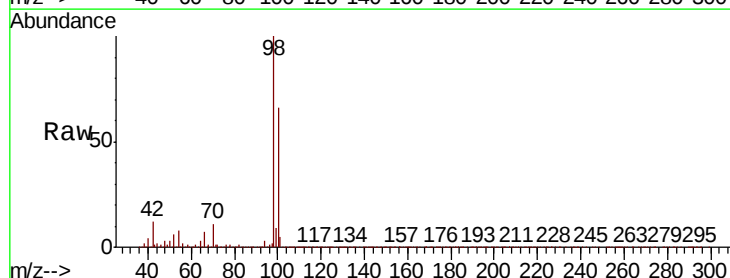
Acq: 17 Apr 2020 12:32

Tgt Ion: 98 Resp: 1811132

Ion Ratio Lower Upper

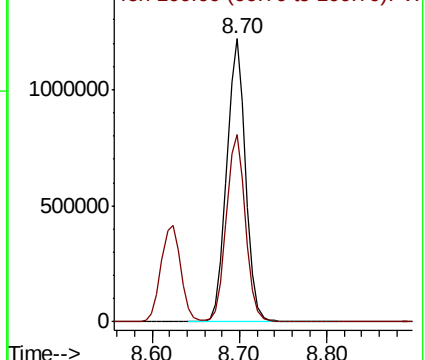
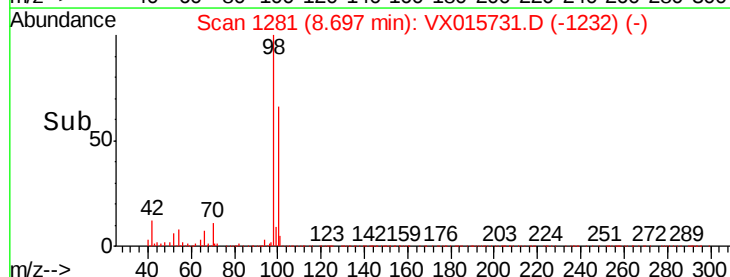
98 100

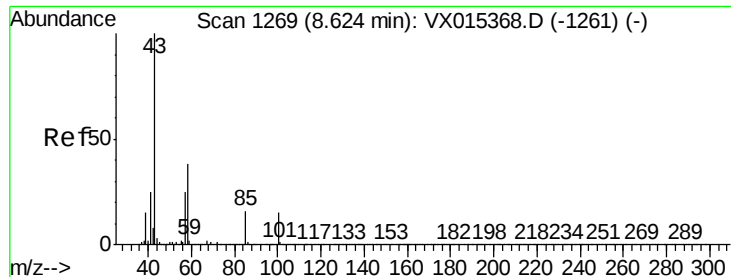
100 67.3 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 258.686 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

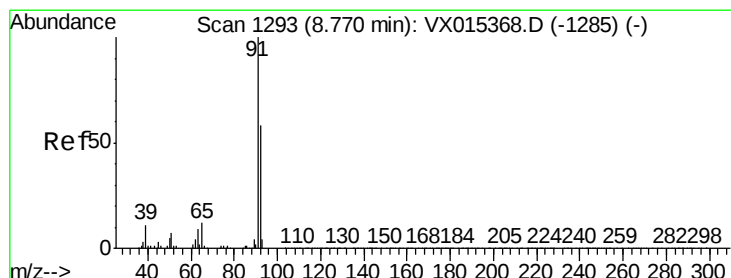
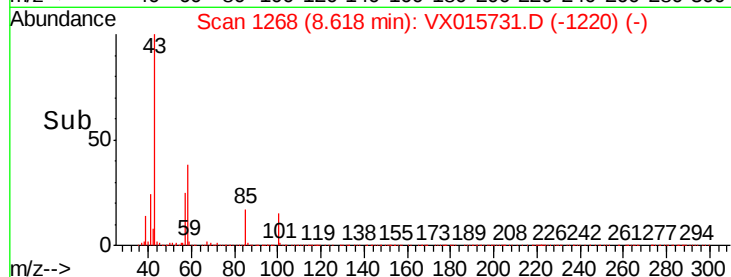
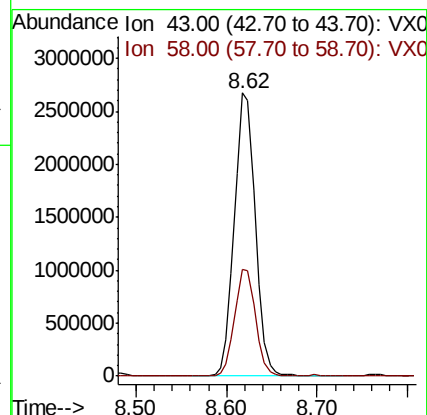
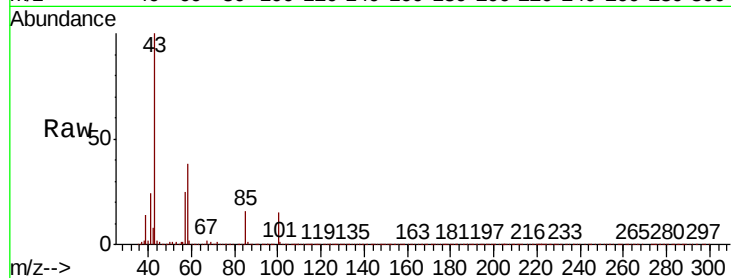
ClientSampleId :

Tot Ion: 43 Resp: 4302091

Ion Ratio Lower Upper

43 100

58 37.7 29.7 44.5



#52

Toluene

Concen: 57.491 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015731.D

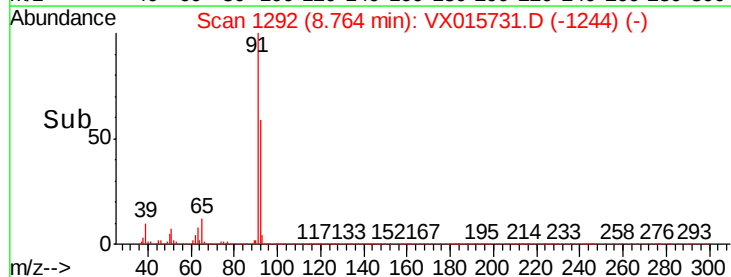
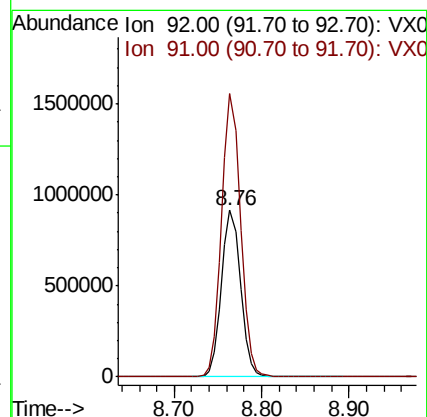
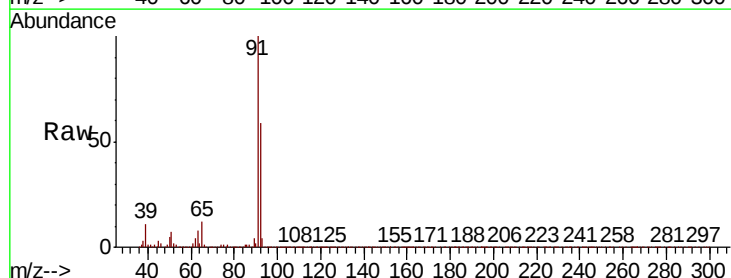
Acq: 17 Apr 2020 12:32

Tgt Ion: 92 Resp: 1386166

Ion Ratio Lower Upper

92 100

91 168.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 51.857 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

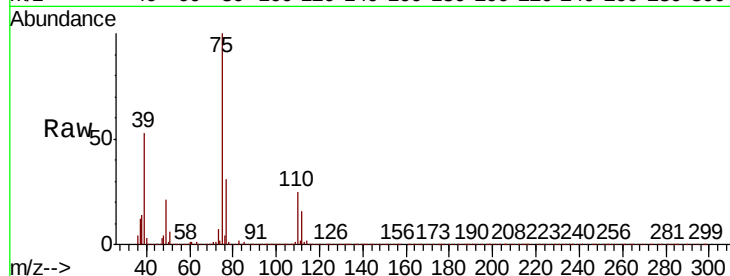
ClientSampleId :

Tot Ion: 75 Resp: 909470

Ion Ratio Lower Upper

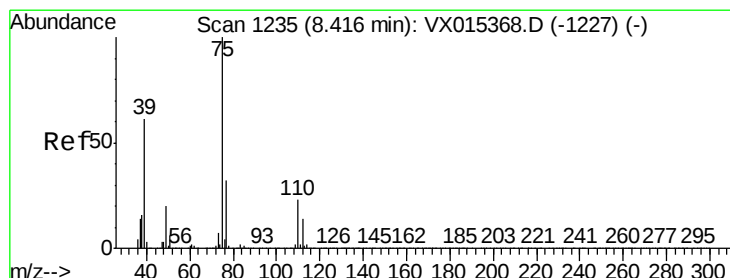
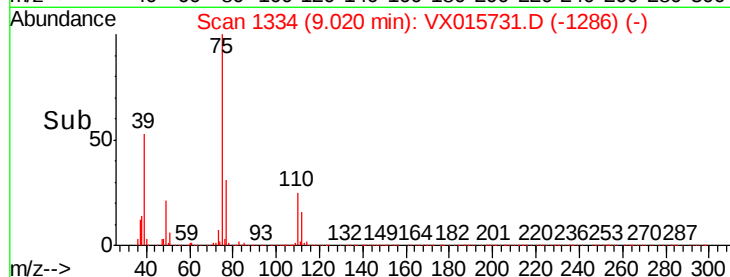
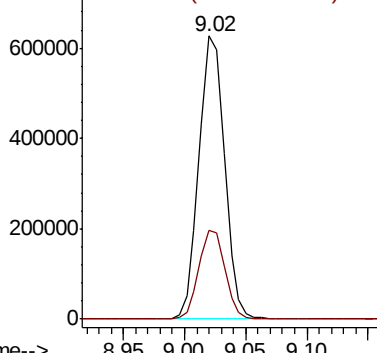
75 100

77 31.2 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 54.702 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

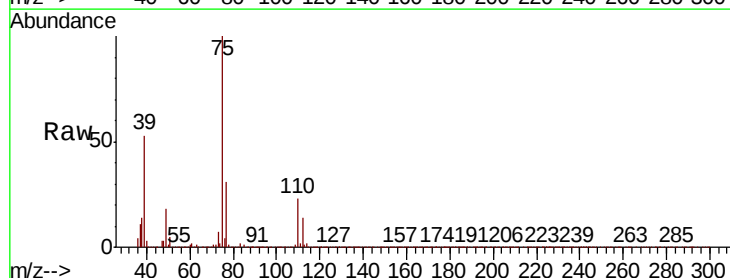
Tgt Ion: 75 Resp: 977269

Ion Ratio Lower Upper

75 100

77 30.5 25.8 38.6

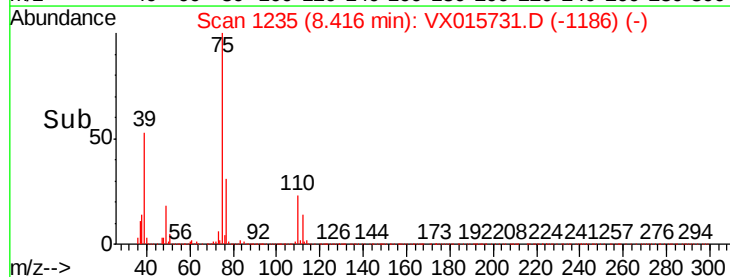
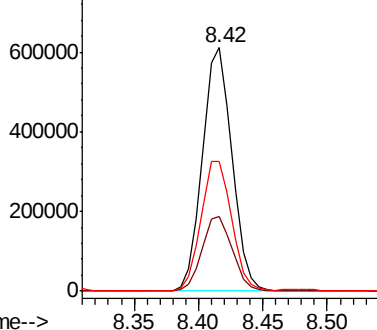
39 53.0 49.0 73.4

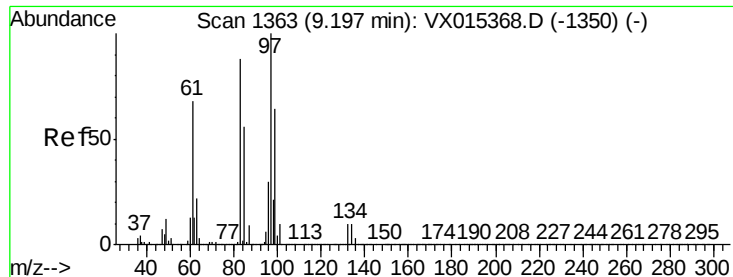


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

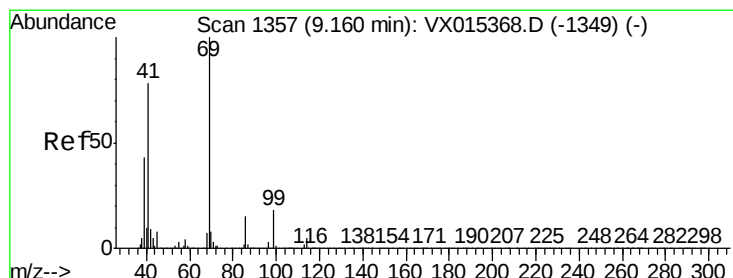
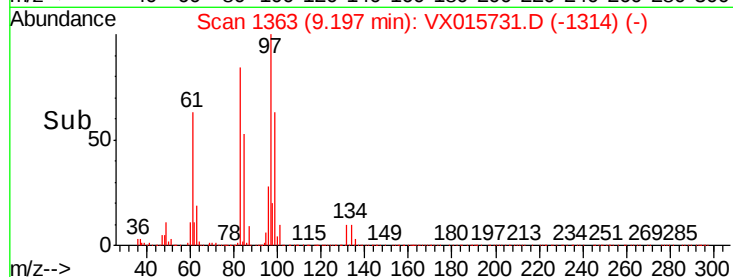
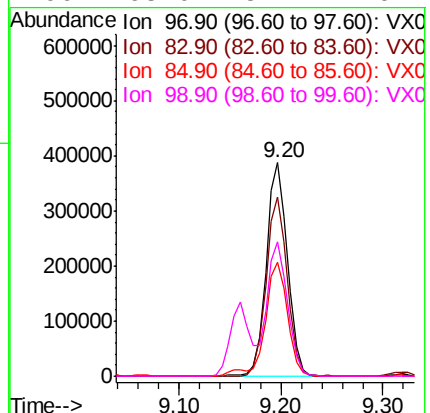
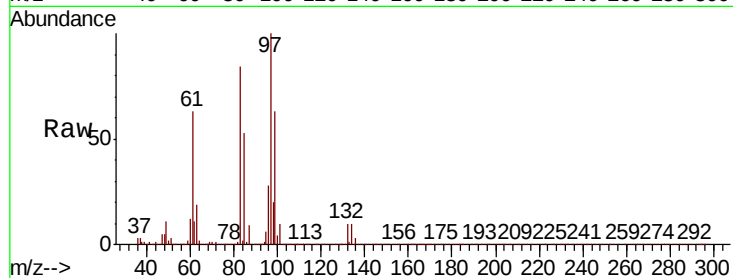




#55
 1,1,2-Trichloroethane
 Concen: 56.706 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

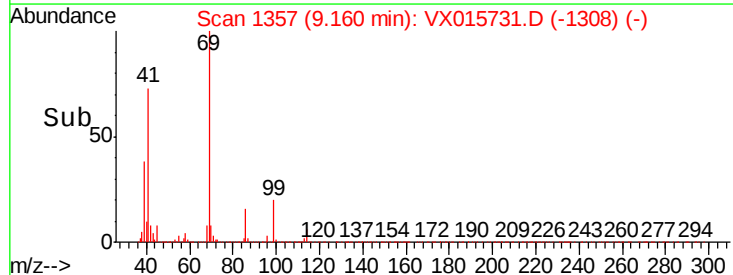
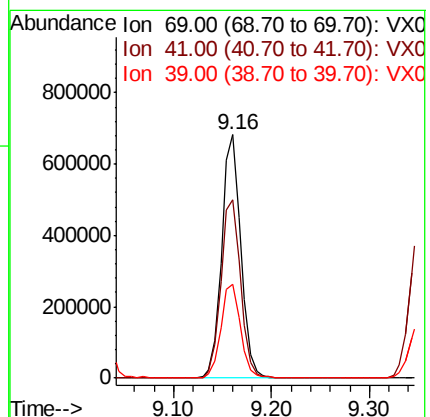
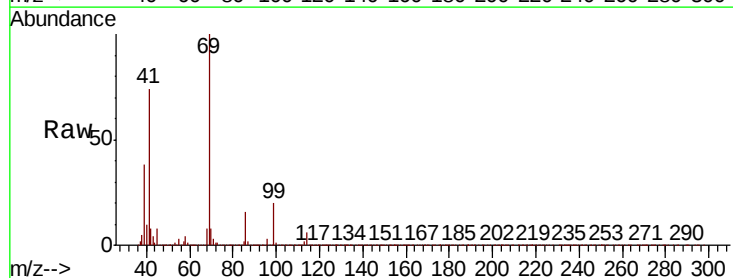
Instrument :
 MSVOA_X
 ClientSampleId :

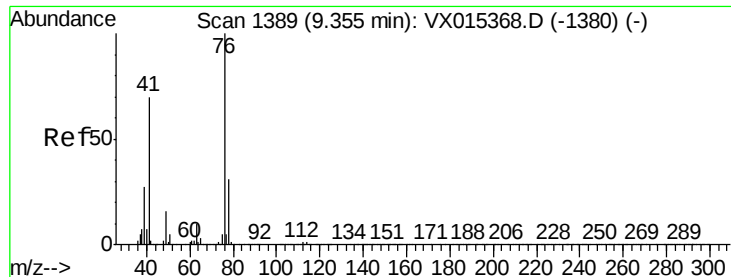
Tot Ion:	97	Resp:	560162
Ion	Ratio	Lower	Upper
97	100		
83	83.8	70.2	105.4
85	53.4	44.7	67.1
99	63.0	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 52.893 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion:	69	Resp:	920838
Ion	Ratio	Lower	Upper
69	100		
41	75.7	61.6	92.4
39	39.8	34.0	51.0





#57

1,3-Dichloropropane

Concen: 54.299 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

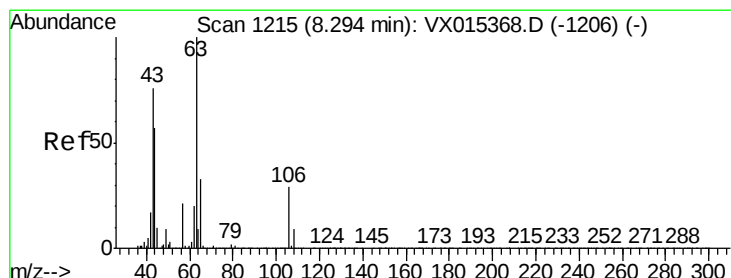
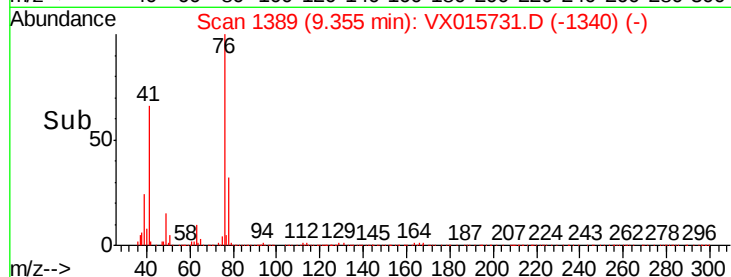
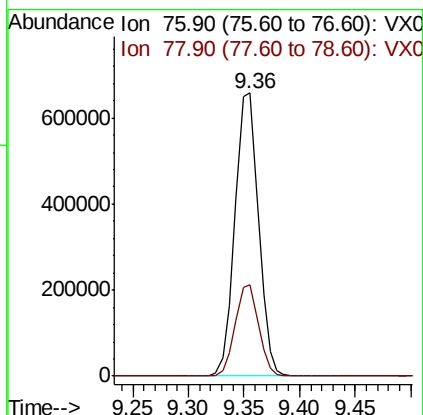
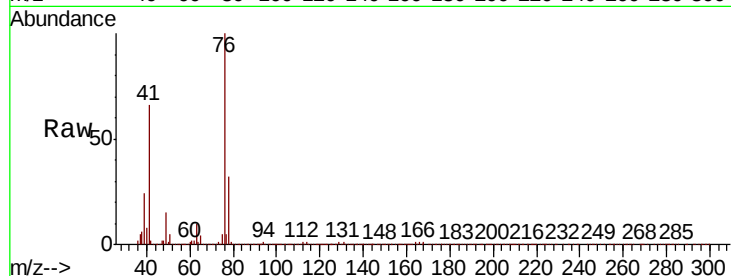
ClientSampleId :

Tot Ion: 76 Resp: 966404

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 253.616 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015731.D

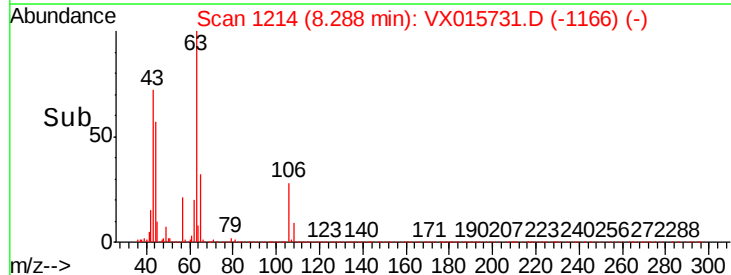
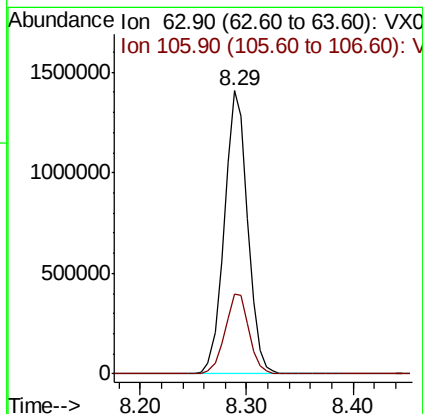
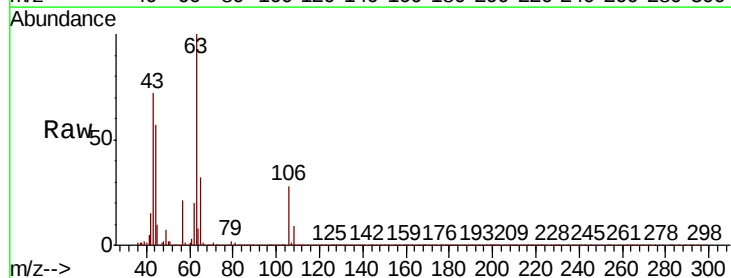
Acq: 17 Apr 2020 12:32

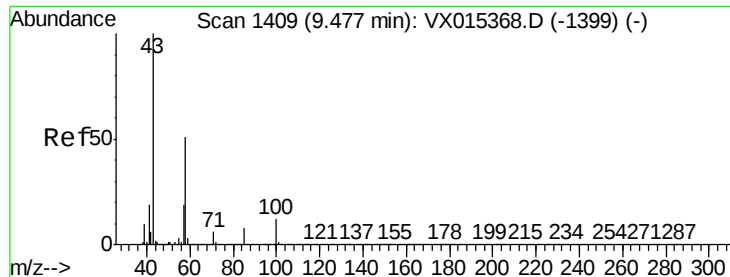
Tgt Ion: 63 Resp: 2147619

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1

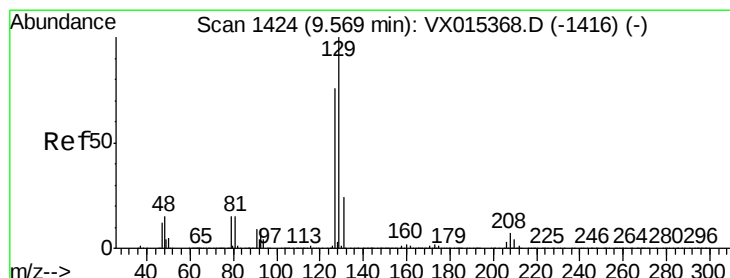
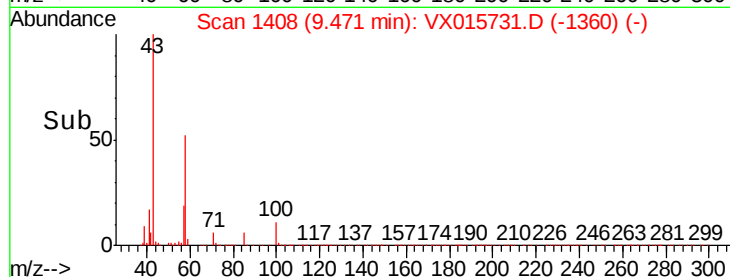
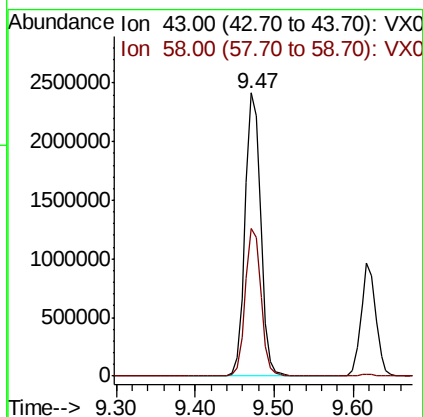
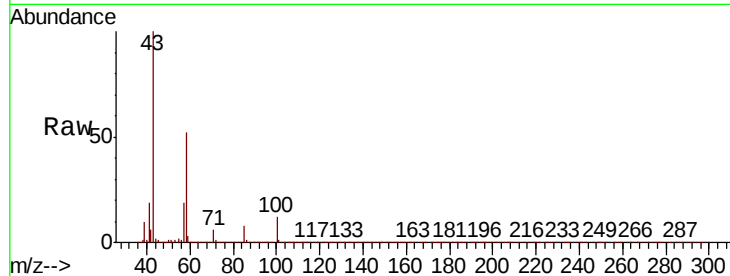




#59
2-Hexanone
Concen: 263.890 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

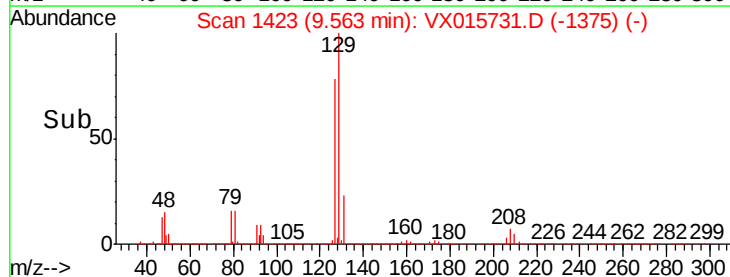
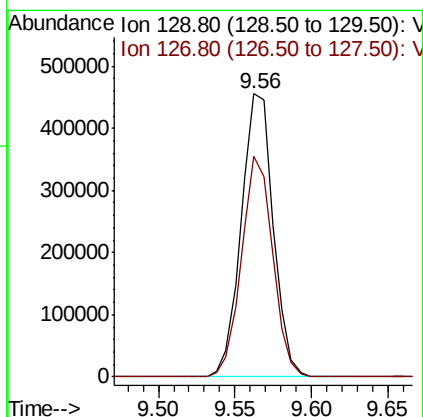
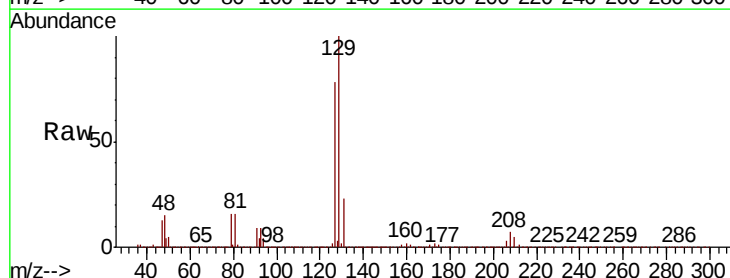
Instrument :
MSVOA_X
ClientSampleId :

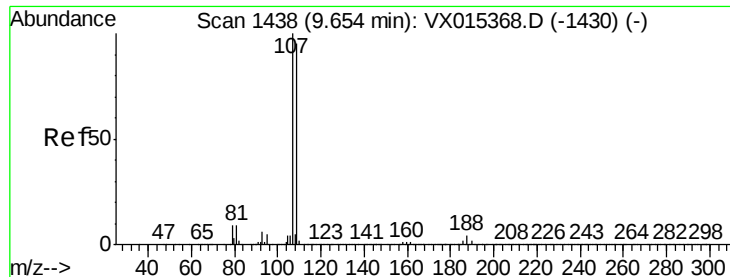
Tot Ion: 43 Resp: 3313325
Ion Ratio Lower Upper
43 100
58 52.5 25.6 76.6



#60
Dibromochloromethane
Concen: 55.793 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion:129 Resp: 662277
Ion Ratio Lower Upper
129 100
127 75.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 54.434 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

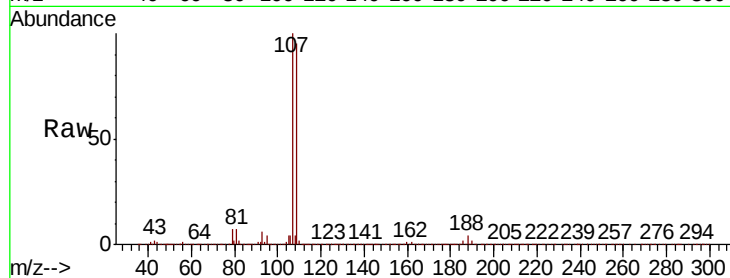
ClientSampleId :

Tot Ion: 107 Resp: 584690

Ion Ratio Lower Upper

107 100

109 95.0 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

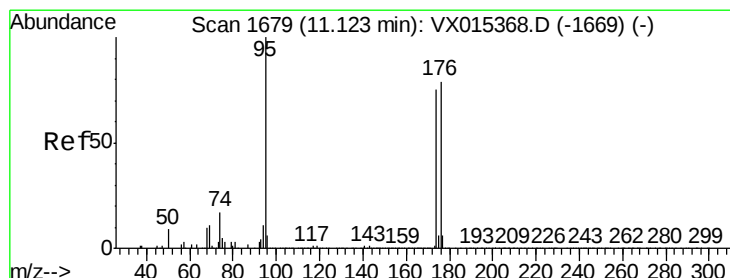
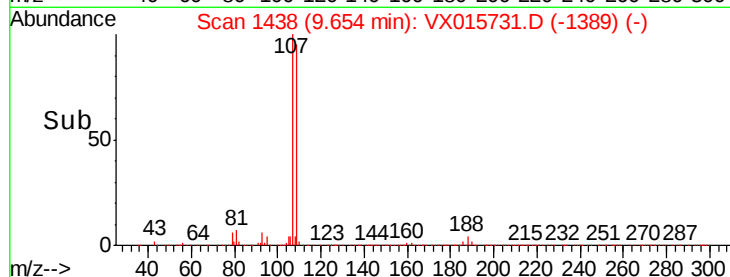
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.729 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

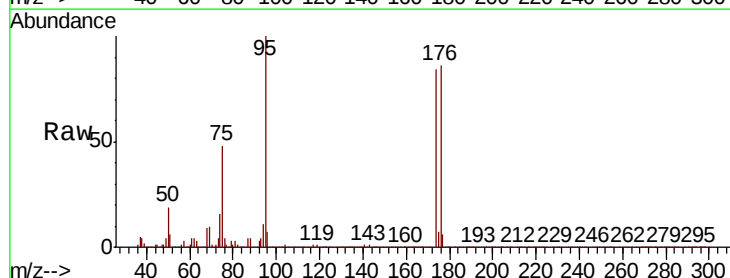
Tgt Ion: 95 Resp: 730756

Ion Ratio Lower Upper

95 100

174 86.3 0.0 158.6

176 84.5 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

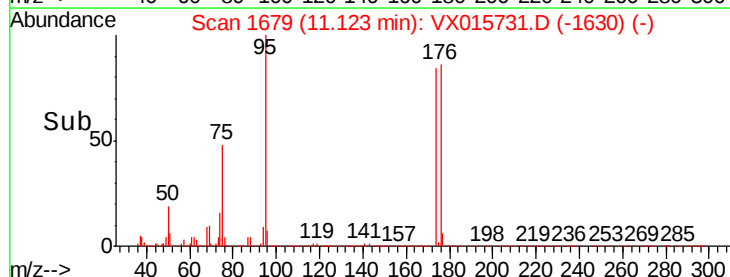
600000

400000

200000

0

Time-->

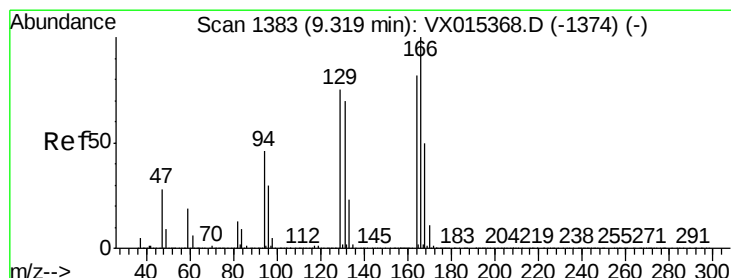
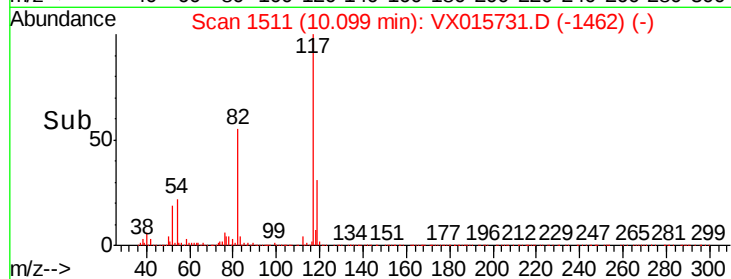
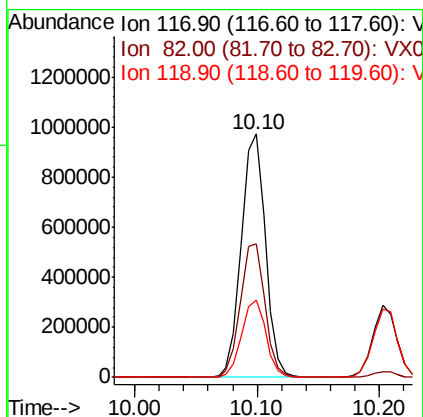
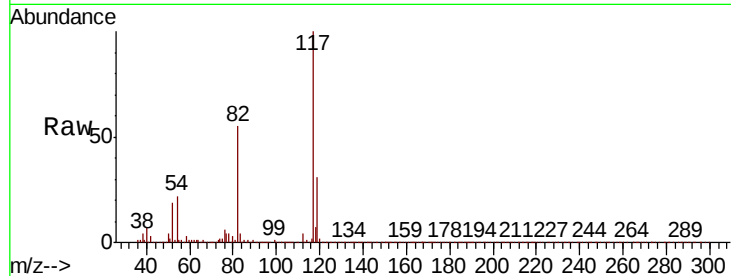




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

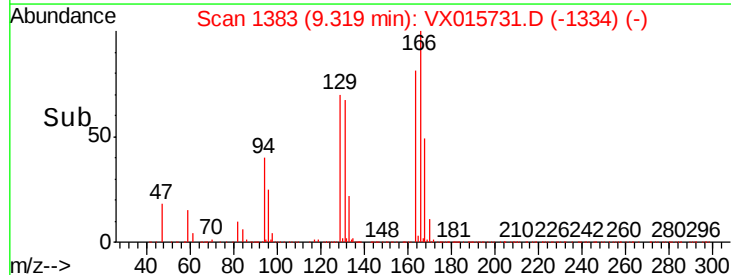
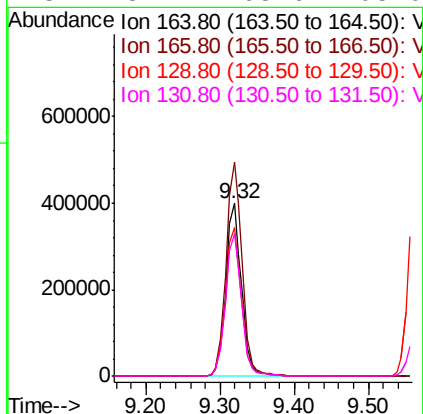
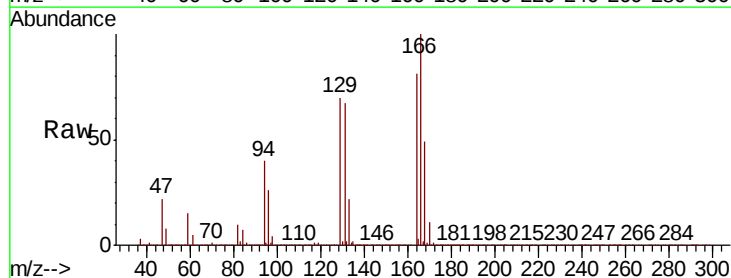
Instrument :
MSVOA_X
ClientSampleId :

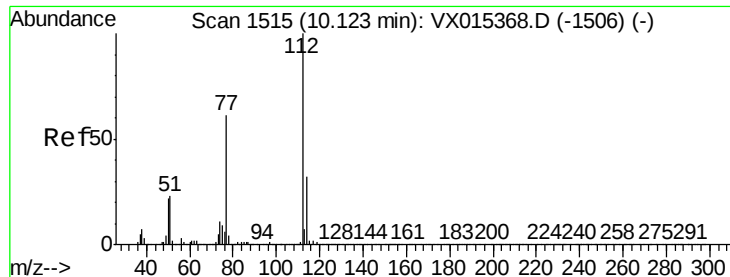
Tot Ion:117 Resp: 1333285
Ion Ratio Lower Upper
117 100
82 54.9 47.8 71.8
119 31.5 26.8 40.2



#64
Tetrachloroethene
Concen: 57.871 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion:164 Resp: 582292
Ion Ratio Lower Upper
164 100
166 124.0 97.8 146.6
129 86.4 73.0 109.4
131 82.7 68.6 103.0

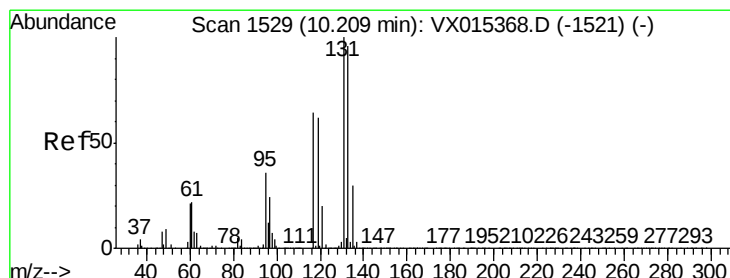
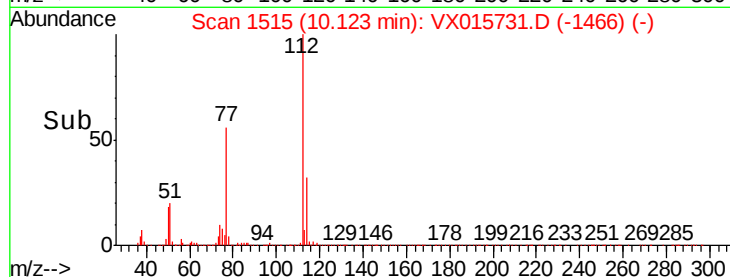
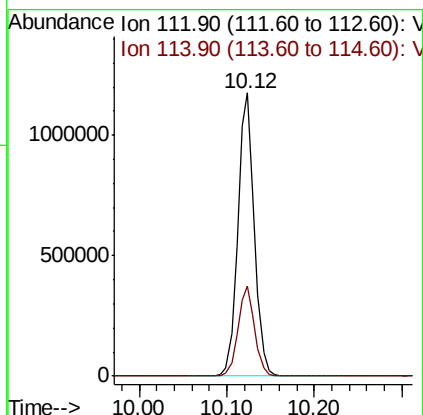
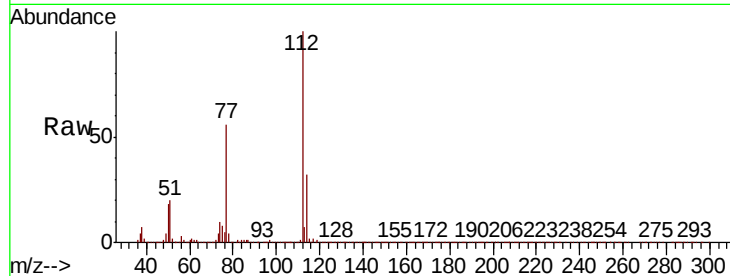




#65
Chlorobenzene
Concen: 58.055 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

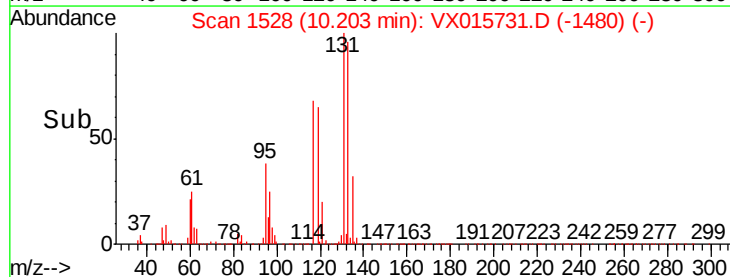
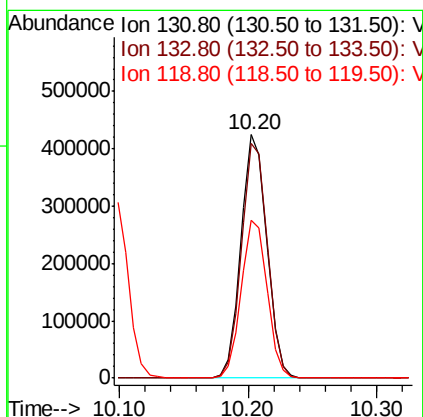
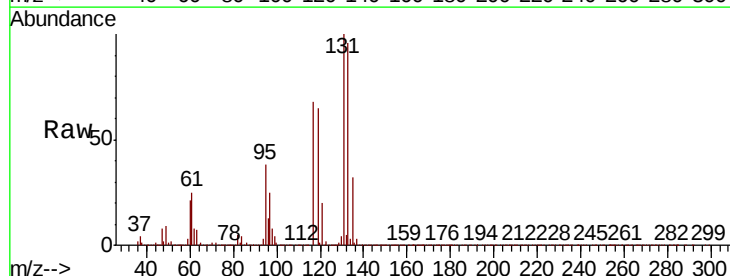
Instrument :
MSVOA_X
ClientSampled :

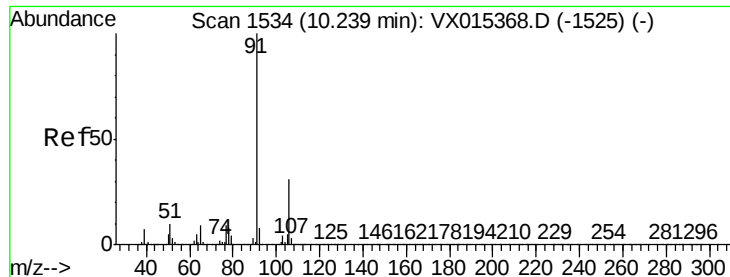
Tot Ion:112 Resp: 1543664
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.338 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion:131 Resp: 587844
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.9
119 65.1 31.1 93.3





#67

Ethyl Benzene

Concen: 56.873 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

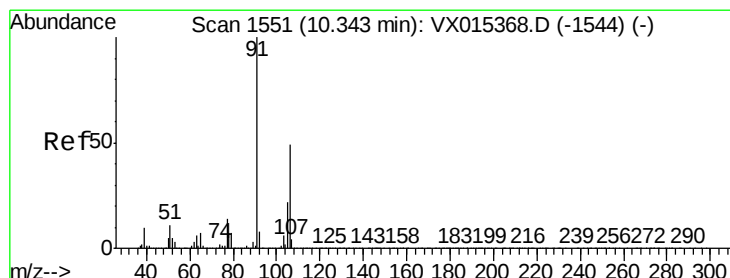
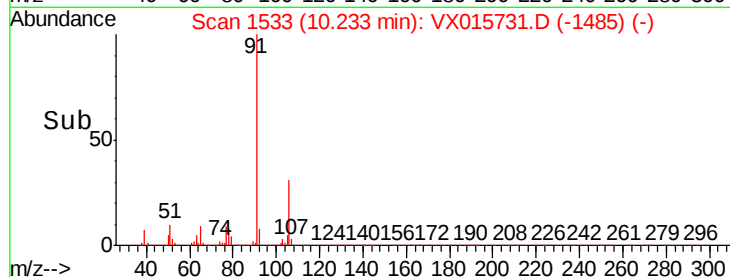
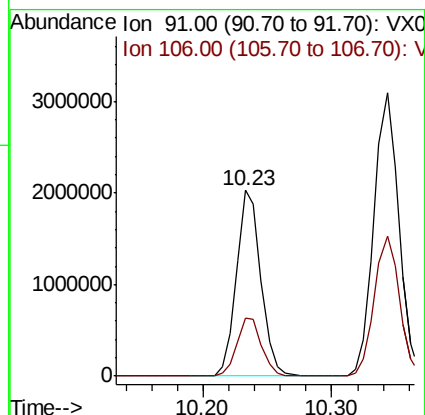
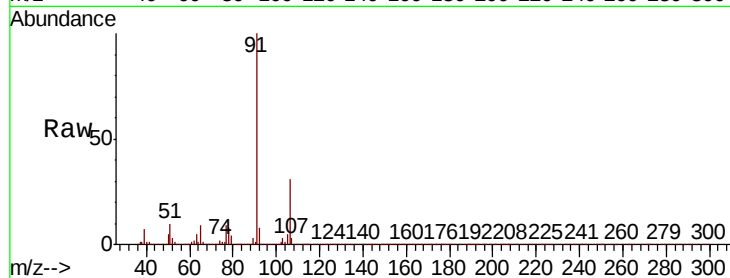
ClientSampleId :

Tot Ion: 91 Resp: 2682088

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 117.366 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015731.D

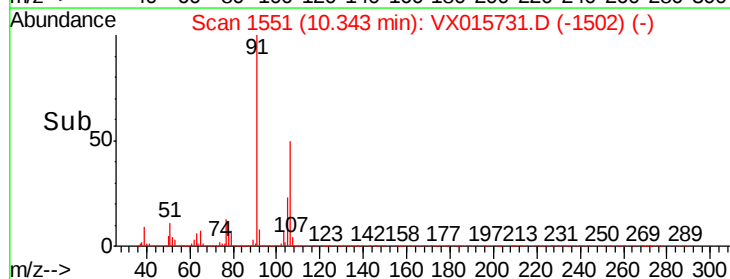
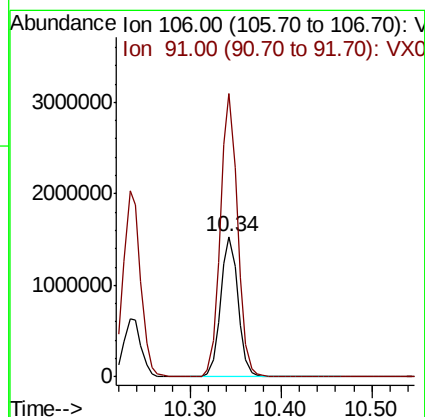
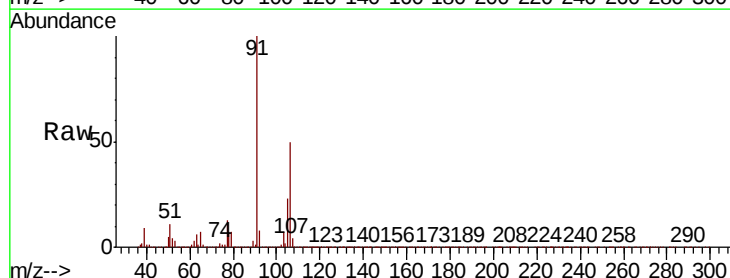
Acq: 17 Apr 2020 12:32

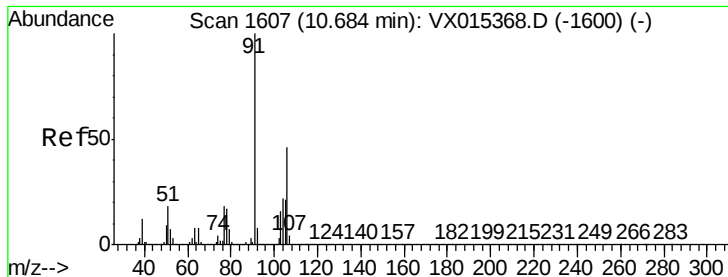
Tgt Ion: 106 Resp: 2061014

Ion Ratio Lower Upper

106 100

91 199.4 163.4 245.0

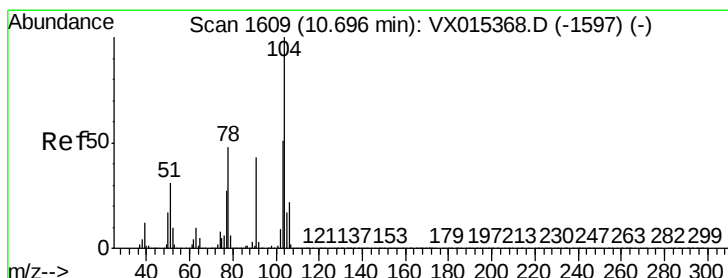
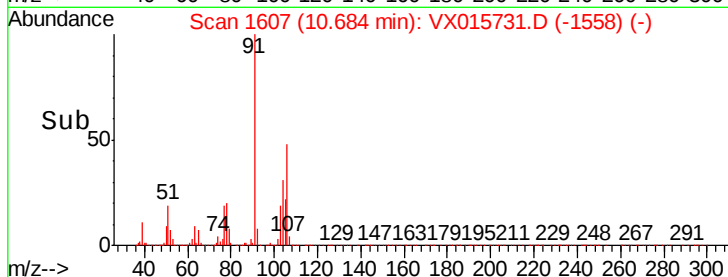
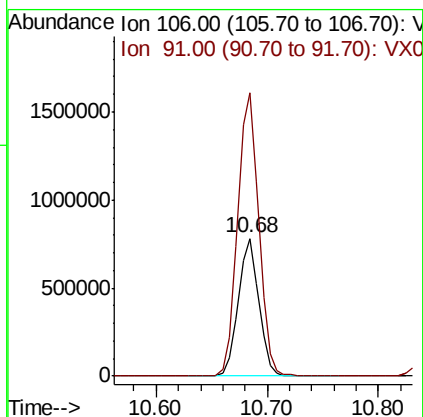
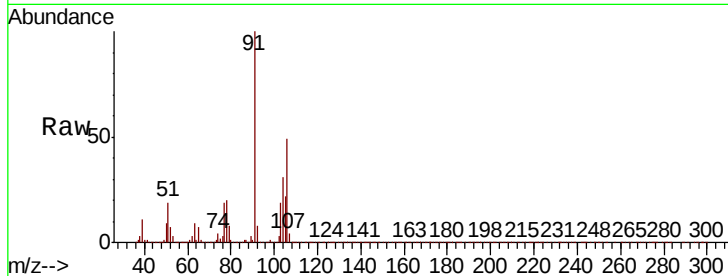




#69
o-Xylene
Concen: 57.568 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

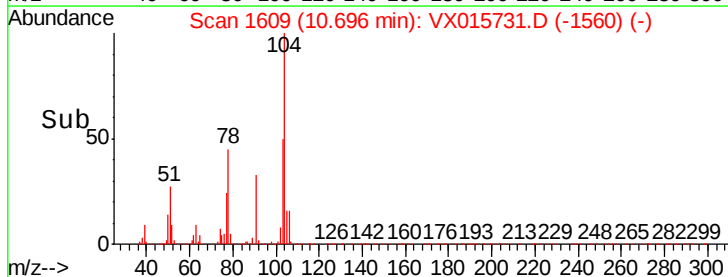
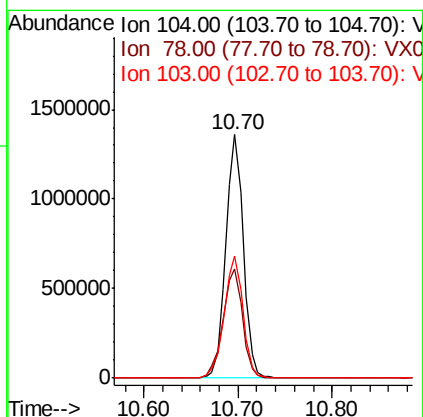
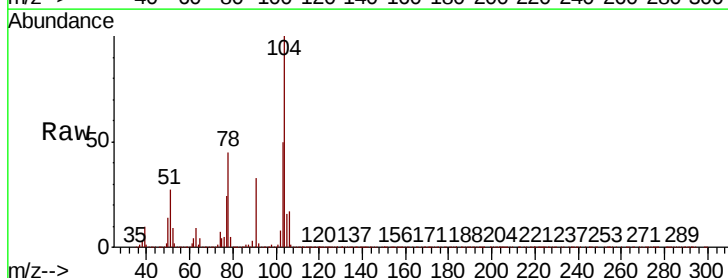
Instrument :
MSVOA_X
ClientSampleId :

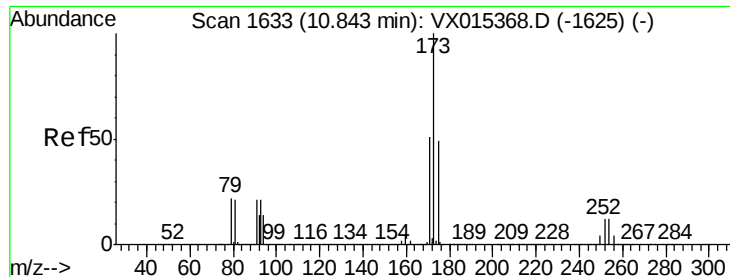
Tot Ion:106 Resp: 998959
Ion Ratio Lower Upper
106 100
91 211.5 107.1 321.3



#70
Styrene
Concen: 57.708 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion:104 Resp: 1762128
Ion Ratio Lower Upper
104 100
78 49.7 42.0 63.0
103 53.6 43.4 65.0

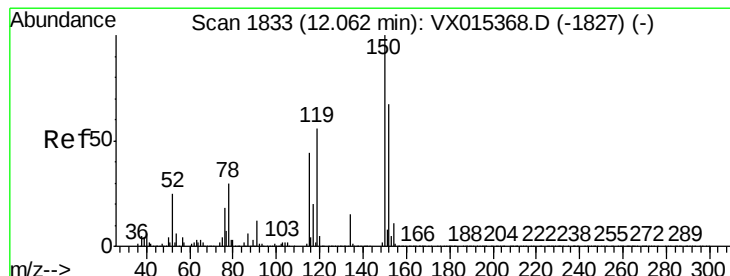
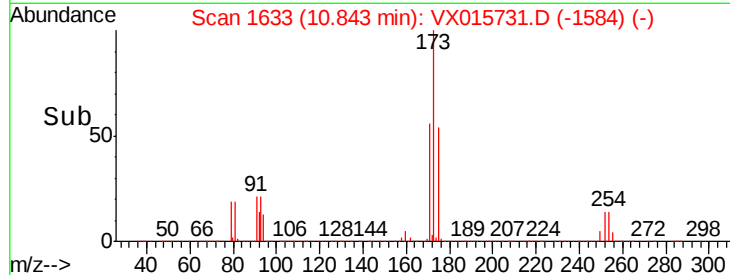
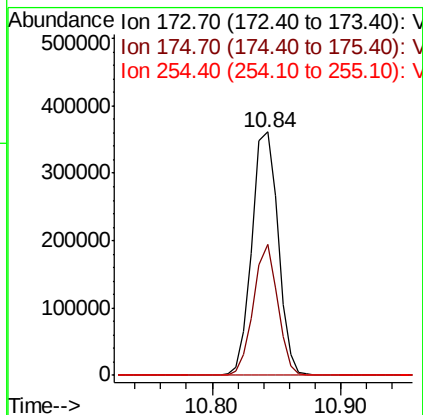
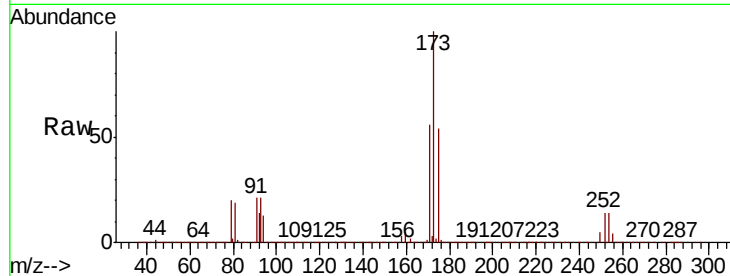




#71
Bromoform
Concen: 52.124 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

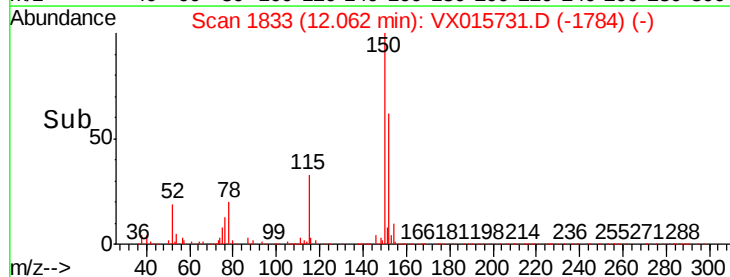
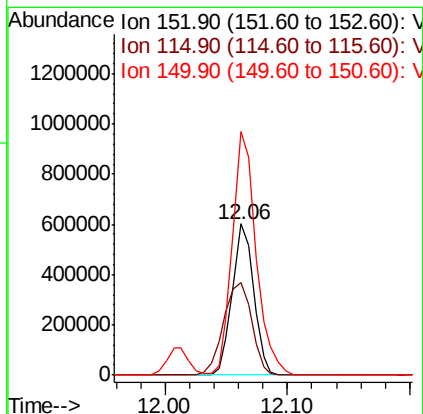
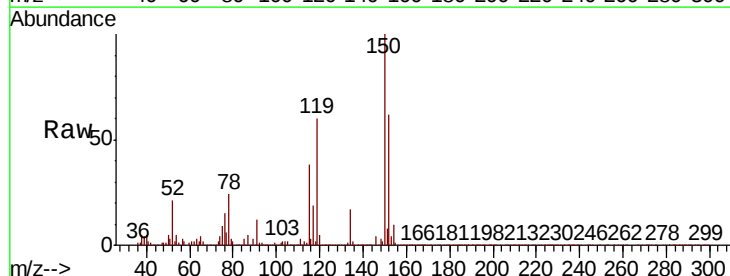
Instrument :
MSVOA_X
ClientSampled :

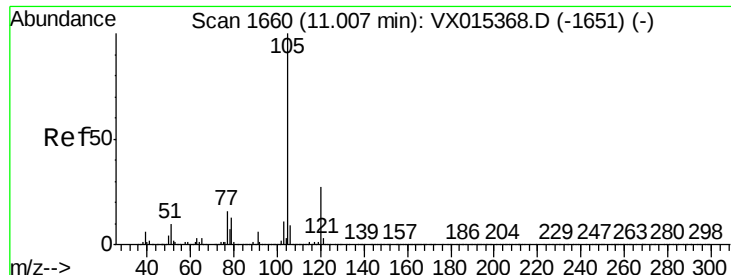
Tot Ion:173 Resp: 504056
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion:152 Resp: 723851
Ion Ratio Lower Upper
152 100
115 81.1 39.0 116.9
150 178.9 0.0 340.8





#73

Isopropylbenzene

Concen: 56.556 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

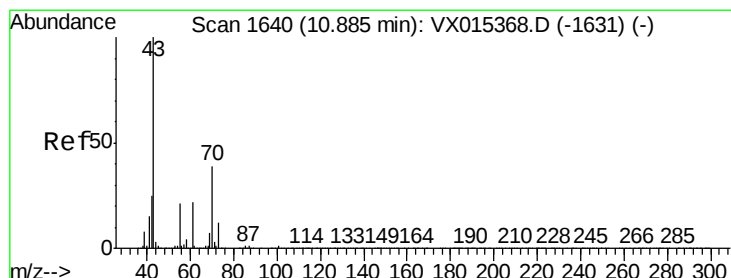
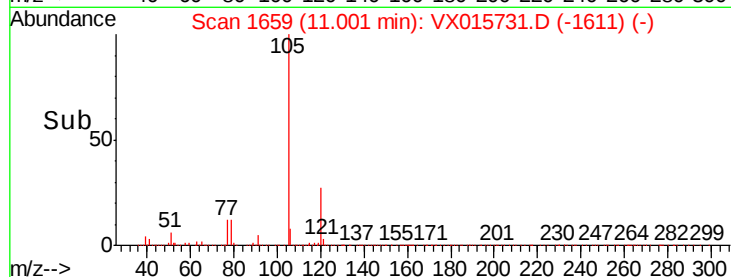
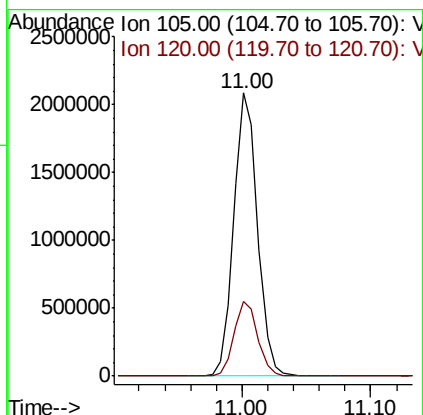
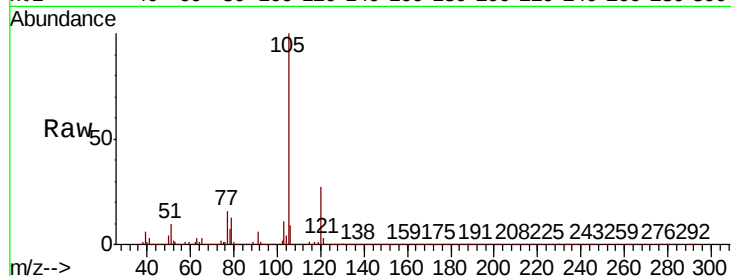
ClientSampleId :

Tot Ion:105 Resp: 2682376

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 48.169 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion: 43 Resp: 1270640

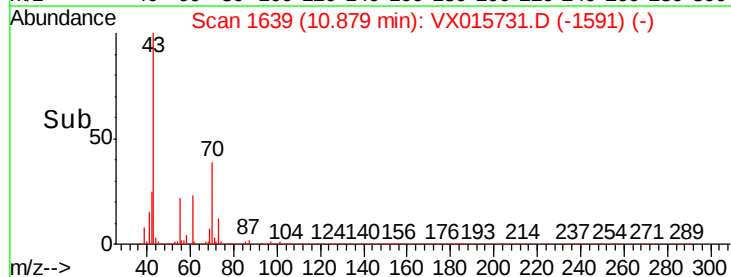
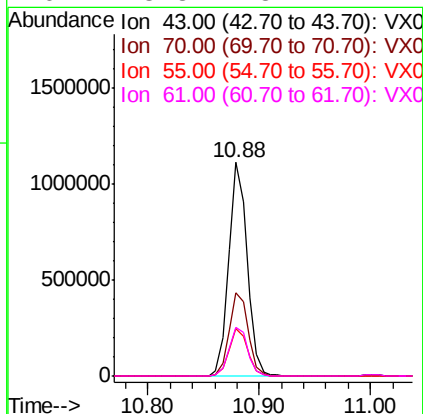
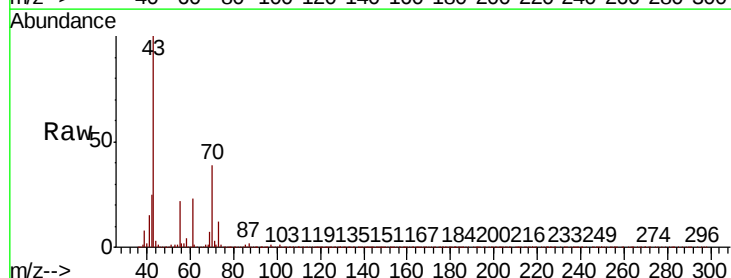
Ion Ratio Lower Upper

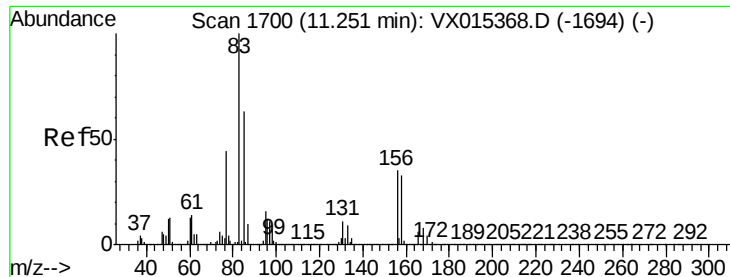
43 100

70 39.8 30.2 45.4

55 22.6 16.8 25.2

61 23.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.692 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

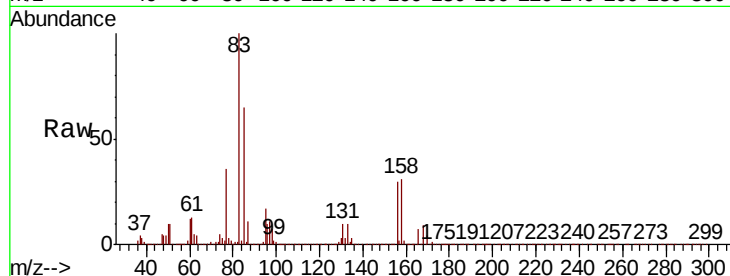
Tot Ion: 83 Resp: 841263

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

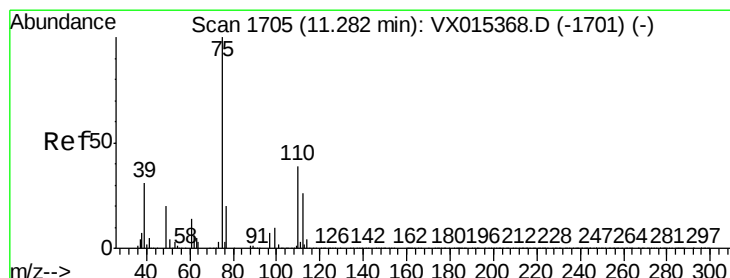
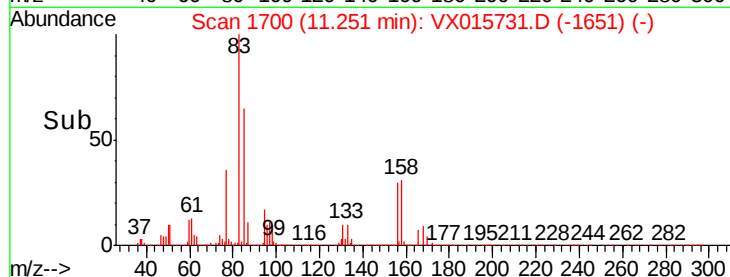
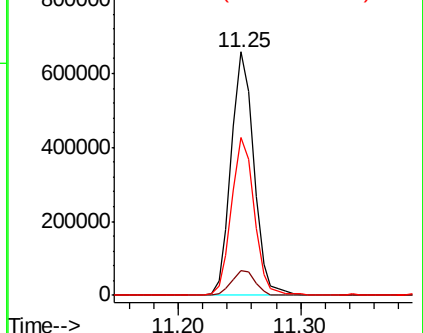
85 65.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX015731.D (-1651) (-)

Ion 130.80 (130.50 to 131.50): VX015731.D (-1651) (-)

Ion 84.90 (84.60 to 85.60): VX015731.D (-1651) (-)



#76

1,2,3-Trichloropropane

Concen: 67.191 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015731.D

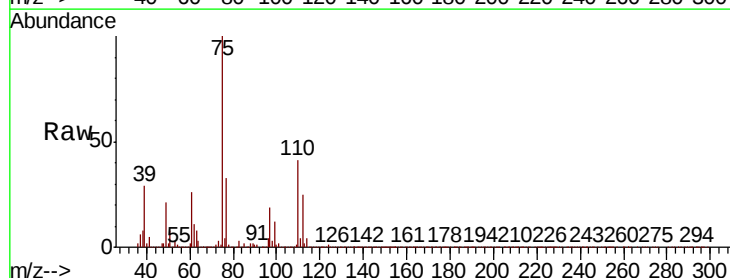
Acq: 17 Apr 2020 12:32

Tgt Ion: 75 Resp: 1000166

Ion Ratio Lower Upper

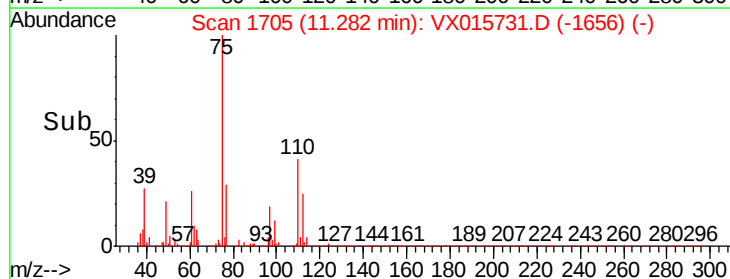
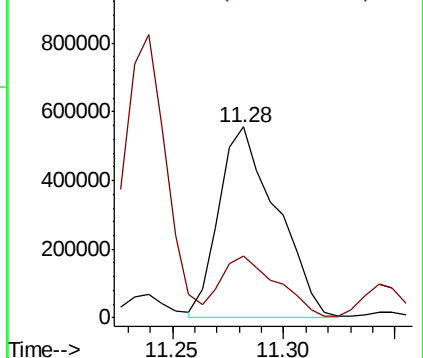
75 100

77 31.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX015731.D (-1656) (-)

Ion 77.00 (76.70 to 77.70): VX015731.D (-1656) (-)





#77

Bromobenzene

Concen: 55.183 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

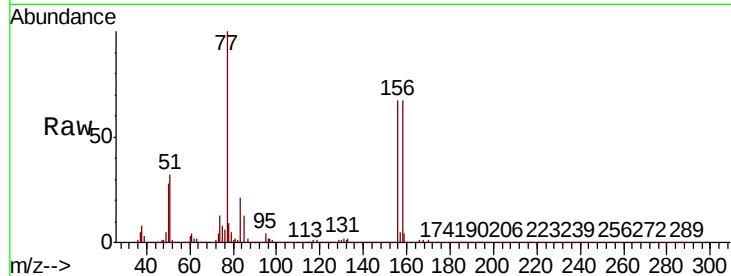
Tot Ion:156 Resp: 698109

Ion Ratio Lower Upper

156 100

77 155.8 82.2 246.5

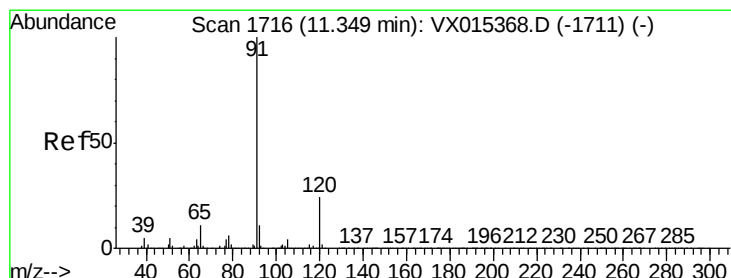
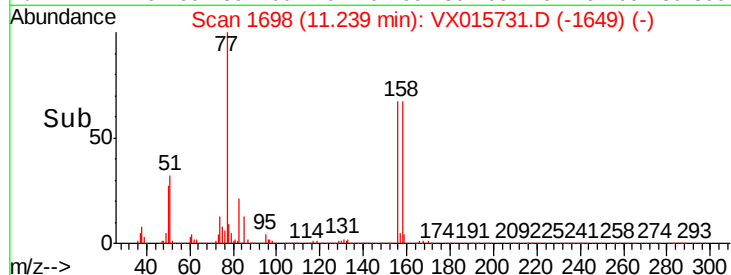
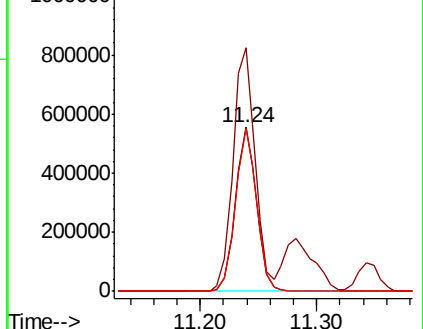
158 99.2 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.386 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015731.D

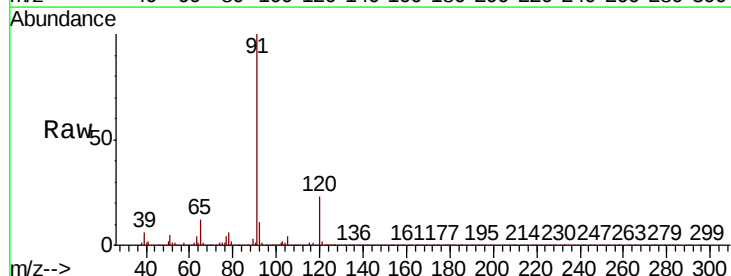
Acq: 17 Apr 2020 12:32

Tgt Ion: 91 Resp: 3057942

Ion Ratio Lower Upper

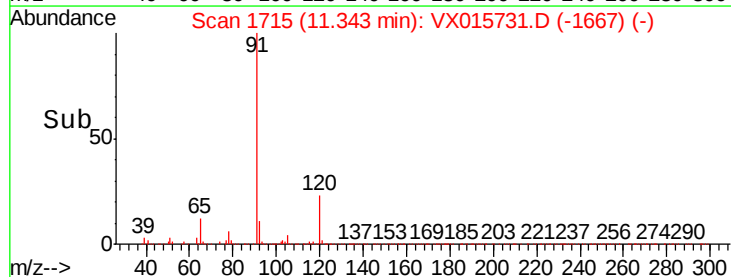
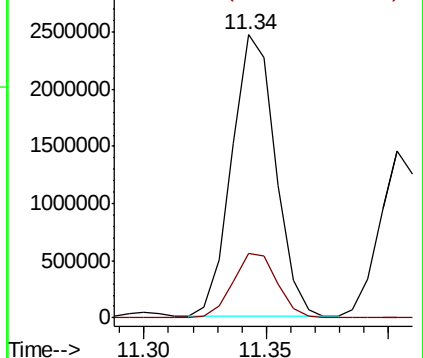
91 100

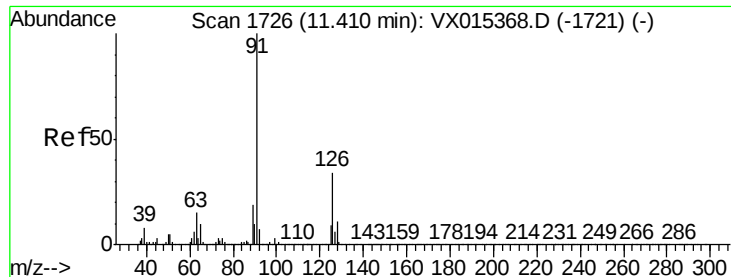
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.425 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

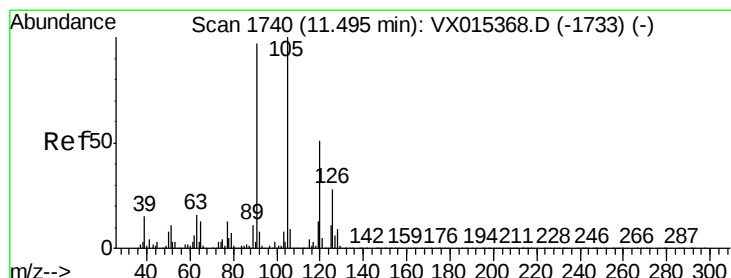
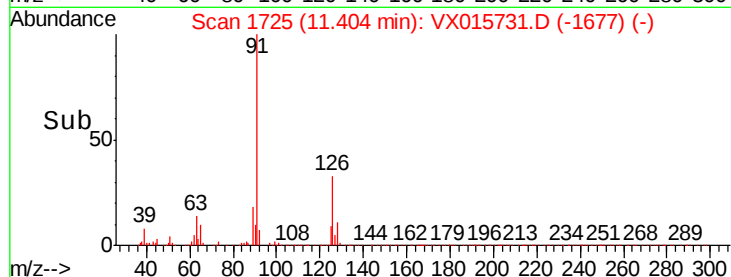
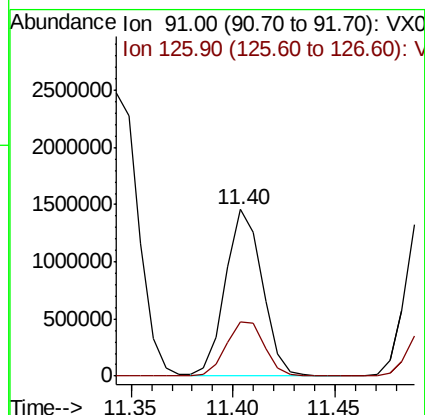
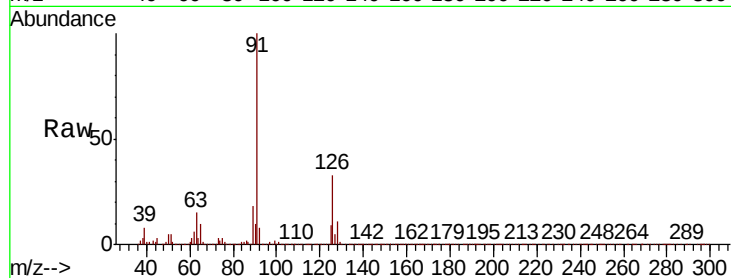
ClientSampleId :

Tot Ion: 91 Resp: 1809119

Ion Ratio Lower Upper

91 100

126 34.6 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 56.850 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015731.D

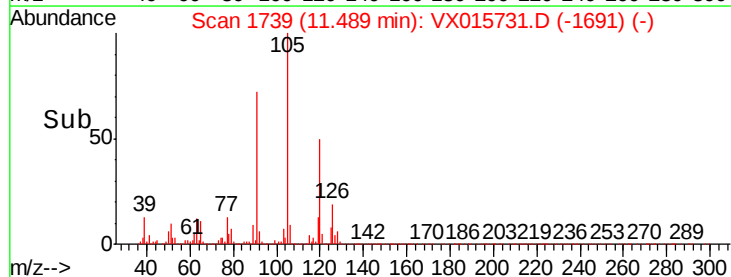
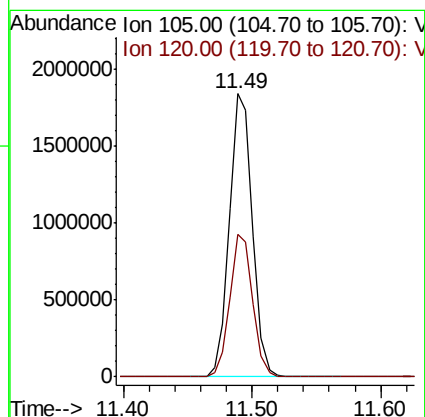
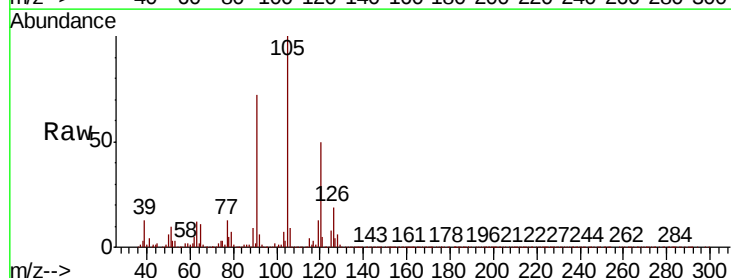
Acq: 17 Apr 2020 12:32

Tgt Ion: 105 Resp: 2302710

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.622 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

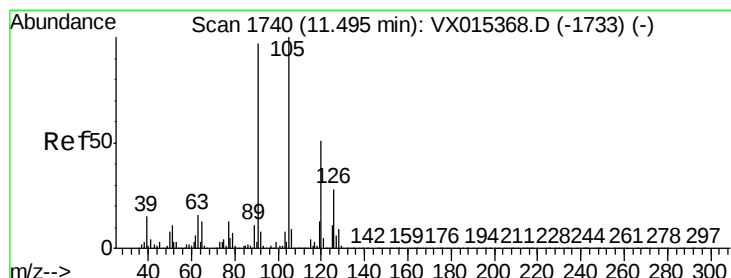
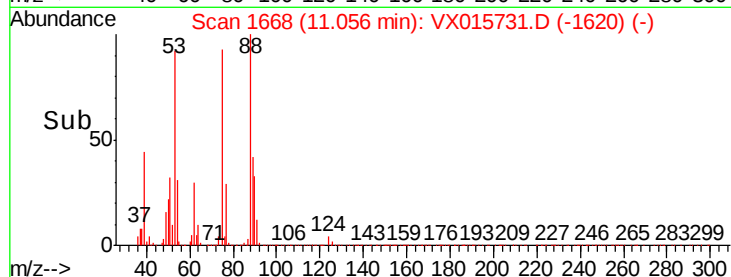
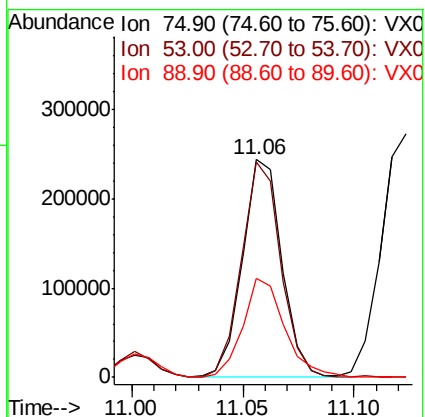
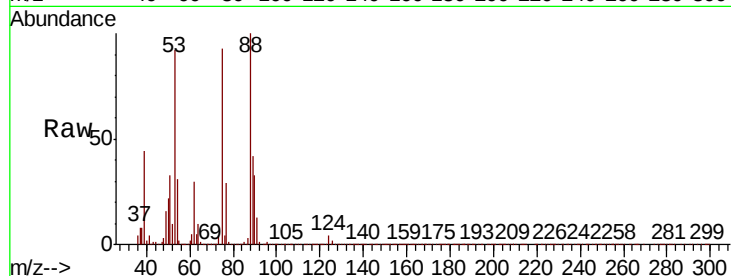
Tot Ion: 75 Resp: 301636

Ion Ratio Lower Upper

75 100

53 97.9 80.1 120.1

89 48.5 36.1 54.1



#82

4-Chlorotoluene

Concen: 55.243 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015731.D

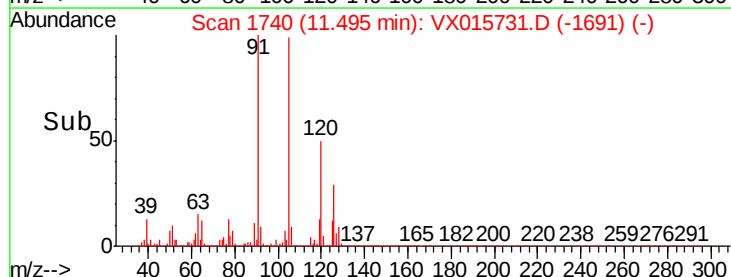
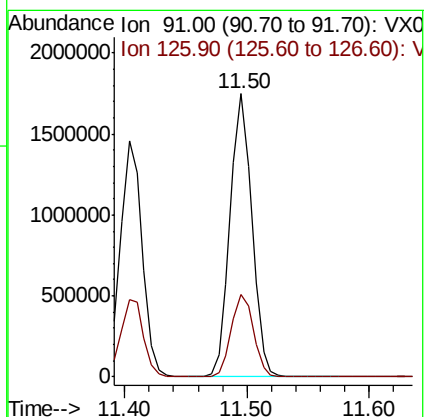
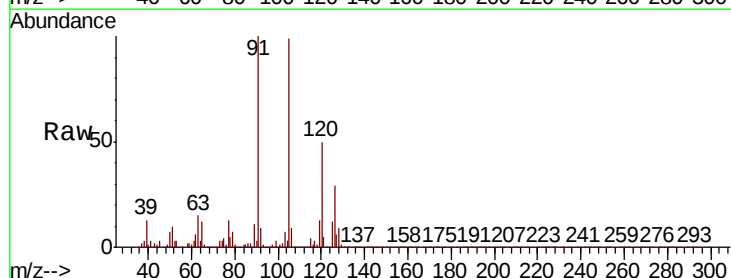
Acq: 17 Apr 2020 12:32

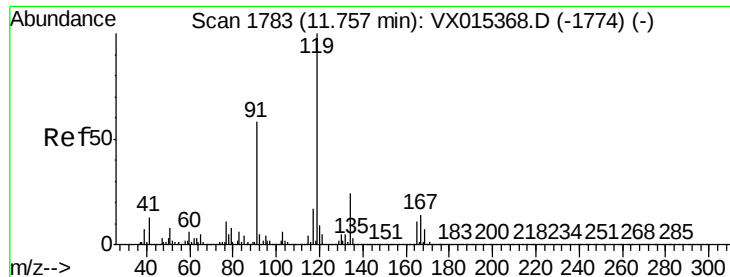
Tgt Ion: 91 Resp: 2152730

Ion Ratio Lower Upper

91 100

126 29.6 14.7 44.1





#83

tert-Butylbenzene

Concen: 58.931 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

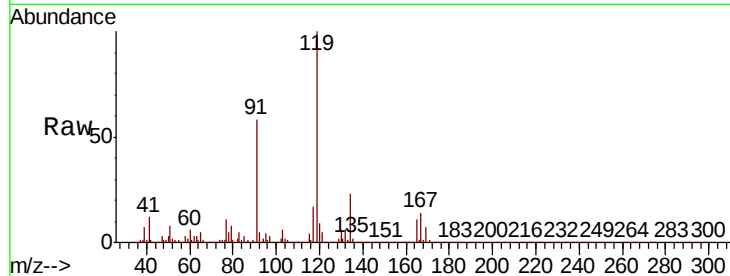
Tot Ion:119 Resp: 2331593

Ion Ratio Lower Upper

119 100

91 55.1 28.6 85.8

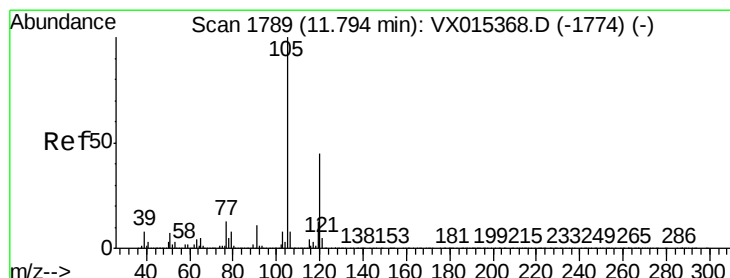
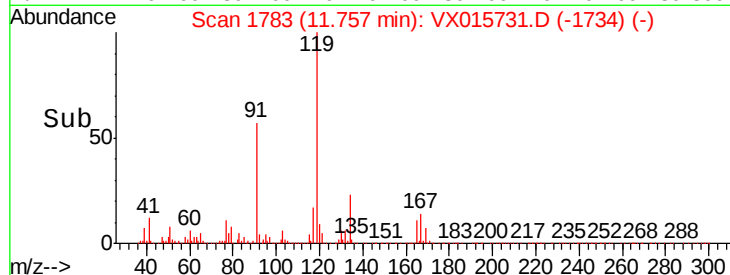
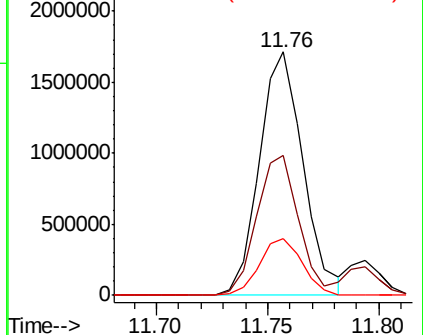
134 22.9 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.693 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015731.D

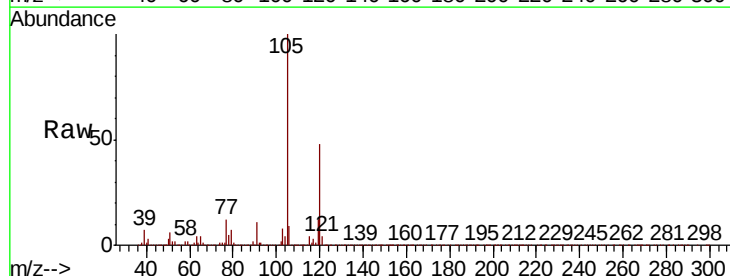
Acq: 17 Apr 2020 12:32

Tgt Ion:105 Resp: 2340102

Ion Ratio Lower Upper

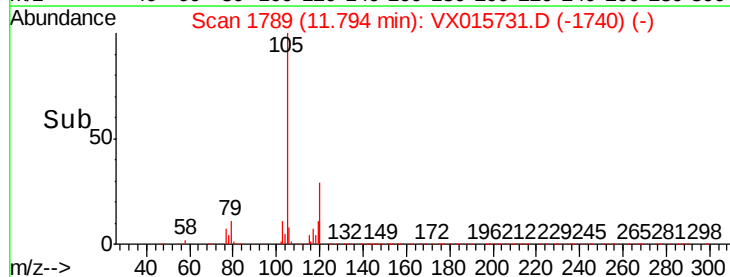
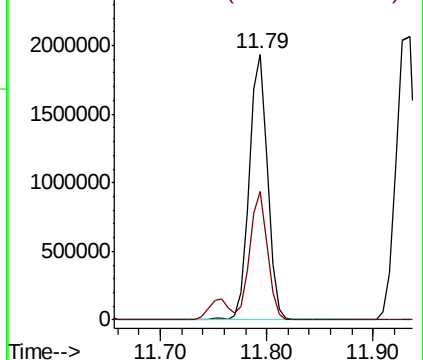
105 100

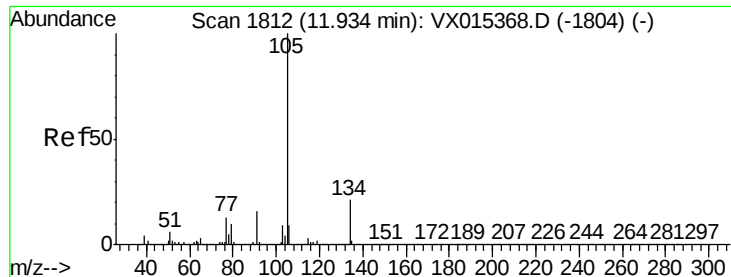
120 46.9 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 58.115 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

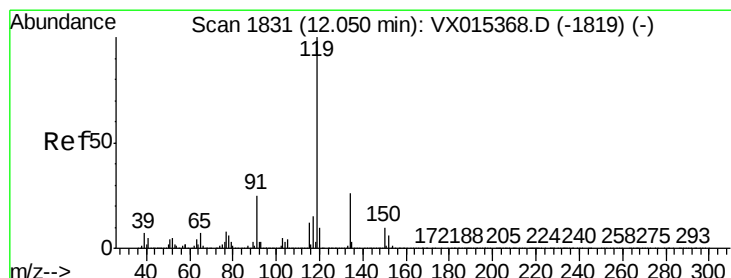
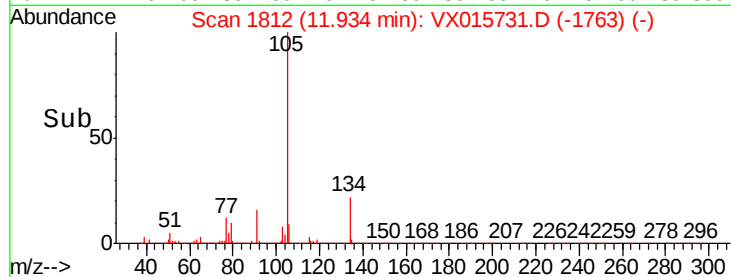
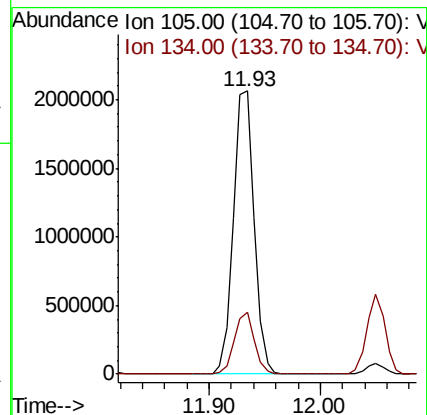
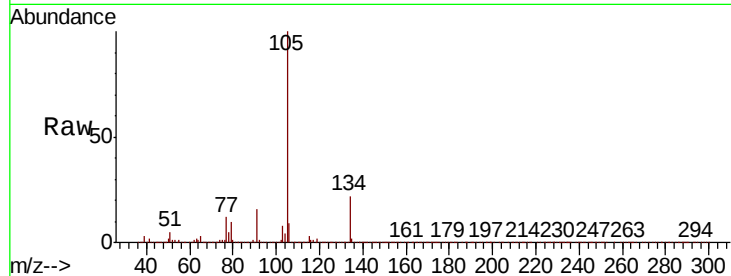
ClientSampleId :

Tot Ion:105 Resp: 2659218

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1



#86

p-Isopropyltoluene

Concen: 59.192 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

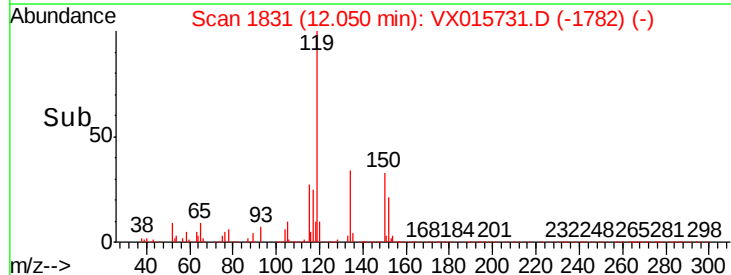
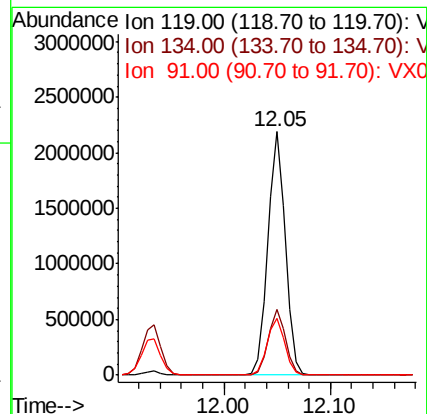
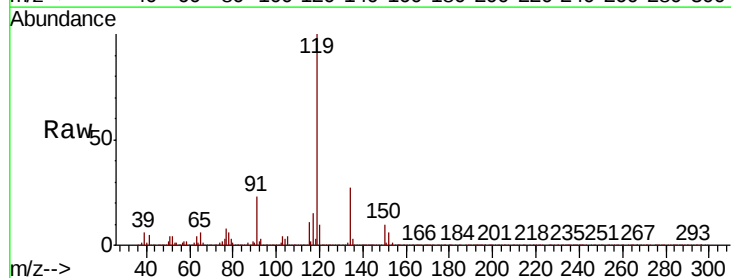
Tgt Ion:119 Resp: 2514444

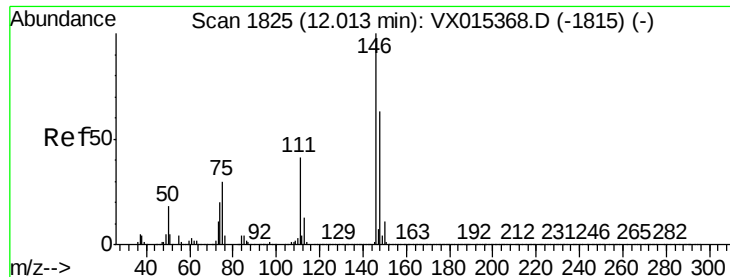
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.3 12.4 37.4

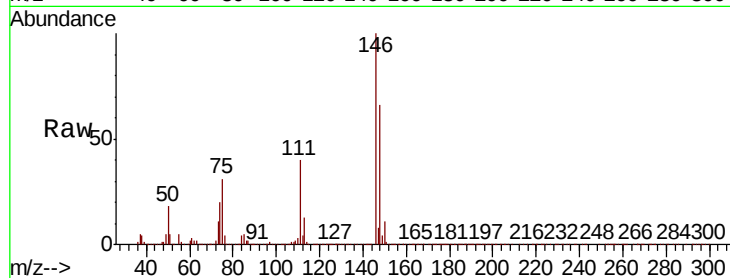




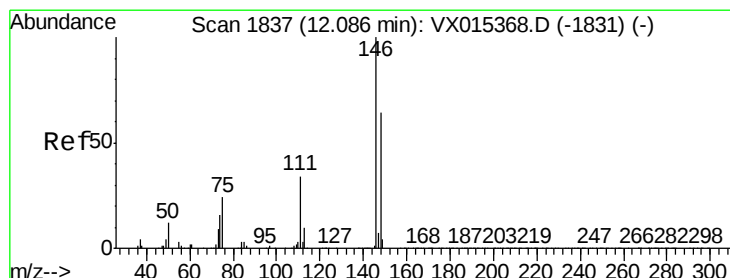
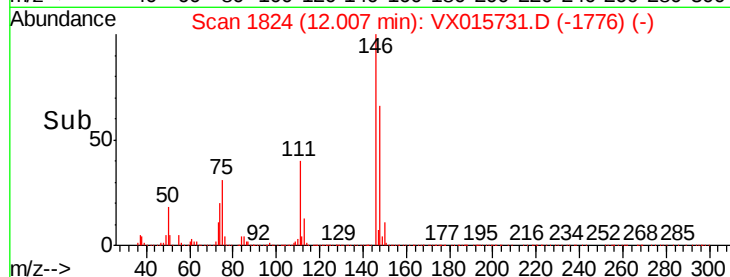
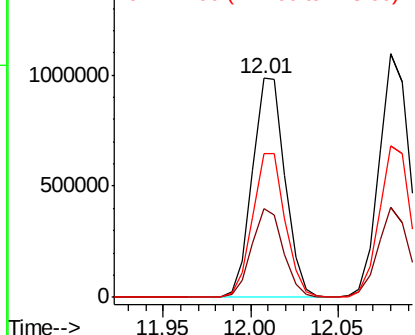
#87
 1,3-Dichlorobenzene
 Concen: 56.590 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 1281634
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.3 60.9
 148 65.6 31.3 93.9

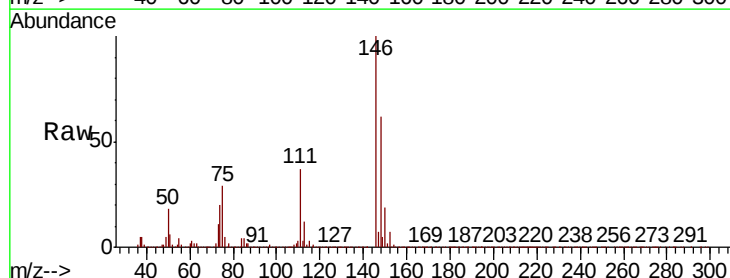


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

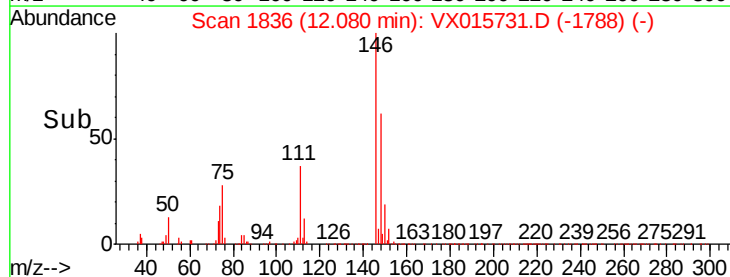
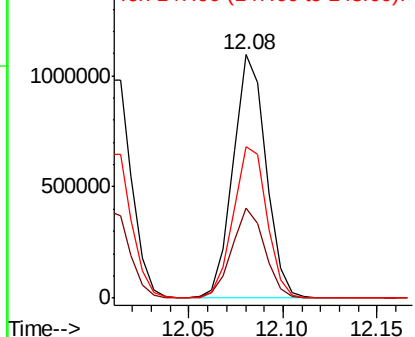


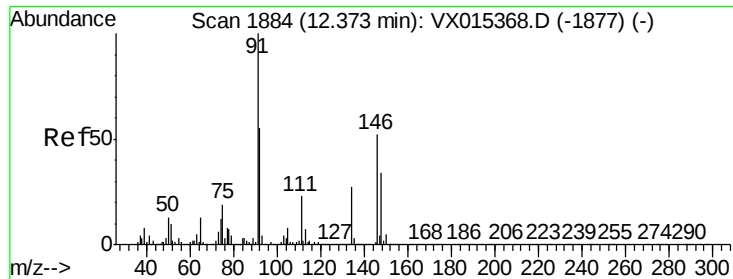
#88
 1,4-Dichlorobenzene
 Concen: 57.355 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion:146 Resp: 1323115
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.1 57.5
 148 64.0 32.4 97.2



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

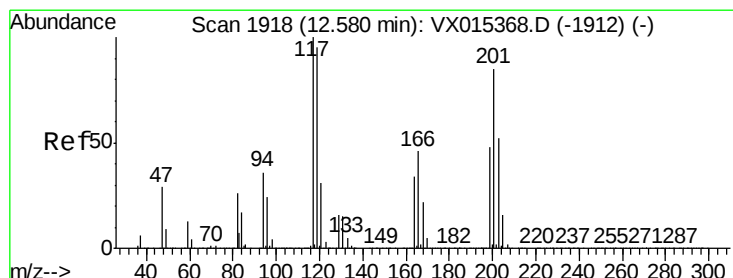
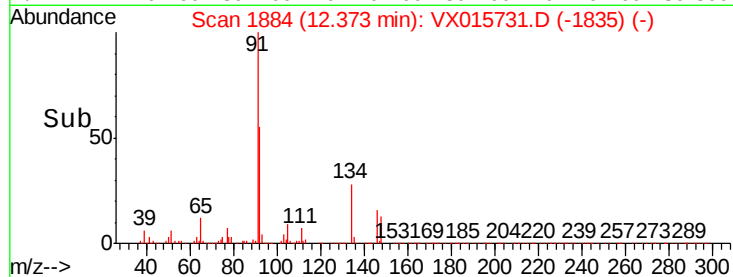
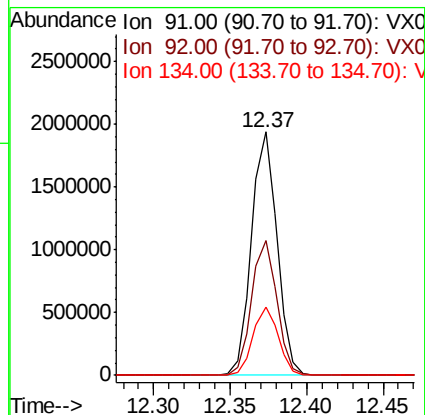
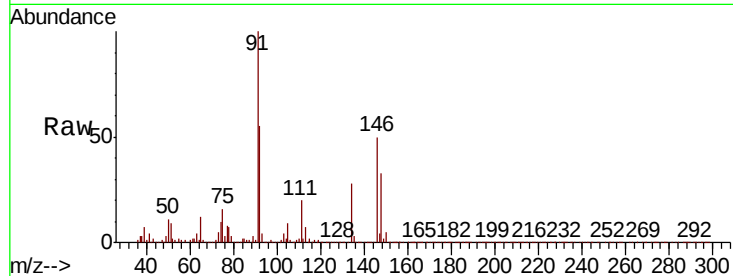




#89
n-Butylbenzene
Concen: 58.407 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

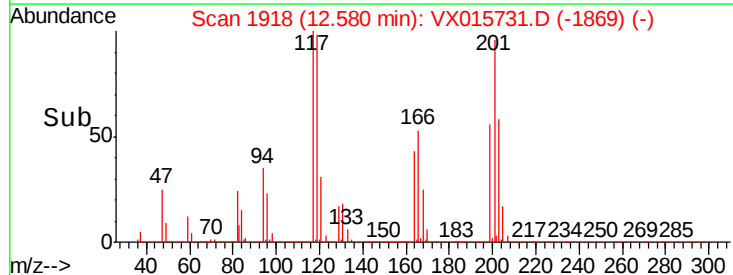
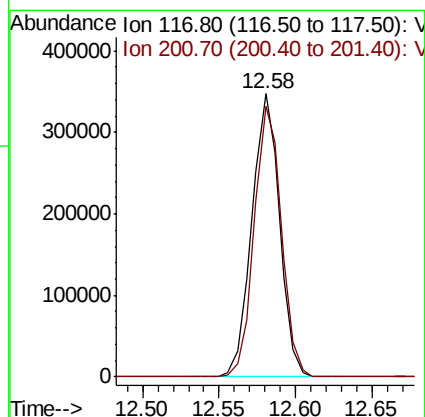
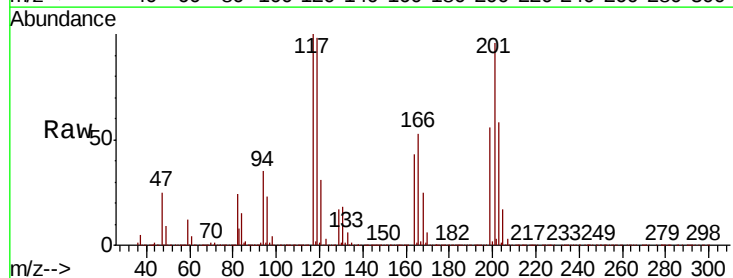
Instrument :
MSVOA_X
ClientSampleId :

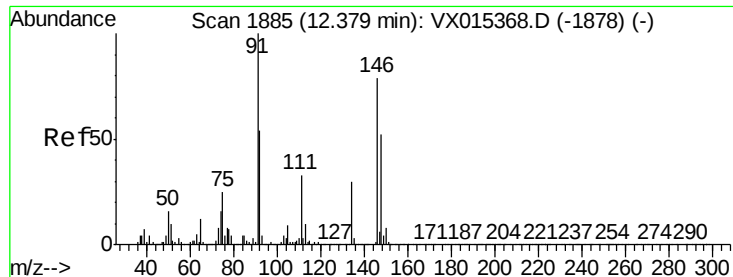
Tot Ion: 91 Resp: 2242096
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.5
134 28.1 13.4 40.2



#90
Hexachloroethane
Concen: 52.813 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 117 Resp: 436663
Ion Ratio Lower Upper
117 100
201 94.1 42.6 128.0

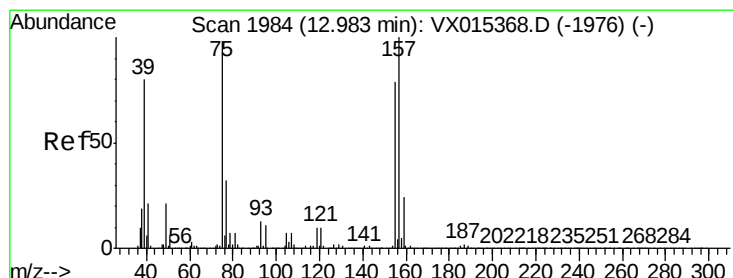
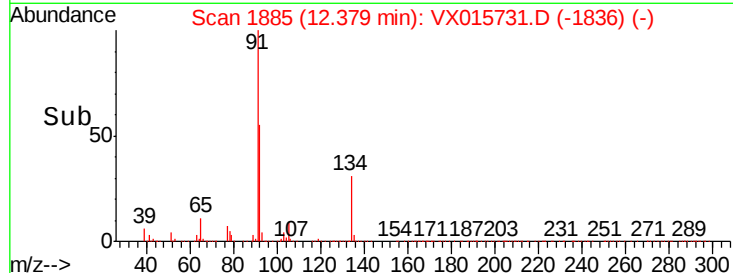
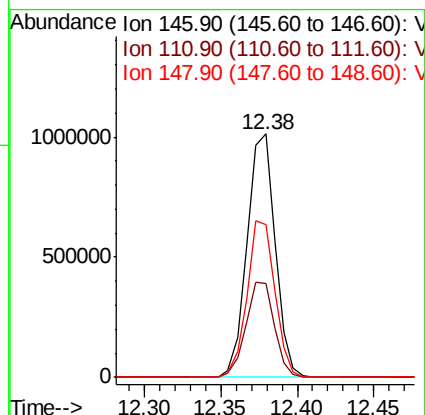
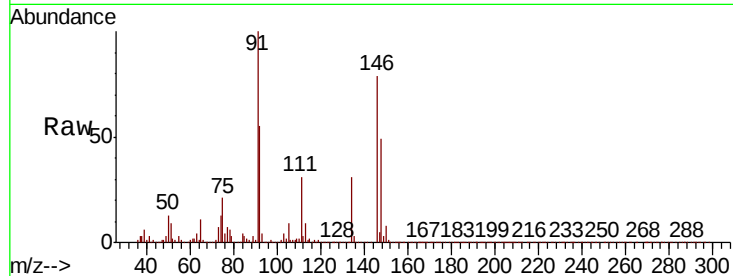




#91
 1,2-Dichlorobenzene
 Concen: 58.395 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

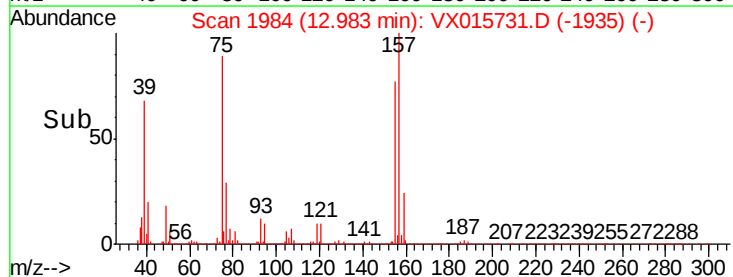
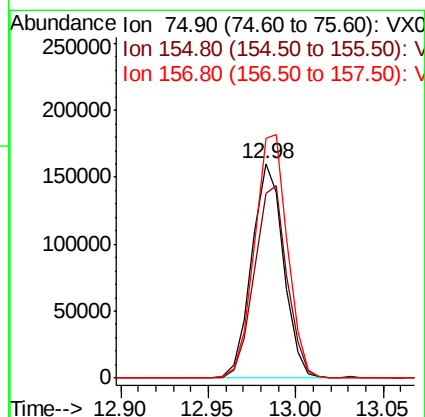
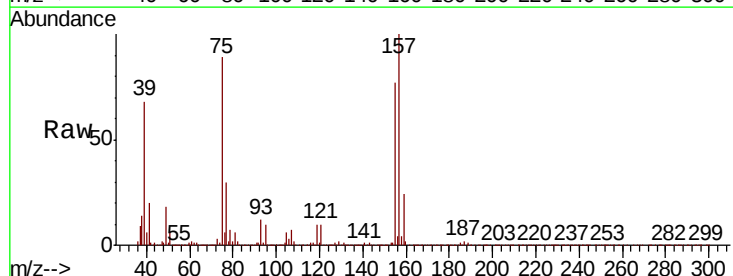
Instrument :
 MSVOA_X
 ClientSampleId :

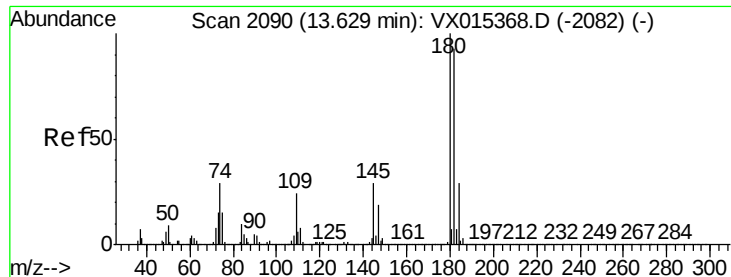
Tot Ion:146 Resp: 1294251
 Ion Ratio Lower Upper
 146 100
 111 39.5 21.0 63.0
 148 63.8 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.746 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion: 75 Resp: 200942
 Ion Ratio Lower Upper
 75 100
 155 92.8 42.8 128.4
 157 118.0 53.4 160.3

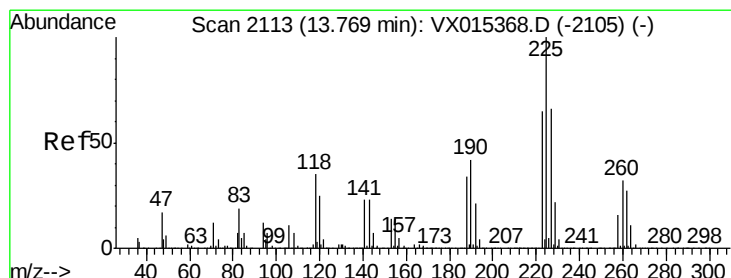
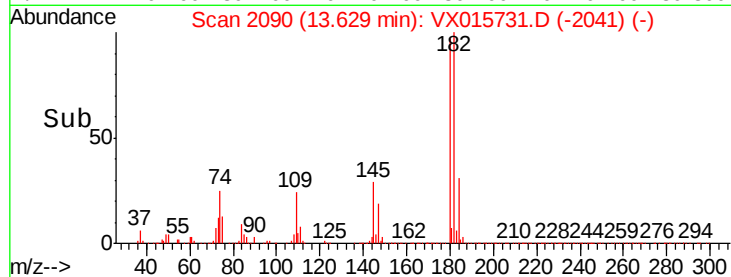
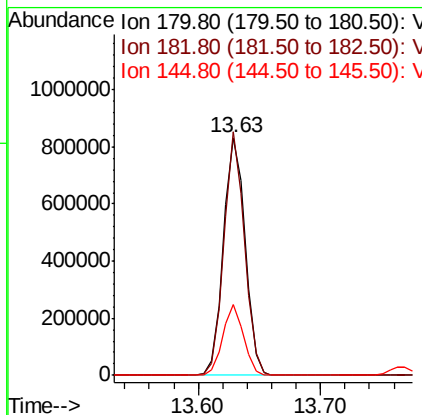
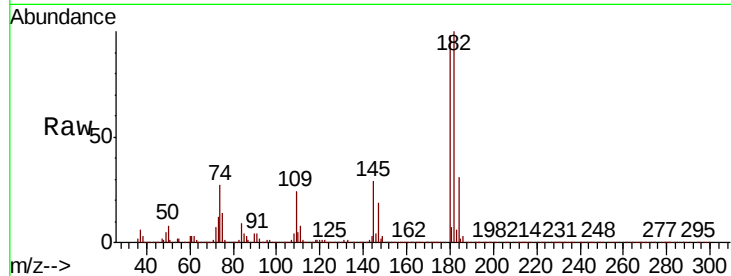




#93
 1,2,4-Trichlorobenzene
 Concen: 58.388 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

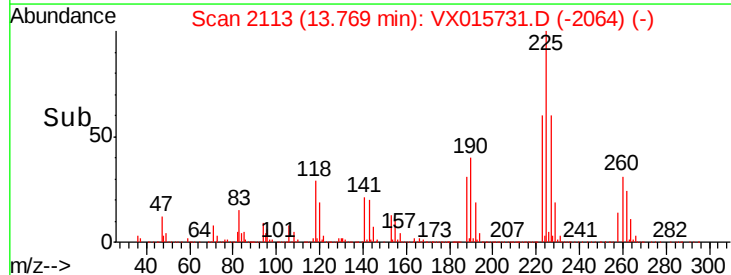
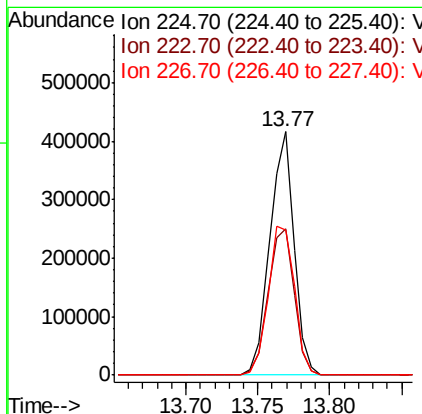
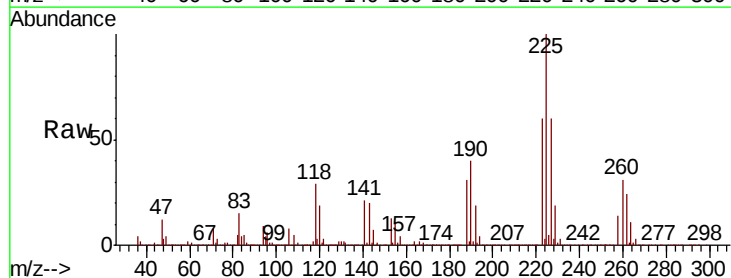
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1023616
 Ion Ratio Lower Upper
 180 100
 182 96.5 46.9 140.7
 145 28.4 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 57.935 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion:225 Resp: 483574
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.9 95.7
 227 66.6 30.4 91.3

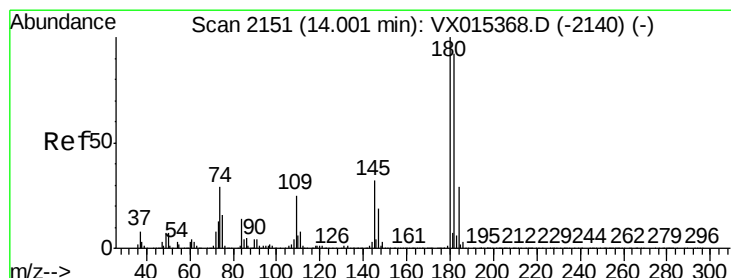
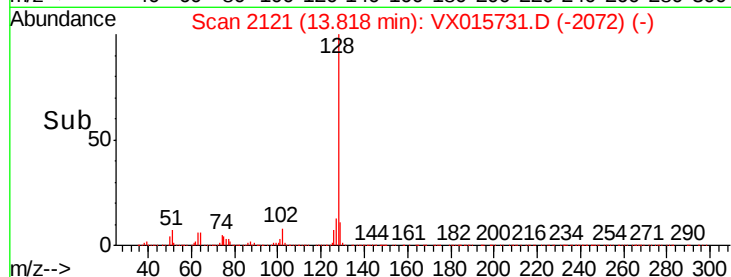
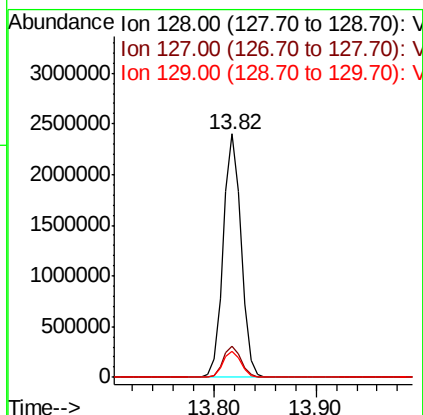
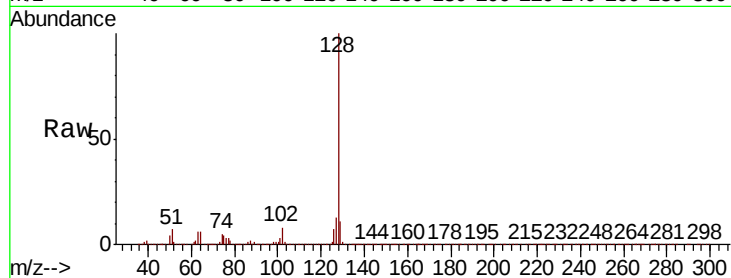




#95
Naphthalene
Concen: 54.820 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 2931586
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 60.640 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion:180 Resp: 1023550
Ion Ratio Lower Upper
180 100
182 92.0 46.7 140.0
145 30.4 15.8 47.3

