

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015839.D
 Acq On : 22 Apr 2020 14:16
 Operator : JC/SP
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Quant Time: Apr 23 04:49:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	995182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1432278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1336154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	707578	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	532427	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
35) Dibromofluoromethane	5.47	113	418190	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	8.70	98	1652067	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.12	95	655623	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	187930	22.061	ug/l	98
3) Chloromethane	1.31	50	168993	19.370	ug/l	97
4) Vinyl Chloride	1.39	62	190135	18.829	ug/l	98
5) Bromomethane	1.63	94	81896	24.180	ug/l	98
6) Chloroethane	1.72	64	111395	19.358	ug/l	97
7) Trichlorofluoromethane	1.92	101	250956	20.030	ug/l	99
8) Diethyl Ether	2.17	74	96390	18.971	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	165984	19.529	ug/l	97
10) Methyl Iodide	2.49	142	206930	19.707	ug/l	99
11) Tert butyl alcohol	3.01	59	214888	92.920	ug/l	98
12) 1,1-Dichloroethene	2.36	96	164114	18.828	ug/l	97
13) Acrolein	2.27	56	118838	86.846	ug/l	100
14) Allyl chloride	2.71	41	352525	19.032	ug/l	100
15) Acrylonitrile	3.12	53	511202	95.232	ug/l	99
16) Acetone	2.42	43	416929	84.596	ug/l	99
17) Carbon Disulfide	2.55	76	487966	15.415	ug/l	98
18) Methyl Acetate	2.75	43	296861	18.246	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	593181	19.277	ug/l	99
20) Methylene Chloride	2.84	84	189073	18.898	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	182735	18.895	ug/l	98
22) Diisopropyl ether	3.83	45	650049	19.471	ug/l	97
23) Vinyl Acetate	3.78	43	2672925	96.737	ug/l	99
24) 1,1-Dichloroethane	3.67	63	330324	18.983	ug/l	99
25) 2-Butanone	4.63	43	712875	91.513	ug/l	98
26) 2,2-Dichloropropane	4.55	77	302314	19.449	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	206437	18.802	ug/l	99
28) Bromochloromethane	4.98	49	175099	19.177	ug/l #	99
29) Tetrahydrofuran	5.09	42	481820	93.512	ug/l	99
30) Chloroform	5.18	83	329993	18.849	ug/l	98
31) Cyclohexane	5.54	56	327946	19.831	ug/l	92
32) 1,1,1-Trichloroethane	5.47	97	297299	19.046	ug/l	99
36) 1,1-Dichloropropene	5.77	75	258052	20.323	ug/l	99
37) Ethyl Acetate	4.80	43	296620	19.629	ug/l	99
38) Carbon Tetrachloride	5.76	117	254813	20.373	ug/l	96

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 Data File : VX015839.D
 Acq On : 22 Apr 2020 14:16
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 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0422WBS01

Quant Time: Apr 23 04:49:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	326749	20.321	ug/l	99
40) Benzene	6.12	78	758306	19.829	ug/l	100
41) Methacrylonitrile	5.00	41	164780	19.623	ug/l	99
42) 1,2-Dichloroethane	6.16	62	271239	19.696	ug/l	99
43) Isopropyl Acetate	6.41	43	498055	19.539	ug/l	99
44) Trichloroethene	7.19	130	261199	19.435	ug/l	90
45) 1,2-Dichloropropane	7.49	63	196913	19.648	ug/l	98
46) Dibromomethane	7.64	93	140656	19.226	ug/l	97
47) Bromodichloromethane	7.87	83	257565	19.790	ug/l	99
48) Methyl methacrylate	7.75	41	243691	19.435	ug/l	99
49) 1,4-Dioxane	7.72	88	86964	366.983	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1466861	99.695	ug/l	100
52) Toluene	8.76	92	487057	19.870	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	321004	19.878	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	339220	19.875	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	191687	20.026	ug/l	98
56) Ethyl methacrylate	9.16	69	314209	19.380	ug/l	98
57) 1,3-Dichloropropane	9.36	76	329416	19.805	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	793637	97.988	ug/l	99
59) 2-Hexanone	9.47	43	1090619	97.300	ug/l	100
60) Dibromochloromethane	9.57	129	193704	19.596	ug/l	98
61) 1,2-Dibromoethane	9.65	107	201506	19.048	ug/l	99
64) Tetrachloroethene	9.32	164	357758	19.864	ug/l	92
65) Chlorobenzene	10.12	112	526052	19.688	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	198012	19.826	ug/l	99
67) Ethyl Benzene	10.23	91	936289	19.955	ug/l	99
68) m/p-Xylenes	10.34	106	731501	41.535	ug/l	97
69) o-Xylene	10.68	106	346264	19.980	ug/l	99
70) Styrene	10.70	104	601988	20.061	ug/l	100
71) Bromoform	10.84	173	130854	20.106	ug/l #	98
73) Isopropylbenzene	11.00	105	929886	20.693	ug/l	99
74) N-amyl acetate	10.88	43	457608	19.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	185289	19.483	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	349263	25.958	ug/l	82
77) Bromobenzene	11.24	156	245252	19.974	ug/l	98
78) n-propylbenzene	11.34	91	1061732	20.625	ug/l	99
79) 2-Chlorotoluene	11.40	91	631531	20.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	799758	20.872	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	107430	19.206	ug/l #	89
82) 4-Chlorotoluene	11.50	91	749541	20.398	ug/l	100
83) tert-Butylbenzene	11.76	119	684849	20.149	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	808840	20.332	ug/l	99
85) sec-Butylbenzene	11.93	105	912548	20.367	ug/l	100
86) p-Isopropyltoluene	12.05	119	868673	20.734	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	449895	19.961	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	450253	19.956	ug/l	97
89) n-Butylbenzene	12.37	91	754631	20.145	ug/l	99
90) Hexachloroethane	12.58	117	99574	22.497	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	424825	19.873	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55104	19.538	ug/l	97

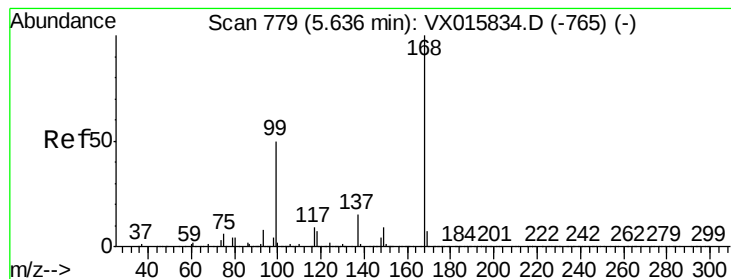
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015839.D
Acq On : 22 Apr 2020 14:16
Operator : JC/SP
Sample : VX0422WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Quant Time: Apr 23 04:49:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	335206	19.901	ug/l	98
94) Hexachlorobutadiene	13.77	225	156893	20.775	ug/l	98
95) Naphthalene	13.82	128	959456	19.799	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	326663	19.878	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

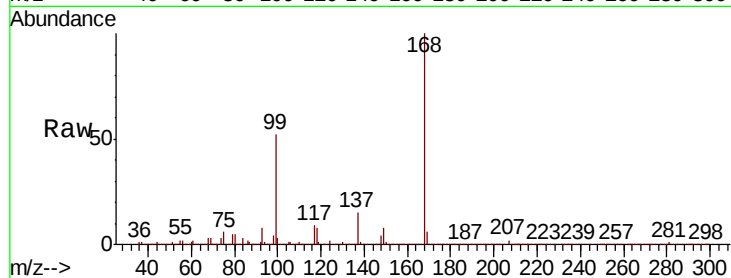
VX0422WBS01

Tot Ion:168 Resp: 995182

Ion Ratio Lower Upper

168 100

99 51.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

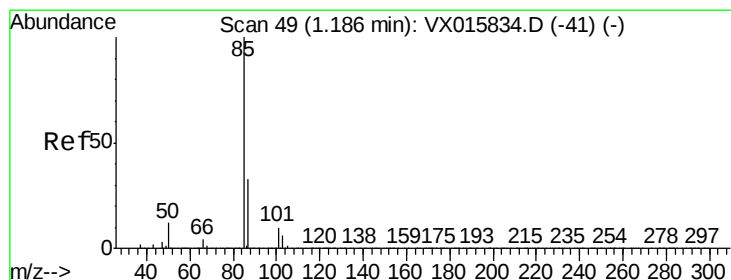
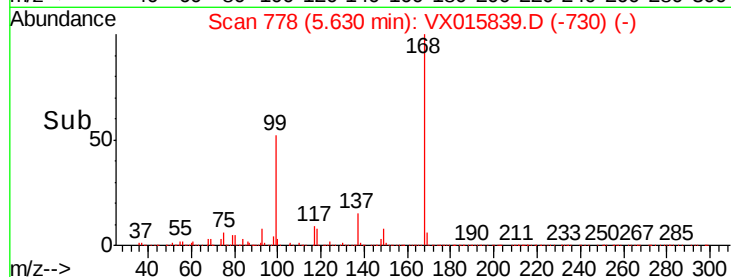
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.061 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015839.D

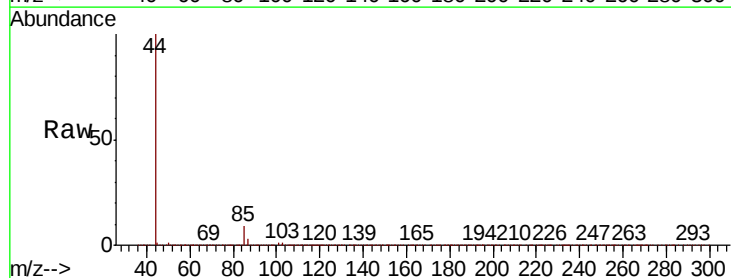
Acq: 22 Apr 2020 14:16

Tgt Ion: 85 Resp: 187930

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

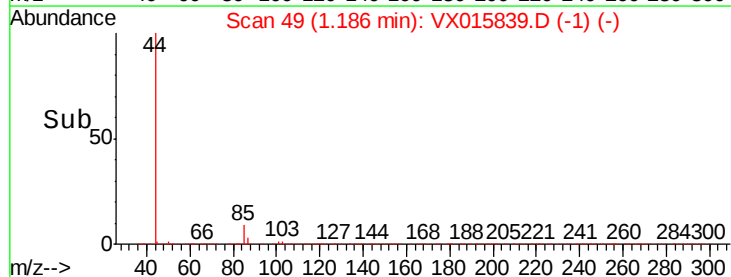
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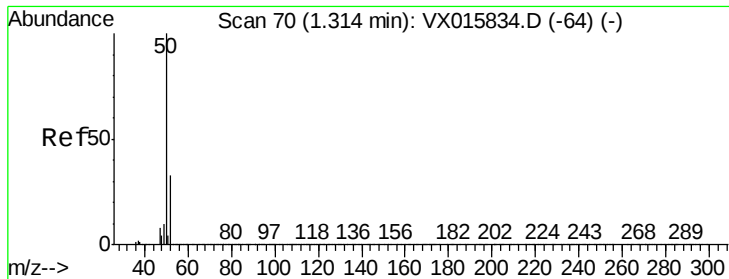
100000

50000

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Time-->





#3

Chloromethane

Concen: 19.370 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

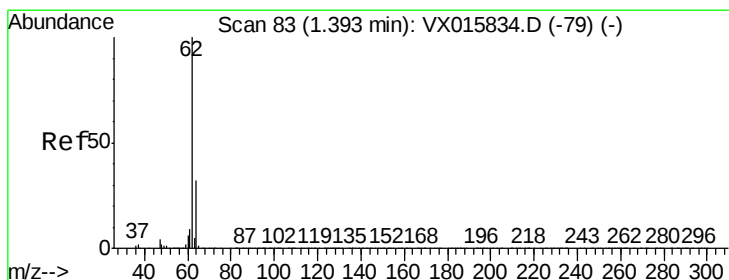
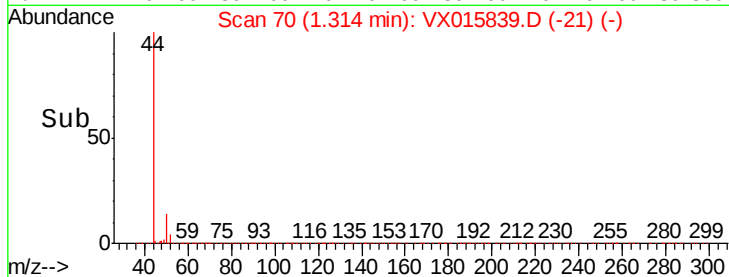
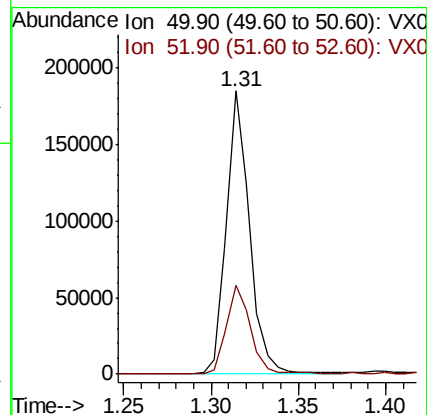
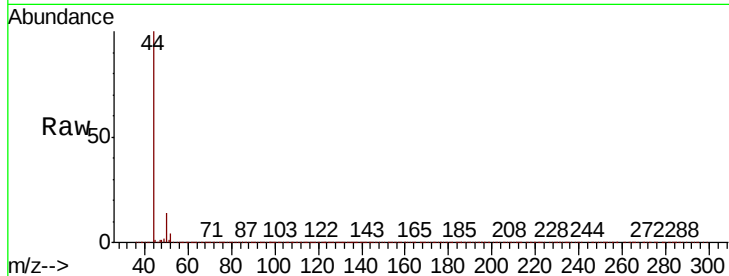
VX0422WBS01

Tot Ion: 50 Resp: 168993

Ion Ratio Lower Upper

50 100

52 31.3 26.2 39.4



#4

Vinyl Chloride

Concen: 18.829 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015839.D

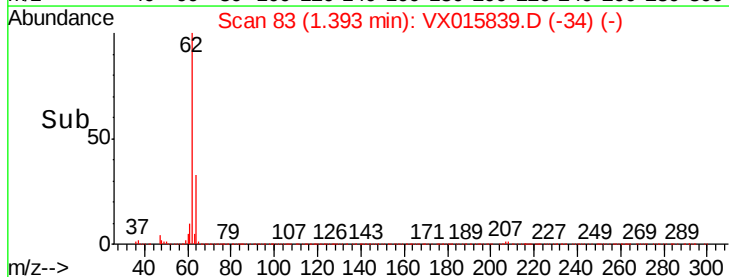
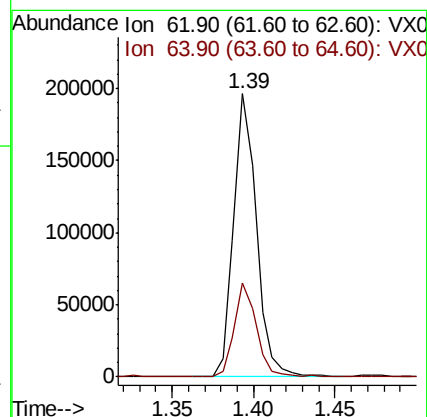
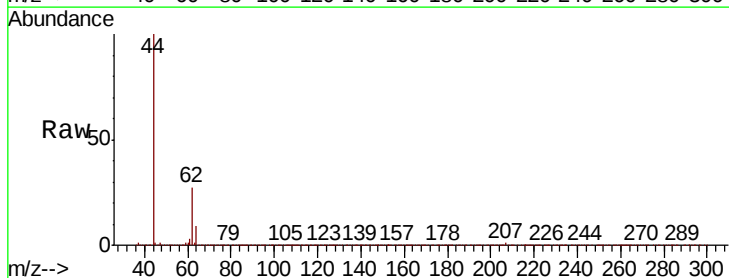
Acq: 22 Apr 2020 14:16

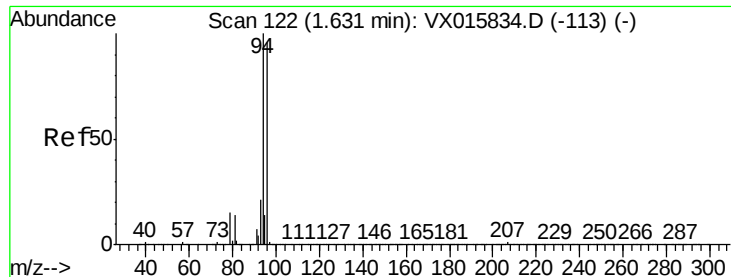
Tgt Ion: 62 Resp: 190135

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 24.180 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

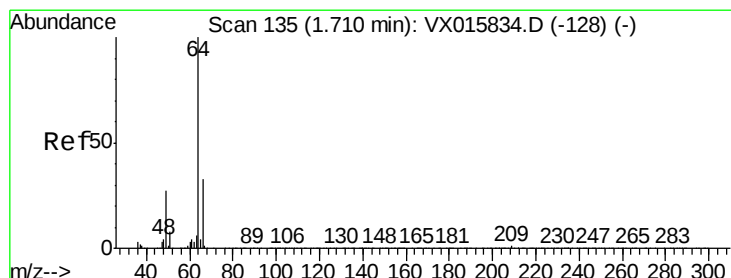
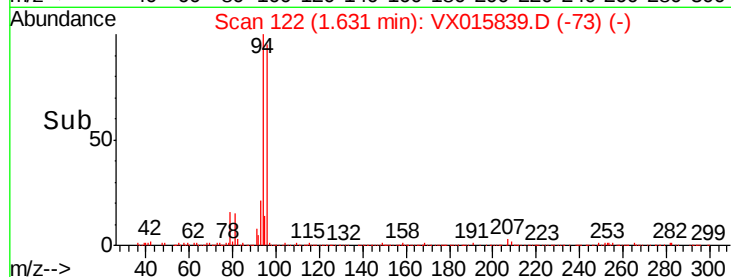
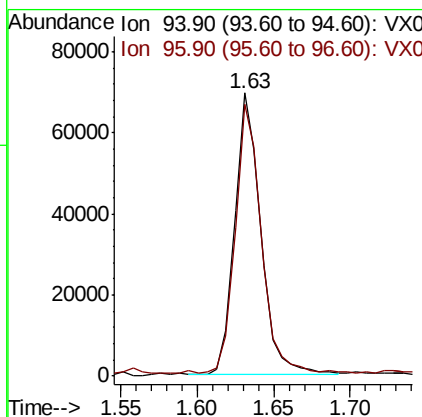
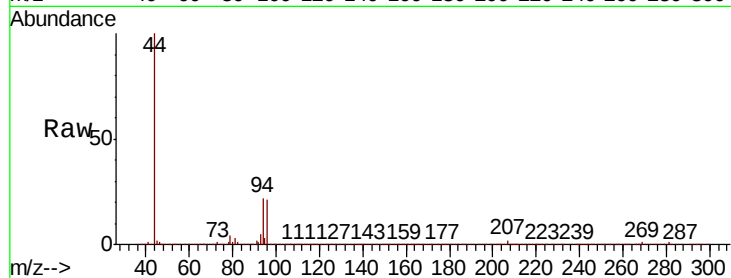
VX0422WBS01

Tot Ion: 94 Resp: 81896

Ion Ratio Lower Upper

94 100

96 94.4 76.7 115.1



#6

Chloroethane

Concen: 19.358 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015839.D

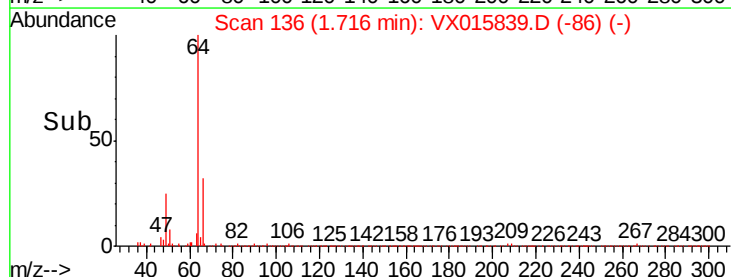
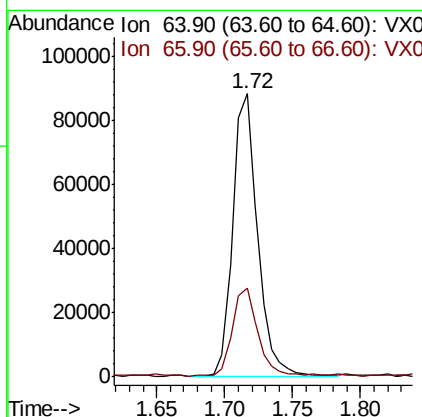
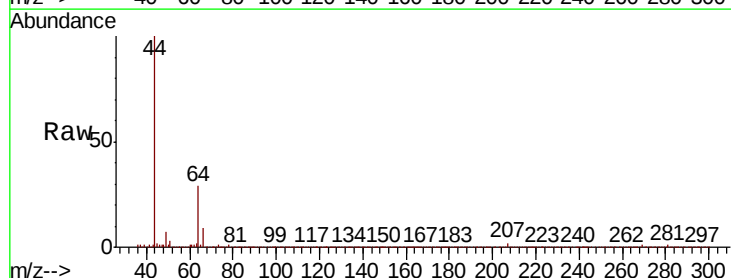
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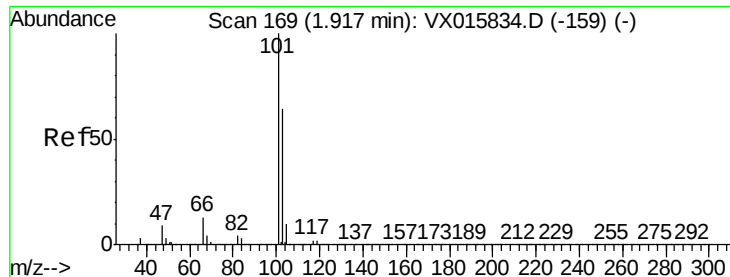
Tgt Ion: 64 Resp: 111395

Ion Ratio Lower Upper

64 100

66 30.9 26.2 39.2



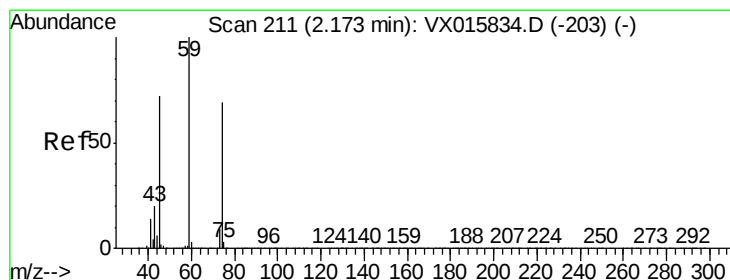
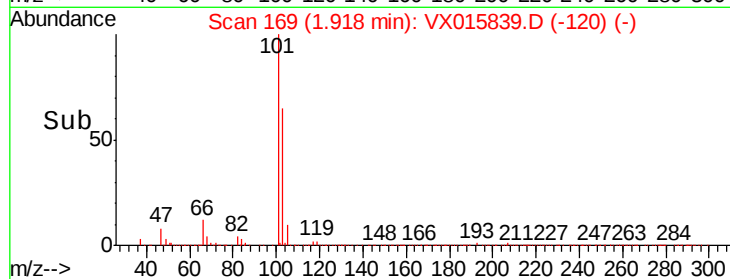
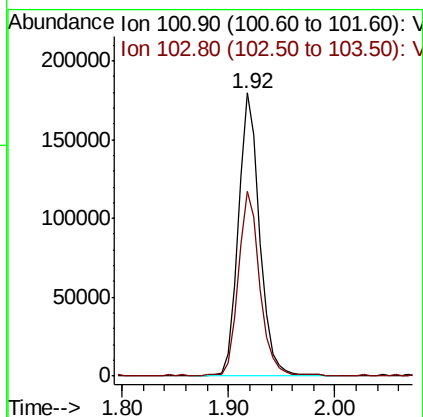
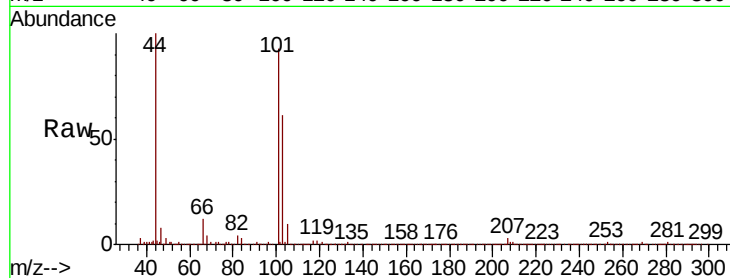


#7

Trichlorofluoromethane
 Concen: 20.030 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

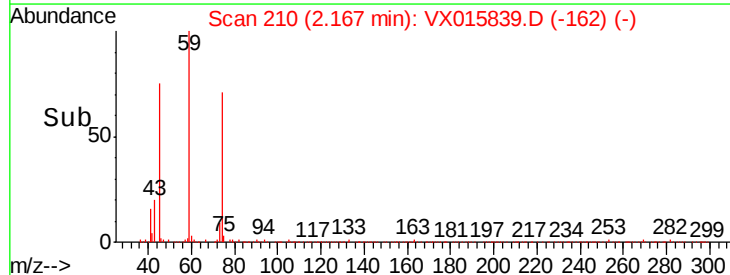
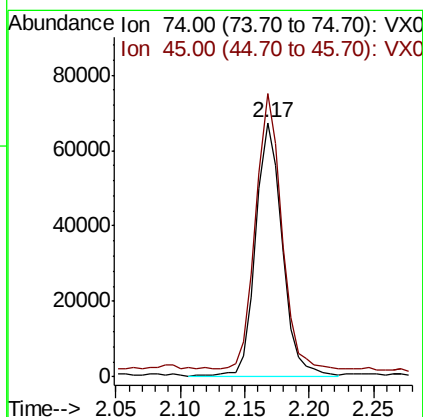
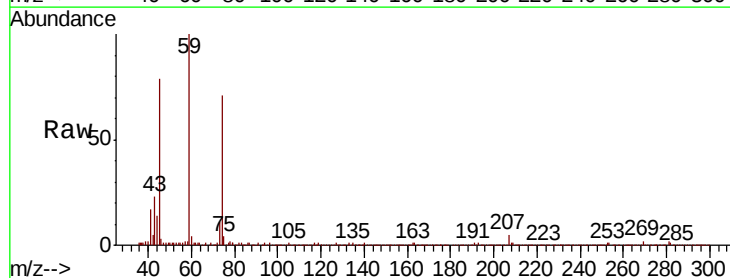
Tot Ion:101 Resp: 250956
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0

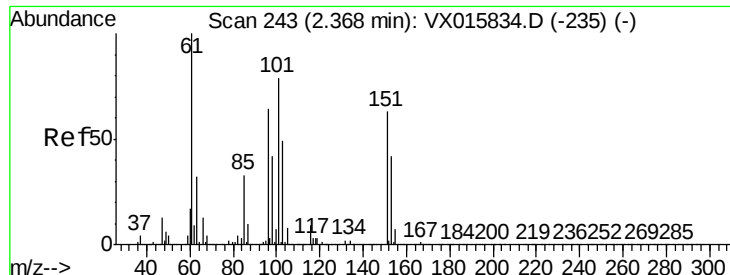


#8

Diethyl Ether
 Concen: 18.971 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion: 74 Resp: 96390
 Ion Ratio Lower Upper
 74 100
 45 103.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.529 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

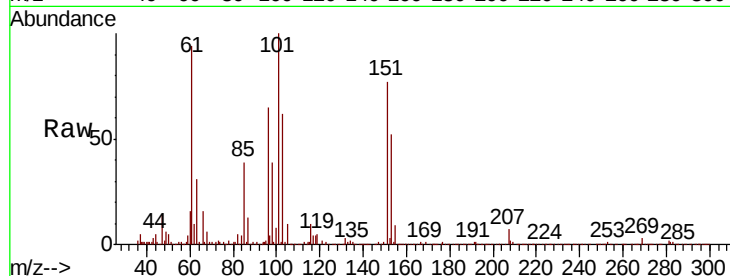
Tot Ion:101 Resp: 165984

Ion Ratio Lower Upper

101 100

85 40.6 33.8 50.6

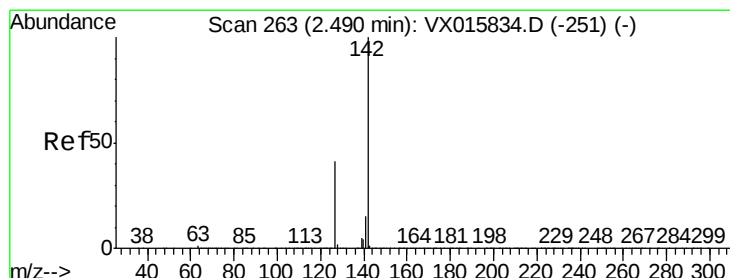
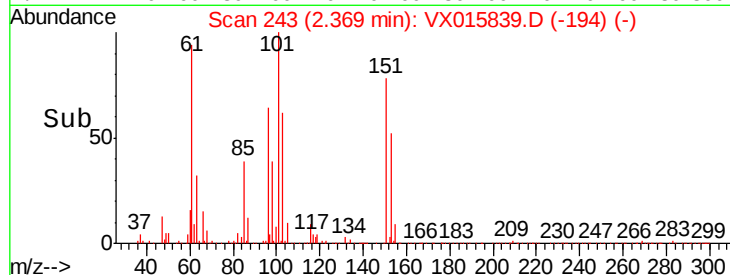
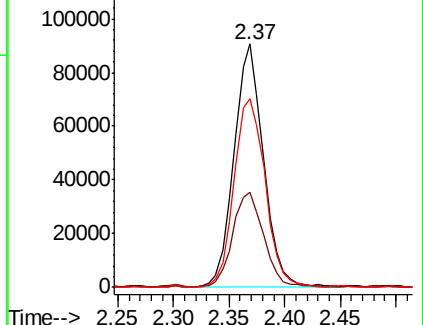
151 81.9 67.8 101.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.707 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

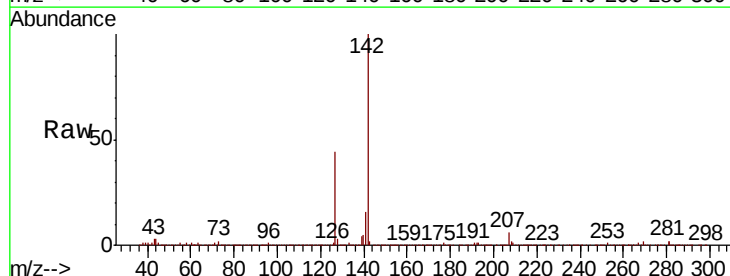
Tgt Ion:142 Resp: 206930

Ion Ratio Lower Upper

142 100

127 41.3 33.3 49.9

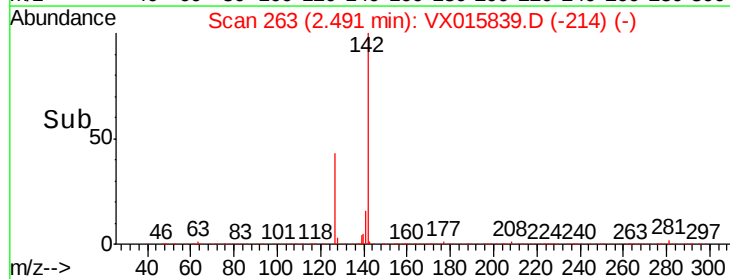
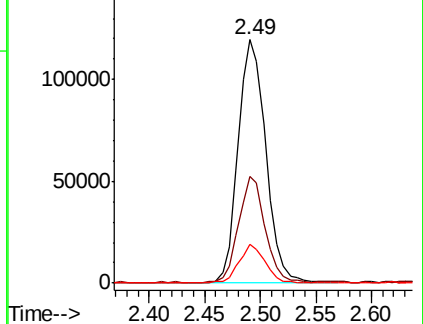
141 15.1 11.8 17.6

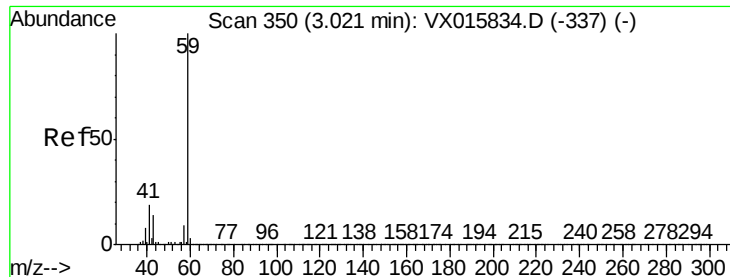


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



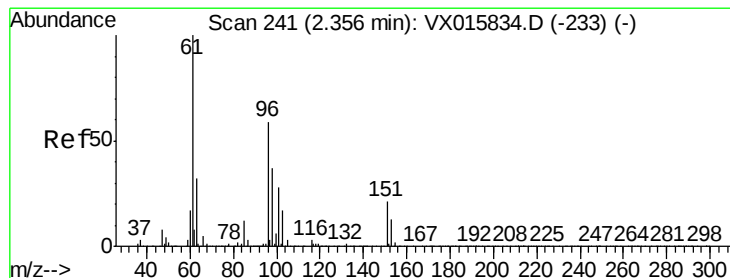
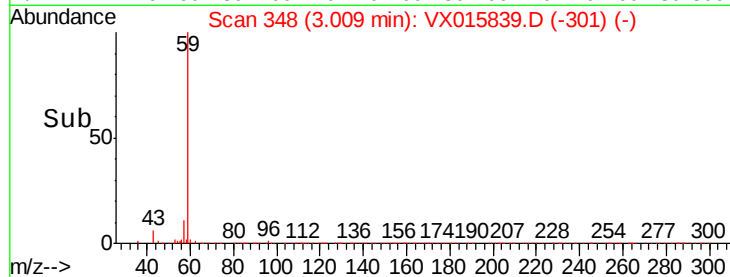
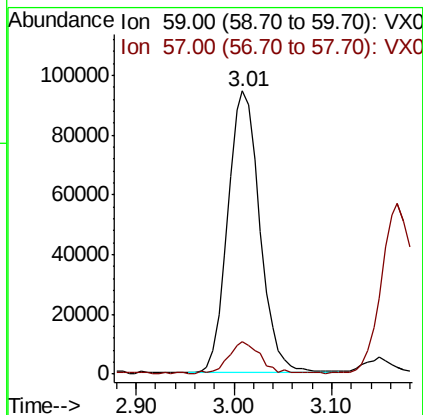
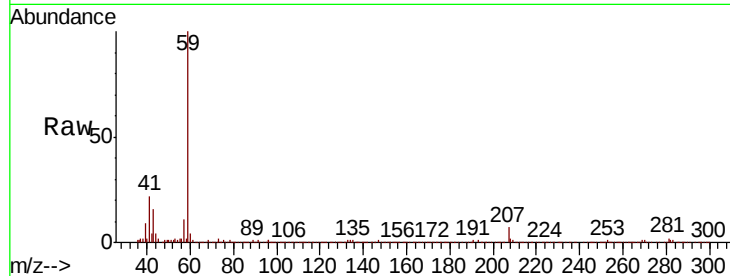


#11

Tert butyl alcohol
 Concen: 92.920 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0422WBS01

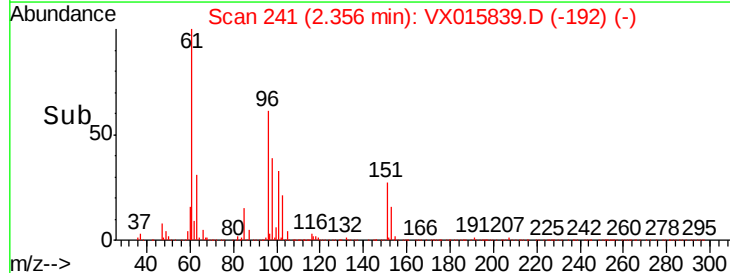
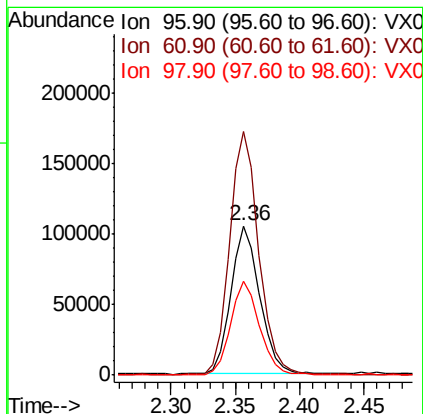
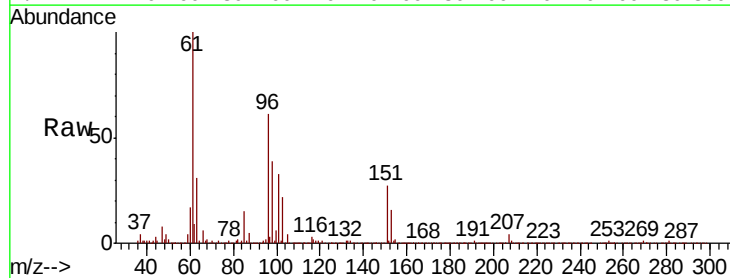
Tot Ion: 59 Resp: 214888
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

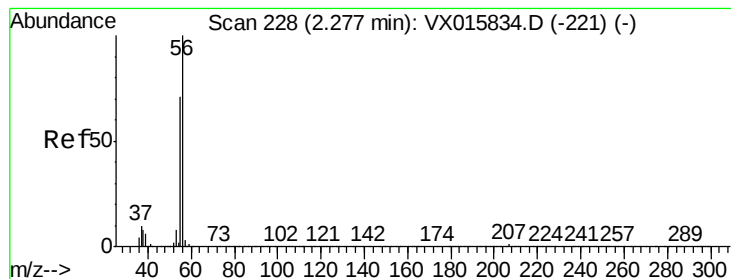


#12

1,1-Dichloroethene
 Concen: 18.828 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion: 96 Resp: 164114
 Ion Ratio Lower Upper
 96 100
 61 163.5 135.0 202.6
 98 63.4 50.6 76.0





#13

Acrolein

Concen: 86.846 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

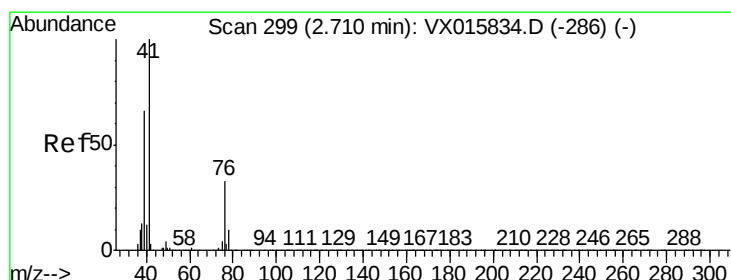
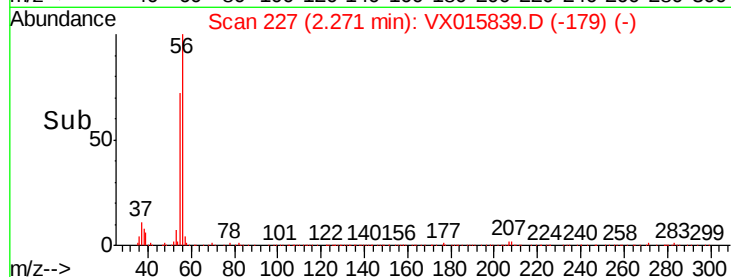
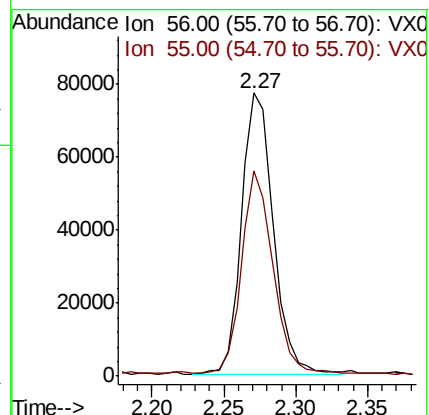
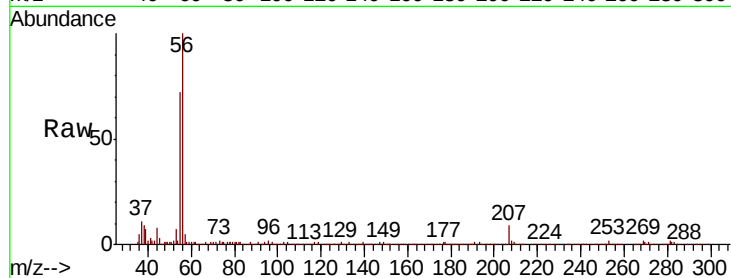
VX0422WBS01

Tot Ion: 56 Resp: 118838

Ion Ratio Lower Upper

56 100

55 70.2 56.1 84.1



#14

Allyl chloride

Concen: 19.032 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

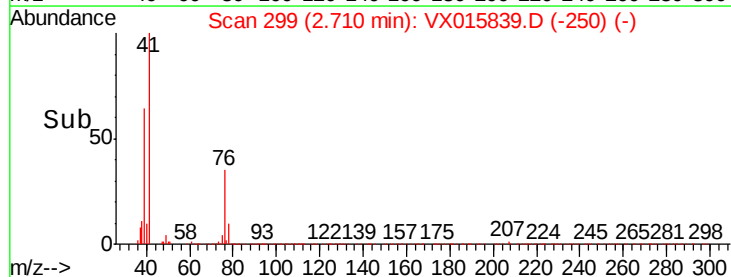
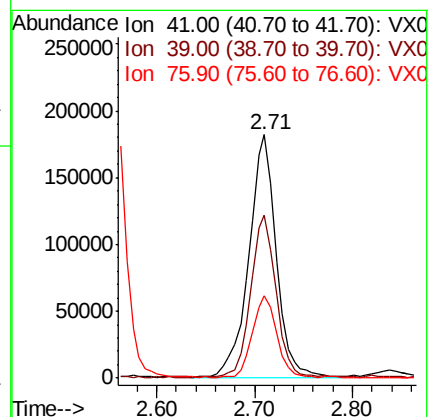
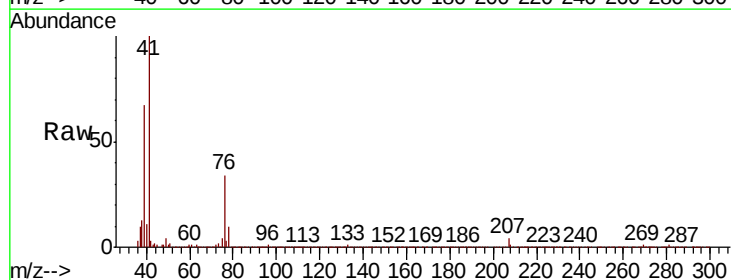
Tgt Ion: 41 Resp: 352525

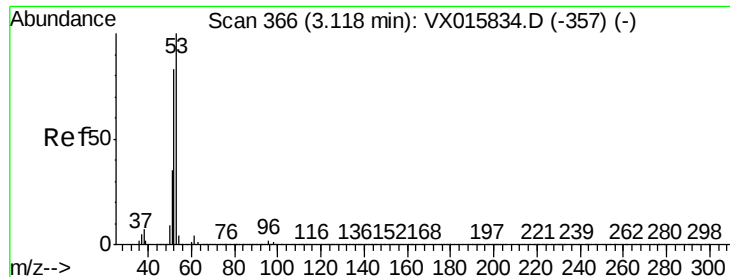
Ion Ratio Lower Upper

41 100

39 60.9 48.4 72.6

76 29.6 23.8 35.8





#15

Acrylonitrile

Concen: 95.232 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

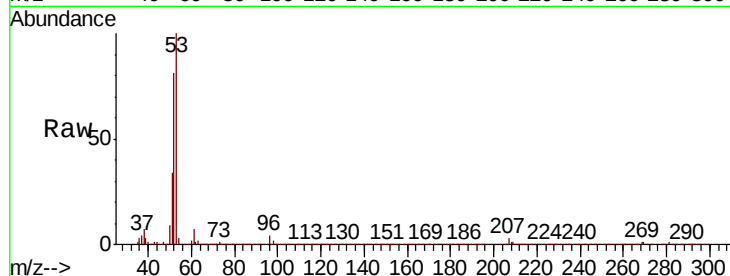
Tot Ion: 53 Resp: 511202

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.4

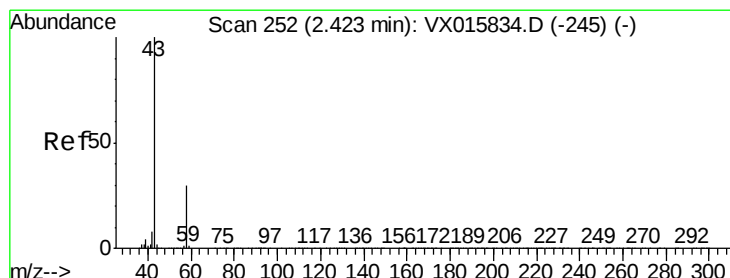
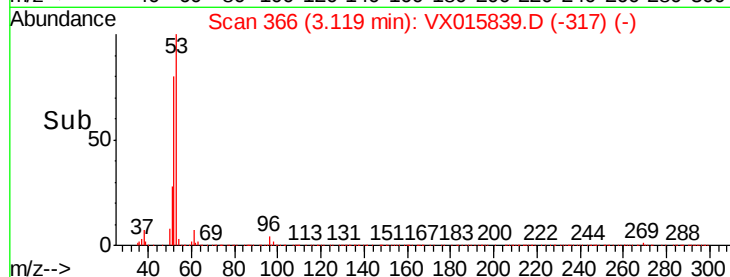
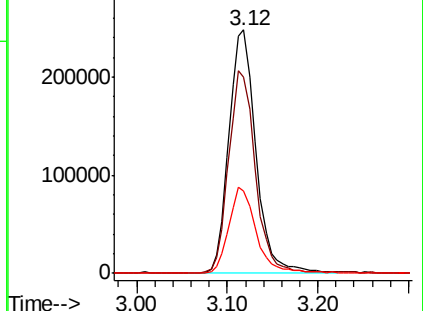
51 35.5 28.6 43.0



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: 84.596 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015839.D

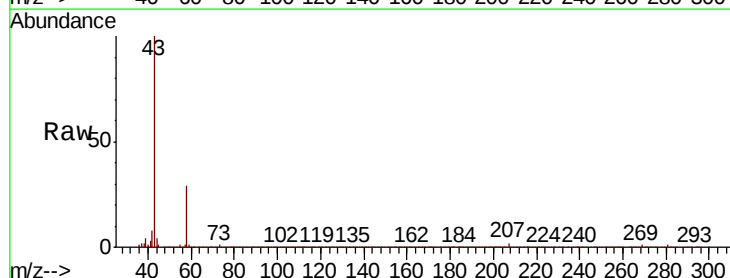
Acq: 22 Apr 2020 14:16

Tgt Ion: 43 Resp: 416929

Ion Ratio Lower Upper

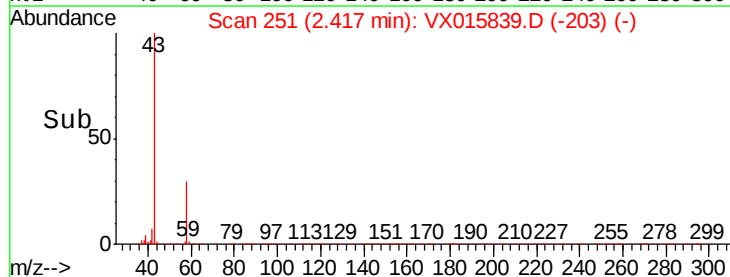
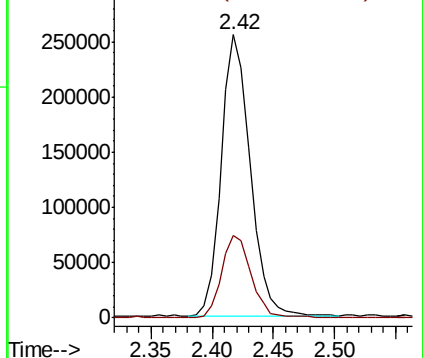
43 100

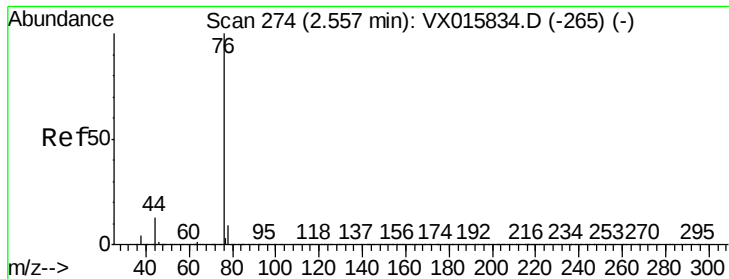
58 29.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

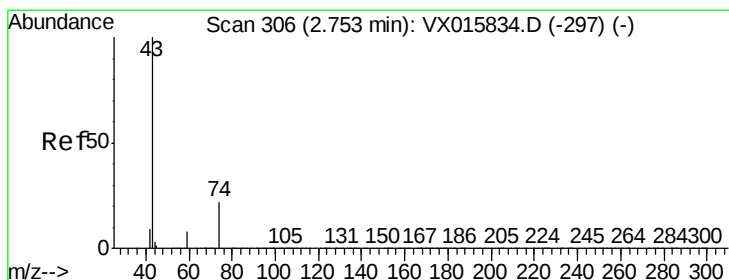
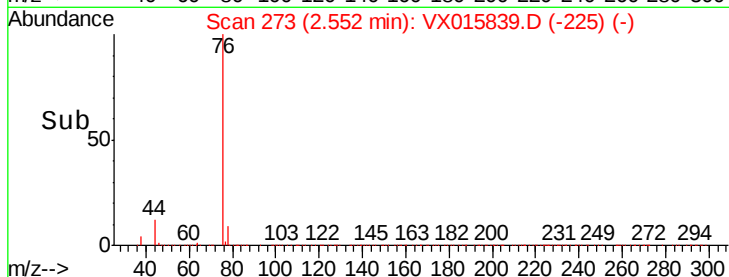
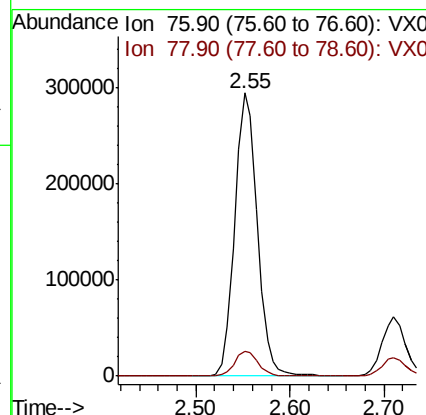
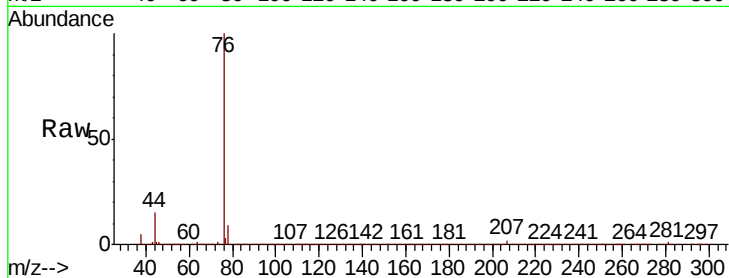




#17
Carbon Disulfide
Concen: 15.415 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

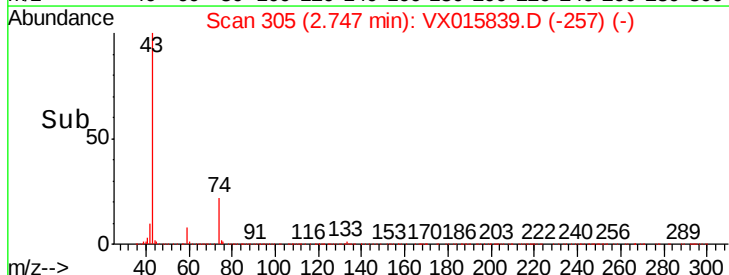
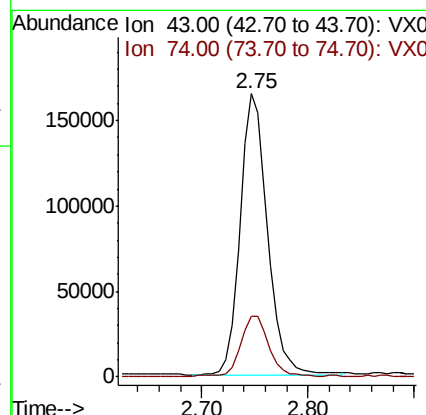
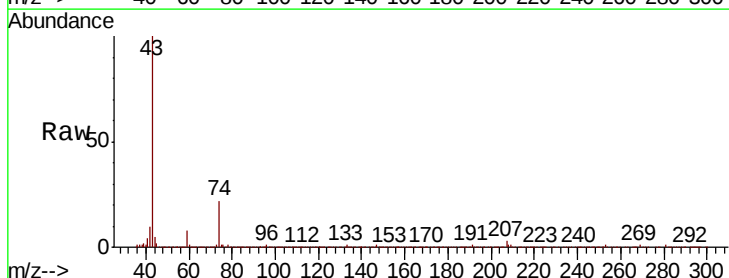
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

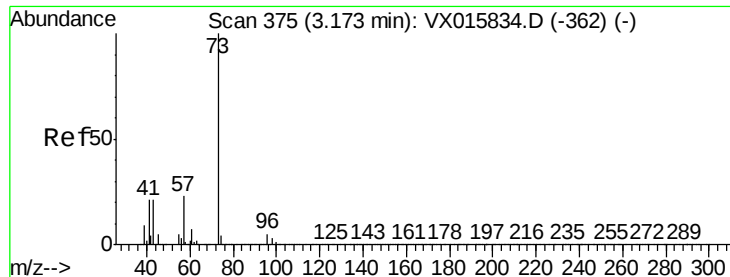
Tot Ion: 76 Resp: 487966
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 18.246 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 43 Resp: 296861
Ion Ratio Lower Upper
43 100
74 22.1 17.9 26.9



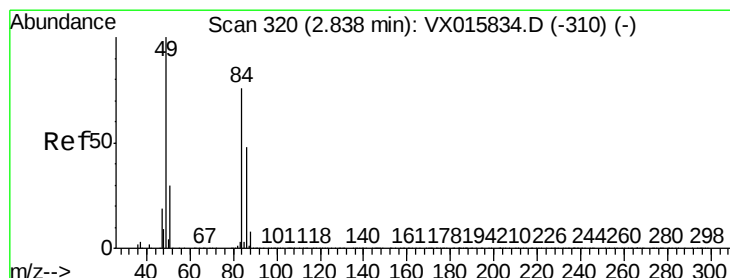
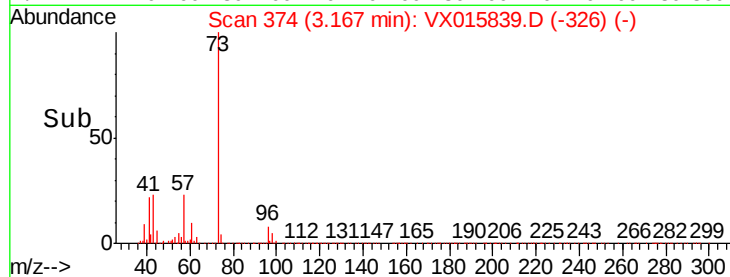
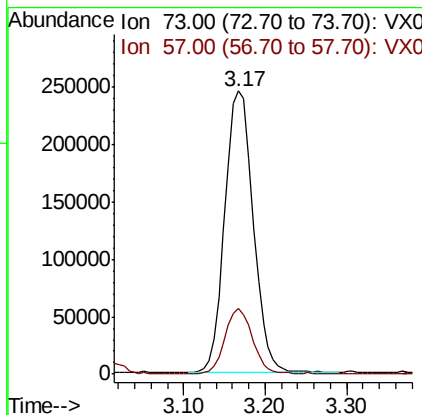
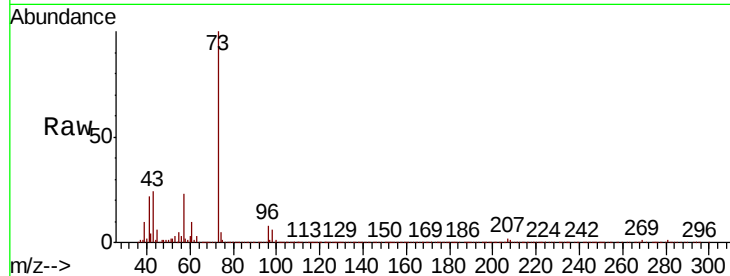


#19

Methyl tert-butyl Ether
 Concen: 19.277 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampled :
 VX0422WBS01

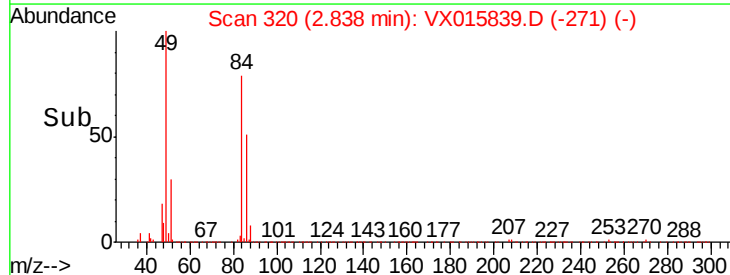
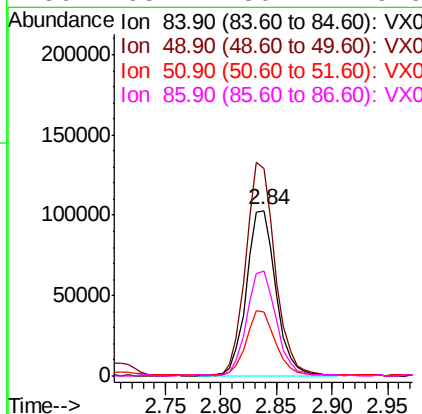
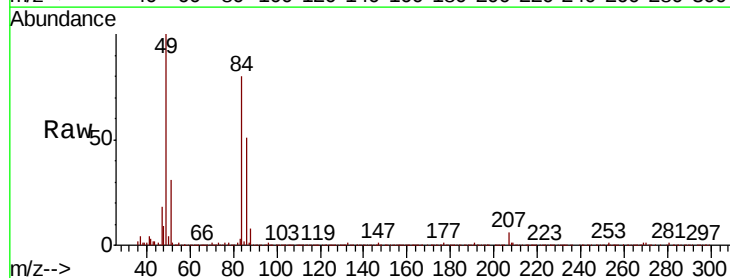
Tot Ion: 73 Resp: 593181
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.1 27.1

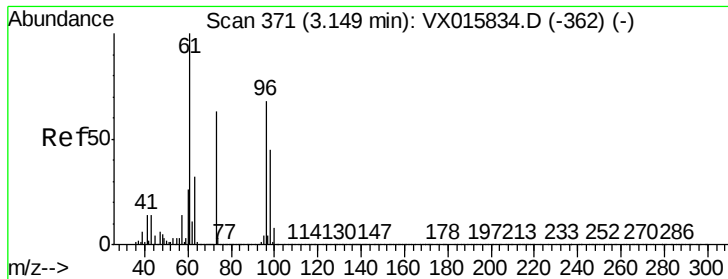


#20

Methylene Chloride
 Concen: 18.898 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion: 84 Resp: 189073
 Ion Ratio Lower Upper
 84 100
 49 125.6 104.9 157.3
 51 38.2 32.0 48.0
 86 63.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 18.895 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

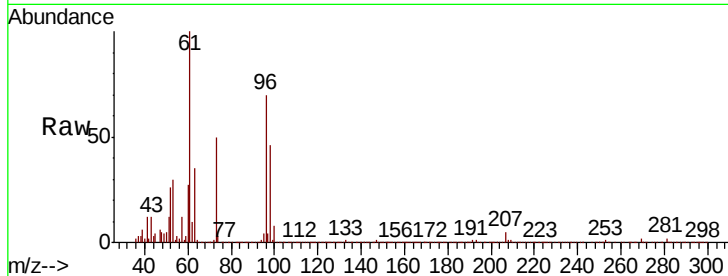
Tot Ion: 96 Resp: 182735

Ion Ratio Lower Upper

96 100

61 143.4 117.5 176.3

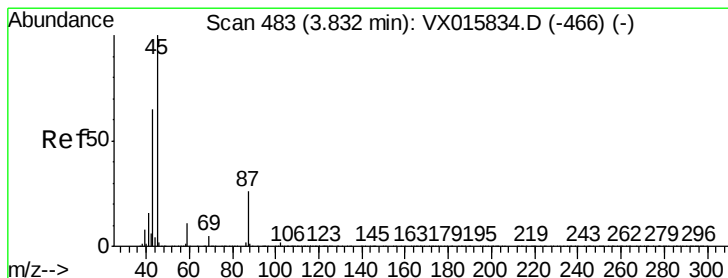
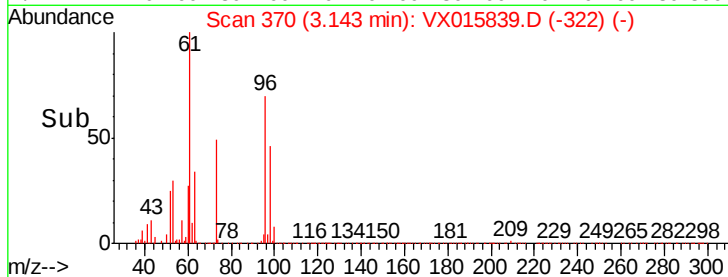
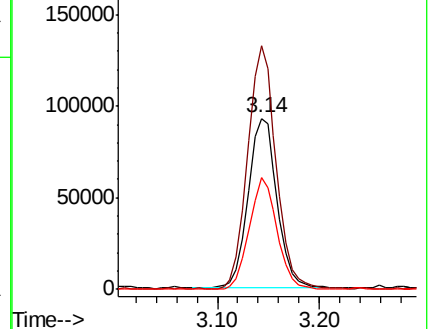
98 65.6 52.7 79.1



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: 19.471 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion: 45 Resp: 650049

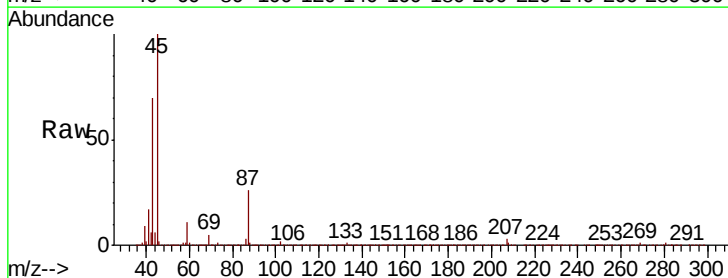
Ion Ratio Lower Upper

45 100

43 68.8 52.4 78.6

87 26.4 20.7 31.1

59 10.7 8.6 12.8

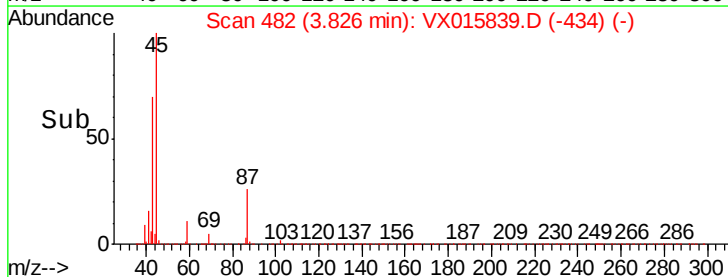
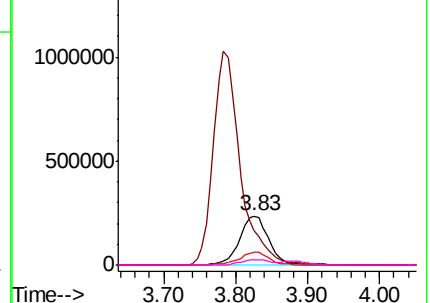


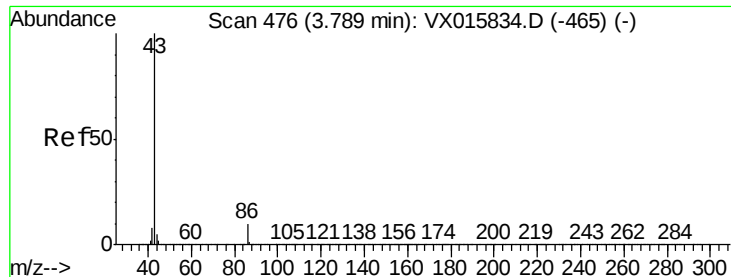
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.737 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

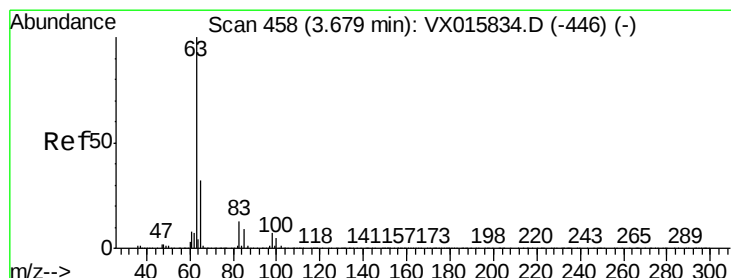
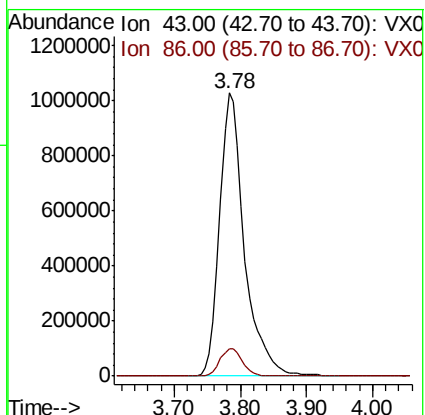
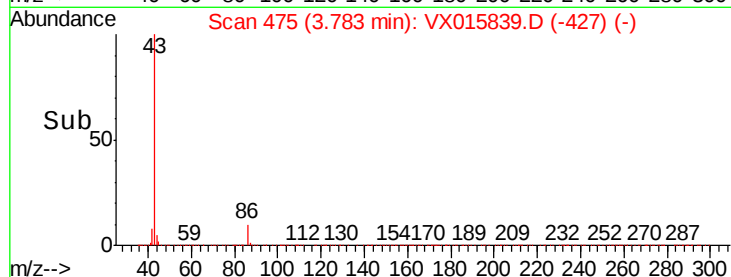
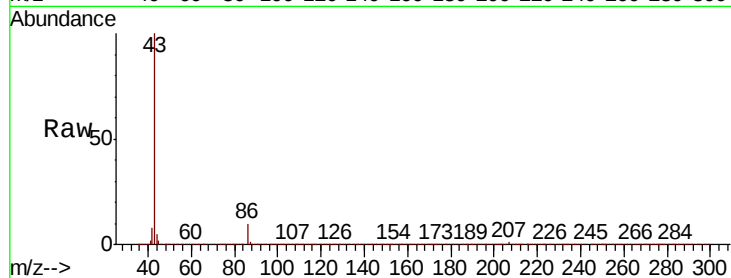
VX0422WBS01

Tot Ion: 43 Resp: 2672925

Ion Ratio Lower Upper

43 100

86 9.7 8.0 12.0



#24

1,1-Dichloroethane

Concen: 18.983 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

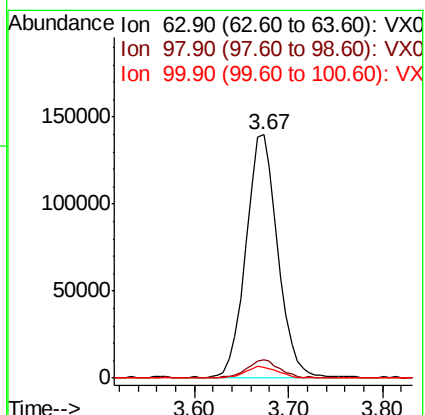
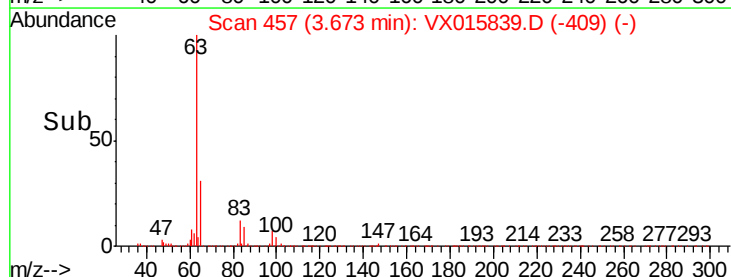
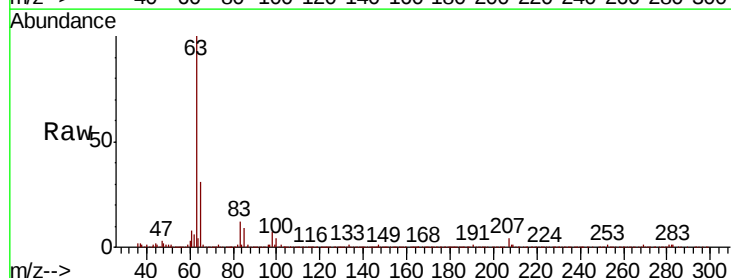
Tgt Ion: 63 Resp: 330324

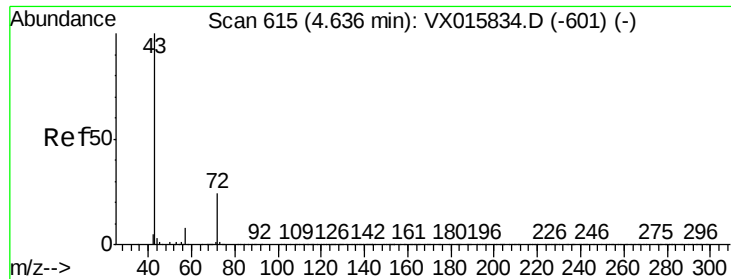
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.3 2.3 6.8

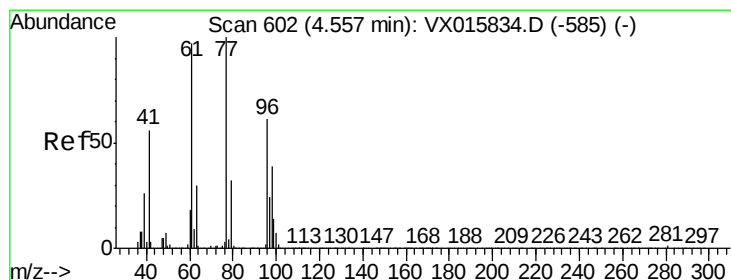
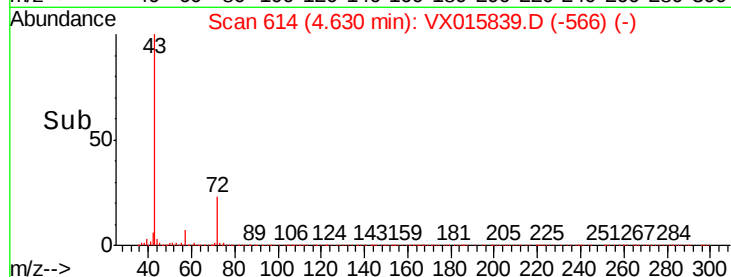
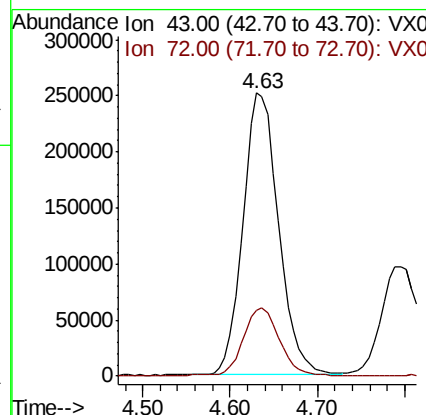
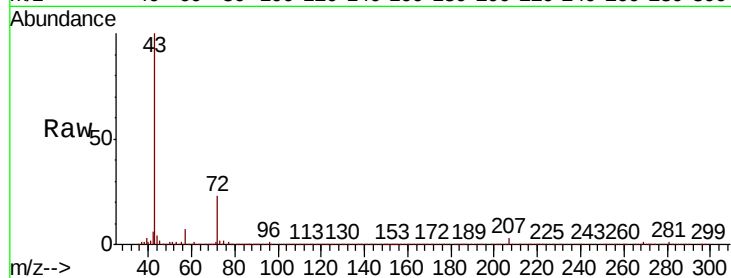




#25
2-Butanone
Concen: 91.513 ug/l
RT: 4.63 min Scan# 614
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

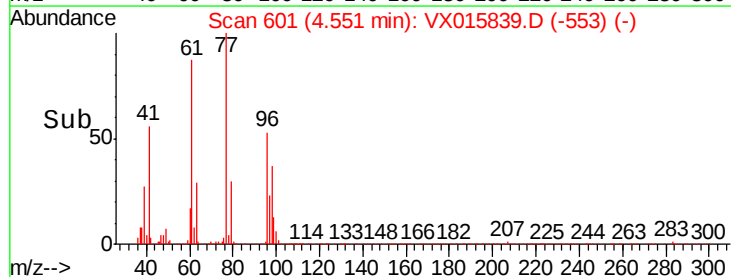
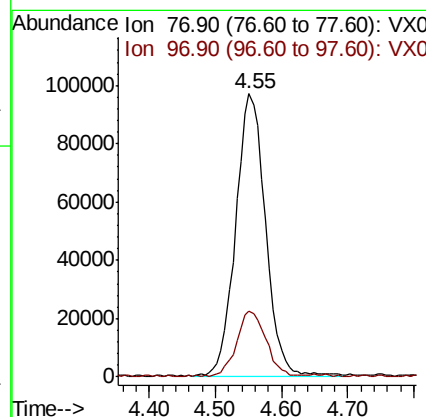
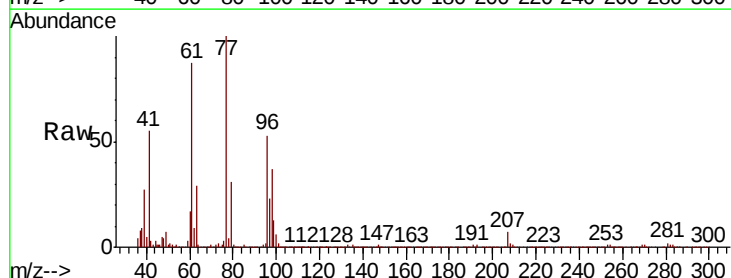
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

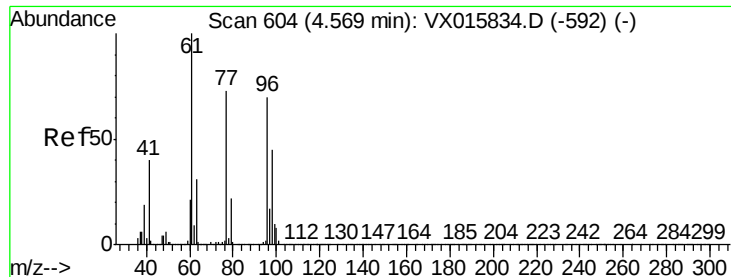
Tot Ion: 43 Resp: 712875
Ion Ratio Lower Upper
43 100
72 23.1 19.4 29.2



#26
2,2-Dichloropropane
Concen: 19.449 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 77 Resp: 302314
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1



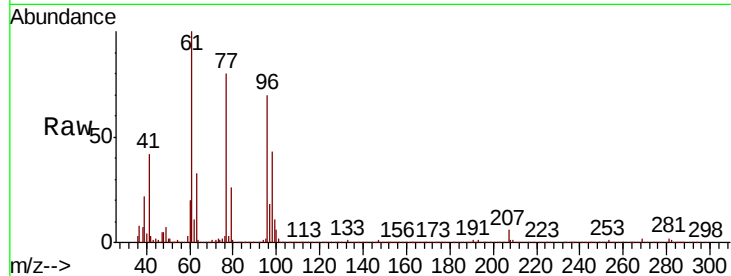


#27

cis-1,2-Dichloroethene
Concen: 18.802 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	96	Resp	206437
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	299.4
98	65.8	0.0	129.6

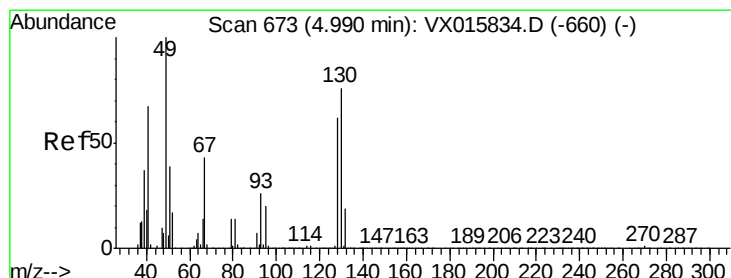
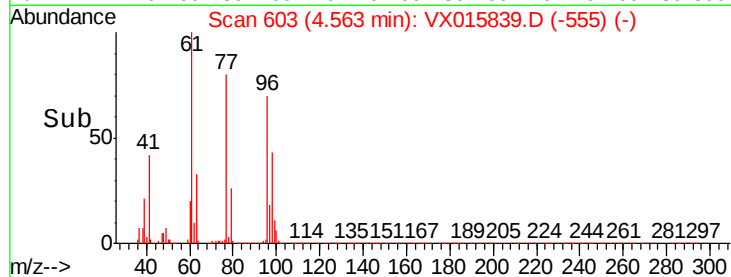
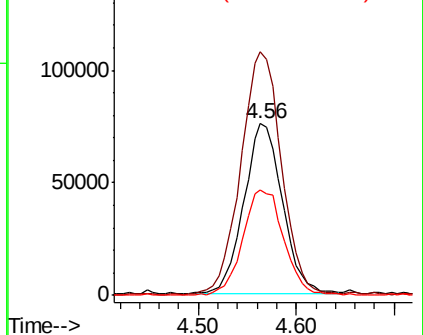


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

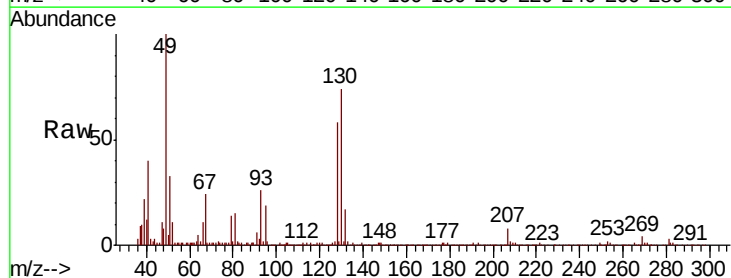
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.177 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	49	Resp	175099
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	1.8#
130	77.3	62.4	93.6

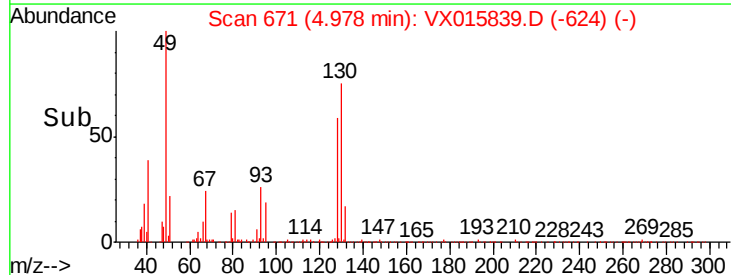
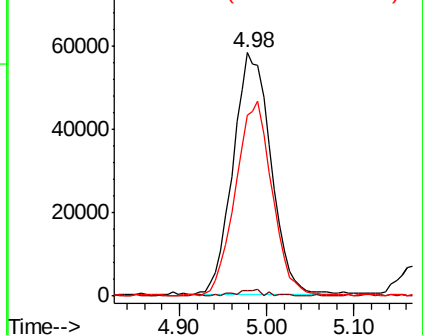


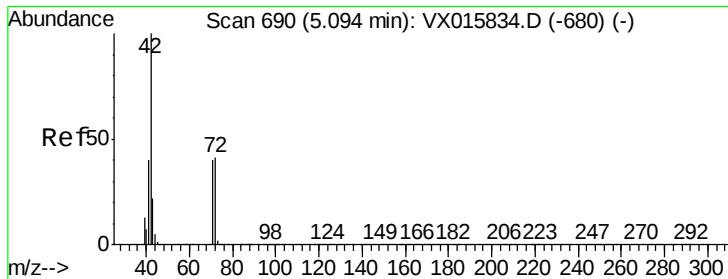
Abundance

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: 93.512 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

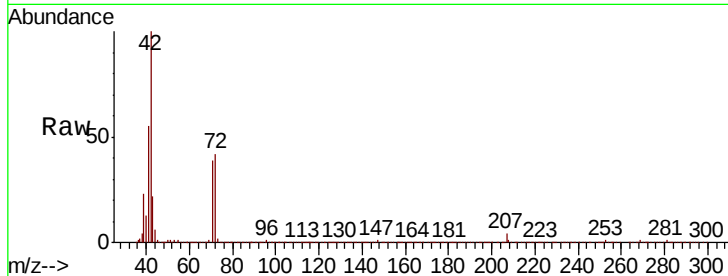
Tot Ion: 42 Resp: 481820

Ion Ratio Lower Upper

42 100

72 41.2 33.0 49.6

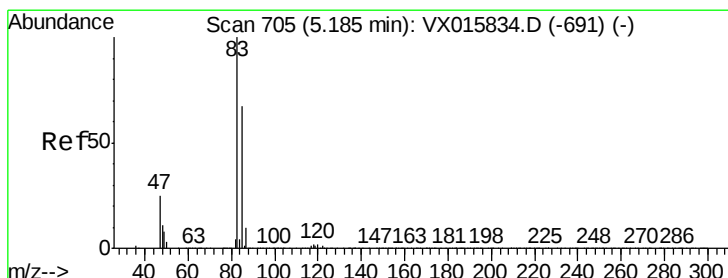
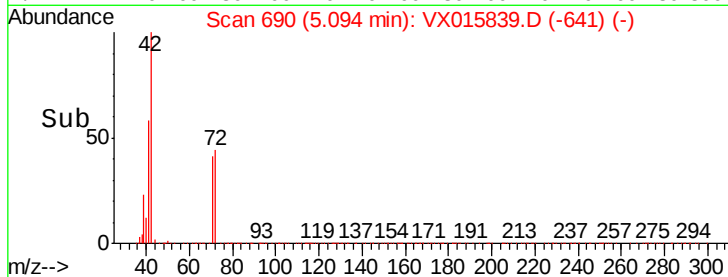
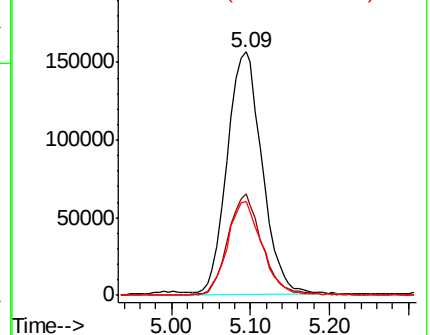
71 37.6 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.849 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015839.D

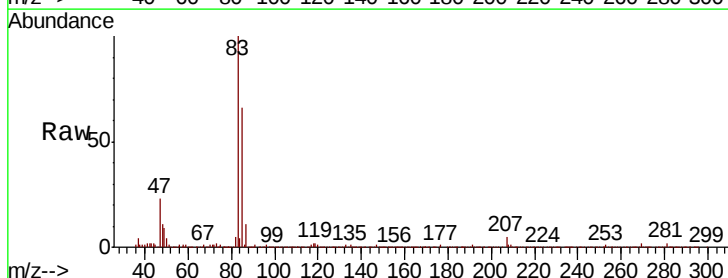
Acq: 22 Apr 2020 14:16

Tgt Ion: 83 Resp: 329993

Ion Ratio Lower Upper

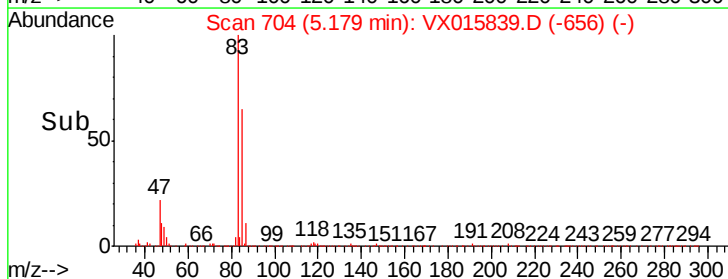
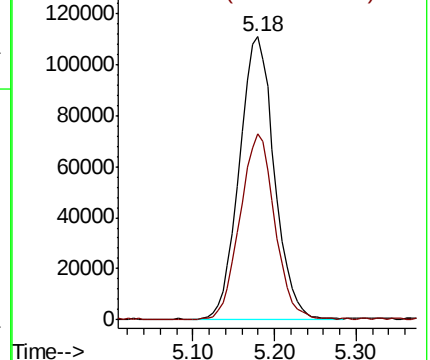
83 100

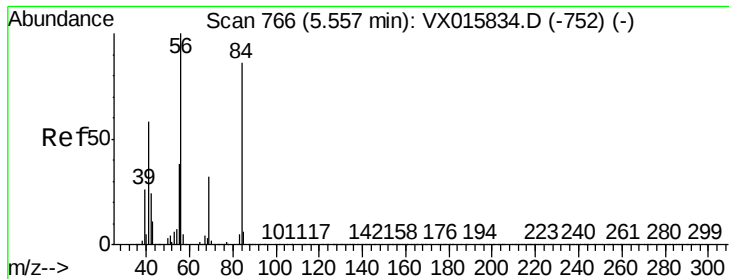
85 65.3 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

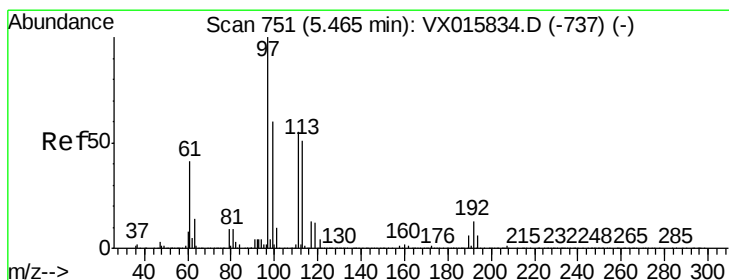
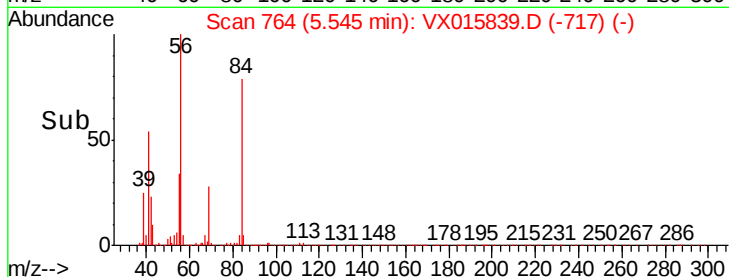
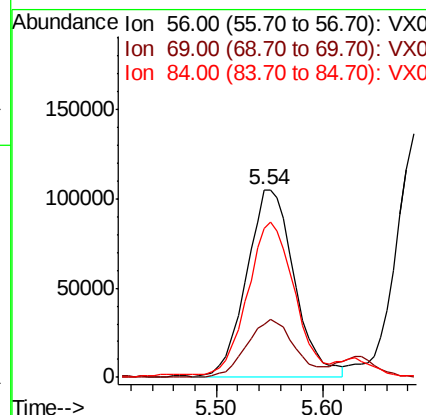
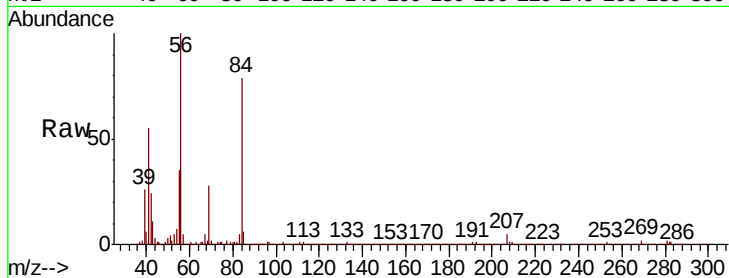




#31
Cyclohexane
Concen: 19.831 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

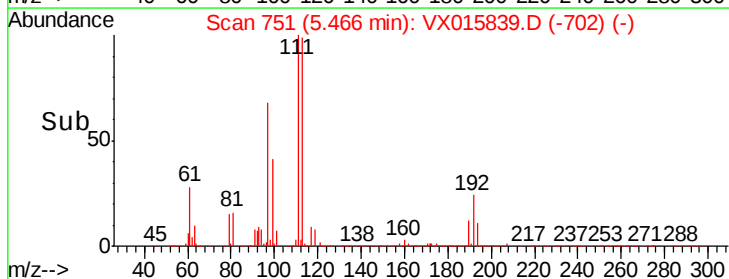
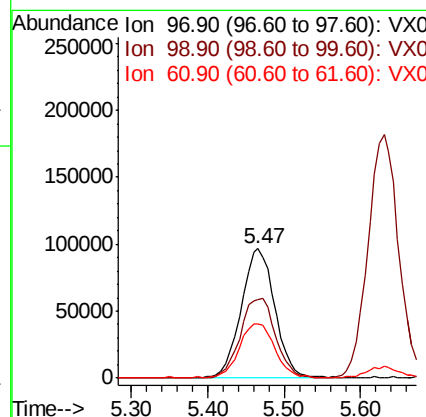
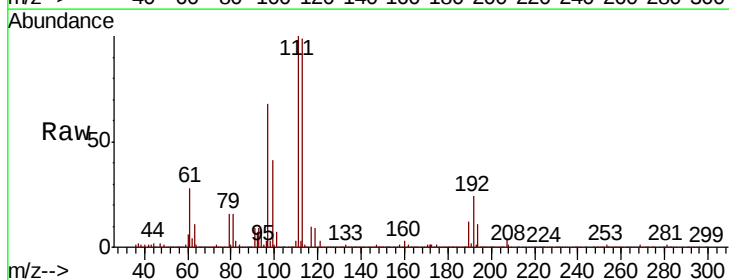
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

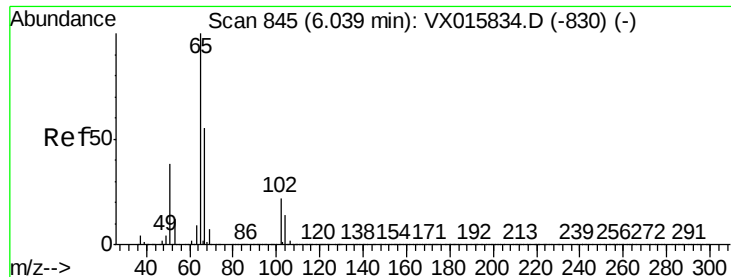
Tot Ion: 56 Resp: 327946
Ion Ratio Lower Upper
56 100
69 27.9 25.3 37.9
84 78.5 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 19.046 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 97 Resp: 297299
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 43.2 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 47.039 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

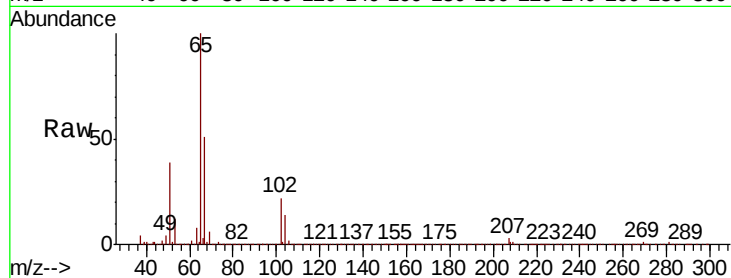
VX0422WBS01

Tot Ion: 65 Resp: 532427

Ion Ratio Lower Upper

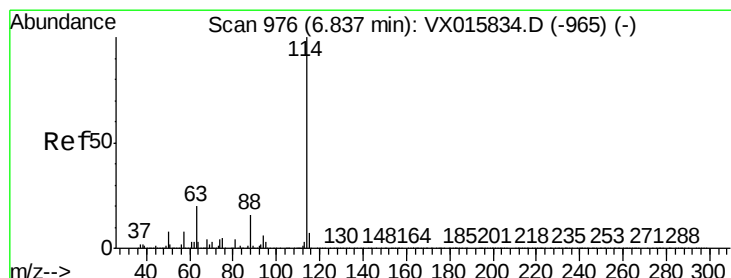
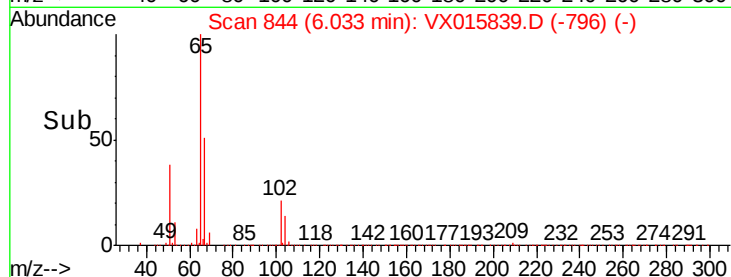
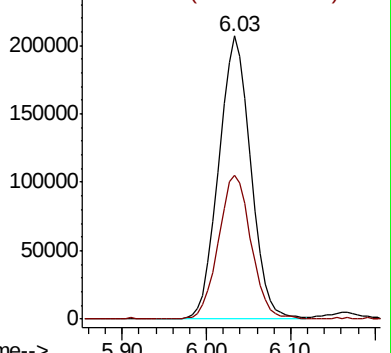
65 100

67 51.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

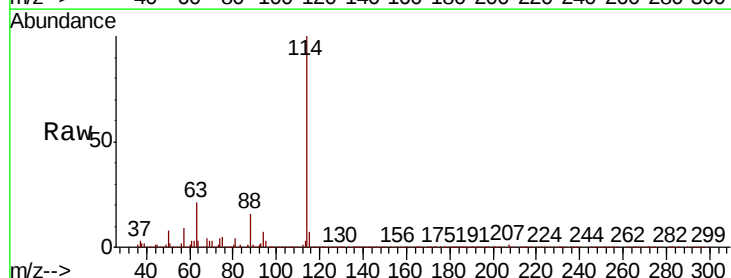
Tgt Ion: 114 Resp: 1432278

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

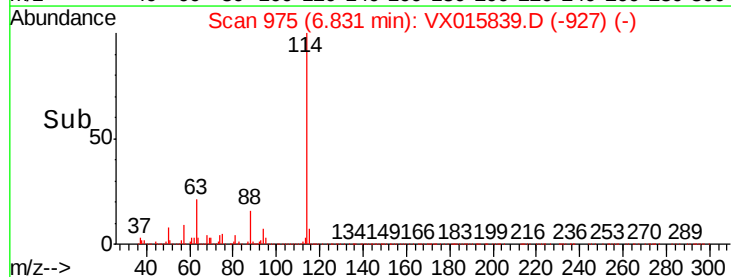
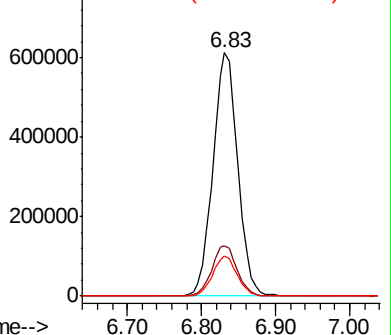
88 16.2 0.0 32.8

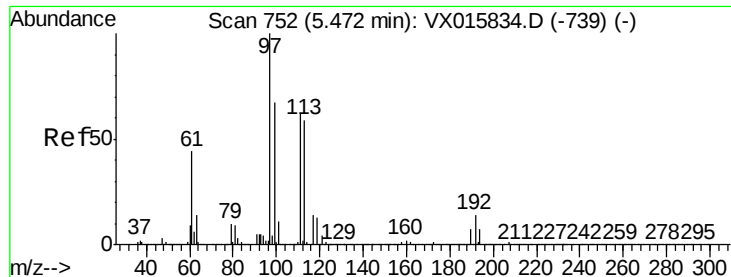


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

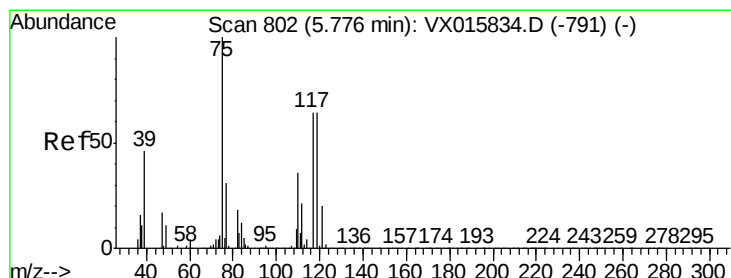
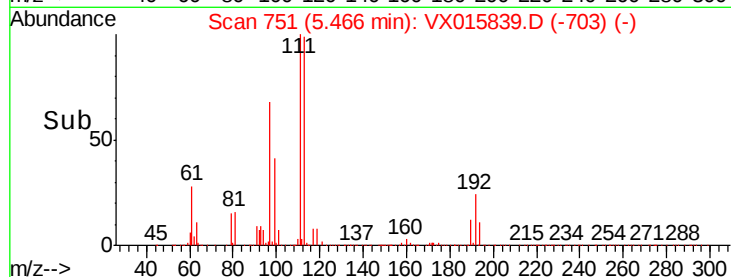
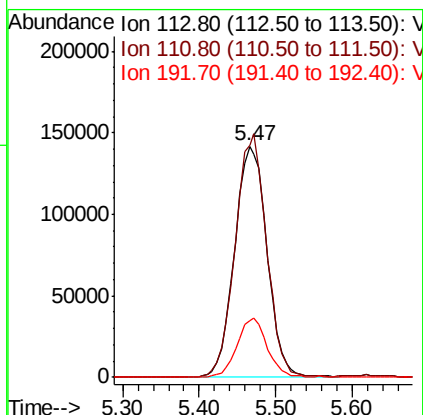
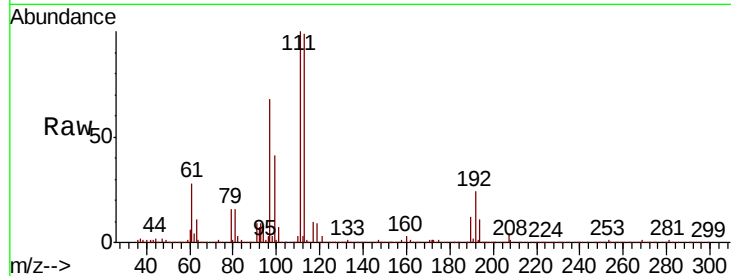




#35
 Dibromofluoromethane
 Concen: 50.583 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

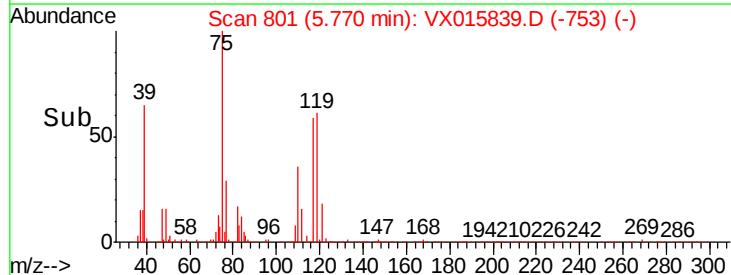
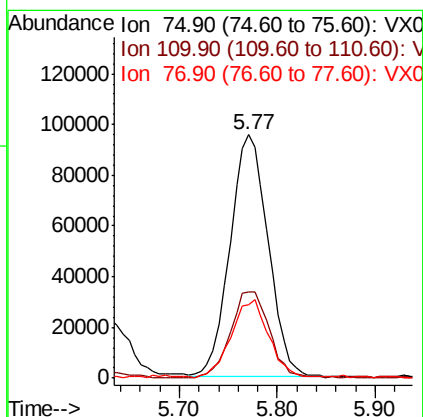
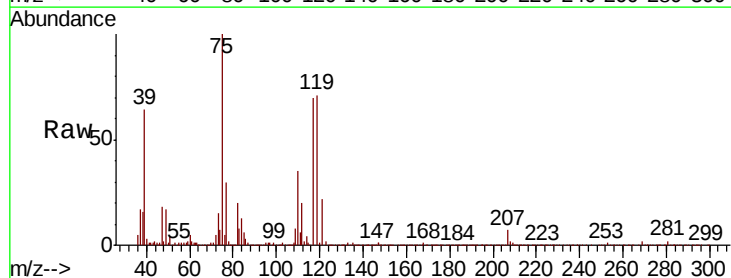
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

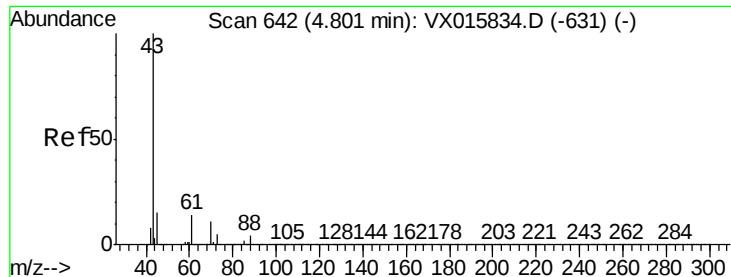
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.7	124.1
192	23.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 20.323 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.9	53.8
77	31.1	24.5	36.7

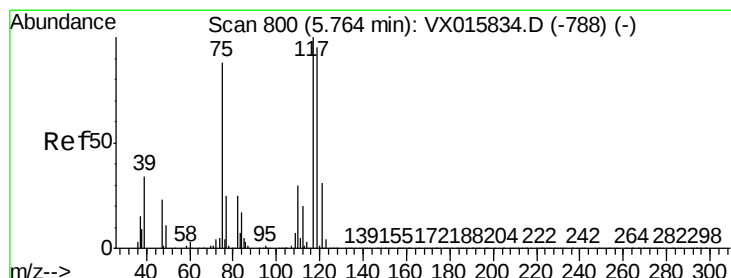
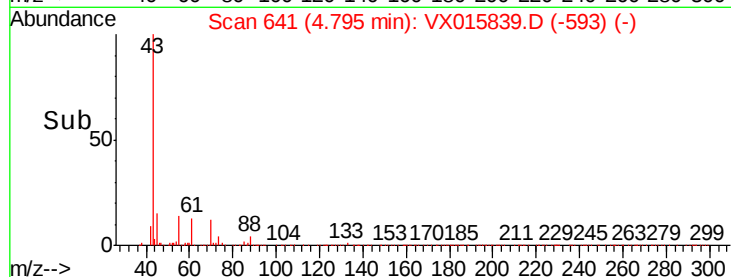
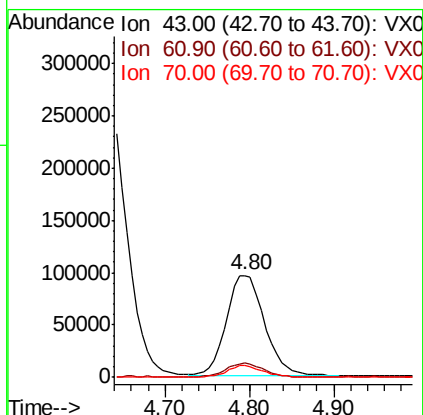
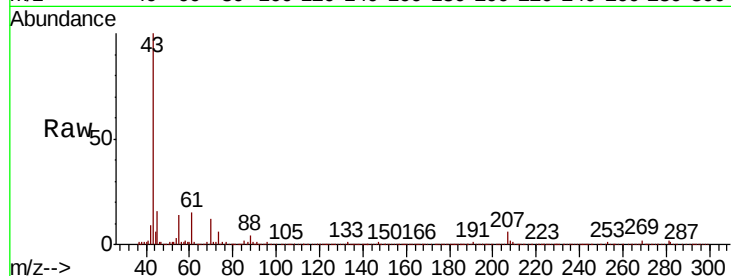




#37
Ethyl Acetate
Concen: 19.629 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

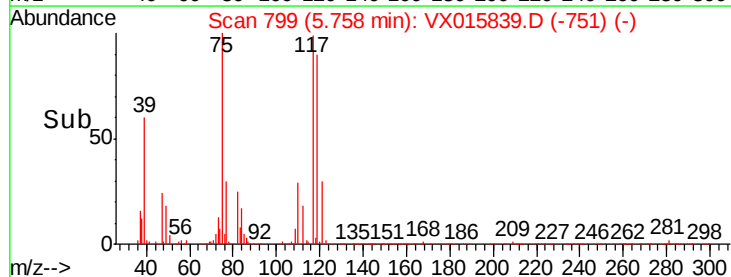
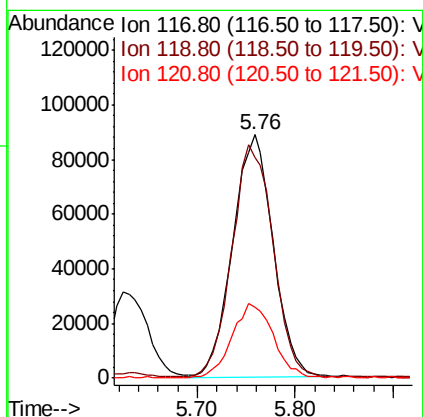
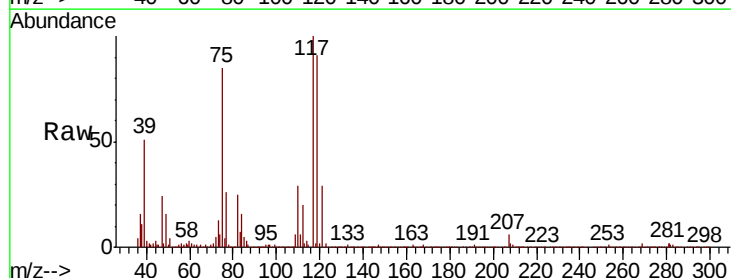
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

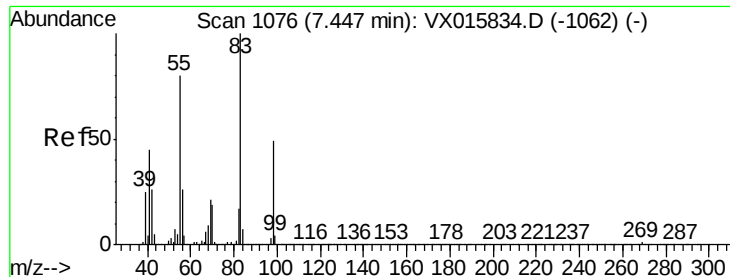
Tot Ion: 43 Resp: 296620
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 10.6 8.2 12.2



#38
Carbon Tetrachloride
Concen: 20.373 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 117 Resp: 254813
Ion Ratio Lower Upper
117 100
119 90.3 75.7 113.5
121 29.2 25.0 37.6

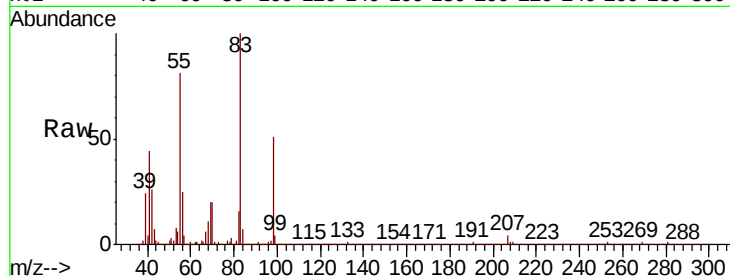




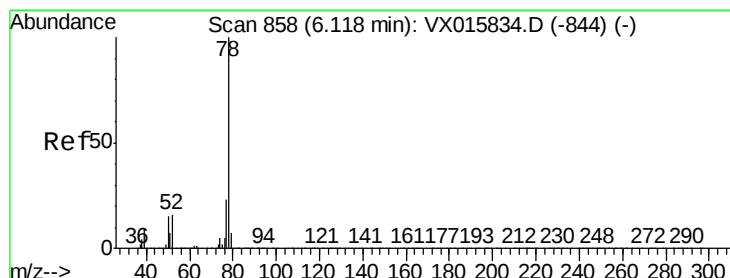
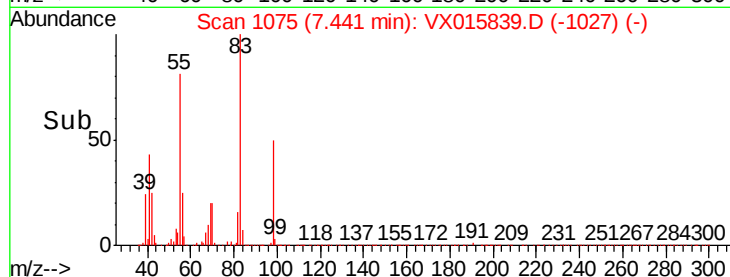
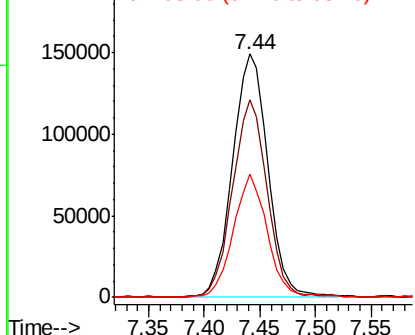
#39
Methvlcvclohexane
Concen: 20.321 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.8	64.2	96.4
98	50.5	39.3	58.9

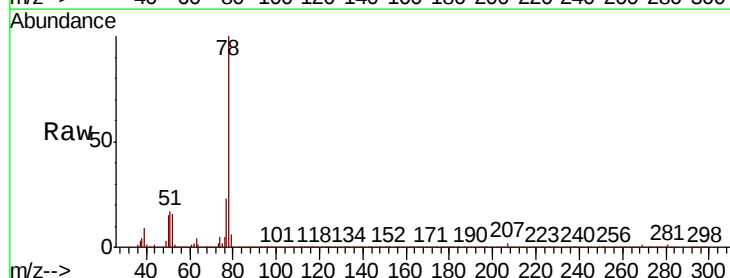


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

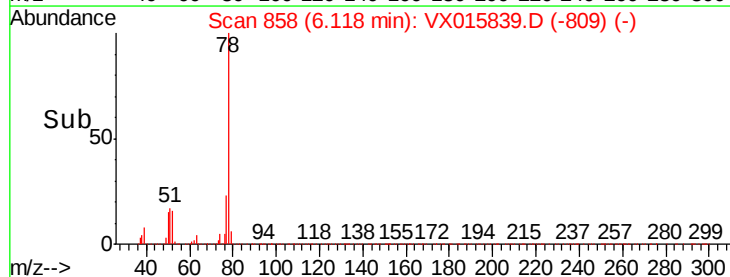
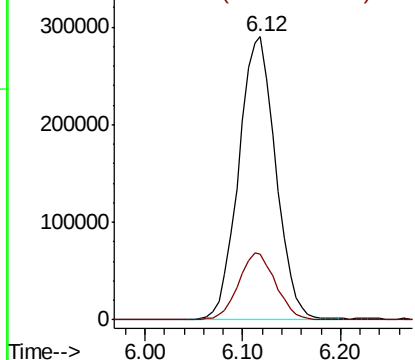


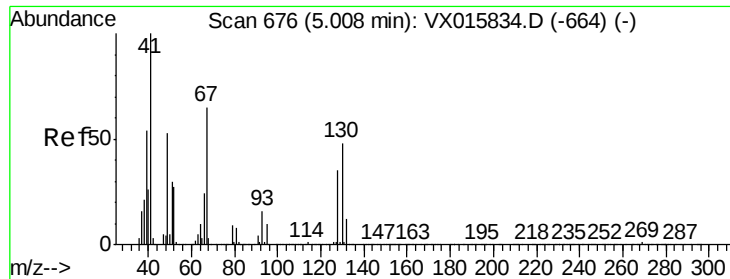
#40
Benzene
Concen: 19.829 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8



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

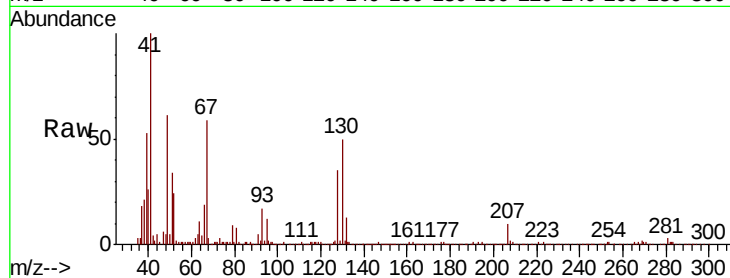




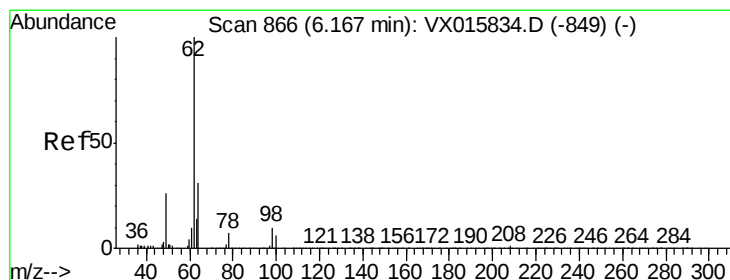
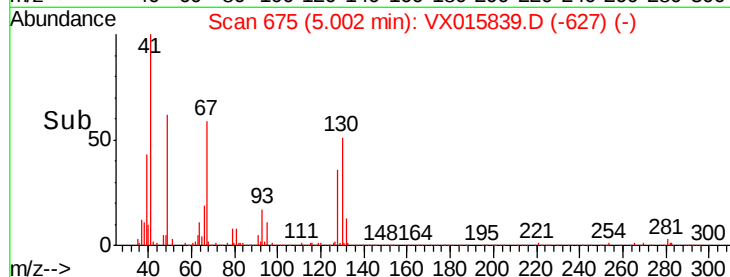
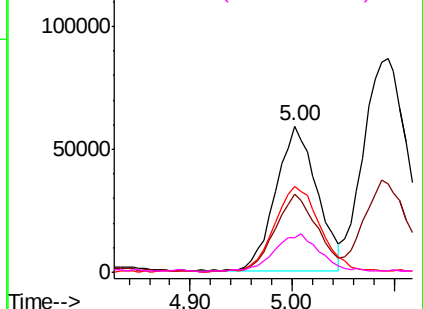
#41
Methacrylonitrile
Concen: 19.623 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampled :
VX0422WBS01

Tot Ion:	41	Resp:	164780
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.4	63.6
67	65.5	51.9	77.9
52	28.3	21.0	31.4

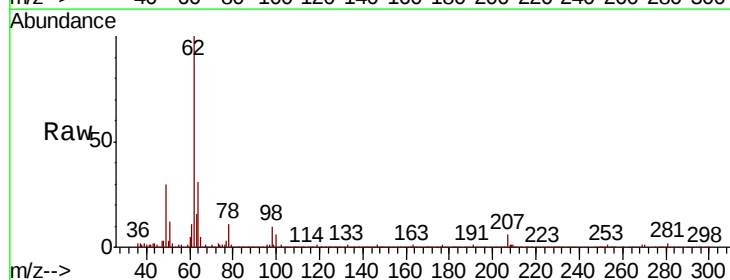


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

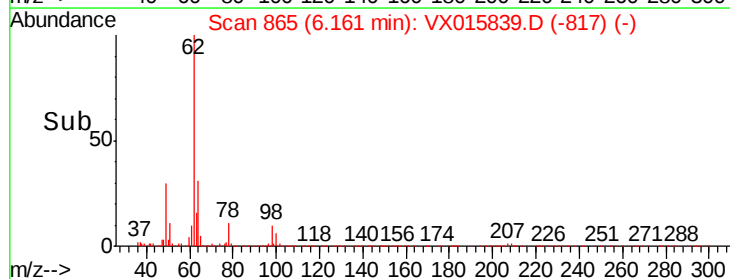
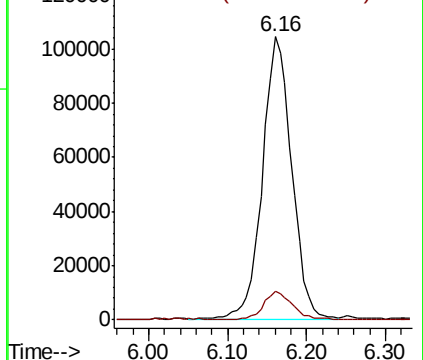


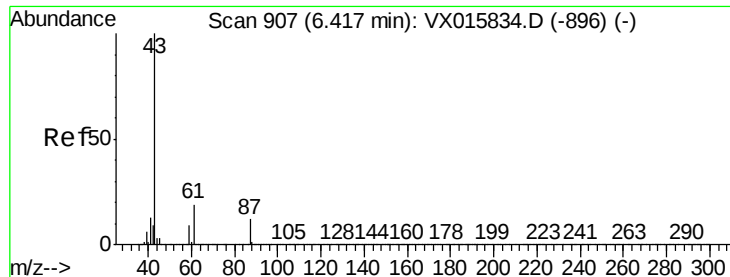
#42
1,2-Dichloroethane
Concen: 19.696 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion:	62	Resp:	271239
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 19.539 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

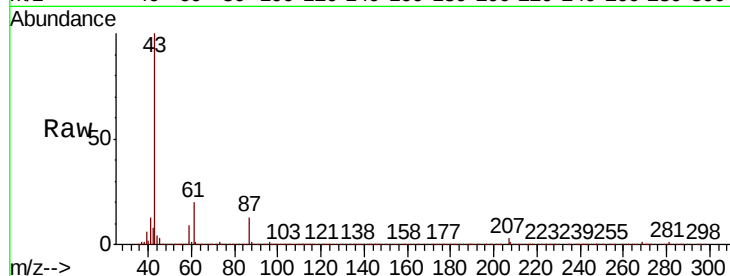
Tot Ion: 43 Resp: 498055

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.2

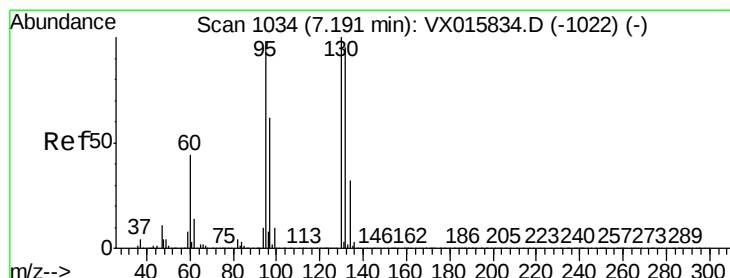
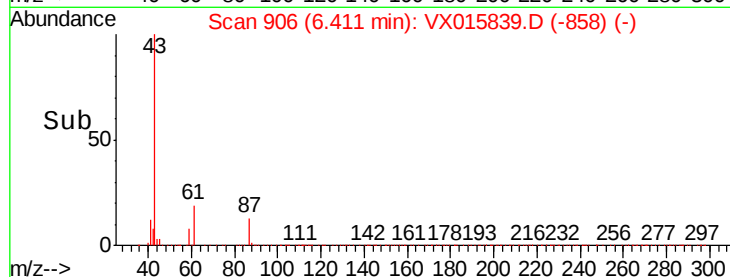
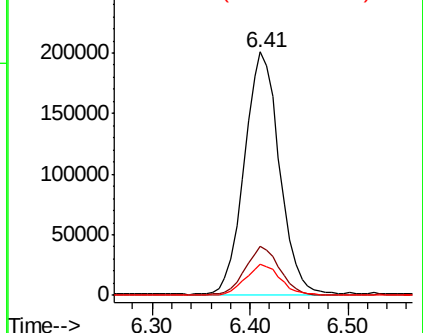
87 12.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.435 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015839.D

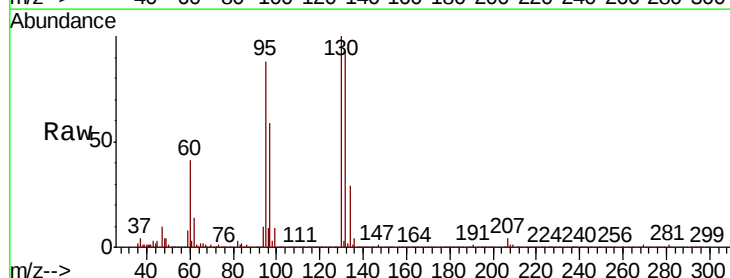
Acq: 22 Apr 2020 14:16

Tgt Ion:130 Resp: 261199

Ion Ratio Lower Upper

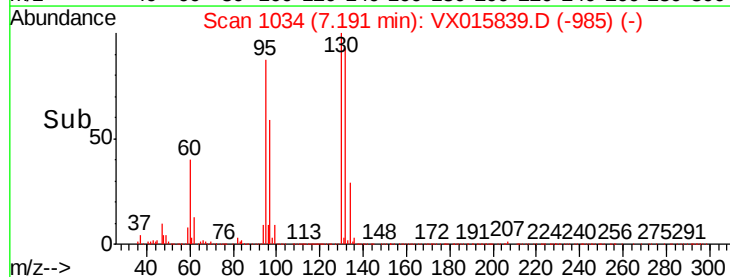
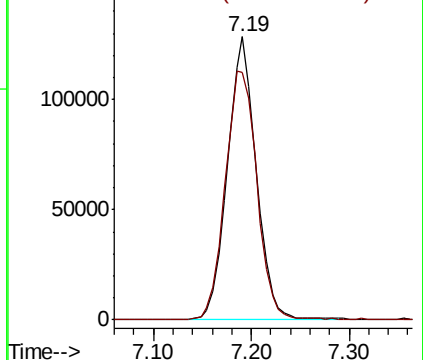
130 100

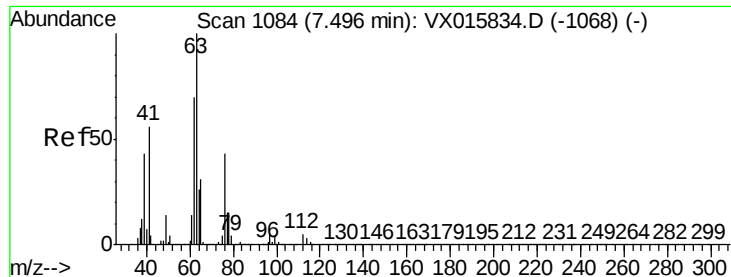
95 87.6 0.0 195.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.648 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

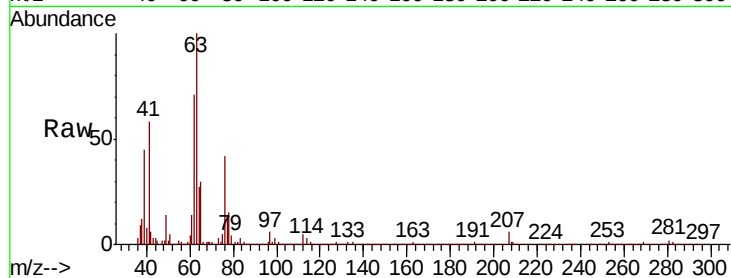
VX0422WBS01

Tot Ion: 63 Resp: 196913

Ion Ratio Lower Upper

63 100

65 29.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

100000

80000

60000

40000

20000

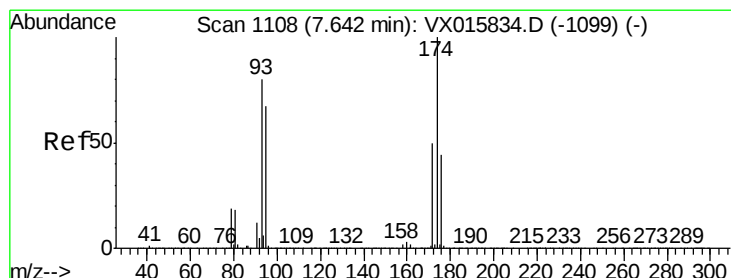
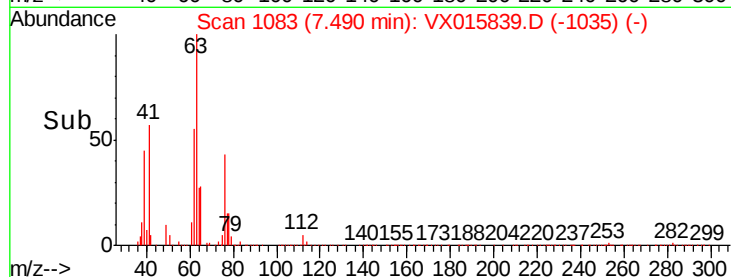
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 19.226 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

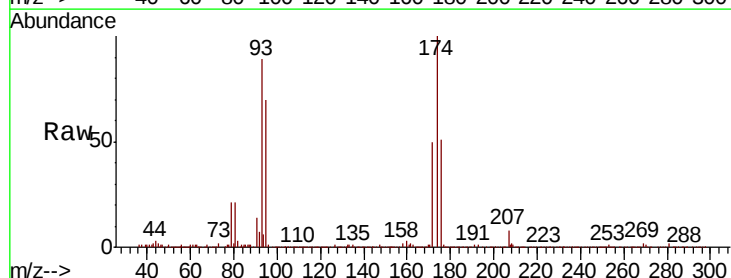
Tgt Ion: 93 Resp: 140656

Ion Ratio Lower Upper

93 100

95 81.2 65.8 98.8

174 115.1 95.6 143.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

40000

20000

0

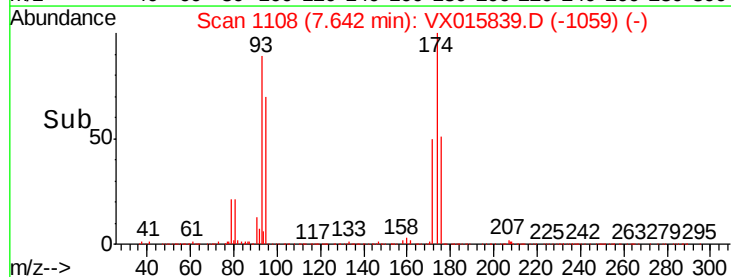
Time-->

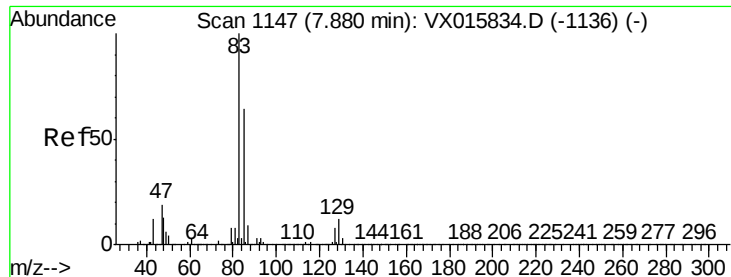
7.55

7.60

7.65

7.70





#47

Bromodichloromethane

Concen: 19.790 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

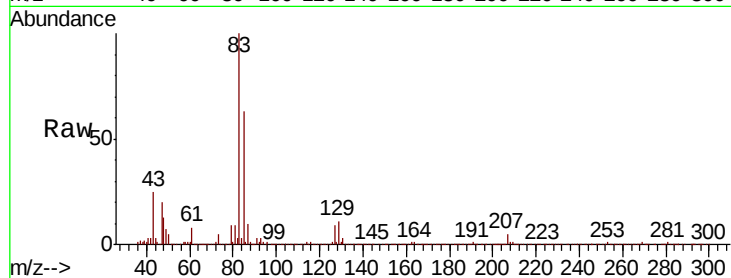
Tot Ion: 83 Resp: 257565

Ion Ratio Lower Upper

83 100

85 62.7 50.8 76.2

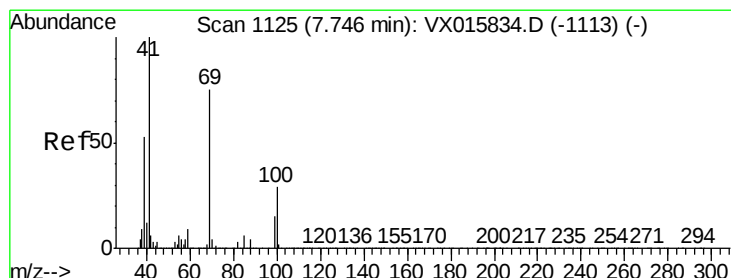
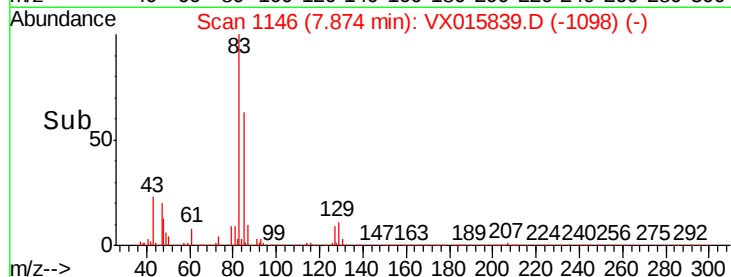
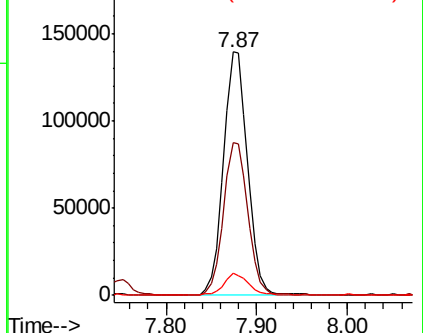
127 8.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 19.435 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

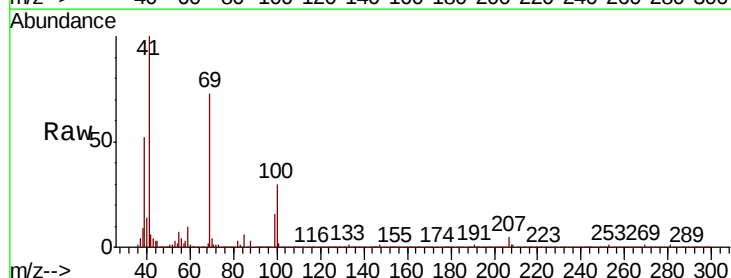
Tgt Ion: 41 Resp: 243691

Ion Ratio Lower Upper

41 100

69 75.8 60.5 90.7

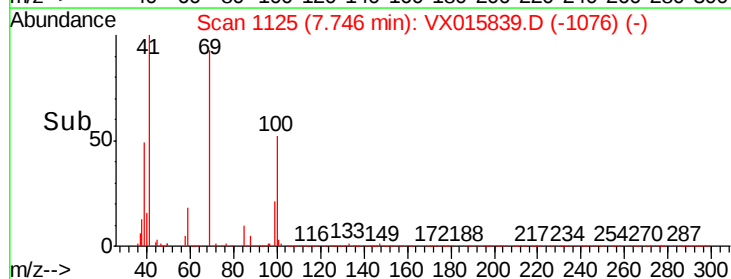
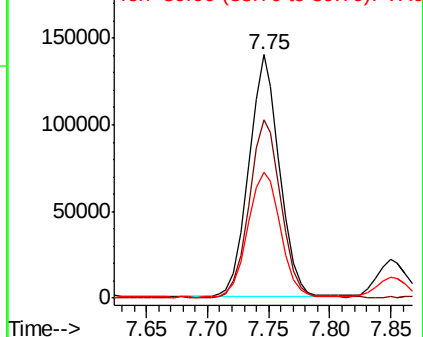
39 54.7 42.1 63.1

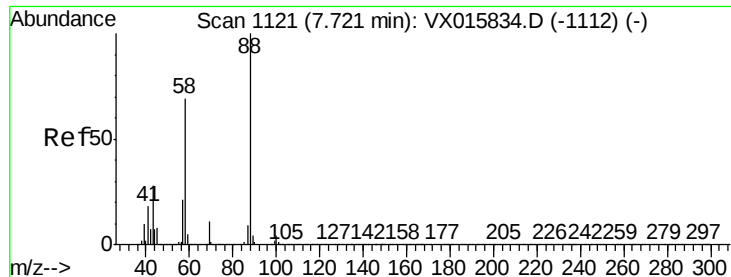


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

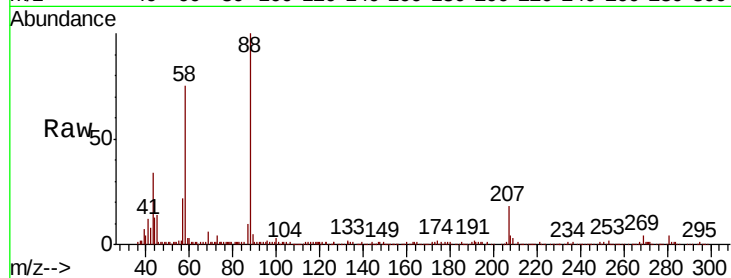




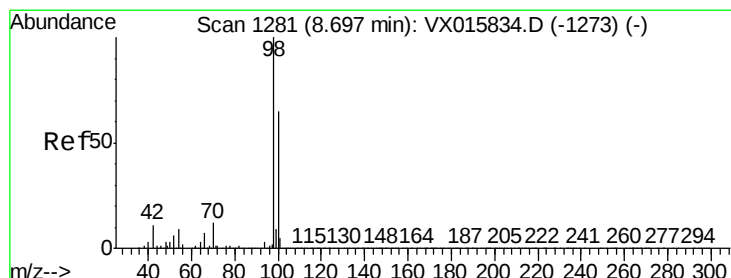
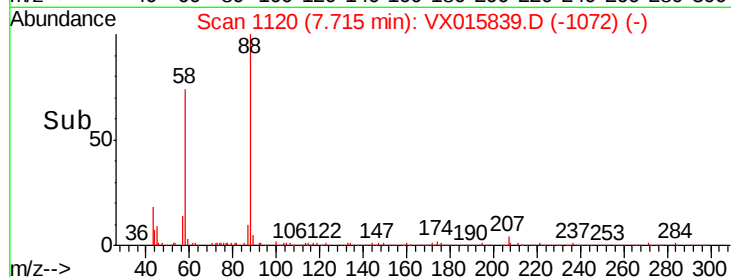
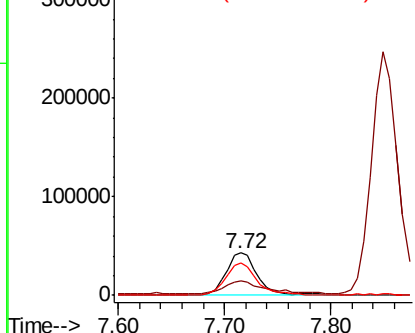
#49
1,4-Dioxane
Concen: 366.983 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.4	28.2	42.4
58	75.9	58.9	88.3

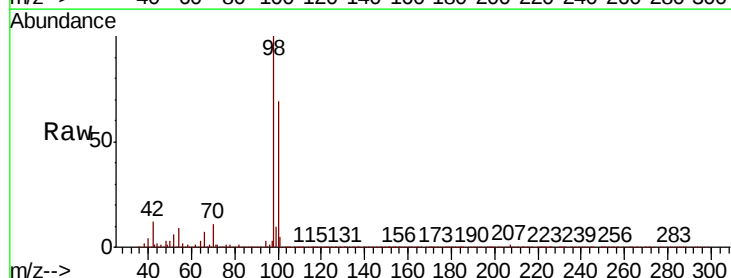


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

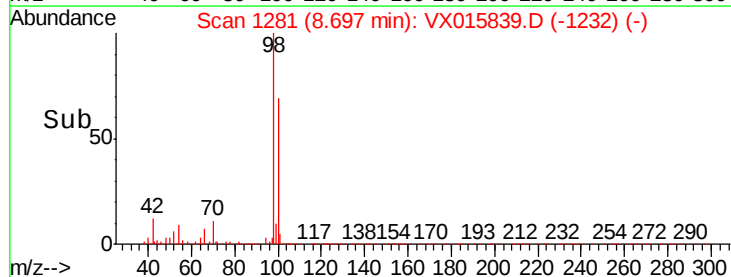
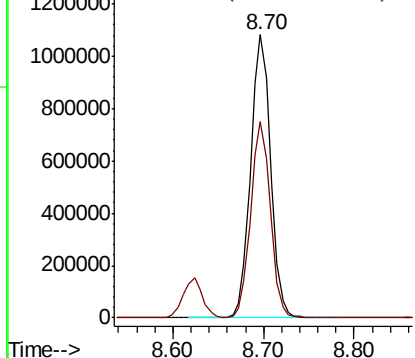


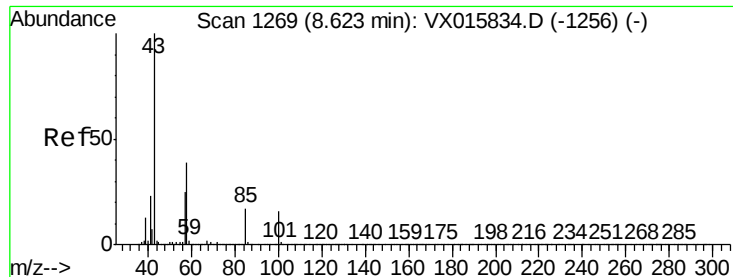
#50
Toluene-d8
Concen: 49.639 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.8	80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

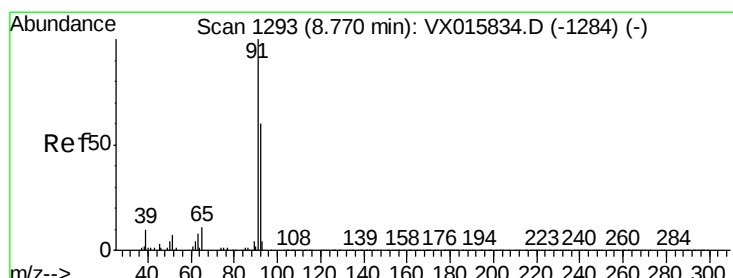
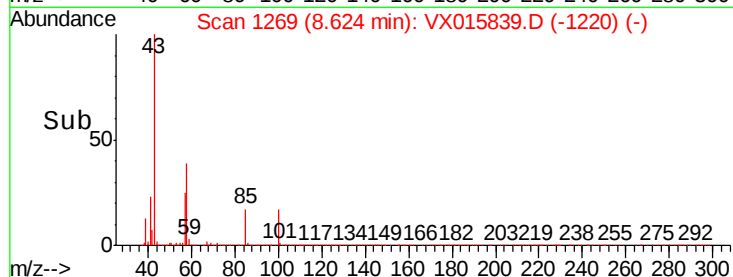
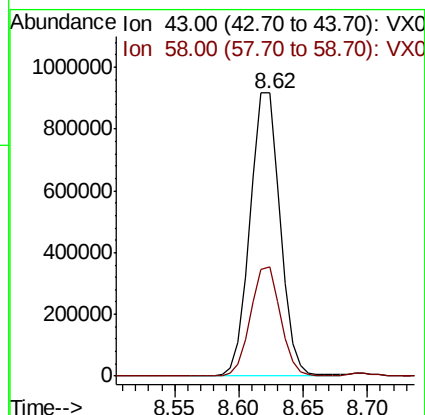
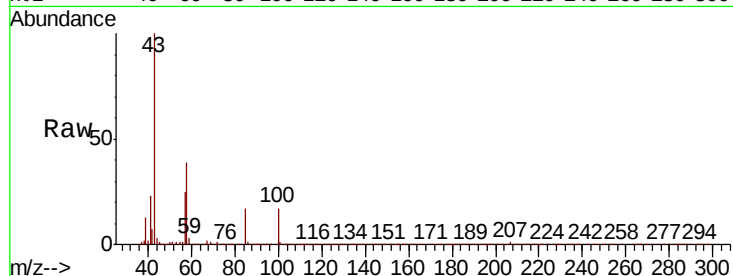




#51
 4-Methyl-2-Pentanone
 Concen: 99.695 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

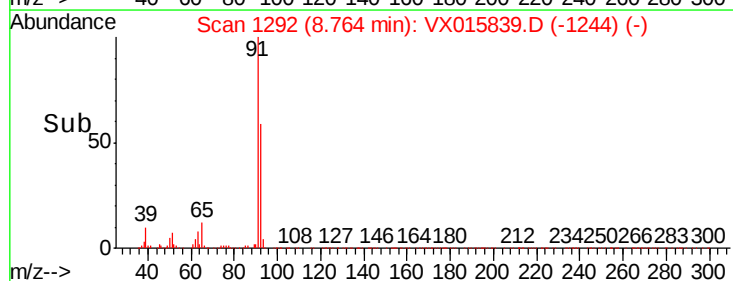
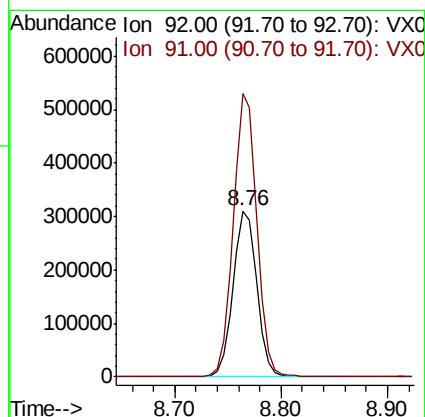
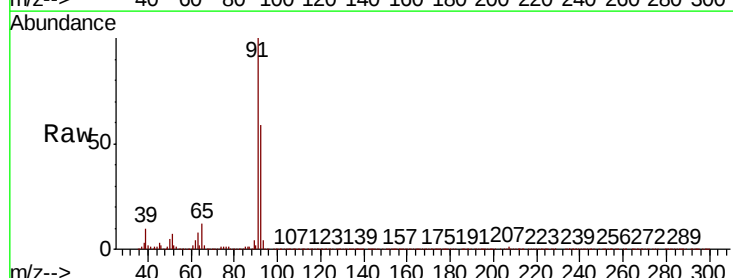
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0422WBS01

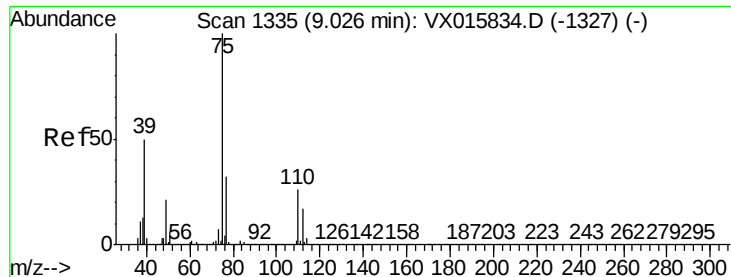
Tot Ion: 43 Resp: 1466861
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.6 45.8



#52
 Toluene
 Concen: 19.870 ug/l
 RT: 8.76 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion: 92 Resp: 487057
 Ion Ratio Lower Upper
 92 100
 91 168.4 133.4 200.0





#53

t-1,3-Dichloropropene

Concen: 19.878 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

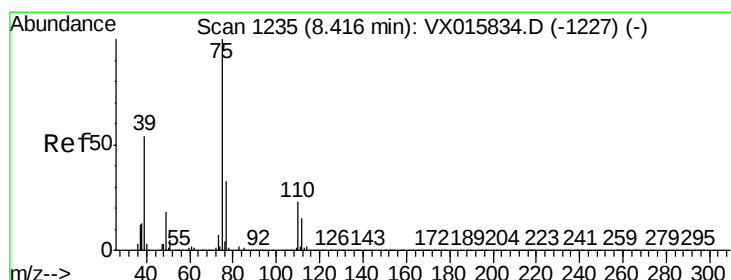
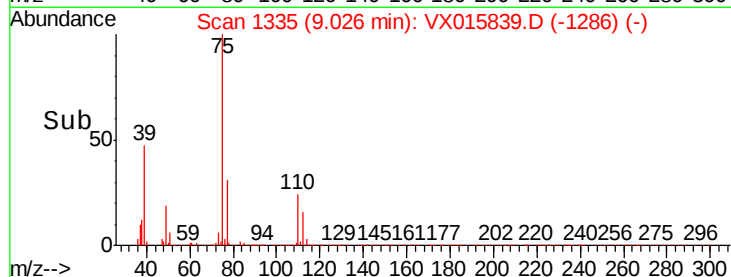
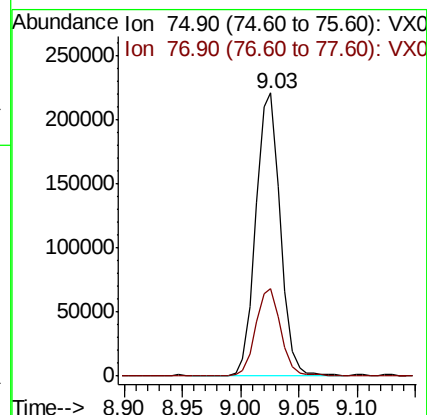
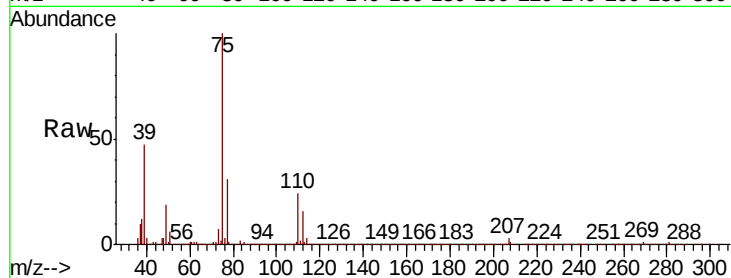
VX0422WBS01

Tot Ion: 75 Resp: 321004

Ion Ratio Lower Upper

75 100

77 30.9 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 19.875 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

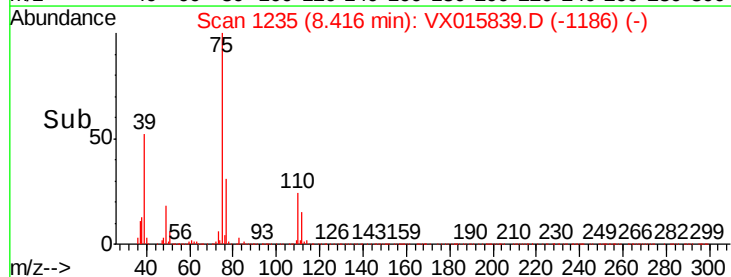
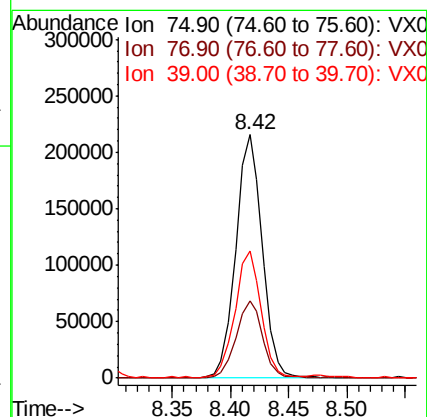
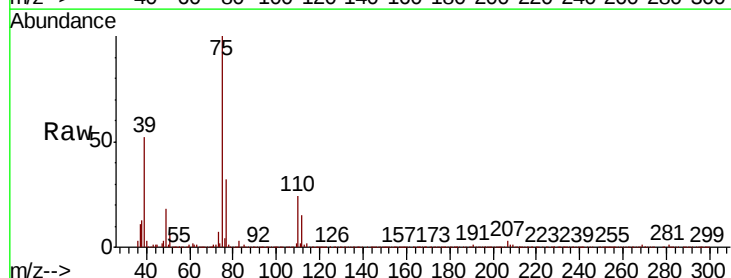
Tgt Ion: 75 Resp: 339220

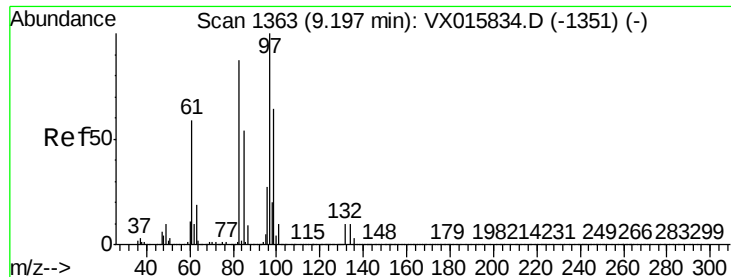
Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0

39 51.9 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 20.026 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 97 Resp: 191687

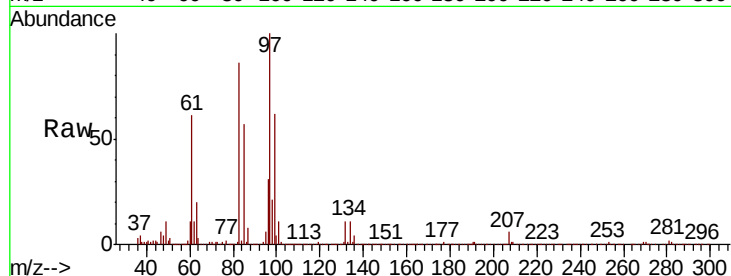
Ion Ratio Lower Upper

97 100

83 86.4 69.8 104.8

85 57.0 43.4 65.2

99 61.9 51.2 76.8

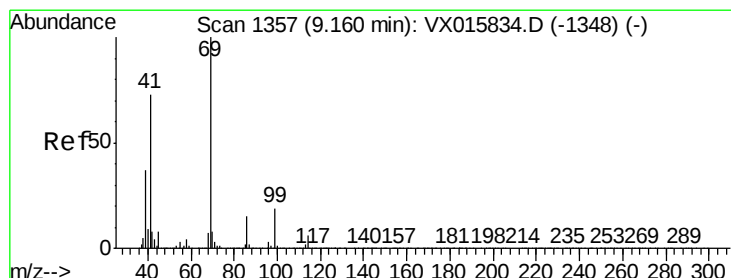
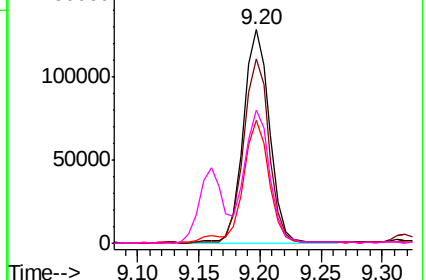
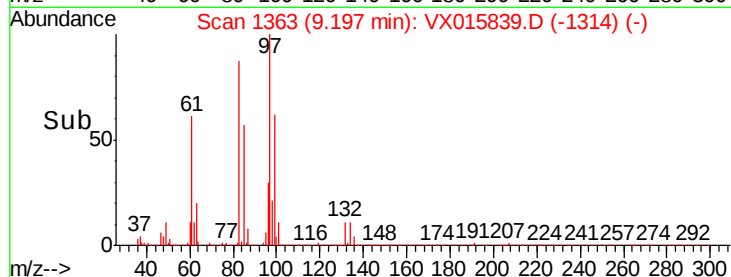


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.380 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

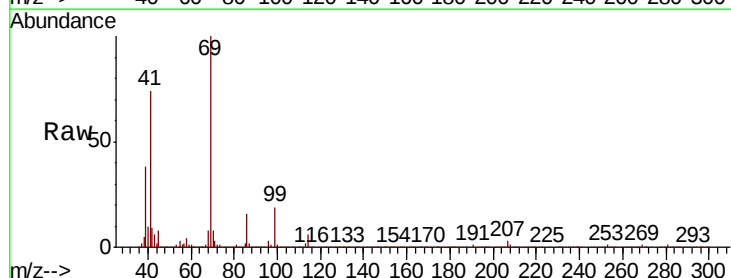
Tgt Ion: 69 Resp: 314209

Ion Ratio Lower Upper

69 100

41 73.4 57.4 86.2

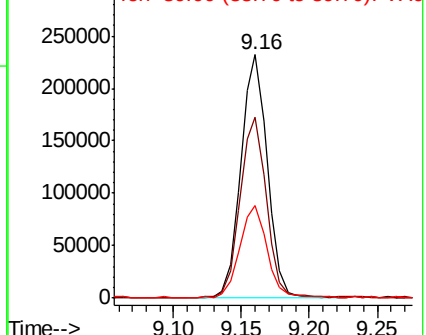
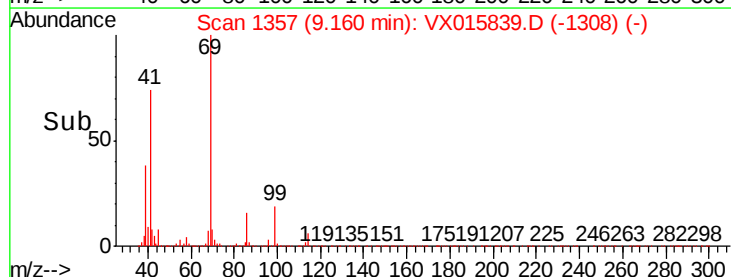
39 38.4 29.7 44.5

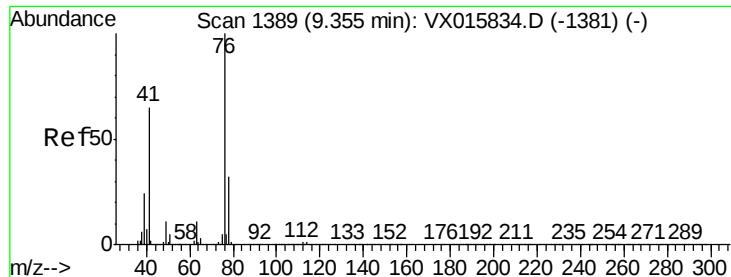


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.805 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

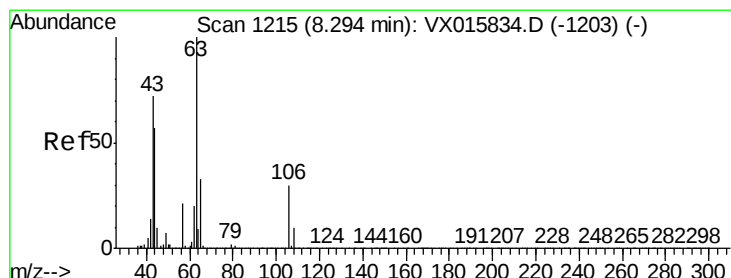
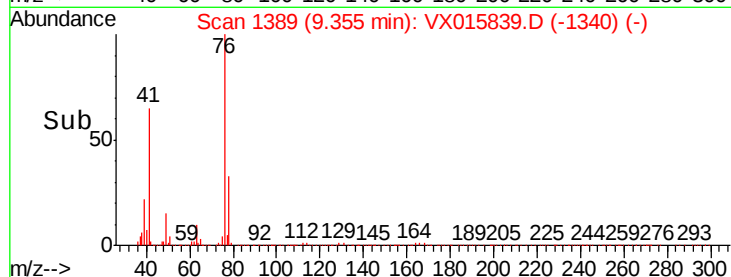
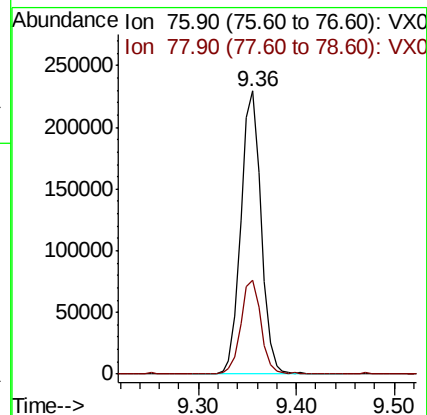
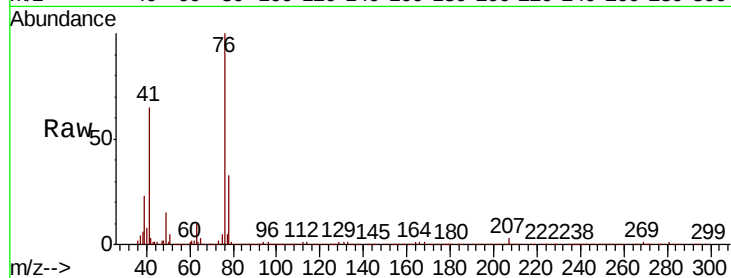
VX0422WBS01

Tot Ion: 76 Resp: 329416

Ion Ratio Lower Upper

76 100

78 32.7 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.988 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015839.D

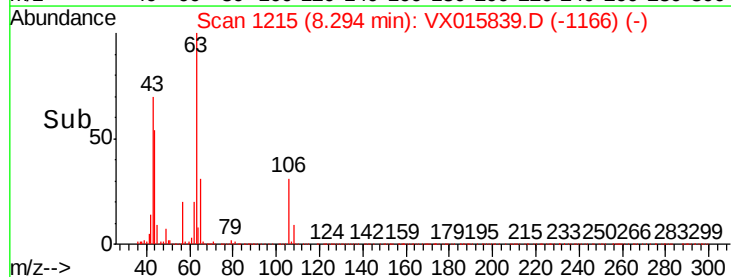
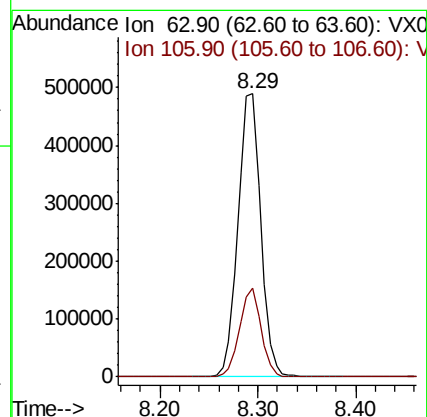
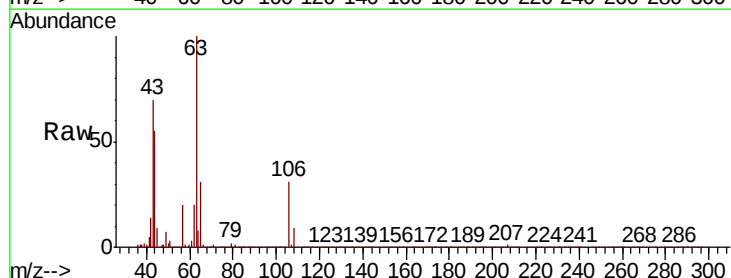
Acq: 22 Apr 2020 14:16

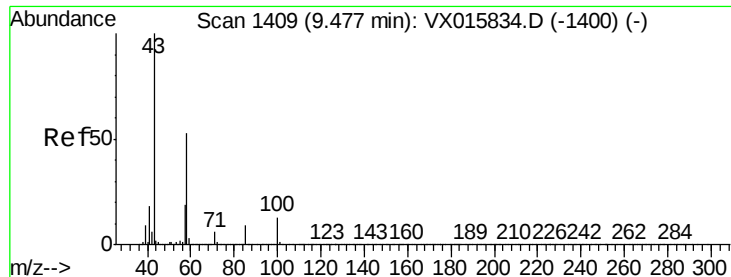
Tgt Ion: 63 Resp: 793637

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8

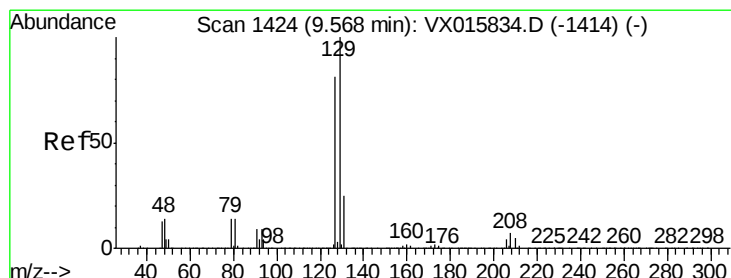
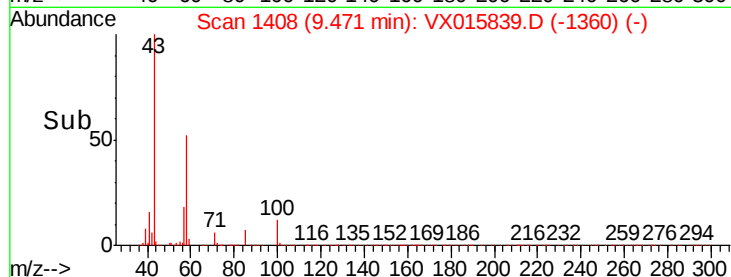
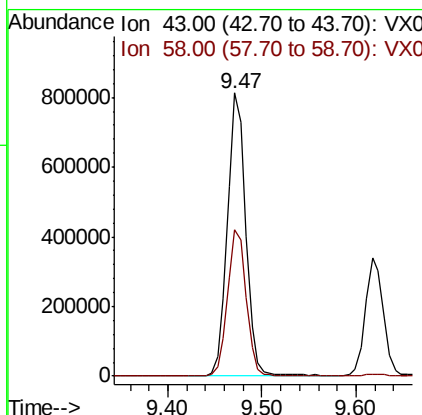
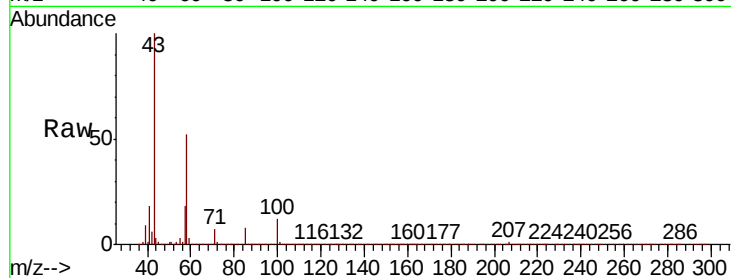




#59
2-Hexanone
Concen: 97.300 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

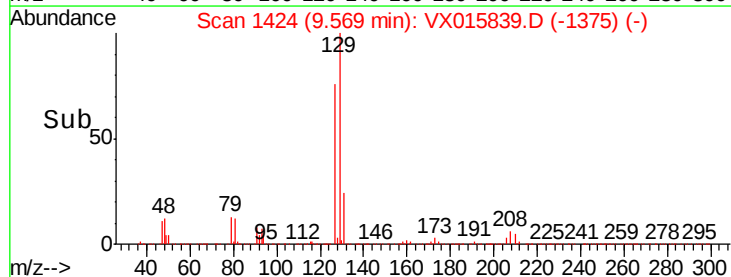
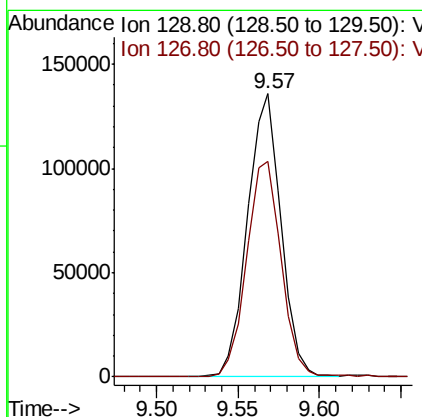
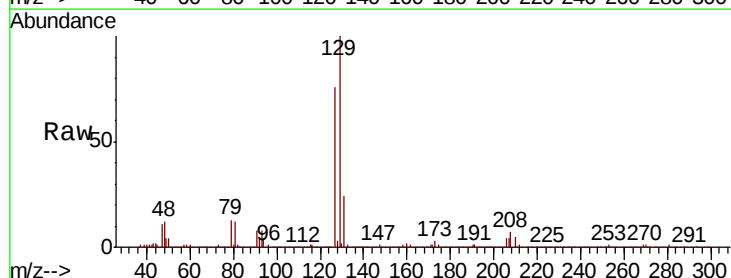
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

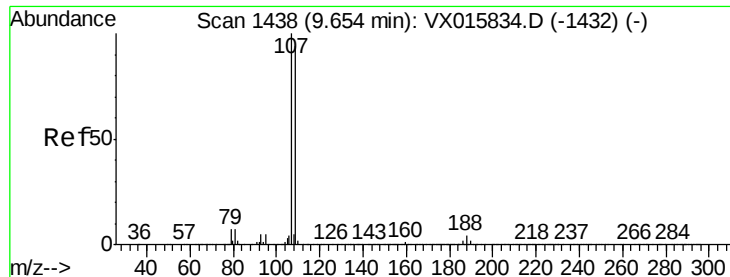
Tot Ion: 43 Resp: 1090619
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.4



#60
Dibromochloromethane
Concen: 19.596 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 129 Resp: 193704
Ion Ratio Lower Upper
129 100
127 78.4 40.0 120.0





#61

1,2-Dibromoethane

Concen: 19.048 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

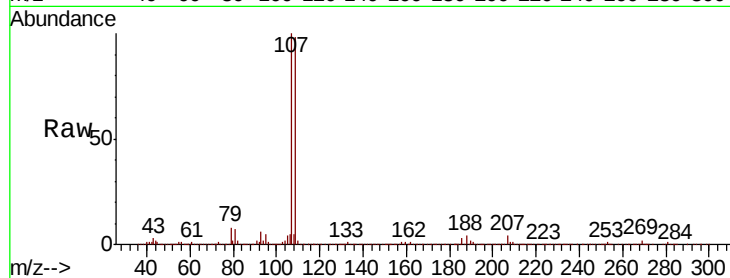
VX0422WBS01

Tot Ion:107 Resp: 201506

Ion Ratio Lower Upper

107 100

109 95.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

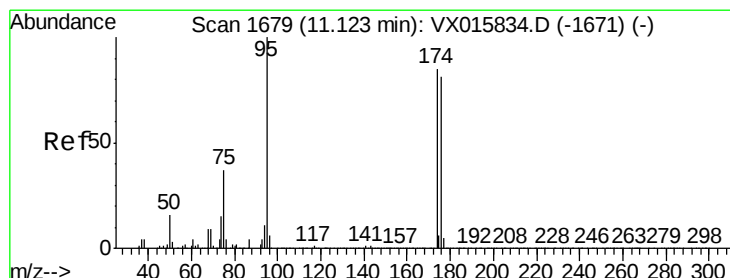
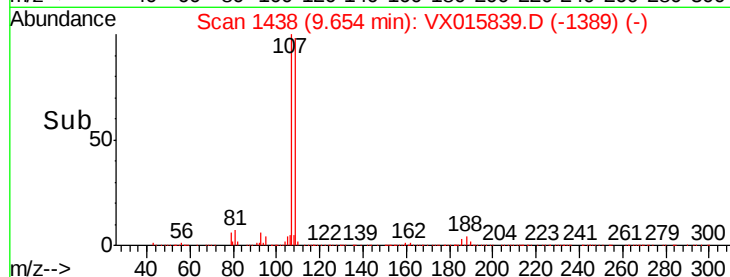
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 48.020 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

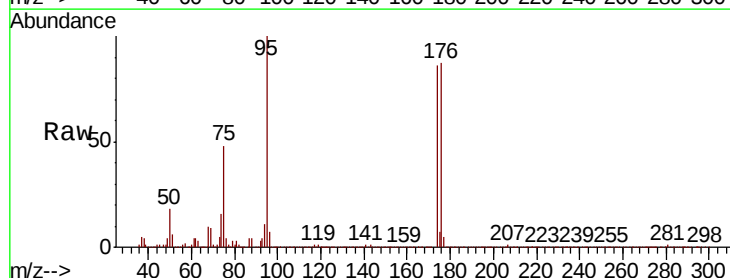
Tgt Ion: 95 Resp: 655623

Ion Ratio Lower Upper

95 100

174 84.8 0.0 172.4

176 84.5 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

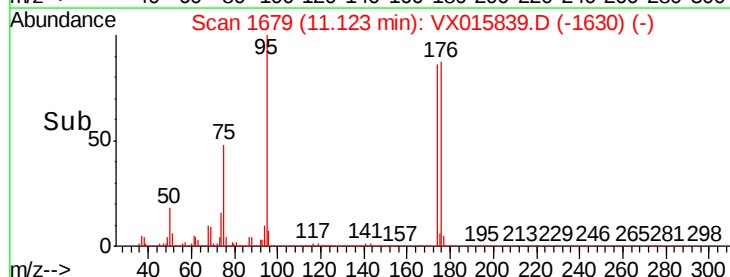
600000

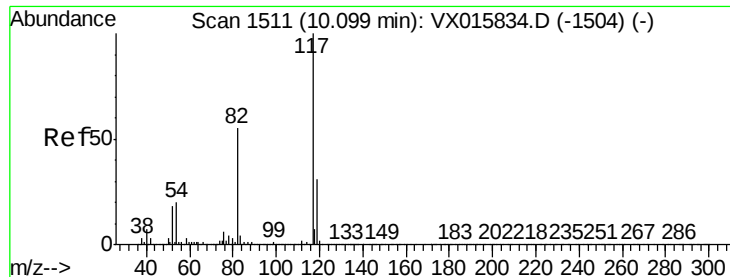
400000

200000

0

Time--> 11.10 11.20

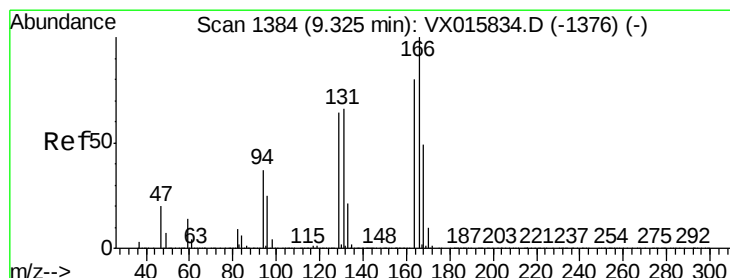
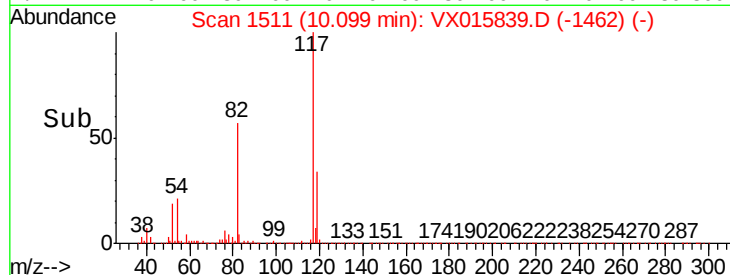
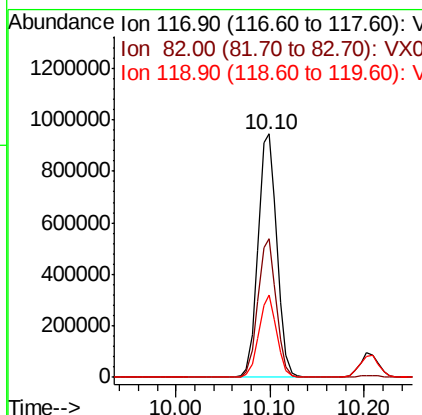
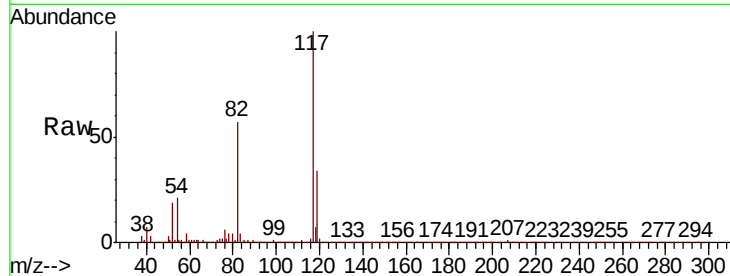




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

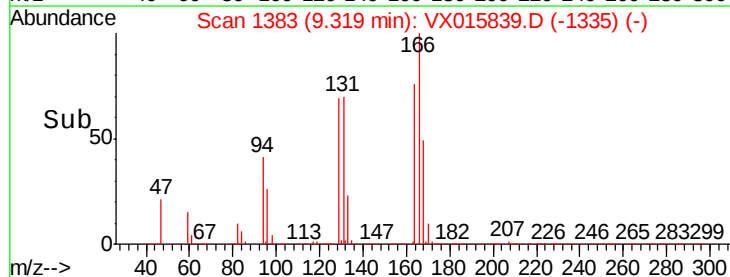
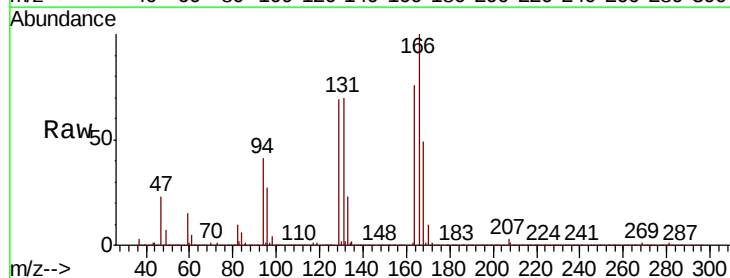
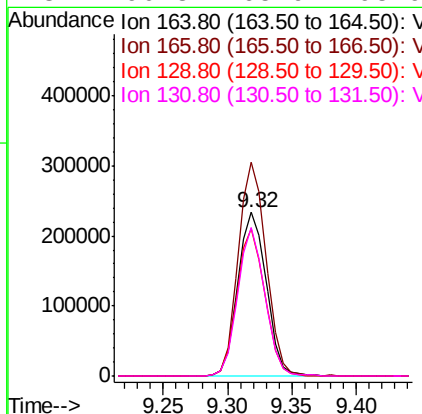
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

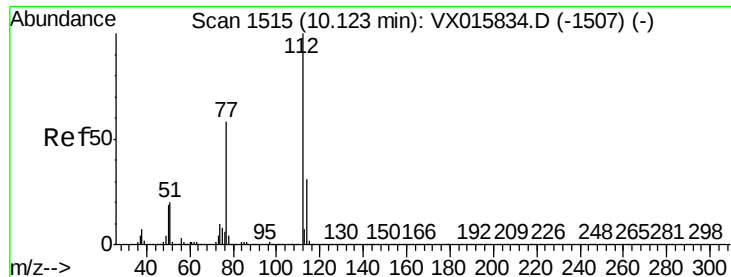
Tot Ion:117 Resp: 1336154
Ion Ratio Lower Upper
117 100
82 57.1 43.9 65.9
119 33.7 25.1 37.7



#64
Tetrachloroethene
Concen: 19.864 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion:164 Resp: 357758
Ion Ratio Lower Upper
164 100
166 130.7 100.2 150.2
129 90.3 64.5 96.7
131 90.8 65.9 98.9

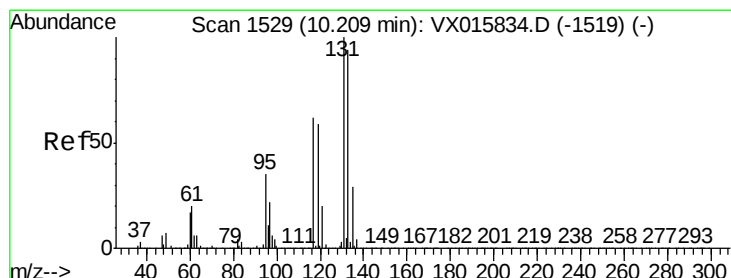
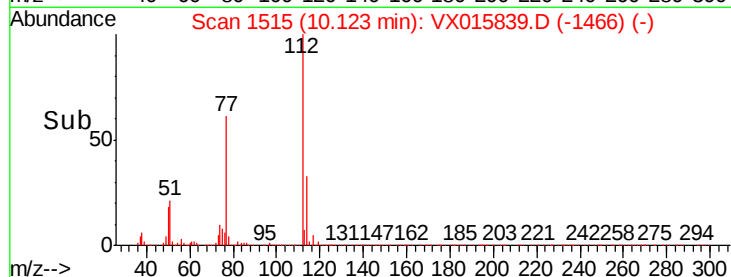
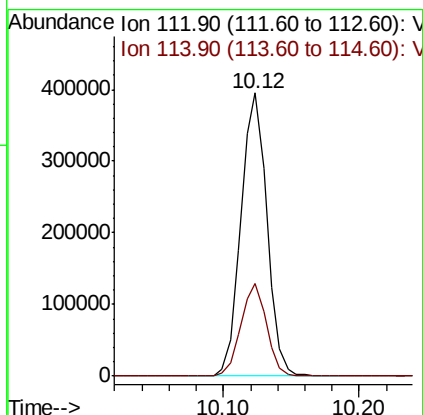
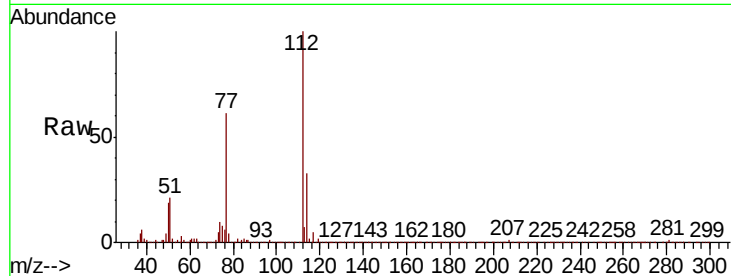




#65
Chlorobenzene
Concen: 19.688 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

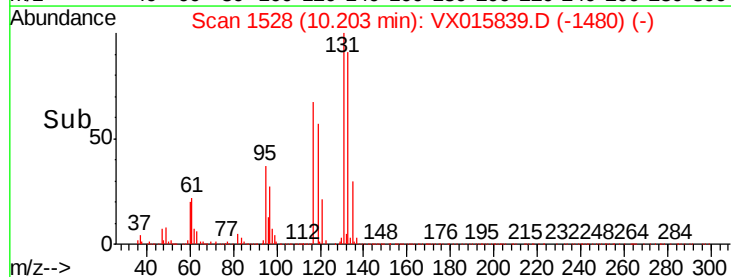
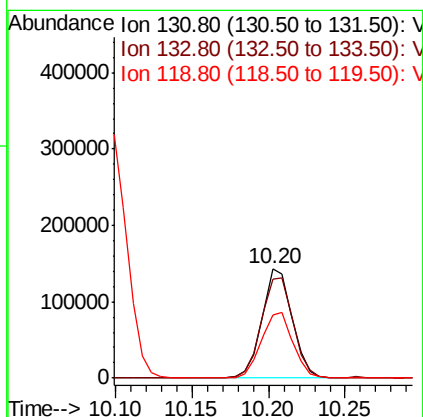
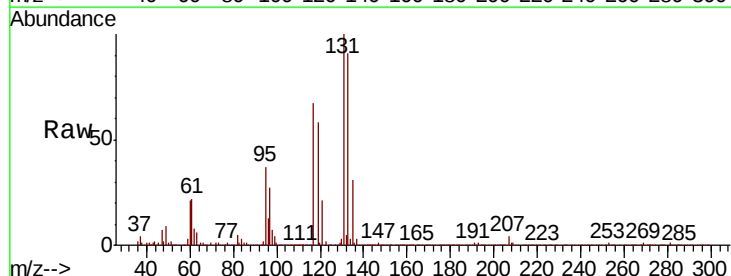
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

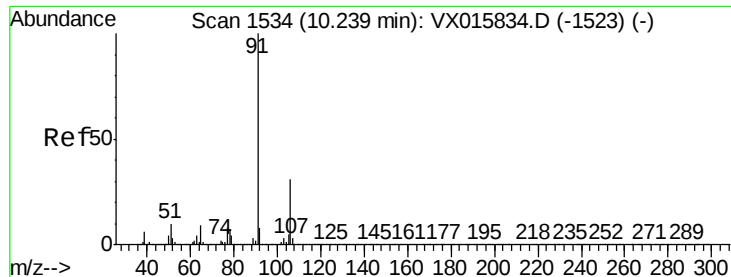
Tot Ion:112 Resp: 526052
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.826 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion:131 Resp: 198012
Ion Ratio Lower Upper
131 100
133 95.5 47.0 141.2
119 62.0 30.9 92.8





#67

Ethyl Benzene

Concen: 19.955 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

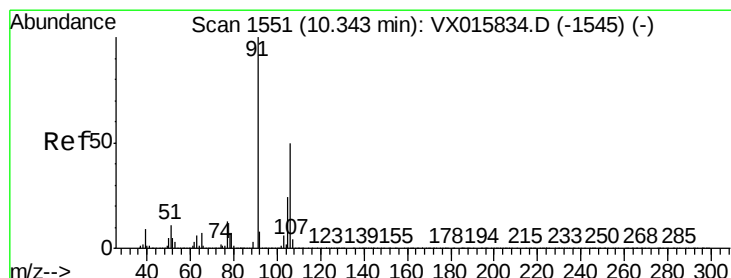
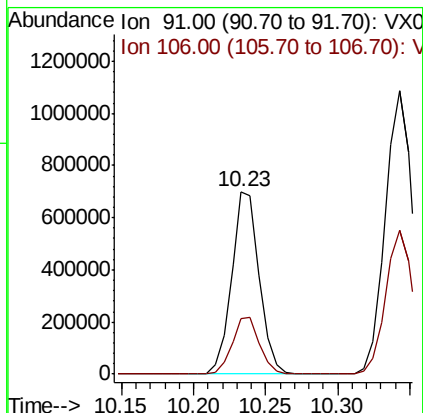
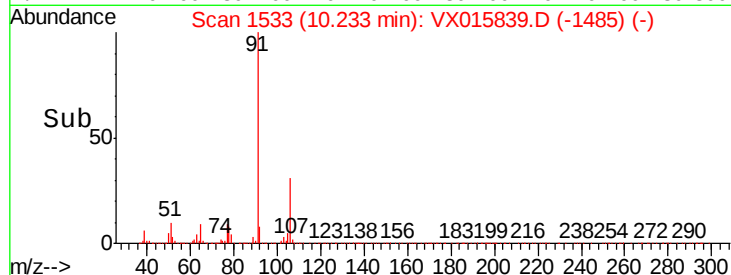
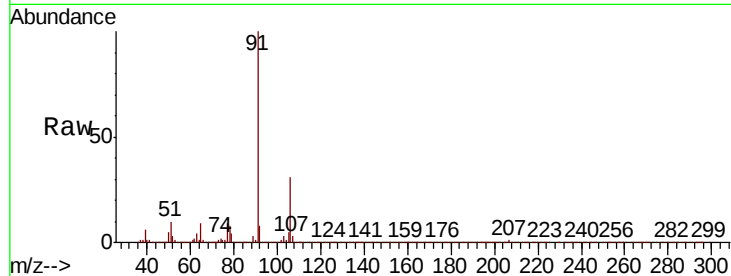
VX0422WBS01

Tot Ion: 91 Resp: 936289

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 41.535 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015839.D

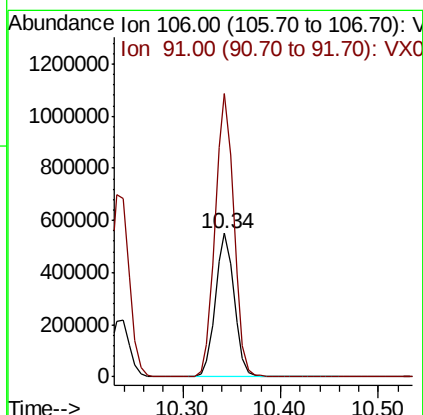
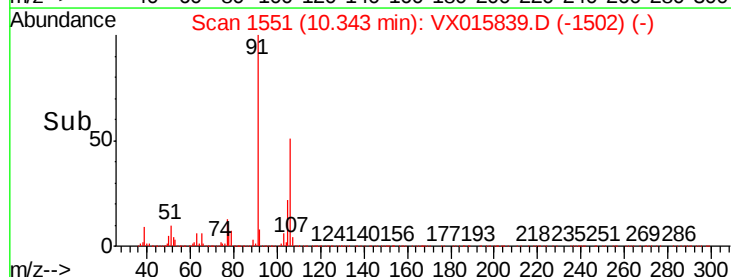
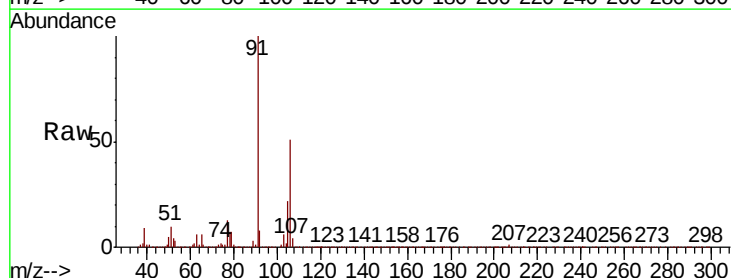
Acq: 22 Apr 2020 14:16

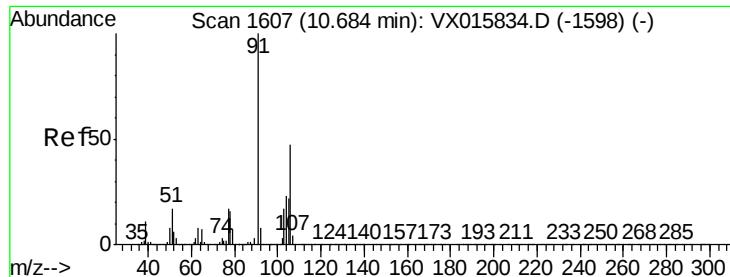
Tgt Ion: 106 Resp: 731501

Ion Ratio Lower Upper

106 100

91 197.6 161.1 241.7

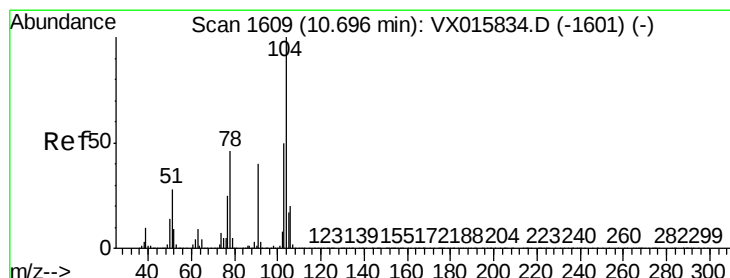
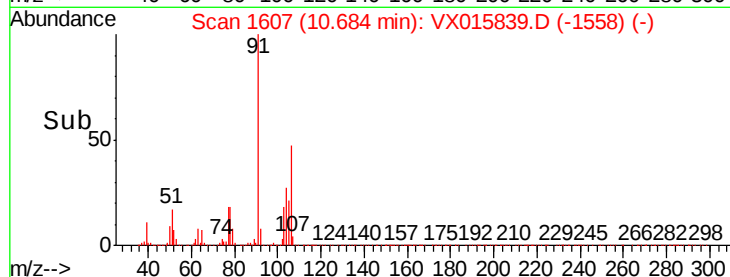
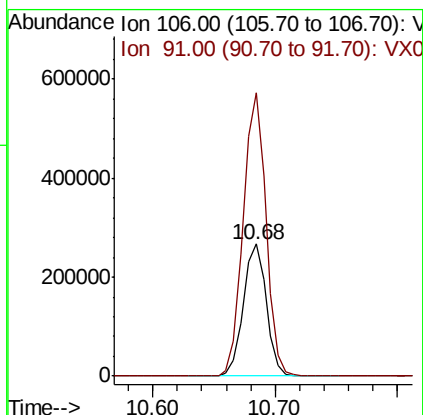
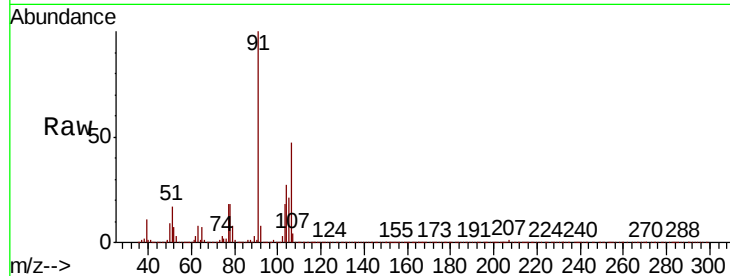




#69
o-Xylene
Concen: 19.980 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

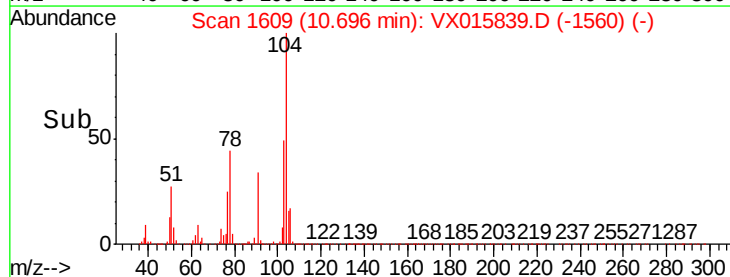
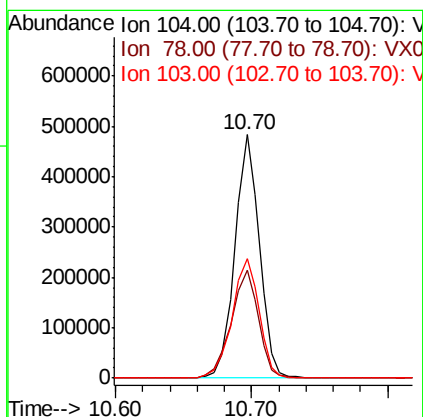
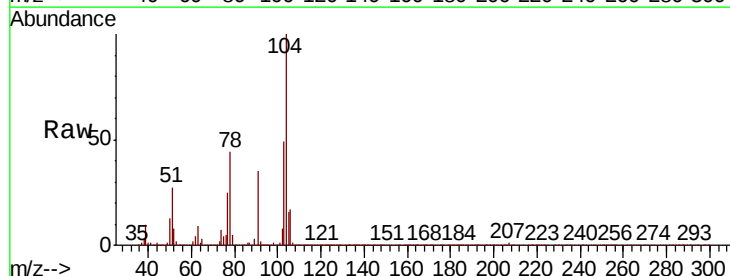
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

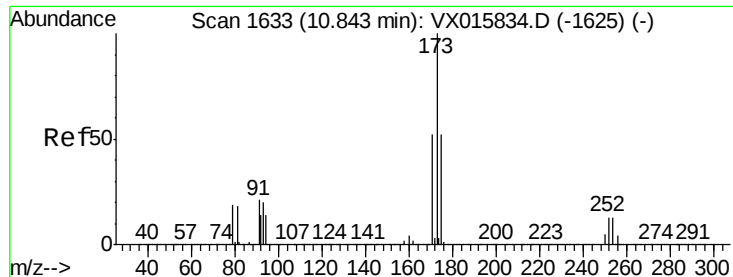
Tot Ion:106 Resp: 346264
Ion Ratio Lower Upper
106 100
91 212.8 107.1 321.3



#70
Styrene
Concen: 20.061 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion:104 Resp: 601988
Ion Ratio Lower Upper
104 100
78 49.8 40.1 60.1
103 54.1 43.3 64.9

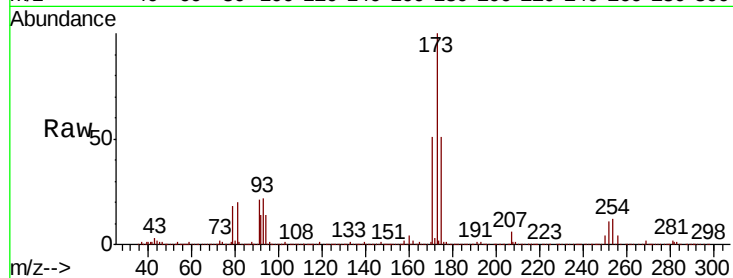




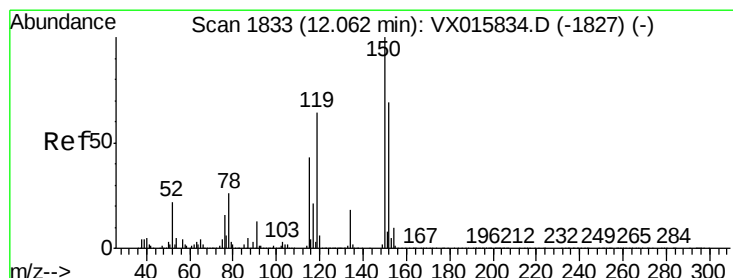
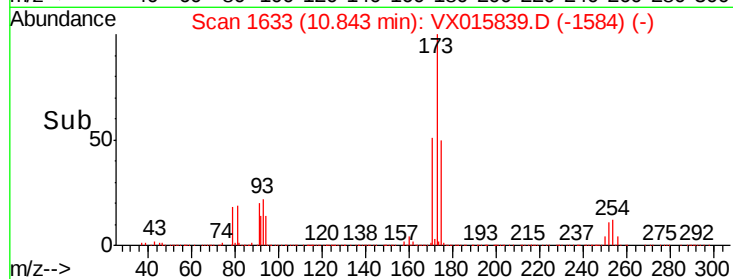
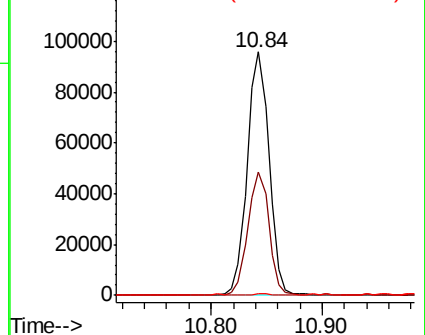
#71
Bromoform
Concen: 20.106 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion:173 Resp: 130854
Ion Ratio Lower Upper
173 100
175 49.0 25.1 75.4
254 0.3 0.3 0.5#

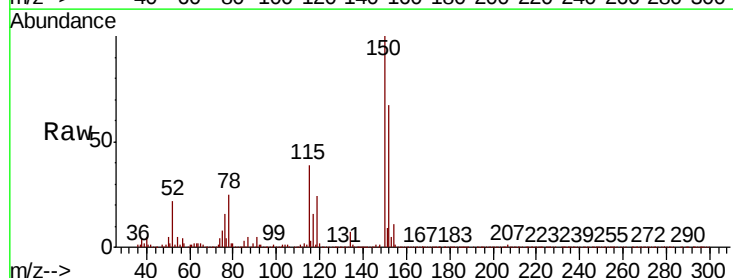


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

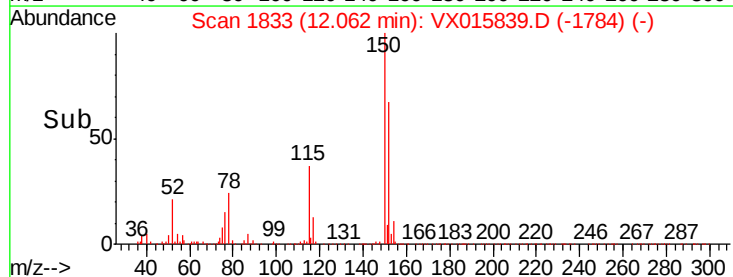
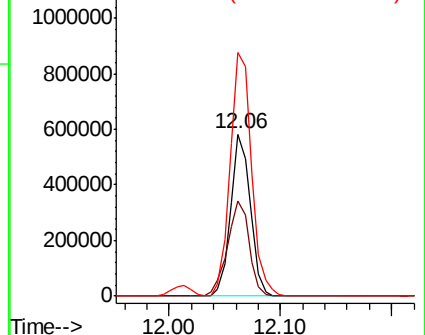


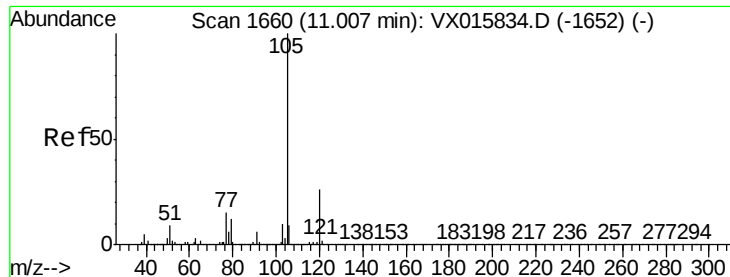
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion:152 Resp: 707578
Ion Ratio Lower Upper
152 100
115 65.1 39.0 116.9
150 163.7 0.0 336.8



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: 20.693 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

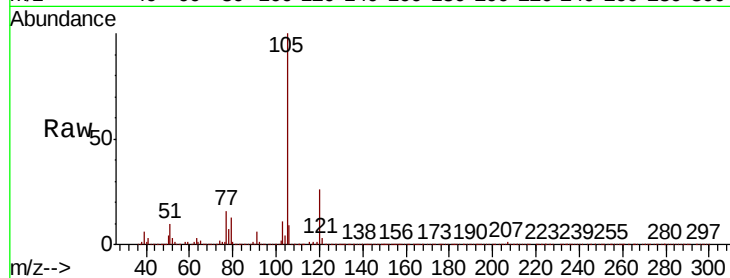
VX0422WBS01

Tot Ion:105 Resp: 929886

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

0

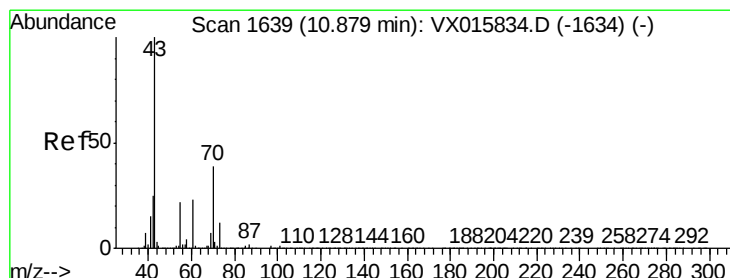
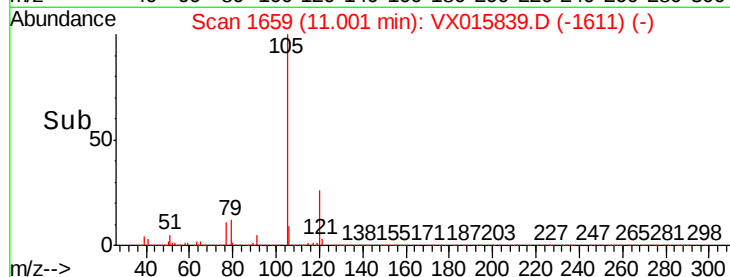
11.00

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 19.725 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion: 43 Resp: 457608

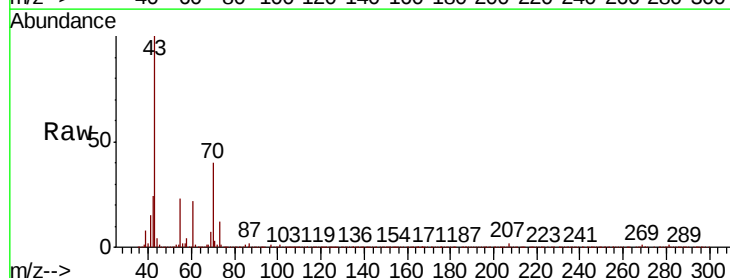
Ion Ratio Lower Upper

43 100

70 39.8 32.6 49.0

55 23.2 18.3 27.5

61 23.7 18.7 28.1



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

600000

500000

400000

300000

200000

100000

0

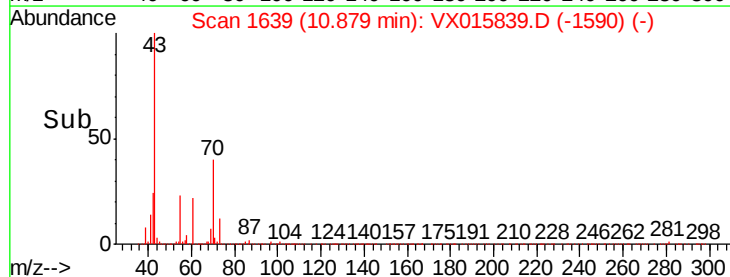
10.88

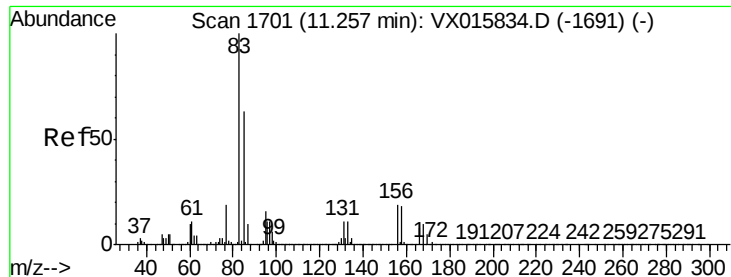
Time-->

10.85

10.90

10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 19.483 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

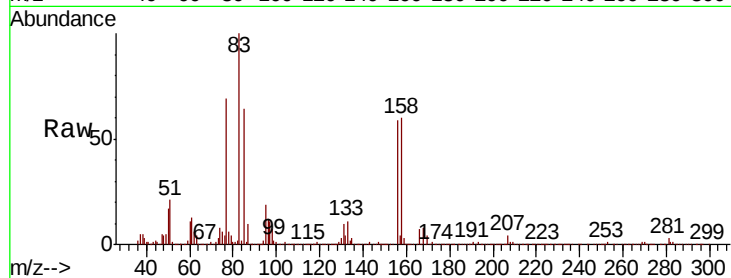
Tot Ion: 83 Resp: 185289

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

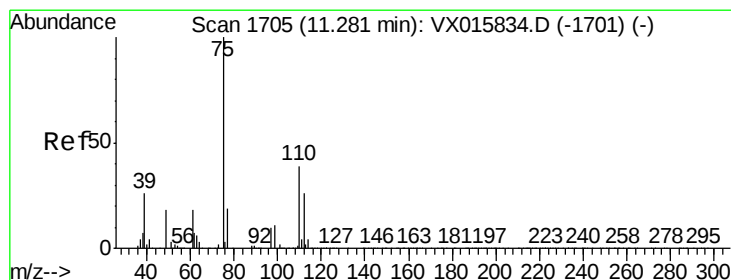
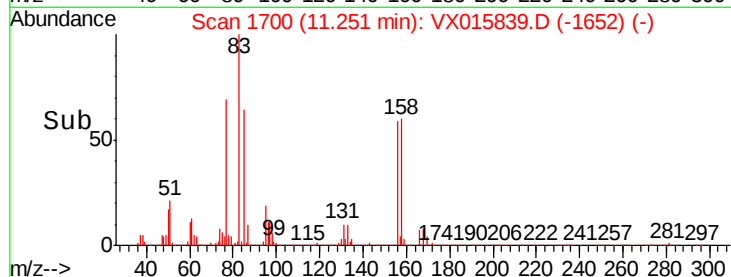
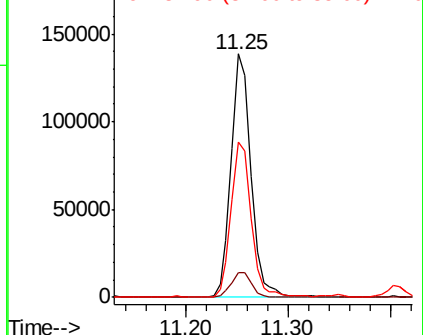
85 64.5 32.4 97.0



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: 25.958 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015839.D

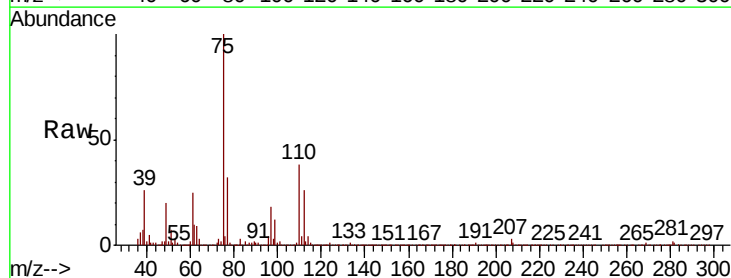
Acq: 22 Apr 2020 14:16

Tgt Ion: 75 Resp: 349263

Ion Ratio Lower Upper

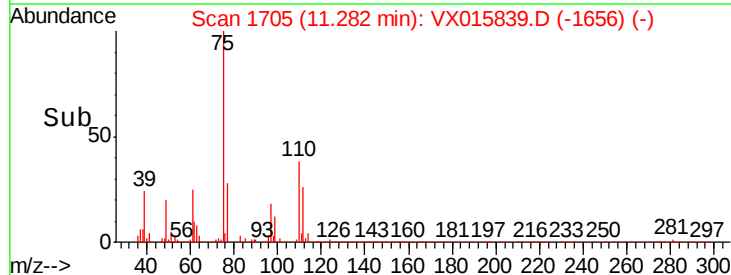
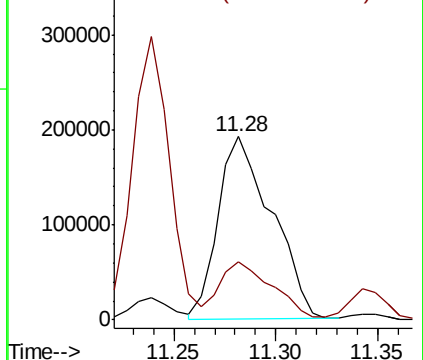
75 100

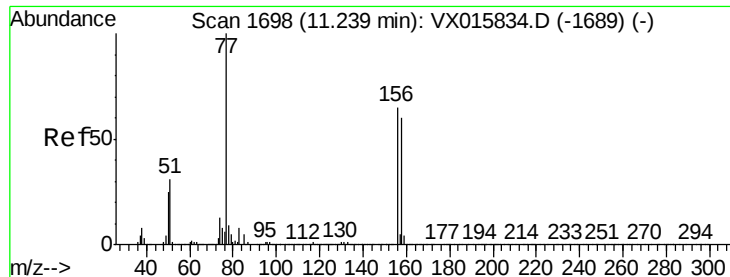
77 31.3 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.974 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

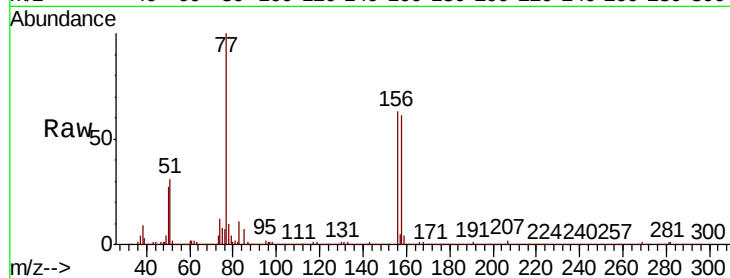
Tot Ion:156 Resp: 245252

Ion Ratio Lower Upper

156 100

77 154.9 75.2 225.6

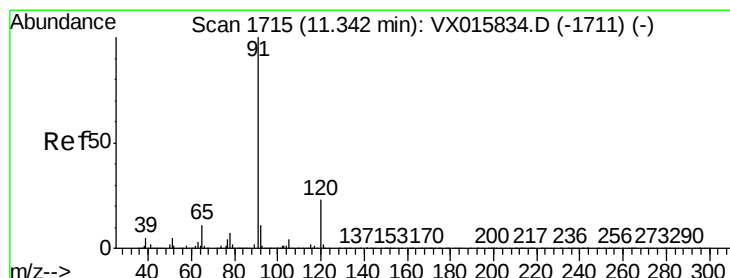
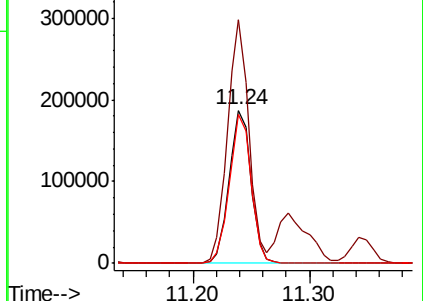
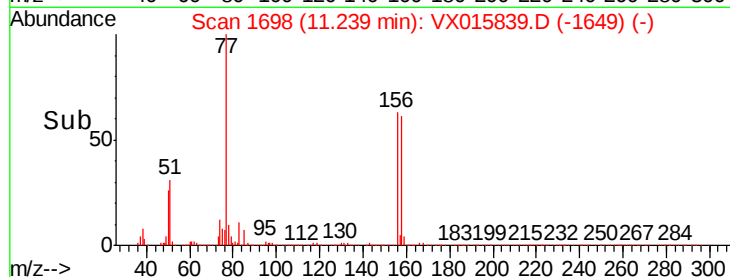
158 96.5 47.9 143.6



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: 20.625 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015839.D

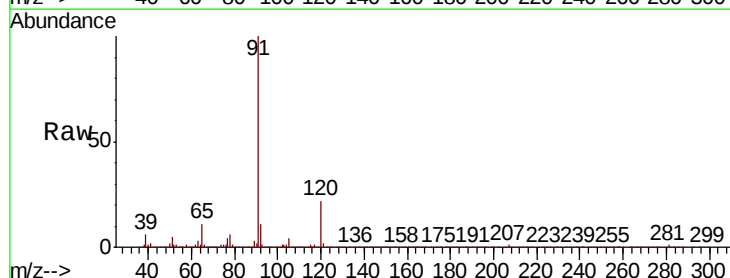
Acq: 22 Apr 2020 14:16

Tgt Ion: 91 Resp: 1061732

Ion Ratio Lower Upper

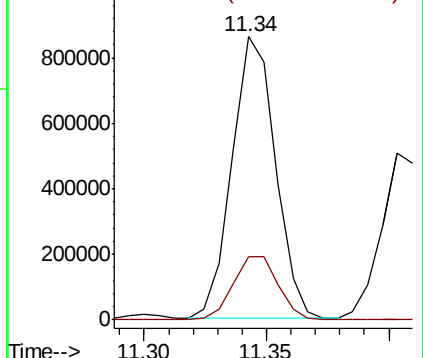
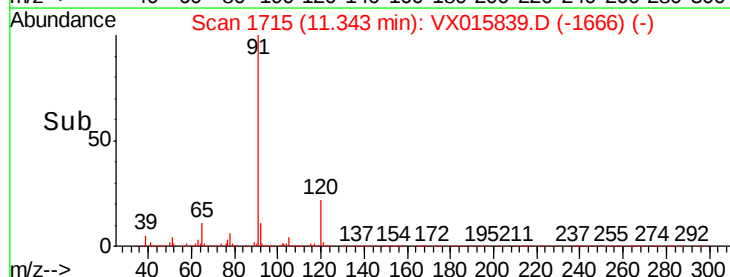
91 100

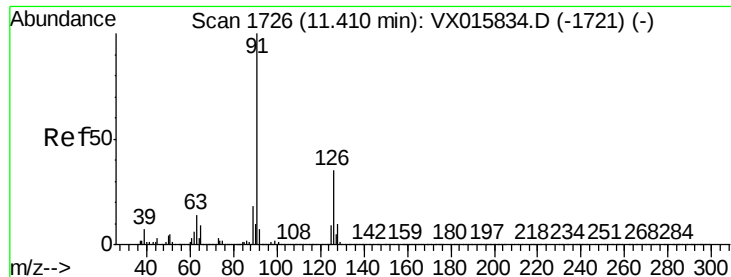
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.423 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

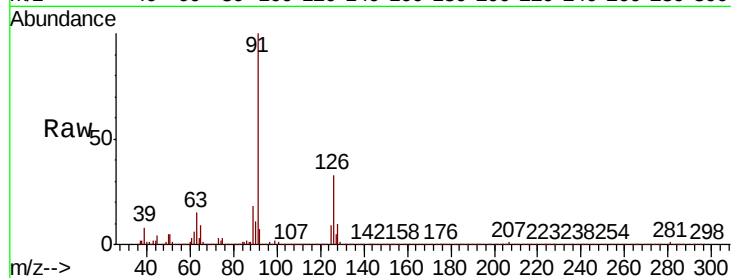
VX0422WBS01

Tot Ion: 91 Resp: 631531

Ion Ratio Lower Upper

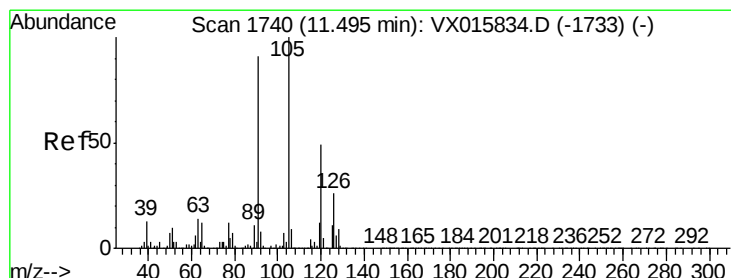
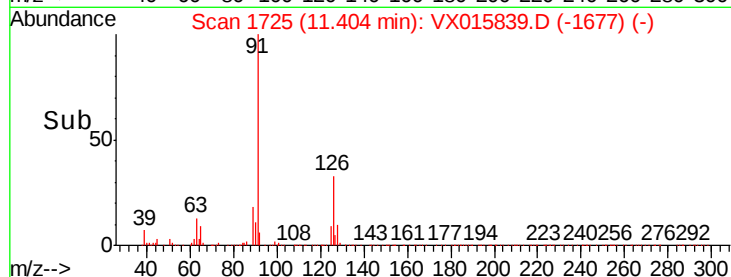
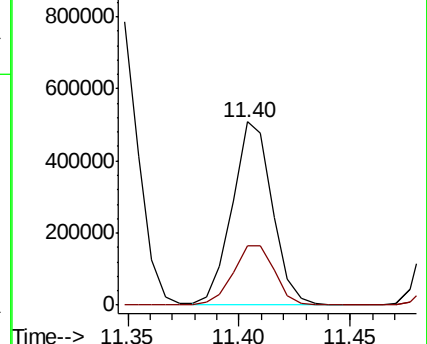
91 100

126 34.1 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.872 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015839.D

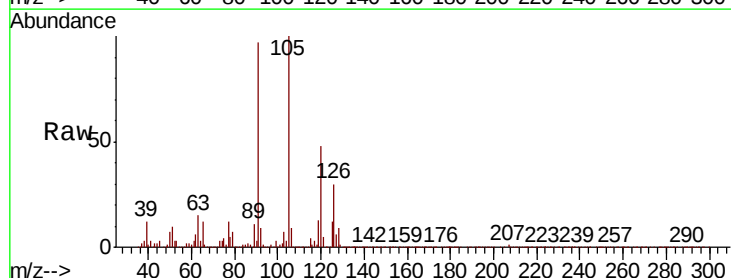
Acq: 22 Apr 2020 14:16

Tgt Ion: 105 Resp: 799758

Ion Ratio Lower Upper

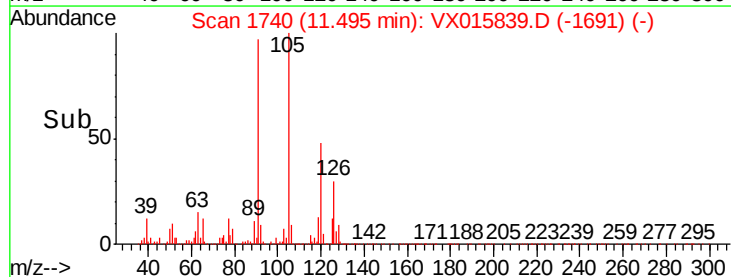
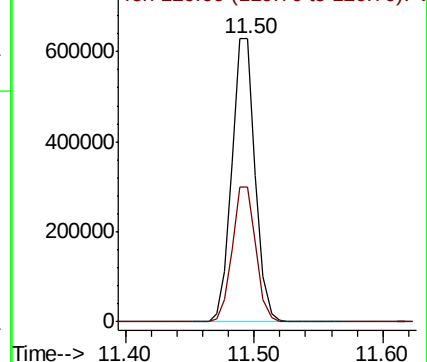
105 100

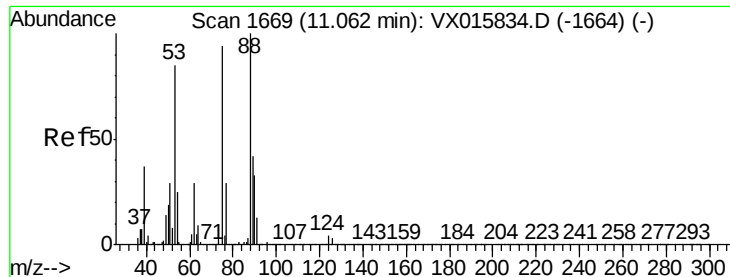
120 48.5 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

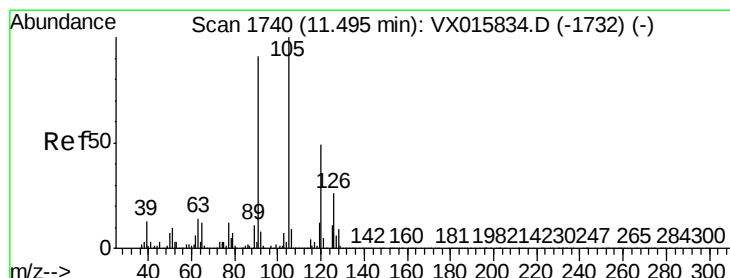
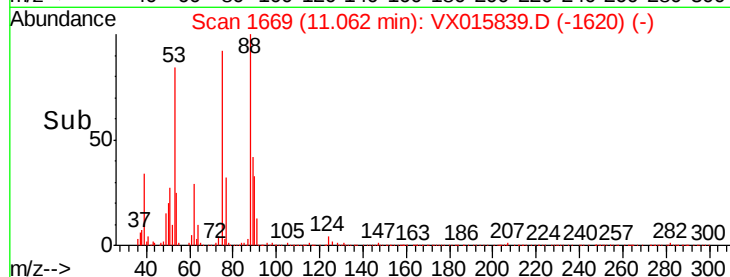
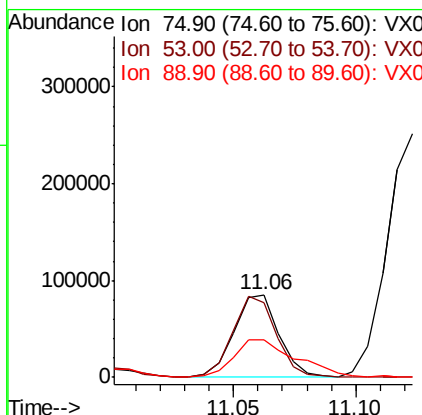
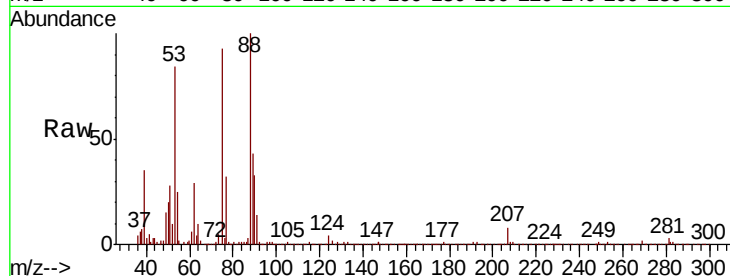




#81
trans-1,4-Dichloro-2-butene
Concen: 19.206 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

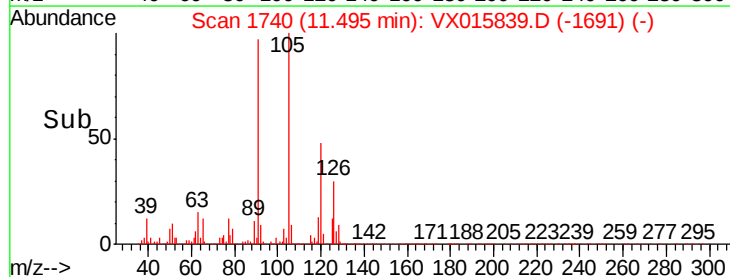
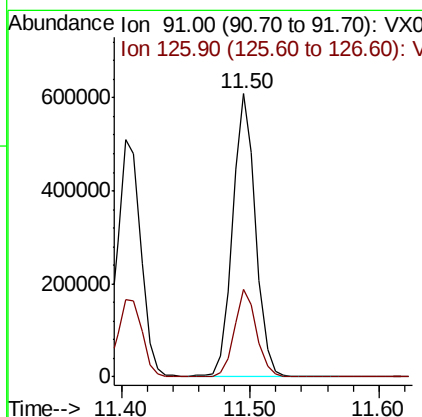
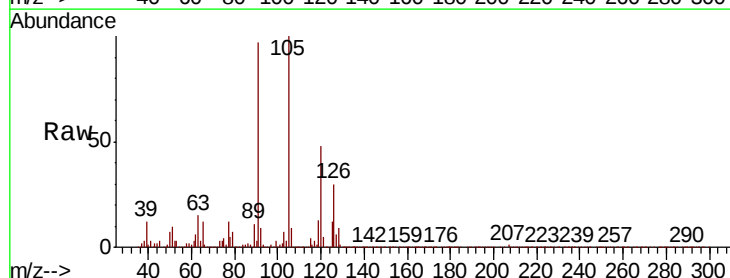
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

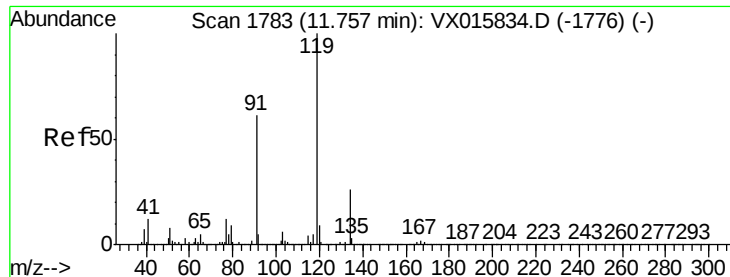
Tot Ion: 75 Resp: 107430
Ion Ratio Lower Upper
75 100
53 95.4 74.2 111.2
89 64.7 38.0 57.0#



#82
4-Chlorotoluene
Concen: 20.398 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 91 Resp: 749541
Ion Ratio Lower Upper
91 100
126 29.8 15.0 45.0





#83

tert-Butylbenzene

Concen: 20.149 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

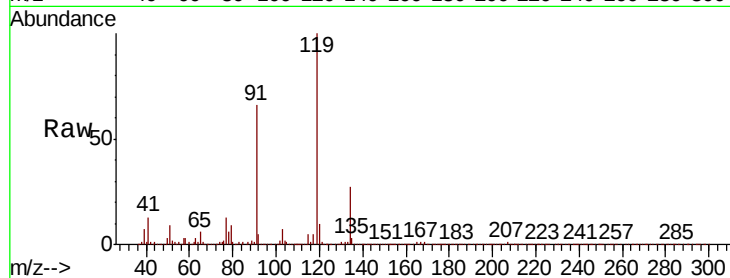
Tot Ion:119 Resp: 684849

Ion Ratio Lower Upper

119 100

91 64.8 30.9 92.7

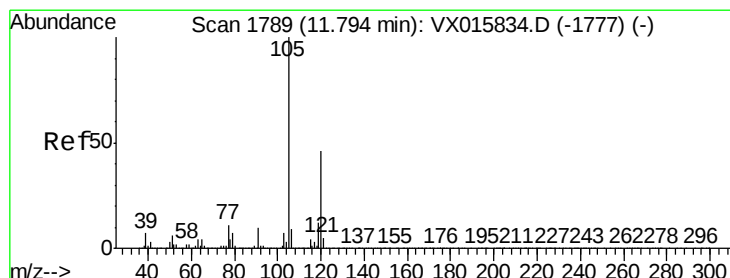
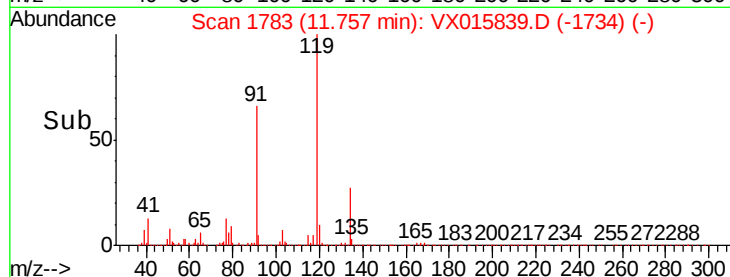
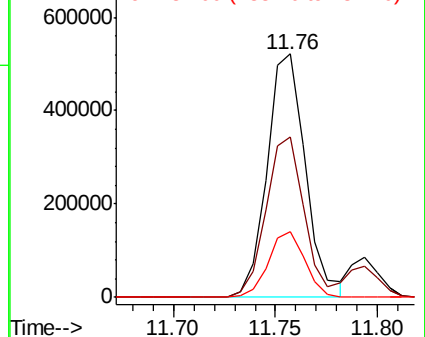
134 25.6 12.4 37.2



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: 20.332 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015839.D

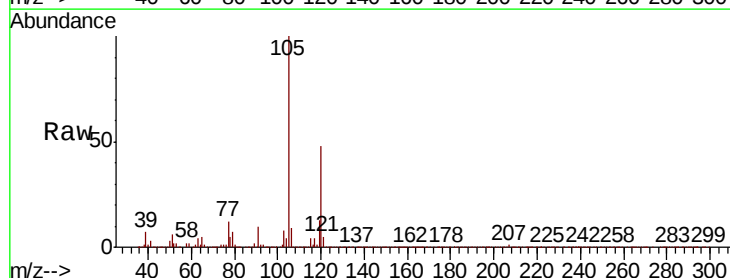
Acq: 22 Apr 2020 14:16

Tgt Ion:105 Resp: 808840

Ion Ratio Lower Upper

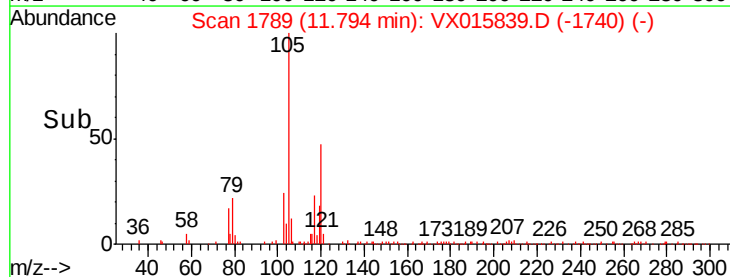
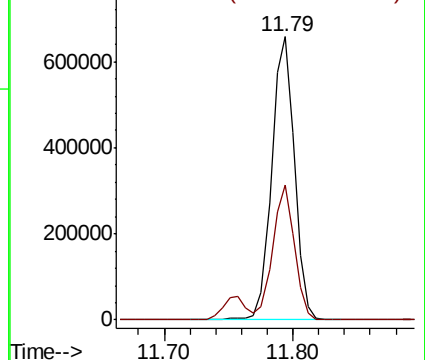
105 100

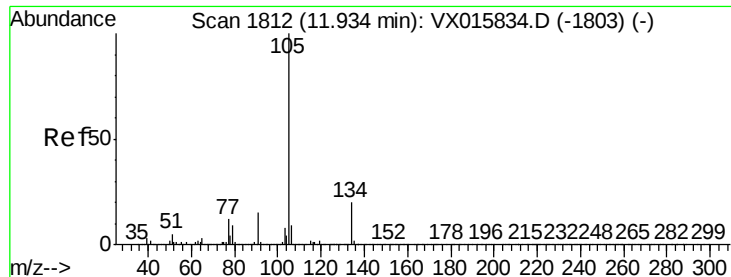
120 45.4 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

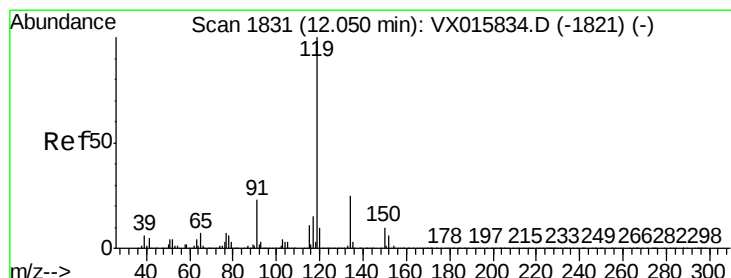
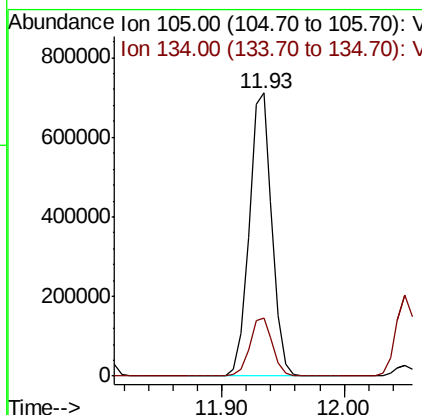
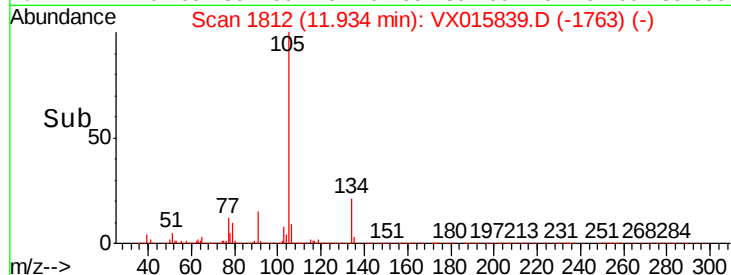
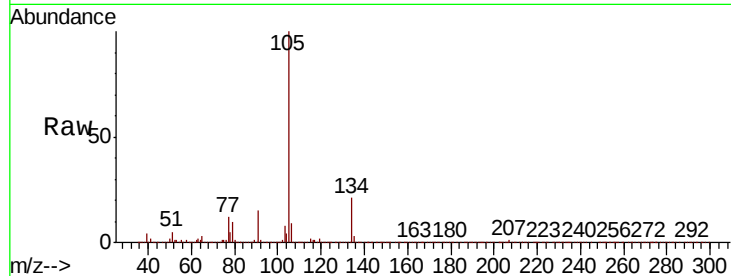




#85
 sec-Butylbenzene
 Concen: 20.367 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

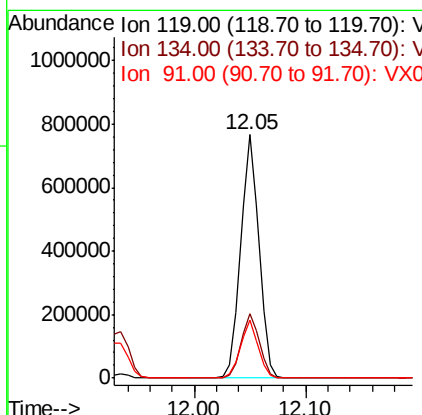
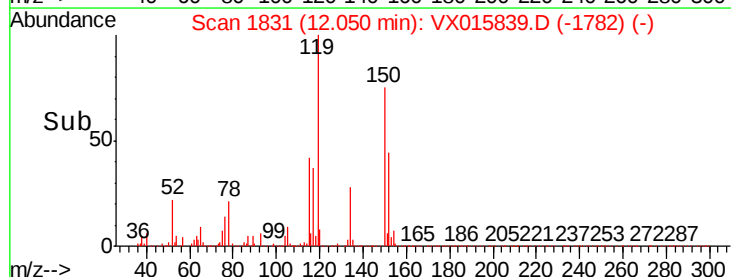
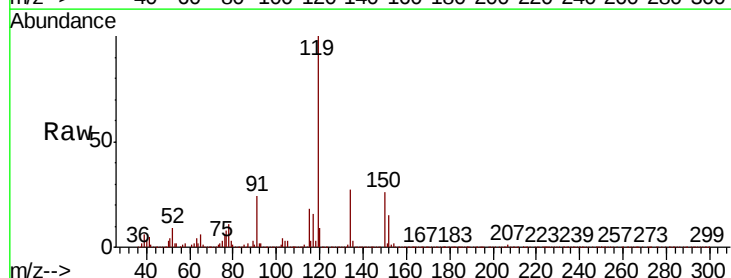
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

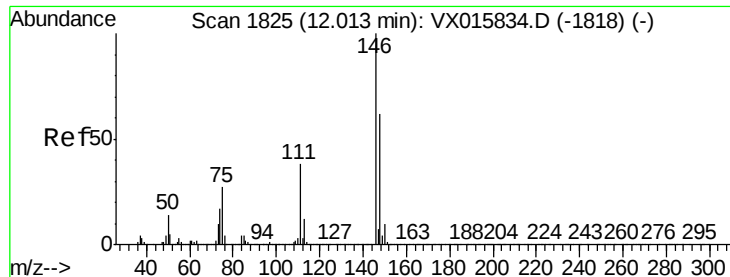
Tot Ion:105 Resp: 912548
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.734 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion:119 Resp: 868673
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 38.9
 91 22.8 11.5 34.5

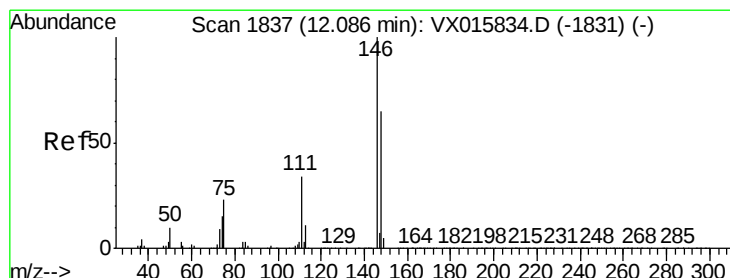
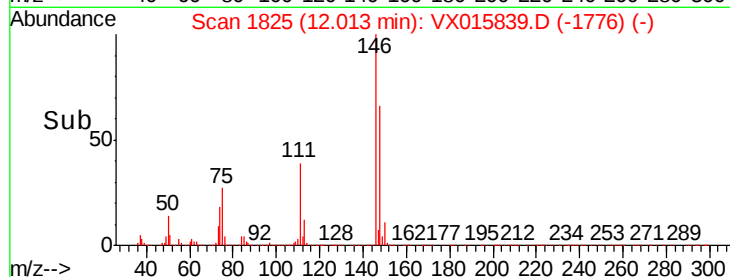
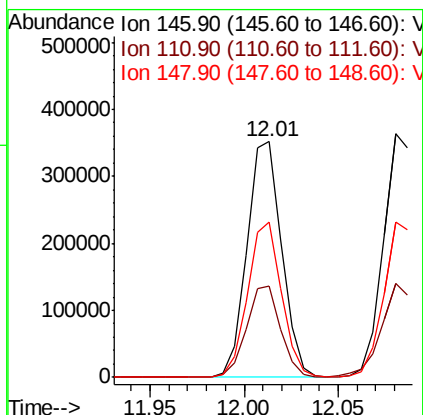
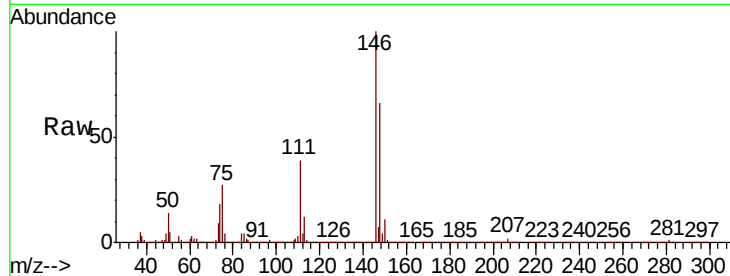




#87
 1,3-Dichlorobenzene
 Concen: 19.961 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

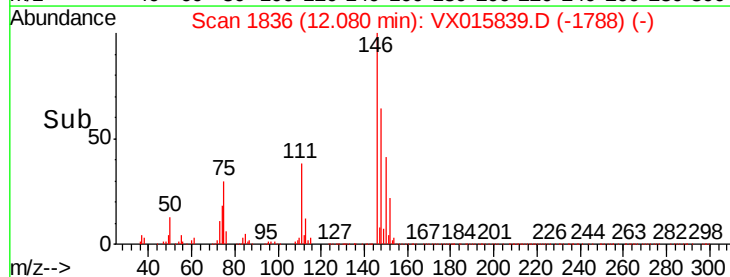
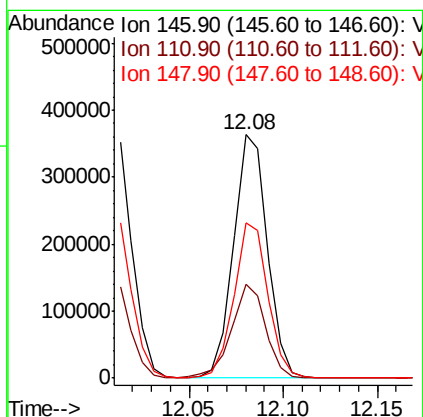
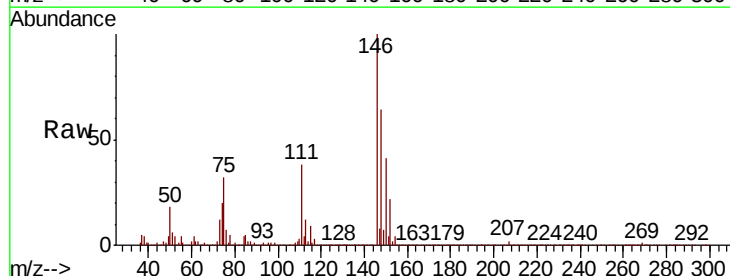
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

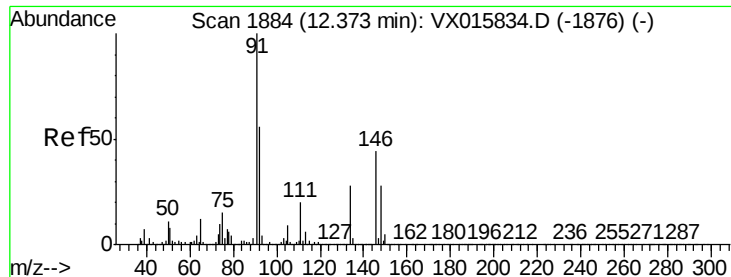
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	64.3	30.9	92.7



#88
 1,4-Dichlorobenzene
 Concen: 19.956 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	63.9	33.8	101.4

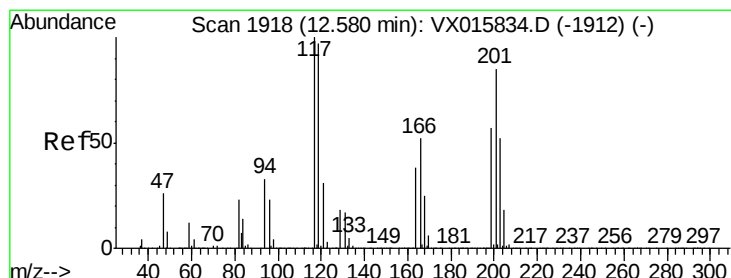
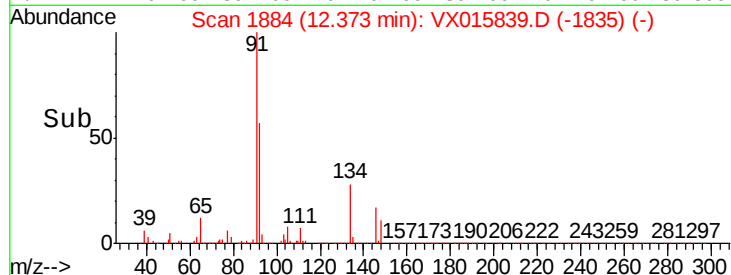
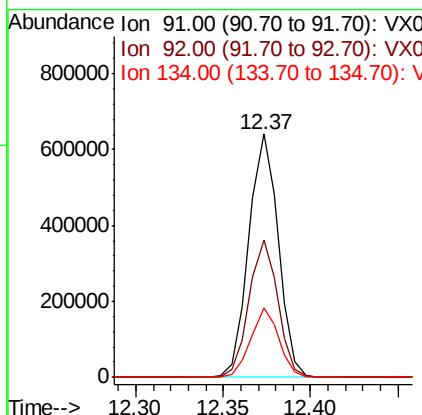
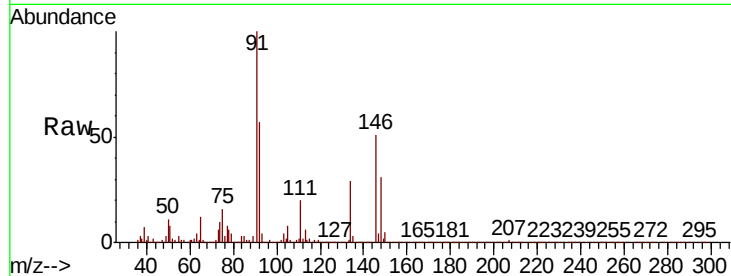




#89
n-Butylbenzene
Concen: 20.145 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

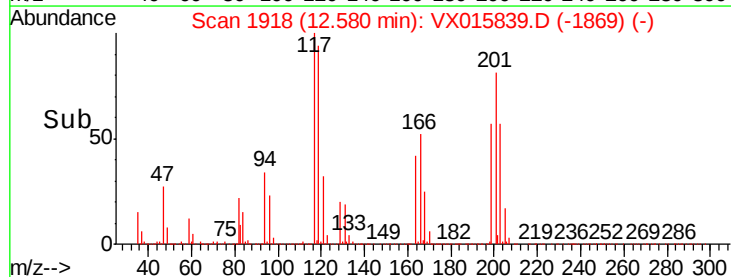
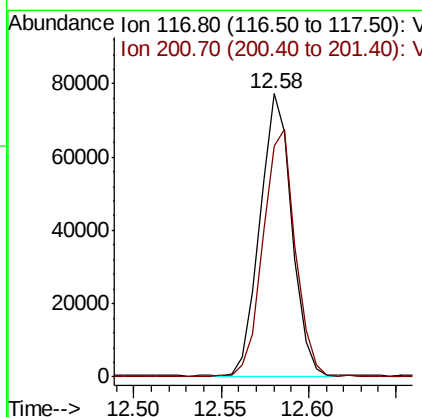
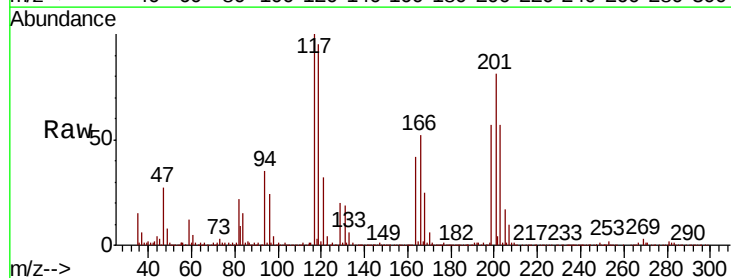
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

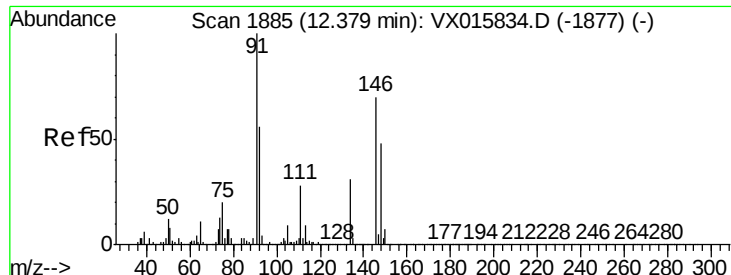
Tot Ion: 91 Resp: 754631
Ion Ratio Lower Upper
91 100
92 55.6 27.7 83.1
134 27.7 14.1 42.4



#90
Hexachloroethane
Concen: 22.497 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 117 Resp: 99574
Ion Ratio Lower Upper
117 100
201 88.1 45.6 136.9

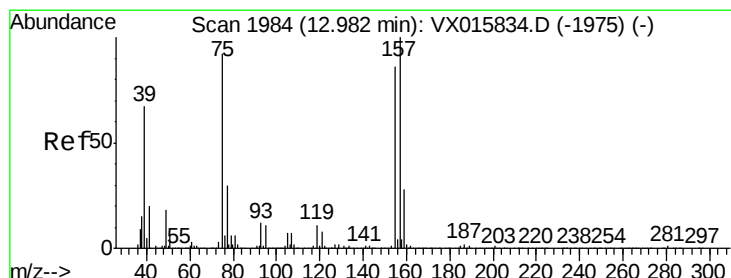
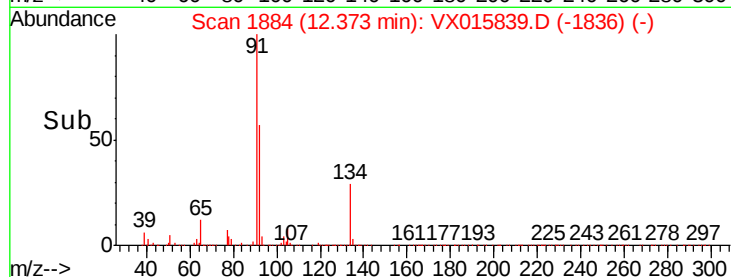
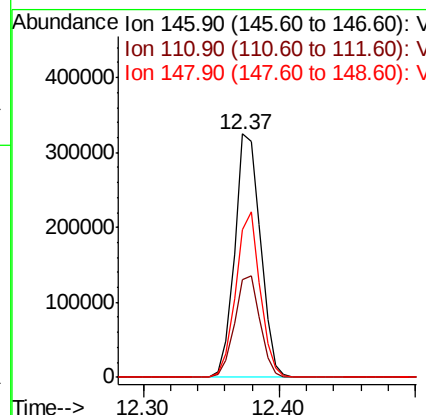
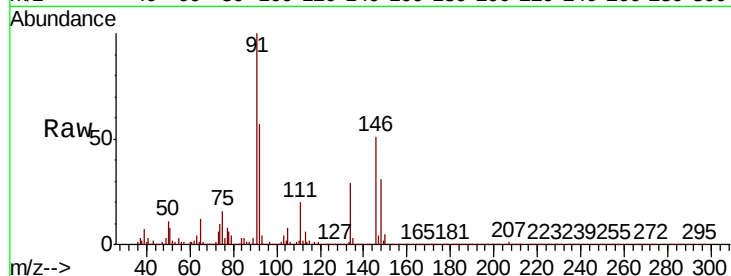




#91
 1,2-Dichlorobenzene
 Concen: 19.873 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

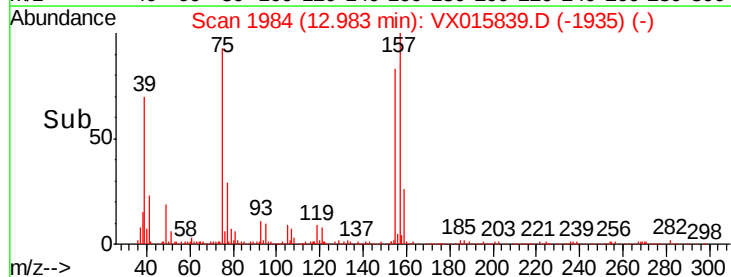
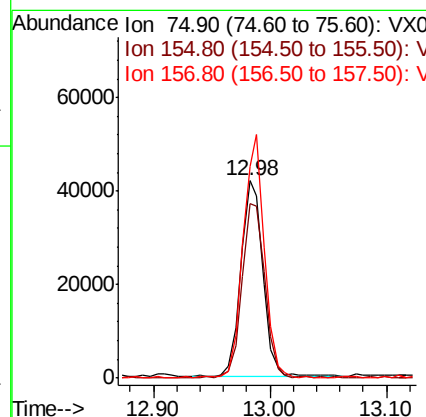
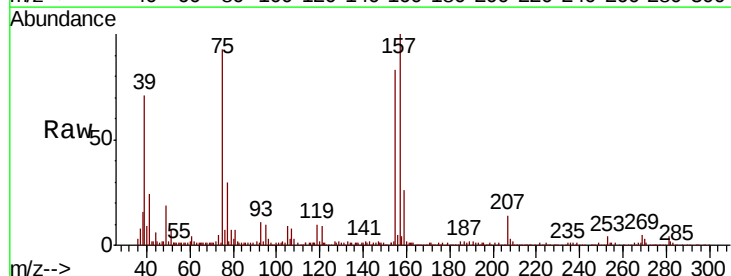
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

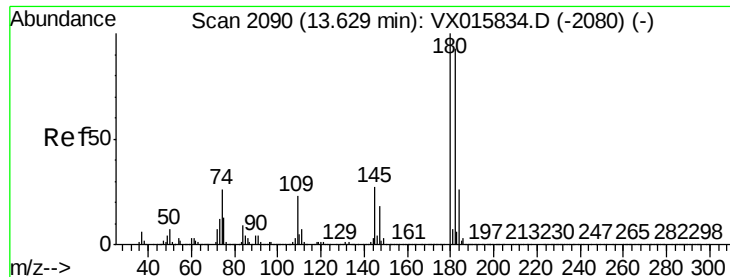
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	61.0
148	64.4	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.538 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	48.1	144.4
157	120.6	58.9	176.7

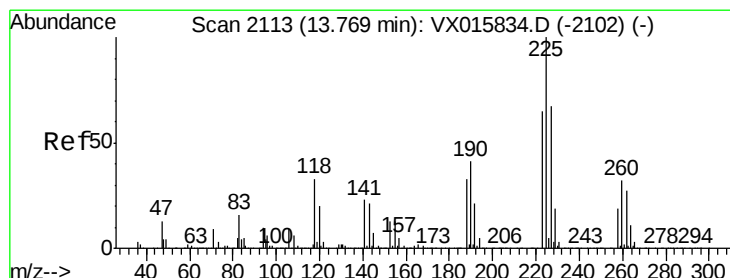
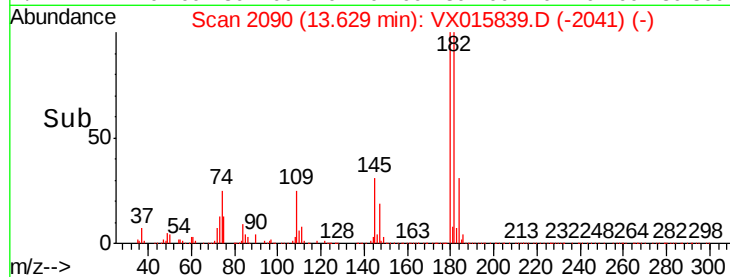
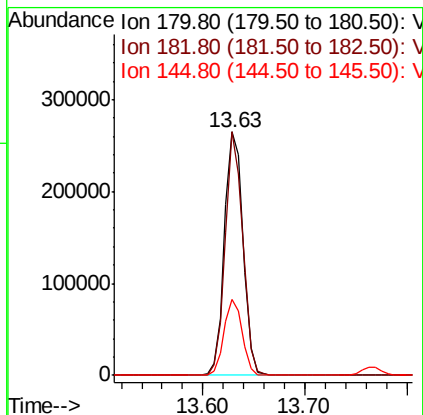
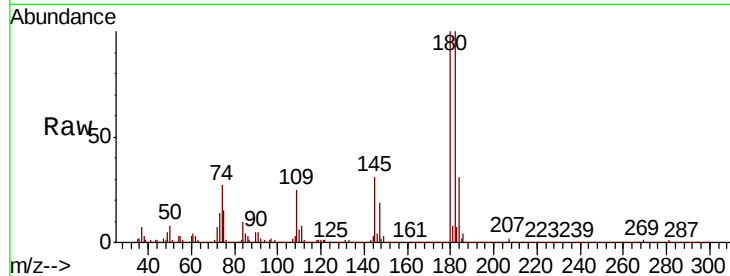




#93
 1,2,4-Trichlorobenzene
 Concen: 19.901 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

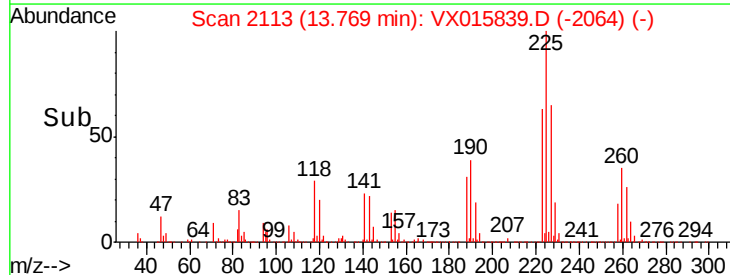
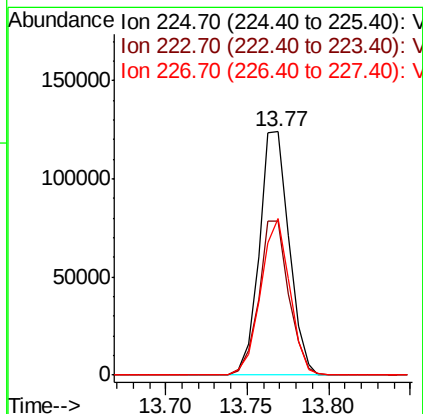
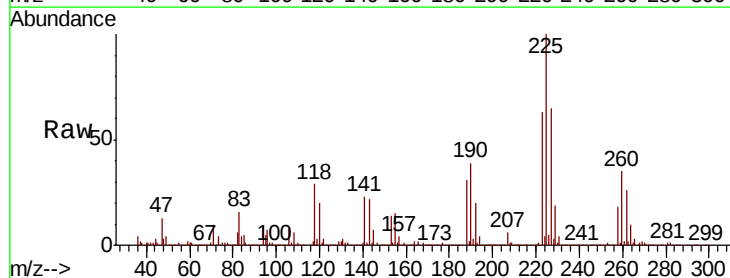
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

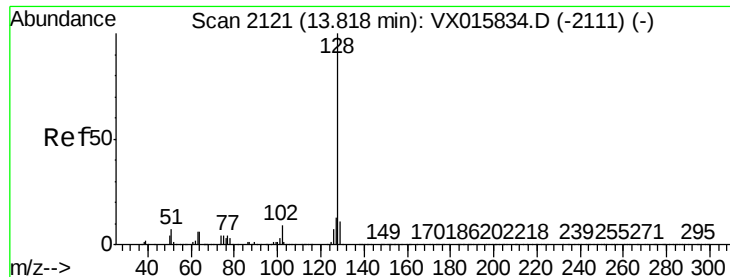
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.7	143.1
145	30.7	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 20.775 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.3	93.8
227	62.9	32.6	97.8

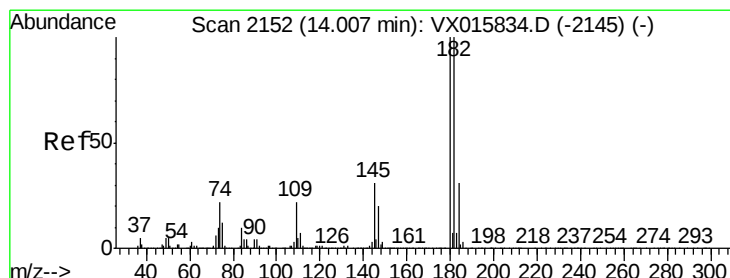
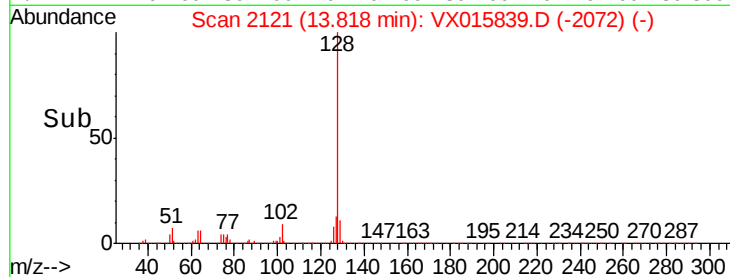
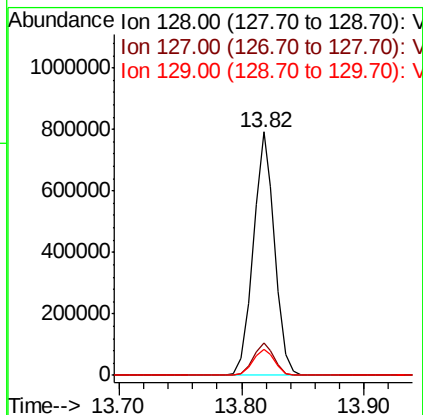
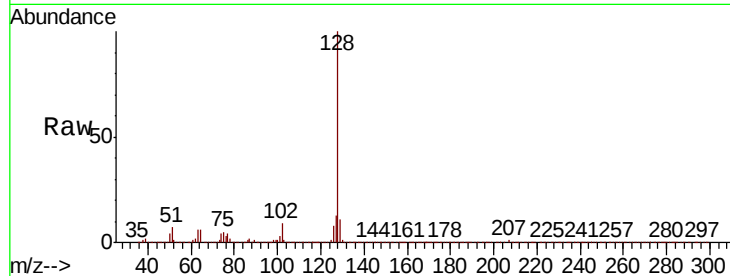




#95
Naphthalene
Concen: 19.799 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.2	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.878 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.9	143.7
145	31.3	15.2	45.5

