

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015997.D
 Acq On : 30 Apr 2020 16:00
 Operator : JC/SP
 Sample : L2182-07 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 07:58:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	48993	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	279198	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	250316	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	118159	31.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.60%
60) 4-Bromofluorobenzene	11.12	95	121784	29.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.70%
63) Toluene-d8	8.70	98	328418	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	5843	1.731 ug/l	97
3) Chloromethane	1.31	50	7447	2.252 ug/l	100
4) Vinyl Chloride	1.39	62	9034	2.405 ug/l	96
5) Bromomethane	1.63	94	6990	3.036 ug/l	93
6) Chloroethane	1.72	64	6189	2.513 ug/l	99
7) Trichlorofluoromethane	1.92	101	12890	2.396 ug/l	94
8) Diethyl Ether	2.17	74	5390	2.510 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7031	2.530 ug/l	97
10) 1,1-Dichloroethene	2.36	96	6781	2.419 ug/l	94
11) Methyl Iodide	2.49	142	8671	2.266 ug/l	95
12) Methyl Acetate	2.75	43	10794	2.205 ug/l	91
13) Acrolein	2.28	56	5251	13.382 ug/l	96
14) Acrylonitrile	3.12	53	22085	12.215 ug/l	98
15) Acetone	2.42	58	6713	14.030 ug/l	88
16) Carbon Disulfide	2.55	76	23290	2.731 ug/l	95
17) Allyl chloride	2.71	41	12866	2.474 ug/l	94
18) Methylene Chloride	2.84	84	8338	2.655 ug/l	94
19) trans-1,2-Dichloroethene	3.14	96	8067	2.631 ug/l	97
20) Diisopropyl ether	3.82	45	24352	2.429 ug/l	89
21) 1,1-Dichloroethane	3.67	63	13996	2.503 ug/l	98
22) cis-1,2-Dichloroethene	4.57	96	8908	2.560 ug/l	95
23) tert-Butyl Alcohol	3.01	59	11335	12.807 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	24814	2.465 ug/l	99
25) Chloroform	5.18	83	13990	2.464 ug/l	94
26) Cyclohexane	5.56	56	12856	2.514 ug/l #	98
29) 1,1-Dichloropropene	5.78	75	10711	2.439 ug/l	87
30) 2-Butanone	4.64	43	31620	12.085 ug/l	98
31) 2,2-Dichloropropane	4.56	77	13080	2.475 ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	13042	2.448 ug/l	99
33) Carbon Tetrachloride	5.76	117	11742	2.476 ug/l	89
34) Benzene	6.12	78	30761	2.398 ug/l	99
35) Methacrylonitrile	5.01	41	6277	2.259 ug/l	98
36) 1,2-Dichloroethane	6.17	62	12247	2.500 ug/l	100
37) Trichloroethene	7.20	130	11399	2.498 ug/l	97
38) Methylcyclohexane	7.45	83	12634	2.354 ug/l	96
39) 1,2-Dichloropropane	7.49	63	7994	2.428 ug/l	91
40) Dibromomethane	7.64	93	5502	2.407 ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015997.D
 Acq On : 30 Apr 2020 16:00
 Operator : JC/SP
 Sample : L2182-07 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 07:58:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	10986	2.331	ug/l	93
42) Vinyl Acetate	3.79	43	101369	11.710	ug/l	100
43) Ethyl Acetate	4.80	43	12054	2.335	ug/l #	90
44) Isopropyl Acetate	6.42	43	19818	2.366	ug/l	99
45) 1,4-Dioxane	7.72	88	4317	48.796	ug/l	98
46) Methyl methacrylate	7.75	41	8895	2.240	ug/l	96
47) n-amyl Acetate	10.88	43	16101	2.198	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	12683	2.317	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	13025	2.303	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	7716	2.395	ug/l	94
51) Ethyl methacrylate	9.16	69	11490	2.160	ug/l	96
52) 1,3-Dichloropropane	9.35	76	13429	2.411	ug/l	97
53) Dibromochloromethane	9.57	129	7784	2.124	ug/l	98
54) 1,2-Dibromoethane	9.65	107	8310	2.347	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	32925	11.376	ug/l	100
56) Bromoform	10.84	173	5392	1.952	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	60504	12.257	ug/l	100
59) 2-Hexanone	9.48	43	46205	12.118	ug/l	98
61) Tetrachloroethene	9.32	164	12420	2.508	ug/l	97
62) Toluene	8.77	91	32603	2.438	ug/l	98
64) Chlorobenzene	10.12	112	20986	2.465	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	7696	2.381	ug/l	99
66) Ethyl Benzene	10.24	91	36085	2.370	ug/l	99
67) m/p-Xylenes	10.34	106	27016	4.657	ug/l	99
68) o-Xylene	10.68	106	13634	2.437	ug/l	94
69) Styrene	10.70	104	20933	2.186	ug/l	98
70) Isopropylbenzene	11.01	105	34800	2.304	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	5583	1.988	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	14778	3.250	ug/l	83
73) Bromobenzene	11.24	156	8769	2.304	ug/l	96
74) n-propylbenzene	11.34	91	41054	2.340	ug/l	98
75) 2-Chlorotoluene	11.40	91	24628	2.389	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	28399	2.215	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	4309	2.204	ug/l	97
78) 4-Chlorotoluene	11.49	91	27888	2.285	ug/l	98
79) tert-butylbenzene	11.76	119	24694	2.255	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	28850	2.252	ug/l	100
81) sec-Butylbenzene	11.93	105	33089	2.241	ug/l	99
82) p-Isopropyltoluene	12.05	119	30656	2.240	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	16161	2.355	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	16608	2.436	ug/l	98
85) n-Butylbenzene	12.37	91	27421	2.194	ug/l	97
86) Hexachloroethane	12.58	117	5004	2.077	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	15654	2.359	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	2925	2.490	ug/l	90
89) 1,2,4-Trichlorobenzene	13.63	180	11373	2.327	ug/l	98
90) Hexachlorobutadiene	13.77	225	5252	2.500	ug/l	96
91) Naphthalene	13.82	128	35151	2.259	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	10731	2.285	ug/l	99

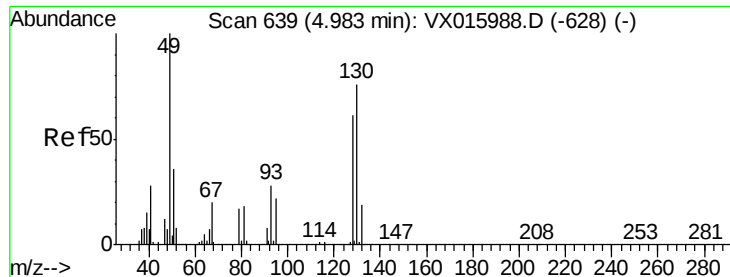
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
Data File : VX015997.D
Acq On : 30 Apr 2020 16:00
Operator : JC/SP
Sample : L2182-07 2.5PPB MDL
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 01 07:58:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

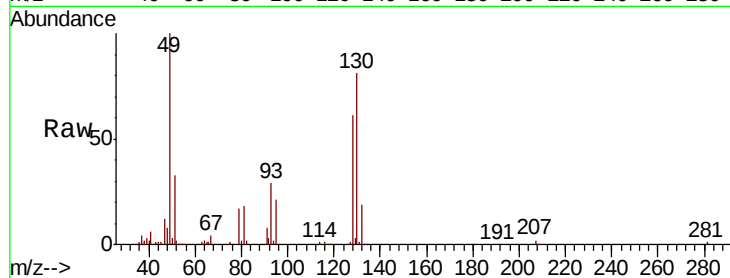
Tot Ion:128 Resp: 48993

Ion Ratio Lower Upper

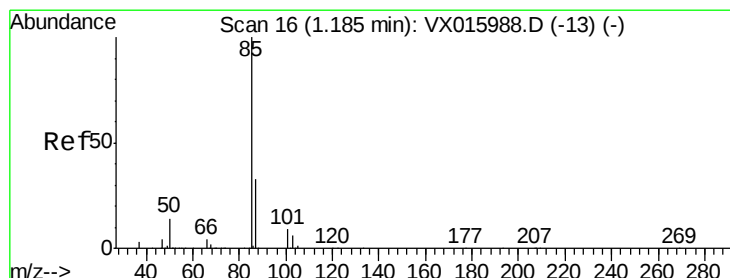
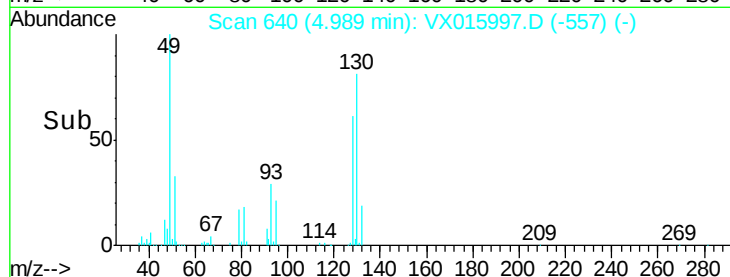
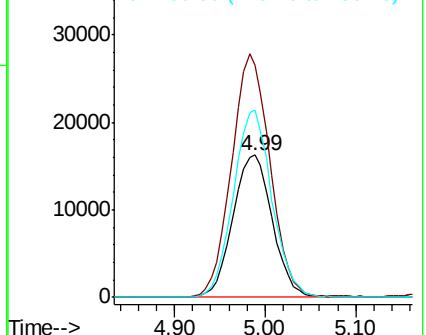
128 100

49 167.2 0.0 418.5

130 129.2 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 1.731 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015997.D

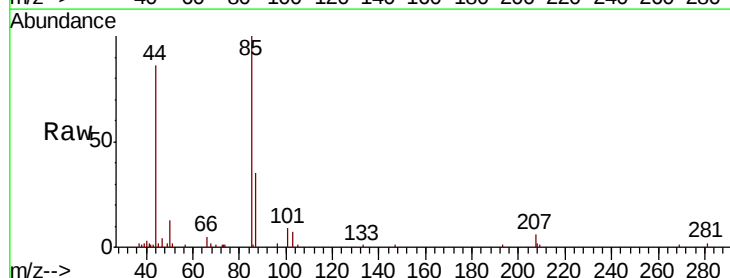
Acq: 30 Apr 2020 16:00

Tgt Ion: 85 Resp: 5843

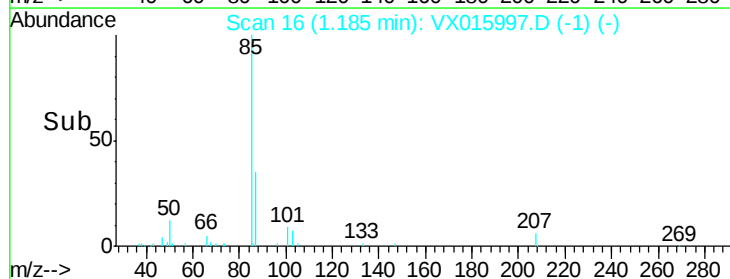
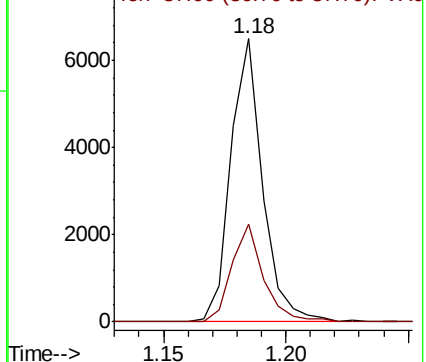
Ion Ratio Lower Upper

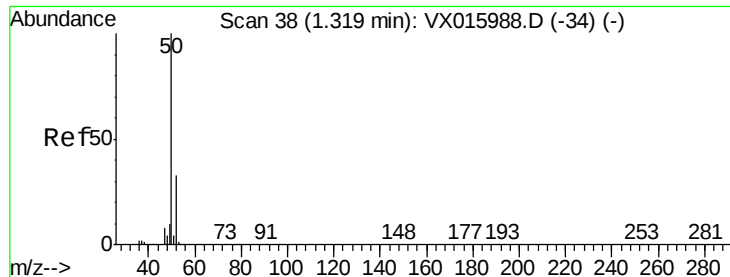
85 100

87 34.5 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 2.252 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

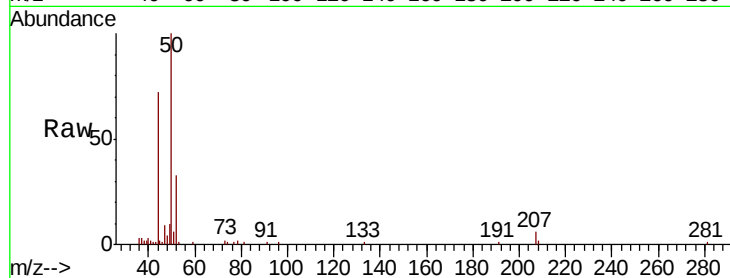
ClientSampleId :

Tot Ion: 50 Resp: 7447

Ion Ratio Lower Upper

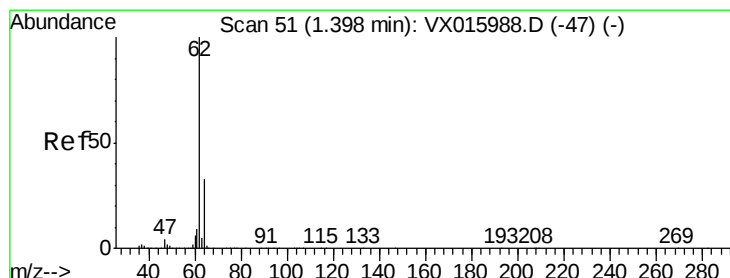
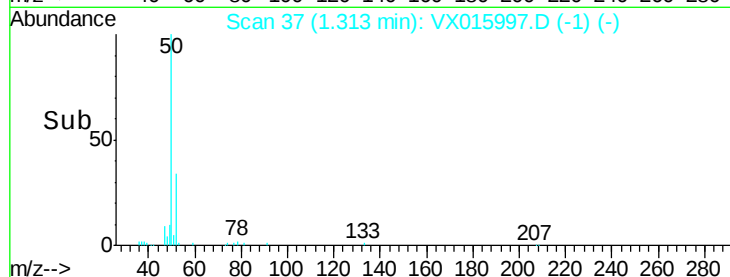
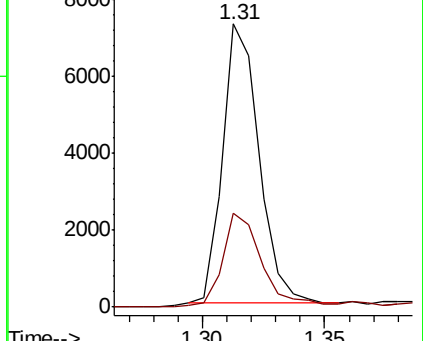
50 100

52 33.1 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 2.405 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015997.D

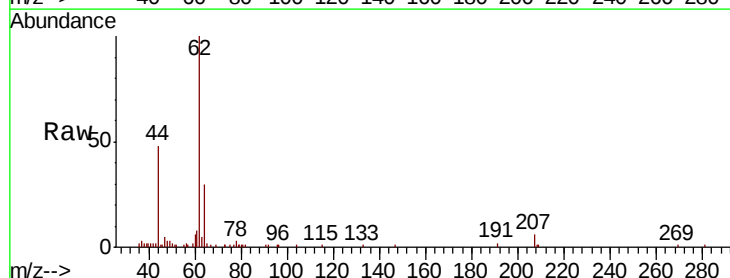
Acq: 30 Apr 2020 16:00

Tgt Ion: 62 Resp: 9034

Ion Ratio Lower Upper

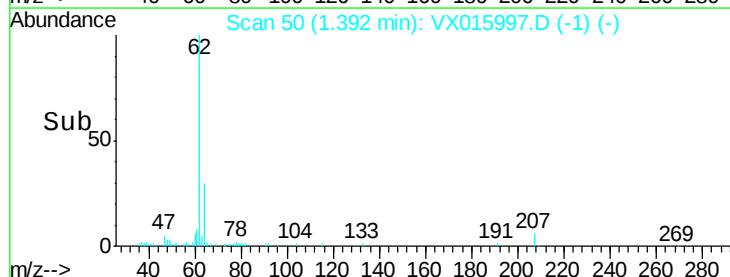
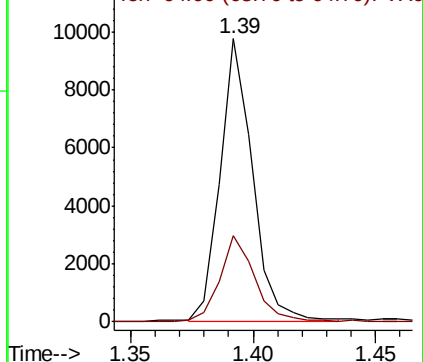
62 100

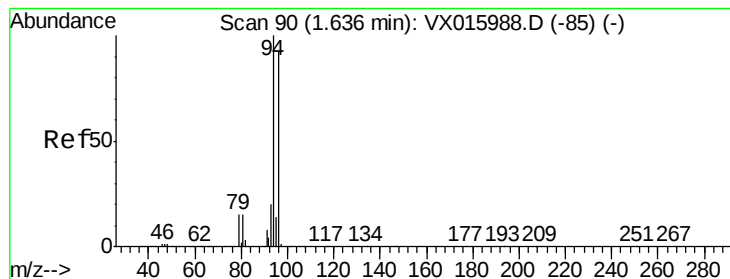
64 30.6 26.3 39.5



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 3.036 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

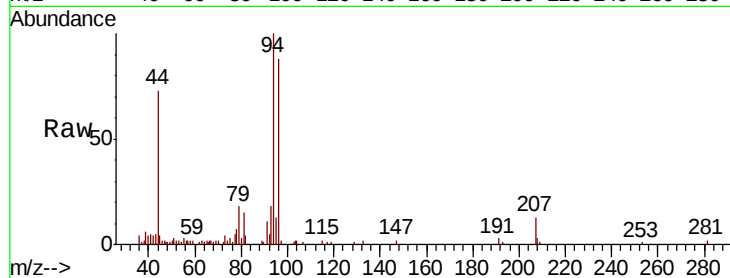
ClientSampleId :

Tot Ion: 94 Resp: 6990

Ion Ratio Lower Upper

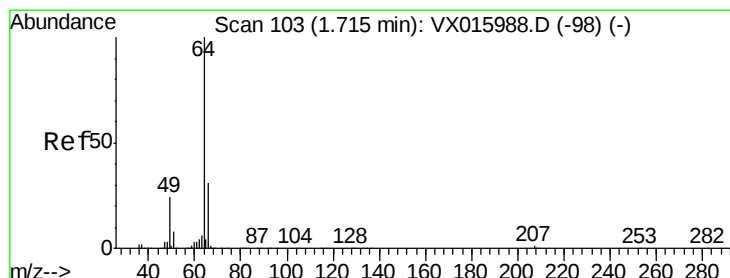
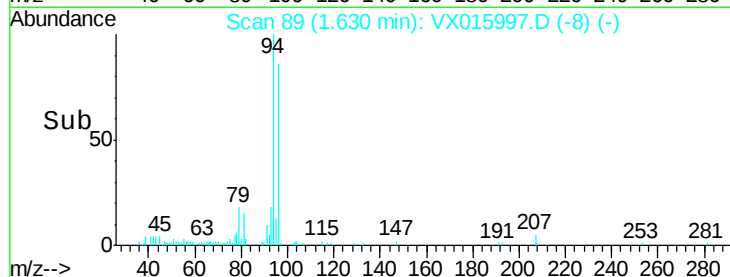
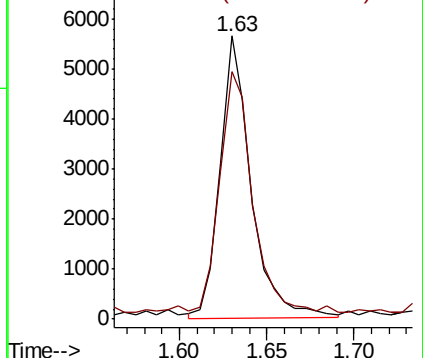
94 100

96 86.4 74.2 111.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 2.513 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX015997.D

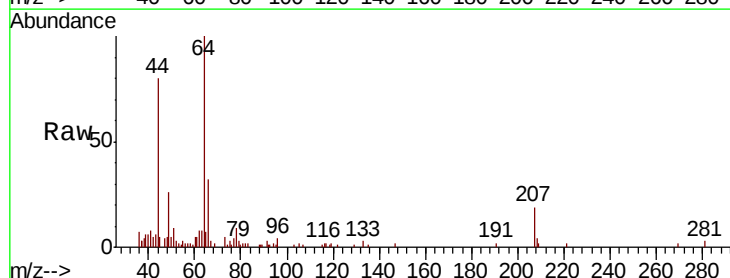
Acq: 30 Apr 2020 16:00

Tgt Ion: 64 Resp: 6189

Ion Ratio Lower Upper

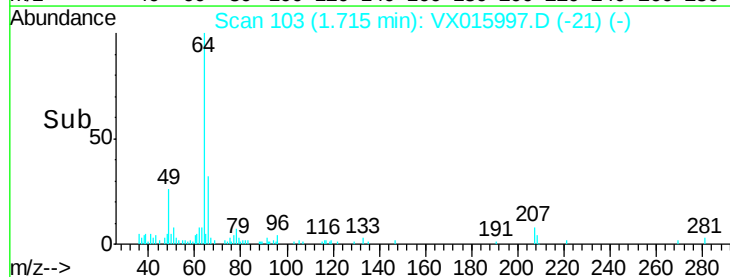
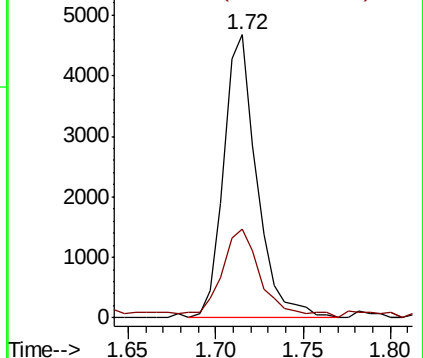
64 100

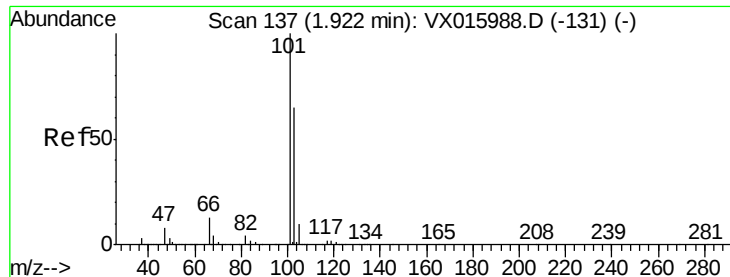
66 31.6 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



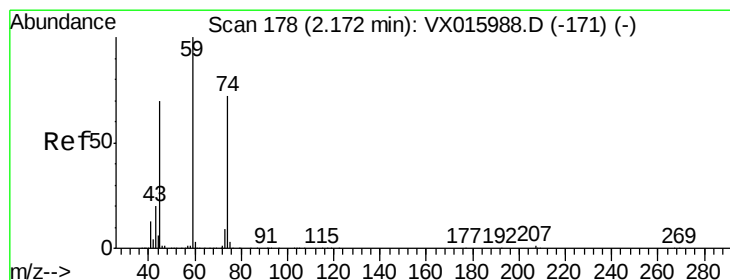
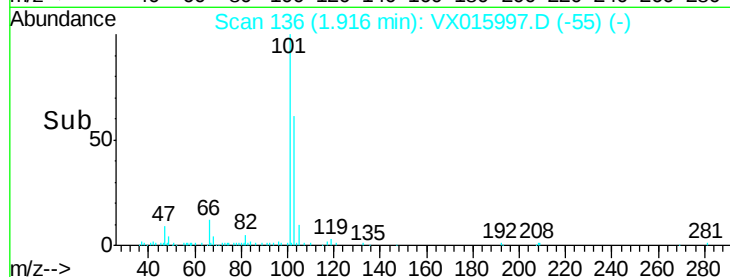
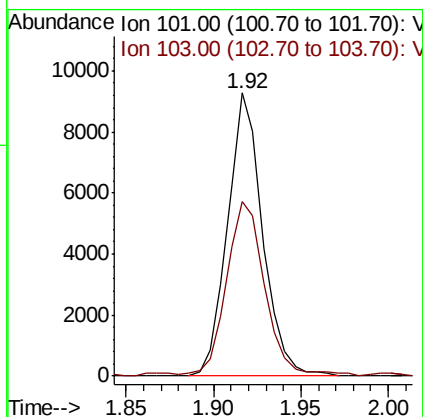
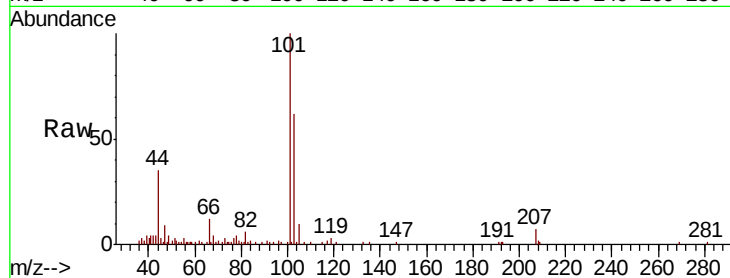


#7

Trichlorofluoromethane
Concen: 2.396 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampled :

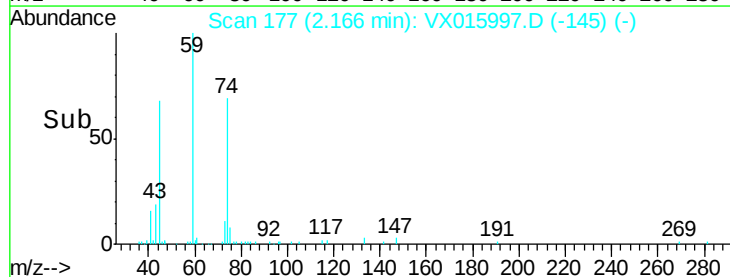
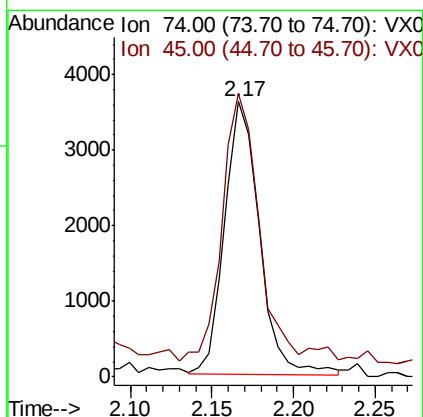
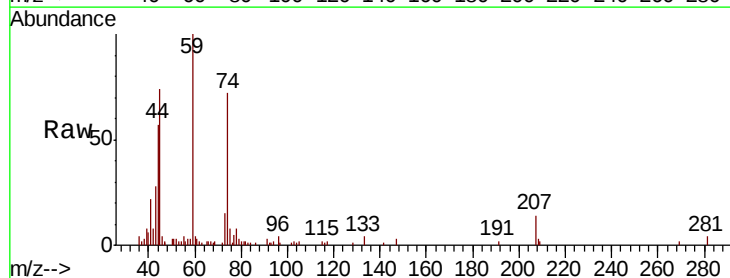
Tot Ion:101 Resp: 12890
Ion Ratio Lower Upper
101 100
103 60.4 51.8 77.8

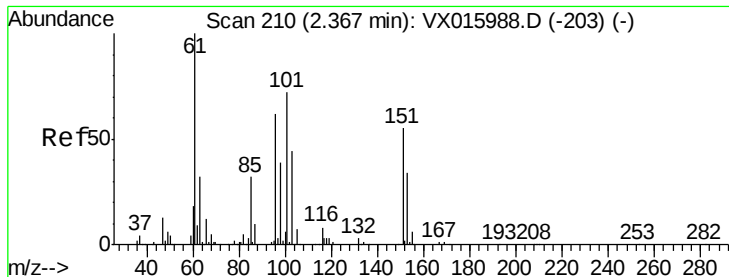


#8

Diethyl Ether
Concen: 2.510 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion: 74 Resp: 5390
Ion Ratio Lower Upper
74 100
45 101.3 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.530 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015997.D

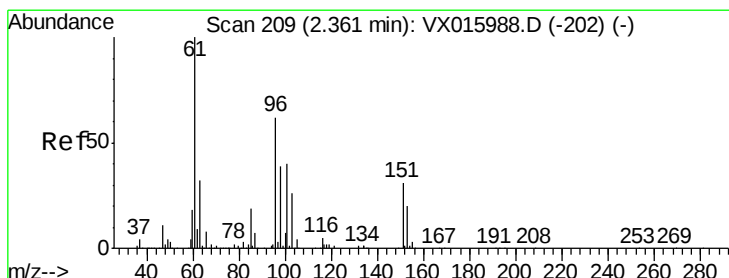
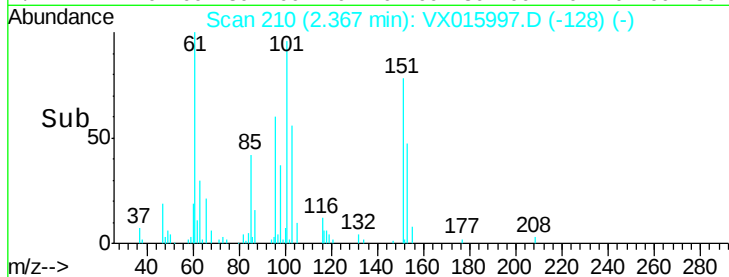
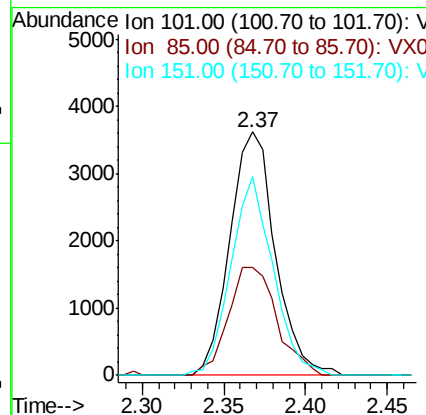
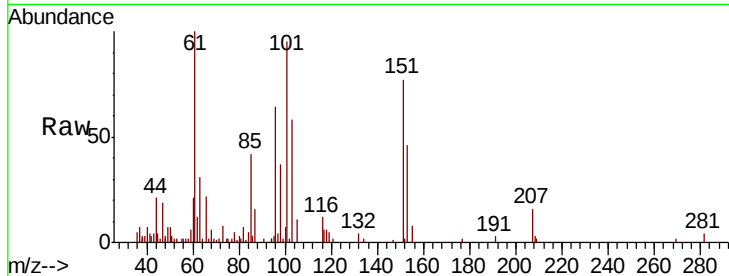
Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	7031
Ion	Ratio	Lower	Upper
101	100		
85	47.5	0.0	90.6
151	75.9	0.0	157.0



#10

1,1-Dichloroethene

Concen: 2.419 ug/l

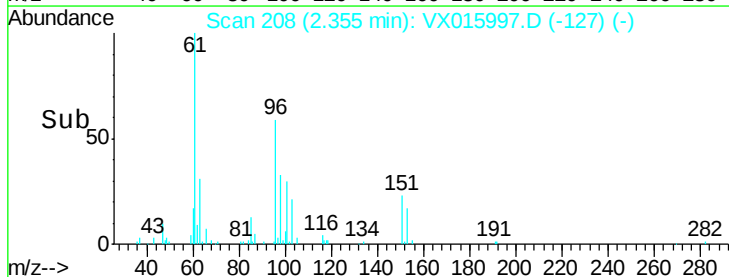
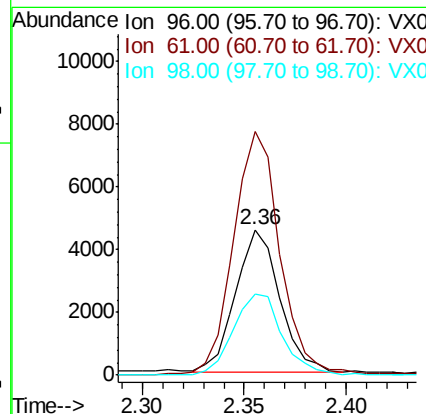
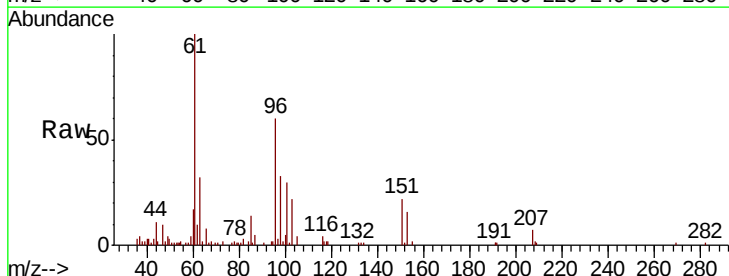
RT: 2.36 min Scan# 208

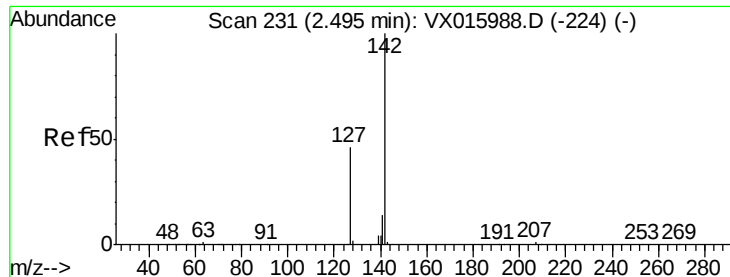
Delta R.T. -0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Tgt Ion:	96	Resp:	6781
Ion	Ratio	Lower	Upper
96	100		
61	169.5	129.8	194.8
98	56.8	51.1	76.7

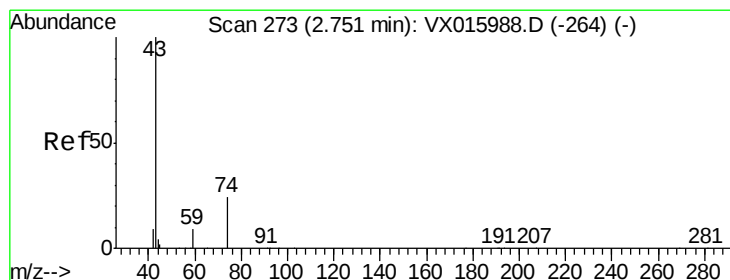
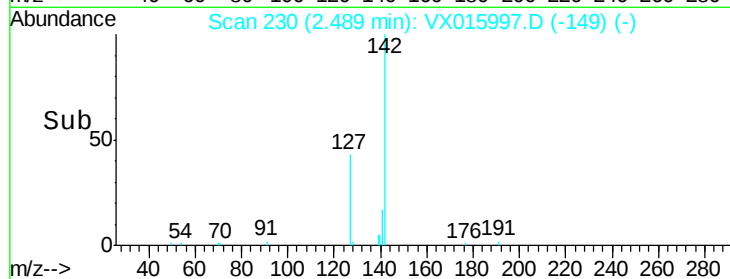
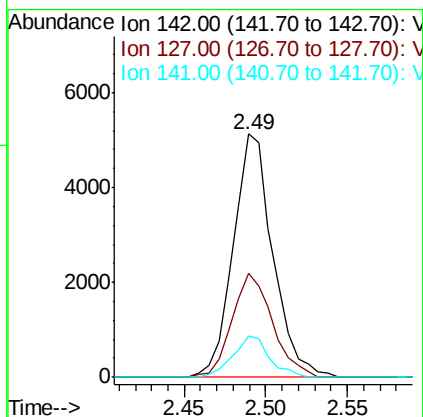
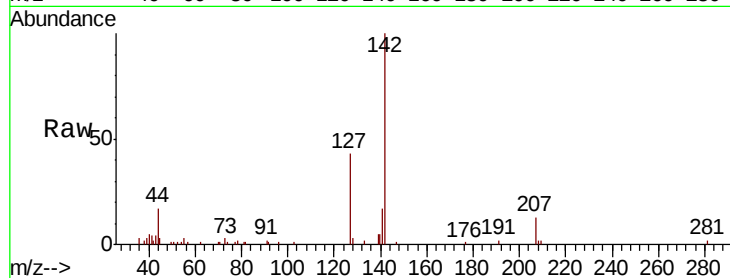




#11
Methvl Iodide
Concen: 2.266 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

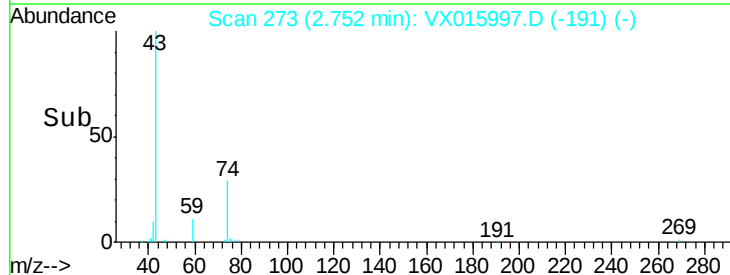
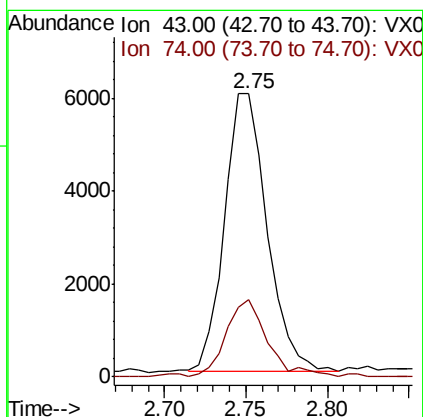
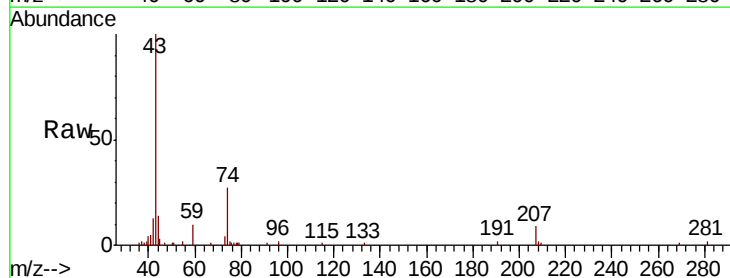
Instrument :
MSVOA_X
ClientSampleId :

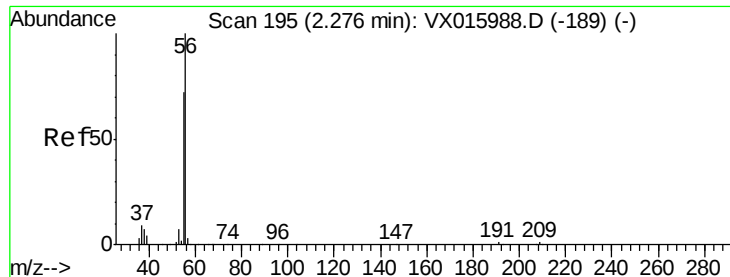
Tot Ion:142 Resp: 8671
Ion Ratio Lower Upper
142 100
127 42.8 22.8 68.4
141 17.0 7.0 21.1



#12
Methyl Acetate
Concen: 2.205 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion: 43 Resp: 10794
Ion Ratio Lower Upper
43 100
74 28.0 19.0 28.4





#13

Acrolein

Concen: 13.382 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

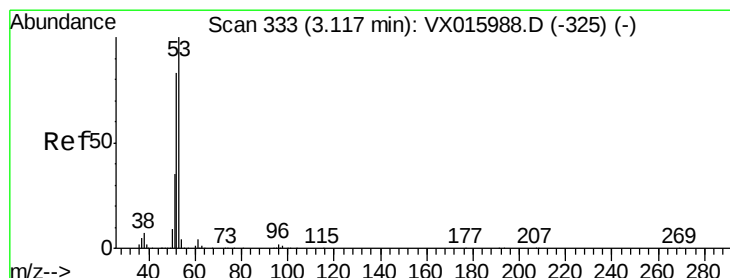
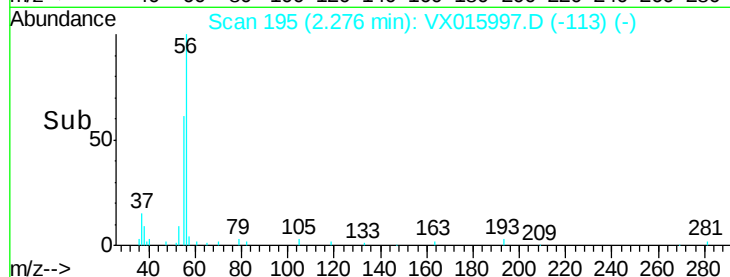
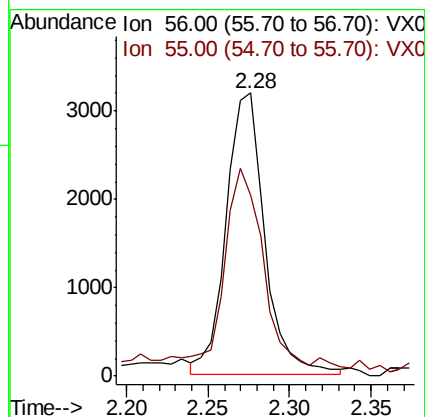
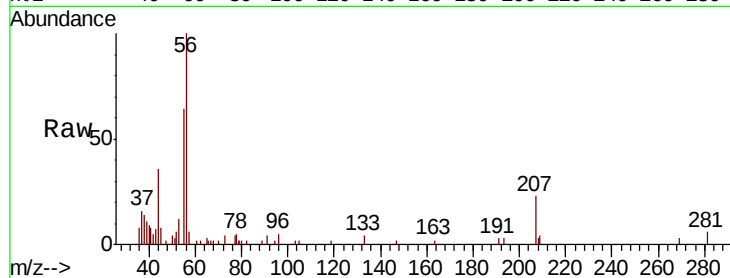
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 5251

Ion Ratio Lower Upper

56 100

55 66.7 56.2 84.4



#14

Acrylonitrile

Concen: 12.215 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

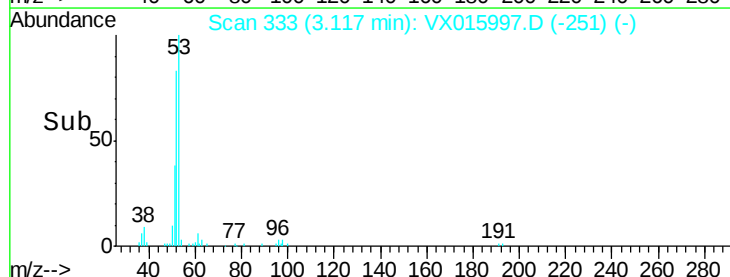
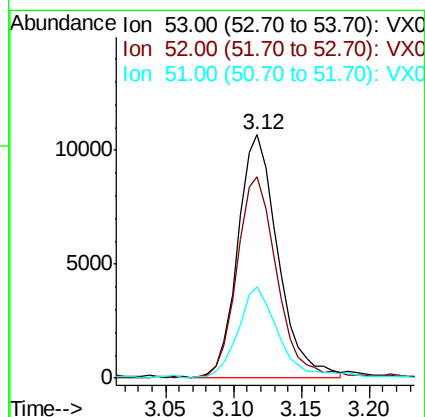
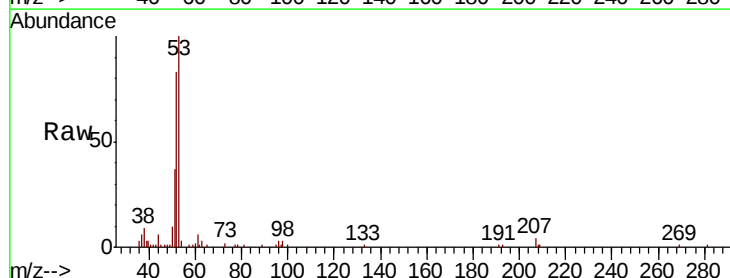
Tgt Ion: 53 Resp: 22085

Ion Ratio Lower Upper

53 100

52 81.3 41.2 123.6

51 37.8 17.8 53.5





#15

Acetone

Concen: 14.030 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

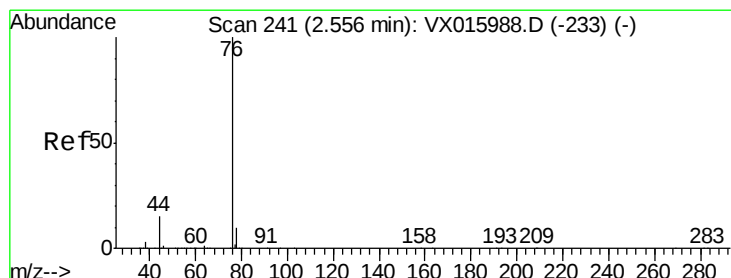
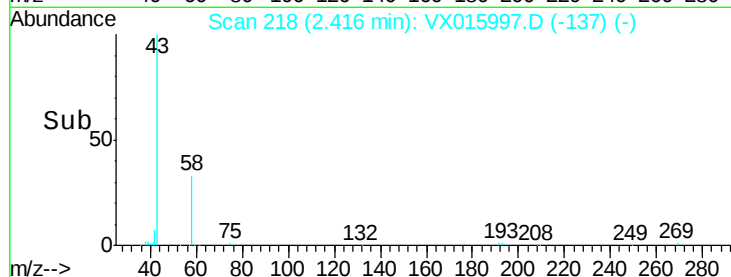
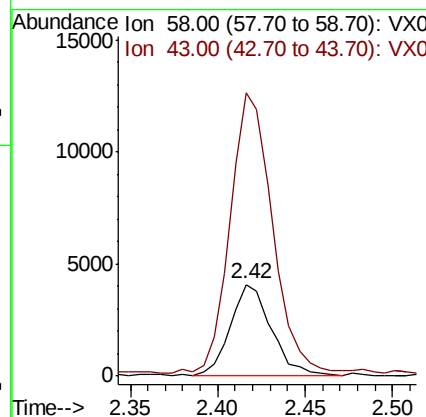
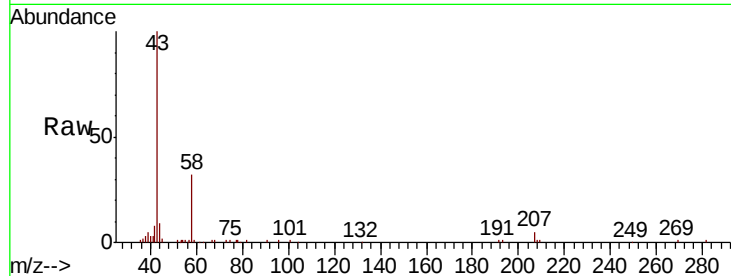
ClientSampleId :

Tot Ion: 58 Resp: 6713

Ion Ratio Lower Upper

58 100

43 304.8 264.2 396.2



#16

Carbon Disulfide

Concen: 2.731 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX015997.D

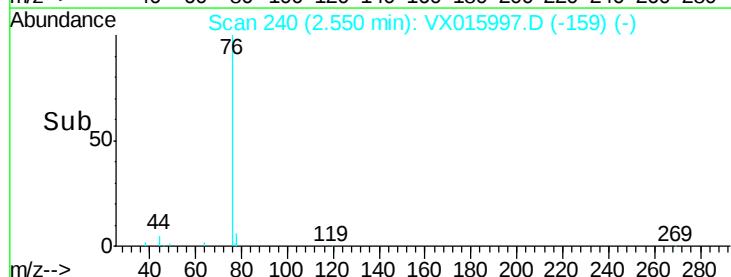
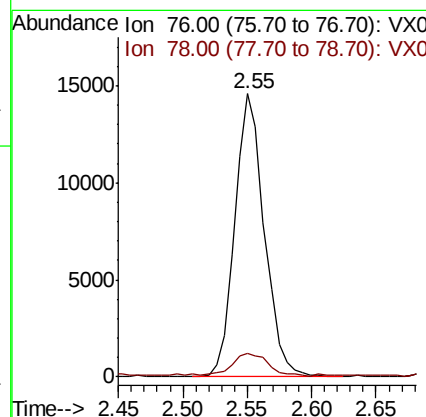
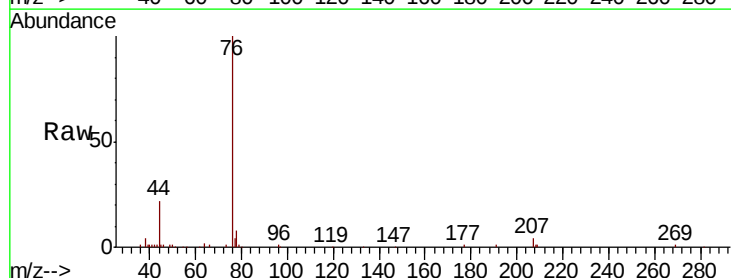
Acq: 30 Apr 2020 16:00

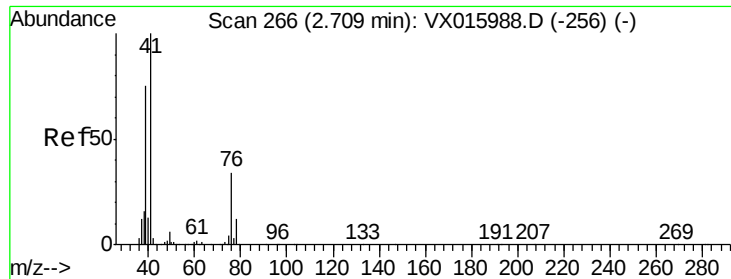
Tgt Ion: 76 Resp: 23290

Ion Ratio Lower Upper

76 100

78 7.7 7.7 11.5

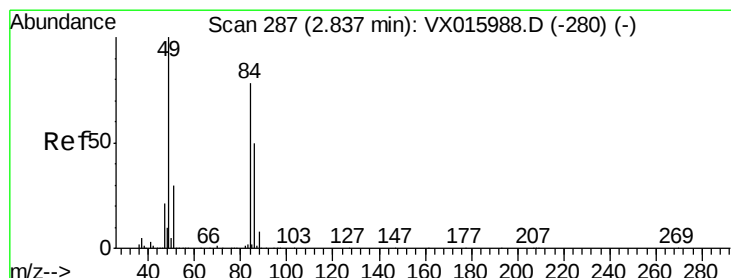
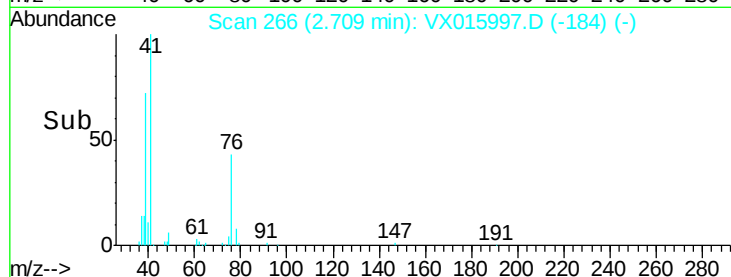
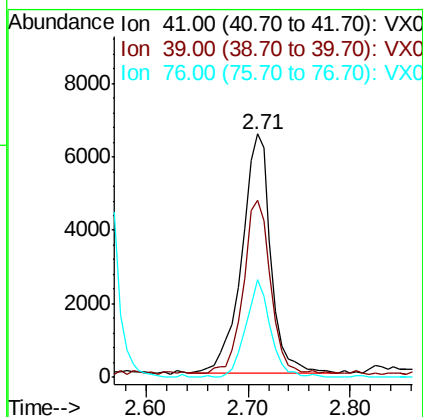
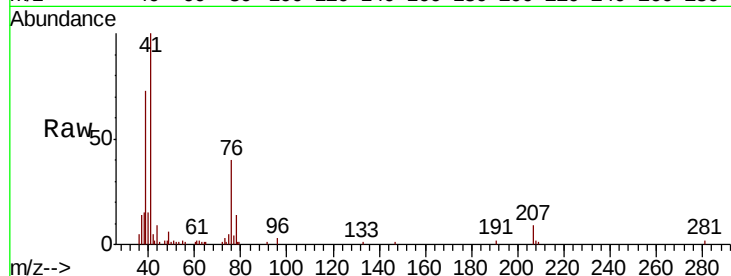




#17
Allvl chloride
Concen: 2.474 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

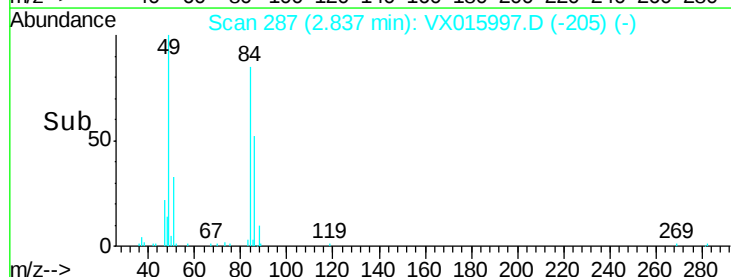
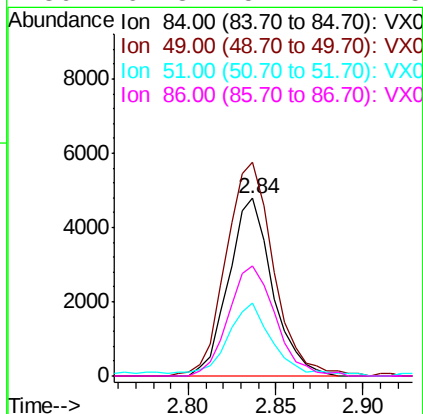
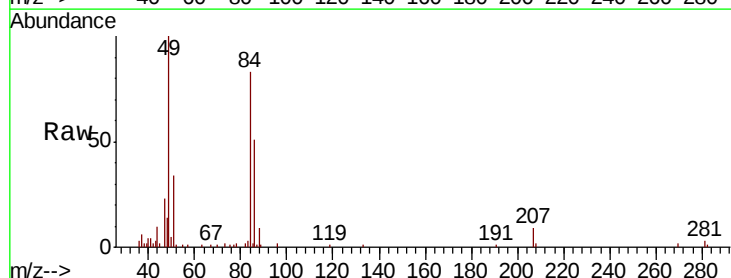
Instrument :
MSVOA_X
ClientSampleId :

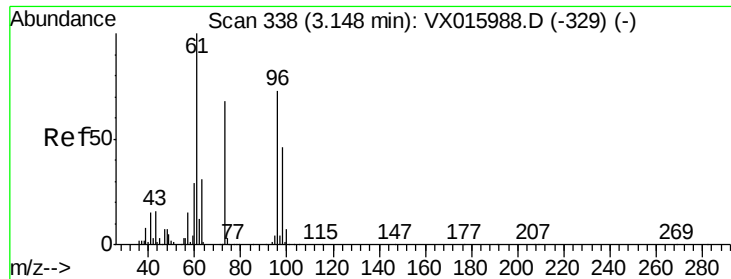
Tot Ion: 41 Resp: 12866
Ion Ratio Lower Upper
41 100
39 72.8 37.6 112.8
76 41.0 17.2 51.5



#18
Methylene Chloride
Concen: 2.655 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion: 84 Resp: 8338
Ion Ratio Lower Upper
84 100
49 117.9 103.0 154.4
51 40.0 31.4 47.0
86 61.8 51.7 77.5

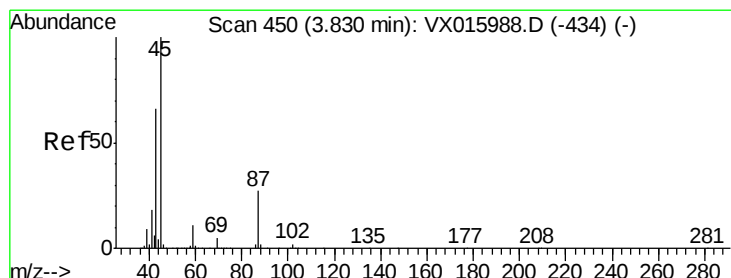
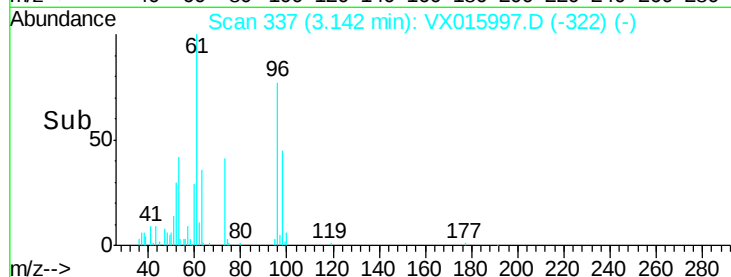
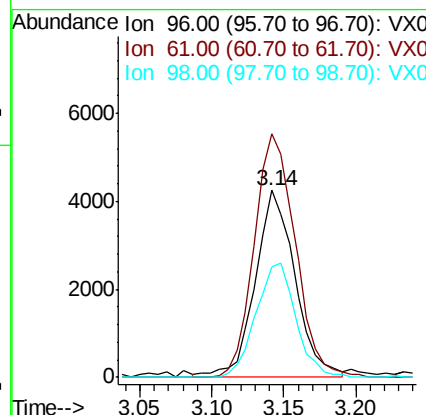
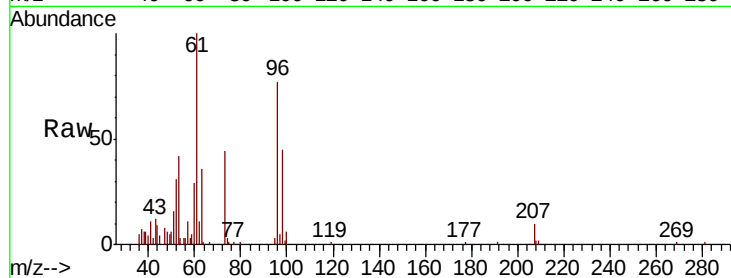




#19
trans-1,2-Dichloroethene
Concen: 2.631 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

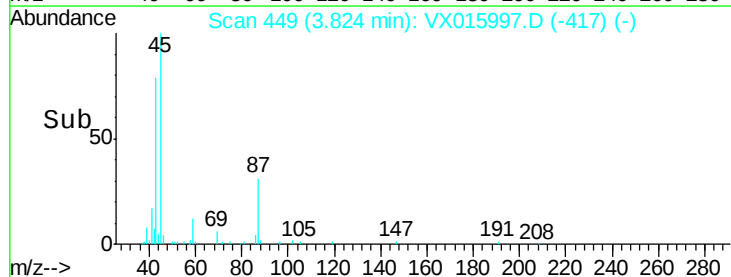
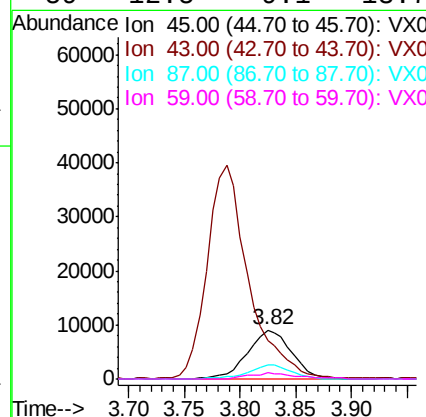
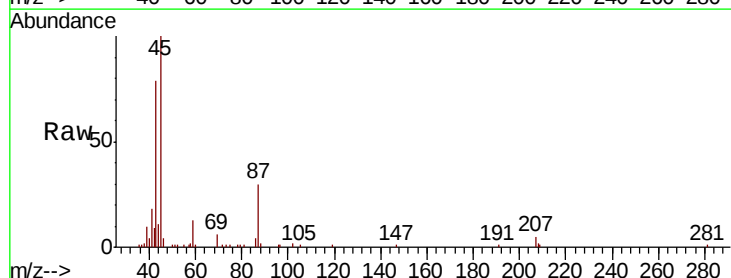
Instrument :
MSVOA_X
ClientSampleId :

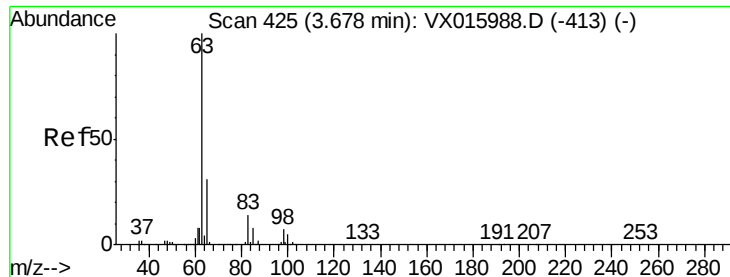
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	109.0	163.4
98	60.1	50.0	75.0



#20
Diisopropyl ether
Concen: 2.429 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	77.3	53.0	79.4
87	30.6	21.9	32.9
59	12.5	9.1	13.7





#21

1,1-Dichloroethane

Concen: 2.503 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX015997.D

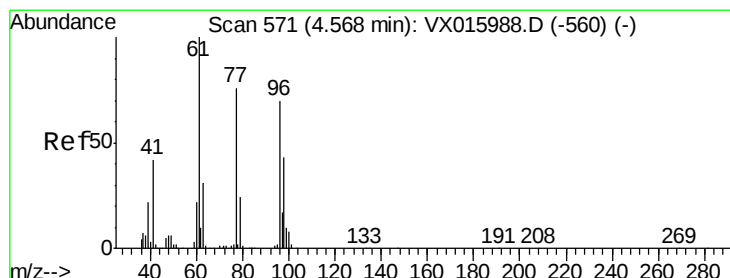
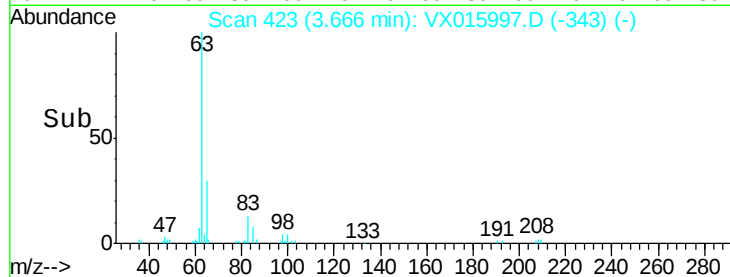
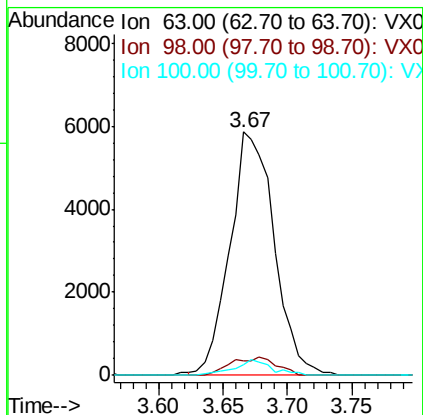
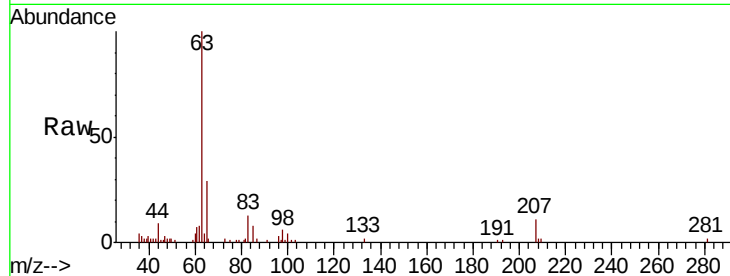
Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	13996
Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.5	10.4
100	4.3	2.3	6.9



#22

cis-1,2-Dichloroethene

Concen: 2.560 ug/l

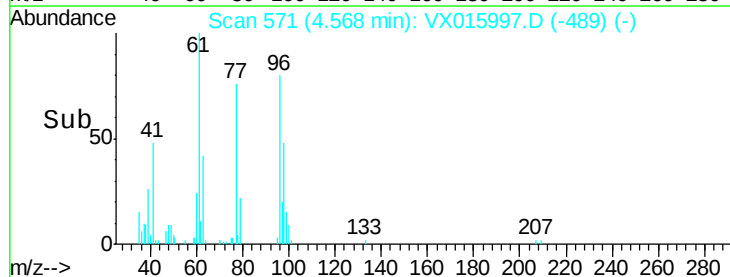
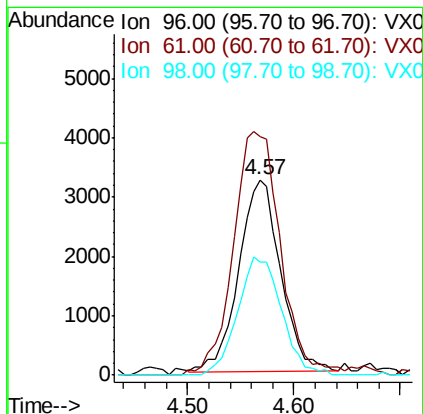
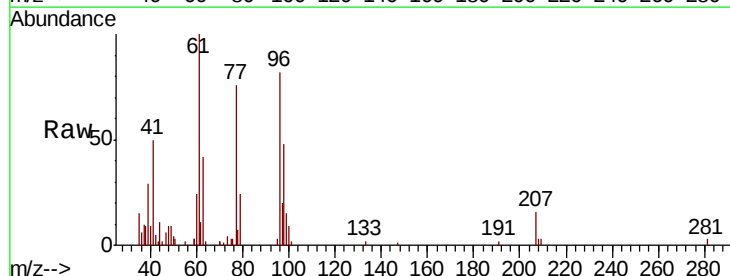
RT: 4.57 min Scan# 571

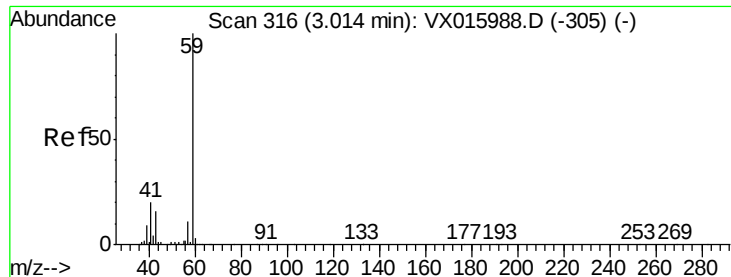
Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Tgt Ion:	96	Resp:	8908
Ion	Ratio	Lower	Upper
96	100		
61	142.3	121.6	182.4
98	64.6	51.9	77.9



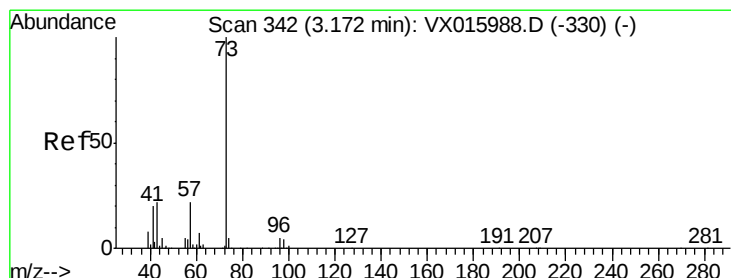
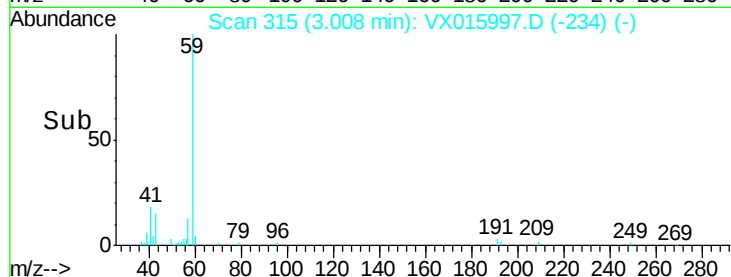
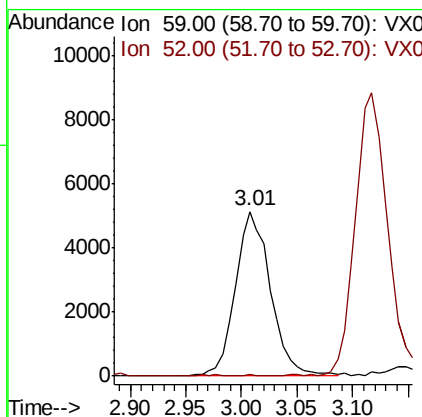
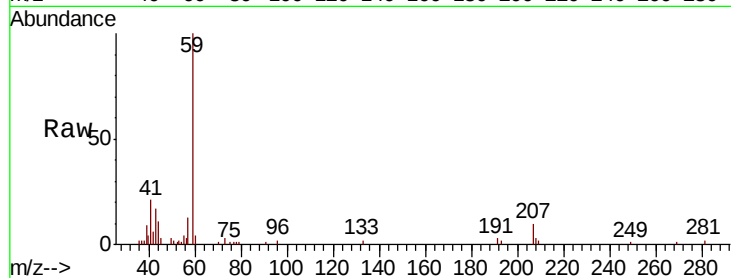


#23

tert-Butyl Alcohol
 Concen: 12.807 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

Instrument :
 MSVOA_X
 ClientSampleId :

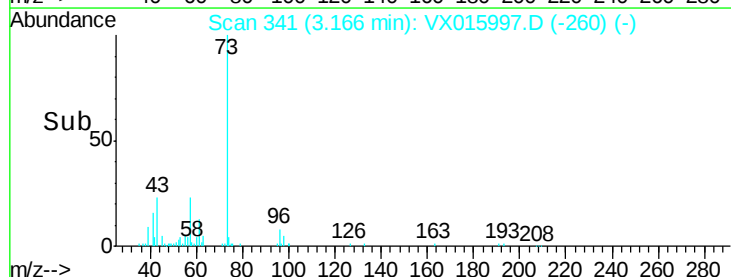
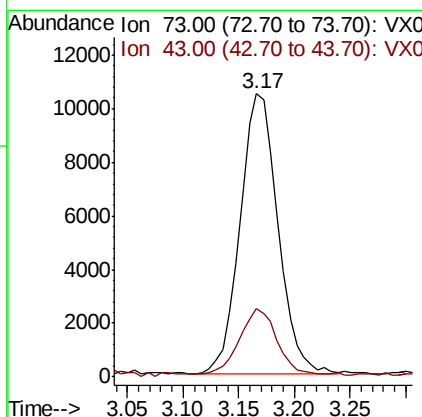
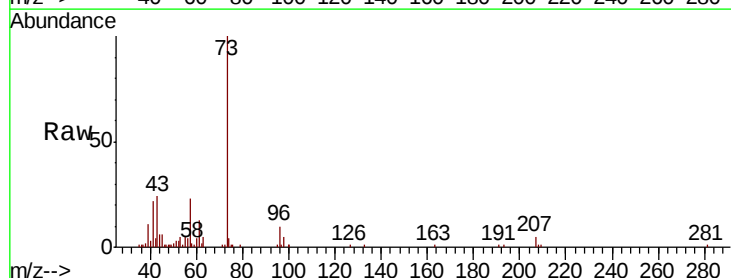
Tot Ion: 59 Resp: 11335
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

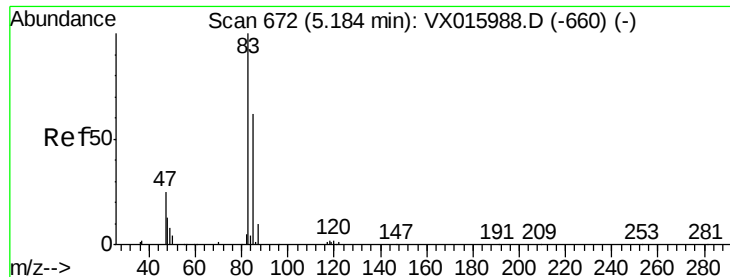


#24

Methyl tert-Butyl Ether
 Concen: 2.465 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

Tgt Ion: 73 Resp: 24814
 Ion Ratio Lower Upper
 73 100
 43 22.7 17.8 26.6

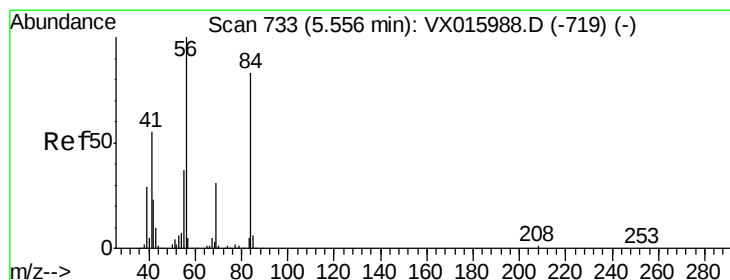
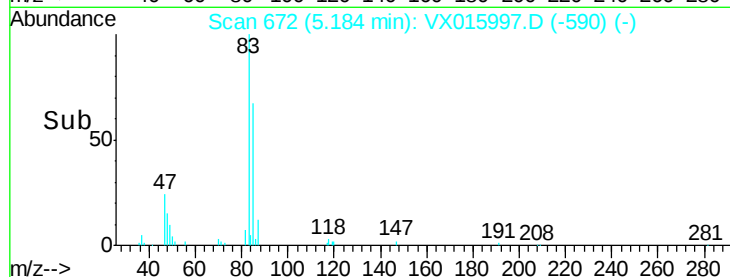
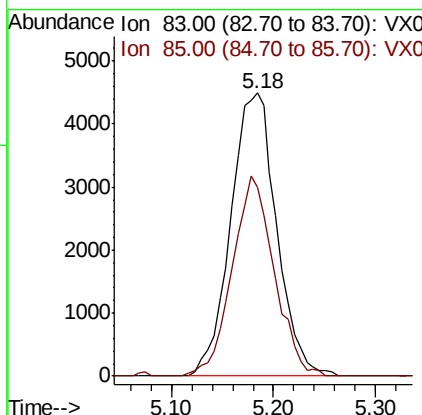
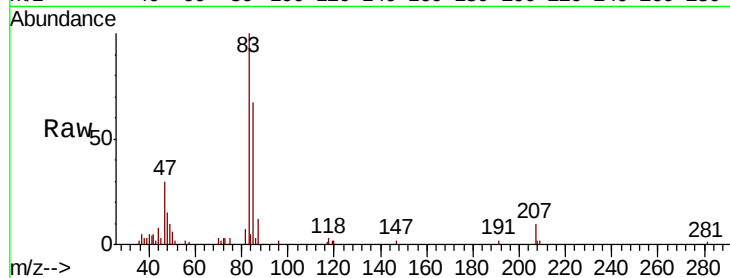




#25
Chloroform
Concen: 2.464 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

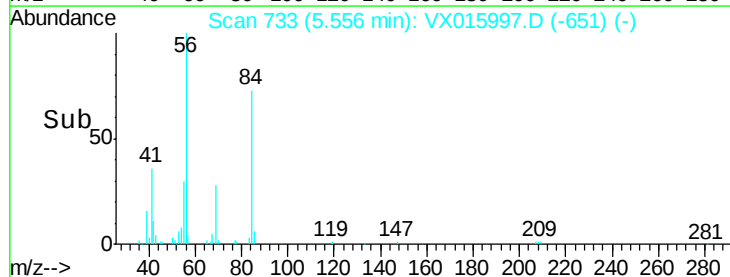
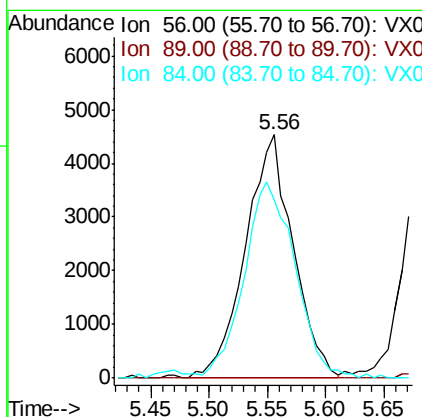
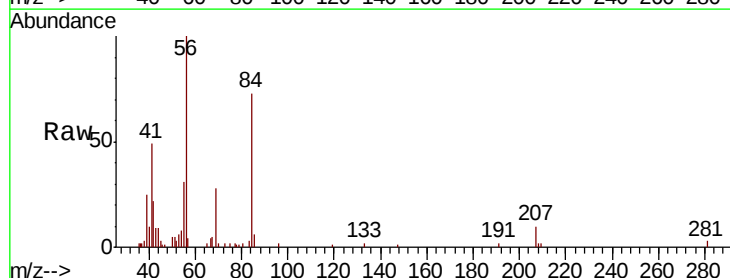
Instrument :
MSVOA_X
ClientSampleId :

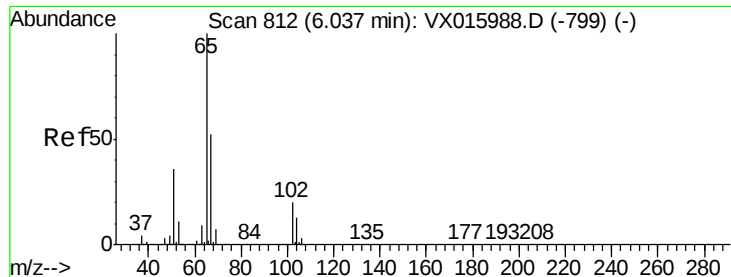
Tot Ion: 83 Resp: 13990
Ion Ratio Lower Upper
83 100
85 66.7 49.6 74.4



#26
Cyclohexane
Concen: 2.514 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion: 56 Resp: 12856
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.9 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 31.381 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

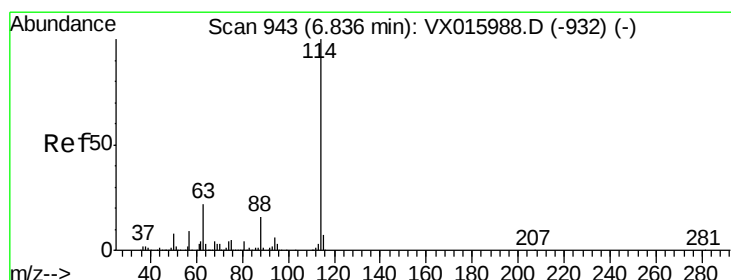
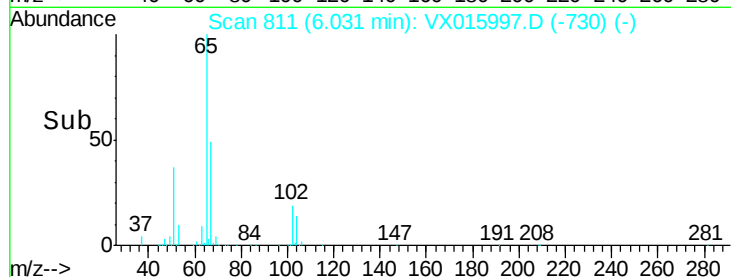
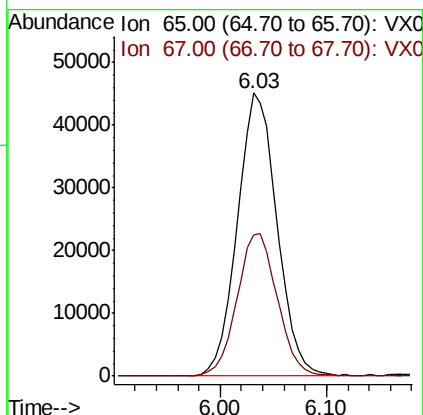
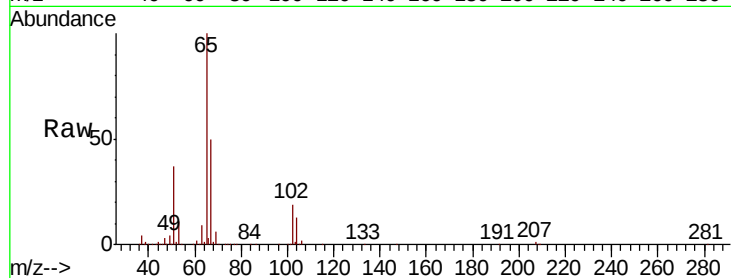
ClientSampled :

Tot Ion: 65 Resp: 118159

Ion Ratio Lower Upper

65 100

67 51.2 41.0 61.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

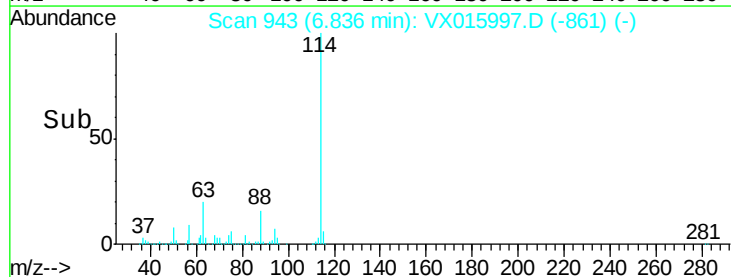
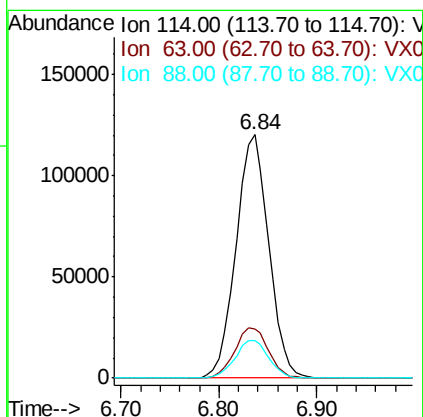
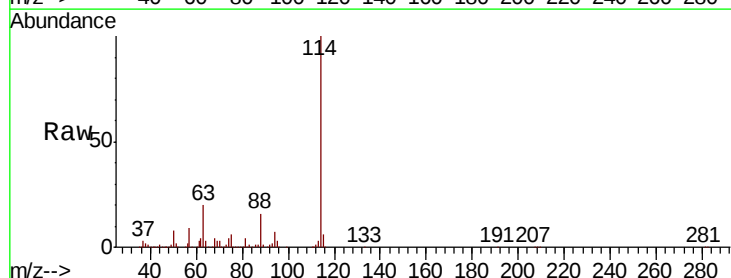
Tgt Ion: 114 Resp: 279198

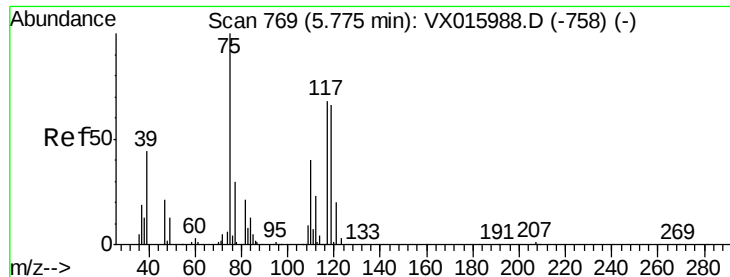
Ion Ratio Lower Upper

114 100

63 21.2 17.1 25.7

88 16.0 13.0 19.4





#29

1,1-Dichloropropene

Concen: 2.439 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampled :

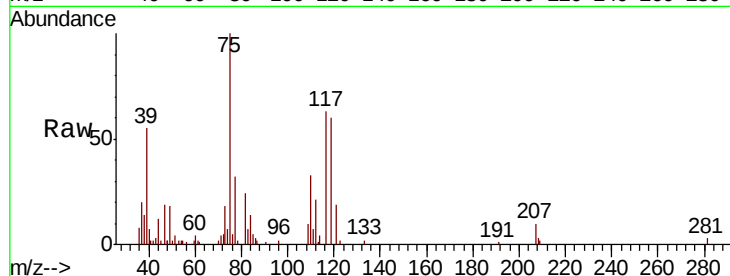
Tot Ion: 75 Resp: 10711

Ion Ratio Lower Upper

75 100

110 36.1 0.0 71.0

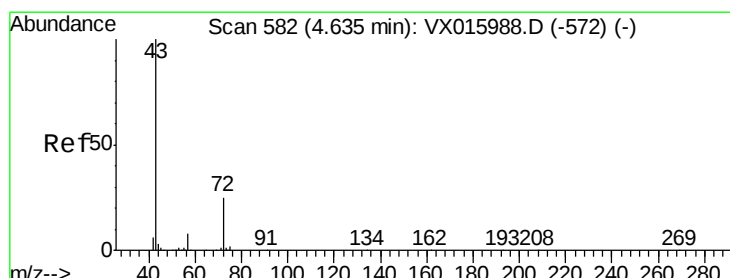
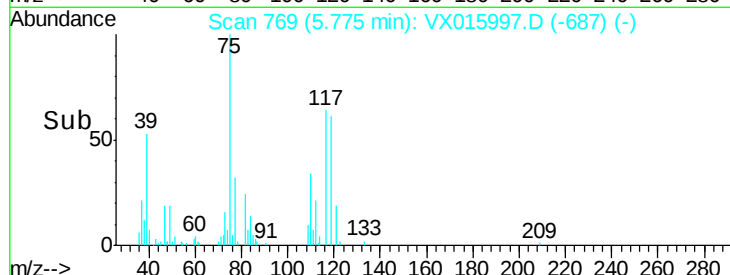
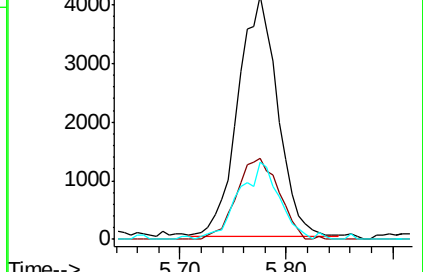
77 17.8 0.0 64.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 12.085 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

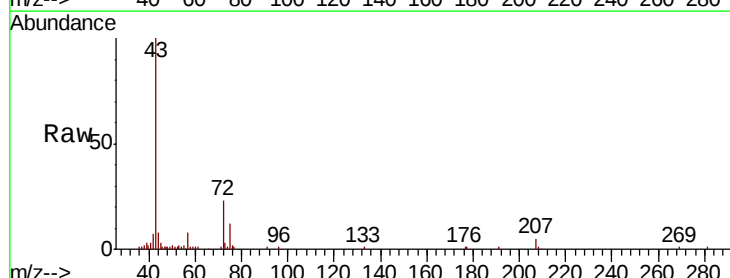
Tgt Ion: 43 Resp: 31620

Ion Ratio Lower Upper

43 100

57 8.6 6.3 9.5

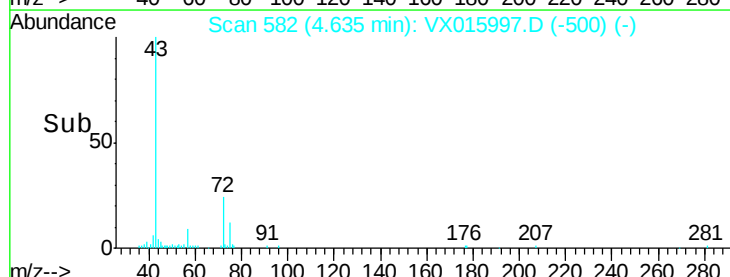
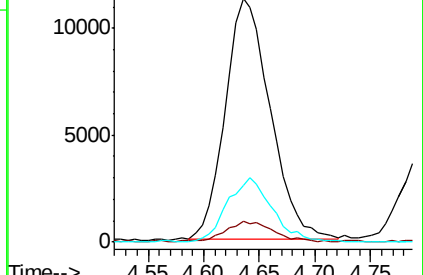
72 26.8 20.8 31.2

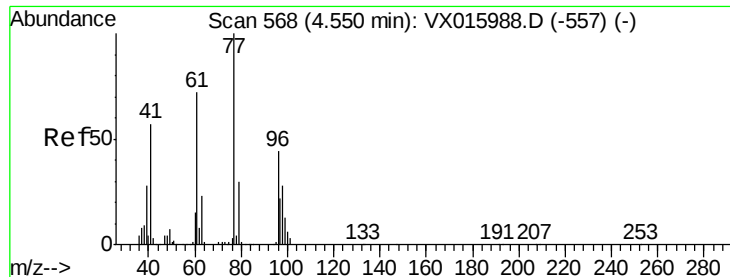


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 2.475 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

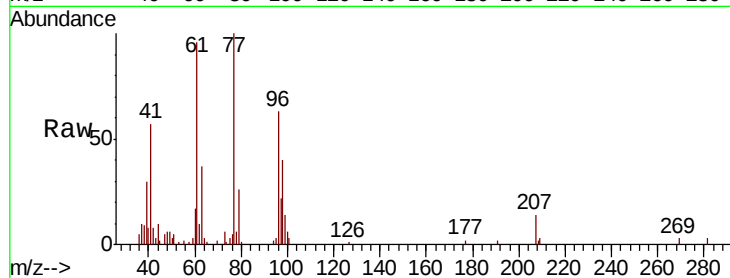
ClientSampleId :

Tot Ion: 77 Resp: 13080

Ion Ratio Lower Upper

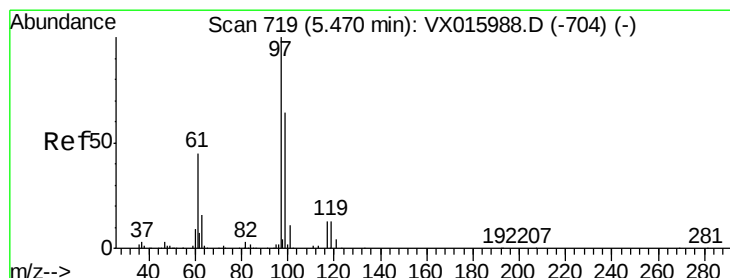
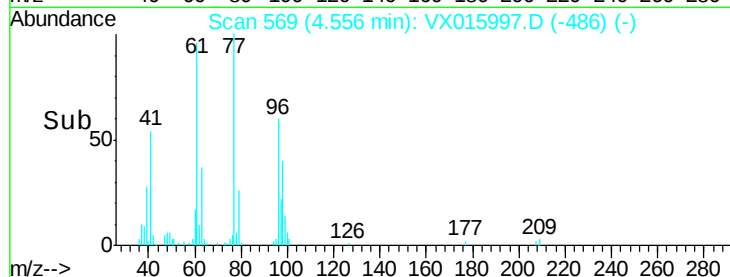
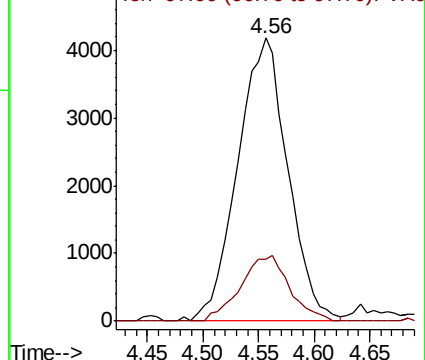
77 100

97 22.7 17.8 26.8



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 2.448 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

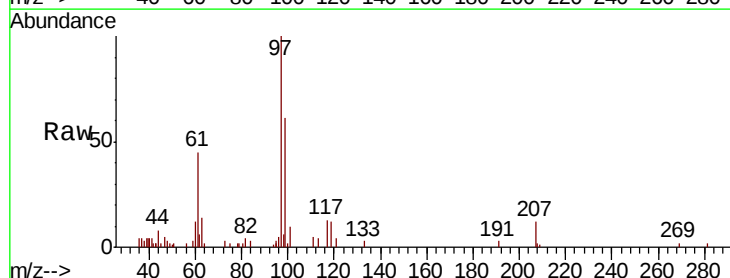
Tgt Ion: 97 Resp: 13042

Ion Ratio Lower Upper

97 100

99 61.9 50.7 76.1

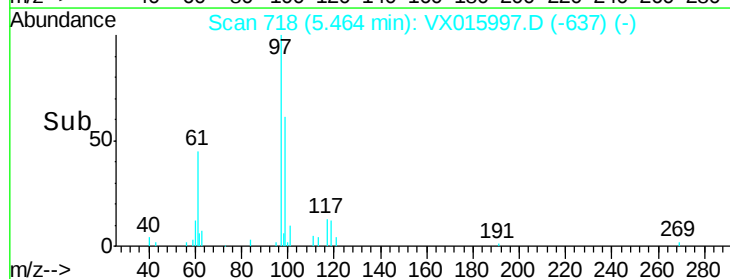
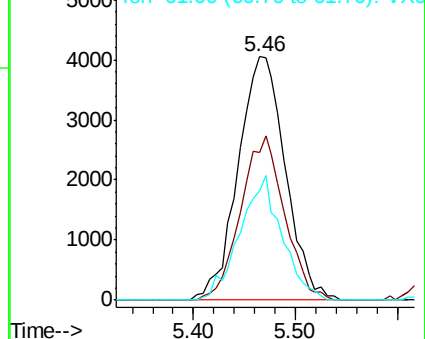
61 45.4 35.9 53.9

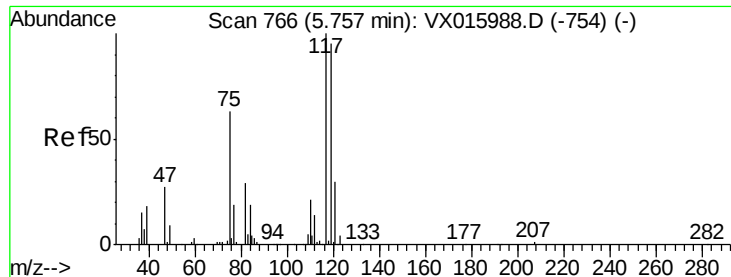


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 2.476 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampled :

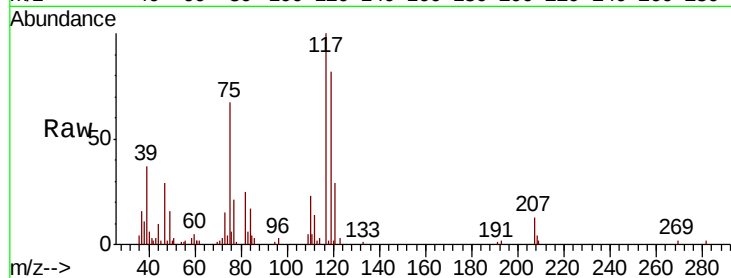
Tot Ion:117 Resp: 11742

Ion Ratio Lower Upper

117 100

119 82.2 76.3 114.5

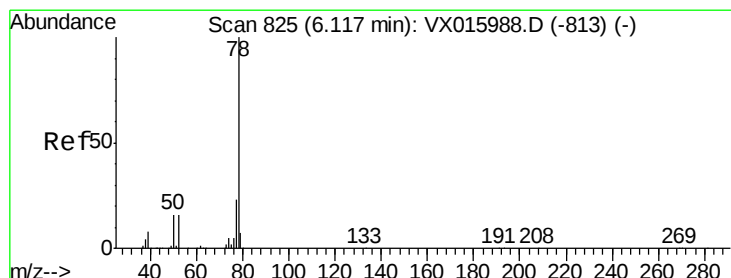
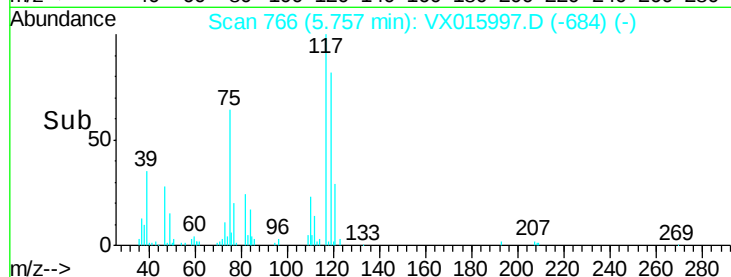
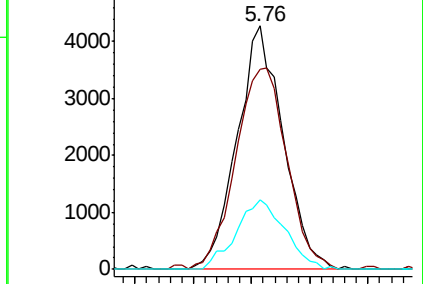
121 28.8 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 2.398 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

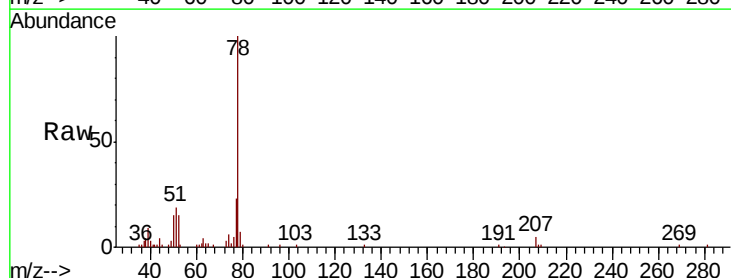
Tgt Ion: 78 Resp: 30761

Ion Ratio Lower Upper

78 100

77 22.8 18.7 28.1

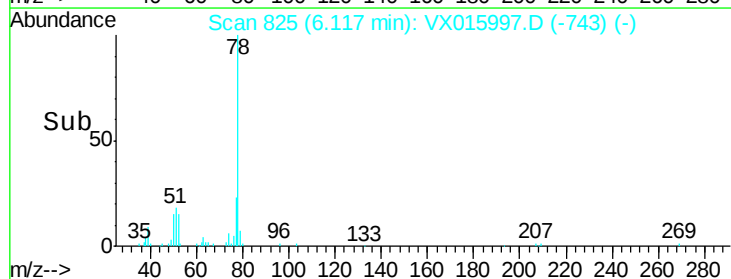
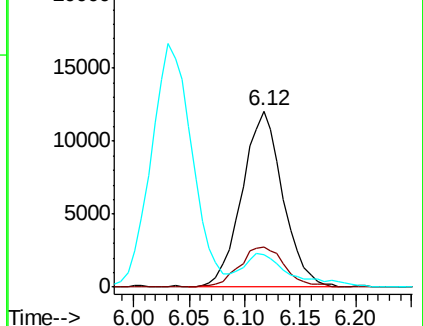
51 15.6 12.7 19.1

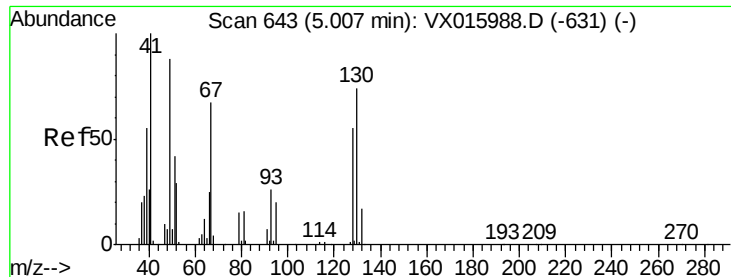


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

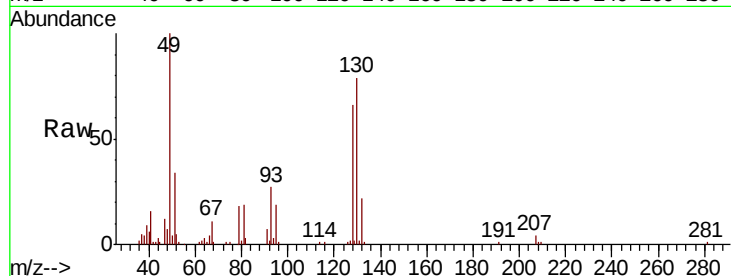




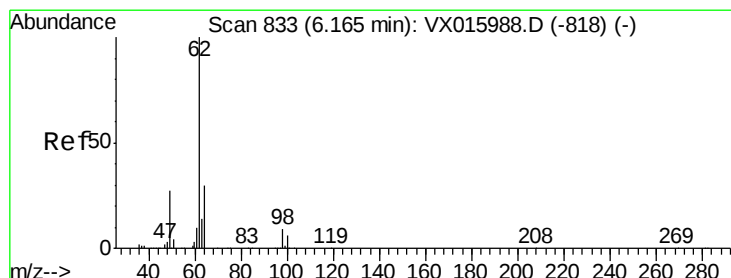
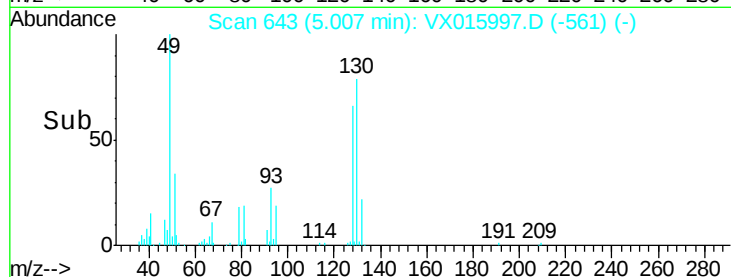
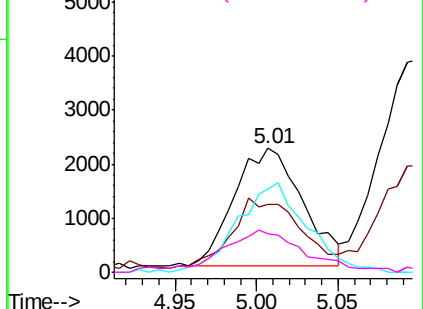
#35
Methacrylonitrile
Concen: 2.259 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	6277
Ion	Ratio	Lower	Upper
41	100		
39	52.4	27.5	82.4
67	65.9	33.6	100.6
52	28.9	14.5	43.5

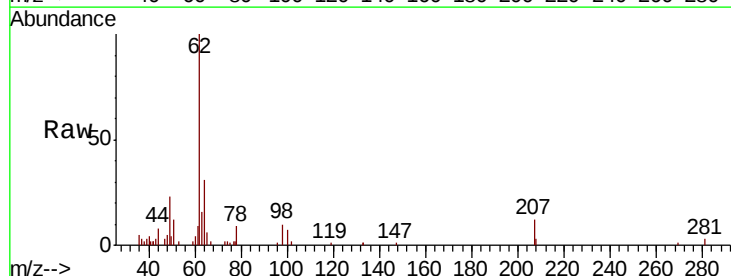


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

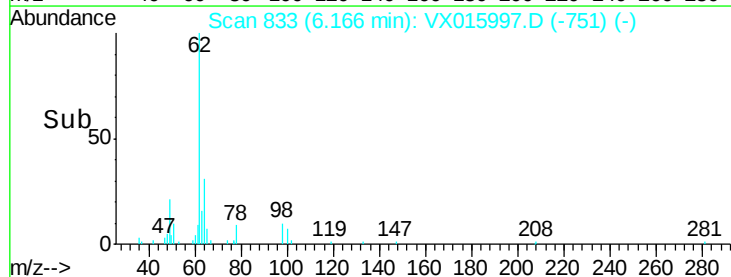
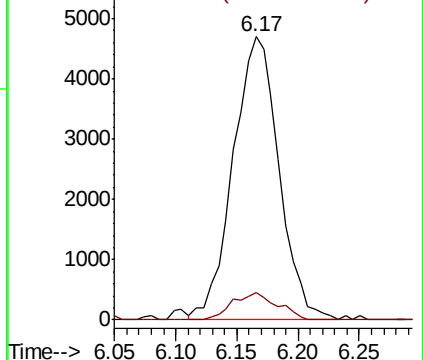


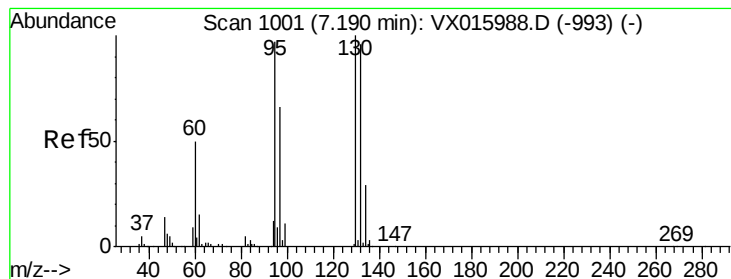
#36
1,2-Dichloroethane
Concen: 2.500 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion:	62	Resp:	12247
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.4	11.2



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 2.498 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

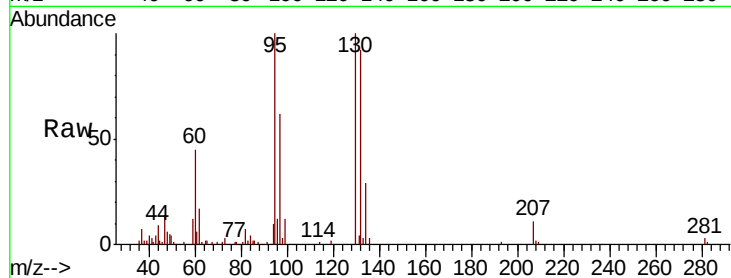
ClientSampleId :

Tot Ion:130 Resp: 11399

Ion Ratio Lower Upper

130 100

95 100.1 77.8 116.8



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

6000

5000

4000

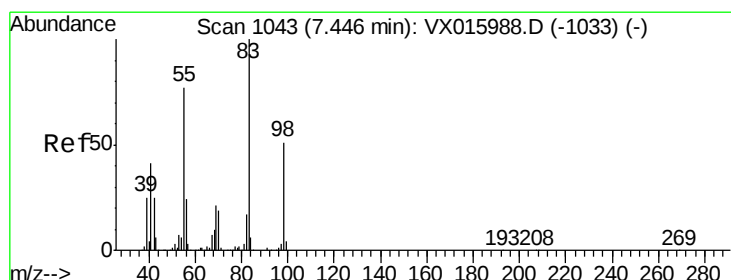
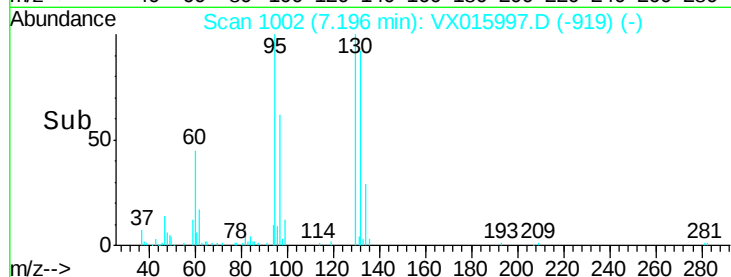
3000

2000

1000

0

Time--> 7.10 7.15 7.20 7.25



#38

Methylcyclohexane

Concen: 2.354 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

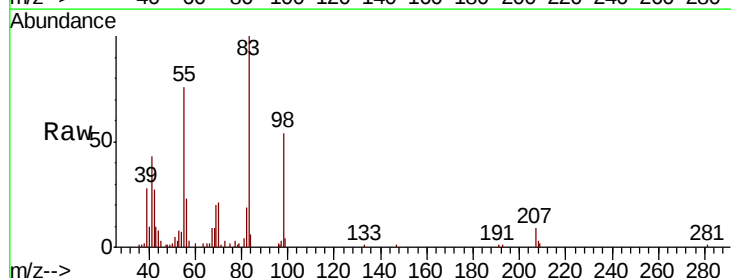
Tgt Ion: 83 Resp: 12634

Ion Ratio Lower Upper

83 100

55 81.8 38.8 116.4

98 48.9 25.1 75.3



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

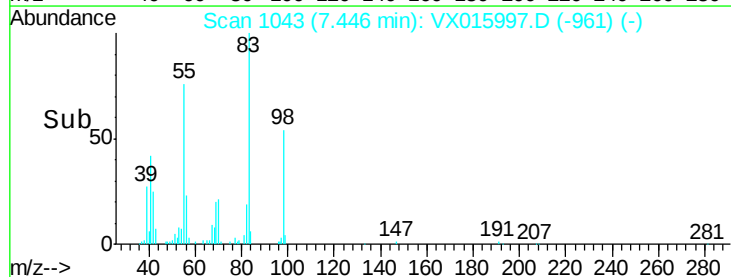
6000

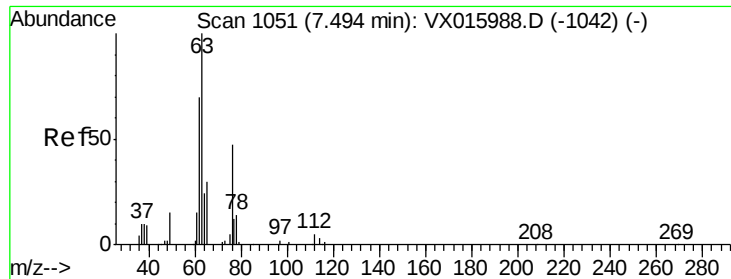
4000

2000

0

Time--> 7.35 7.40 7.45 7.50

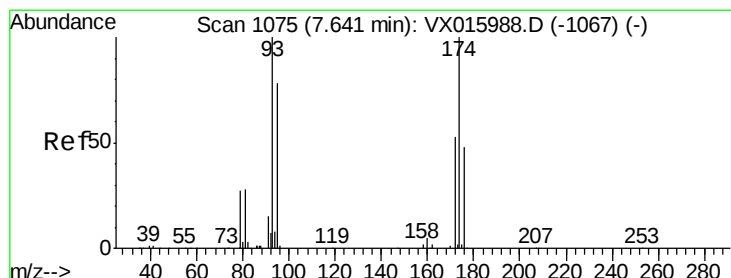
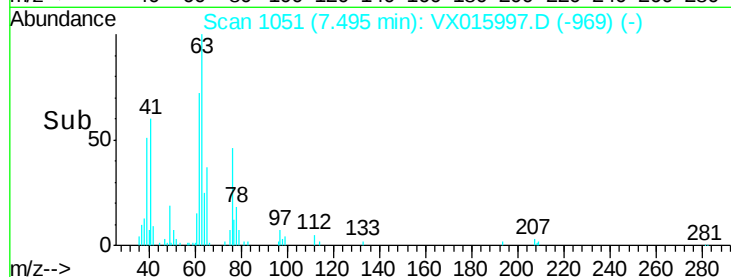
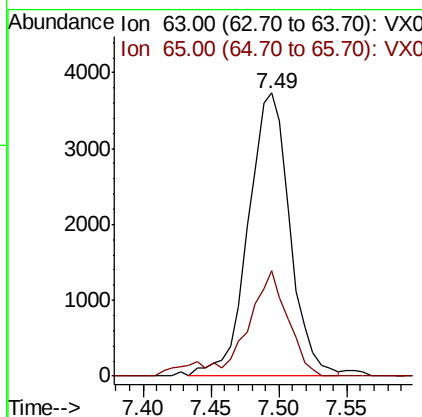
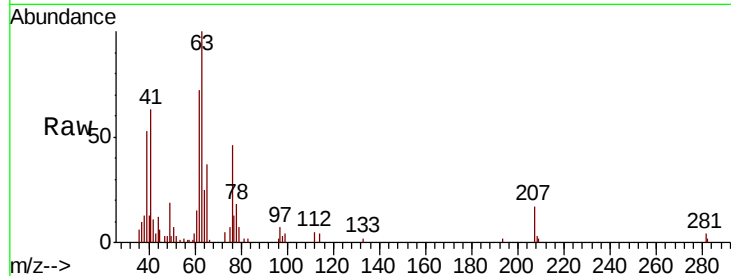




#39
 1,2-Dichloropropane
 Concen: 2.428 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

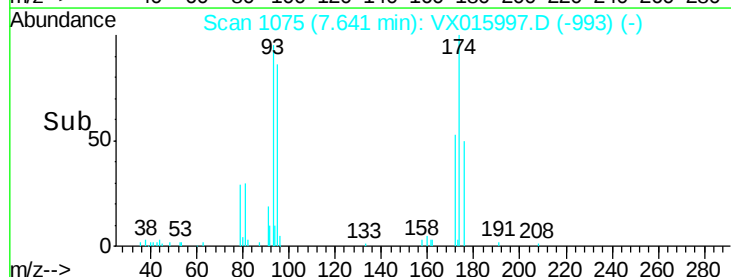
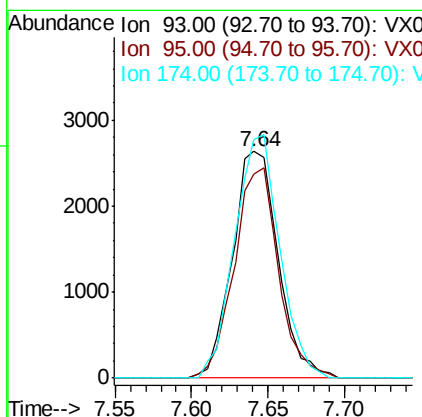
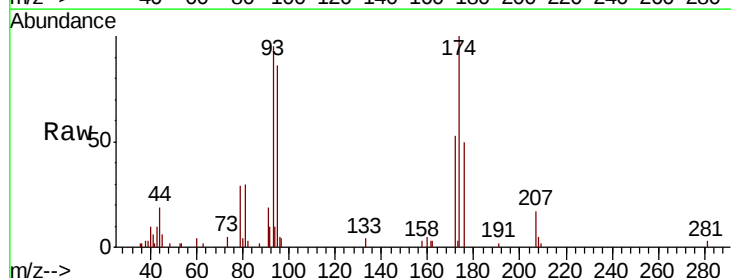
Instrument :
 MSVOA_X
 ClientSampleId :

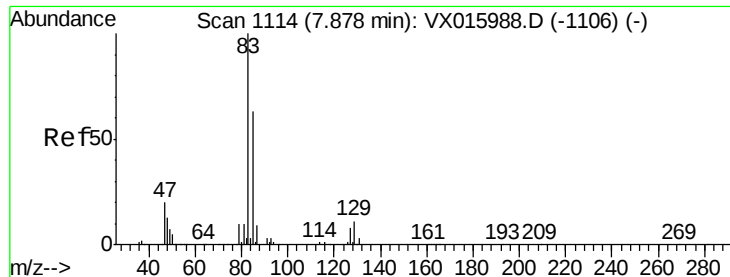
Tot Ion: 63 Resp: 7994
 Ion Ratio Lower Upper
 63 100
 65 37.4 25.9 38.9



#40
 Dibromomethane
 Concen: 2.407 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

Tgt Ion: 93 Resp: 5502
 Ion Ratio Lower Upper
 93 100
 95 89.5 0.0 162.8
 174 105.4 0.0 204.0





#41

Bromodichloromethane

Concen: 2.331 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

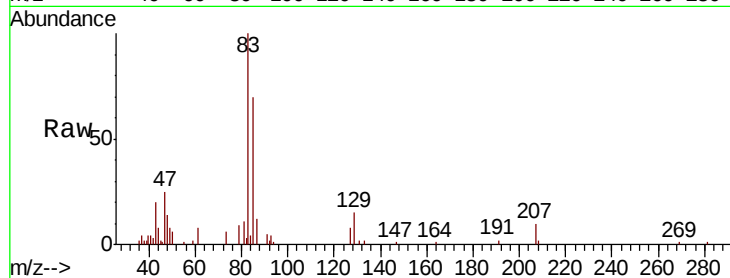
Tot Ion: 83 Resp: 10986

Ion Ratio Lower Upper

83 100

85 69.5 50.4 75.6

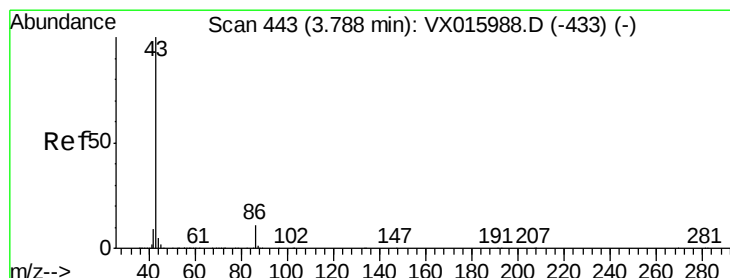
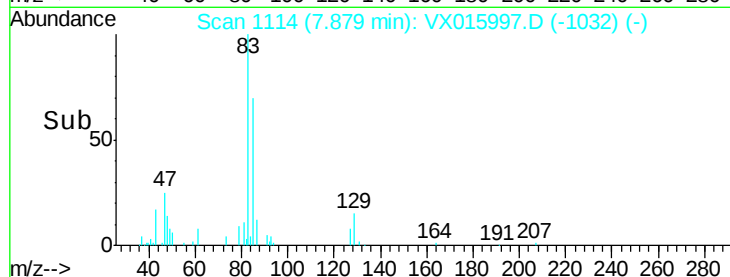
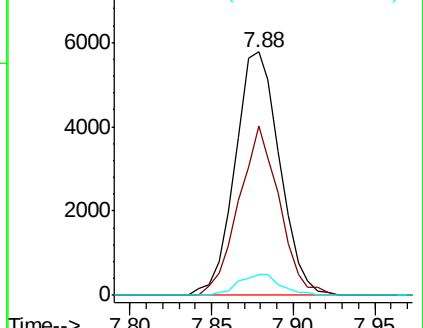
127 8.3 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 11.710 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015997.D

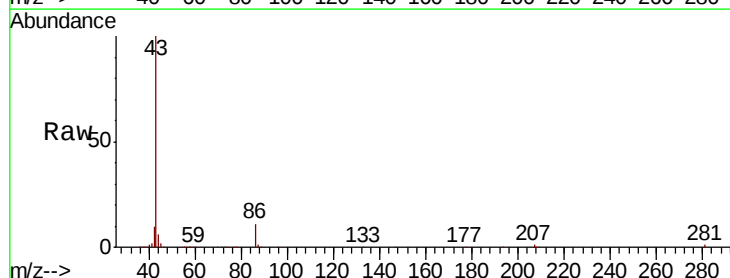
Acq: 30 Apr 2020 16:00

Tgt Ion: 43 Resp: 101369

Ion Ratio Lower Upper

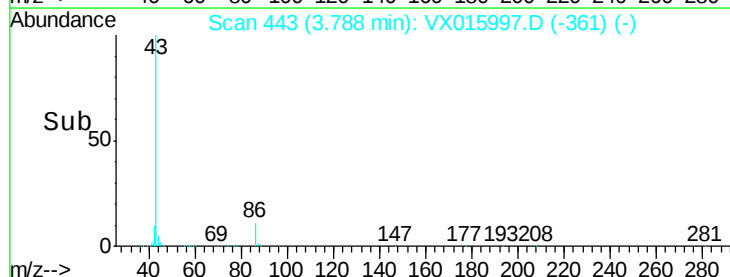
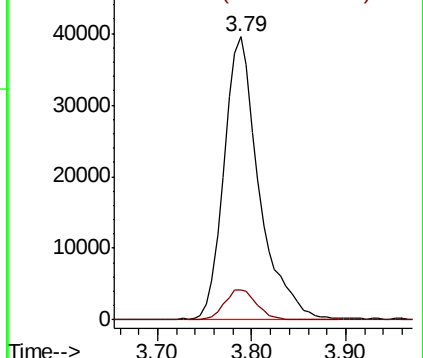
43 100

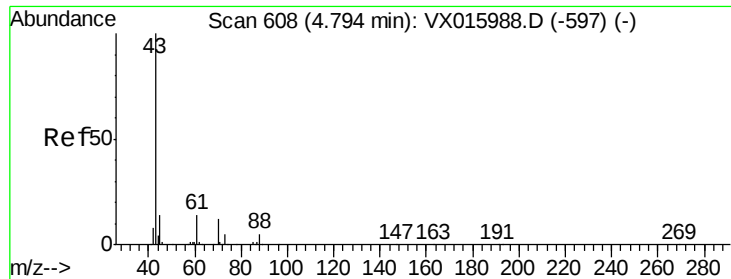
86 9.8 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

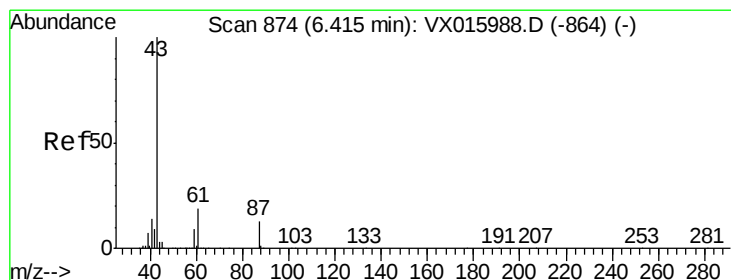
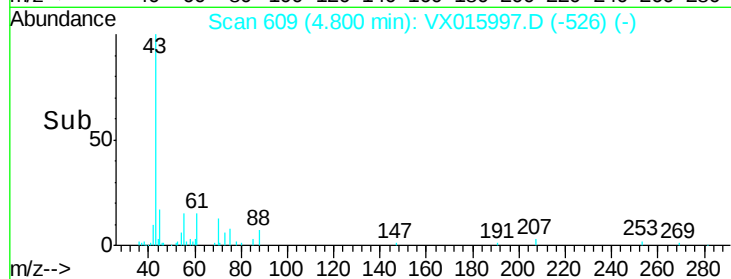
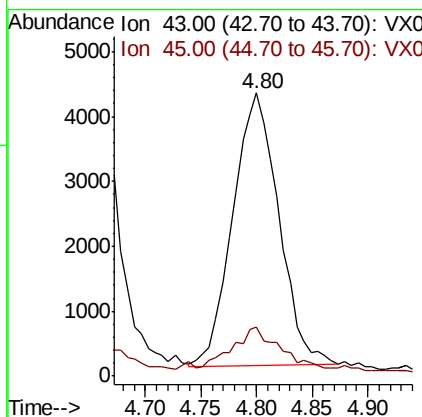
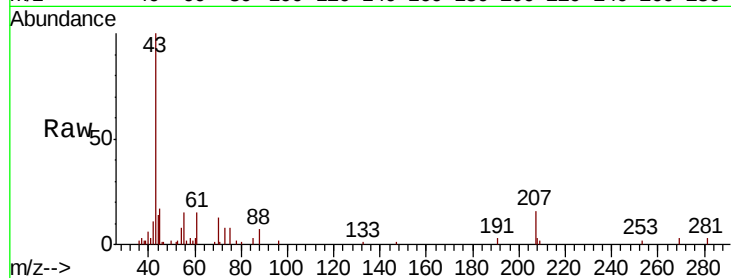




#43
Ethyl Acetate
Concen: 2.335 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

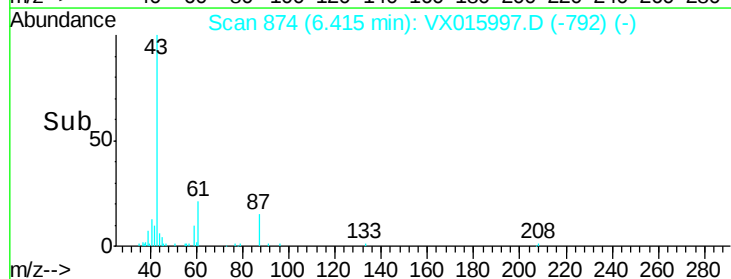
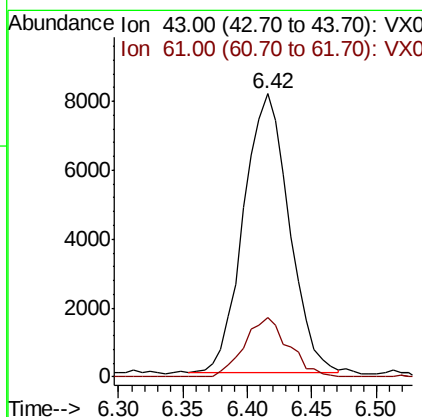
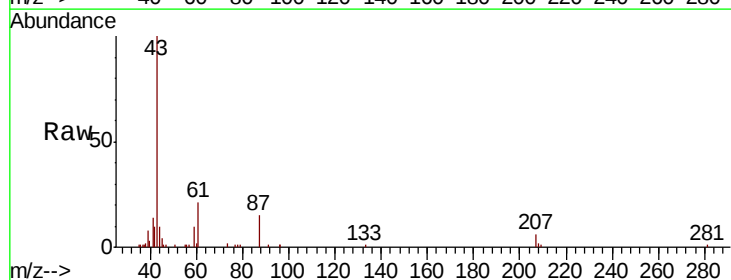
Instrument :
MSVOA_X
ClientSampled :

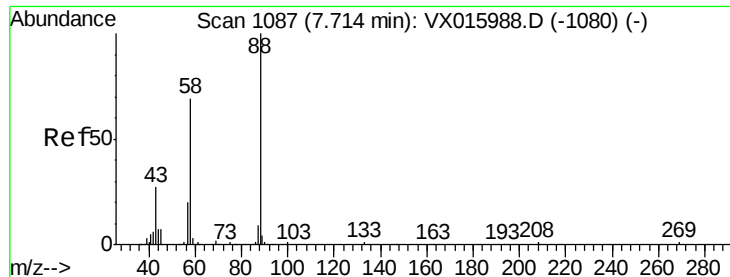
Tot Ion: 43 Resp: 12054
Ion Ratio Lower Upper
43 100
45 10.8 11.9 17.9#



#44
Isopropyl Acetate
Concen: 2.366 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion: 43 Resp: 19818
Ion Ratio Lower Upper
43 100
61 20.7 16.1 24.1

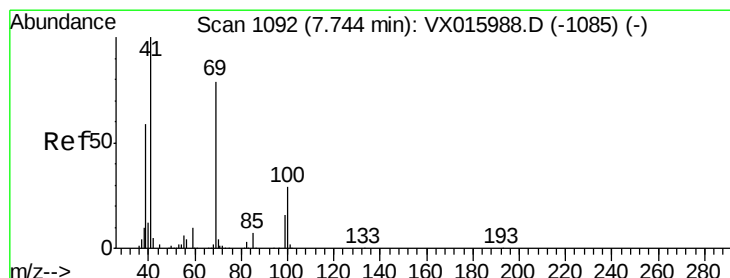
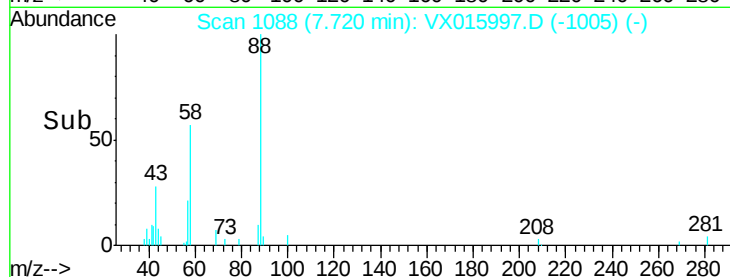
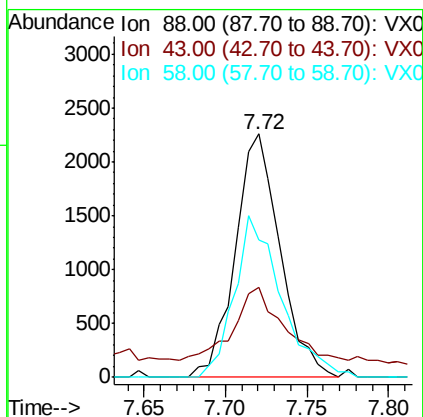
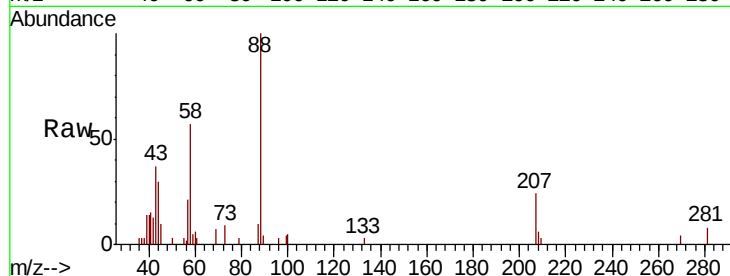




#45
 1,4-Dioxane
 Concen: 48.796 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

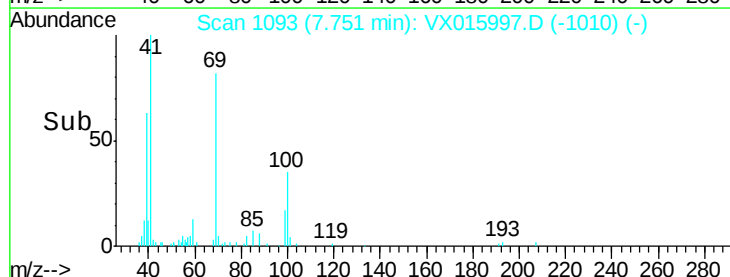
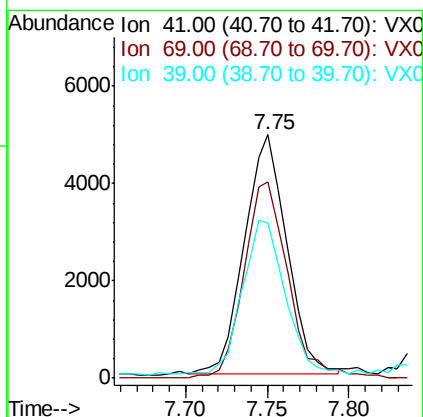
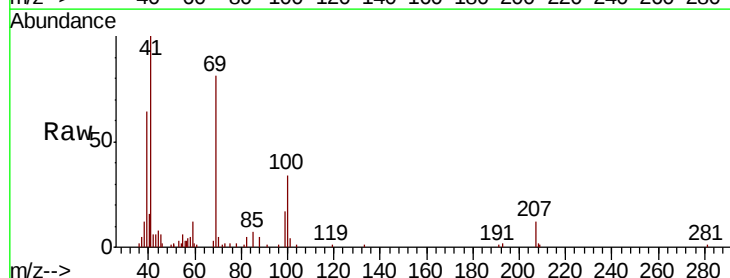
Instrument :
 MSVOA_X
 ClientSampleId :

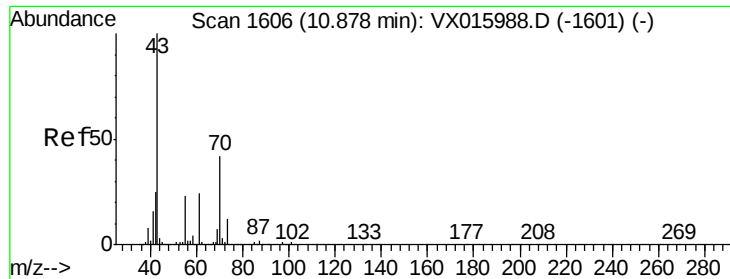
Tot Ion	88	Resp	4317
Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.3	39.5
58	69.3	57.0	85.6



#46
 Methyl methacrylate
 Concen: 2.240 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

Tgt Ion	41	Resp	8895
Ion	Ratio	Lower	Upper
41	100		
69	82.2	39.5	118.5
39	63.0	29.6	88.9

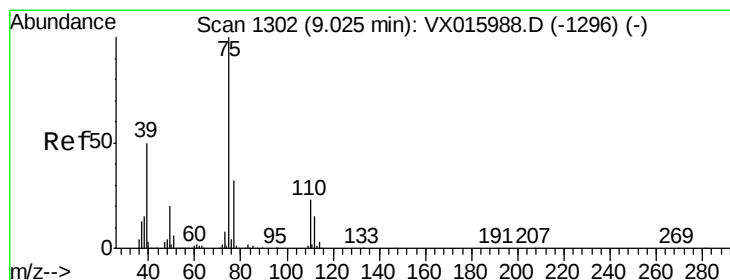
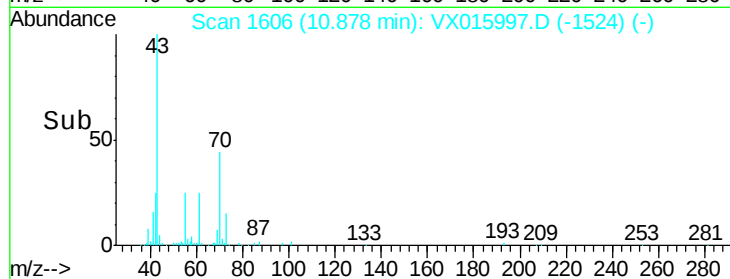
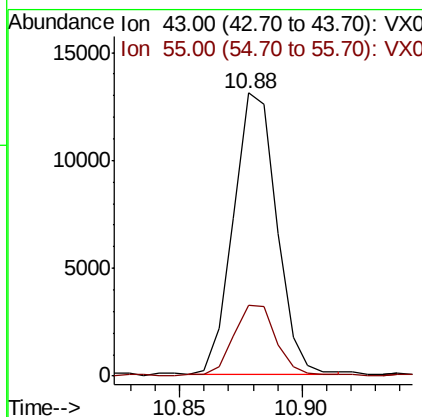
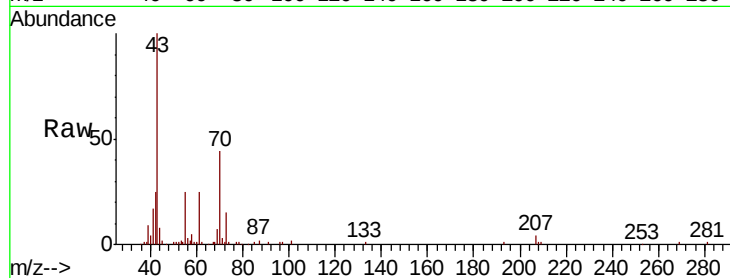




#47
n-amvl Acetate
Concen: 2.198 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

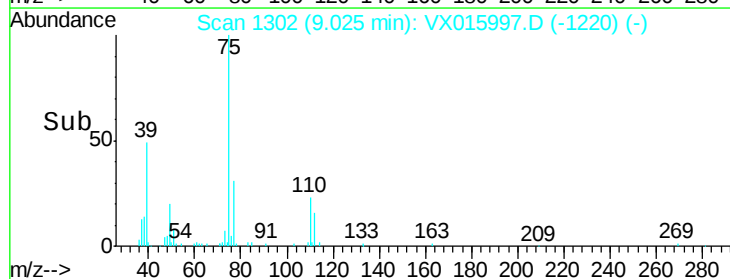
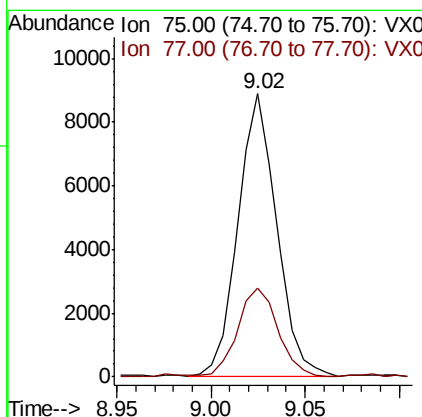
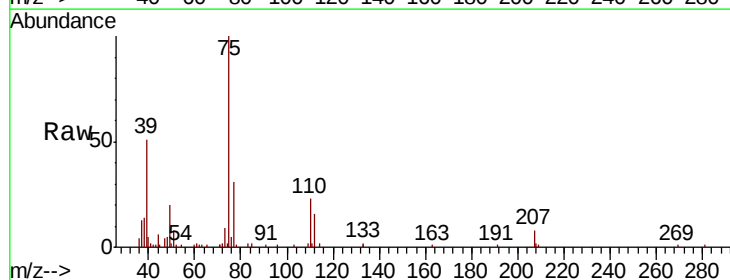
Instrument :
MSVOA_X
ClientSampleId :

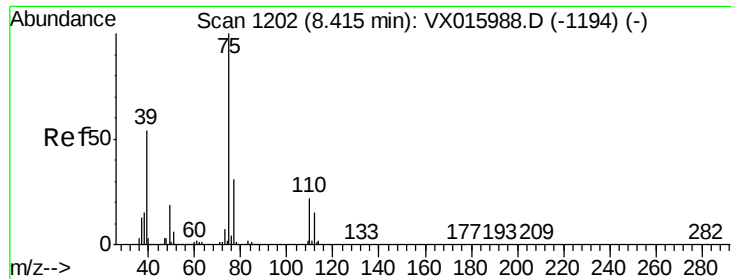
Tot Ion: 43 Resp: 16101
Ion Ratio Lower Upper
43 100
55 25.0 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 2.317 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion: 75 Resp: 12683
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8



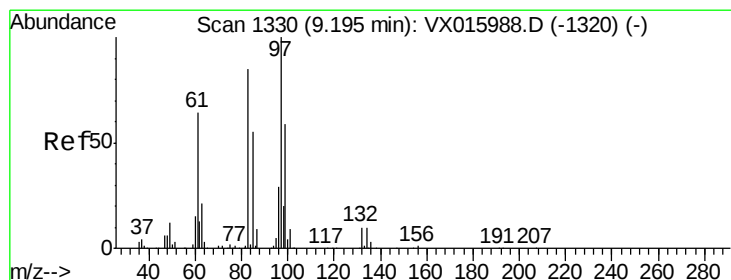
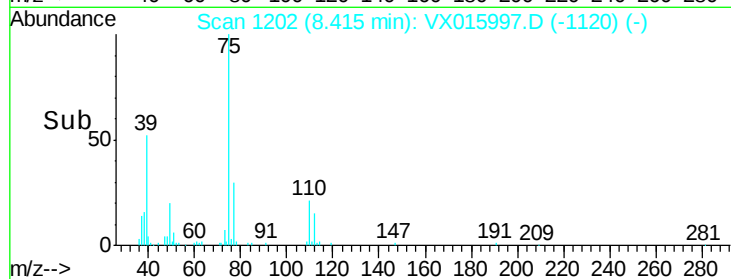
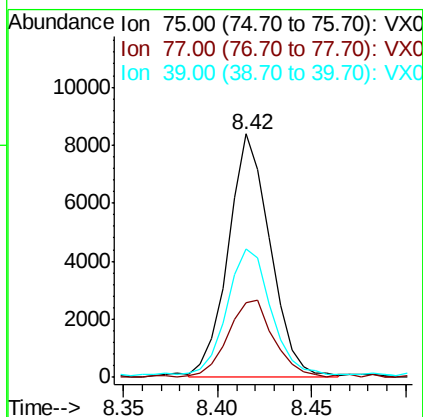
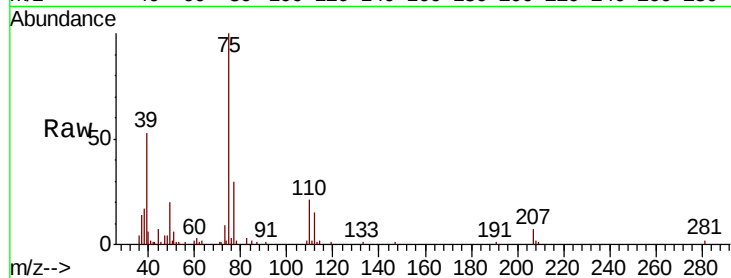


#49

cis-1,3-Dichloropropene
Concen: 2.303 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampled :

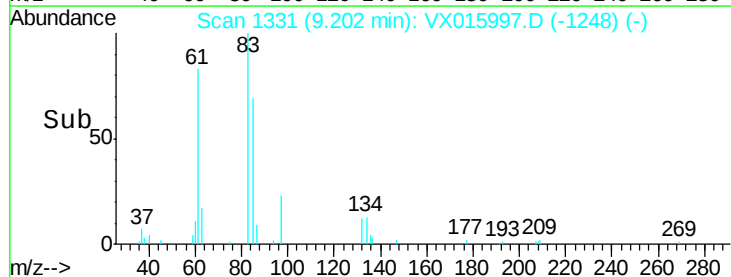
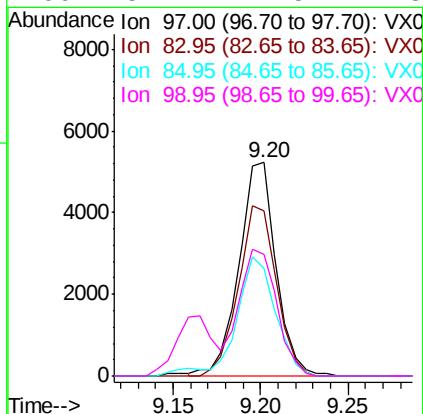
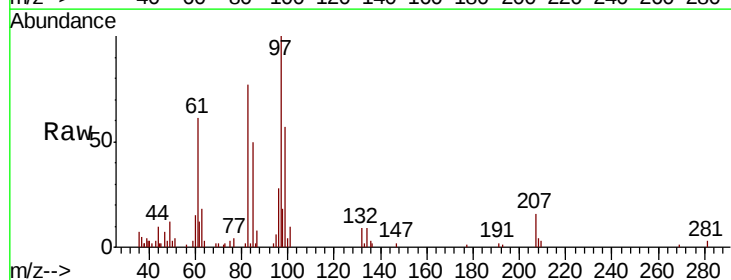
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.0	37.6
39	52.0	43.2	64.8

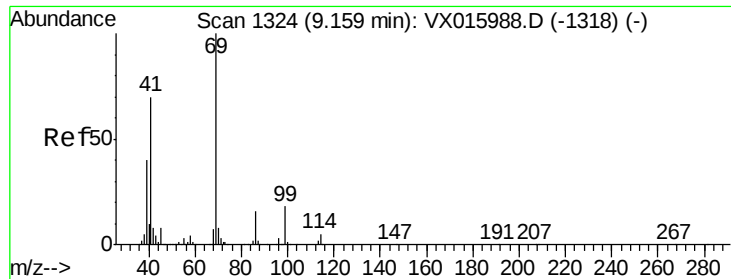


#50

1,1,2-Trichloroethane
Concen: 2.395 ug/l
RT: 9.20 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.5	67.7	101.5
85	50.4	43.7	65.5
99	57.1	47.5	71.3





#51

Ethyl methacrylate

Concen: 2.160 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

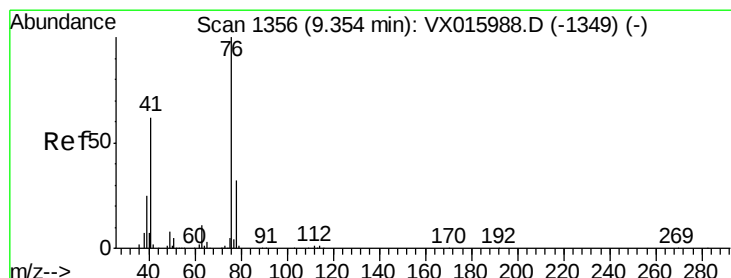
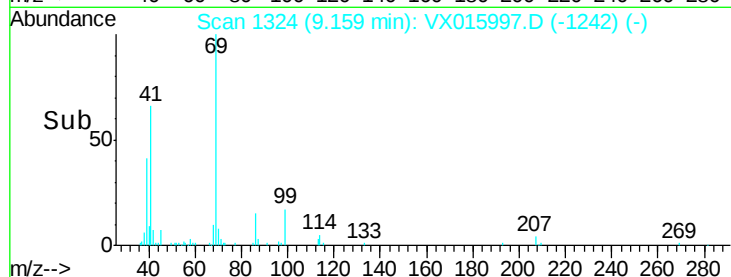
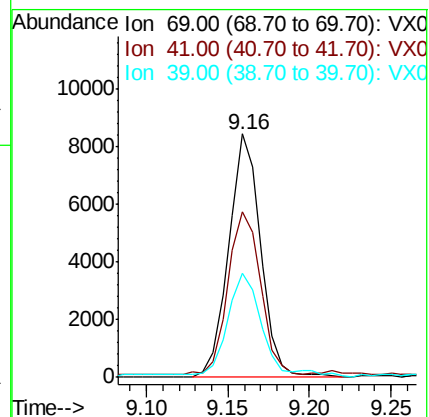
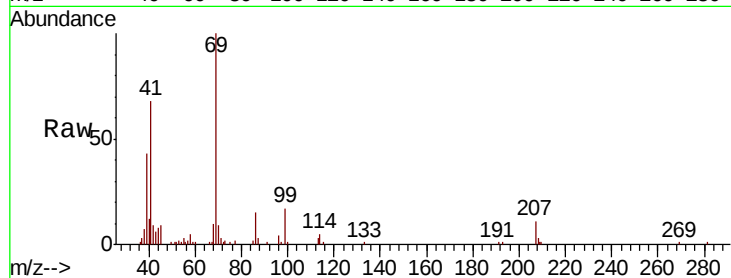
Tot Ion: 69 Resp: 11490

Ion Ratio Lower Upper

69 100

41 66.6 34.8 104.4

39 41.8 19.8 59.4



#52

1,3-Dichloropropane

Concen: 2.411 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015997.D

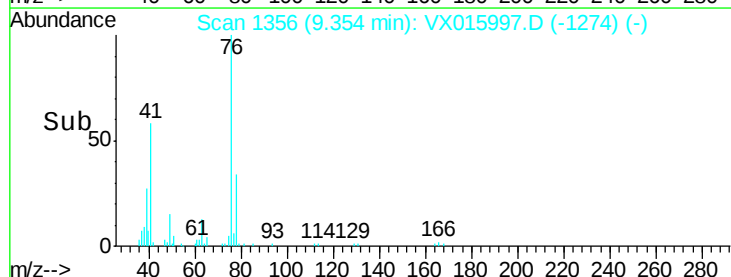
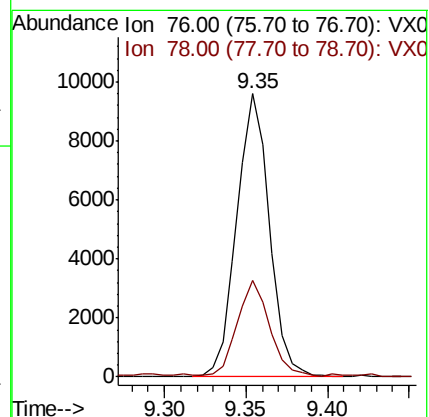
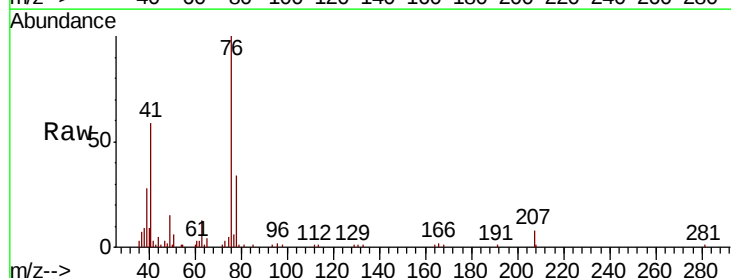
Acq: 30 Apr 2020 16:00

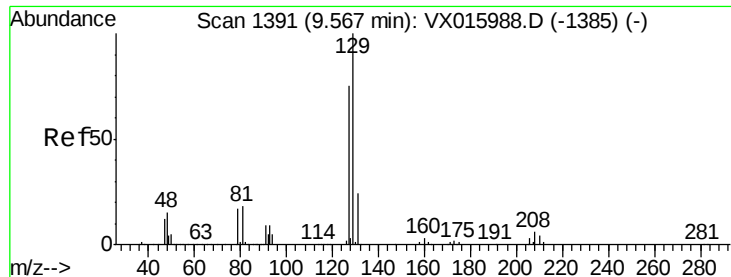
Tgt Ion: 76 Resp: 13429

Ion Ratio Lower Upper

76 100

78 33.7 0.0 64.2





#53

Dibromochloromethane

Concen: 2.124 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

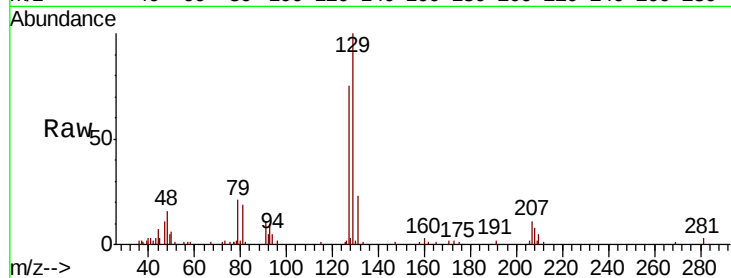
ClientSampleId :

Tot Ion:129 Resp: 7784

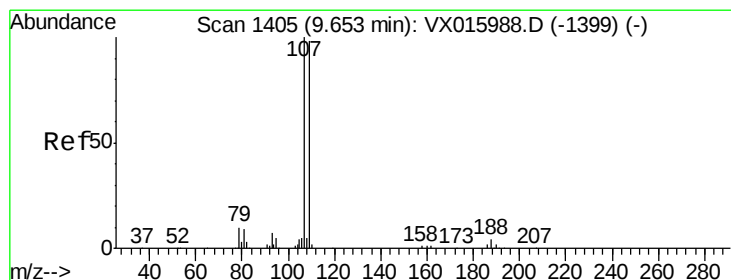
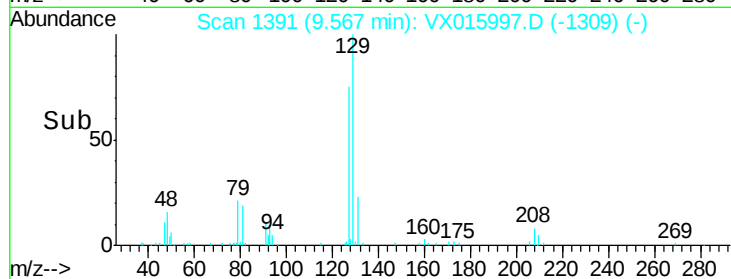
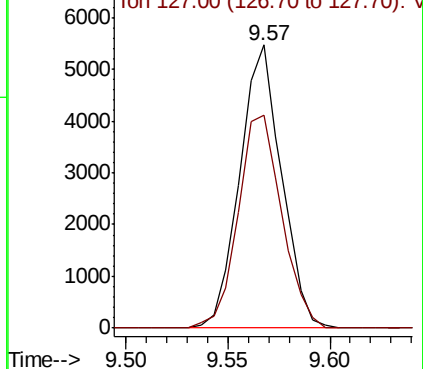
Ion Ratio Lower Upper

129 100

127 78.5 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V



#54

1,2-Dibromoethane

Concen: 2.347 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015997.D

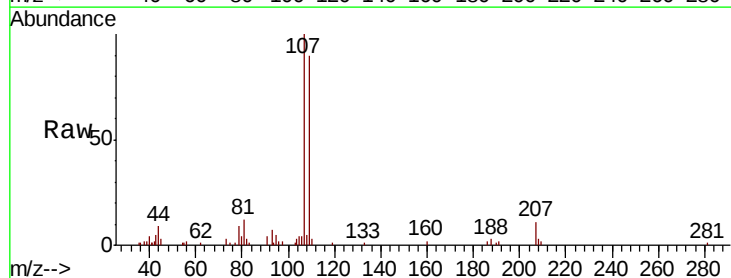
Acq: 30 Apr 2020 16:00

Tgt Ion:107 Resp: 8310

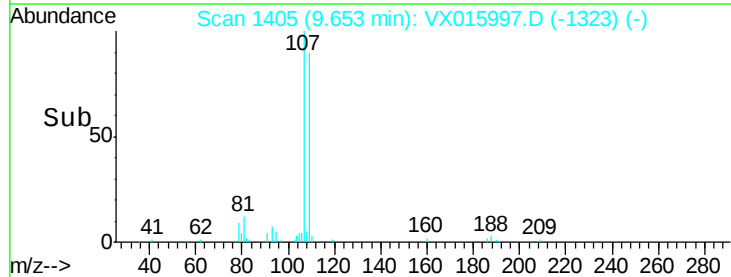
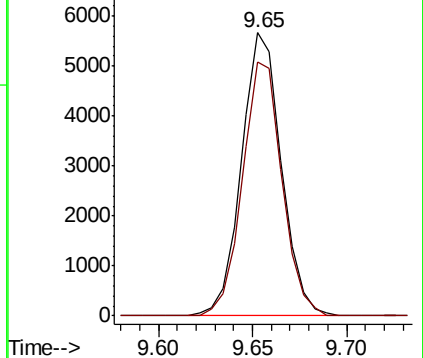
Ion Ratio Lower Upper

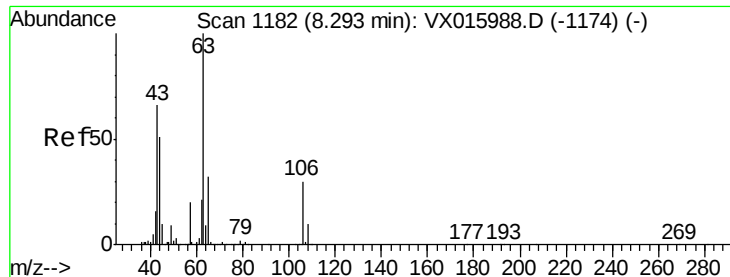
107 100

109 88.9 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V





#55

2-Chloroethyl vinyl ether

Concen: 11.376 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

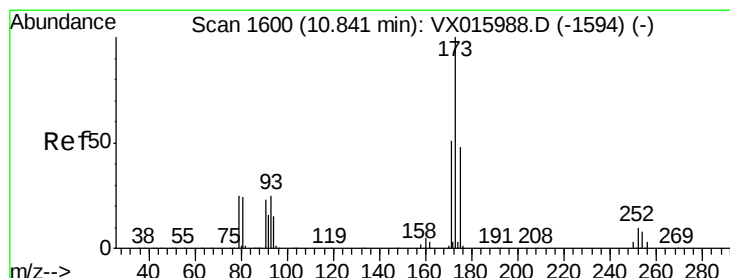
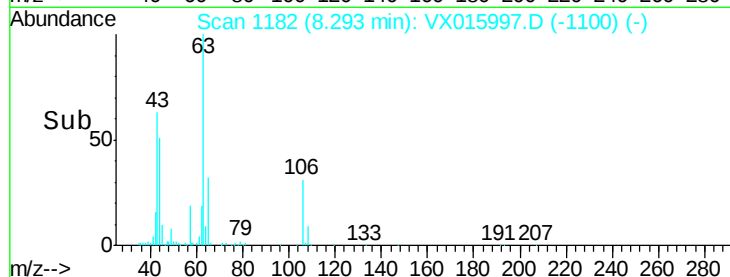
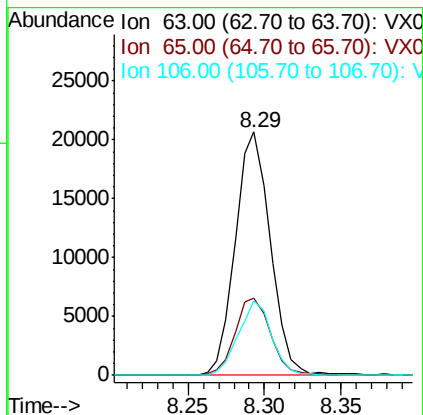
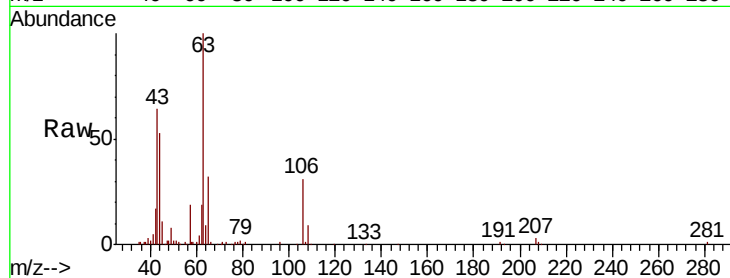
Tot Ion: 63 Resp: 32925

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4

106 29.0 23.4 35.0



#56

Bromoform

Concen: 1.952 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

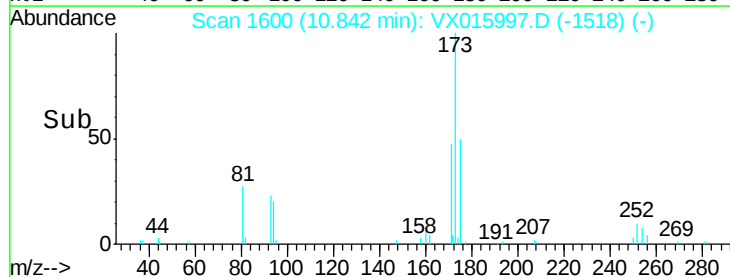
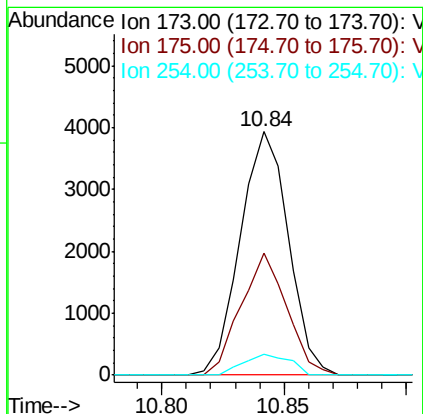
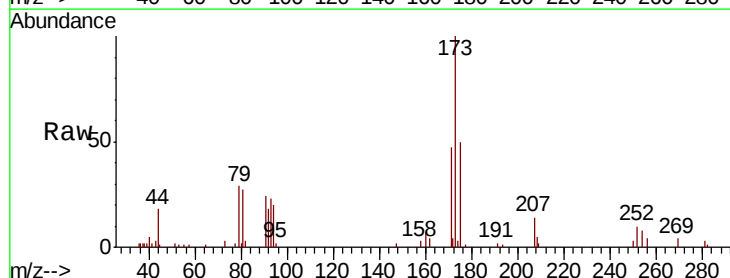
Tgt Ion:173 Resp: 5392

Ion Ratio Lower Upper

173 100

175 47.8 38.0 57.0

254 8.0 6.8 10.2

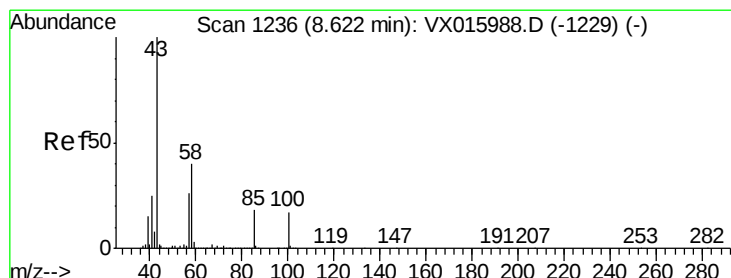
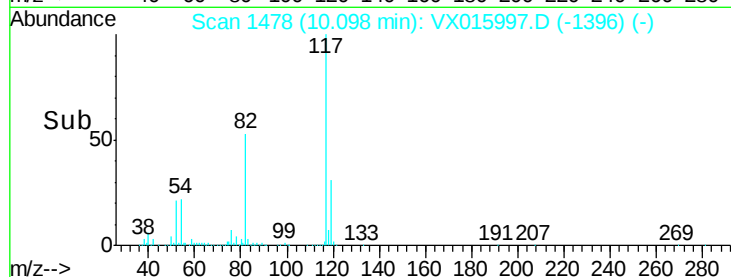
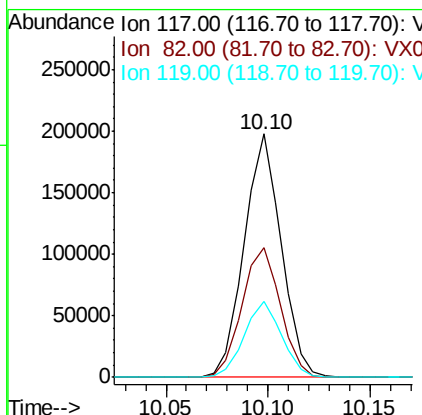
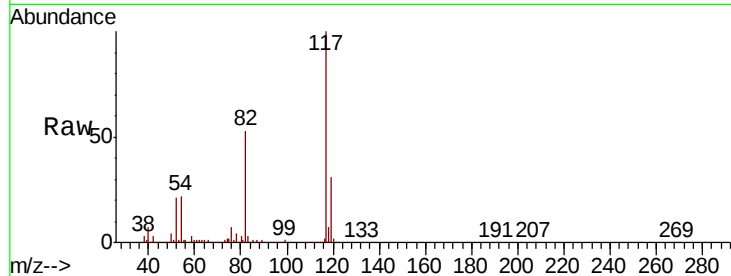




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

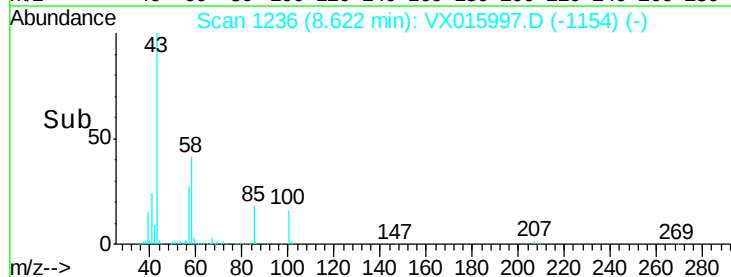
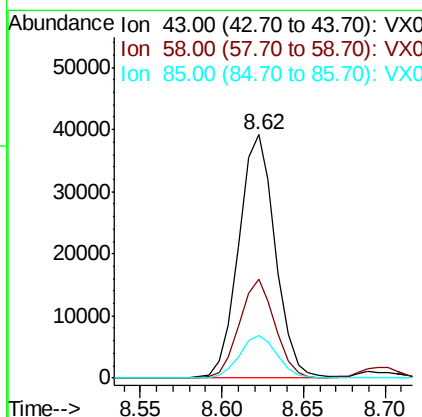
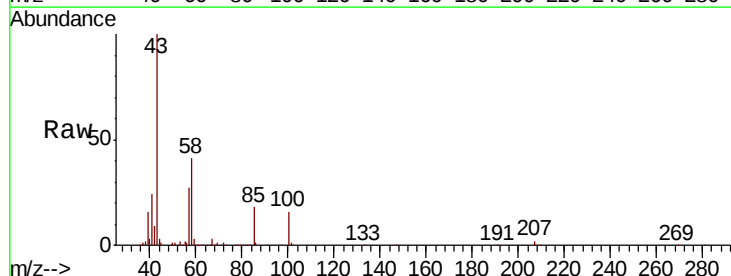
Instrument :
MSVOA_X
ClientSampled :

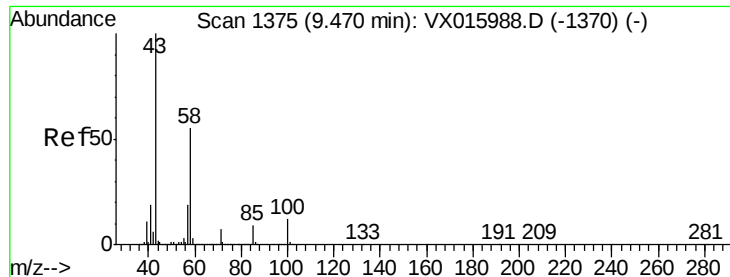
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.1	67.7
119	31.7	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 12.257 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.8	47.6
85	18.2	14.5	21.7

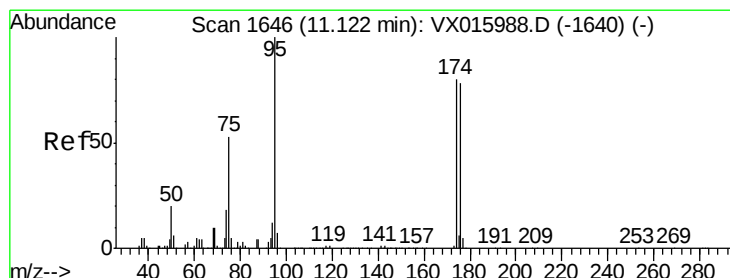
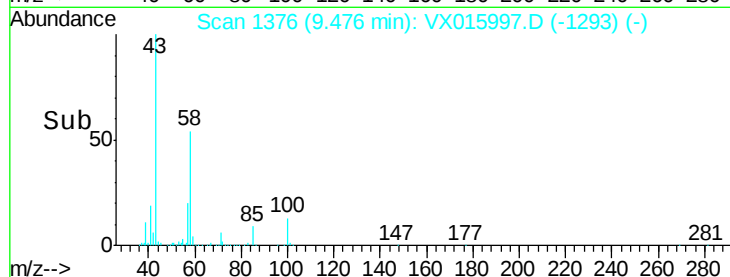
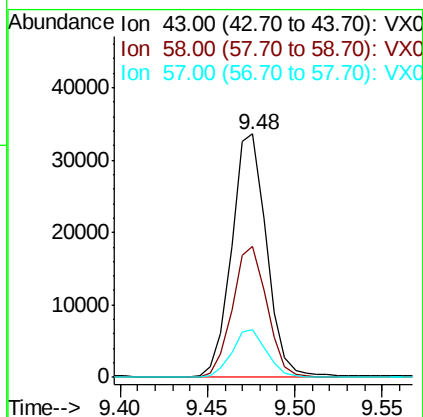
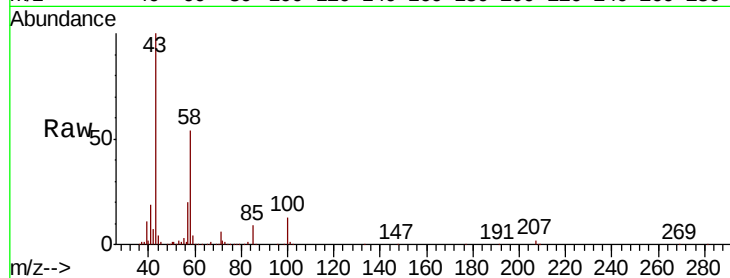




#59
2-Hexanone
Concen: 12.118 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

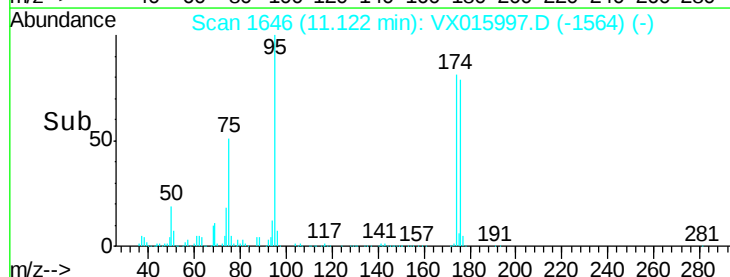
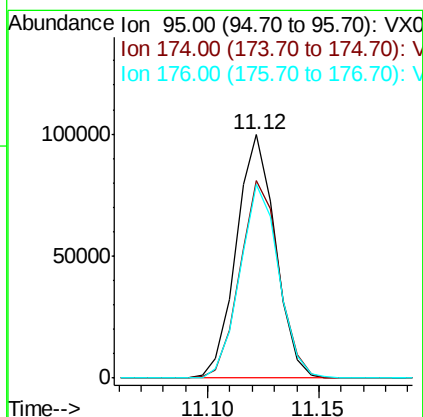
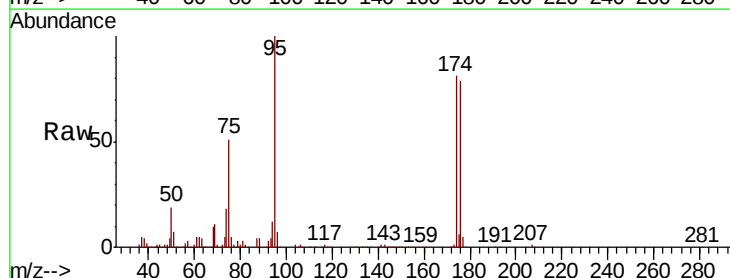
Instrument :
MSVOA_X
ClientSampleId :

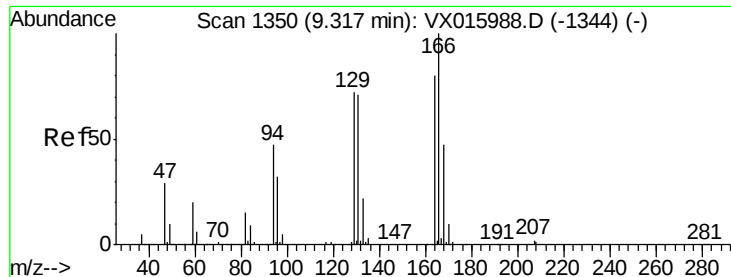
Tot Ion: 43 Resp: 46205
Ion Ratio Lower Upper
43 100
58 53.7 44.0 66.0
57 19.7 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.012 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion: 95 Resp: 121784
Ion Ratio Lower Upper
95 100
174 81.3 64.8 97.2
176 79.4 62.4 93.6





#61

Tetrachloroethene

Concen: 2.508 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 12420

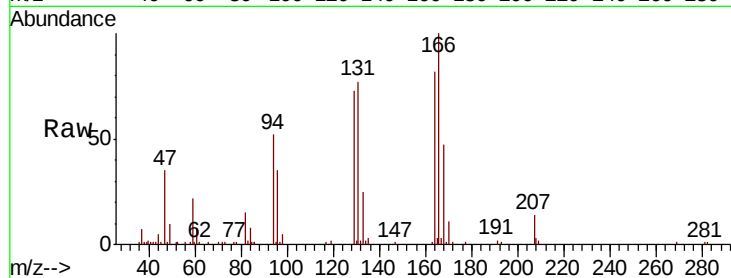
Ion Ratio Lower Upper

164 100

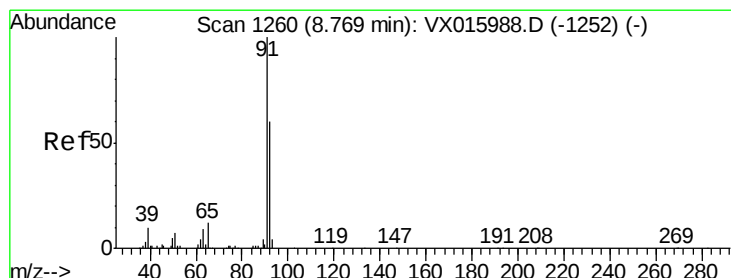
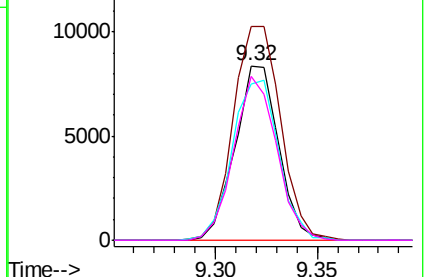
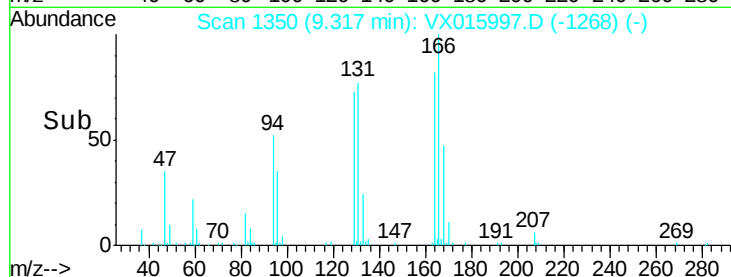
166 121.8 100.1 150.1

129 89.8 72.2 108.4

131 93.8 71.3 106.9



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 2.438 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015997.D

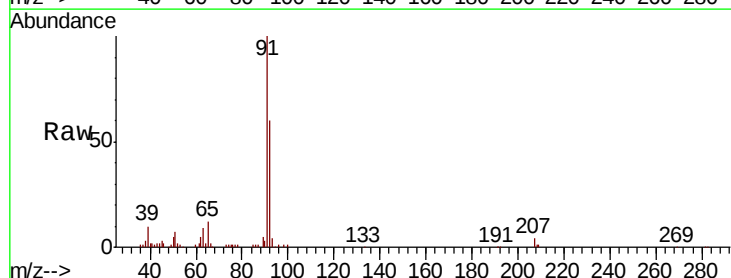
Acq: 30 Apr 2020 16:00

Tgt Ion: 91 Resp: 32603

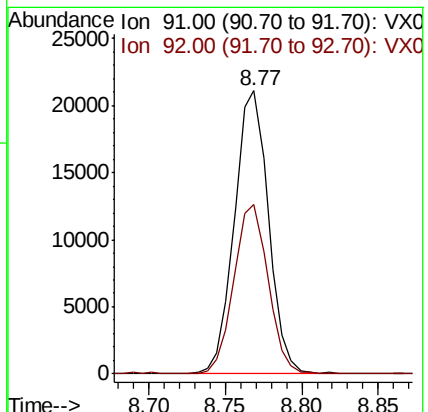
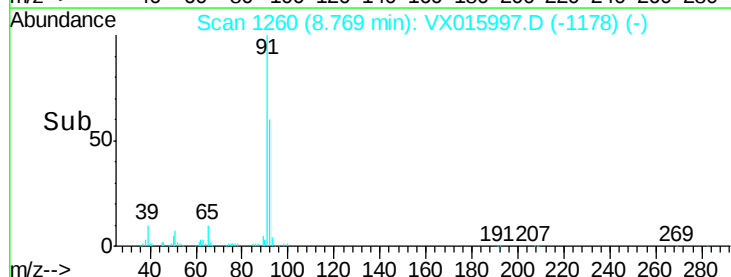
Ion Ratio Lower Upper

91 100

92 60.2 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.584 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

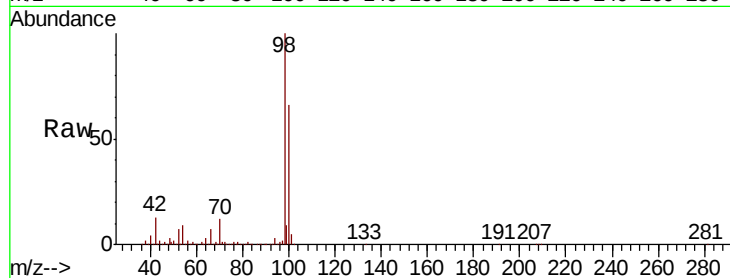
ClientSampleId :

Tot Ion: 98 Resp: 328418

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX015988.D (-1241) (-)

Ion 100.00 (99.70 to 100.70): VX015997.D (-1166) (-)

8.70

250000

200000

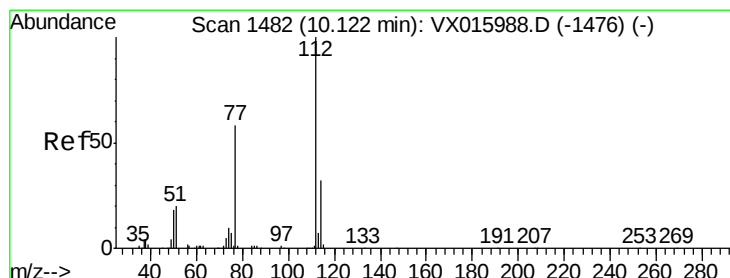
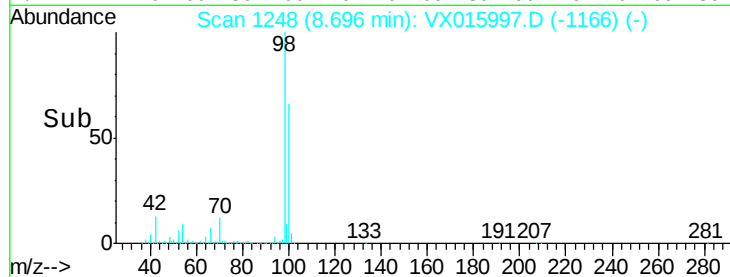
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#64

Chlorobenzene

Concen: 2.465 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015997.D

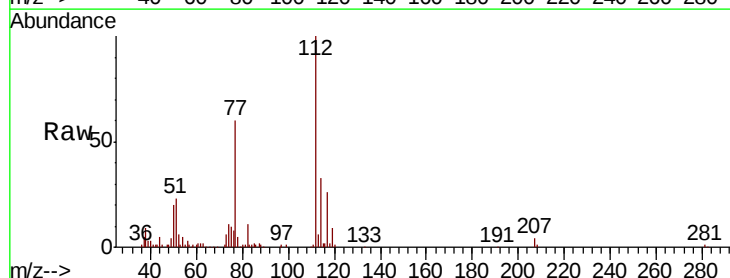
Acq: 30 Apr 2020 16:00

Tgt Ion: 112 Resp: 20986

Ion Ratio Lower Upper

112 100

114 32.7 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): VX015988.D (-1476) (-)

Ion 114.00 (113.70 to 114.70): VX015997.D (-1400) (-)

10.12

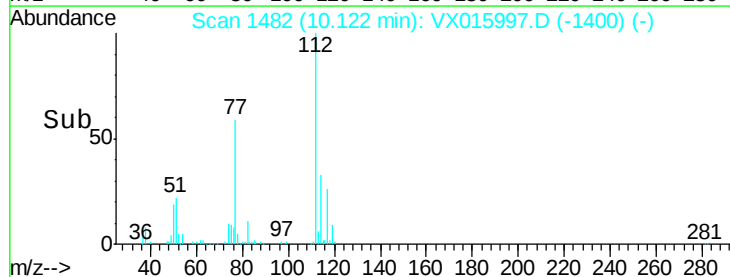
15000

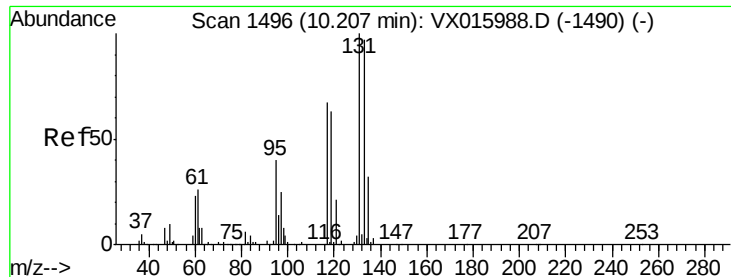
10000

5000

0

Time--> 10.05 10.10 10.15

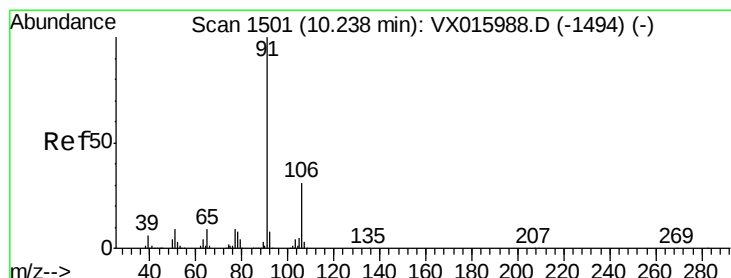
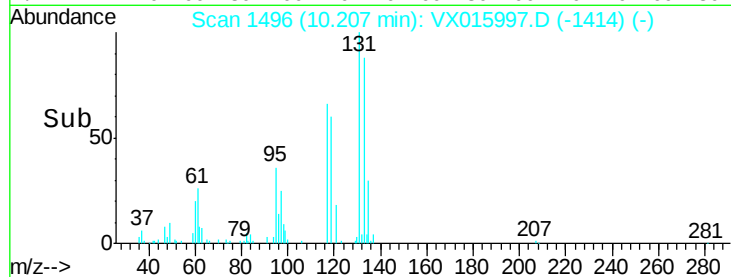
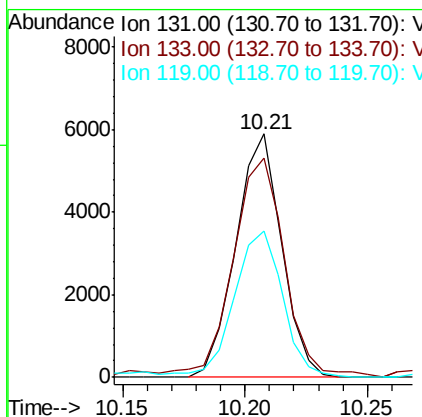
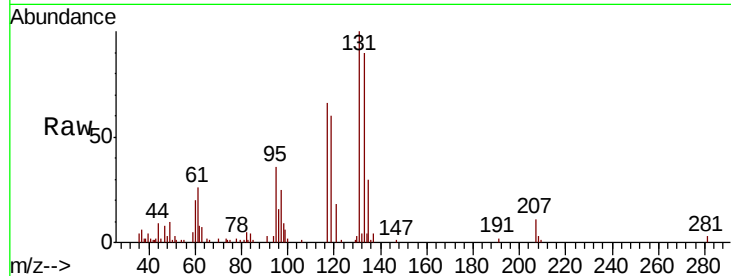




#65
 1,1,1,2-Tetrachloroethane
 Concen: 2.381 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

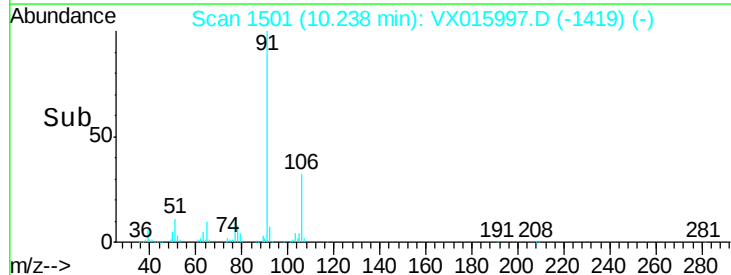
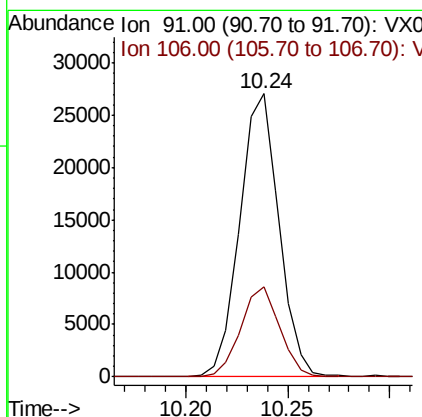
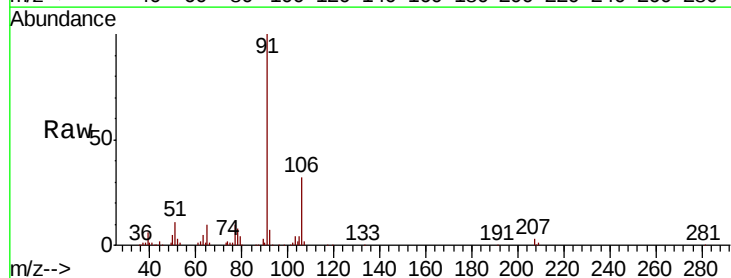
Instrument :
 MSVOA_X
 ClientSampleId :

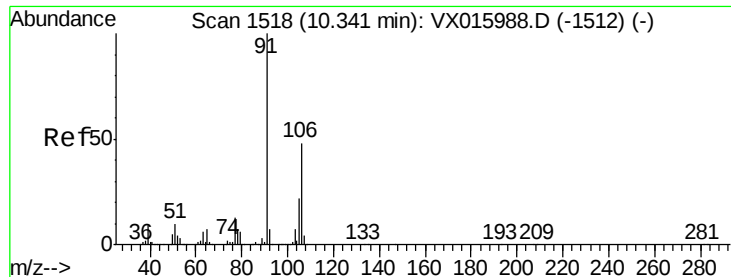
Tot Ion	Ratio	Lower	Upper
131	100		
133	93.3	0.0	187.0
119	63.3	0.0	129.0



#66
 Ethyl Benzene
 Concen: 2.370 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.8	37.2

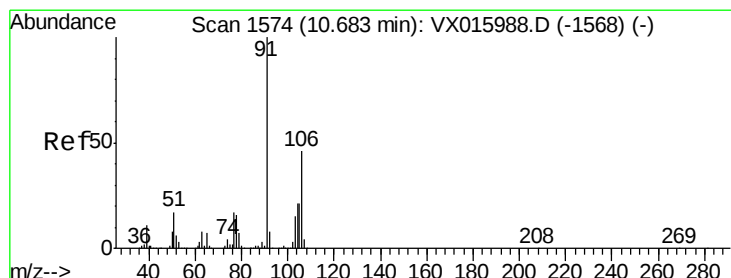
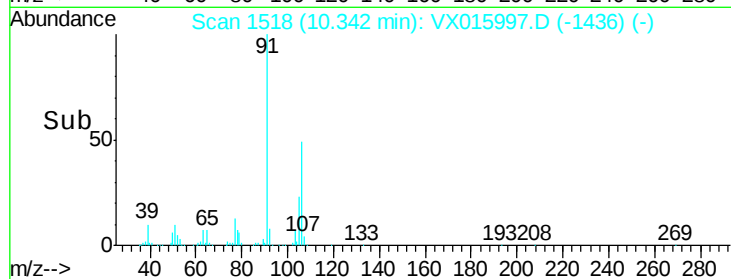
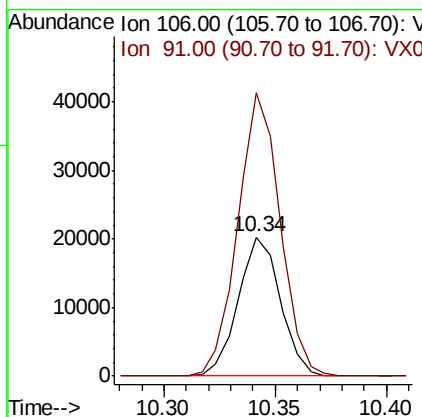
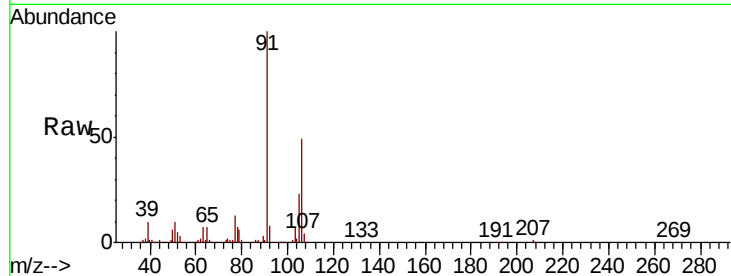




#67
m/p-Xylenes
Concen: 4.657 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

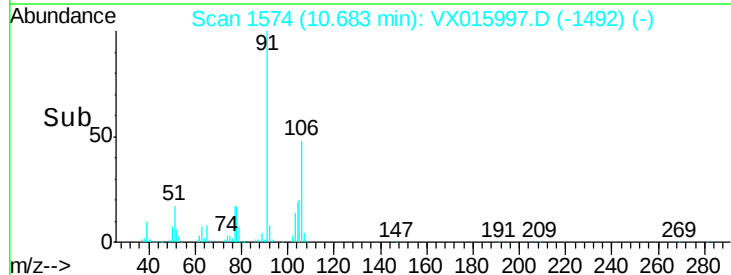
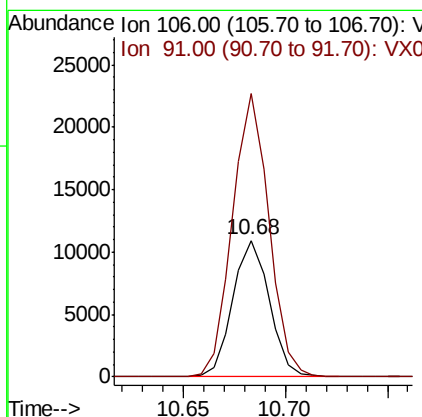
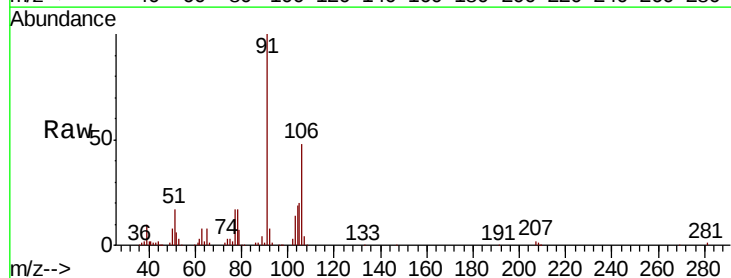
Instrument :
MSVOA_X
ClientSampleId :

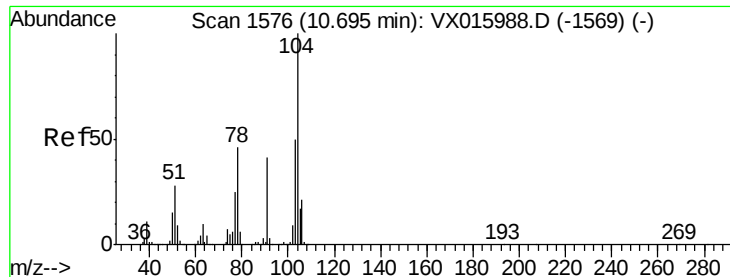
Tot Ion:106 Resp: 27016
Ion Ratio Lower Upper
106 100
91 203.0 164.2 246.4



#68
o-Xylene
Concen: 2.437 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion:106 Resp: 13634
Ion Ratio Lower Upper
106 100
91 206.7 108.3 325.0

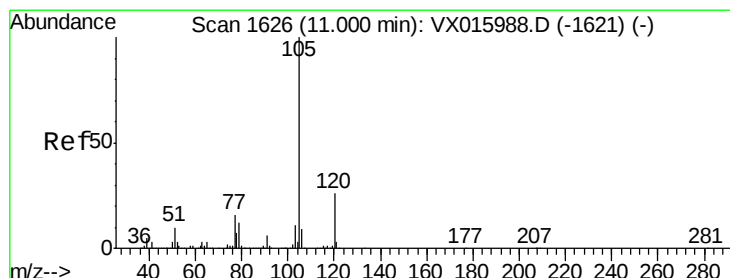
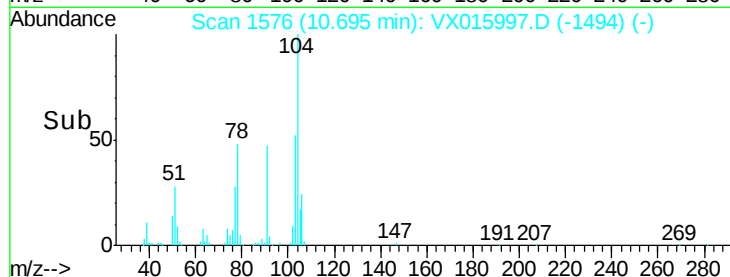
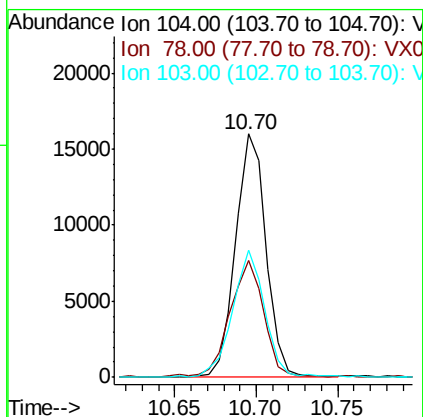
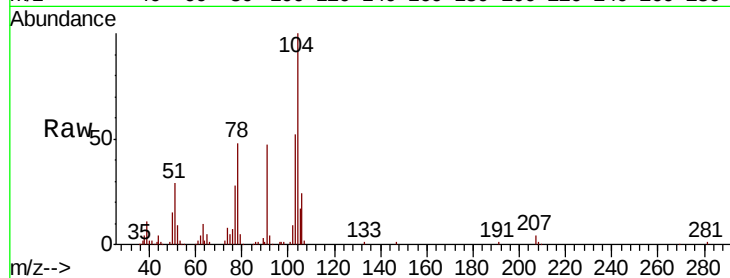




#69
Stvrene
Concen: 2.186 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

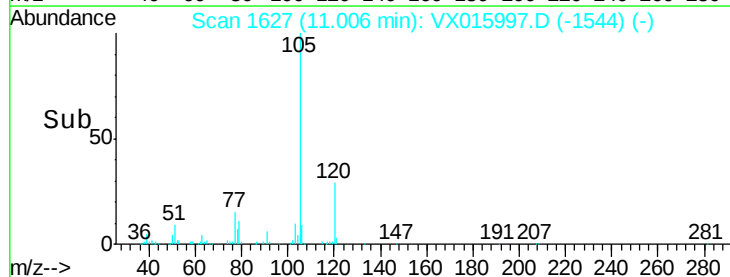
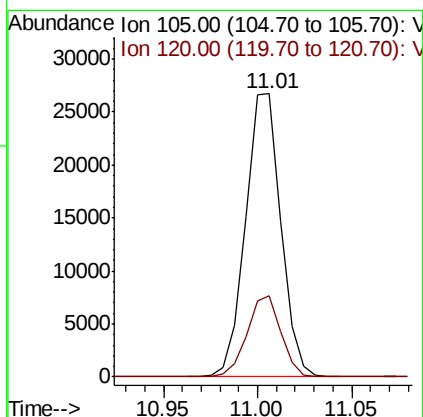
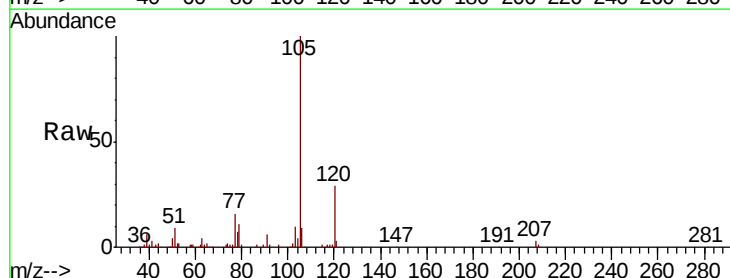
Instrument :
MSVOA_X
ClientSampleId :

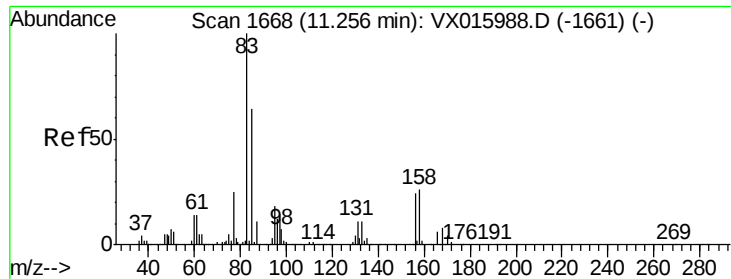
Tot Ion:104 Resp: 20933
Ion Ratio Lower Upper
104 100
78 53.6 40.7 61.1
103 53.9 43.0 64.4



#70
Isopropylbenzene
Concen: 2.304 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion:105 Resp: 34800
Ion Ratio Lower Upper
105 100
120 27.5 18.6 34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 1.988 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampled :

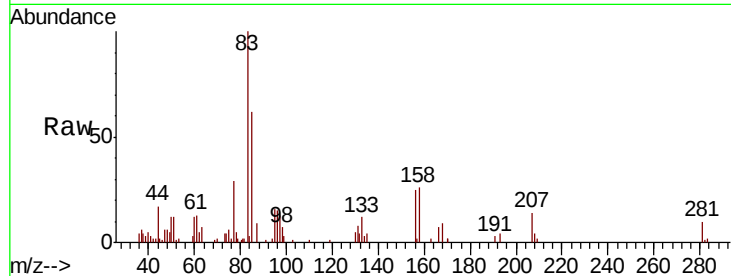
Tot Ion: 83 Resp: 5583

Ion Ratio Lower Upper

83 100

131 11.9 5.2 15.6

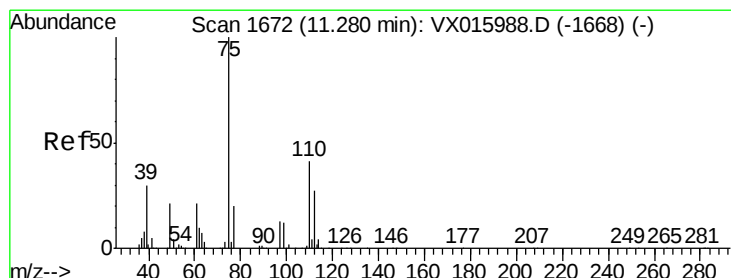
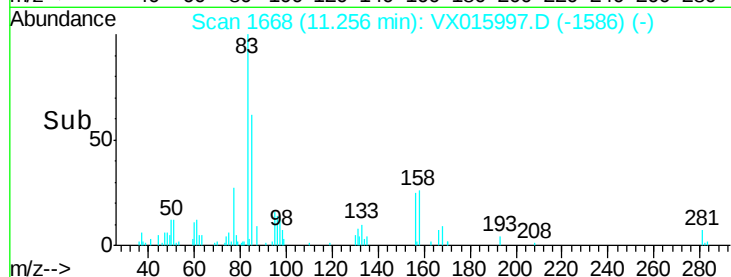
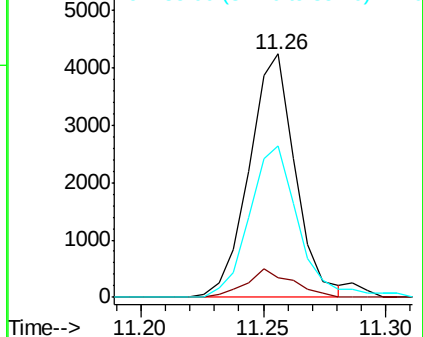
85 66.1 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 3.250 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015997.D

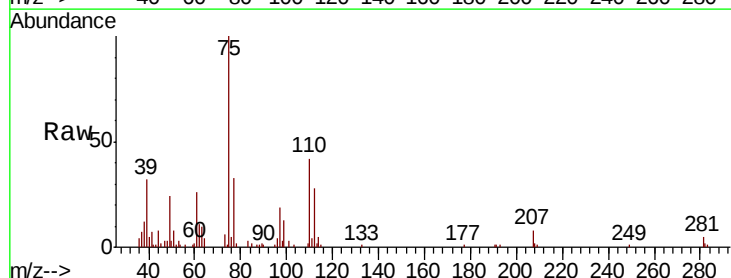
Acq: 30 Apr 2020 16:00

Tgt Ion: 75 Resp: 14778

Ion Ratio Lower Upper

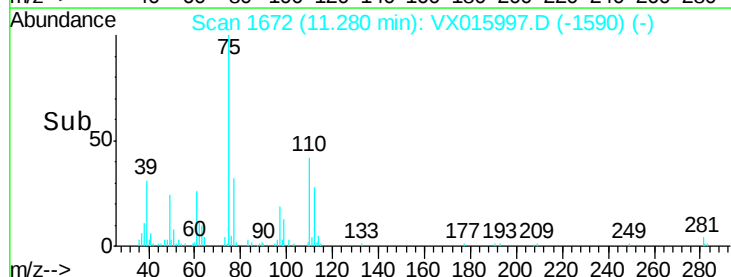
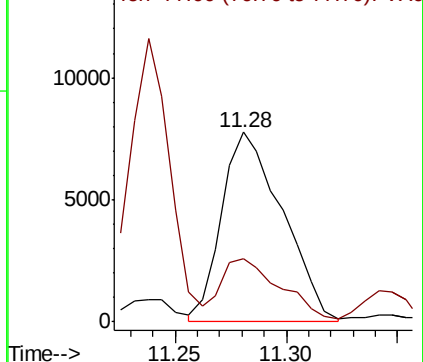
75 100

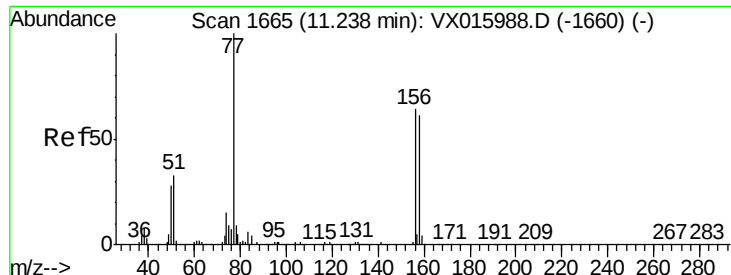
77 32.1 0.0 86.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 2.304 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

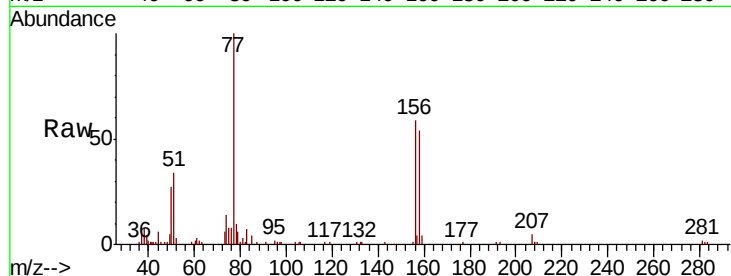
Tot Ion:156 Resp: 8769

Ion Ratio Lower Upper

156 100

77 167.0 0.0 318.0

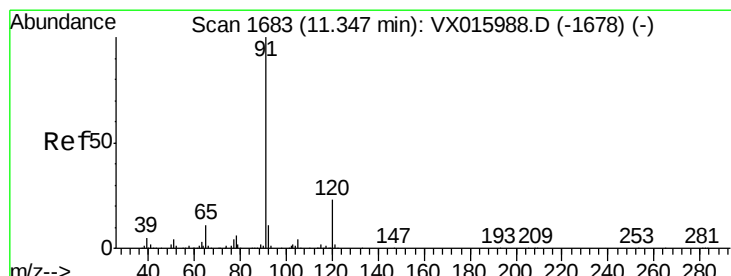
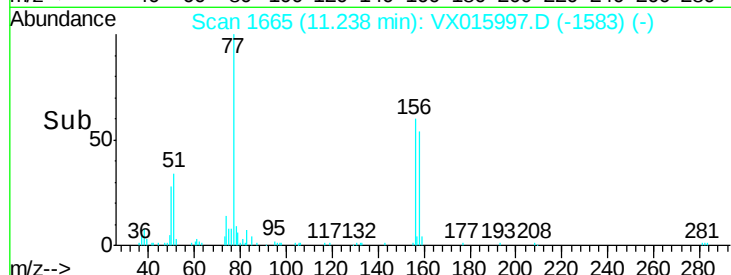
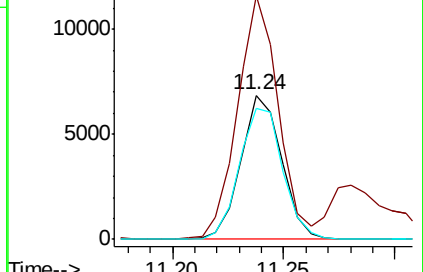
158 97.1 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 2.340 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015997.D

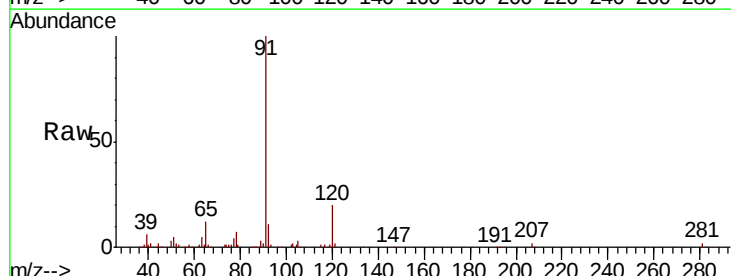
Acq: 30 Apr 2020 16:00

Tgt Ion: 91 Resp: 41054

Ion Ratio Lower Upper

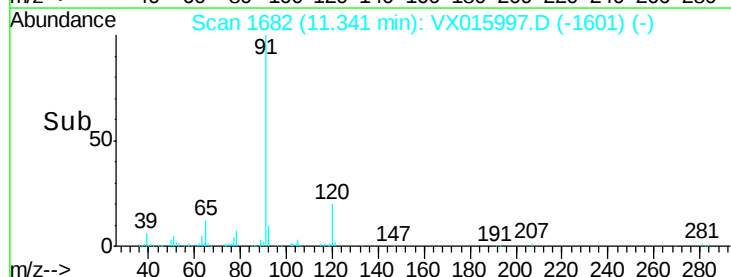
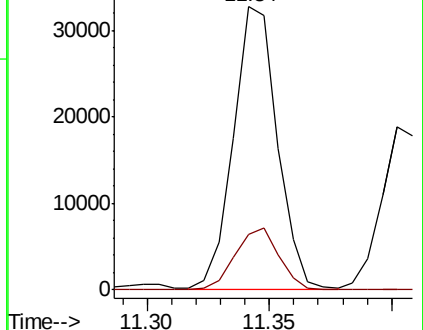
91 100

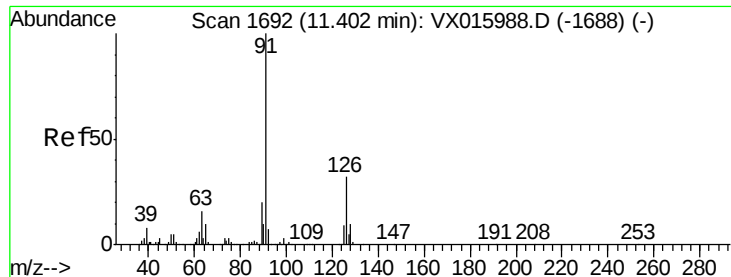
120 21.7 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 2.389 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

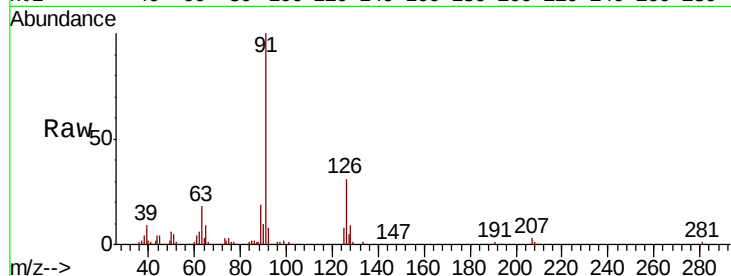
ClientSampleId :

Tot Ion: 91 Resp: 24628

Ion Ratio Lower Upper

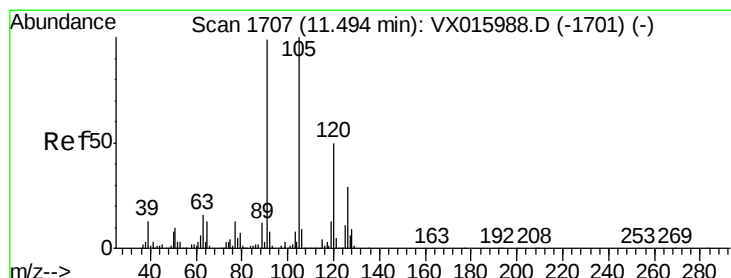
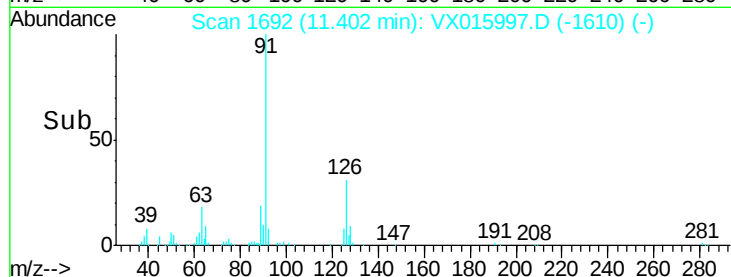
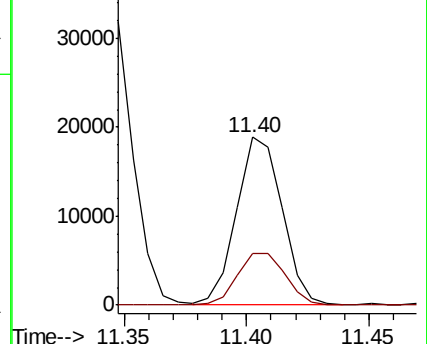
91 100

126 33.0 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX015997.D (-1610) (-)

Ion 126.00 (125.70 to 126.70): VX015997.D (-1610) (-)



#76

1,3,5-Trimethylbenzene

Concen: 2.215 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015997.D

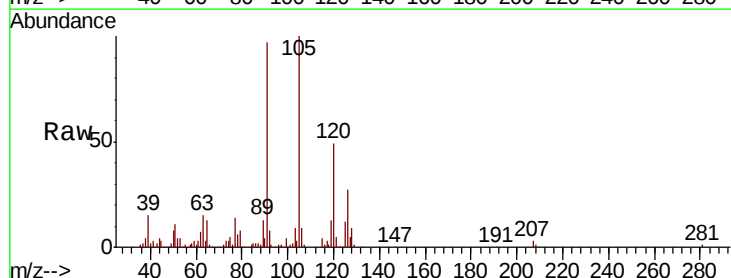
Acq: 30 Apr 2020 16:00

Tgt Ion: 105 Resp: 28399

Ion Ratio Lower Upper

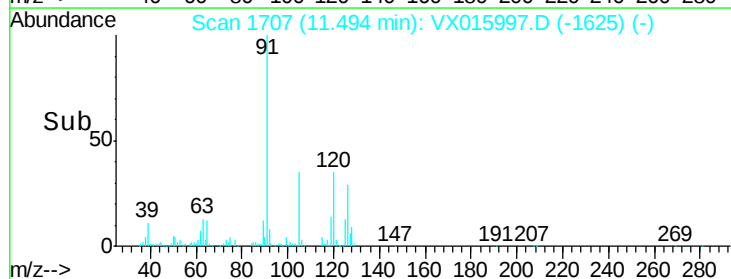
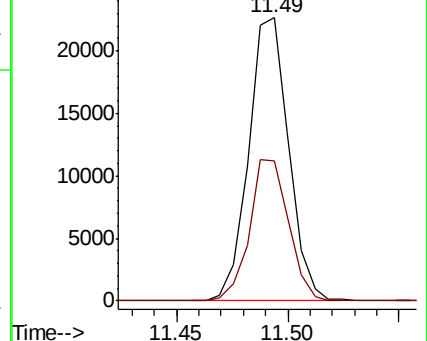
105 100

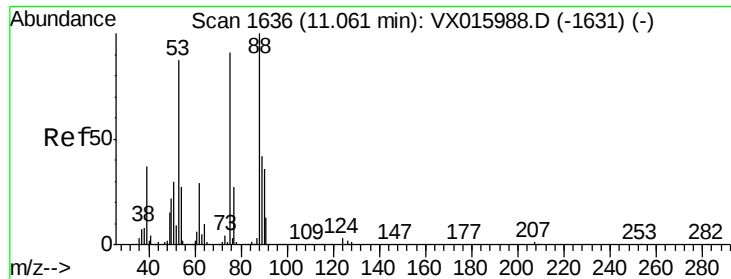
120 48.9 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015997.D (-1625) (-)

Ion 120.00 (119.70 to 120.70): VX015997.D (-1625) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 2.204 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

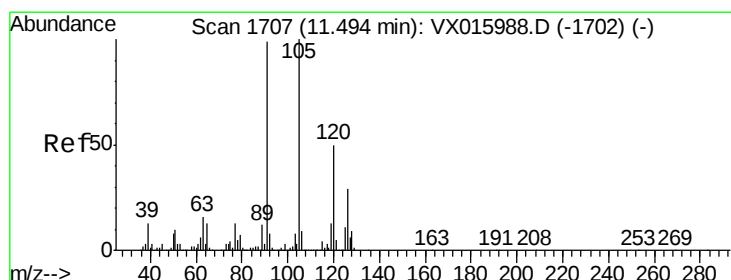
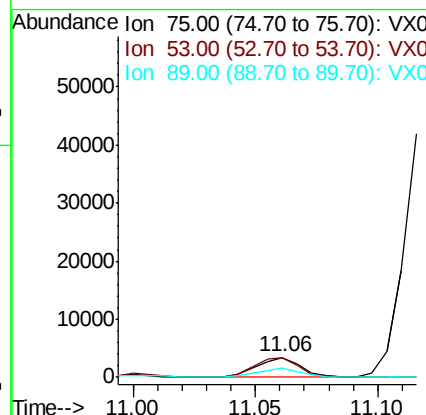
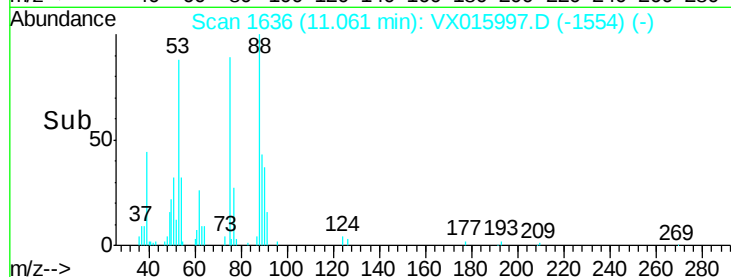
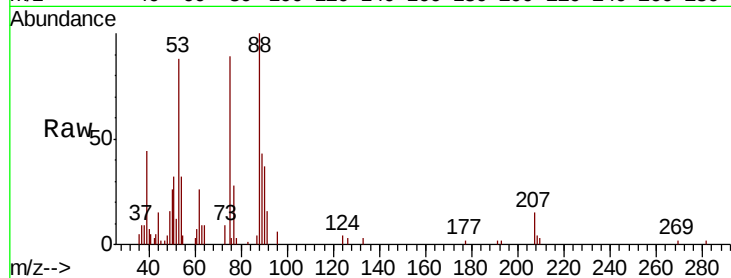
Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 4309

Ion	Ratio	Lower	Upper
75	100		
53	98.6	48.0	144.2
89	48.6	23.4	70.3



#78

4-Chlorotoluene

Concen: 2.285 ug/l

RT: 11.49 min Scan# 1707

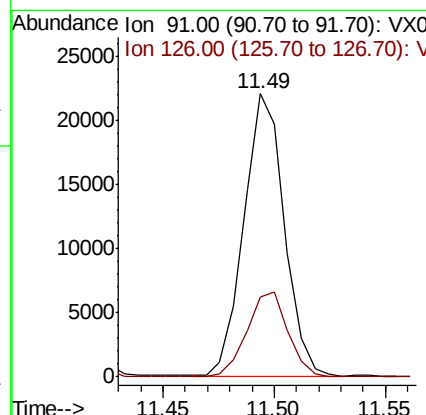
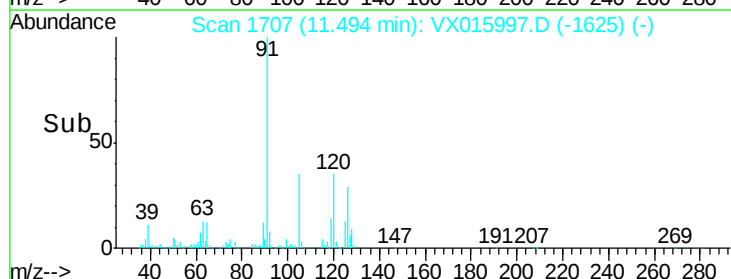
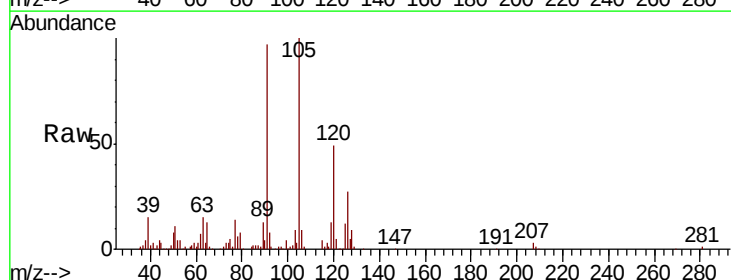
Delta R.T. 0.00 min

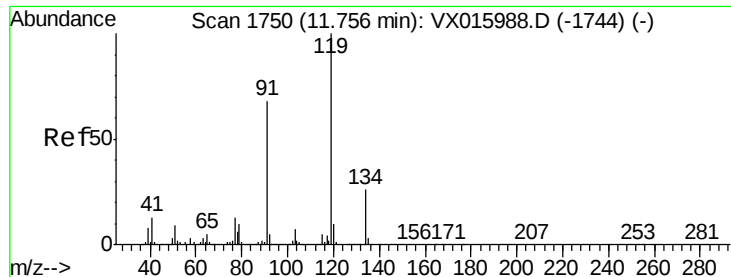
Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Tgt Ion: 91 Resp: 27888

Ion	Ratio	Lower	Upper
91	100		
126	30.4	0.0	58.4





#79

tert-butylbenzene

Concen: 2.255 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

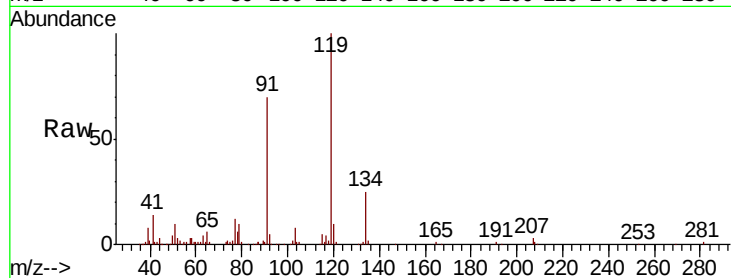
Tot Ion:119 Resp: 24694

Ion Ratio Lower Upper

119 100

91 69.3 0.0 135.6

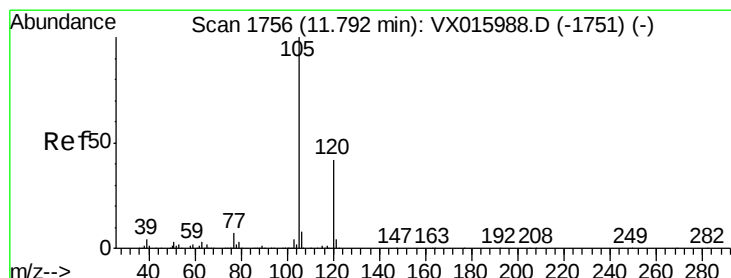
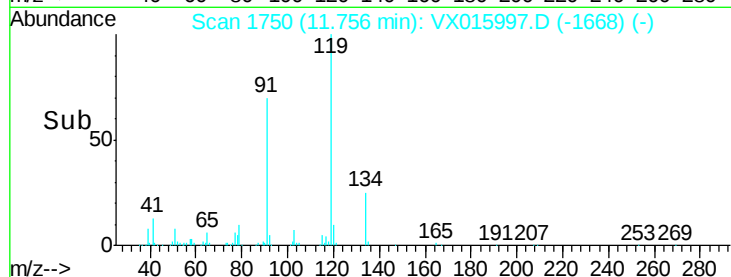
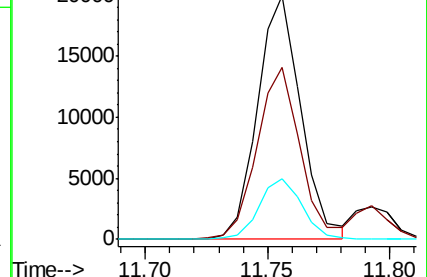
134 24.8 0.0 51.0



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



#80

1,2,4-Trimethylbenzene

Concen: 2.252 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015997.D

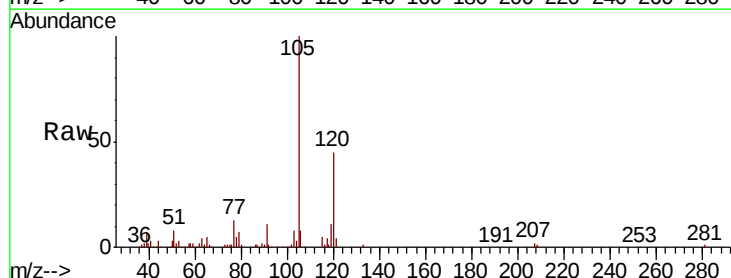
Acq: 30 Apr 2020 16:00

Tgt Ion:105 Resp: 28850

Ion Ratio Lower Upper

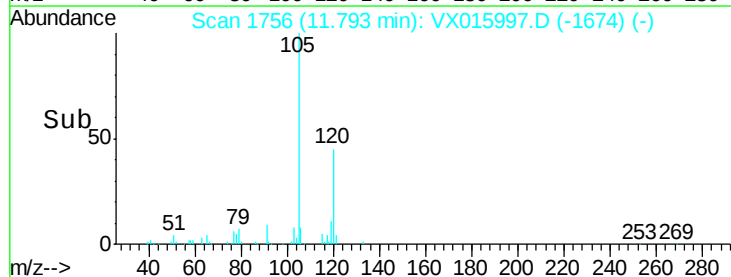
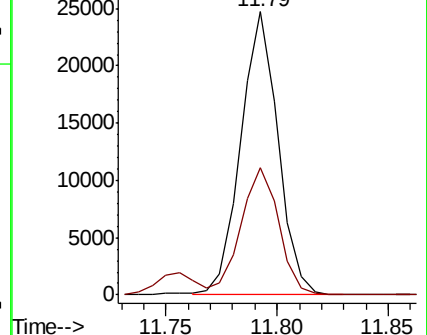
105 100

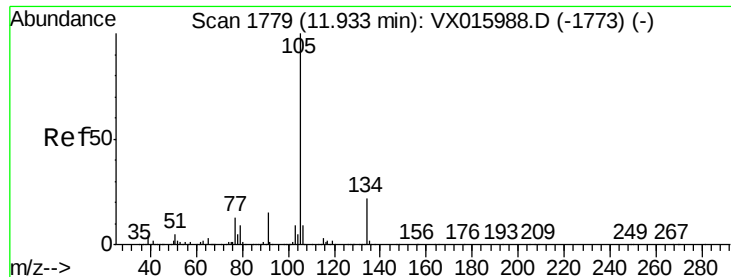
120 45.8 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 2.241 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

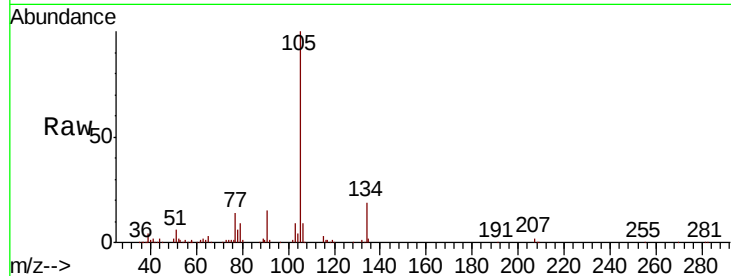
ClientSampleId :

Tot Ion:105 Resp: 33089

Ion Ratio Lower Upper

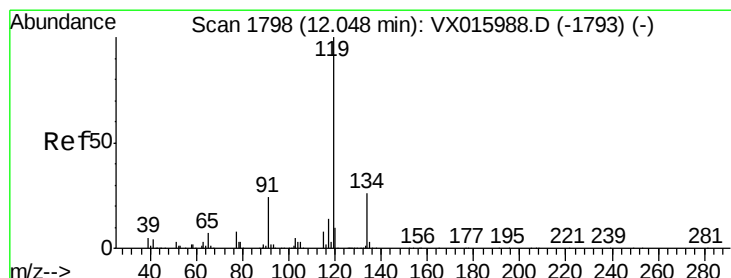
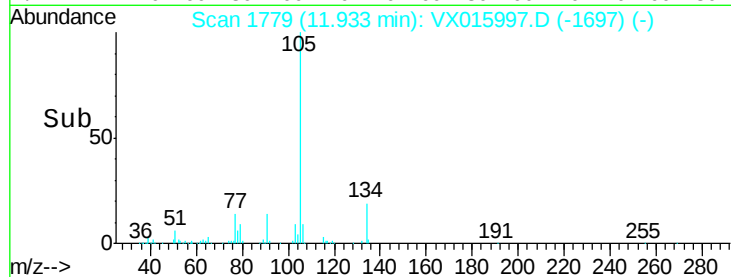
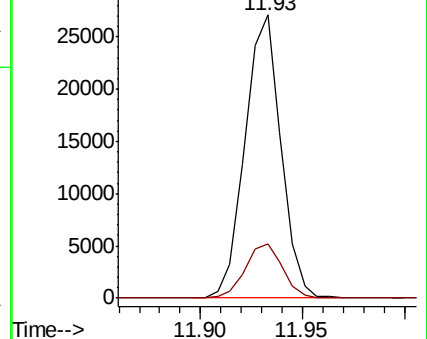
105 100

134 20.0 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 2.240 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

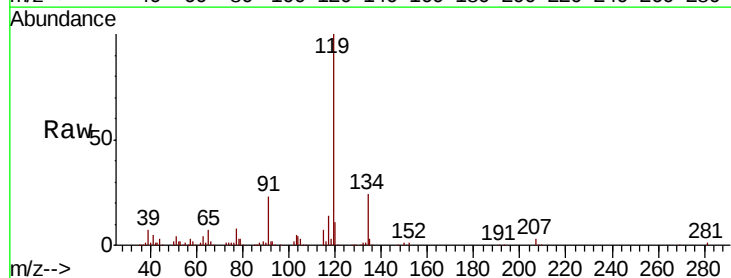
Tgt Ion:119 Resp: 30656

Ion Ratio Lower Upper

119 100

134 25.6 0.0 52.6

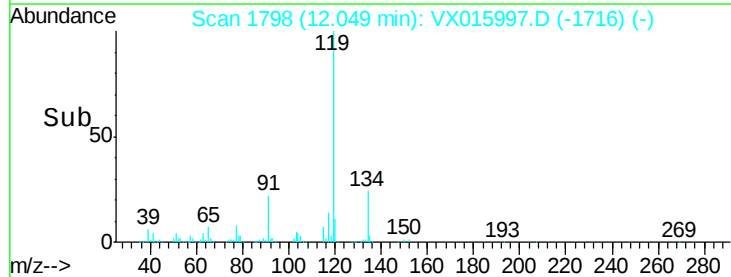
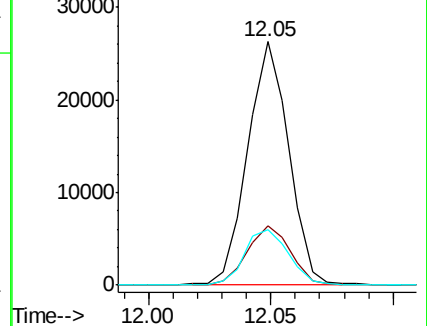
91 24.5 0.0 47.6

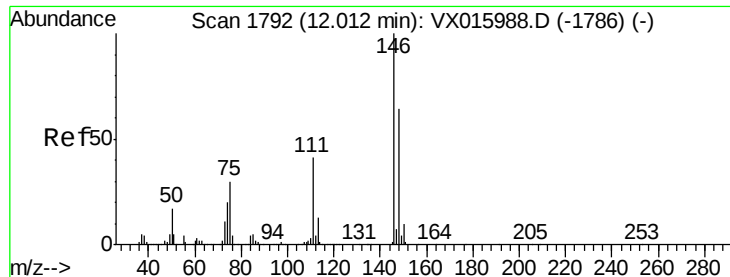


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

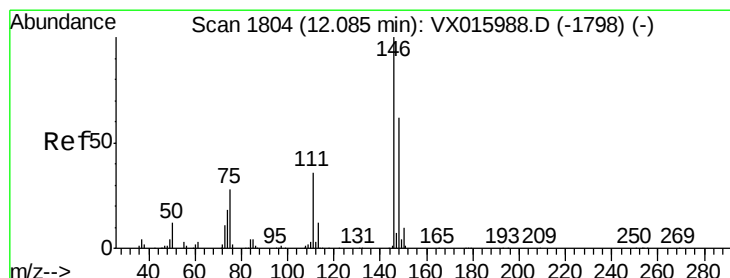
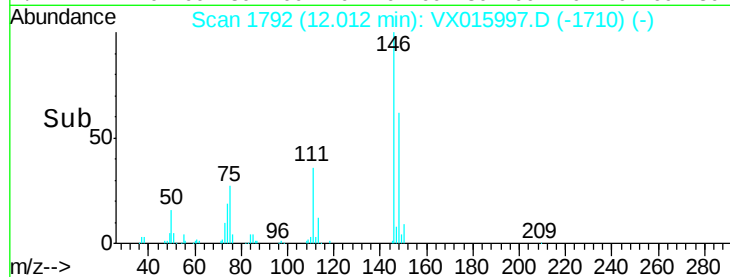
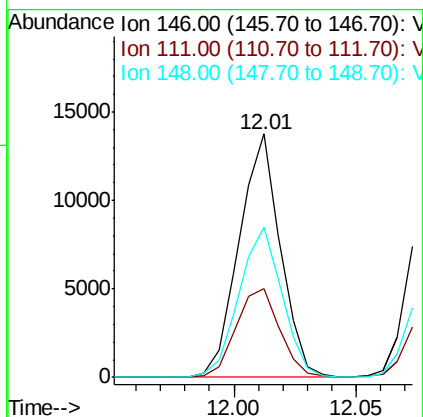
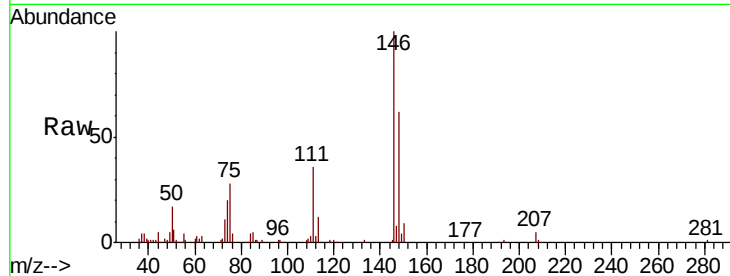




#83
 1,3-Dichlorobenzene
 Concen: 2.355 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

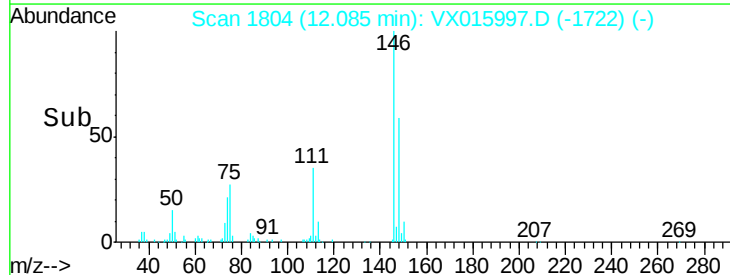
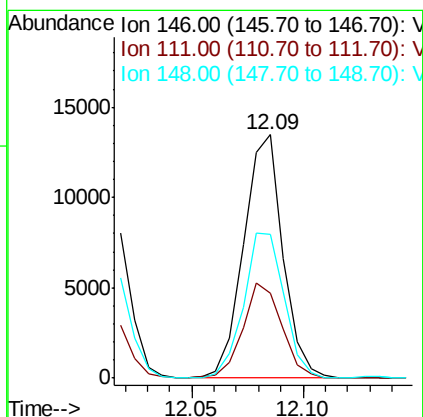
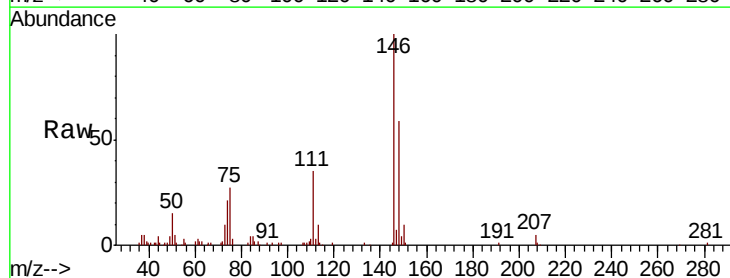
Instrument :
 MSVOA_X
 ClientSampleId :

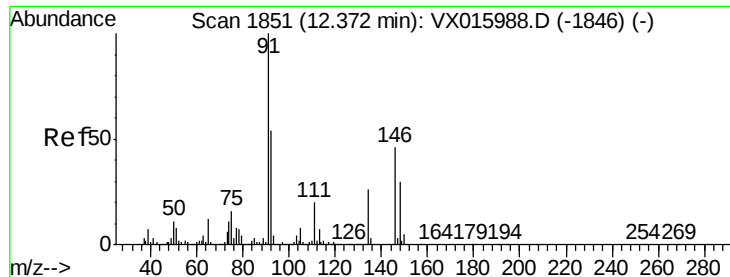
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.4	61.3
148	64.5	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 2.436 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.7	59.0
148	61.6	32.0	96.0

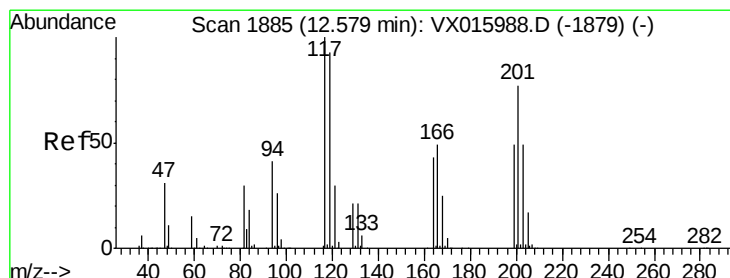
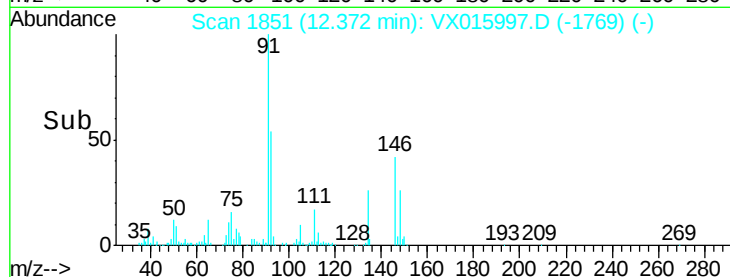
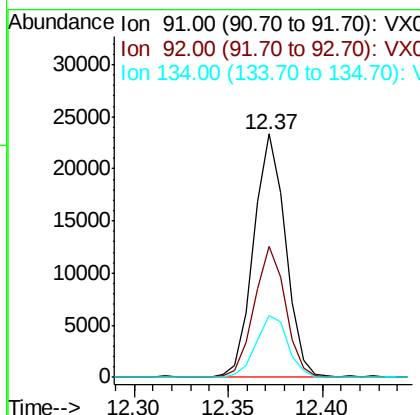
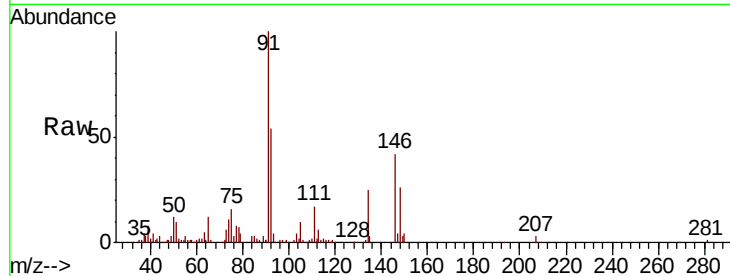




#85
n-Butylbenzene
Concen: 2.194 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

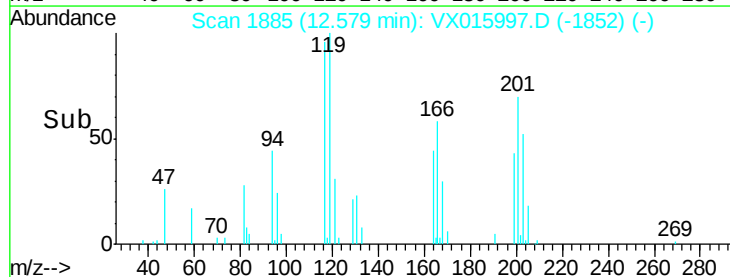
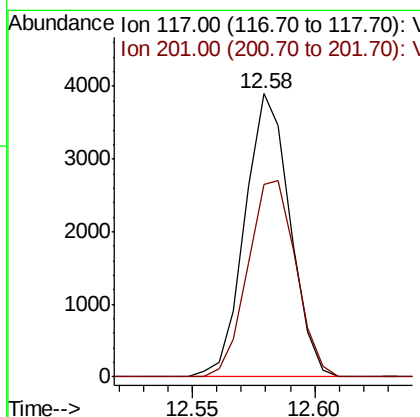
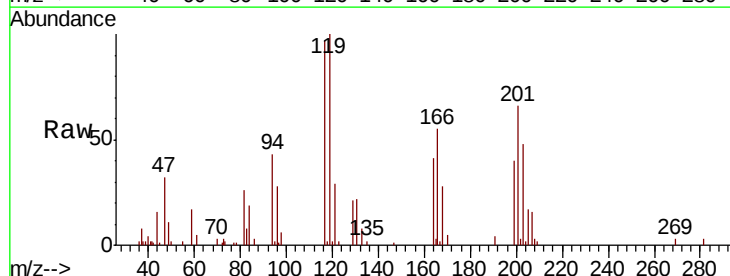
Instrument :
MSVOA_X
ClientSampleId :

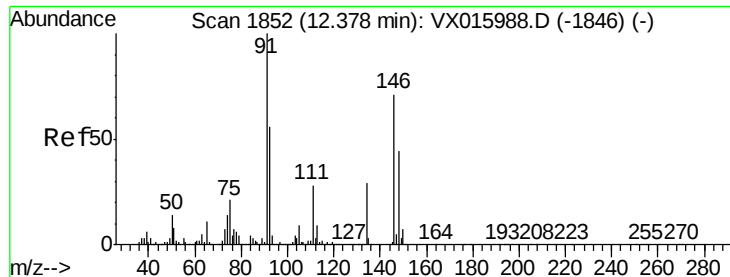
Tot Ion: 91 Resp: 27421
Ion Ratio Lower Upper
91 100
92 52.6 0.0 110.2
134 25.5 0.0 53.4



#86
Hexachloroethane
Concen: 2.077 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015997.D
Acq: 30 Apr 2020 16:00

Tgt Ion: 117 Resp: 5004
Ion Ratio Lower Upper
117 100
201 74.1 40.1 120.2





#87

1,2-Dichlorobenzene

Concen: 2.359 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

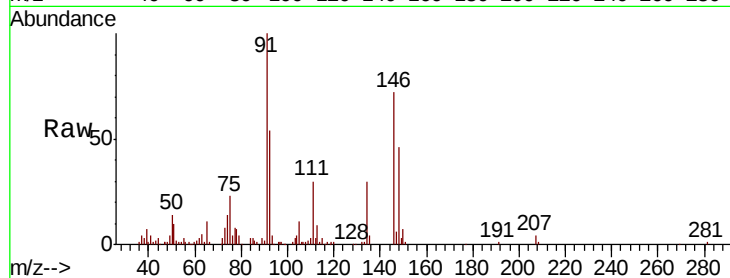
Tot Ion:146 Resp: 15654

Ion Ratio Lower Upper

146 100

111 41.4 20.7 62.1

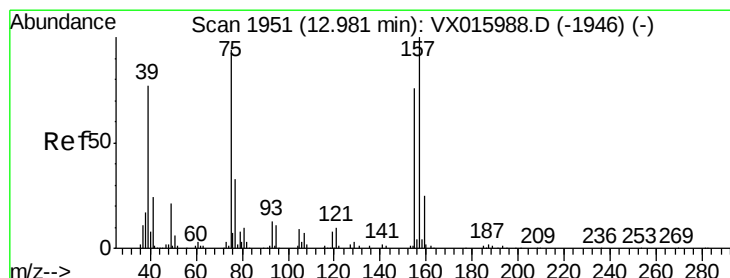
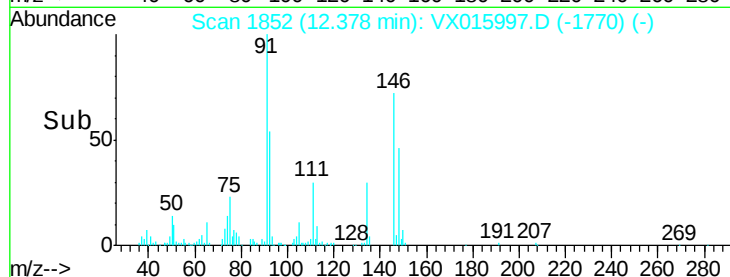
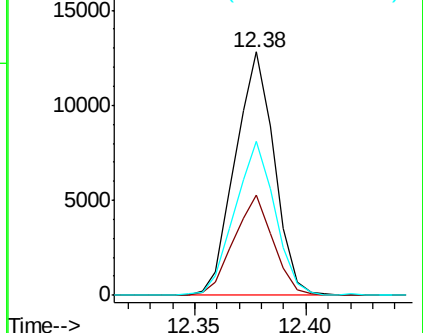
148 65.3 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.490 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

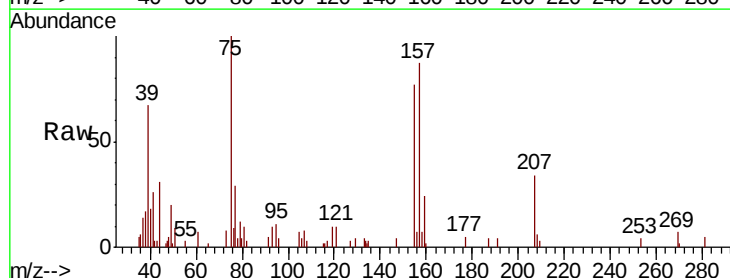
Tgt Ion: 75 Resp: 2925

Ion Ratio Lower Upper

75 100

155 77.7 66.9 100.3

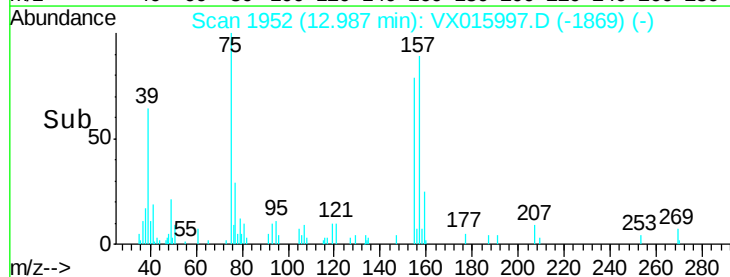
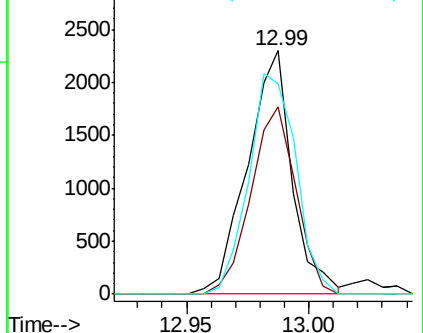
157 96.2 88.2 132.2

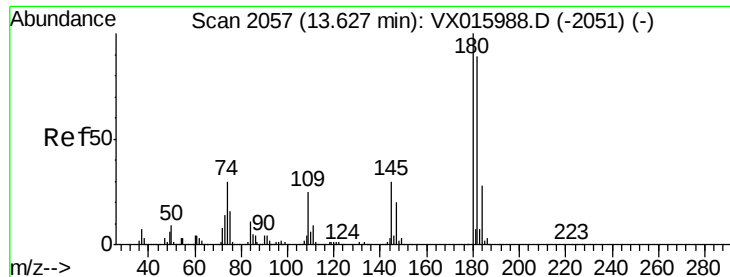


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

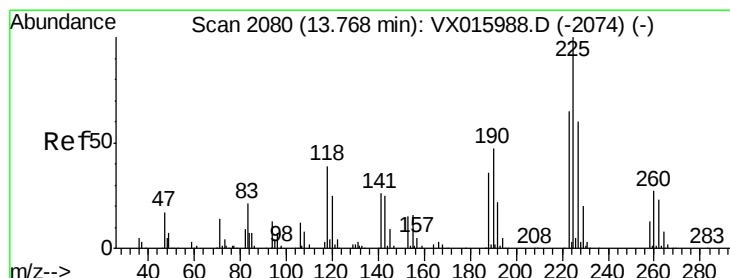
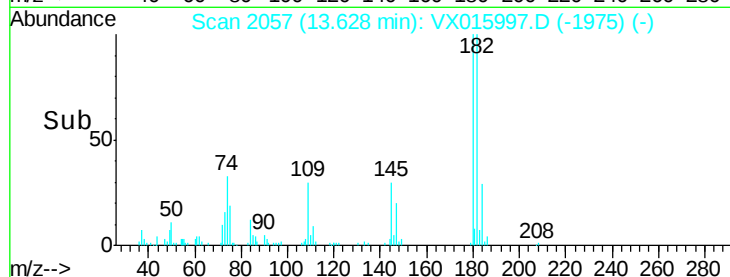
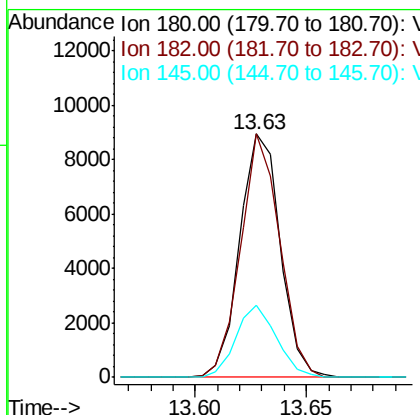
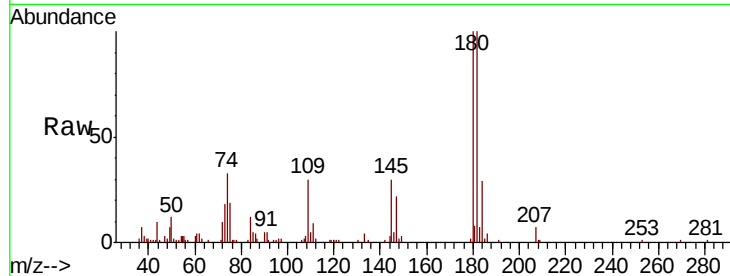




#89
 1,2,4-Trichlorobenzene
 Concen: 2.327 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

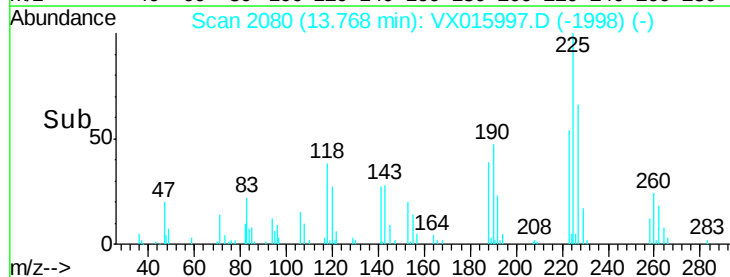
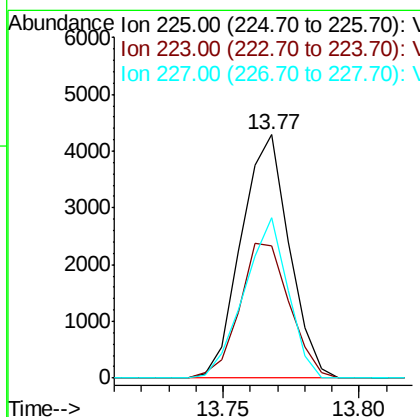
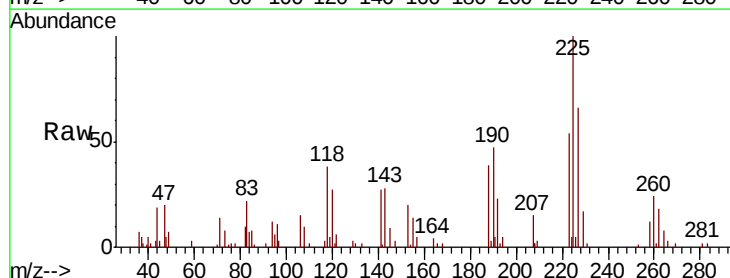
Instrument :
 MSVOA_X
 ClientSampleId :

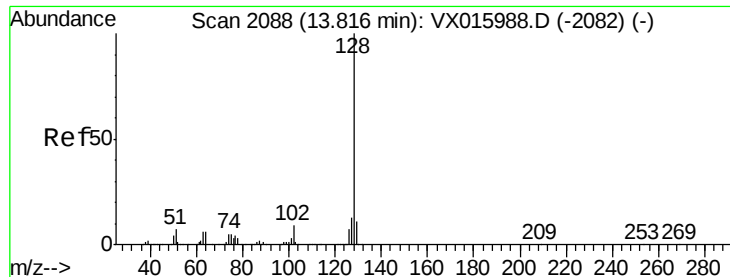
Tot Ion:180 Resp: 11373
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.0 112.6
 145 29.5 23.9 35.9



#90
 Hexachlorobutadiene
 Concen: 2.500 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015997.D
 Acq: 30 Apr 2020 16:00

Tgt Ion:225 Resp: 5252
 Ion Ratio Lower Upper
 225 100
 223 57.7 0.0 123.6
 227 59.9 0.0 123.6





#91

Naphthalene

Concen: 2.259 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

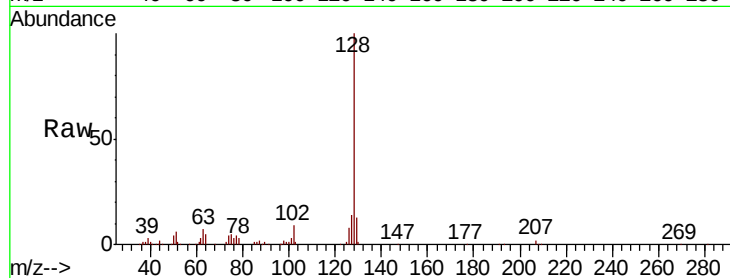
Tot Ion:128 Resp: 35151

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

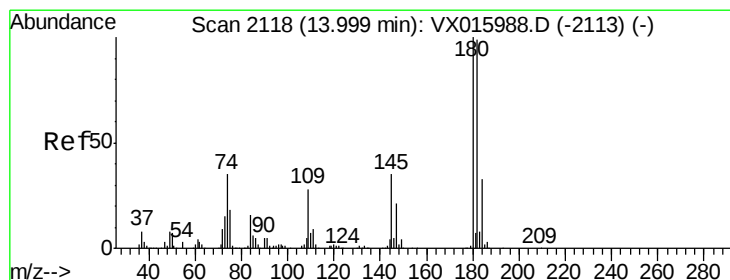
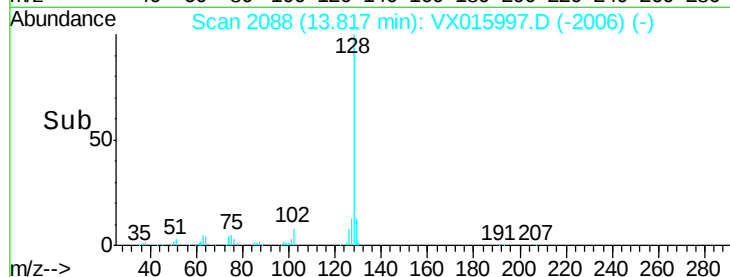
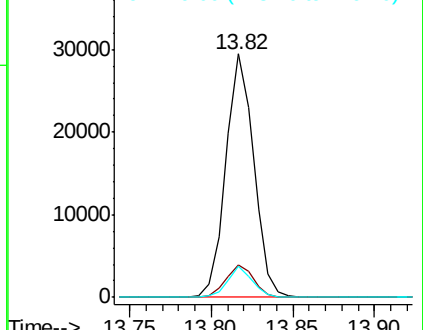
129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 2.285 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX015997.D

Acq: 30 Apr 2020 16:00

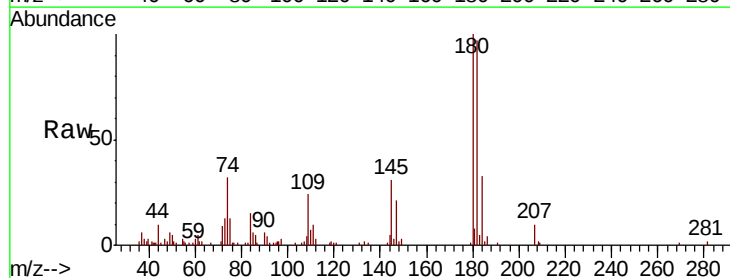
Tgt Ion:180 Resp: 10731

Ion Ratio Lower Upper

180 100

182 99.2 0.0 197.2

145 32.9 0.0 66.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

