

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015735.D
 Acq On : 17 Apr 2020 14:08
 Operator : JC/SP
 Sample : VX0417MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:12:38 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	5.64	168	1012181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1506920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1360281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	738913	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	640922	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
35) Dibromofluoromethane	5.47	113	482051	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
50) Toluene-d8	8.70	98	1802805	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.12	95	726640	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	139346	15.626	ug/l	99
3) Chloromethane	1.31	50	179200	15.780	ug/l	99
4) Vinyl Chloride	1.39	62	180159	17.277	ug/l	97
5) Bromomethane	1.63	94	134689	23.779	ug/l	100
6) Chloroethane	1.71	64	110989	17.162	ug/l	98
7) Trichlorofluoromethane	1.92	101	246213	17.606	ug/l	97
8) Diethyl Ether	2.17	74	101842	17.266	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	167230	18.344	ug/l	97
10) Methyl Iodide	2.49	142	131448	10.694	ug/l	98
11) Tert butyl alcohol	3.01	59	248908	72.845	ug/l	97
12) 1,1-Dichloroethene	2.36	96	159310	16.671	ug/l	96
13) Acrolein	2.27	56	209716	107.742	ug/l	99
14) Allyl chloride	2.71	41	352501	15.787	ug/l	99
15) Acrylonitrile	3.12	53	559525	85.864	ug/l	99
16) Acetone	2.42	43	504871	82.318	ug/l	96
17) Carbon Disulfide	2.55	76	408697	14.020	ug/l	99
18) Methyl Acetate	2.75	43	277581	17.733	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	632225	17.058	ug/l	99
20) Methylene Chloride	2.84	84	191953	16.756	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	179866	16.960	ug/l	98
22) Diisopropyl ether	3.83	45	693586	17.530	ug/l	98
23) Vinyl Acetate	3.79	43	2992154	83.525	ug/l	99
24) 1,1-Dichloroethane	3.67	63	351149	16.856	ug/l	98
25) 2-Butanone	4.64	43	800044	81.112	ug/l	100
26) 2,2-Dichloropropane	4.55	77	303377	17.742	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	216958	17.682	ug/l	97
28) Bromochloromethane	4.98	49	177487	17.845	ug/l	95
29) Tetrahydrofuran	5.09	42	516144	81.399	ug/l	98
30) Chloroform	5.18	83	349987	17.462	ug/l	100
31) Cyclohexane	5.55	56	307969	17.041	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	313105	17.262	ug/l	99
36) 1,1-Dichloropropene	5.78	75	256082	18.444	ug/l	99
37) Ethyl Acetate	4.80	43	311565	17.234	ug/l	98
38) Carbon Tetrachloride	5.76	117	266228	17.703	ug/l	98

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:12:38 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	299777	18.726	ug/l	97
40) Benzene	6.12	78	758281	18.644	ug/l	95
41) Methacrylonitrile	5.01	41	181248	18.060	ug/l	98
42) 1,2-Dichloroethane	6.16	62	301579	18.460	ug/l	98
43) Isopropyl Acetate	6.42	43	530275	17.375	ug/l	99
44) Trichloroethene	7.19	130	211782	19.093	ug/l	100
45) 1,2-Dichloropropane	7.50	63	206080	18.522	ug/l	99
46) Dibromomethane	7.64	93	132878	18.206	ug/l	94
47) Bromodichloromethane	7.88	83	278126	17.884	ug/l	98
48) Methyl methacrylate	7.75	41	261565	17.159	ug/l	97
49) 1,4-Dioxane	7.72	88	98210	345.357	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1587882	91.808	ug/l	99
52) Toluene	8.77	92	484917	19.339	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	308075	16.891	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	332163	17.878	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	200590	19.525	ug/l	97
56) Ethyl methacrylate	9.16	69	322556	17.815	ug/l	96
57) 1,3-Dichloropropane	9.36	76	343405	18.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	806062	91.529	ug/l	100
59) 2-Hexanone	9.48	43	1187357	90.931	ug/l	99
60) Dibromochloromethane	9.57	129	221982	17.982	ug/l	98
61) 1,2-Dibromoethane	9.65	107	206611	18.496	ug/l	99
64) Tetrachloroethene	9.32	164	206203	20.087	ug/l	95
65) Chlorobenzene	10.12	112	530997	19.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	201521	18.594	ug/l	99
67) Ethyl Benzene	10.24	91	916685	19.052	ug/l	97
68) m/p-Xylenes	10.34	106	700756	39.113	ug/l	99
69) o-Xylene	10.68	106	349711	19.753	ug/l	96
70) Styrene	10.70	104	607915	19.514	ug/l	97
71) Bromoform	10.84	173	170876	17.320	ug/l #	100
73) Isopropylbenzene	11.00	105	925572	19.117	ug/l	99
74) N-amyl acetate	10.88	43	439747	16.331	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	300657	18.098	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	339460	22.340	ug/l	84
77) Bromobenzene	11.24	156	238809	18.492	ug/l	97
78) n-propylbenzene	11.34	91	1051070	18.986	ug/l	100
79) 2-Chlorotoluene	11.40	91	630413	18.579	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	796429	19.262	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	94528	14.927	ug/l	99
82) 4-Chlorotoluene	11.50	91	735660	18.494	ug/l	99
83) tert-Butylbenzene	11.76	119	758118	18.771	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	791433	18.783	ug/l	100
85) sec-Butylbenzene	11.93	105	899644	19.260	ug/l	100
86) p-Isopropyltoluene	12.05	119	828066	19.096	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	443441	19.181	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	442911	18.808	ug/l	99
89) n-Butylbenzene	12.37	91	741934	18.933	ug/l	99
90) Hexachloroethane	12.58	117	138891	16.456	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	439686	19.434	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67466	14.388	ug/l	92

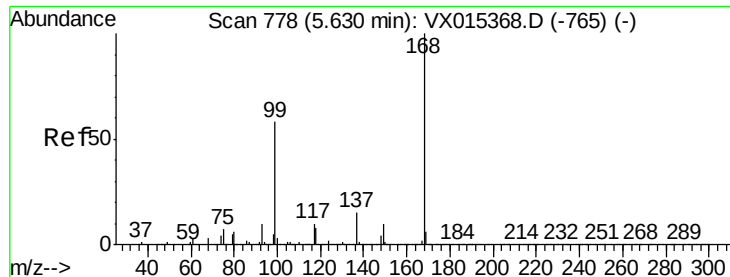
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
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Instrument :
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ClientSampleId :

Quant Time: Apr 20 01:12:38 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	342297	19.127	ug/l	98
94) Hexachlorobutadiene	13.77	225	164647	19.324	ug/l	98
95) Naphthalene	13.82	128	1021502	18.712	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	346664	20.119	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

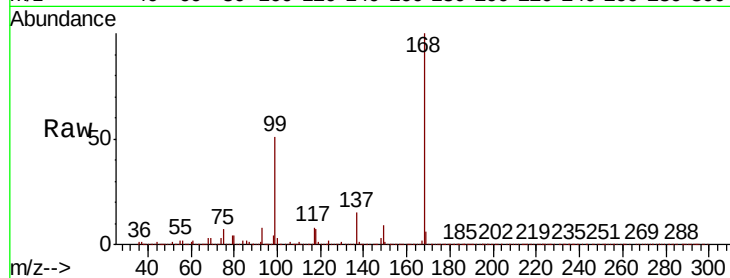
ClientSampled :

Tot Ion:168 Resp: 1012181

Ion Ratio Lower Upper

168 100

99 51.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

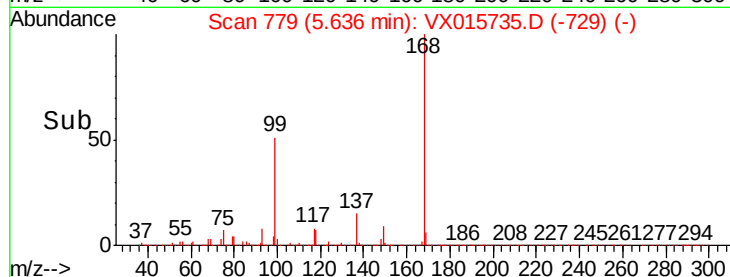
300000

200000

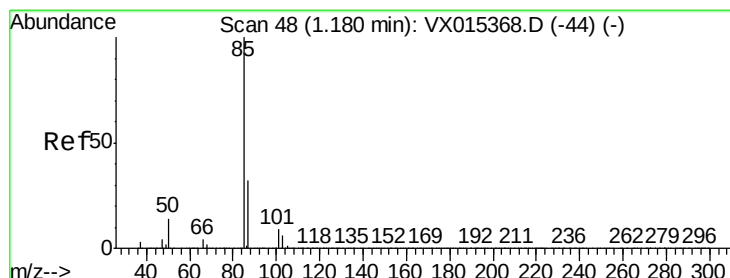
100000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 15.626 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015735.D

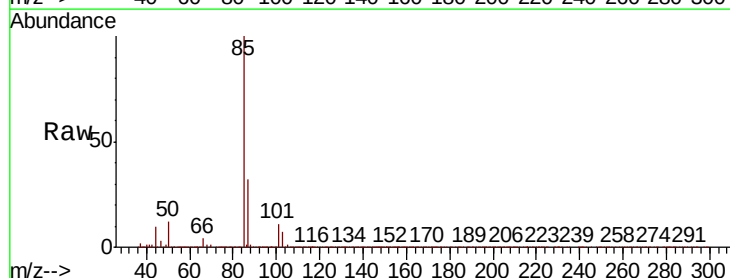
Acq: 17 Apr 2020 14:08

Tgt Ion: 85 Resp: 139346

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

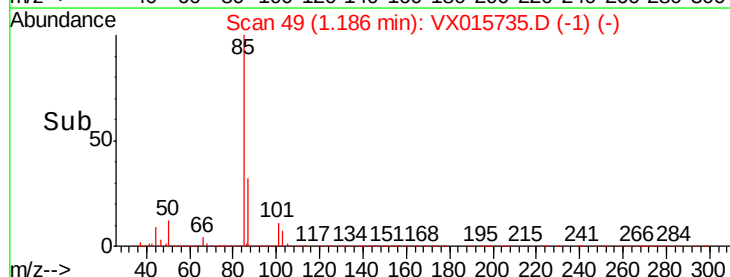
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100000

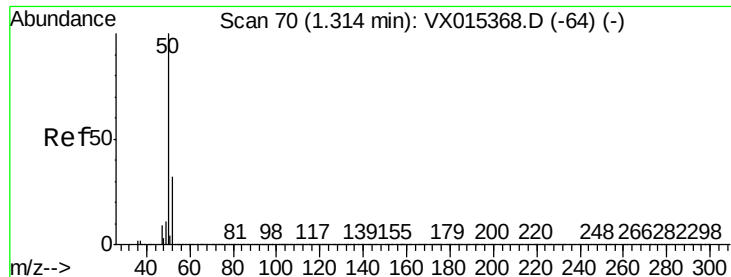
50000

0

1.10 1.15 1.20 1.25



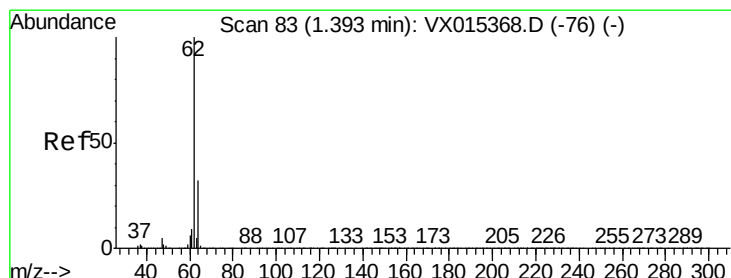
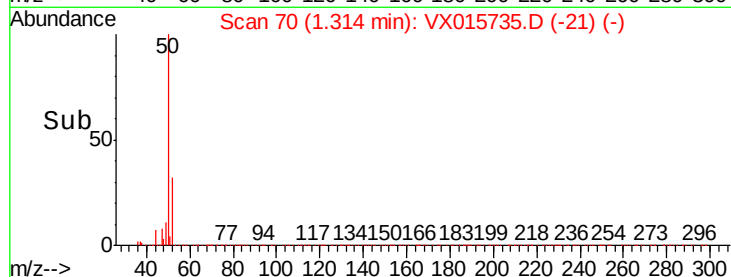
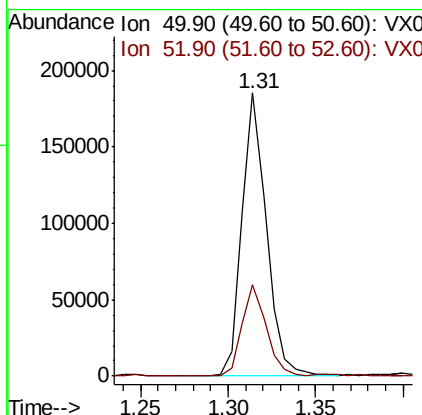
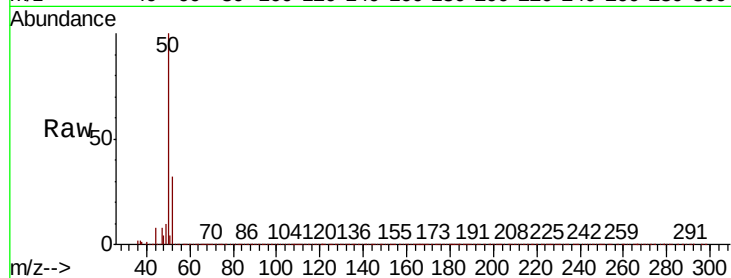
Time-->



#3
Chloromethane
Concen: 15.780 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

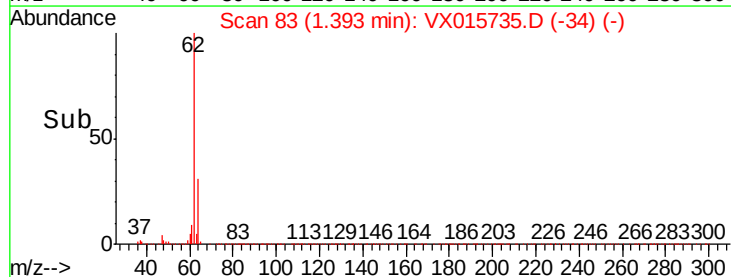
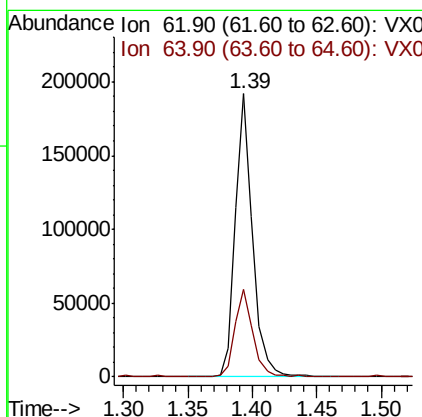
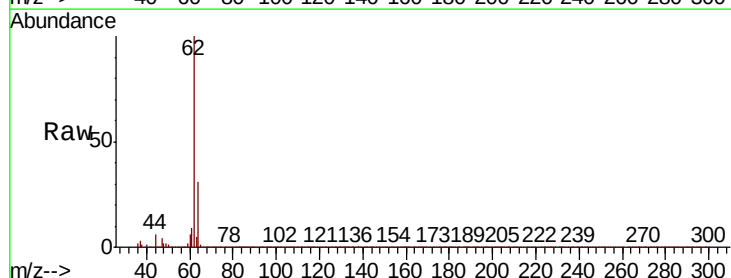
Instrument :
MSVOA_X
ClientSampleId :

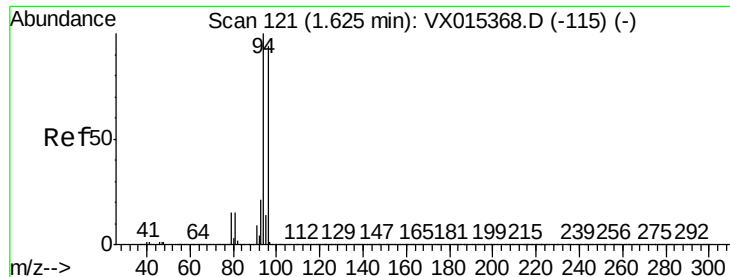
Tot Ion: 50 Resp: 179200
Ion Ratio Lower Upper
50 100
52 32.3 25.3 37.9



#4
Vinyl Chloride
Concen: 17.277 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion: 62 Resp: 180159
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0





#5

Bromomethane

Concen: 23.779 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

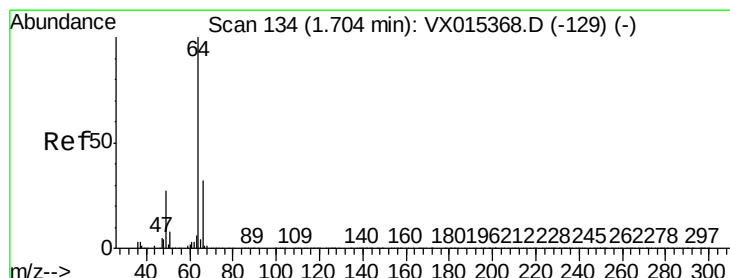
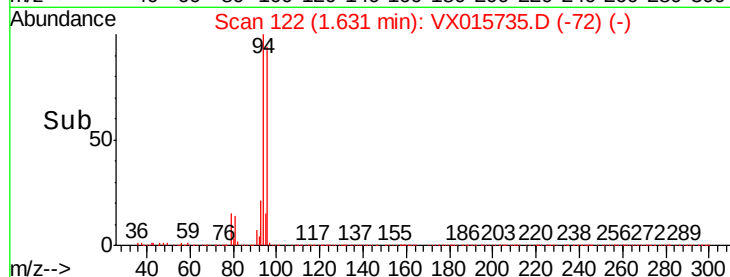
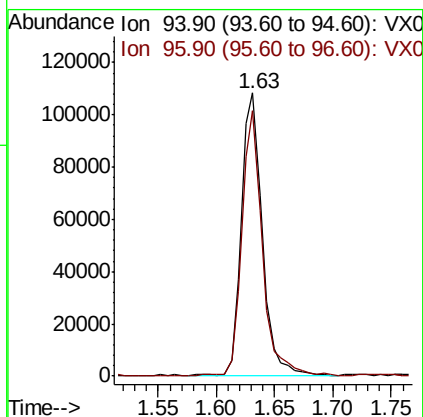
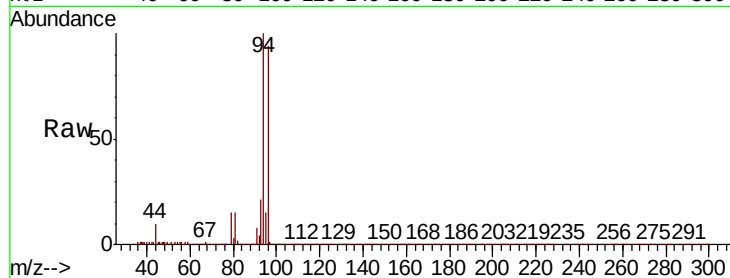
ClientSampleId :

Tot Ion: 94 Resp: 134689

Ion Ratio Lower Upper

94 100

96 93.9 74.8 112.2



#6

Chloroethane

Concen: 17.162 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015735.D

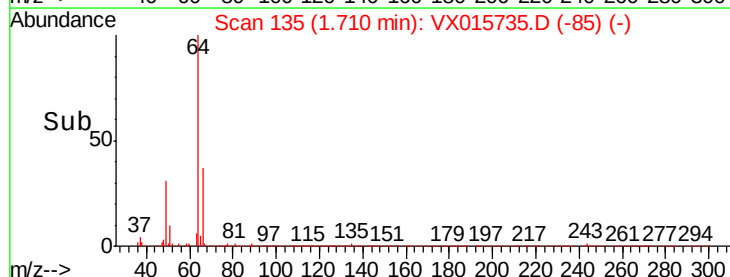
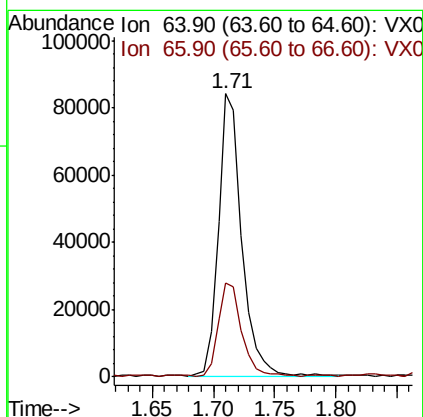
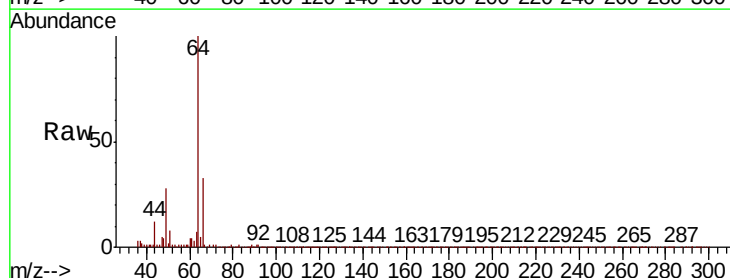
Acq: 17 Apr 2020 14:08

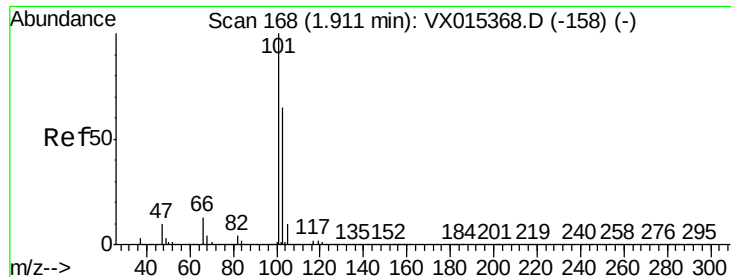
Tgt Ion: 64 Resp: 110989

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.2



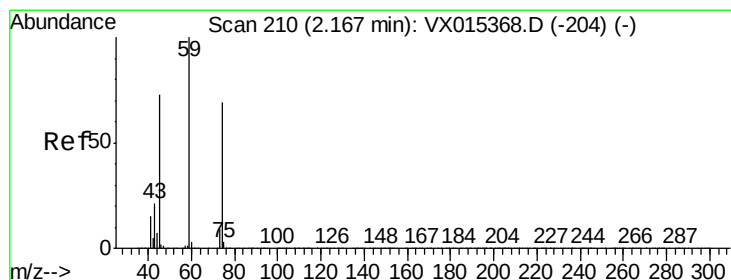
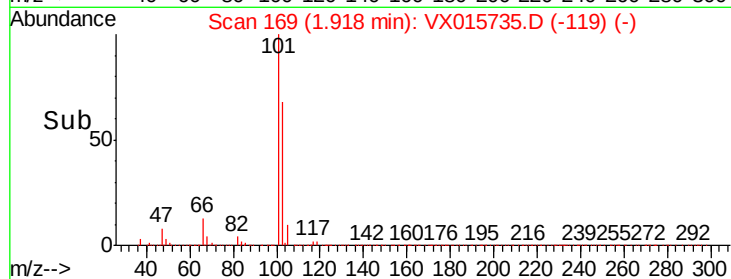
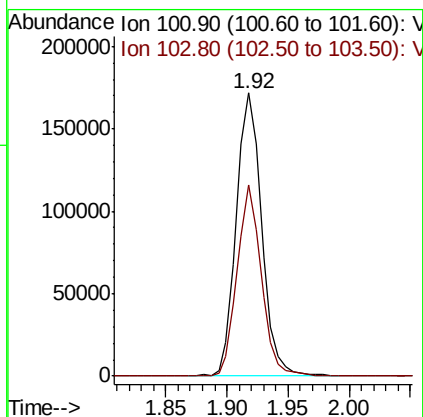
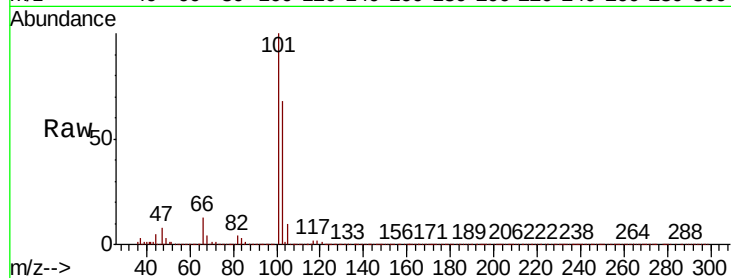


#7

Trichlorofluoromethane
Concen: 17.606 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :

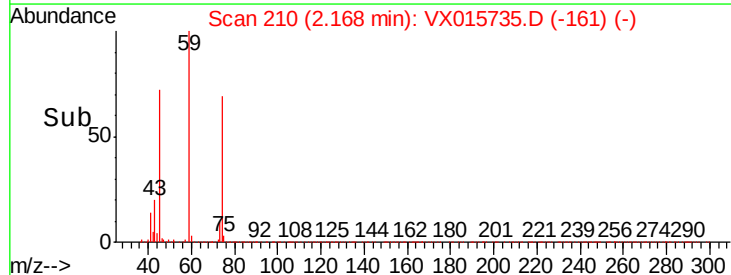
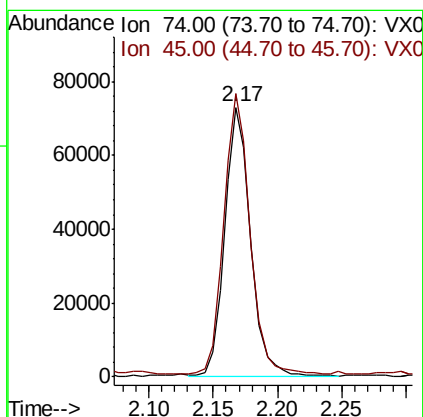
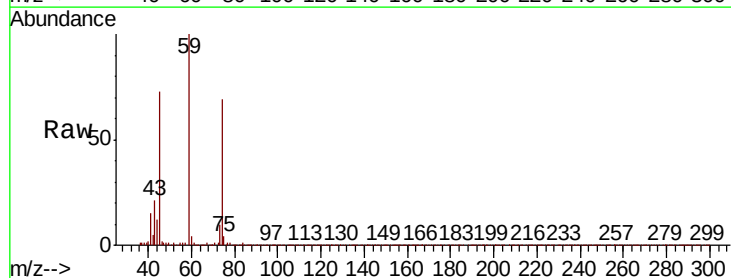
Tot Ion:101 Resp: 246213
Ion Ratio Lower Upper
101 100
103 67.6 52.3 78.5

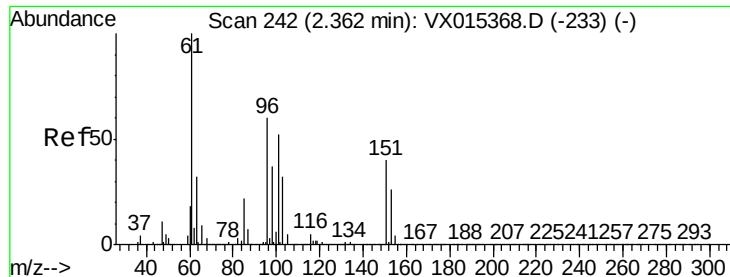


#8

Diethyl Ether
Concen: 17.266 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion: 74 Resp: 101842
Ion Ratio Lower Upper
74 100
45 106.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.344 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampled :

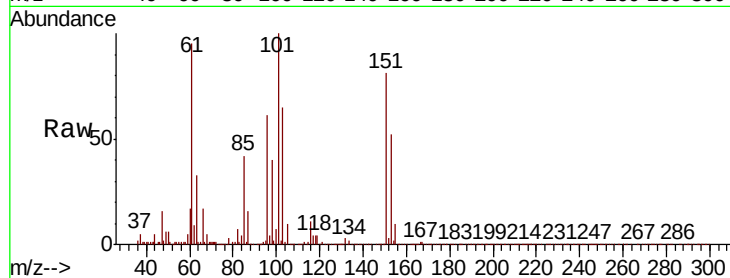
Tot Ion:101 Resp: 167230

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.4

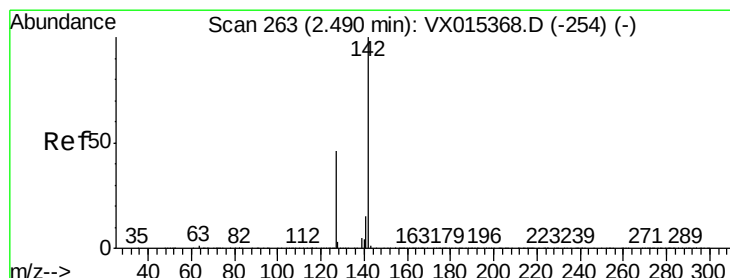
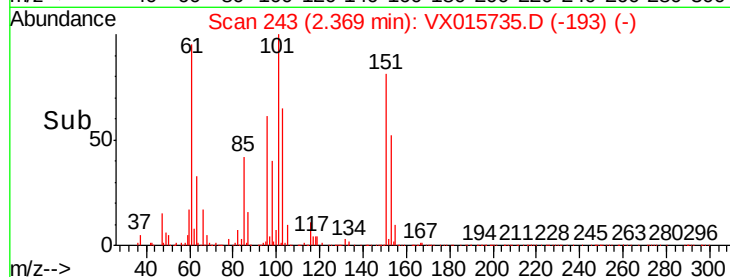
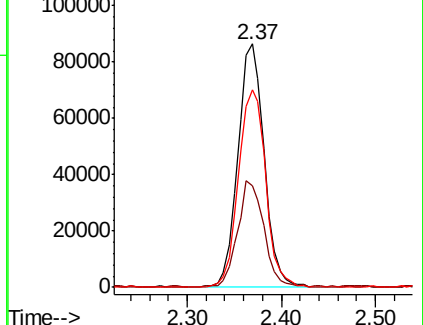
151 84.0 64.1 96.1



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: 10.694 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

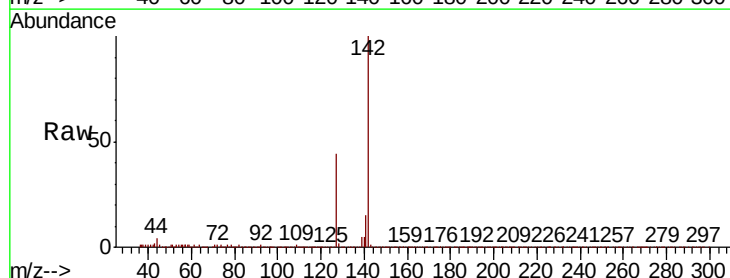
Tgt Ion:142 Resp: 131448

Ion Ratio Lower Upper

142 100

127 43.5 35.9 53.9

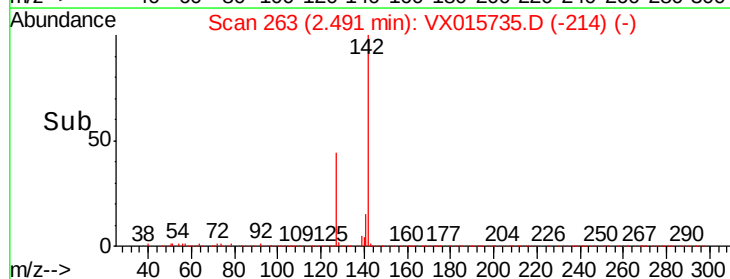
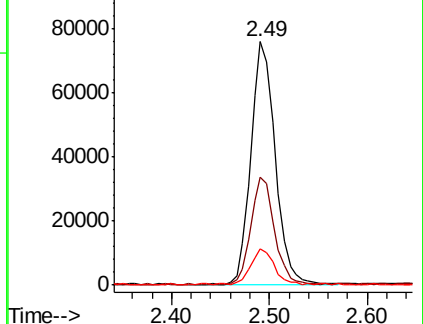
141 14.2 11.6 17.4

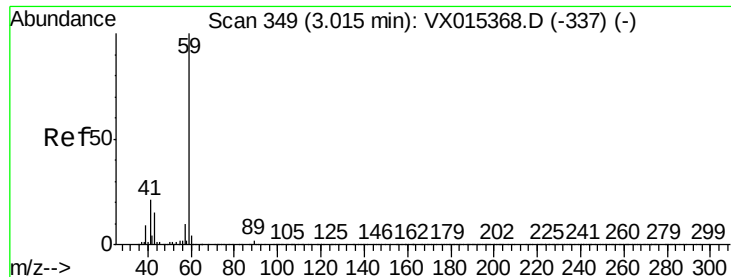


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

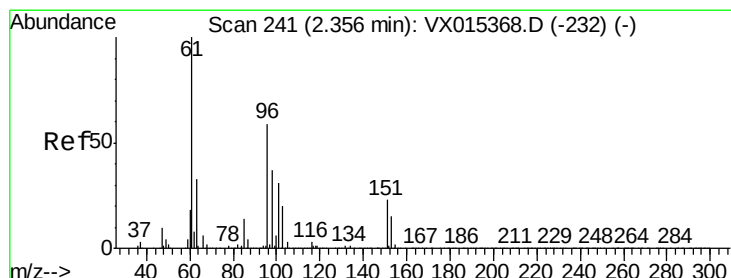
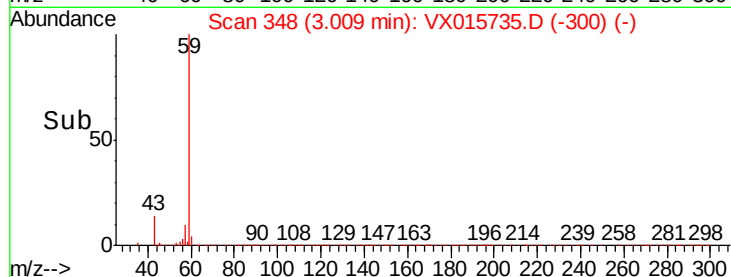
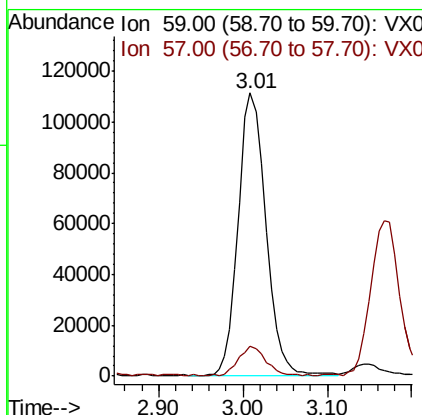
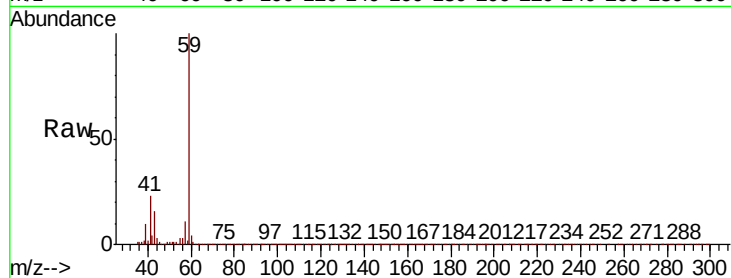




#11
Tert butyl alcohol
Concen: 72.845 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

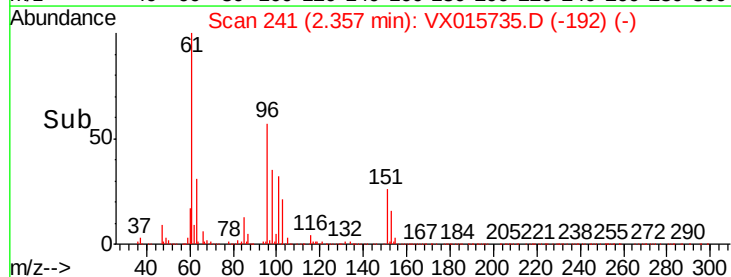
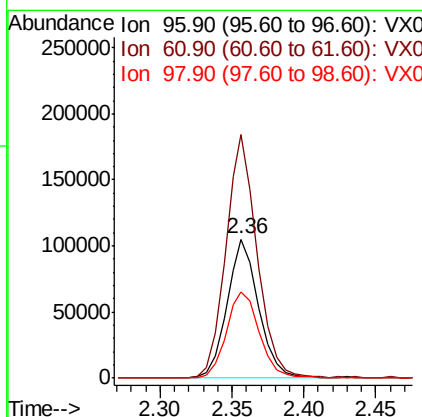
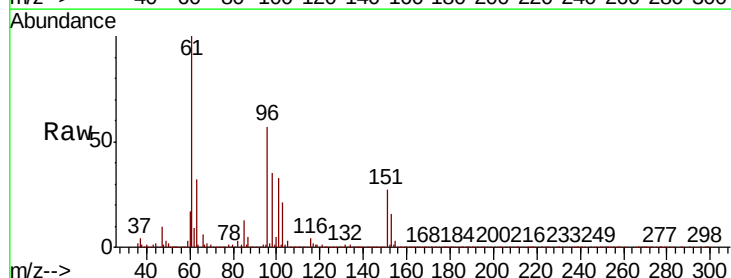
Instrument :
MSVOA_X
ClientSampleId :

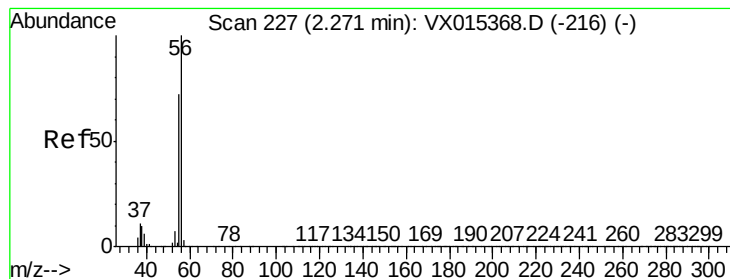
Tot Ion: 59 Resp: 248908
Ion Ratio Lower Upper
59 100
57 11.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 16.671 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion: 96 Resp: 159310
Ion Ratio Lower Upper
96 100
61 175.5 135.7 203.5
98 62.0 50.6 75.8





#13

Acrolein

Concen: 107.742 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

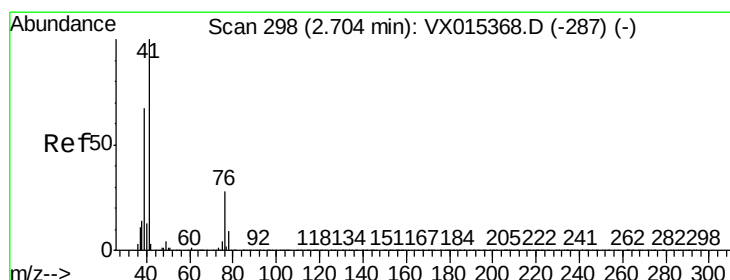
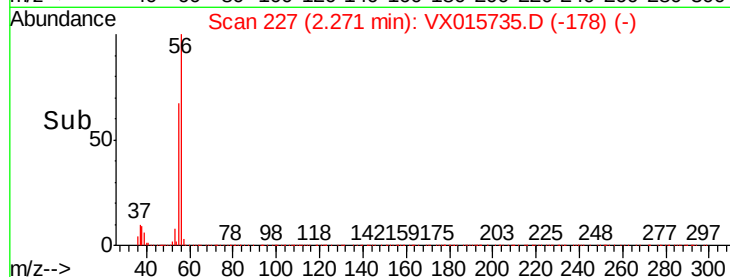
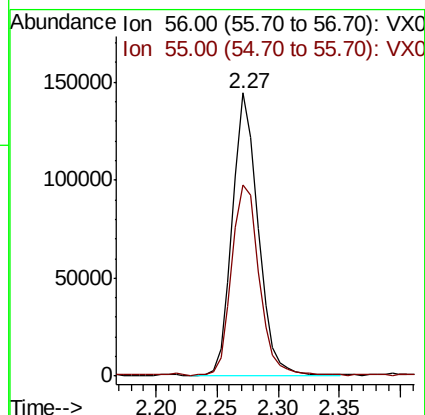
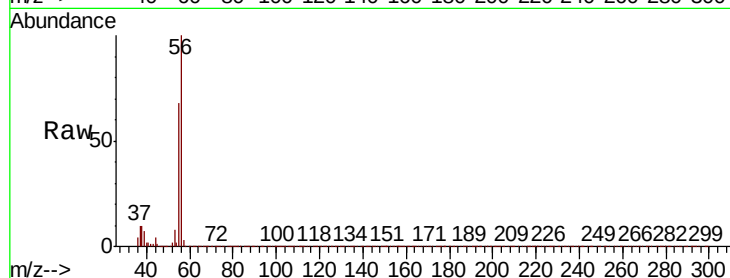
ClientSampleId :

Tot Ion: 56 Resp: 209716

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 15.787 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

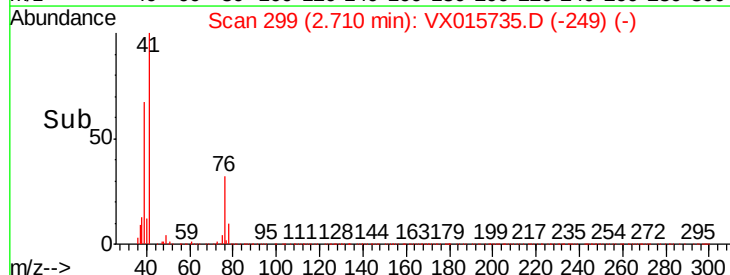
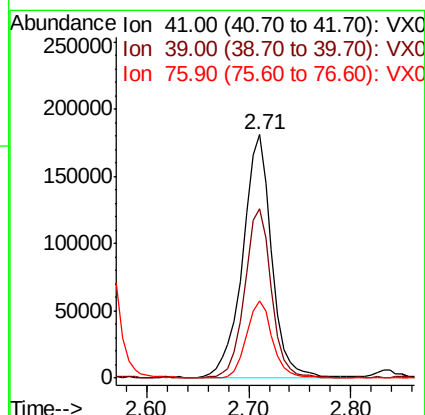
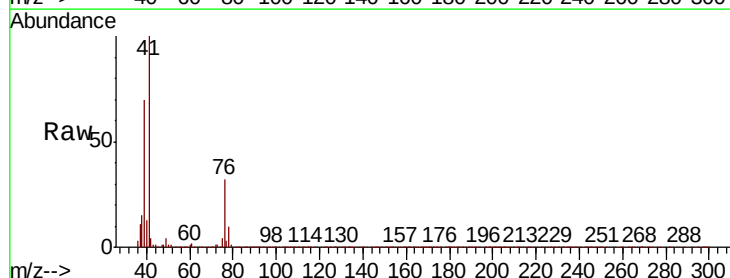
Tgt Ion: 41 Resp: 352501

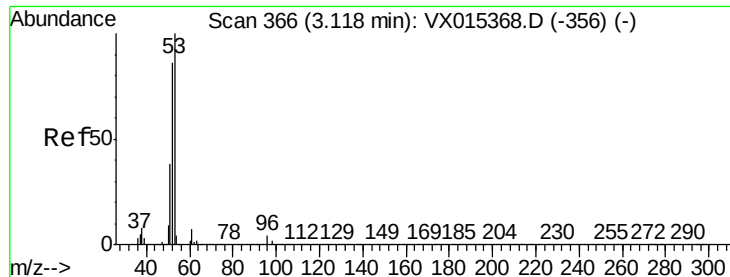
Ion Ratio Lower Upper

41 100

39 64.4 51.4 77.0

76 28.5 21.8 32.8





#15

Acrylonitrile

Concen: 85.864 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

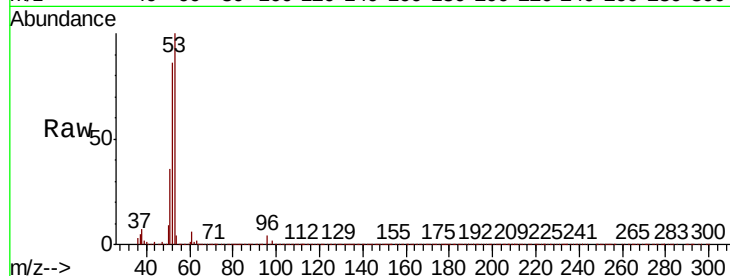
Tot Ion: 53 Resp: 559525

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

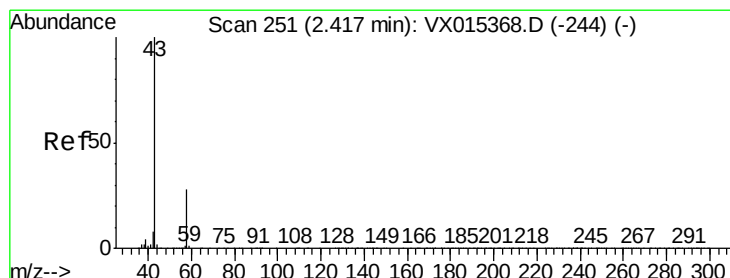
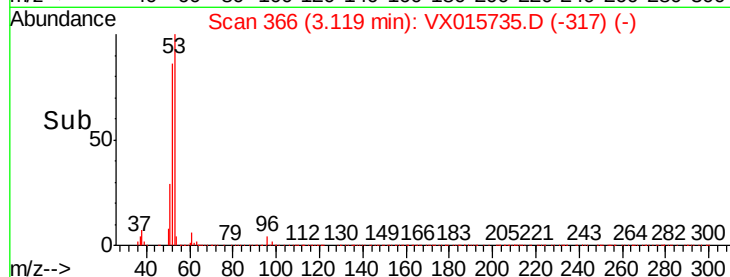
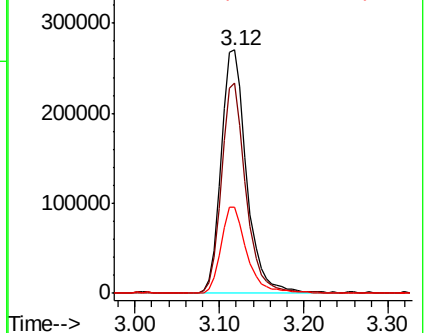
51 35.8 29.5 44.3



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: 82.318 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015735.D

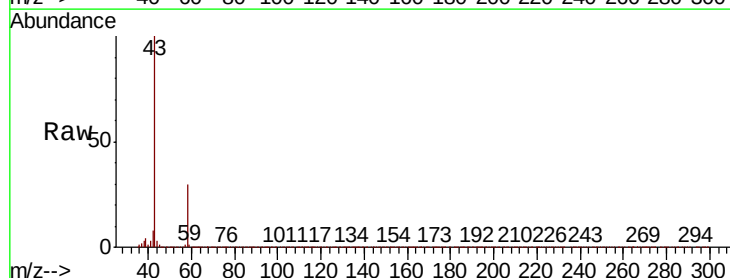
Acq: 17 Apr 2020 14:08

Tgt Ion: 43 Resp: 504871

Ion Ratio Lower Upper

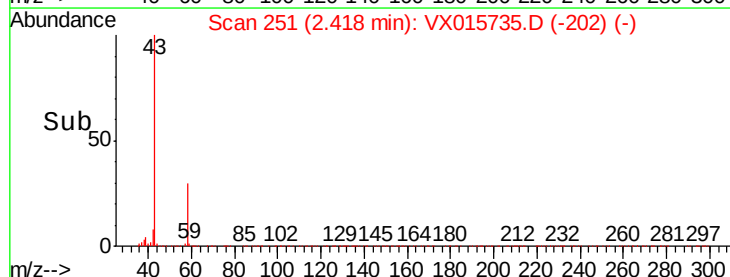
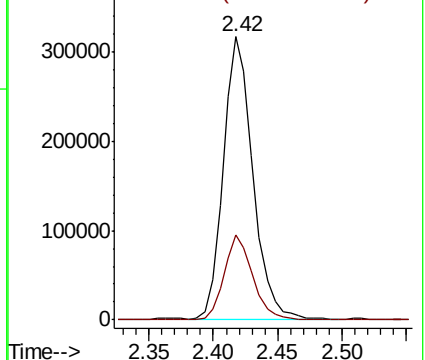
43 100

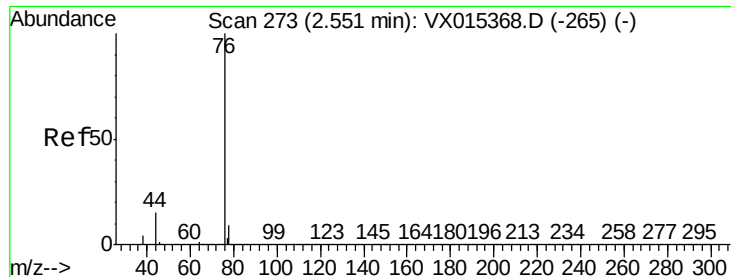
58 29.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.020 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

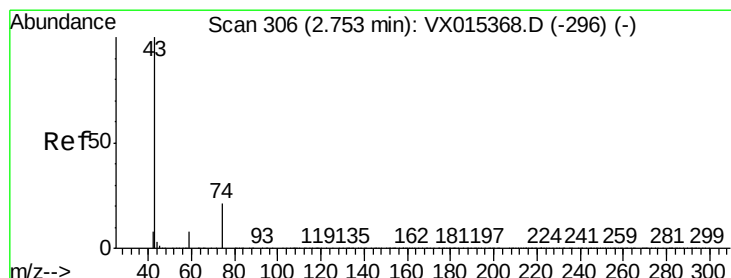
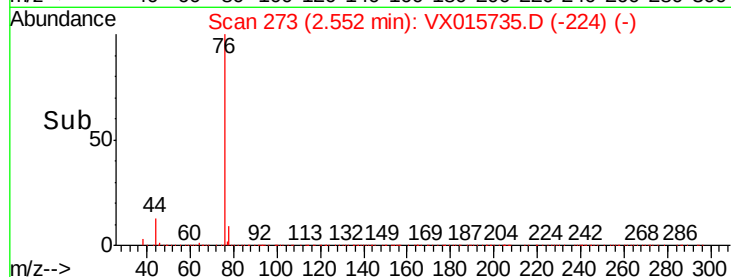
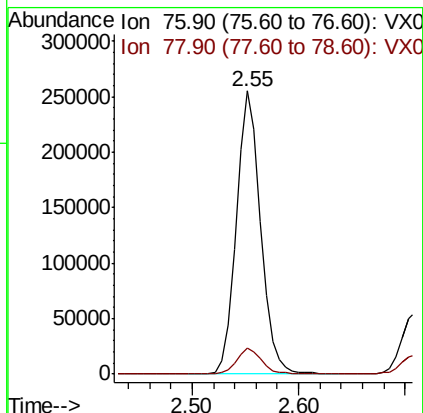
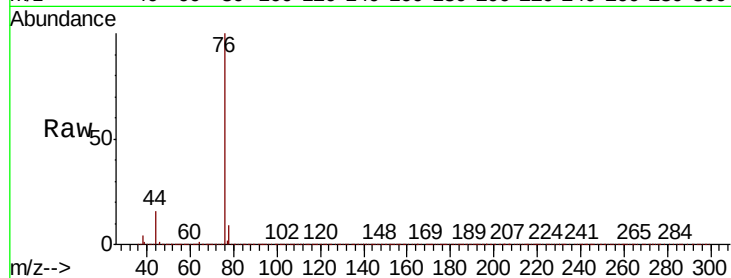
ClientSampled :

Tot Ion: 76 Resp: 408697

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 17.733 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015735.D

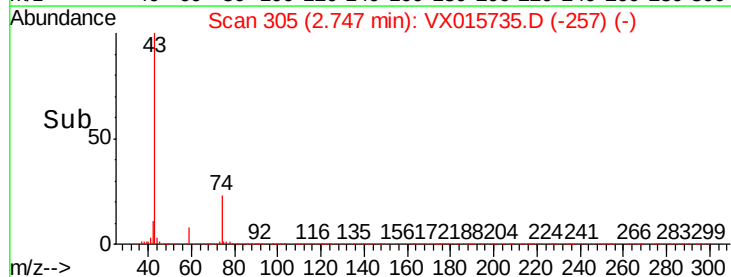
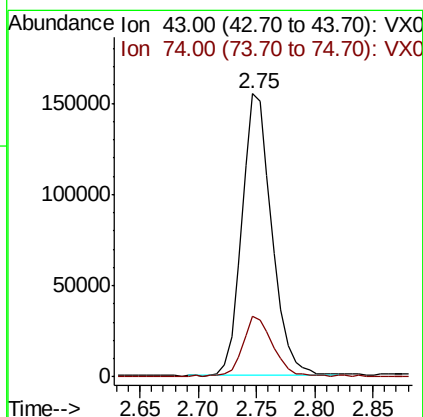
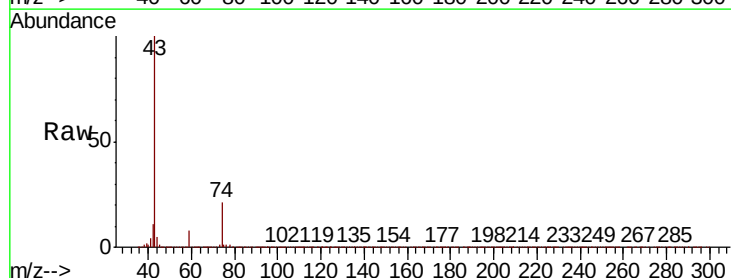
Acq: 17 Apr 2020 14:08

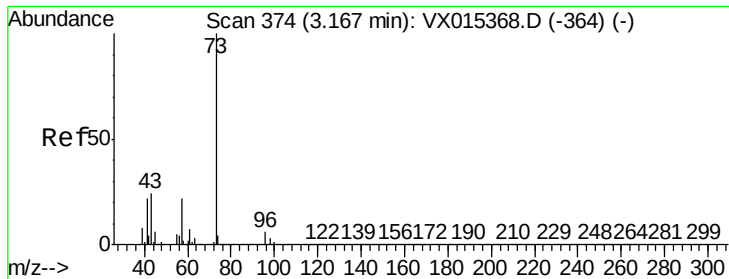
Tgt Ion: 43 Resp: 277581

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7

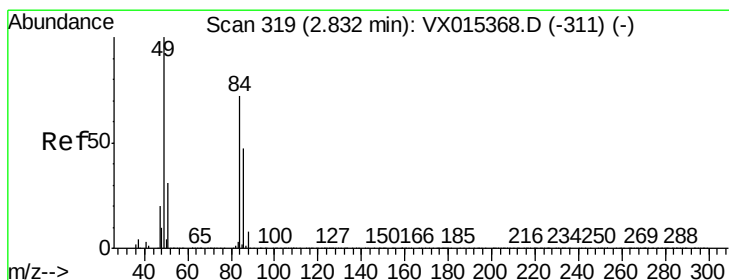
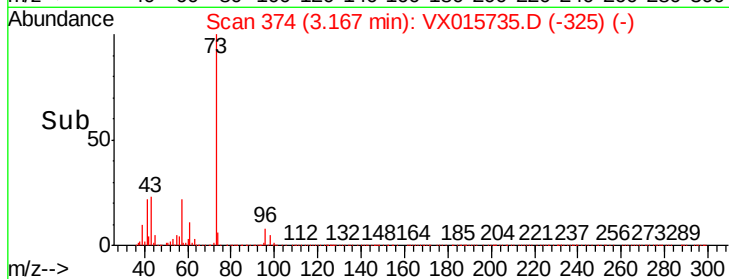
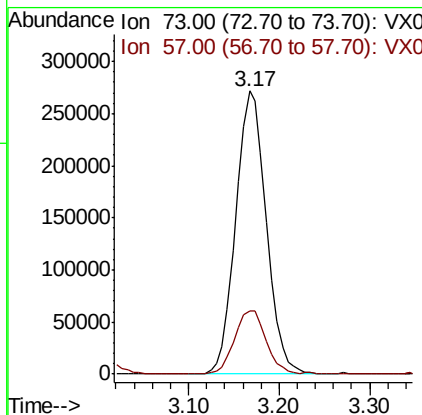
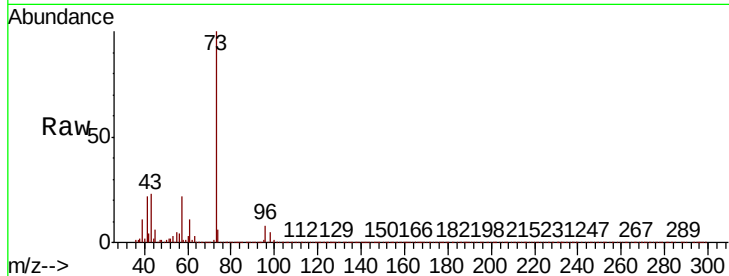




#19
Methyl tert-butyl Ether
Concen: 17.058 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

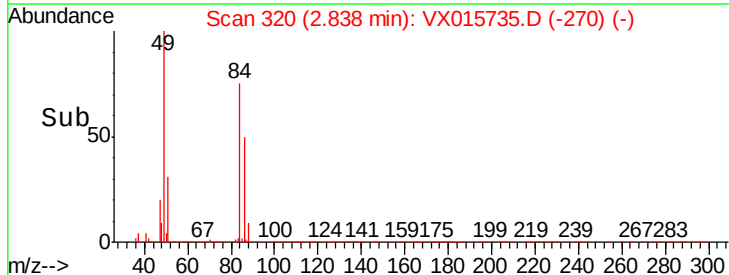
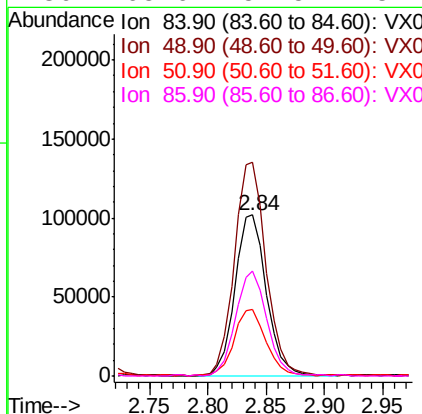
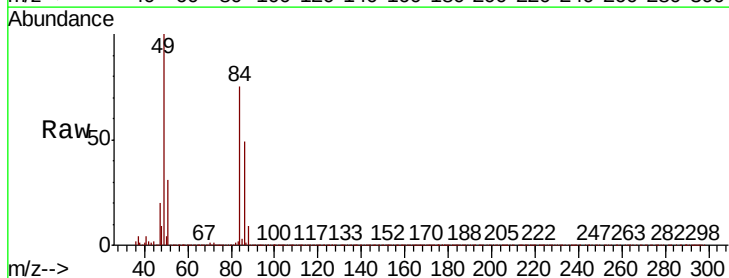
Instrument :
MSVOA_X
ClientSampleId :

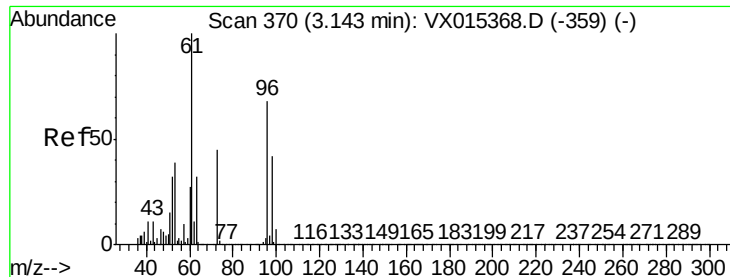
Tot Ion: 73 Resp: 632225
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 16.756 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion: 84 Resp: 191953
Ion Ratio Lower Upper
84 100
49 133.0 111.3 166.9
51 41.0 34.0 51.0
86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.960 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

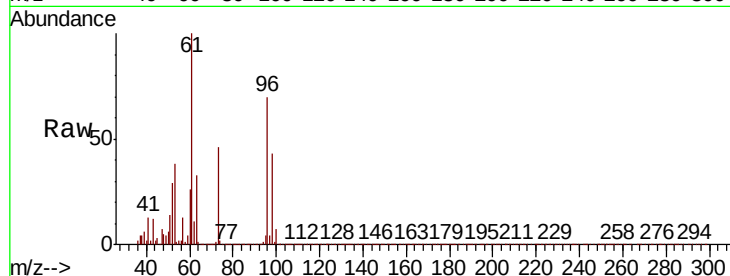
Tot Ion: 96 Resp: 179866

Ion Ratio Lower Upper

96 100

61 142.7 116.9 175.3

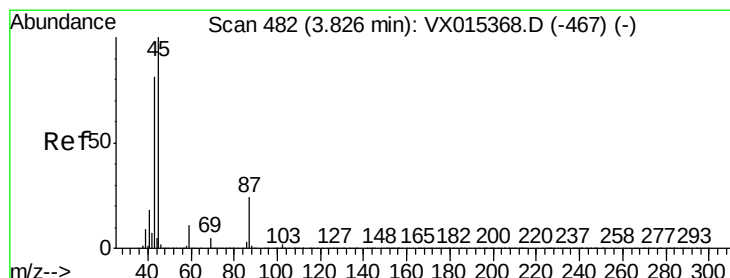
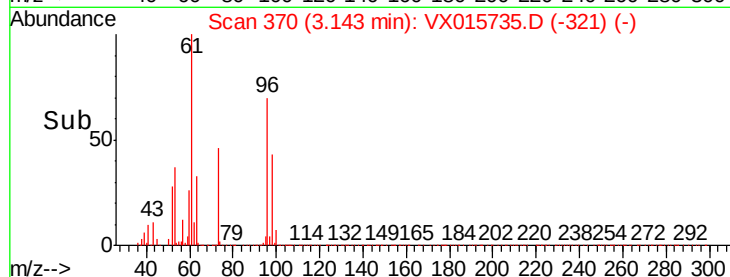
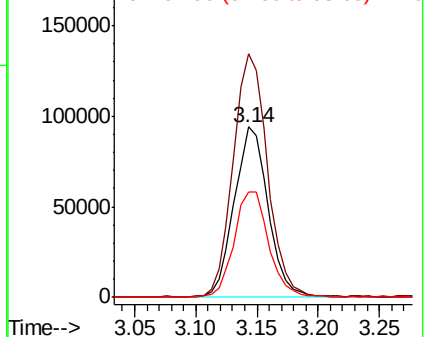
98 62.1 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.530 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion: 45 Resp: 693586

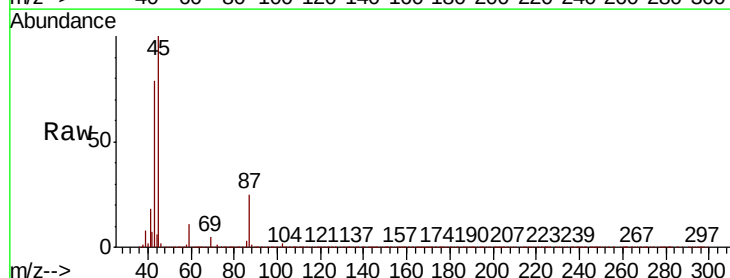
Ion Ratio Lower Upper

45 100

43 78.8 64.7 97.1

87 24.8 19.4 29.0

59 10.5 8.7 13.1

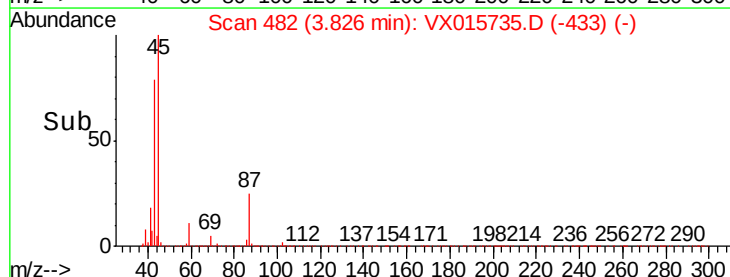
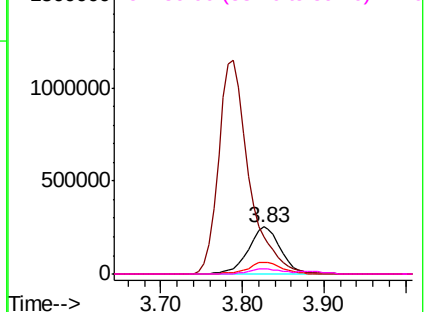


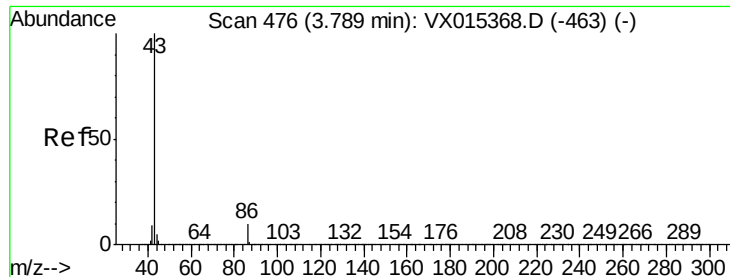
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 83.525 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

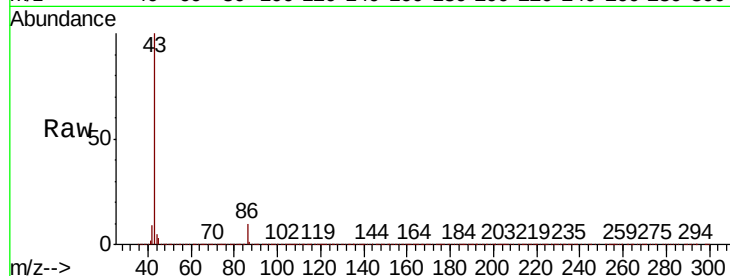
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2992154

Ion Ratio Lower Upper

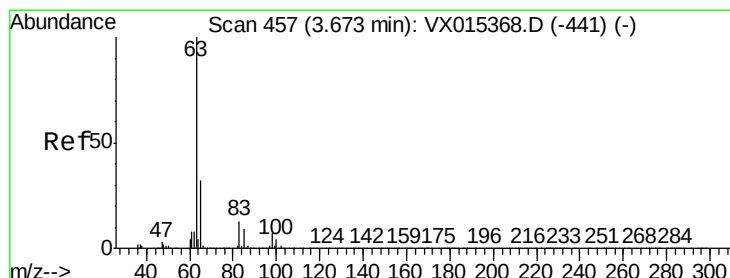
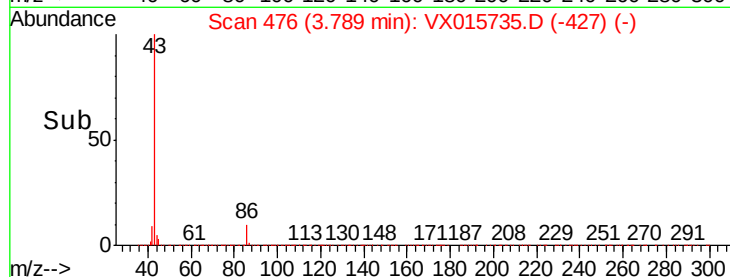
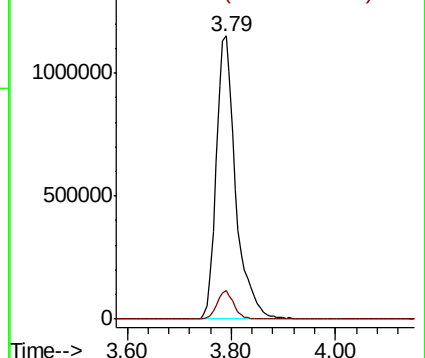
43 100

86 10.2 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.856 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

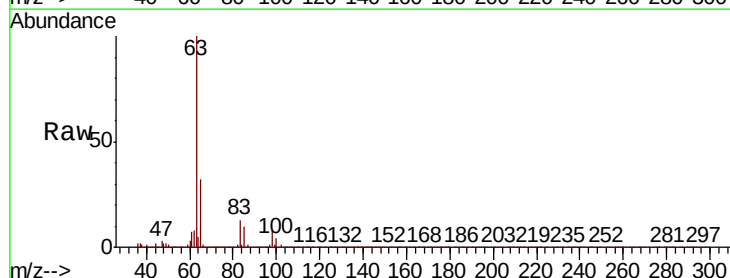
Tgt Ion: 63 Resp: 351149

Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.8

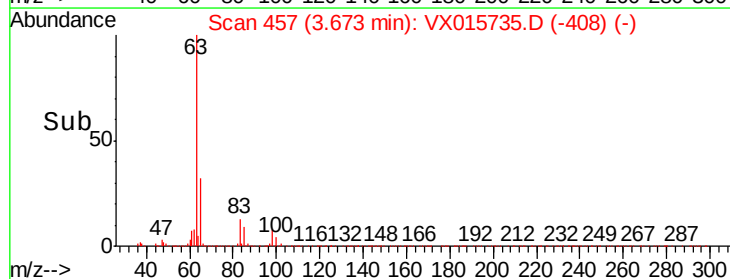
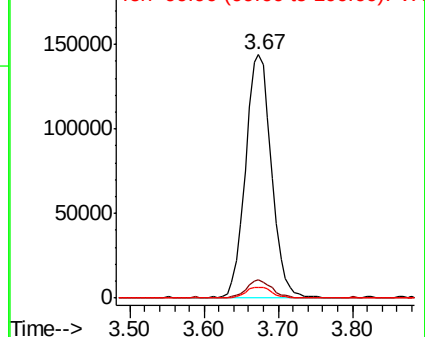
100 4.3 2.1 6.5

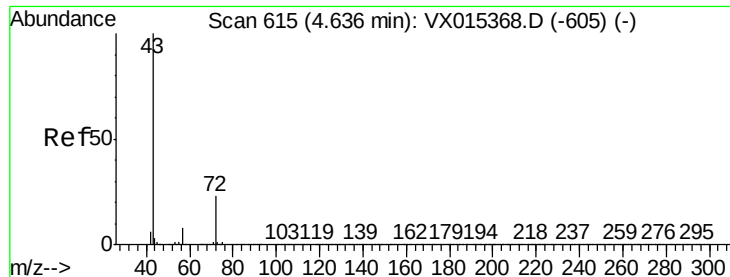


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 81.112 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

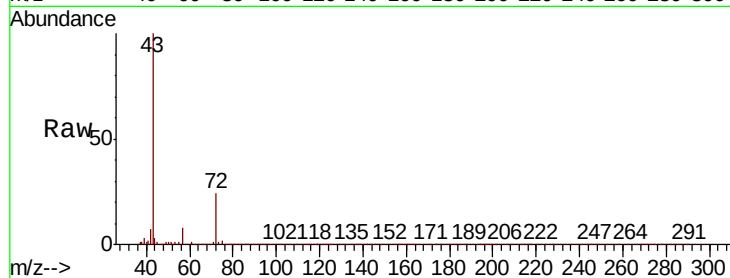
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 800044

Ion Ratio Lower Upper

43 100

72 23.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

300000

250000

200000

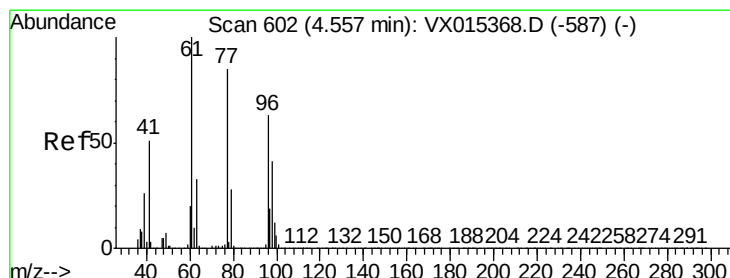
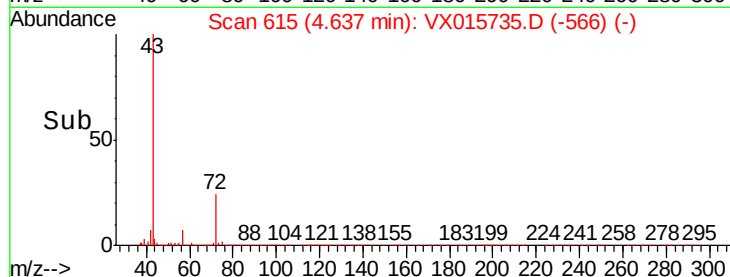
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 17.742 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015735.D

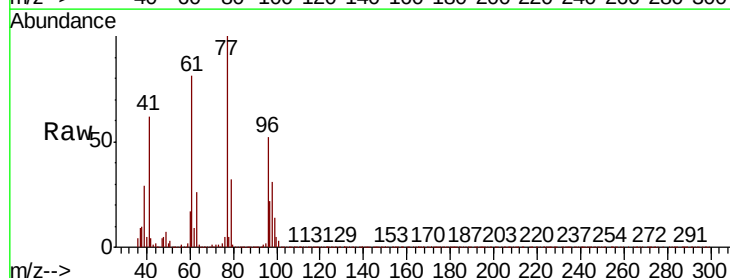
Acq: 17 Apr 2020 14:08

Tgt Ion: 77 Resp: 303377

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

100000

80000

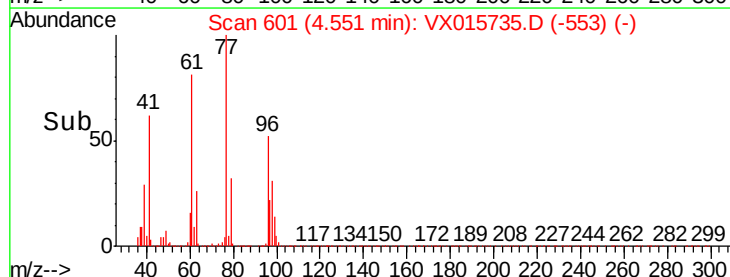
60000

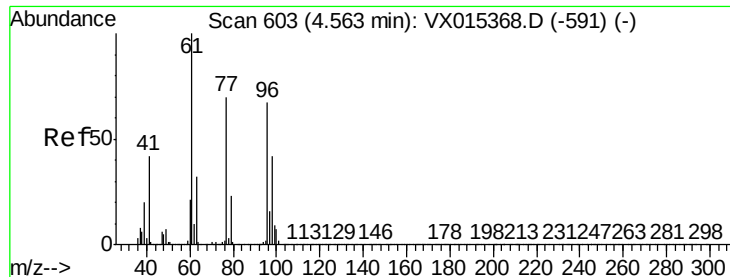
40000

20000

0

Time--> 4.40 4.50 4.60 4.70



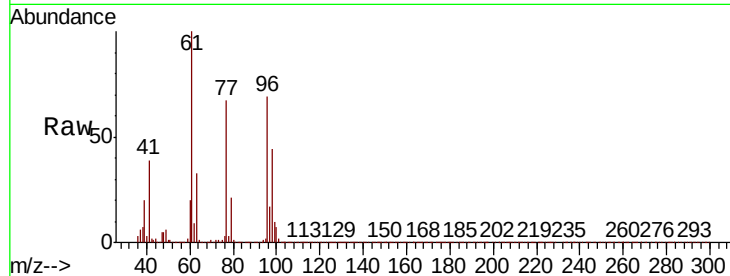


#27

cis-1,2-Dichloroethene
Concen: 17.682 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	308.4
98	64.1	0.0	129.2

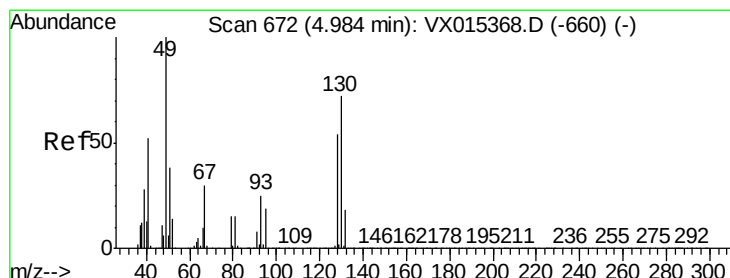
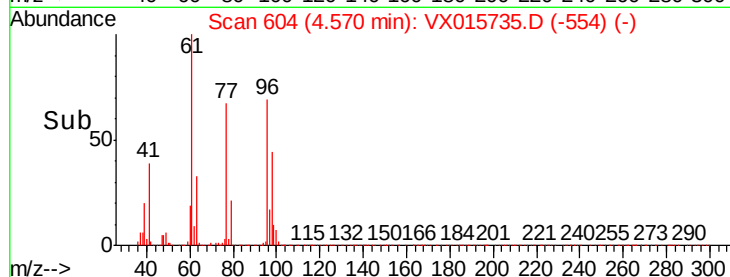
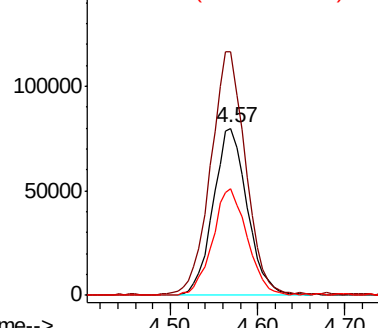


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

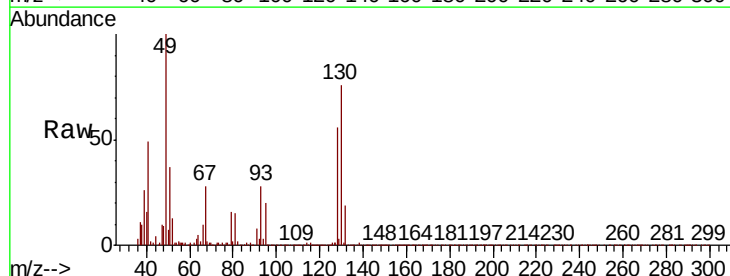
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 17.845 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.4
130	76.7	57.7	86.5

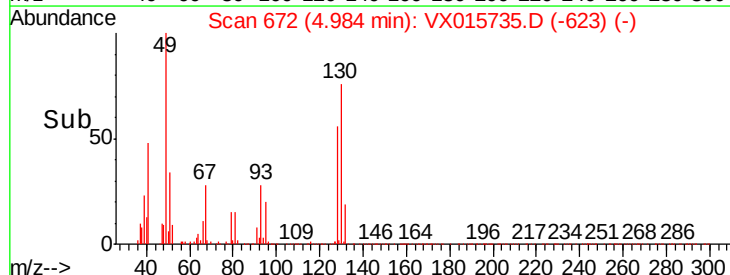
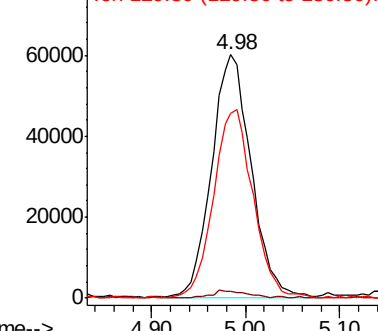


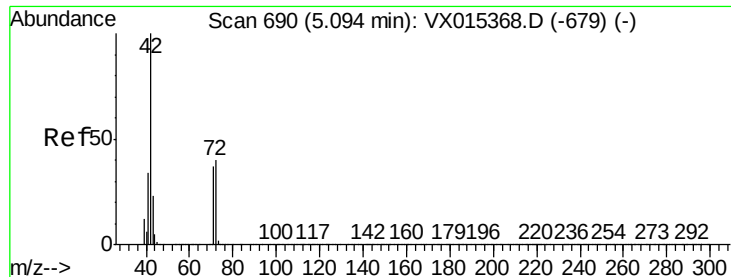
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 81.399 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

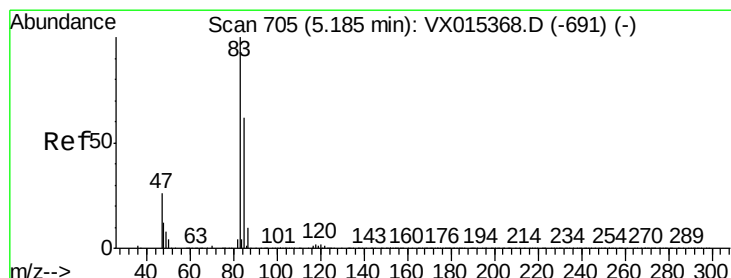
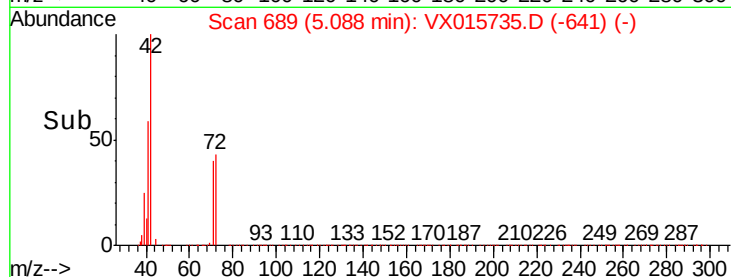
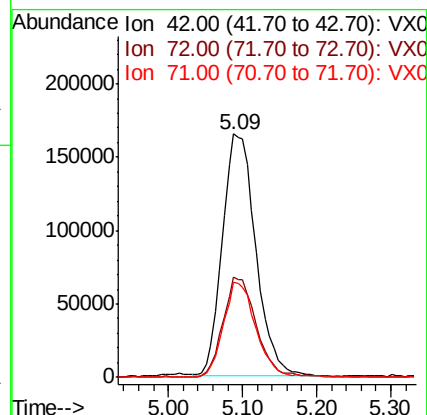
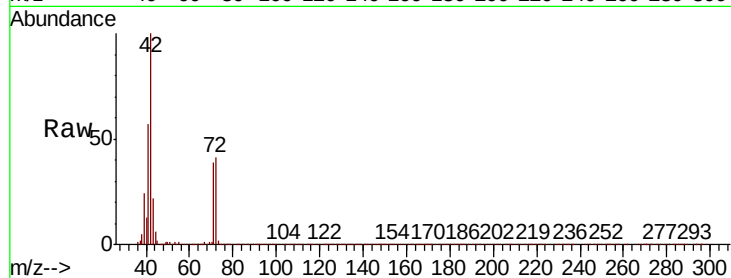
Tot Ion: 42 Resp: 516144

Ion Ratio Lower Upper

42 100

72 41.2 31.7 47.5

71 38.1 29.6 44.4



#30

Chloroform

Concen: 17.462 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015735.D

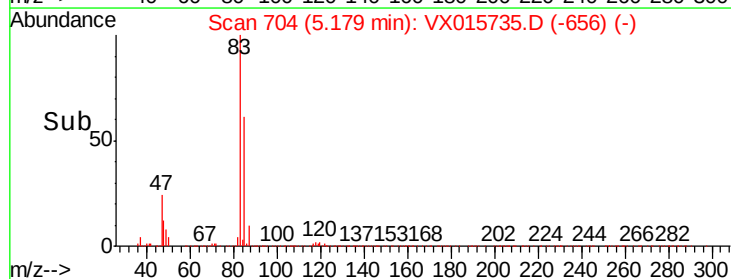
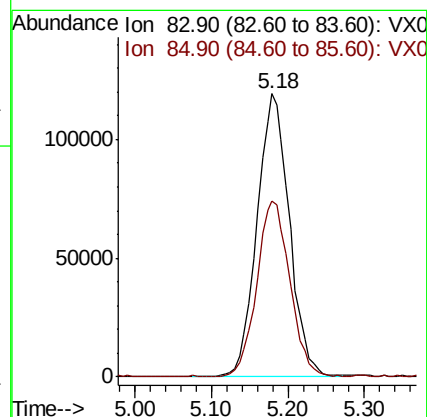
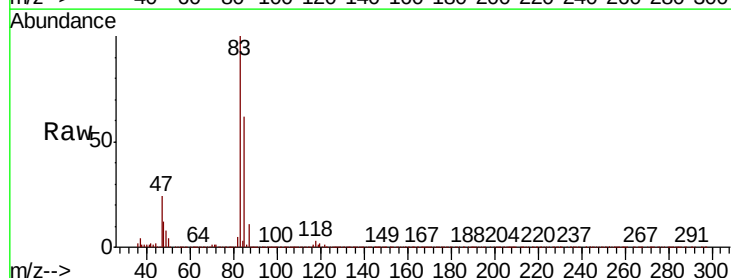
Acq: 17 Apr 2020 14:08

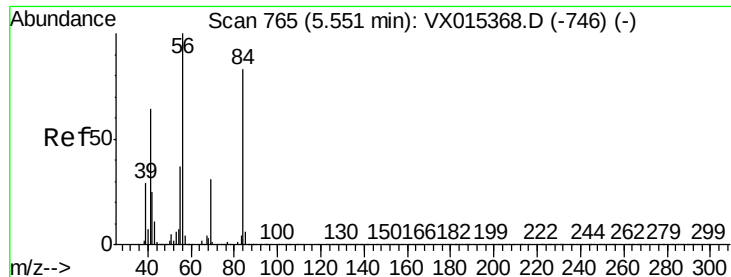
Tgt Ion: 83 Resp: 349987

Ion Ratio Lower Upper

83 100

85 61.9 49.5 74.3

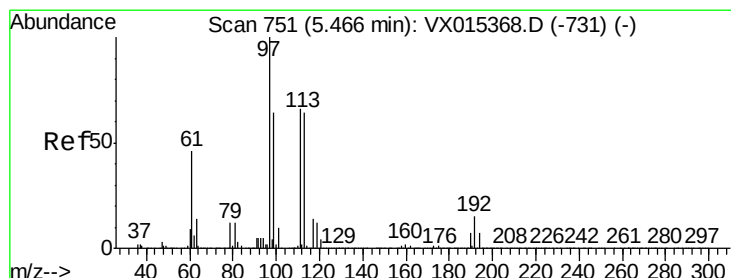
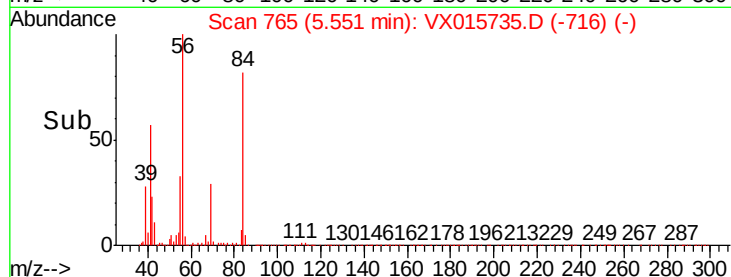
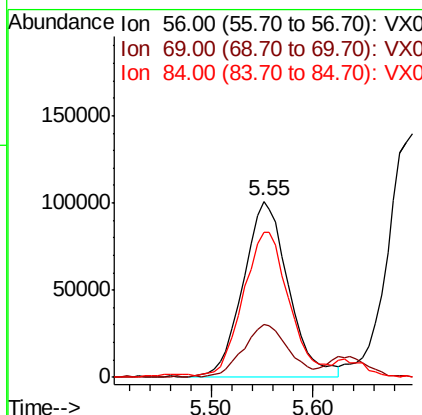
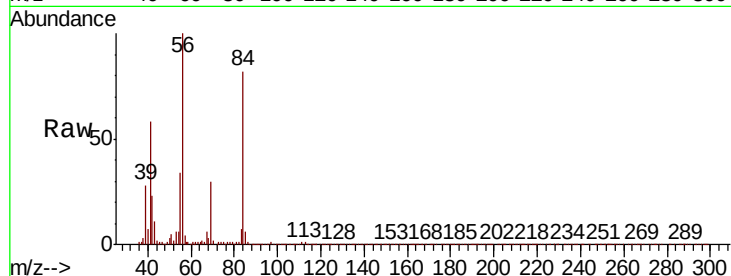




#31
Cyclohexane
Concen: 17.041 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

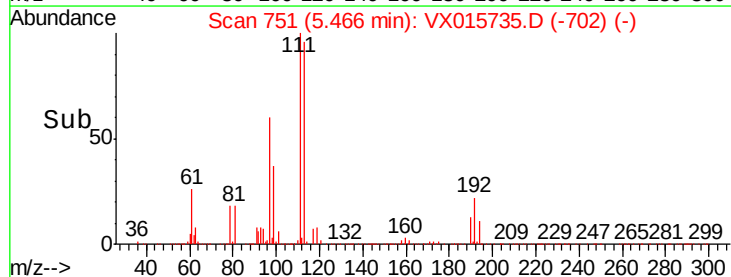
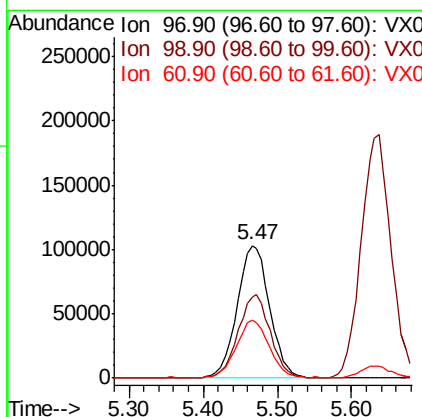
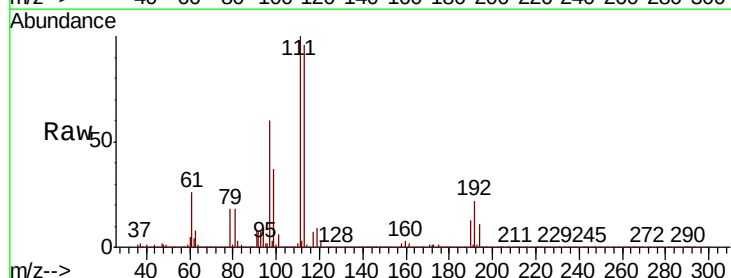
Instrument :
MSVOA_X
ClientSampleId :

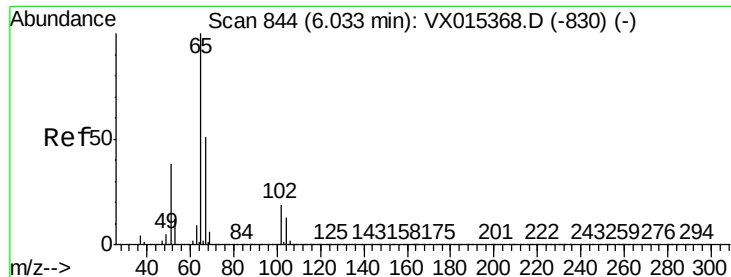
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.6	36.8
84	80.9	66.1	99.1



#32
1,1,1-Trichloroethane
Concen: 17.262 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.4
61	45.0	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 44.896 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

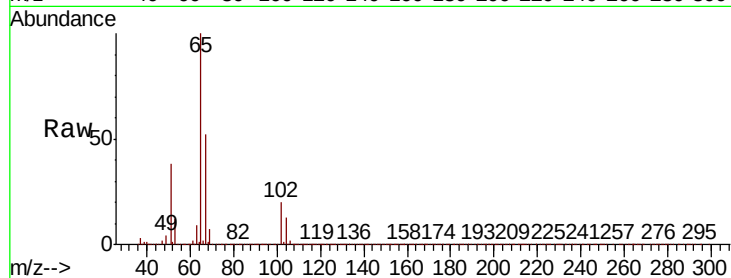
ClientSampled :

Tot Ion: 65 Resp: 640922

Ion Ratio Lower Upper

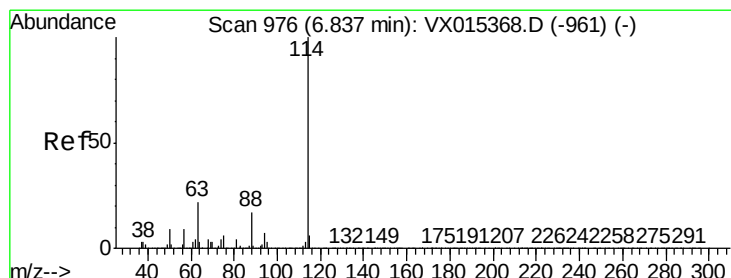
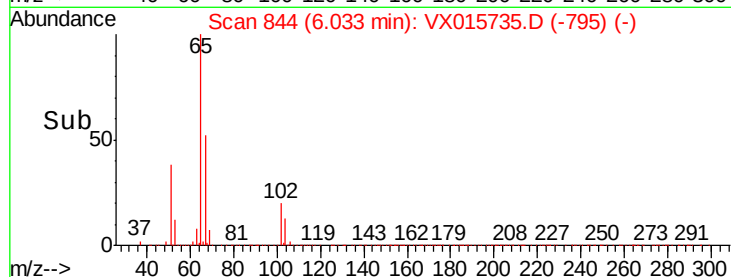
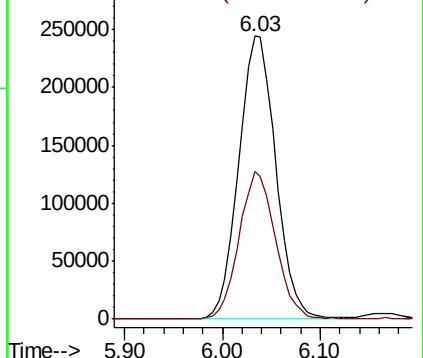
65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

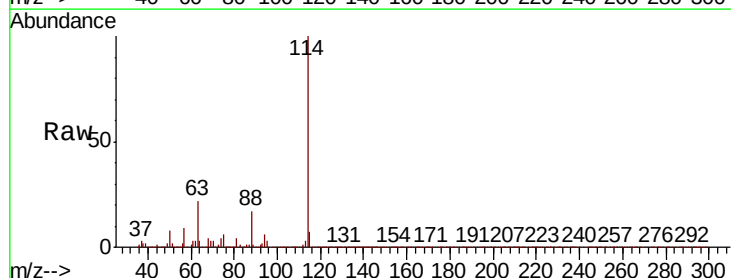
Tgt Ion: 114 Resp: 1506920

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

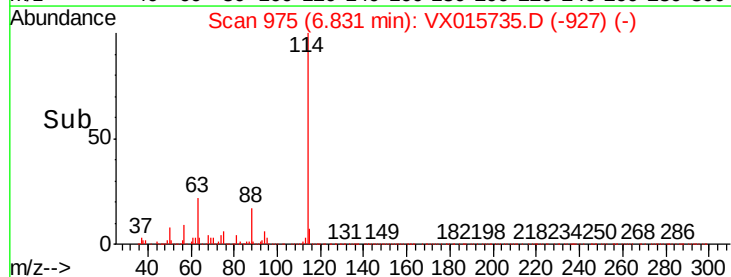
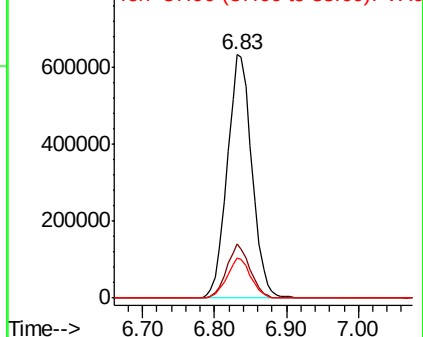
88 16.6 0.0 33.8

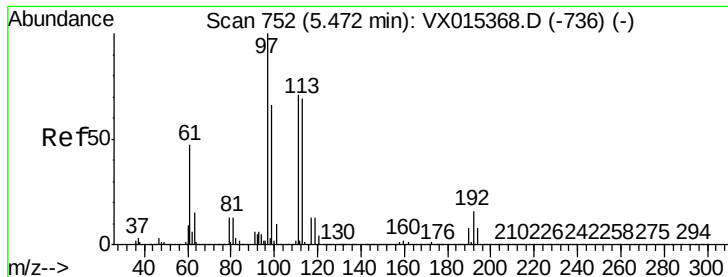


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

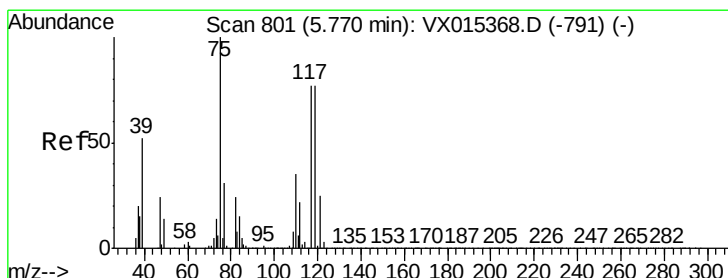
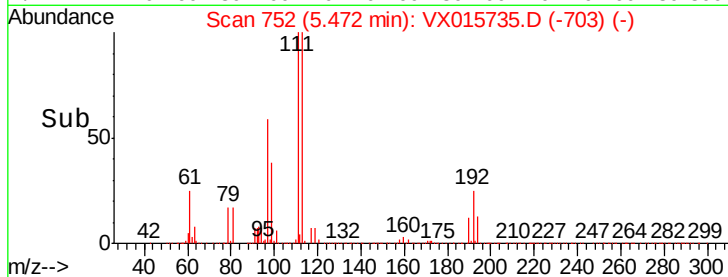
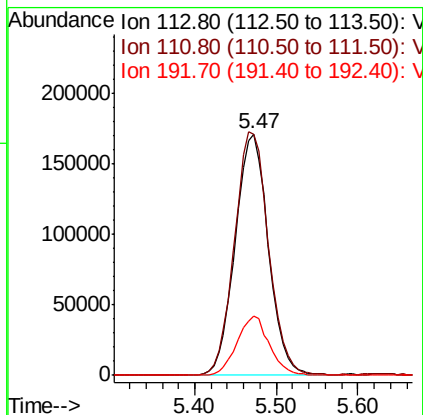
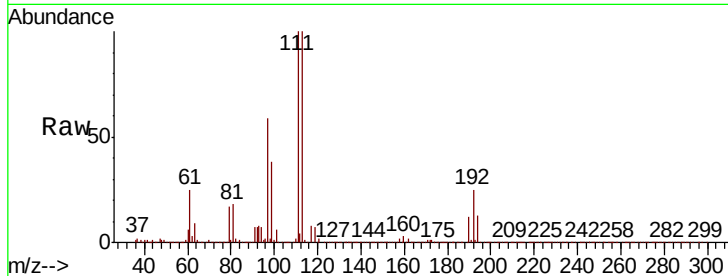




#35
 Dibromofluoromethane
 Concen: 50.043 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

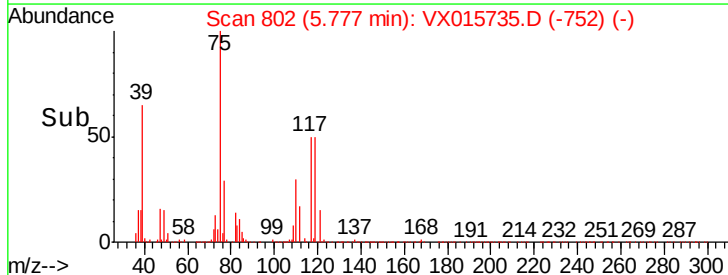
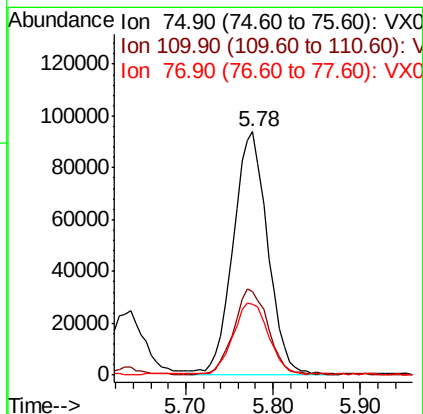
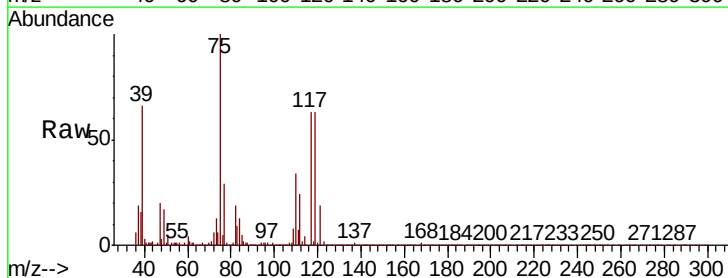
Instrument :
 MSVOA_X
 ClientSampleId :

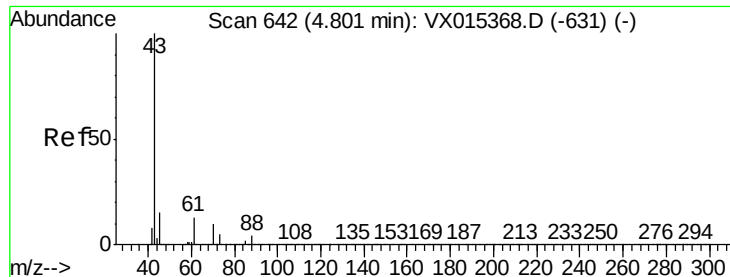
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	24.1	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 18.444 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.1	51.3
77	30.4	24.6	36.8

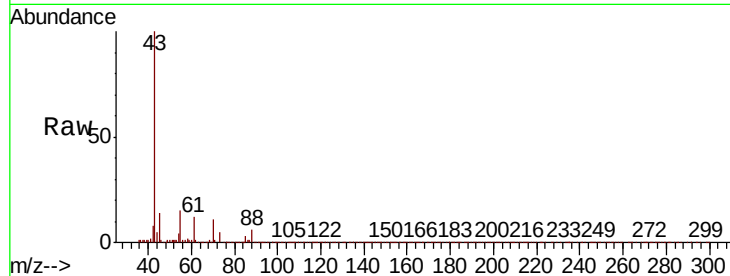




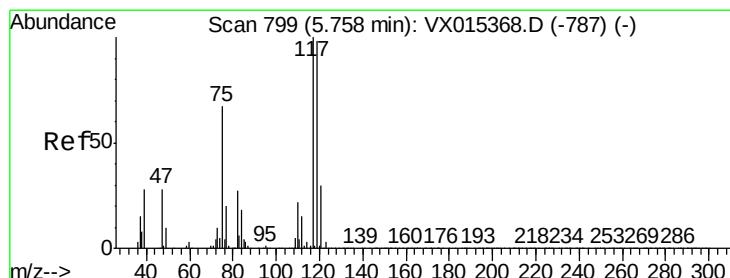
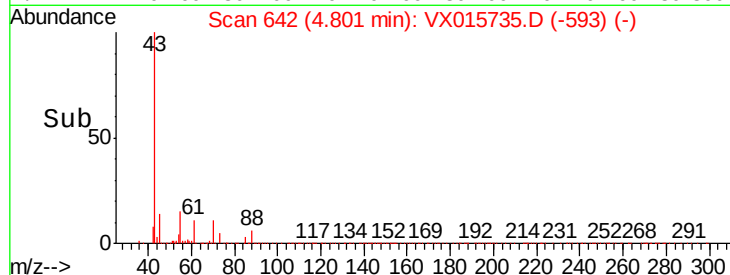
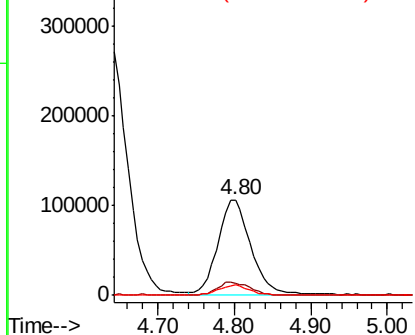
#37
Ethyl Acetate
Concen: 17.234 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	311565
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.9	14.9
70	9.5	8.1	12.1

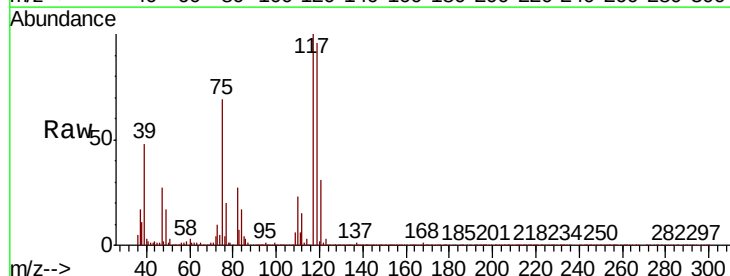


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

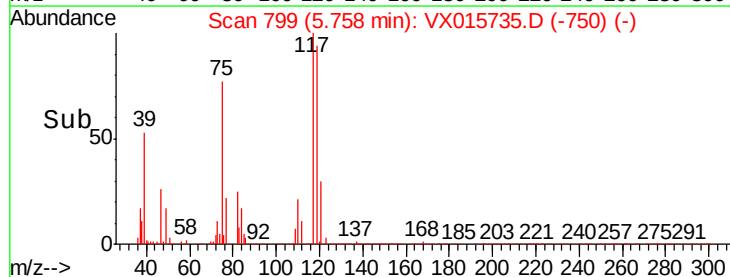
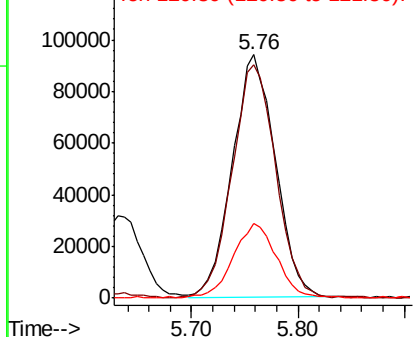


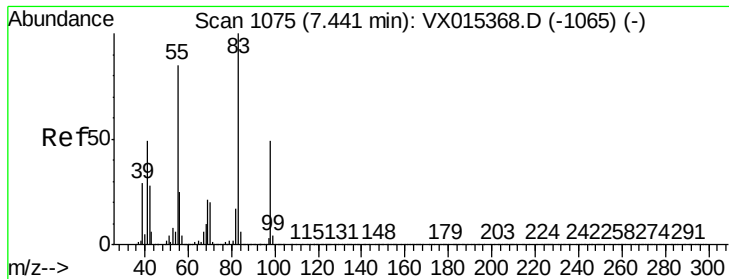
#38
Carbon Tetrachloride
Concen: 17.703 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion:	117	Resp:	266228
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.0	117.0
121	30.4	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

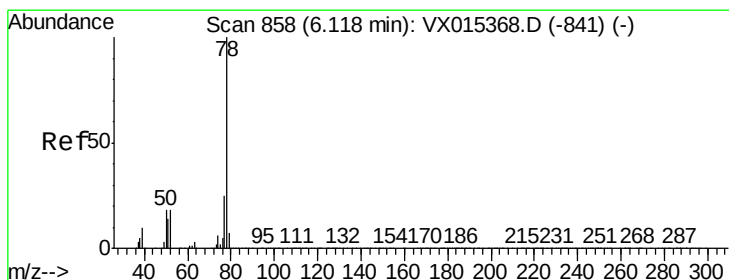
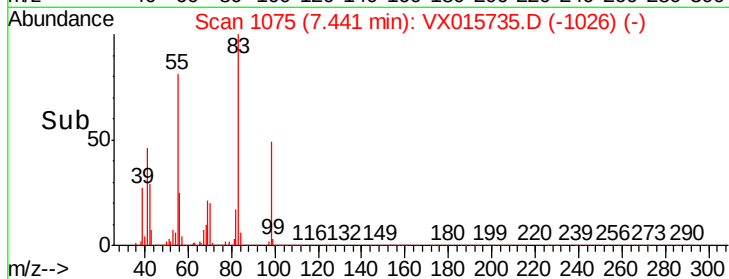
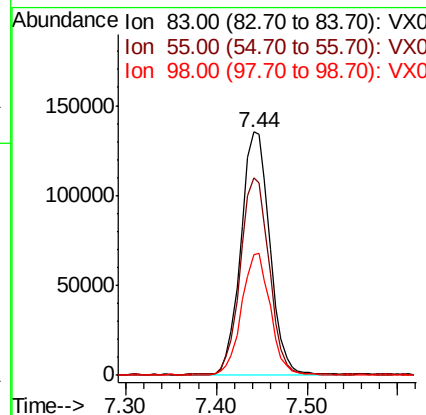
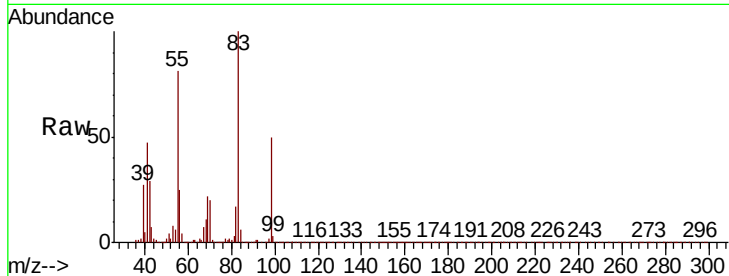




#39
Methylvlcyclohexane
Concen: 18.726 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

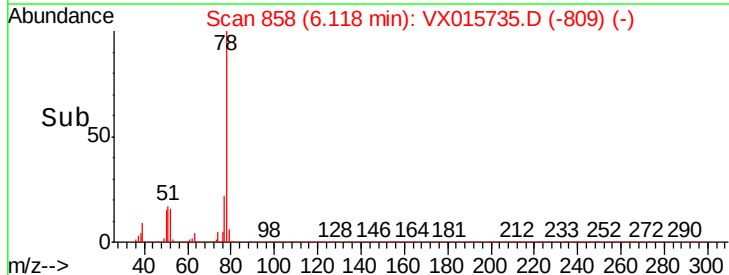
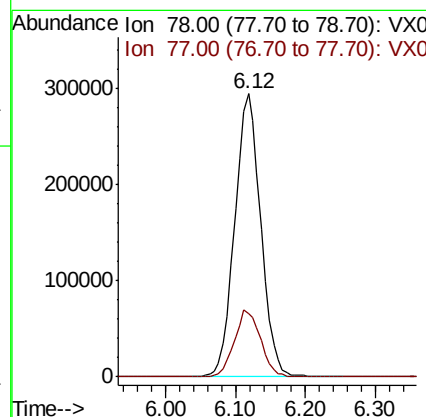
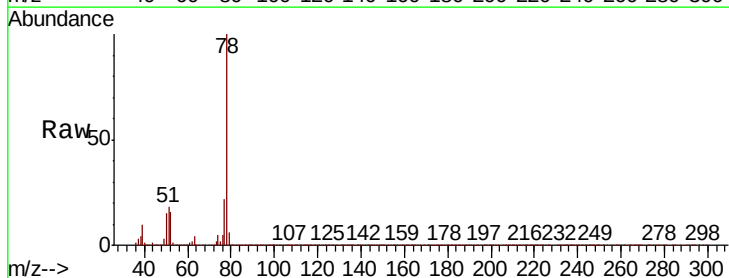
Instrument :
MSVOA_X
ClientSampleId :

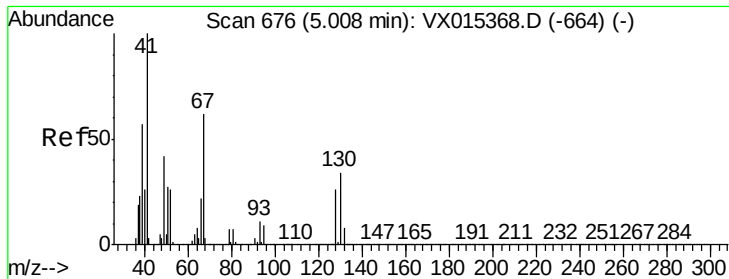
Tot Ion	83	Resp	299777
Ion Ratio	Lower	Upper	
83	100		
55	80.9	67.8	101.6
98	49.7	39.3	58.9



#40
Benzene
Concen: 18.644 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion	78	Resp	758281
Ion Ratio	Lower	Upper	
78	100		
77	22.3	19.8	29.8

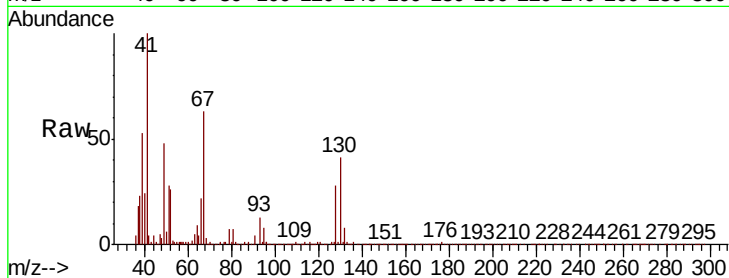




#41
Methacrylonitrile
Concen: 18.060 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	181248
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.5	66.7
67	62.8	48.9	73.3
52	27.0	21.8	32.6



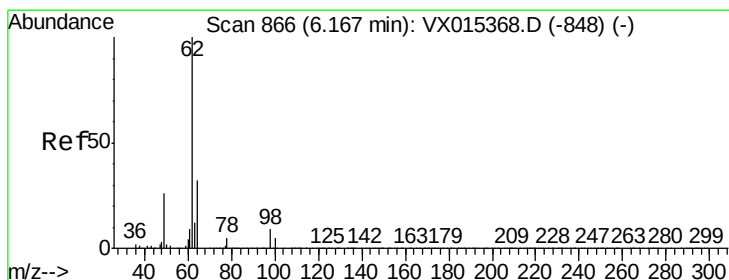
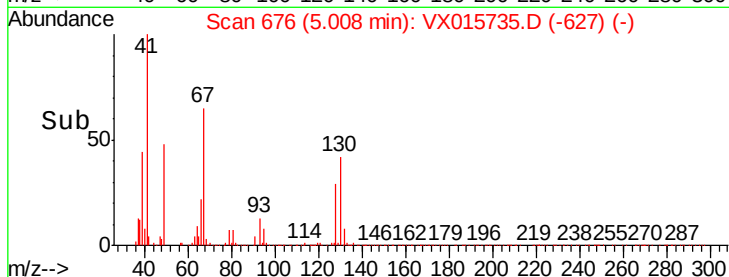
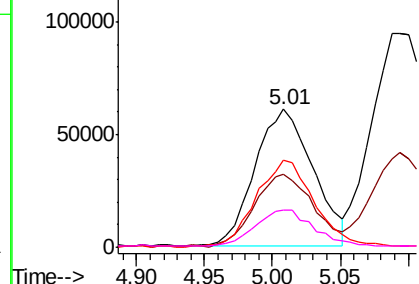
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

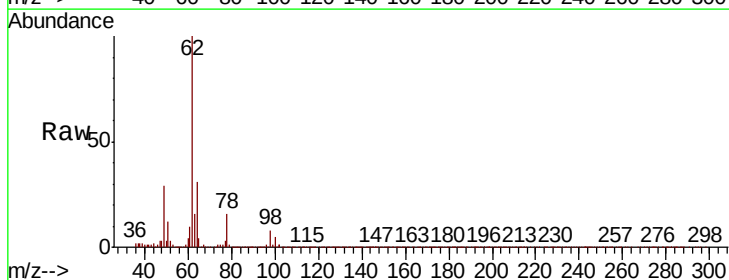
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.460 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

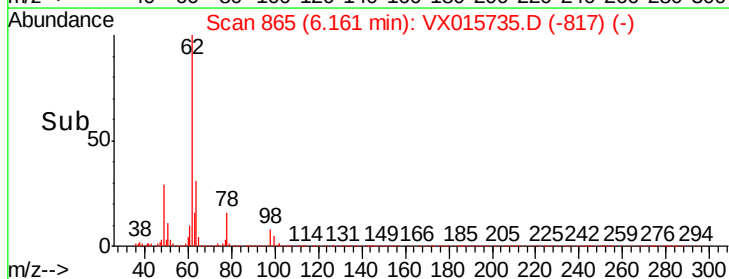
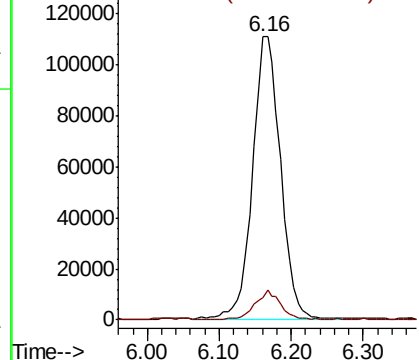
Tgt Ion:	62	Resp:	301579
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.6

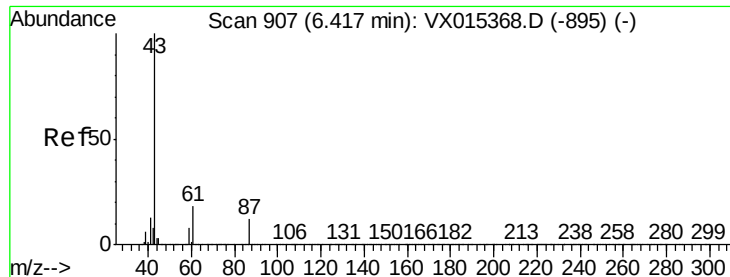


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.375 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampled :

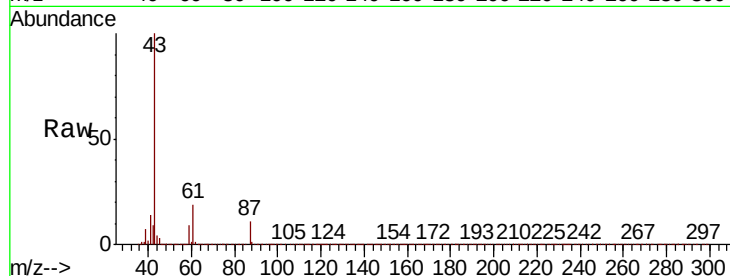
Tot Ion: 43 Resp: 530275

Ion Ratio Lower Upper

43 100

61 18.9 14.8 22.2

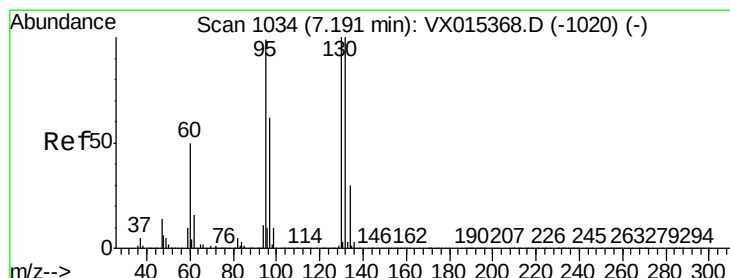
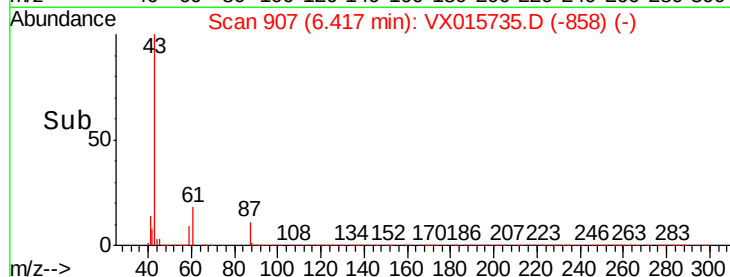
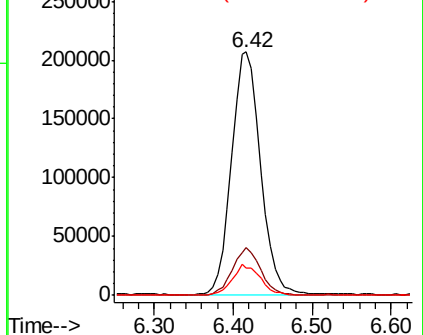
87 11.9 9.4 14.0



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: 19.093 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015735.D

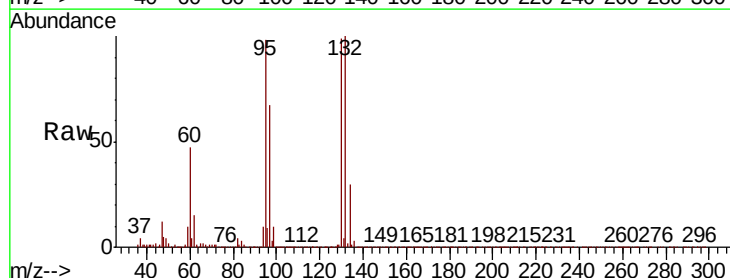
Acq: 17 Apr 2020 14:08

Tgt Ion:130 Resp: 211782

Ion Ratio Lower Upper

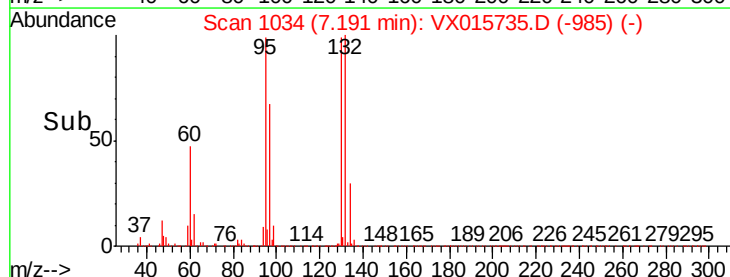
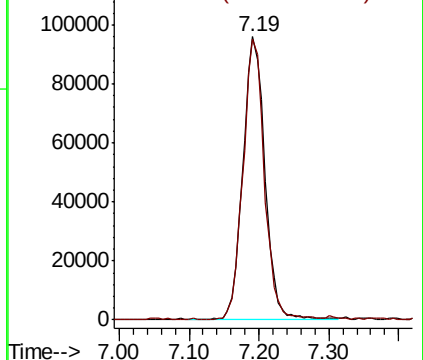
130 100

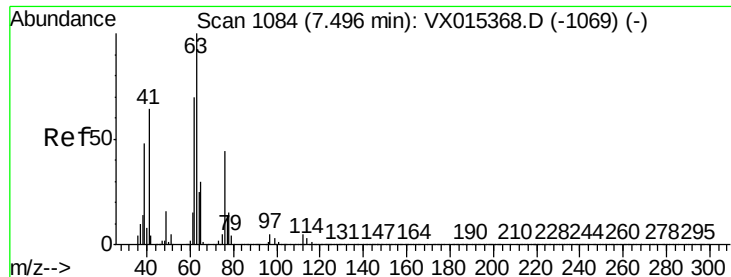
95 99.2 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

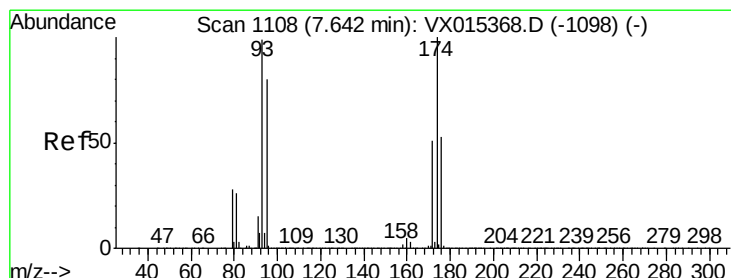
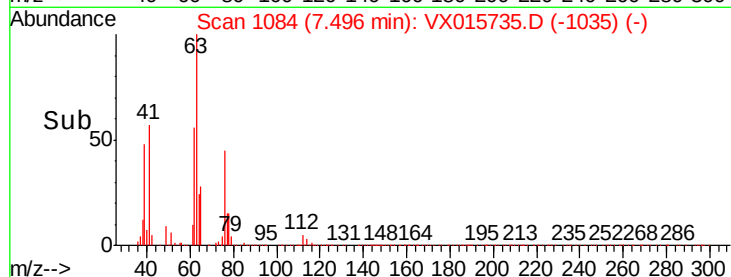
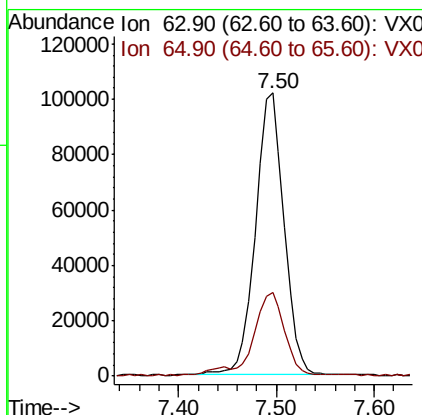
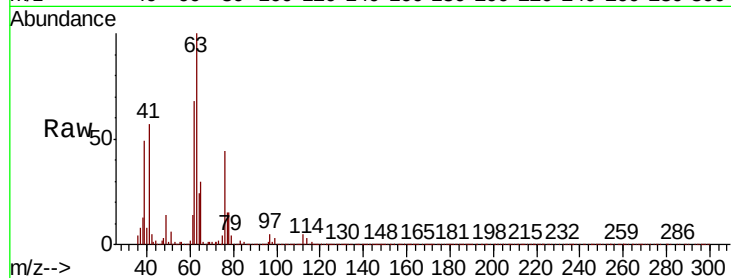




#45
 1,2-Dichloropropane
 Concen: 18.522 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

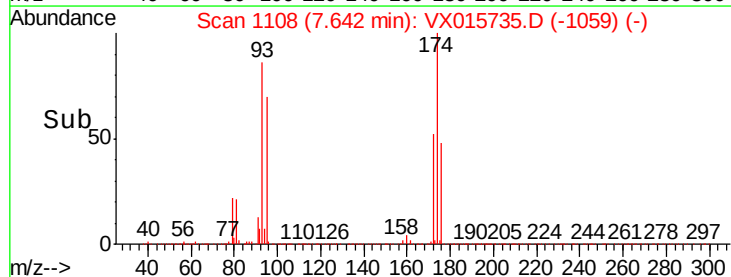
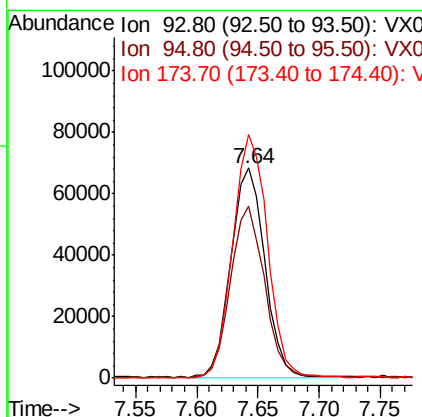
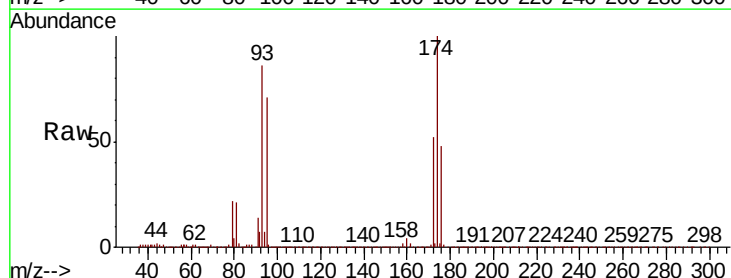
Instrument :
 MSVOA_X
 ClientSampleId :

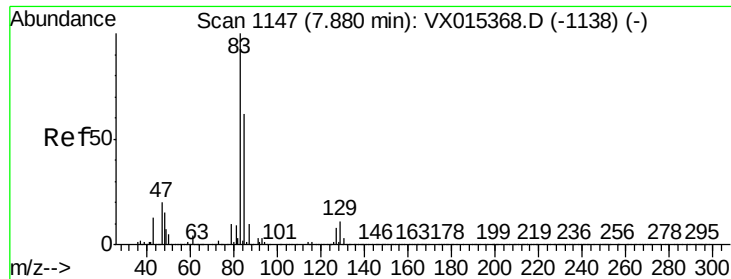
Tot Ion: 63 Resp: 206080
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.9 35.9



#46
 Dibromomethane
 Concen: 18.206 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion: 93 Resp: 132878
 Ion Ratio Lower Upper
 93 100
 95 80.6 65.8 98.8
 174 117.3 86.2 129.2

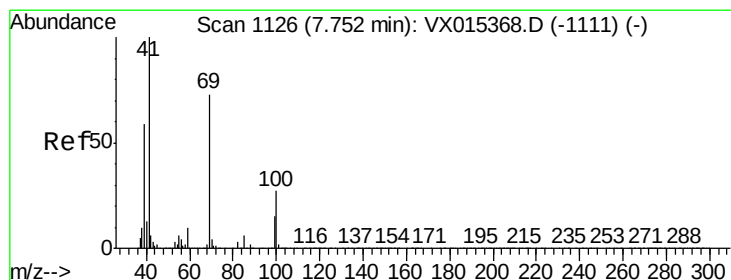
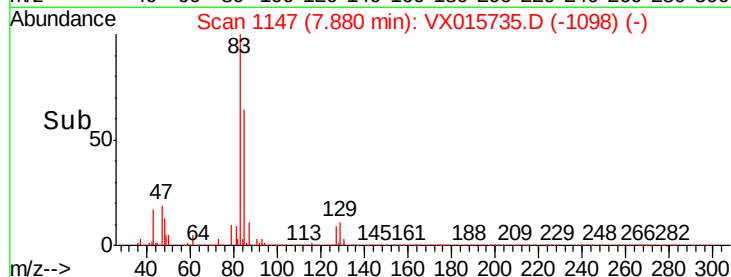
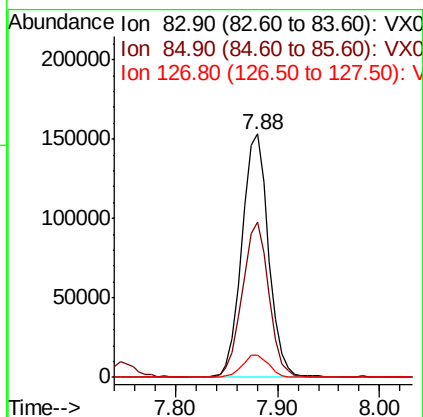
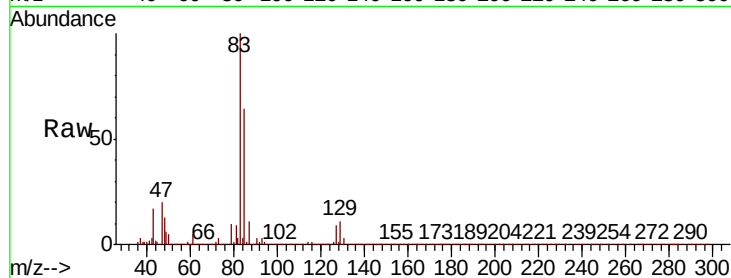




#47
 Bromodichloromethane
 Concen: 17.884 ug/l
 RT: 7.88 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

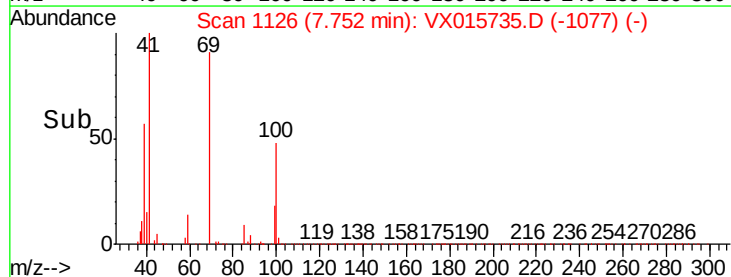
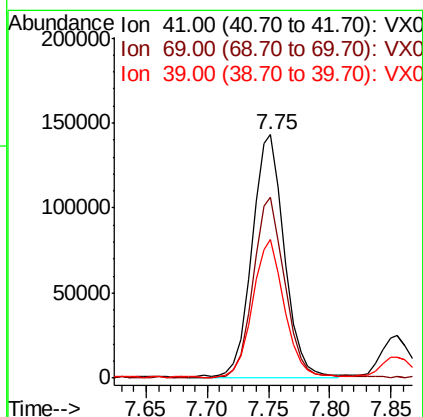
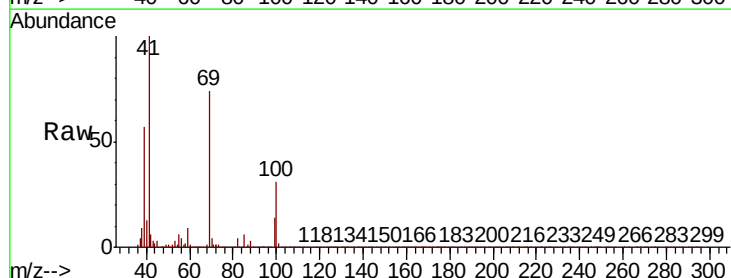
Instrument :
 MSVOA_X
 ClientSampleId :

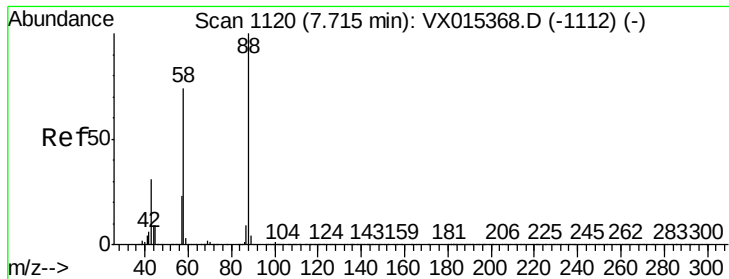
Tot Ion	83	Resp	278126
Ion Ratio	Lower	Upper	
83	100		
85	63.6	49.7	74.5
127	8.7	6.7	10.1



#48
 Methyl methacrylate
 Concen: 17.159 ug/l
 RT: 7.75 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	41	Resp	261565
Ion Ratio	Lower	Upper	
41	100		
69	72.9	56.7	85.1
39	55.9	46.5	69.7





#49

1,4-Dioxane

Concen: 345.357 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

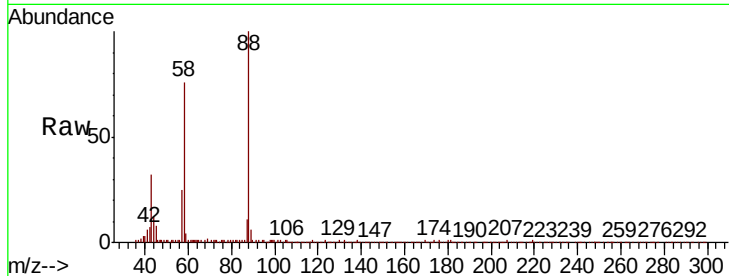
Tot Ion: 88 Resp: 98210

Ion Ratio Lower Upper

88 100

43 41.5 30.1 45.1

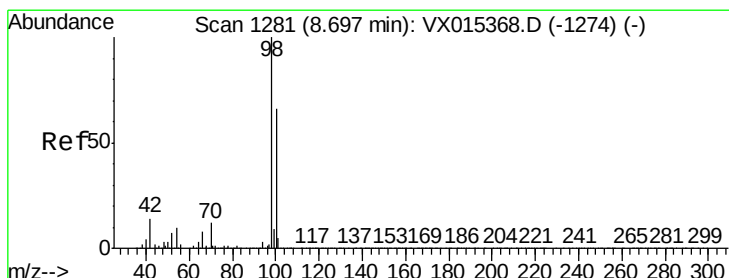
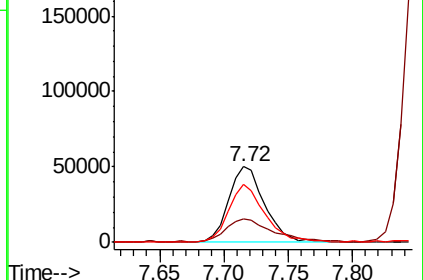
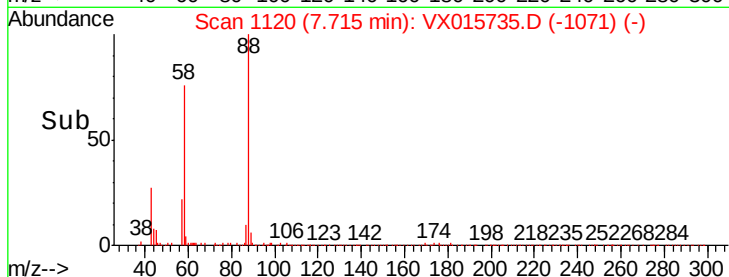
58 74.7 60.6 90.8



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: 50.834 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015735.D

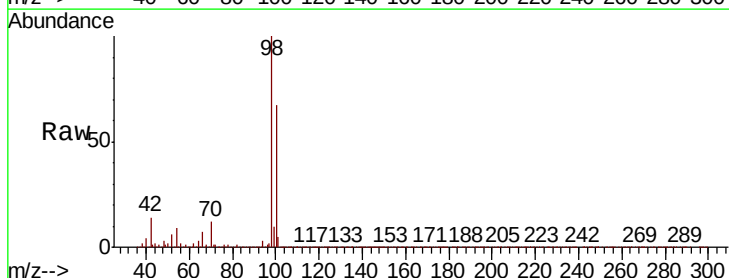
Acq: 17 Apr 2020 14:08

Tgt Ion: 98 Resp: 1802805

Ion Ratio Lower Upper

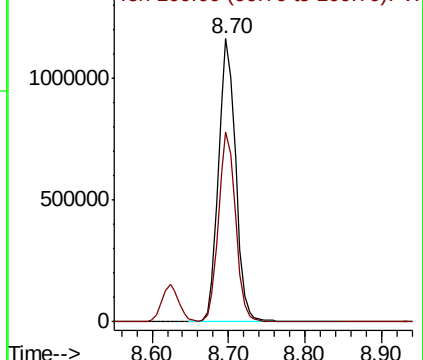
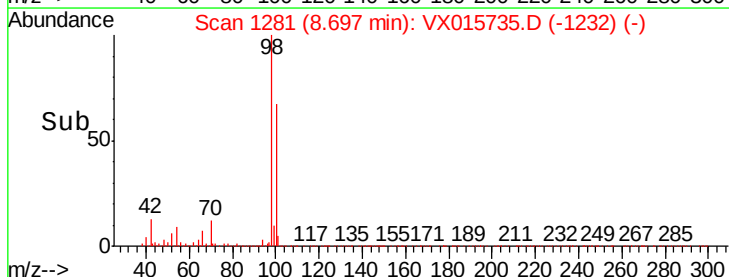
98 100

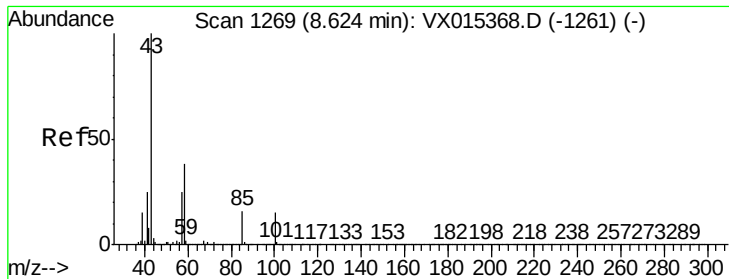
100 67.0 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

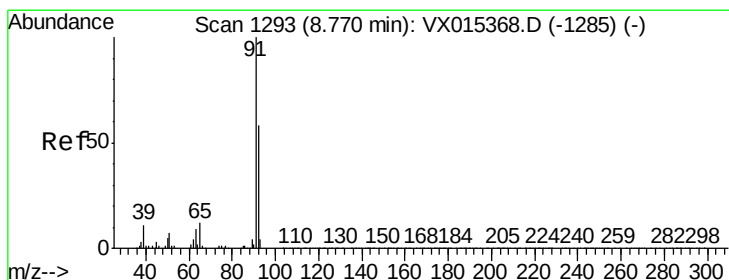
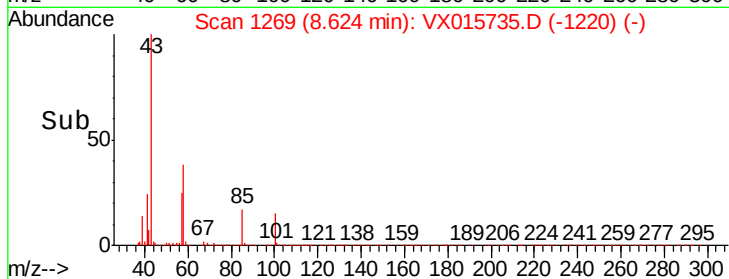
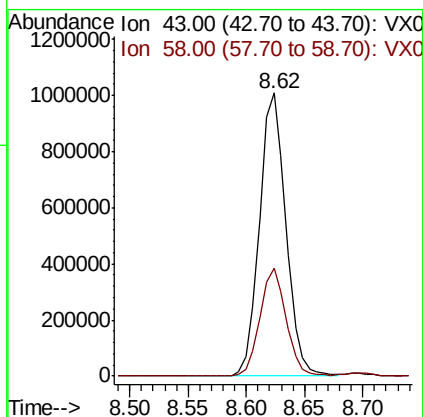
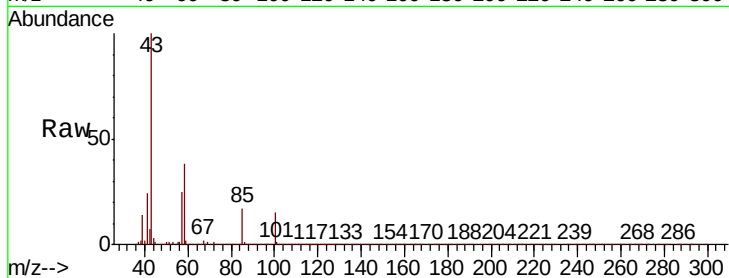




#51
4-Methyl-2-Pentanone
Concen: 91.808 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

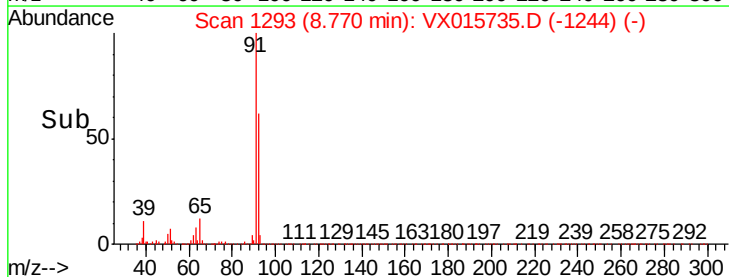
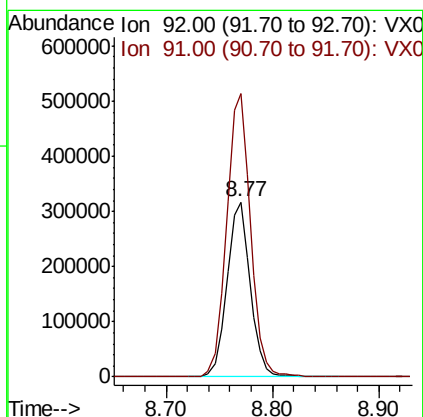
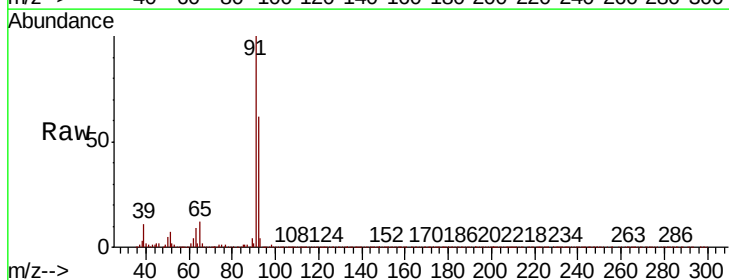
Instrument :
MSVOA_X
ClientSampled :

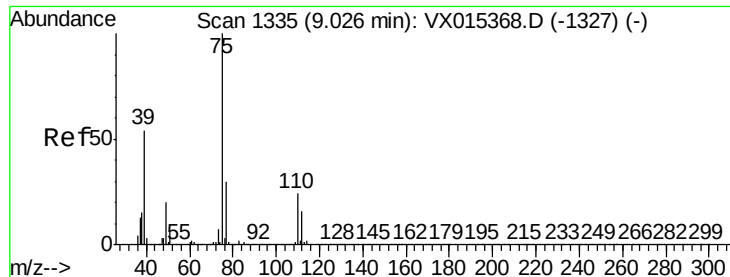
Tot Ion: 43 Resp: 1587882
Ion Ratio Lower Upper
43 100
58 37.6 29.7 44.5



#52
Toluene
Concen: 19.339 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion: 92 Resp: 484917
Ion Ratio Lower Upper
92 100
91 166.1 136.6 205.0

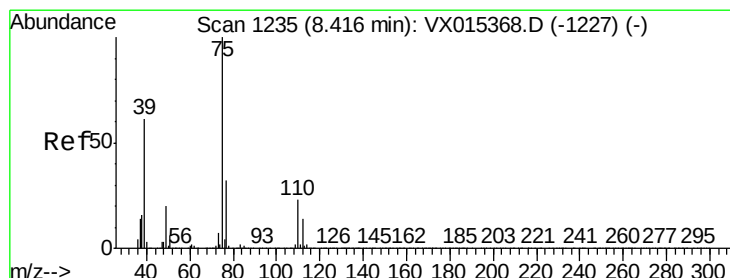
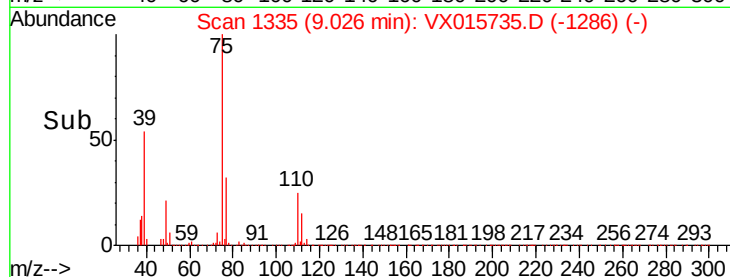
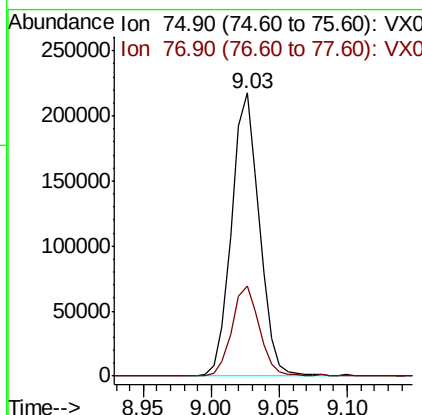
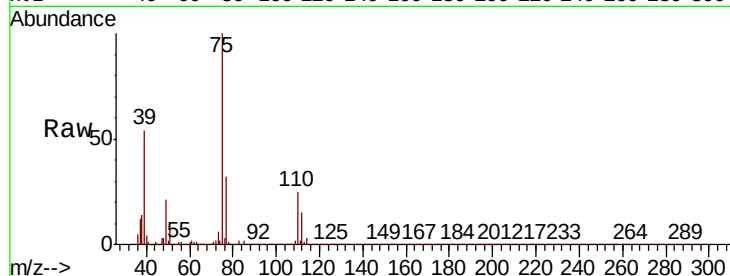




#53
t-1,3-Dichloropropene
Concen: 16.891 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

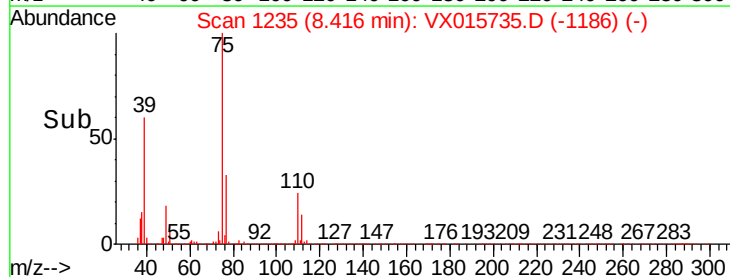
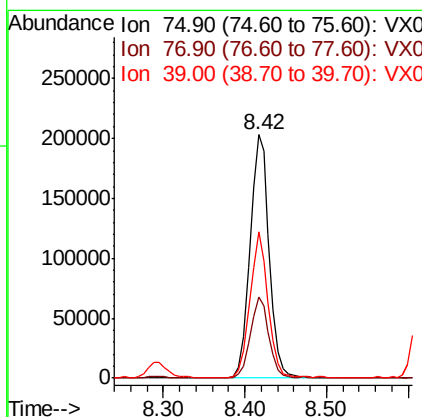
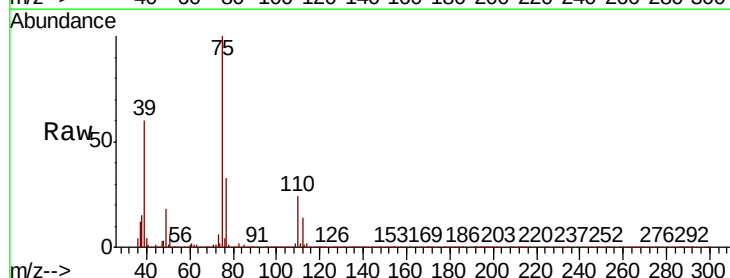
Instrument :
MSVOA_X
ClientSampleId :

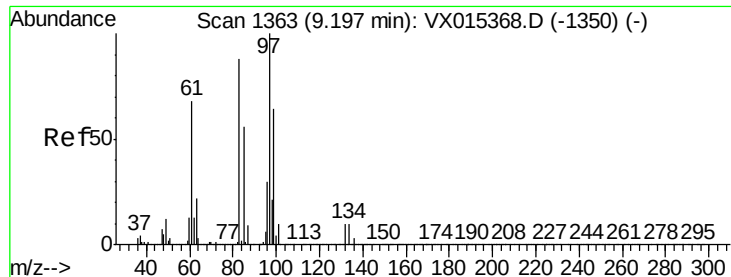
Tot Ion: 75 Resp: 308075
Ion Ratio Lower Upper
75 100
77 31.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 17.878 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion: 75 Resp: 332163
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.6
39 59.8 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 19.525 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 200590

Ion	Ratio	Lower	Upper
97	100		
83	91.1	70.2	105.4
85	57.8	44.7	67.1
99	65.0	51.1	76.7

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

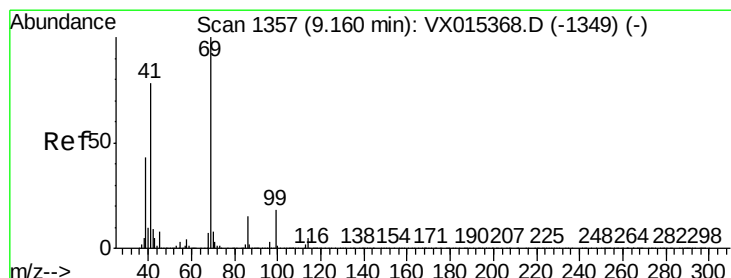
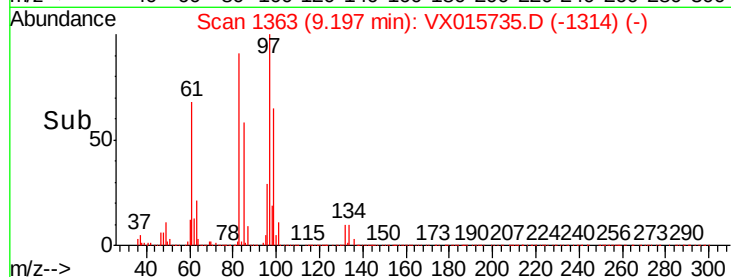
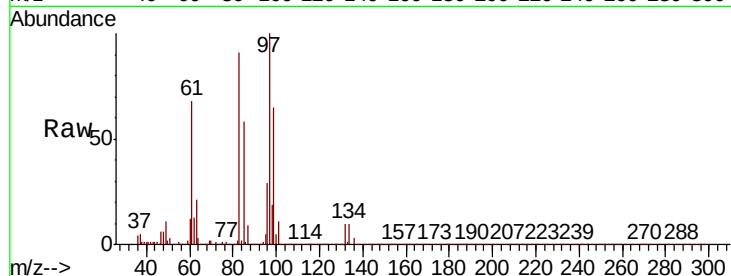
50000

0

9.20

9.10 9.15 9.20 9.25 9.30

Time-->



#56

Ethyl methacrylate

Concen: 17.815 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion: 69 Resp: 322556

Ion	Ratio	Lower	Upper
69	100		
41	73.7	61.6	92.4
39	38.8	34.0	51.0

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

250000

200000

150000

100000

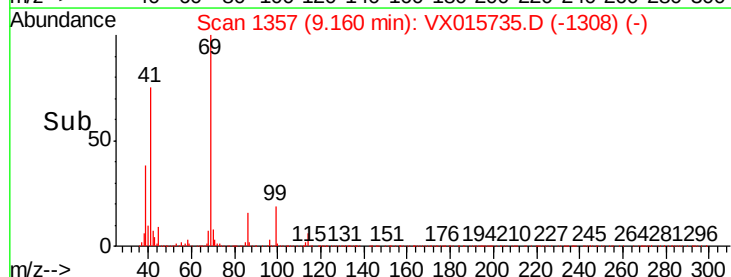
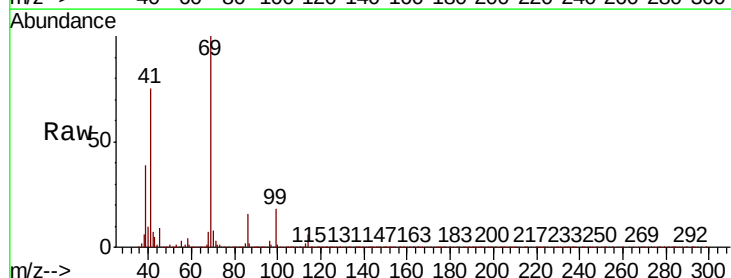
50000

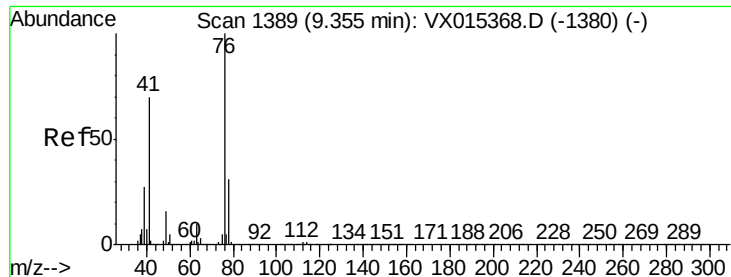
0

9.16

9.10 9.15 9.20 9.25 9.30

Time-->





#57

1,3-Dichloropropane

Concen: 18.553 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

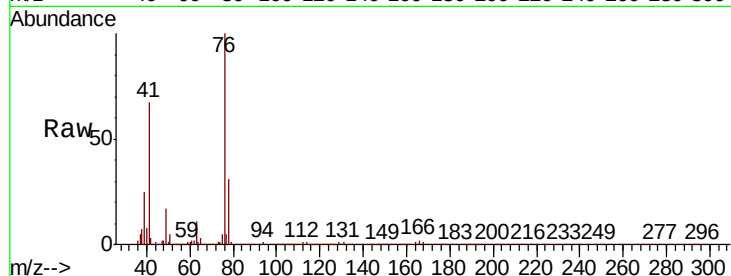
ClientSampleId :

Tot Ion: 76 Resp: 343405

Ion Ratio Lower Upper

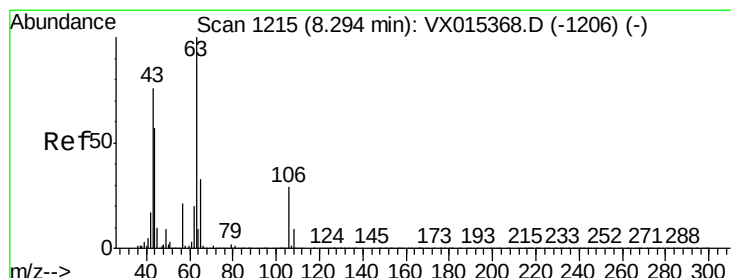
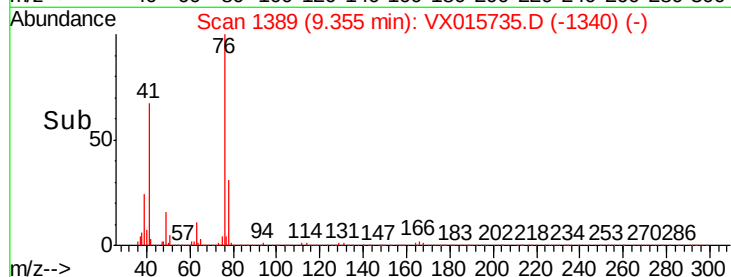
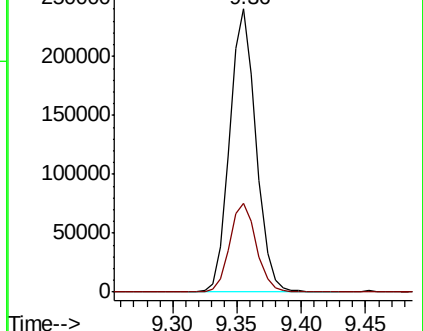
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.529 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015735.D

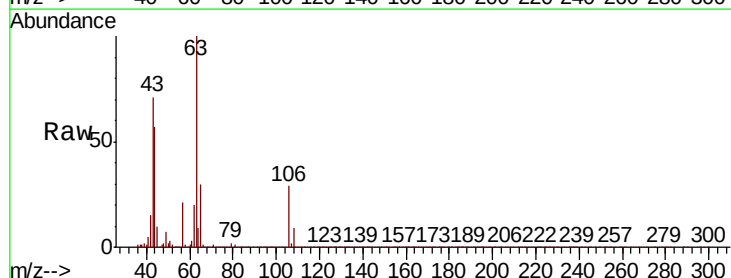
Acq: 17 Apr 2020 14:08

Tgt Ion: 63 Resp: 806062

Ion Ratio Lower Upper

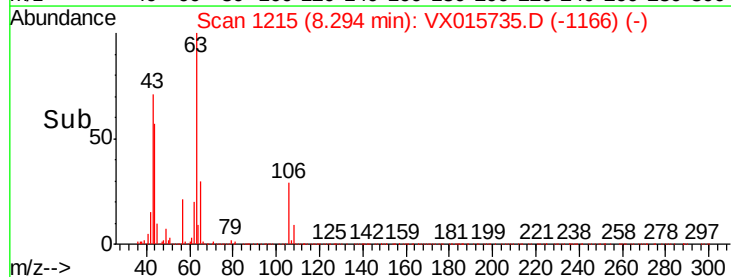
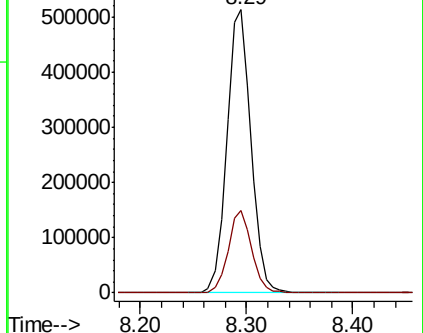
63 100

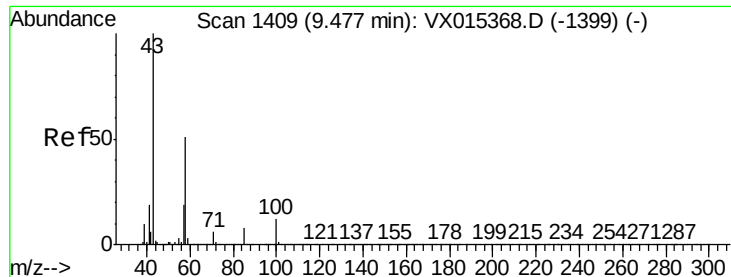
106 28.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

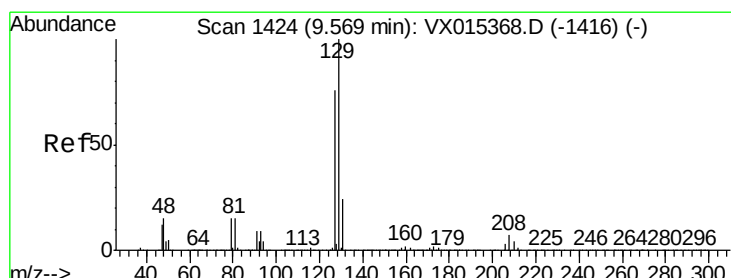
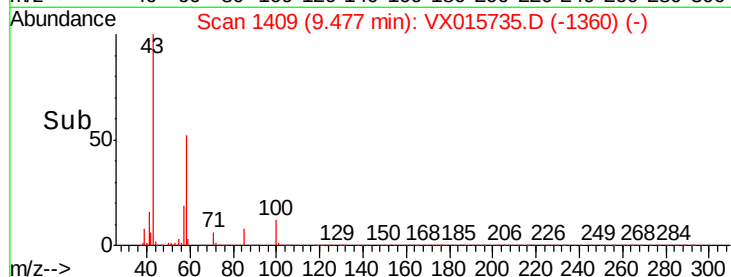
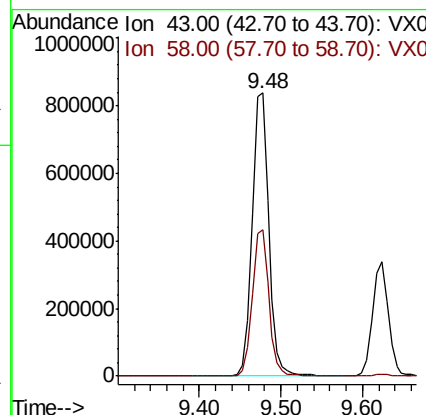
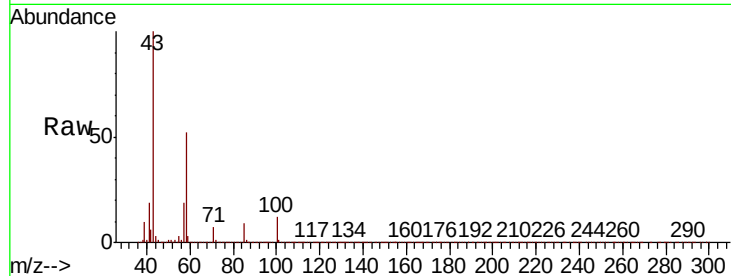




#59
2-Hexanone
Concen: 90.931 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

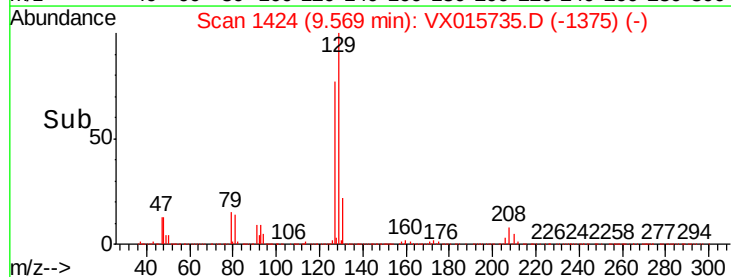
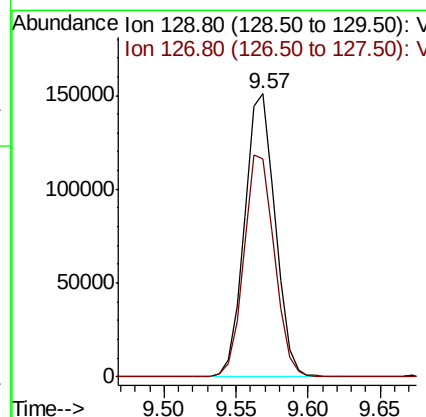
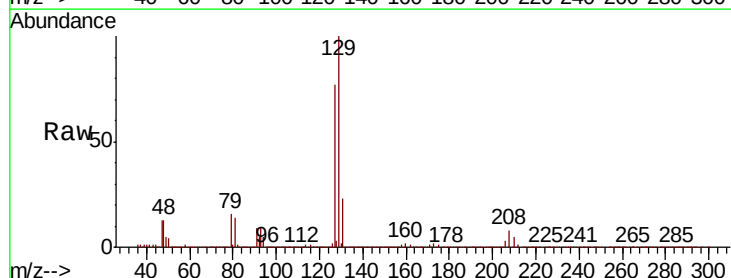
Instrument :
MSVOA_X
ClientSampleId :

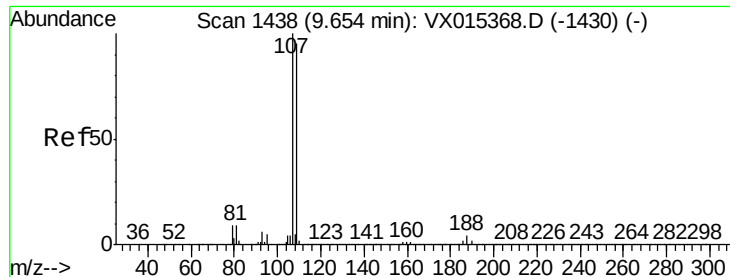
Tot Ion: 43 Resp: 1187357
Ion Ratio Lower Upper
43 100
58 51.7 25.6 76.6



#60
Dibromochloromethane
Concen: 17.982 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion: 129 Resp: 221982
Ion Ratio Lower Upper
129 100
127 78.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 18.496 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

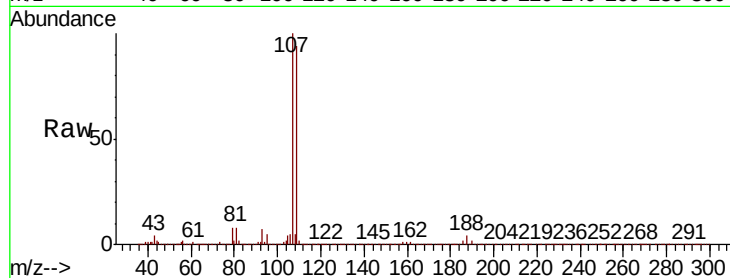
ClientSampleId :

Tot Ion: 107 Resp: 206611

Ion Ratio Lower Upper

107 100

109 94.1 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

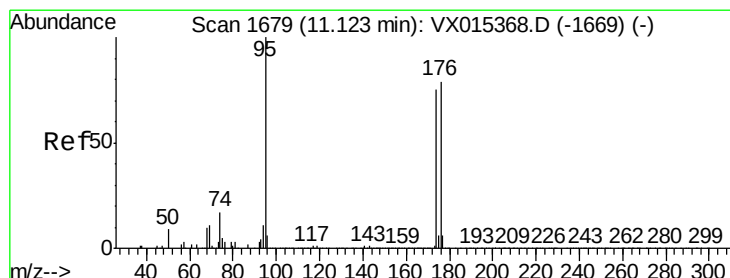
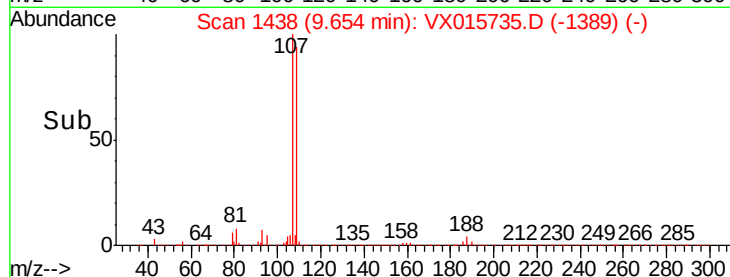
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.416 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

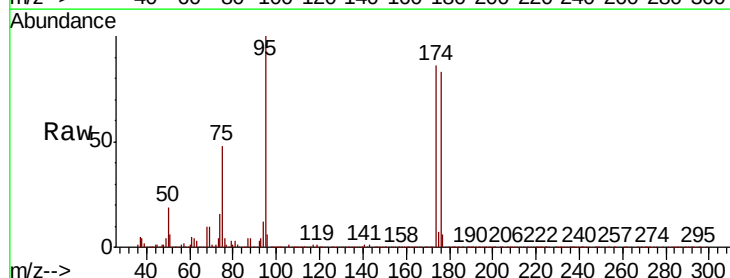
Tgt Ion: 95 Resp: 726640

Ion Ratio Lower Upper

95 100

174 85.1 0.0 158.6

176 84.3 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

800000

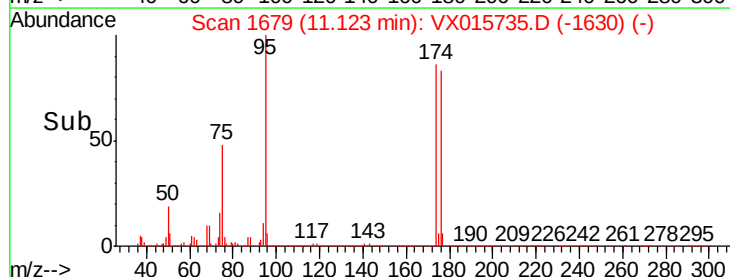
600000

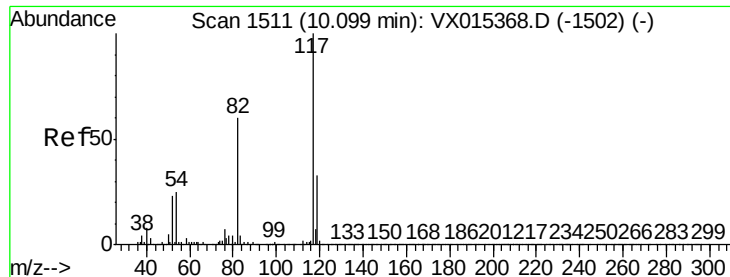
400000

200000

0

Time-->

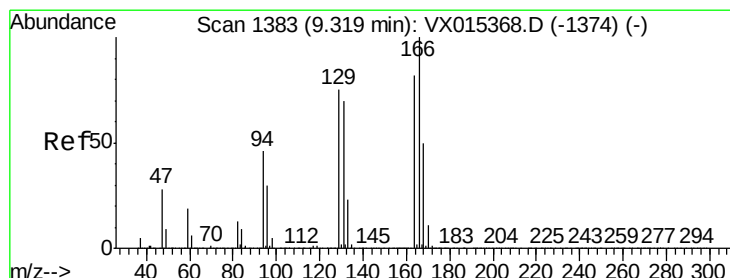
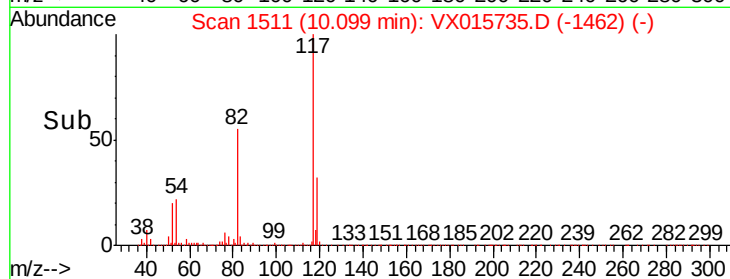
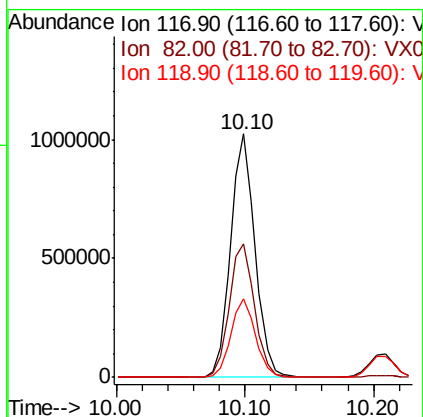
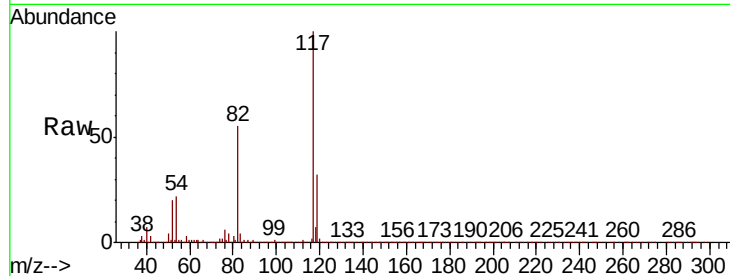




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

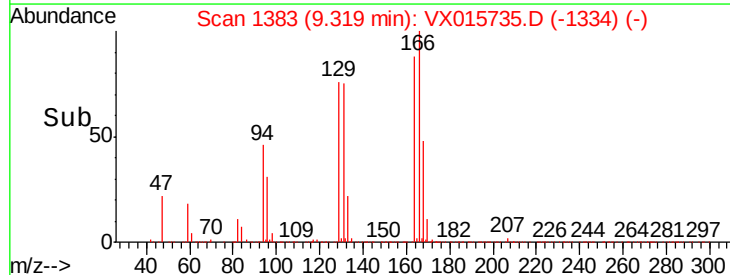
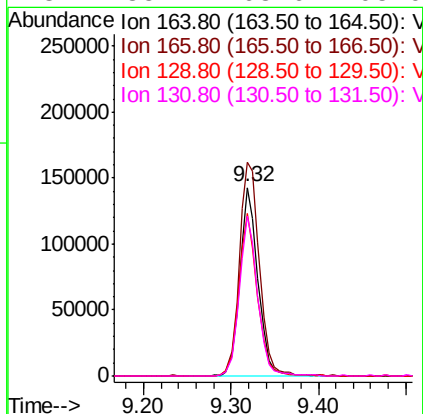
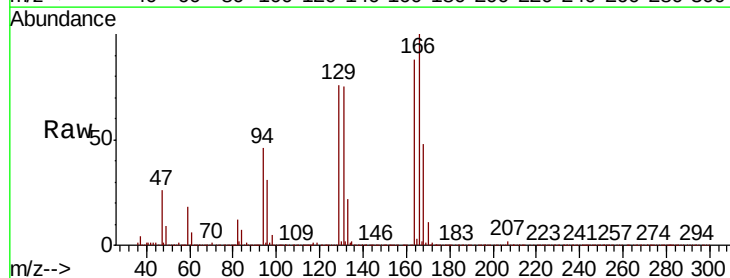
Instrument :
MSVOA_X
ClientSampleId :

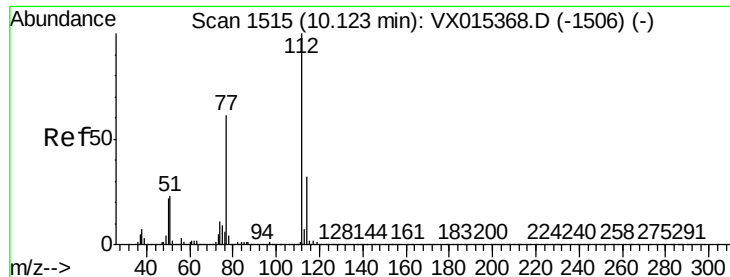
Tot Ion:117 Resp: 1360281
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.8
119 32.5 26.8 40.2



#64
Tetrachloroethene
Concen: 20.087 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion:164 Resp: 206203
Ion Ratio Lower Upper
164 100
166 113.5 97.8 146.6
129 86.1 73.0 109.4
131 85.2 68.6 103.0

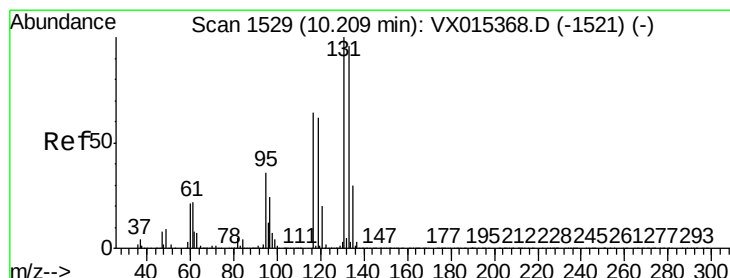
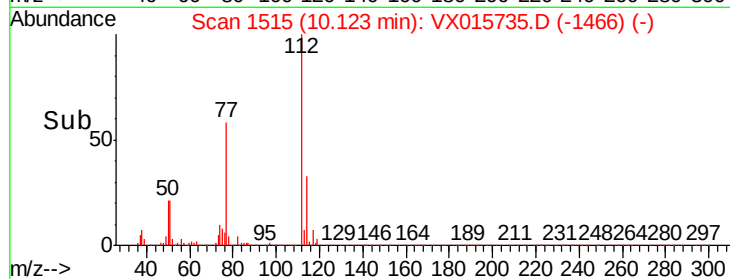
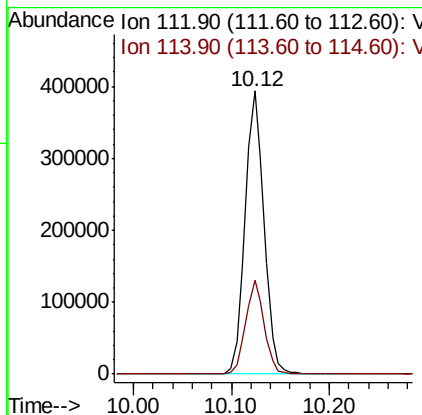
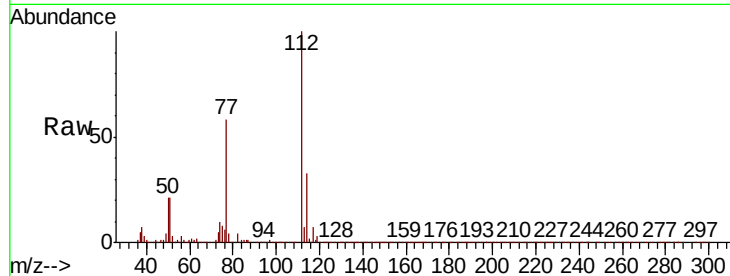




#65
Chlorobenzene
Concen: 19.574 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

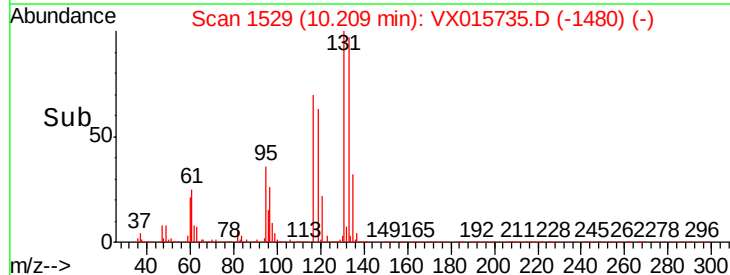
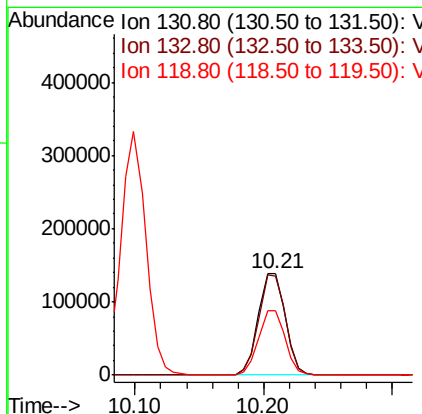
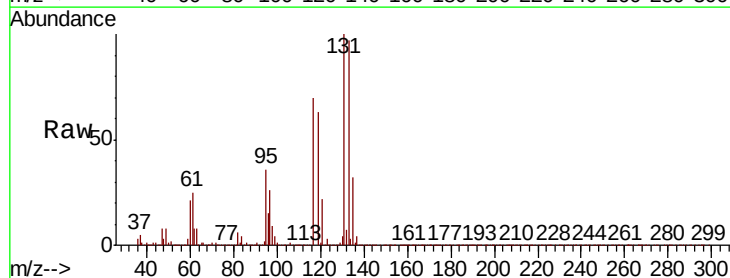
Instrument :
MSVOA_X
ClientSampleId :

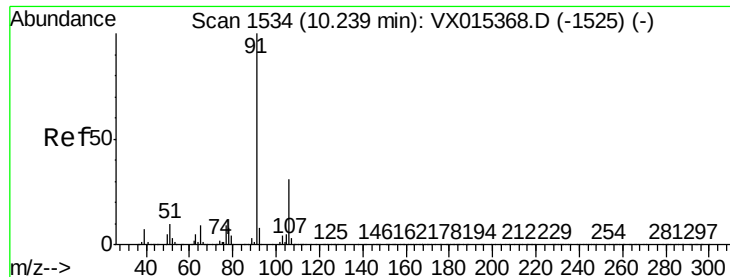
Tot Ion:112 Resp: 530997
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.594 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion:131 Resp: 201521
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 62.6 31.1 93.3





#67

Ethyl Benzene

Concen: 19.052 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

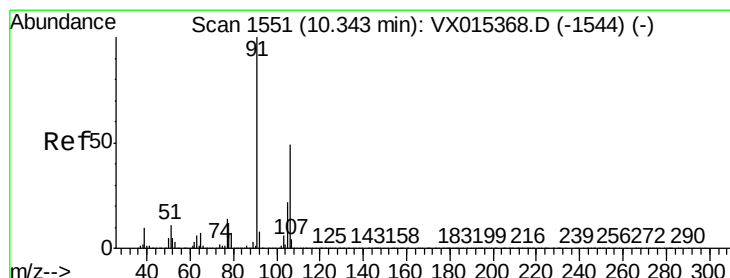
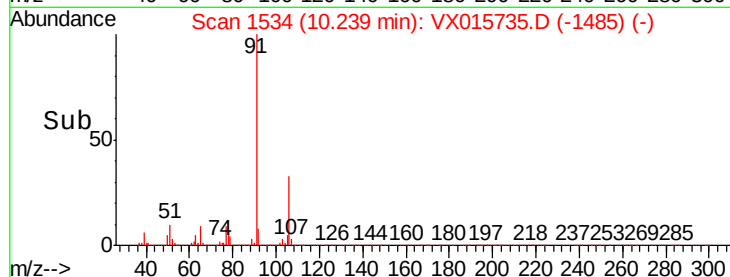
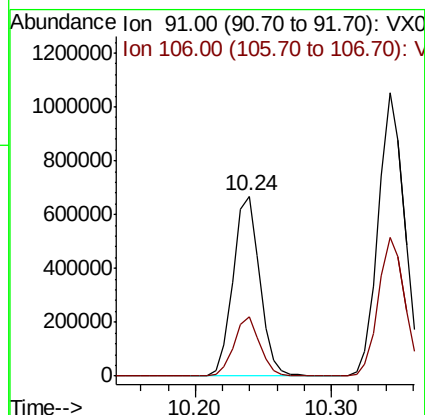
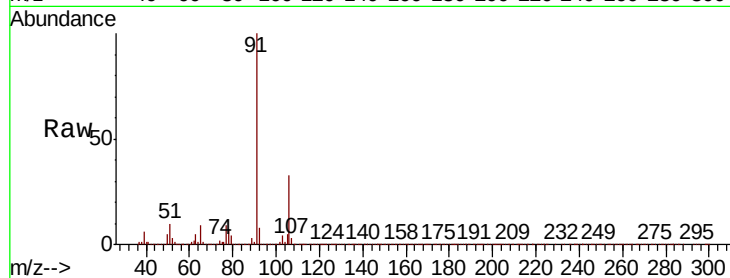
ClientSampled :

Tot Ion: 91 Resp: 916685

Ion Ratio Lower Upper

91 100

106 32.7 24.8 37.2



#68

m/p-Xylenes

Concen: 39.113 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015735.D

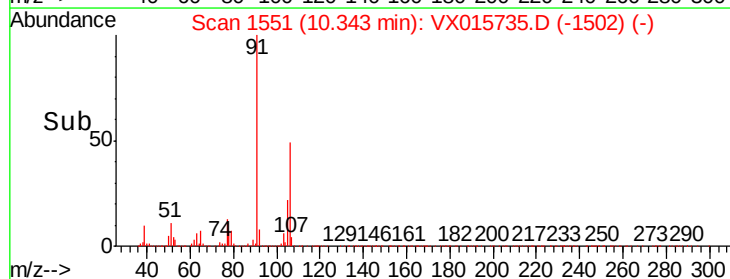
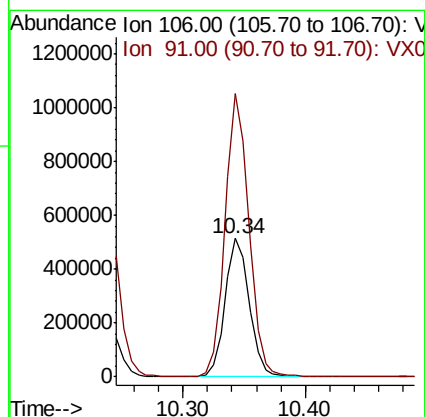
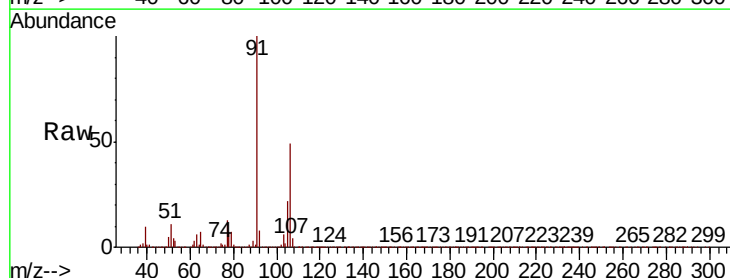
Acq: 17 Apr 2020 14:08

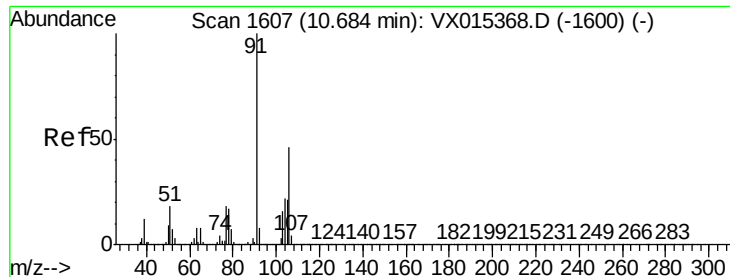
Tgt Ion: 106 Resp: 700756

Ion Ratio Lower Upper

106 100

91 201.9 163.4 245.0

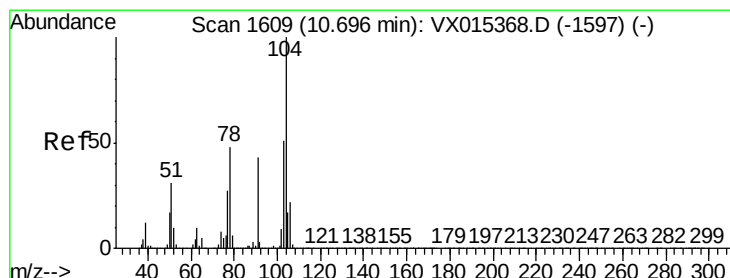
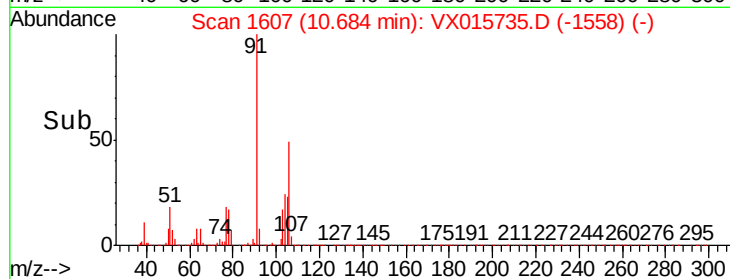
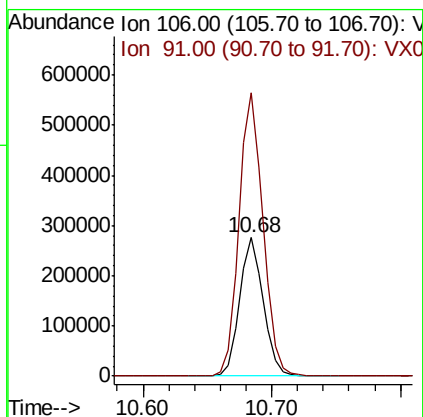
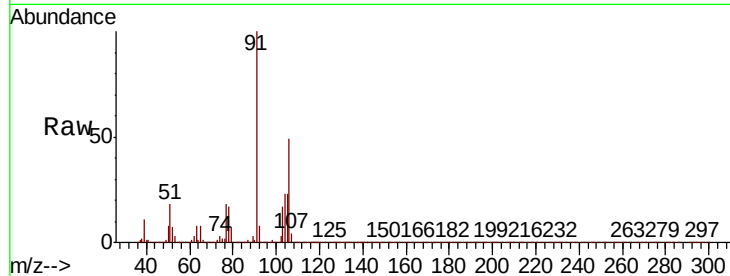




#69
o-Xylene
Concen: 19.753 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

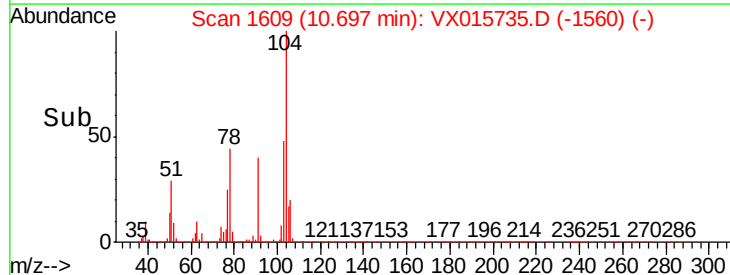
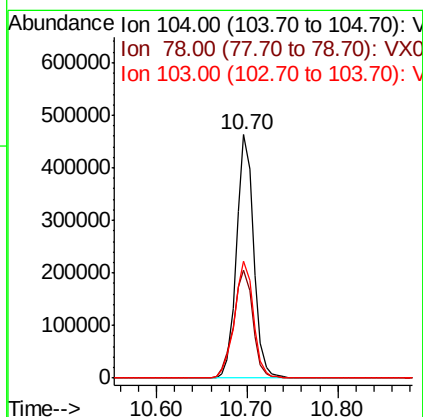
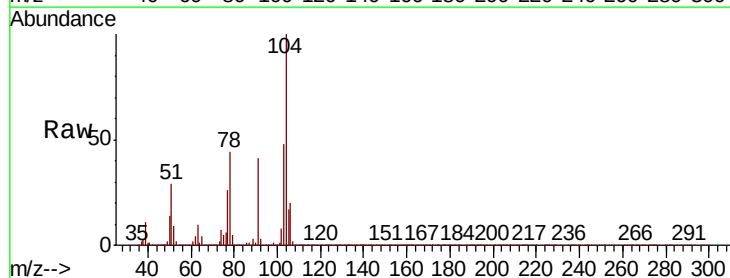
Instrument :
MSVOA_X
ClientSampleId :

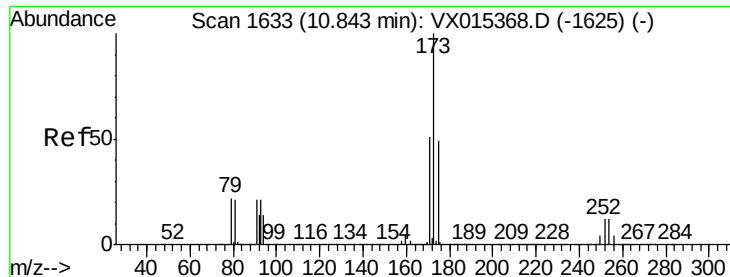
Tot Ion:106 Resp: 349711
Ion Ratio Lower Upper
106 100
91 207.8 107.1 321.3



#70
Styrene
Concen: 19.514 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion:104 Resp: 607915
Ion Ratio Lower Upper
104 100
78 50.4 42.0 63.0
103 52.8 43.4 65.0





#71

Bromoform

Concen: 17.320 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

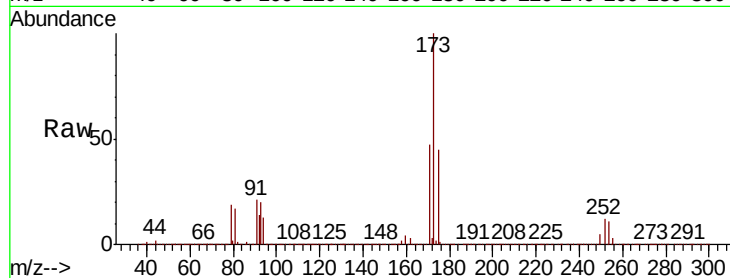
Tot Ion:173 Resp: 170876

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.7

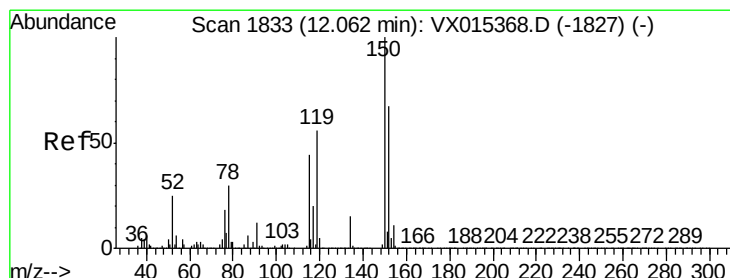
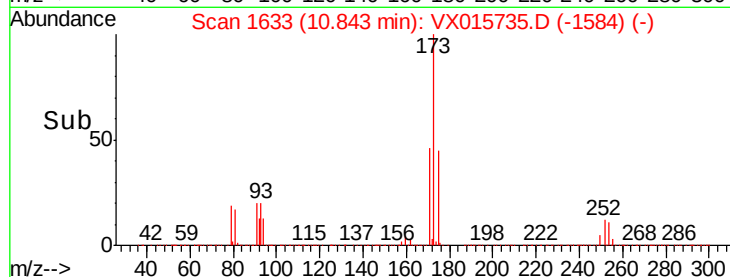
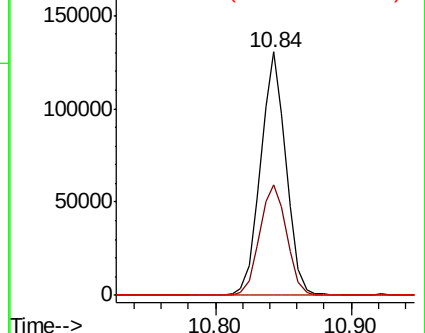
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

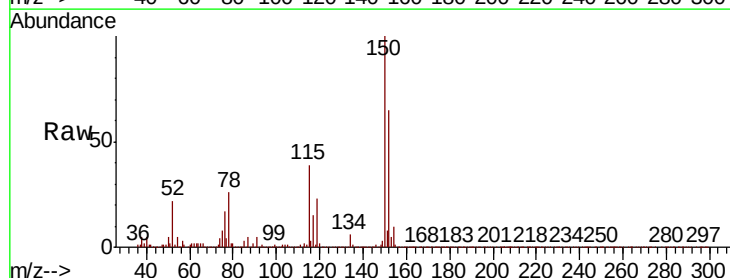
Tgt Ion:152 Resp: 738913

Ion Ratio Lower Upper

152 100

115 64.2 39.0 116.9

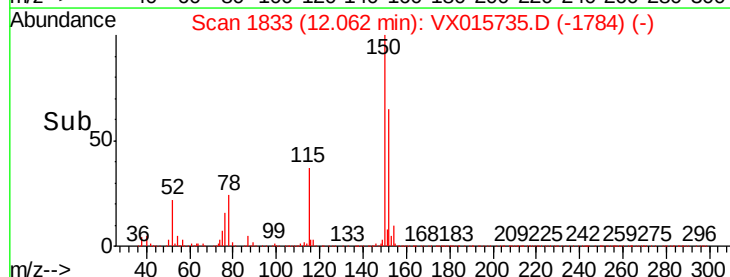
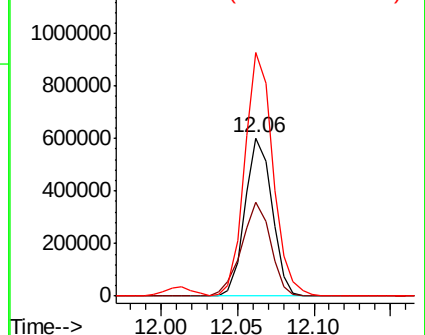
150 160.2 0.0 340.8

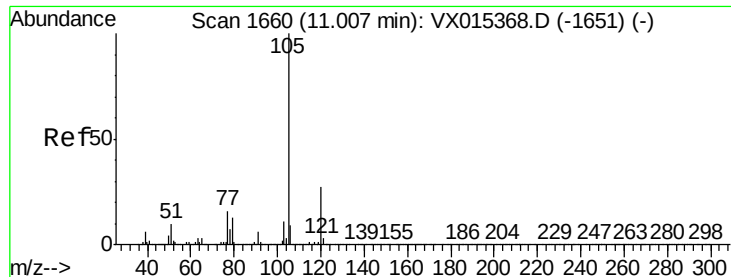


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.117 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

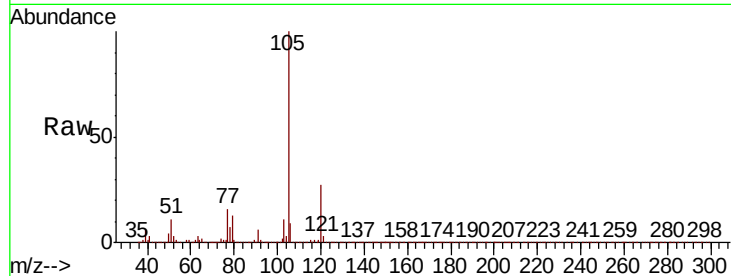
ClientSampleId :

Tot Ion:105 Resp: 925572

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

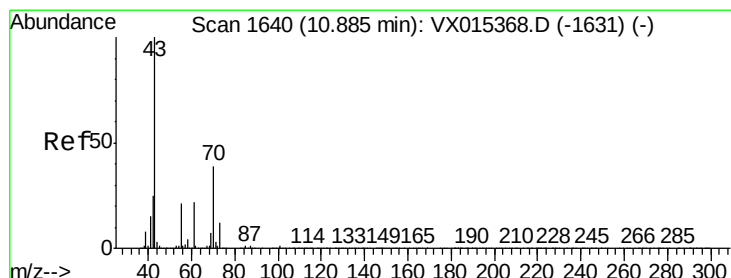
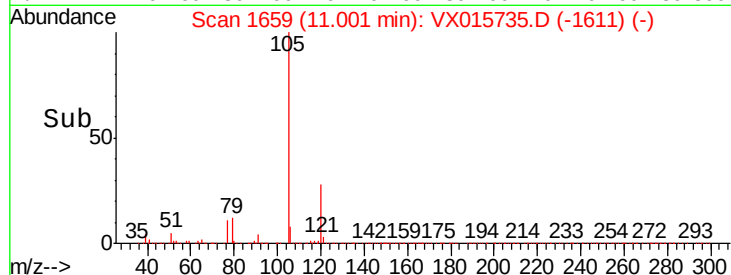
200000

0

11.00

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 16.331 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Tgt Ion: 43 Resp: 439747

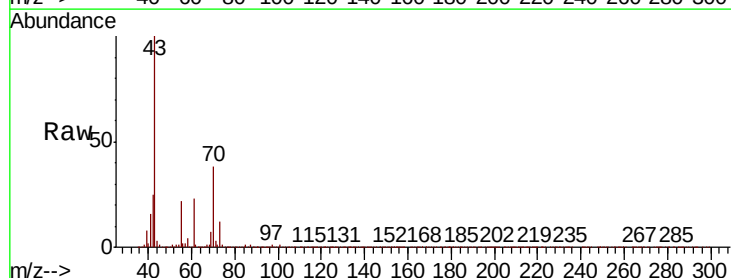
Ion Ratio Lower Upper

43 100

70 40.5 30.2 45.4

55 22.3 16.8 25.2

61 23.1 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

300000

200000

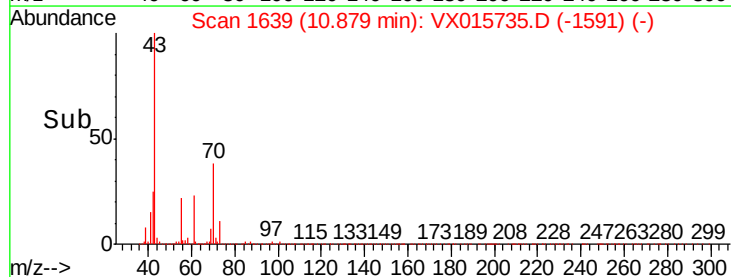
100000

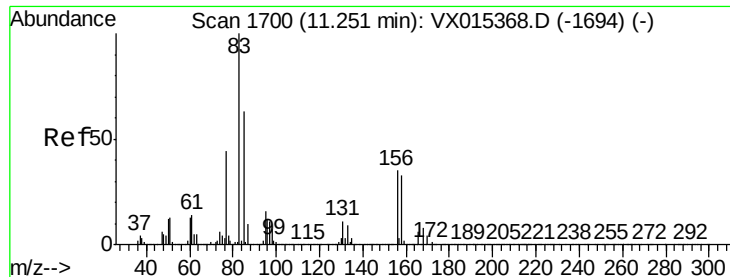
0

10.88

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.098 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

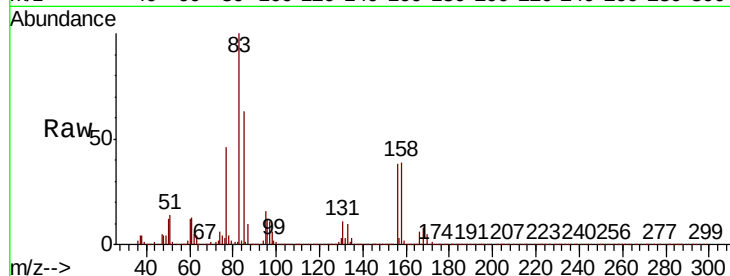
Tot Ion: 83 Resp: 300657

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

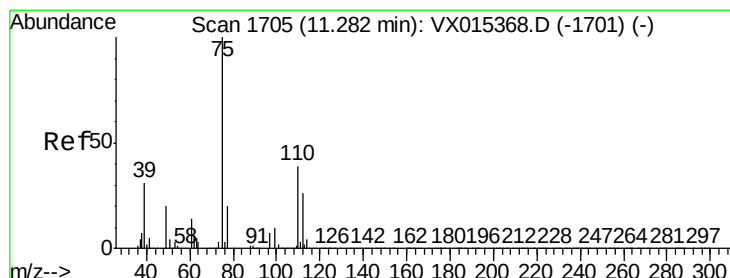
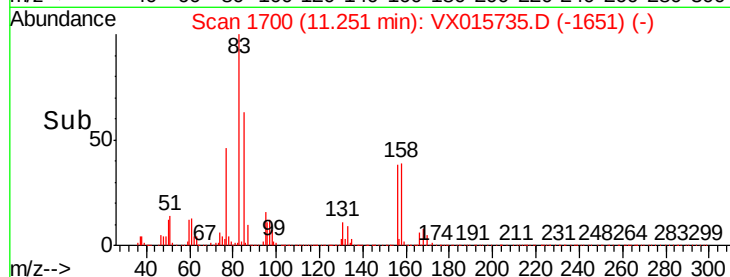
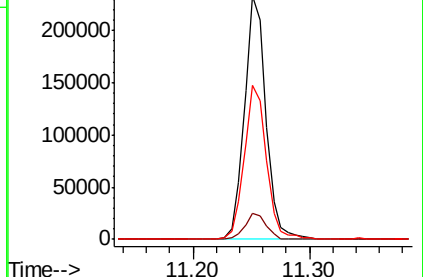
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.340 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015735.D

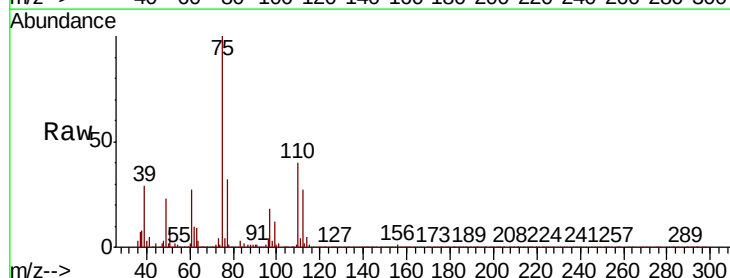
Acq: 17 Apr 2020 14:08

Tgt Ion: 75 Resp: 339460

Ion Ratio Lower Upper

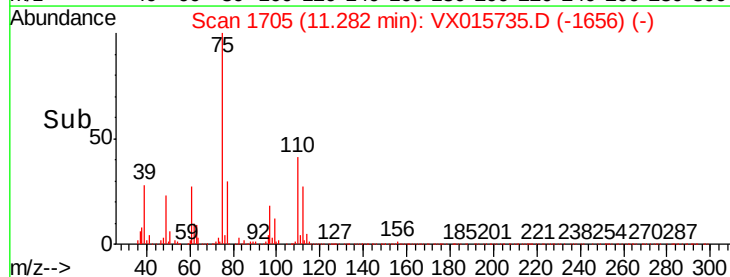
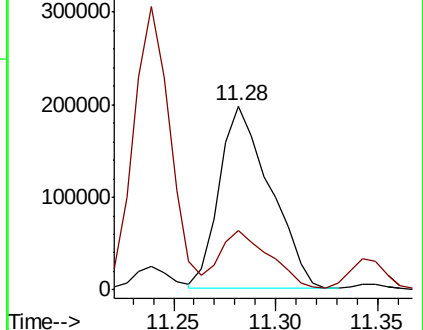
75 100

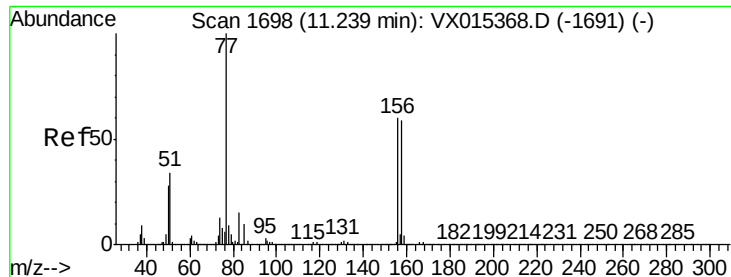
77 32.2 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.492 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

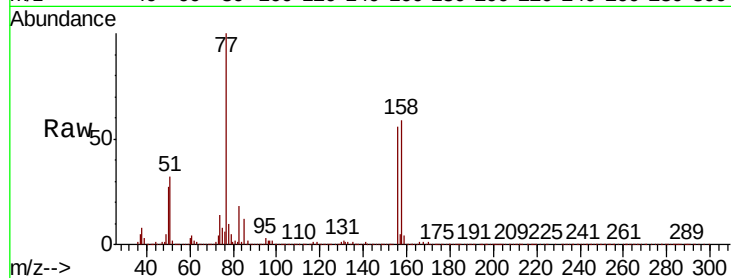
Tot Ion:156 Resp: 238809

Ion Ratio Lower Upper

156 100

77 159.9 82.2 246.5

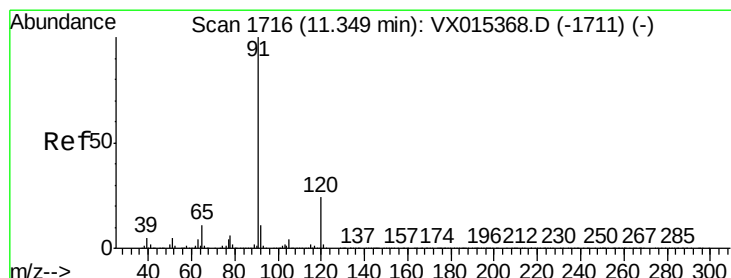
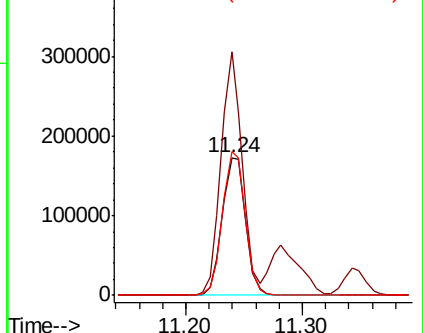
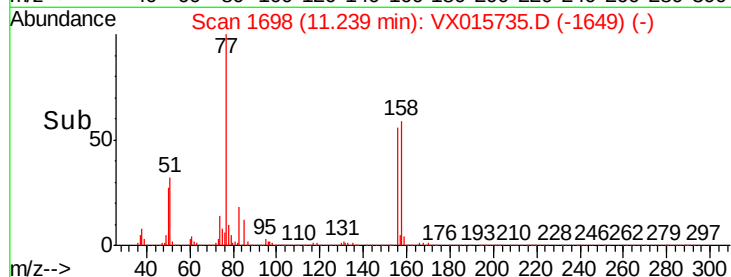
158 101.9 49.3 147.9



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: 18.986 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015735.D

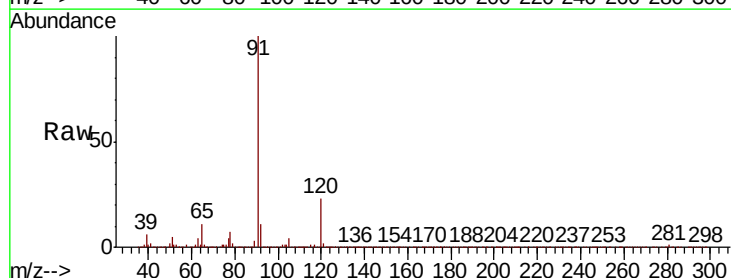
Acq: 17 Apr 2020 14:08

Tgt Ion: 91 Resp: 1051070

Ion Ratio Lower Upper

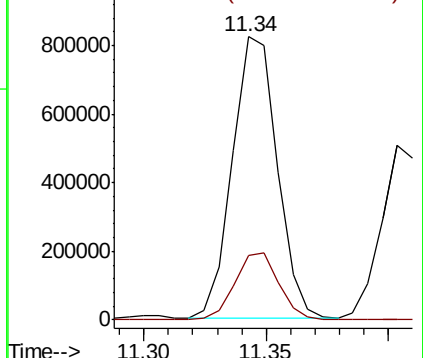
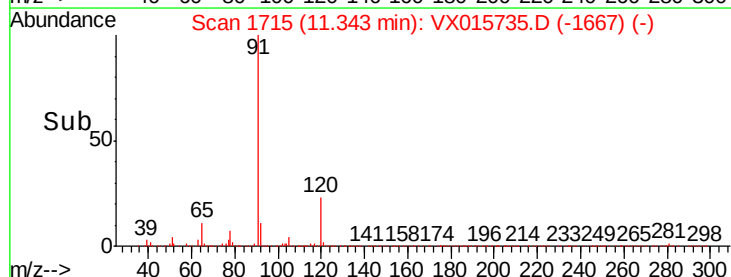
91 100

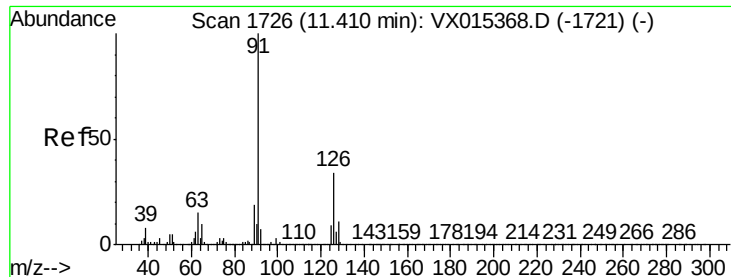
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.579 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

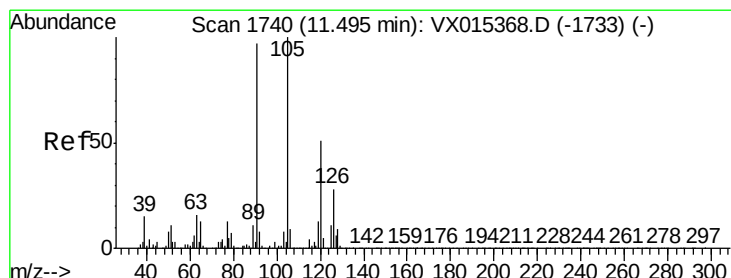
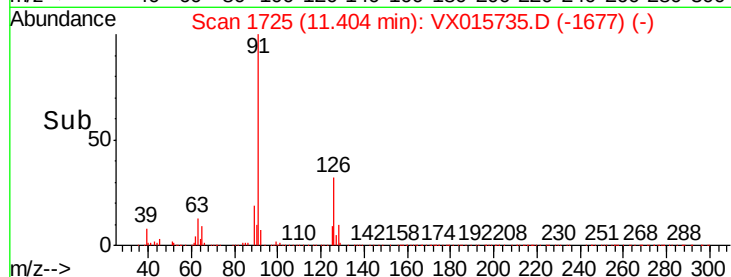
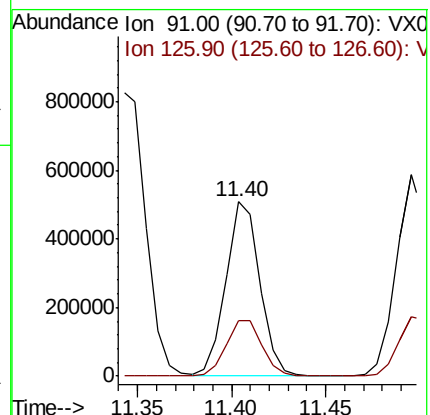
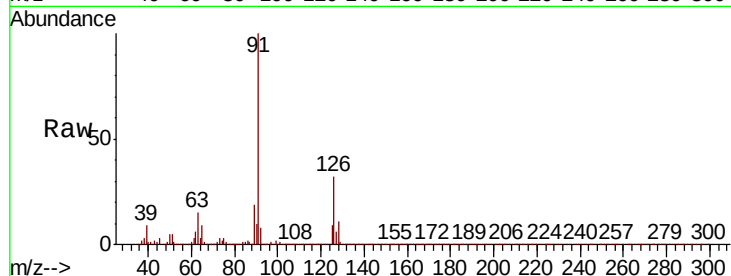
ClientSampleId :

Tot Ion: 91 Resp: 630413

Ion Ratio Lower Upper

91 100

126 34.5 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 19.262 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015735.D

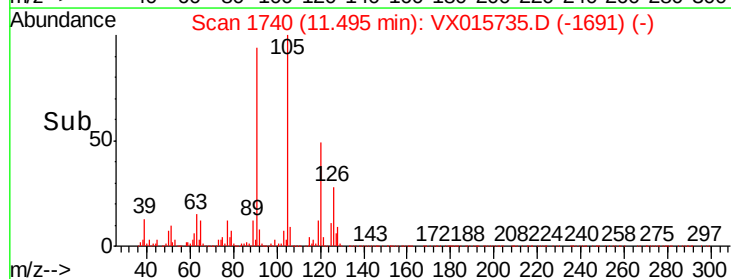
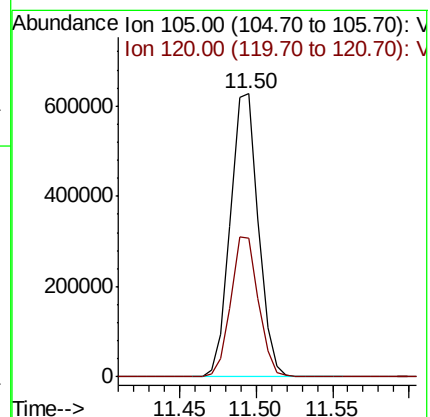
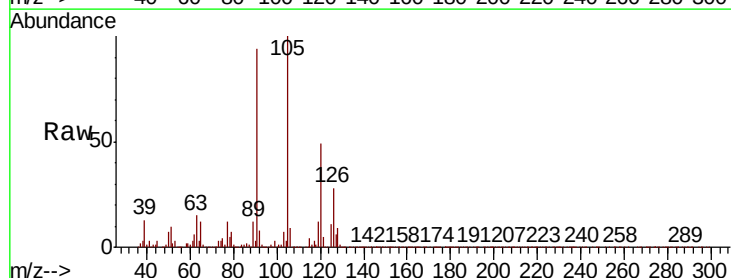
Acq: 17 Apr 2020 14:08

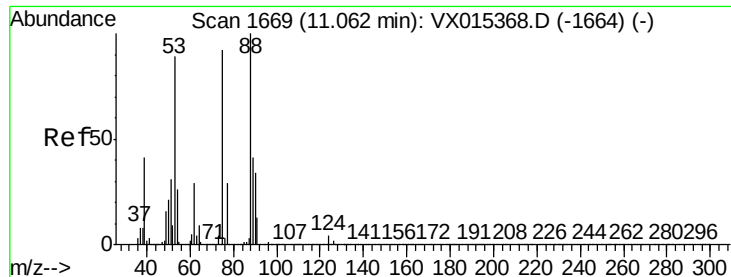
Tgt Ion: 105 Resp: 796429

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4

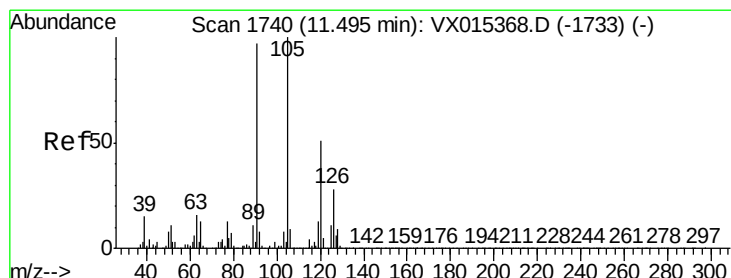
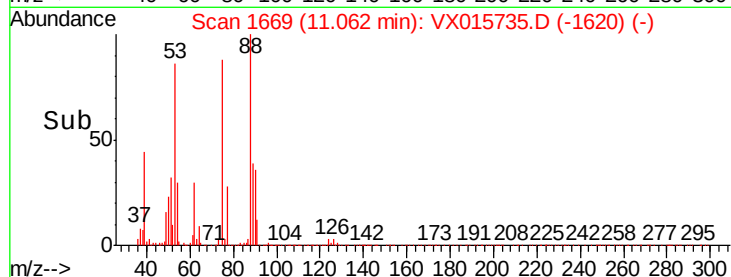
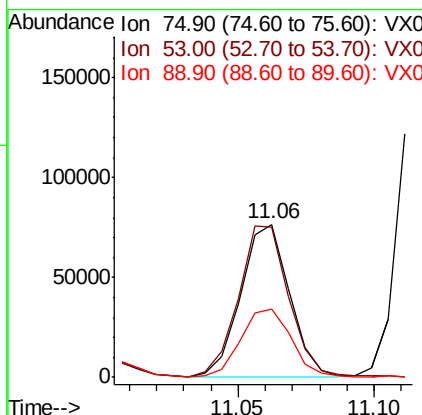
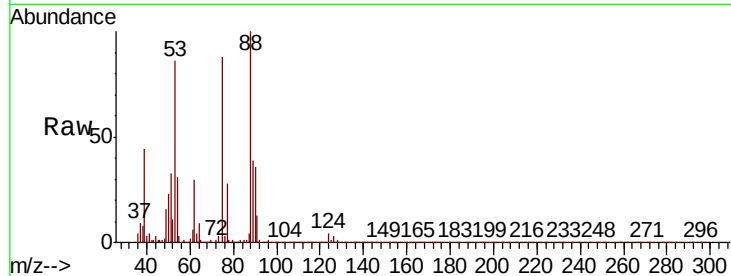




#81
trans-1,4-Dichloro-2-butene
Concen: 14.927 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

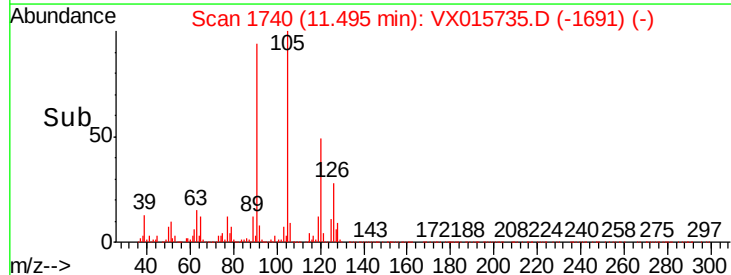
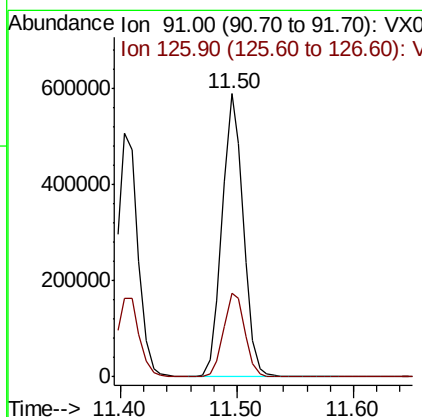
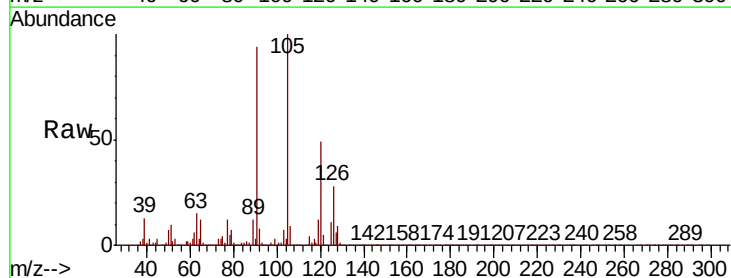
Instrument :
MSVOA_X
ClientSampleId :

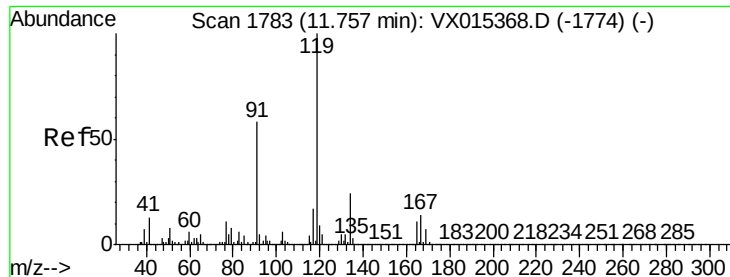
Tot Ion: 75 Resp: 94528
Ion Ratio Lower Upper
75 100
53 101.9 80.1 120.1
89 45.5 36.1 54.1



#82
4-Chlorotoluene
Concen: 18.494 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion: 91 Resp: 735660
Ion Ratio Lower Upper
91 100
126 30.0 14.7 44.1

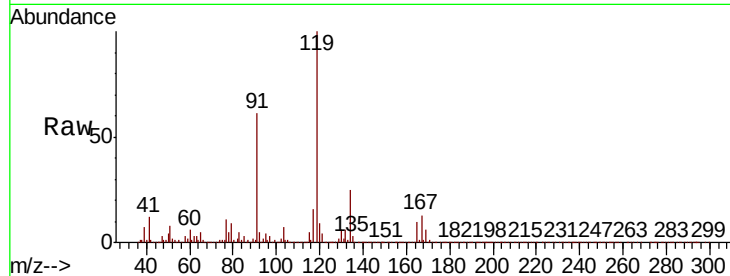




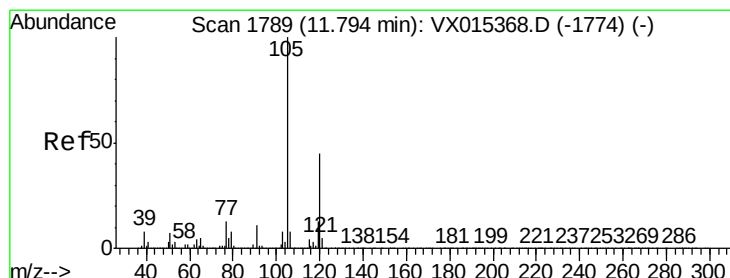
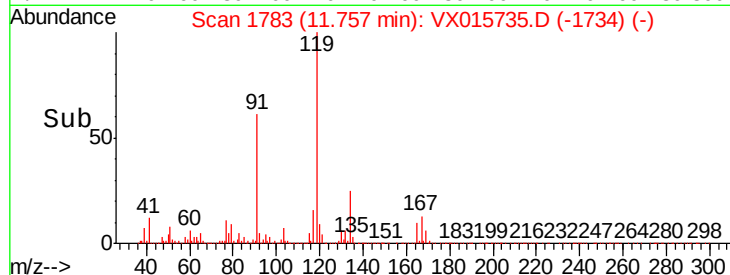
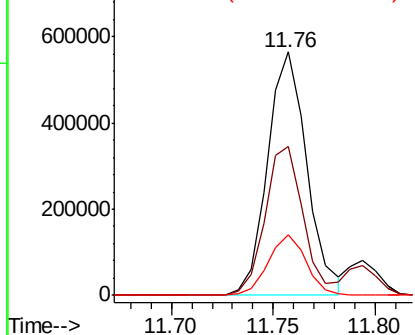
#83
 tert-Butylbenzene
 Concen: 18.771 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	28.6	85.8
134	23.9	11.8	35.3

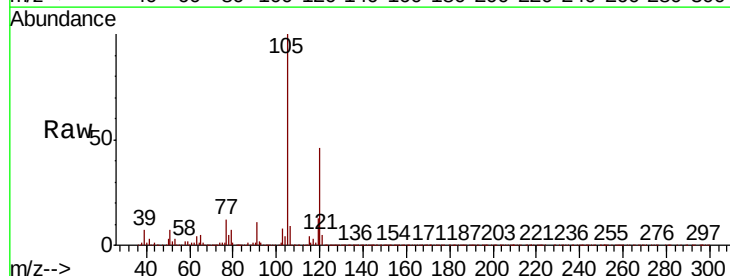


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

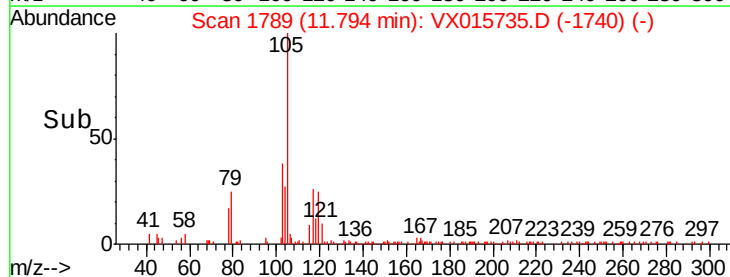
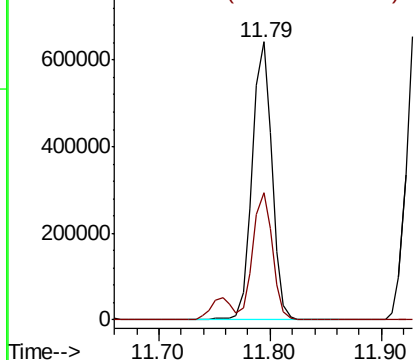


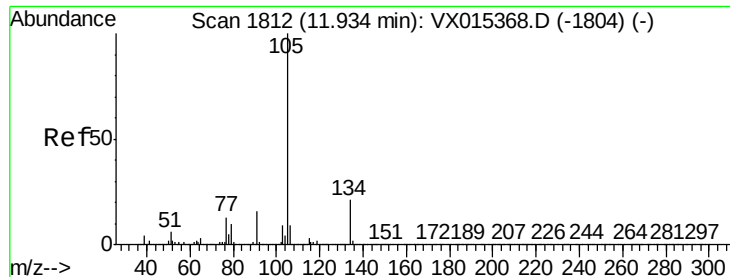
#84
 1,2,4-Trimethylbenzene
 Concen: 18.783 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	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: 19.260 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

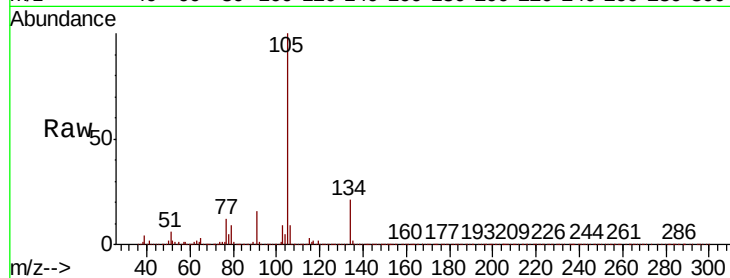
ClientSampleId :

Tot Ion:105 Resp: 899644

Ion Ratio Lower Upper

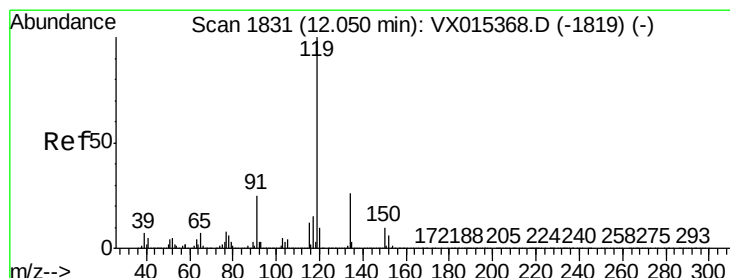
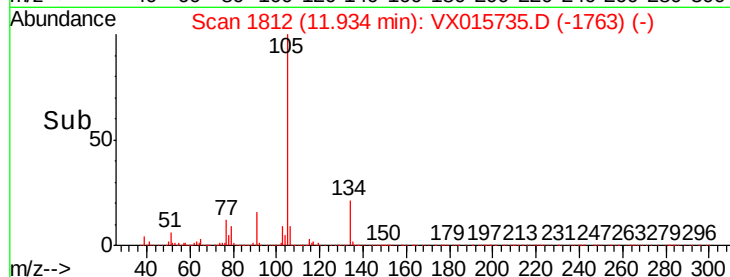
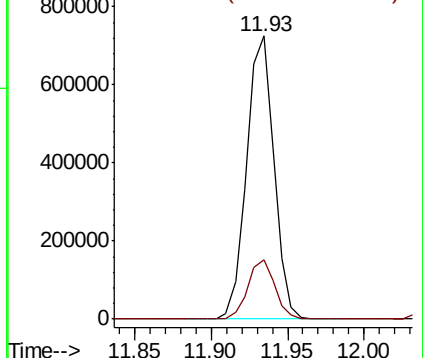
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.096 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

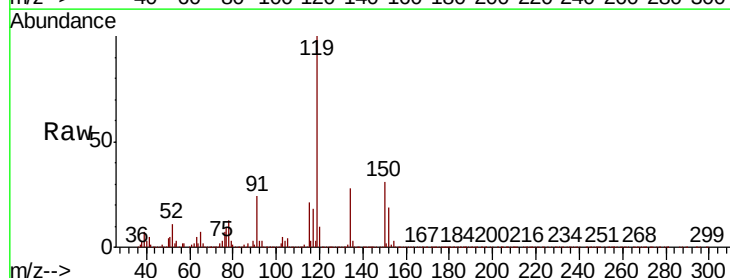
Tgt Ion:119 Resp: 828066

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

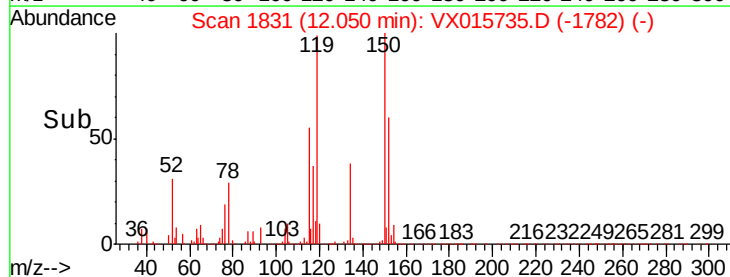
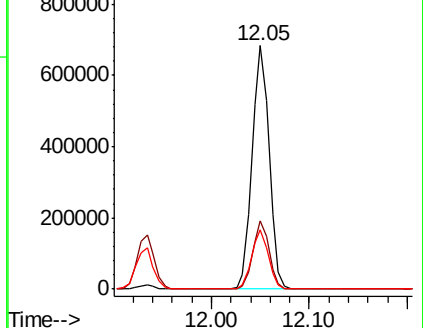
91 23.8 12.4 37.4

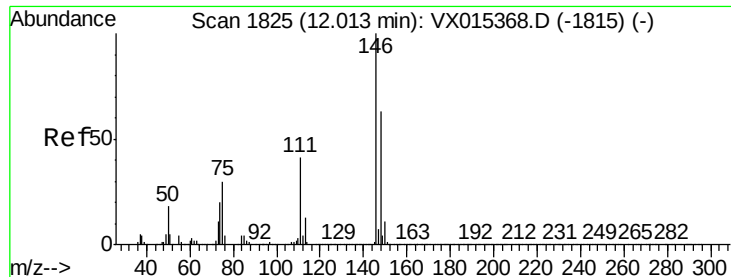


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

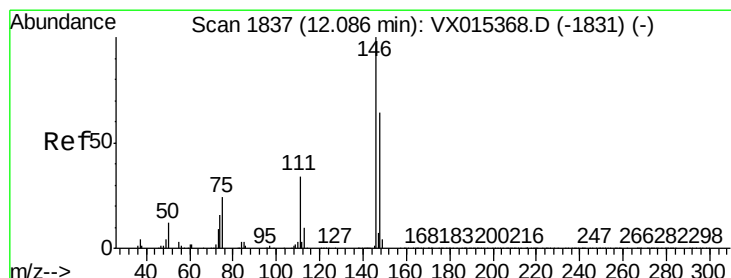
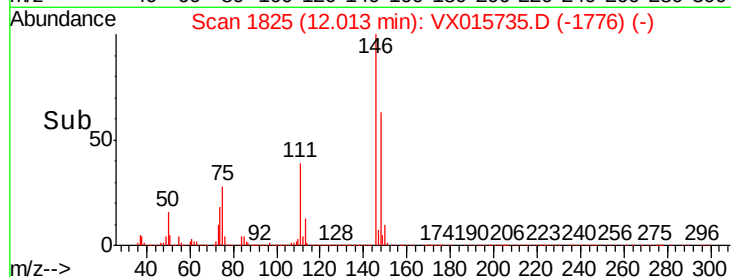
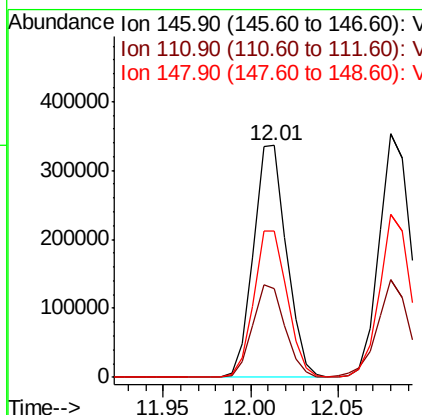
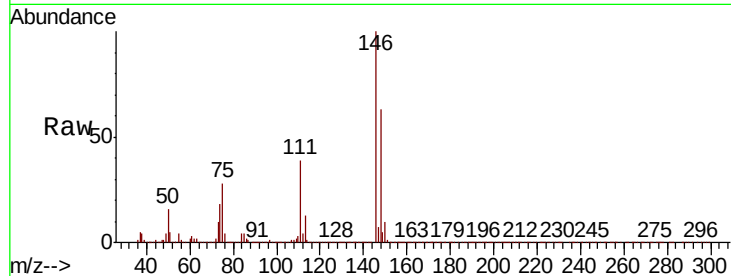




#87
 1,3-Dichlorobenzene
 Concen: 19.181 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

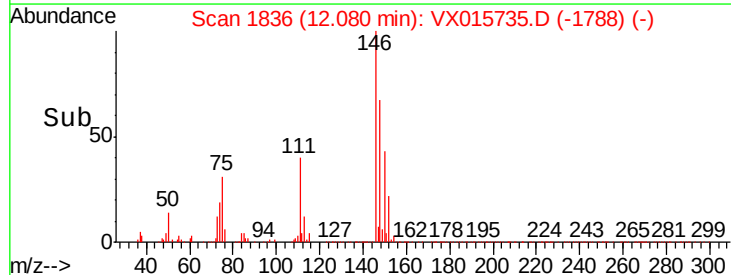
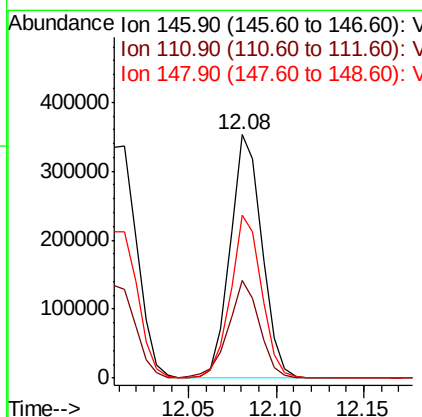
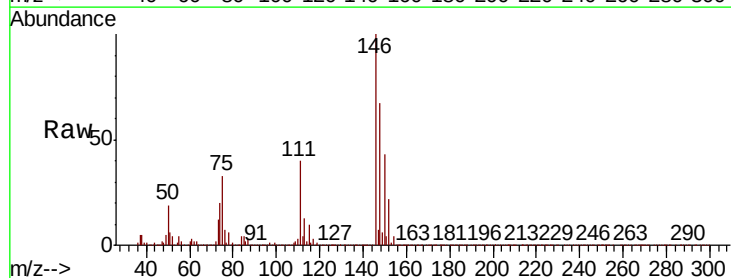
Instrument :
 MSVOA_X
 ClientSampled :

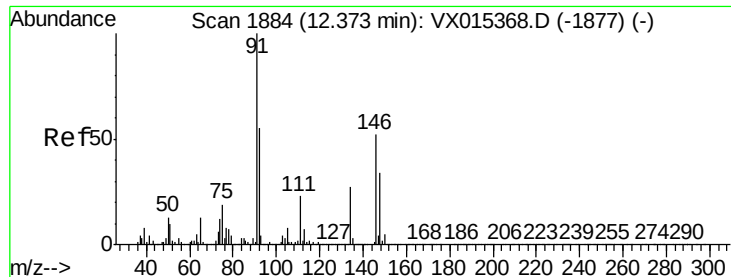
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.9
148	63.3	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 18.808 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.5
148	65.3	32.4	97.2





#89

n-Butylbenzene

Concen: 18.933 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

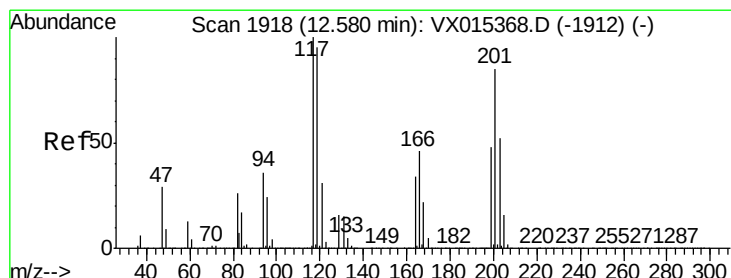
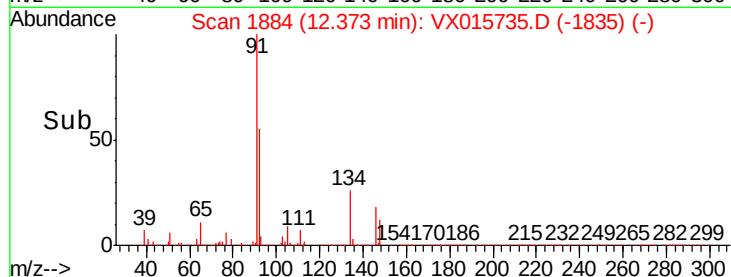
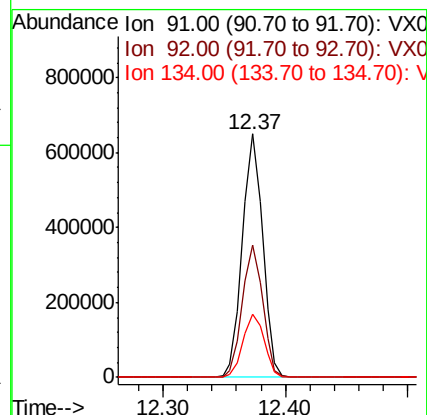
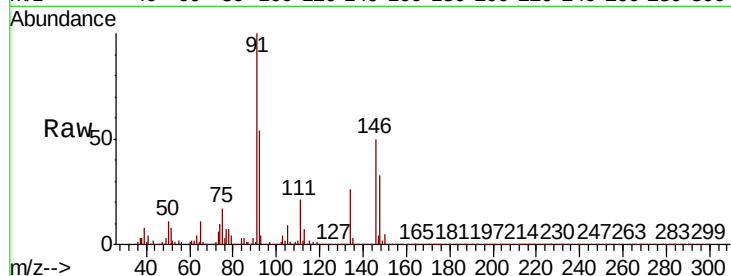
Tot Ion: 91 Resp: 741934

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.5

134 27.4 13.4 40.2



#90

Hexachloroethane

Concen: 16.456 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015735.D

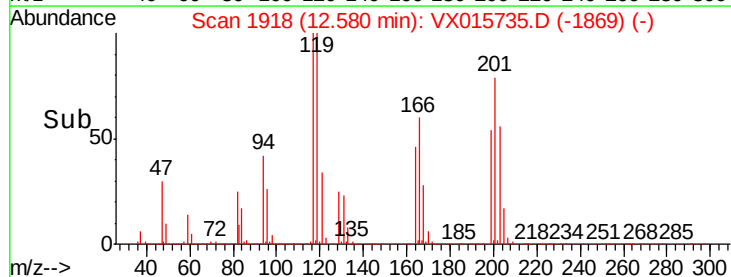
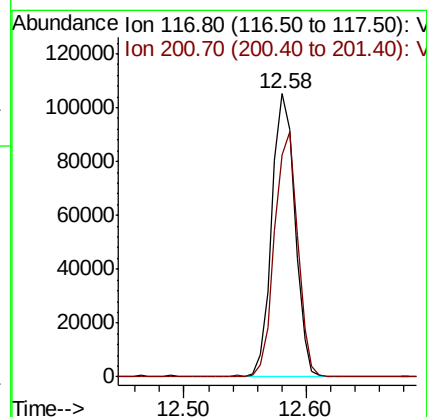
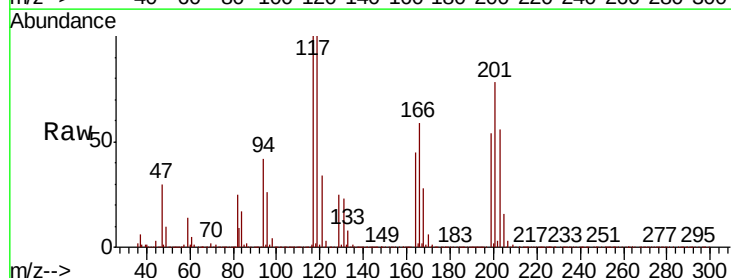
Acq: 17 Apr 2020 14:08

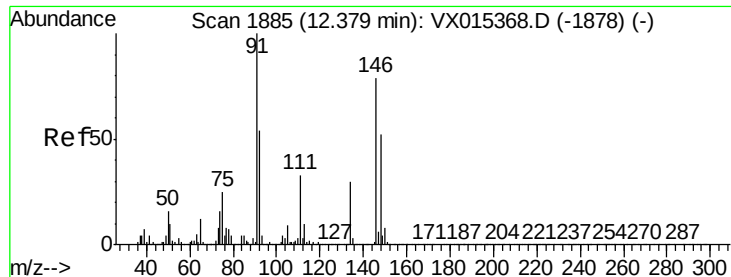
Tgt Ion: 117 Resp: 138891

Ion Ratio Lower Upper

117 100

201 86.1 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 19.434 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

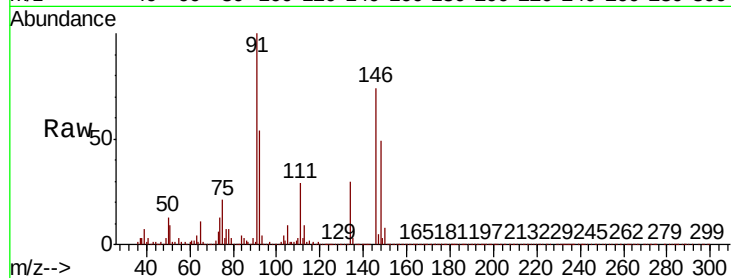
Tot Ion:146 Resp: 439686

Ion Ratio Lower Upper

146 100

111 40.6 21.0 63.0

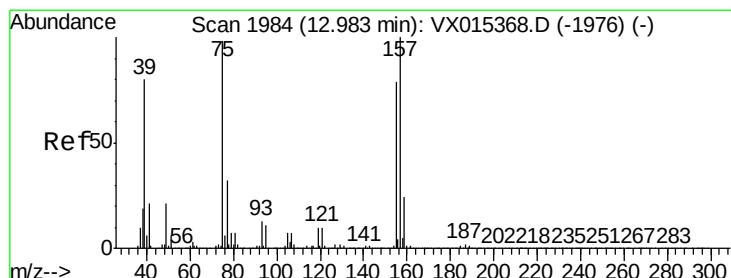
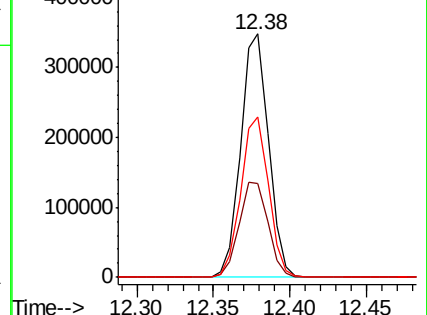
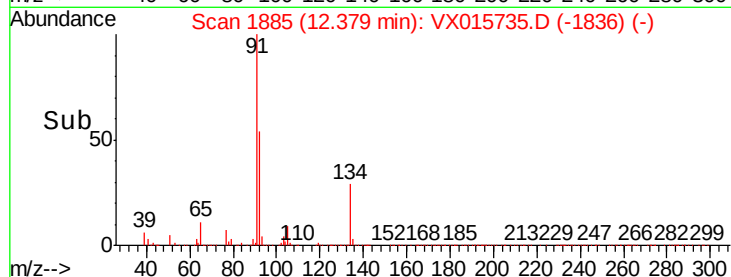
148 65.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.388 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015735.D

Acq: 17 Apr 2020 14:08

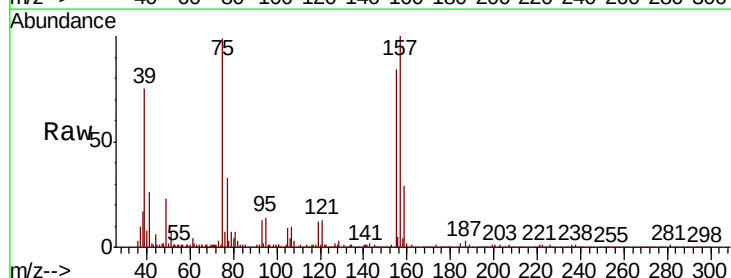
Tgt Ion: 75 Resp: 67466

Ion Ratio Lower Upper

75 100

155 90.4 42.8 128.4

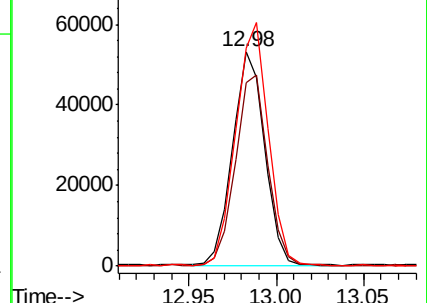
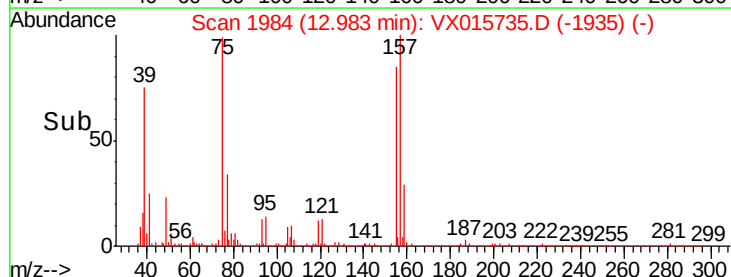
157 117.0 53.4 160.3

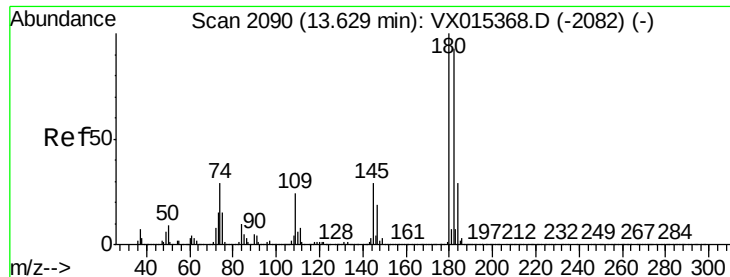


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

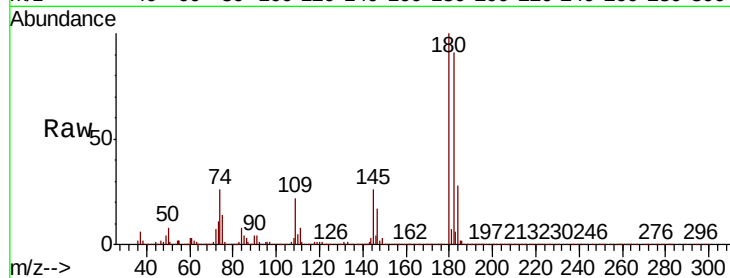




#93
 1,2,4-Trichlorobenzene
 Concen: 19.127 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.7
145	27.9	14.9	44.5

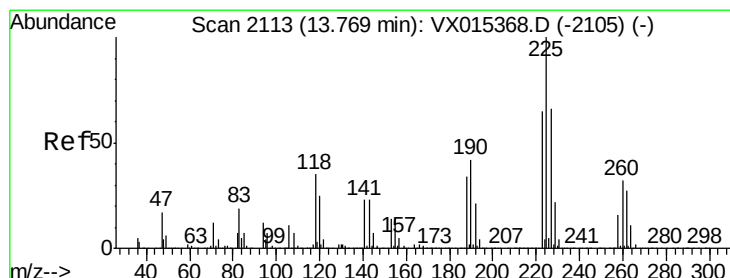
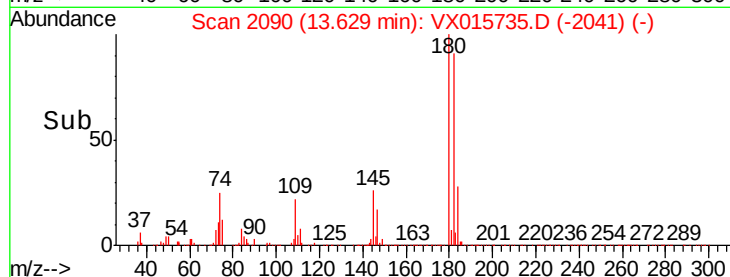
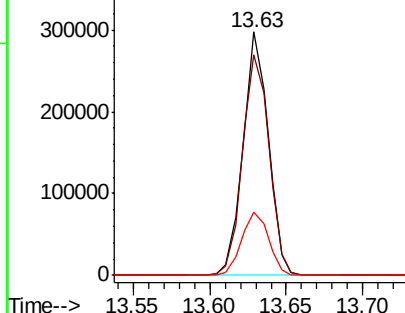


Abundance

Ion 179.80 (179.50 to 180.50): V

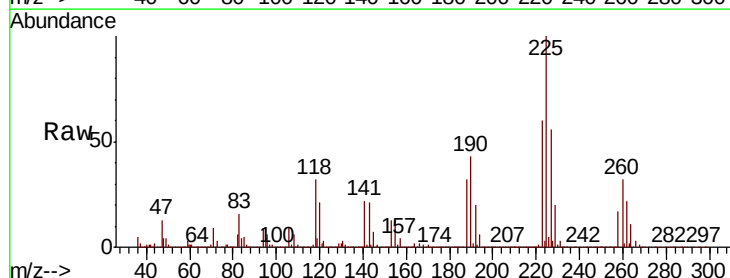
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.324 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015735.D
 Acq: 17 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.9	95.7
227	61.7	30.4	91.3

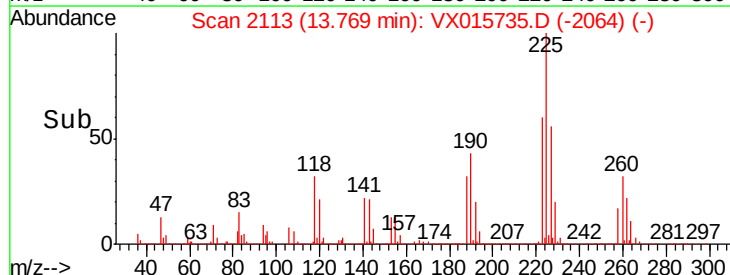
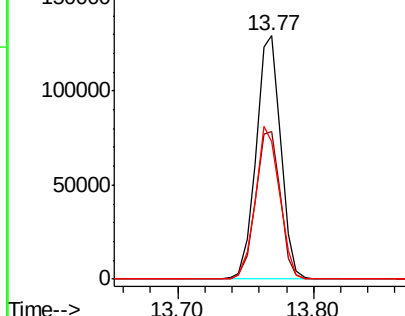


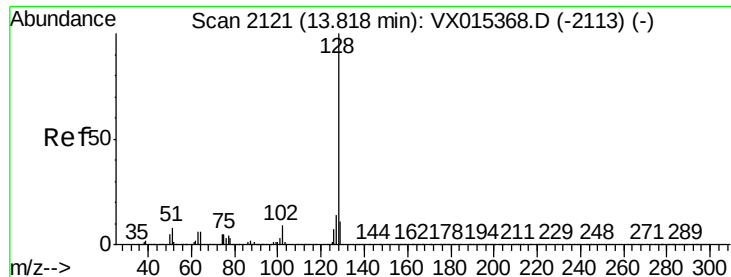
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

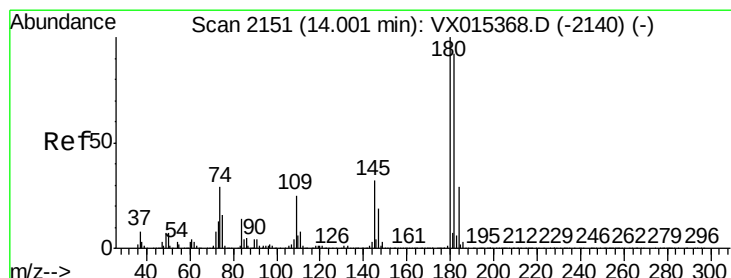
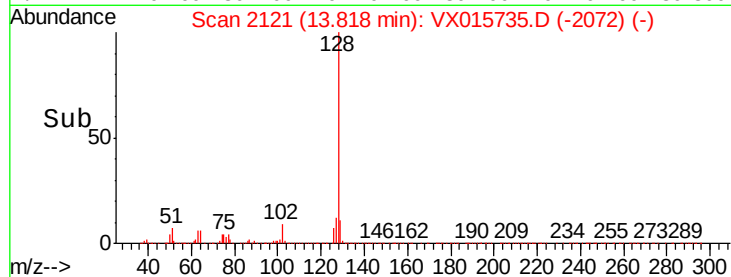
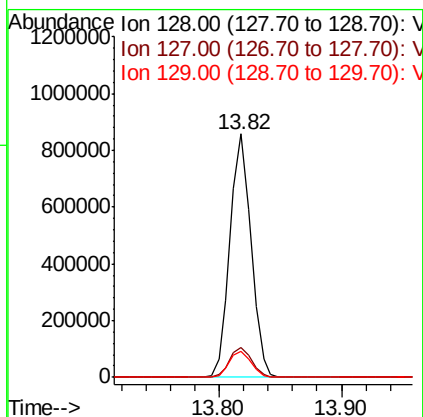
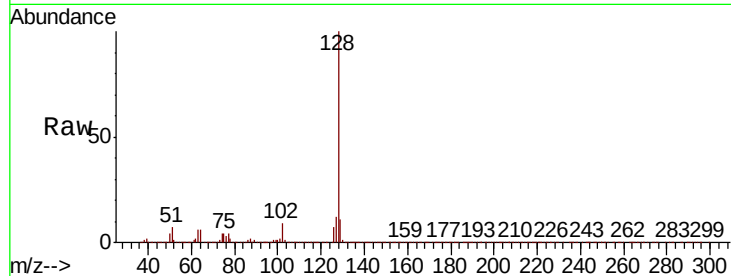




#95
Naphthalene
Concen: 18.712 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1021502
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.119 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015735.D
Acq: 17 Apr 2020 14:08

Tgt Ion:180 Resp: 346664
Ion Ratio Lower Upper
180 100
182 92.3 46.7 140.0
145 29.9 15.8 47.3

