

Data File : VX015201.D
Acq On : 11 Mar 2020 15:24
Operator : JC/SP
Sample : PB127431ZHE#10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#10

Quant Time: Mar 12 05:49:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	327805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	558353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	547188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	203882	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	5.49	113	174961	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	8.71	98	695405	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.13	95	248455	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	

Target Compounds

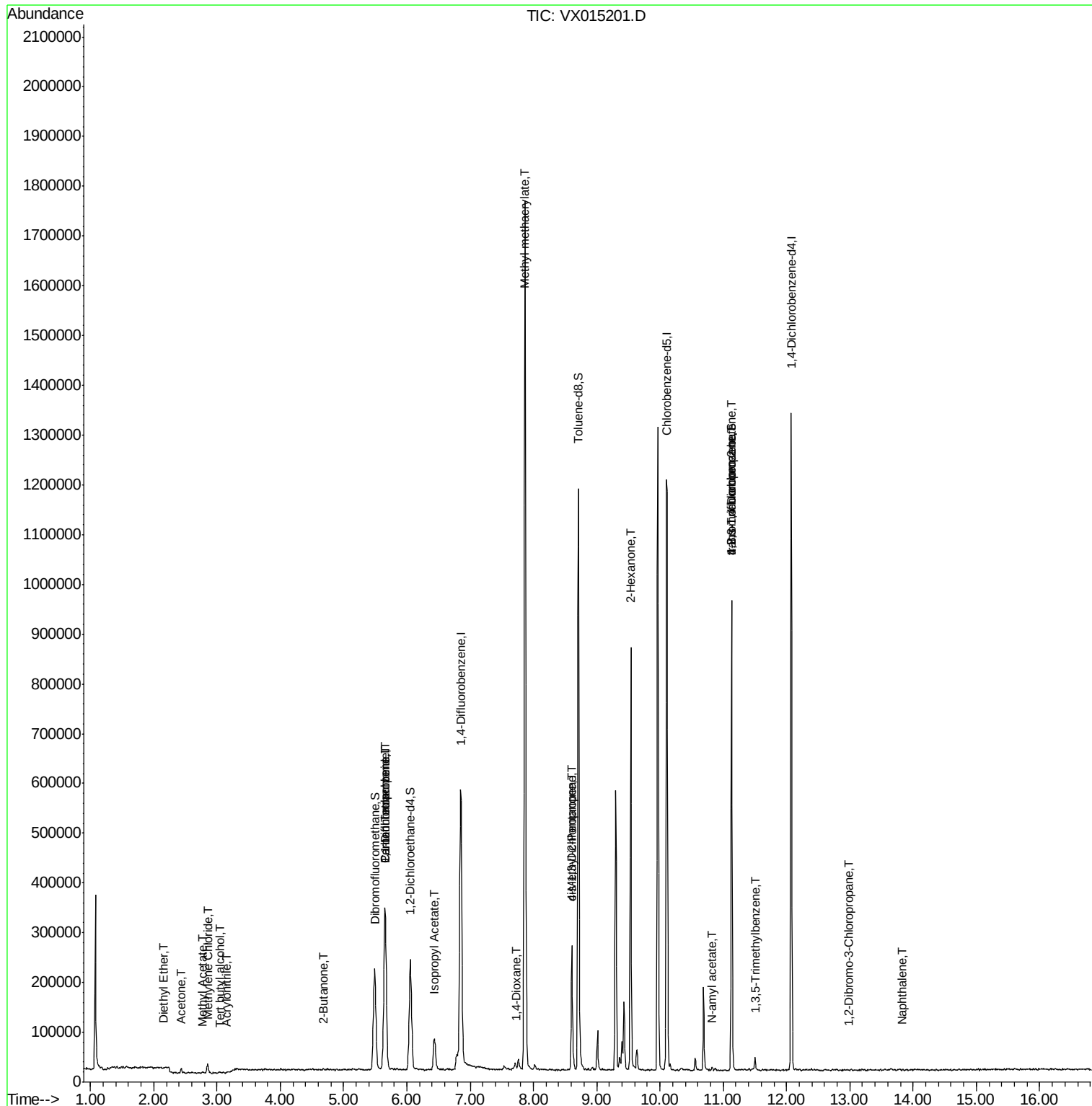
						Qvalue
8) Diethyl Ether	2.16	74	453	0.204	ug/l	56
11) Tert butyl alcohol	3.05	59	245	0.363	ug/l #	1
15) Acrylonitrile	3.16	53	345	0.205	ug/l #	9
16) Acetone	2.44	43	10668	6.773	ug/l	96
18) Methyl Acetate	2.77	43	3724	0.967	ug/l #	70
20) Methylene Chloride	2.85	84	8790	2.385	ug/l	97
25) 2-Butanone	4.67	43	1410	0.612	ug/l #	77
36) 1,1-Dichloropropene	5.65	75	23145	4.484	ug/l #	53
38) Carbon Tetrachloride	5.65	117	30086	6.175	ug/l #	15
43) Isopropyl Acetate	6.44	43	86052	10.216	ug/l	99
48) Methyl methacrylate	7.87	41	148320	34.597	ug/l #	44
49) 1,4-Dioxane	7.73	88	330	3.560	ug/l #	23
51) 4-Methyl-2-Pentanone	8.61	43	86858	17.441	ug/l #	51
54) cis-1,3-Dichloropropene	8.61	75	39383	6.408	ug/l #	63
59) 2-Hexanone	9.54	43	100701	27.281	ug/l #	52
74) N-amyl acetate	10.82	43	3437	0.478	ug/l #	48
76) 1,2,3-Trichloropropane	11.13	75	123853	23.261	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.50	105	12294	0.866	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	123853	66.014	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.99	75	442	0.388	ug/l #	4
95) Naphthalene	13.84	128	490	1.447	ug/l #	17

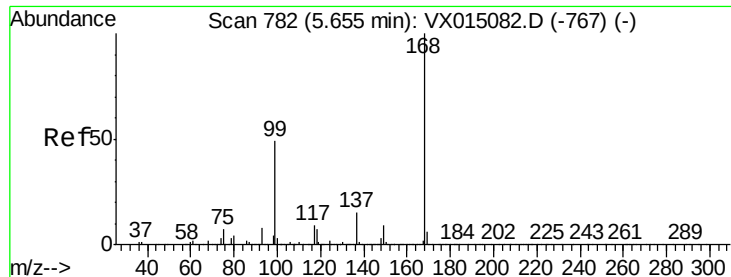
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX015201.D
Acq On : 11 Mar 2020 15:24
Operator : JC/SP
Sample : PB127431ZHE#10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#10

Quant Time: Mar 12 05:49:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015201.D

Acq: 11 Mar 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

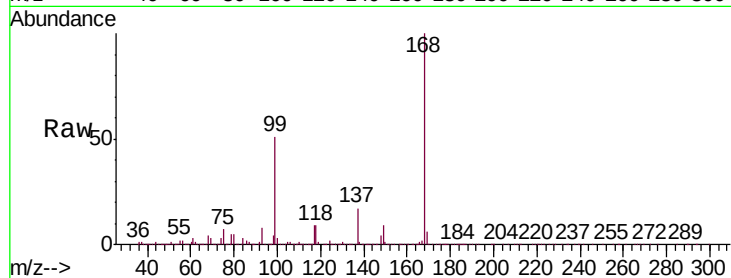
PB127431ZHE#10

Tgt Ion:168 Resp: 327805

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

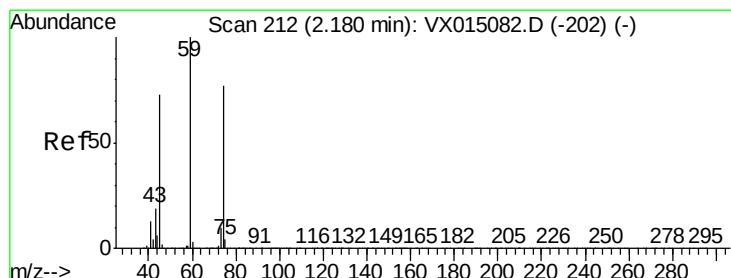
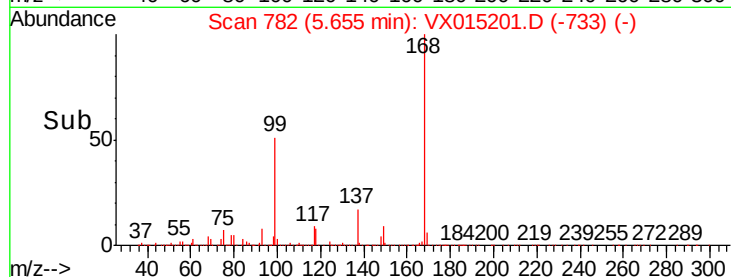
5.65

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.204 ug/l

RT: 2.16 min Scan# 209

Delta R.T. -0.02 min

Lab File: VX015201.D

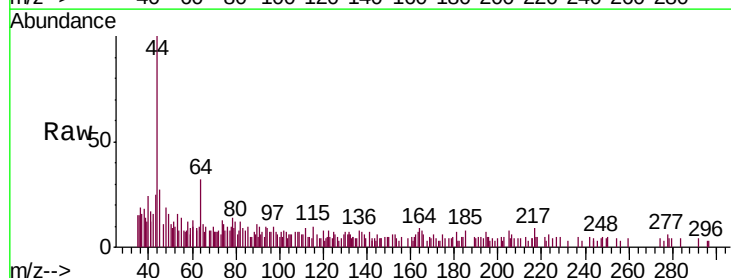
Acq: 11 Mar 2020 15:24

Tgt Ion: 74 Resp: 453

Ion Ratio Lower Upper

74 100

45 54.5 49.2 147.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.16

500

400

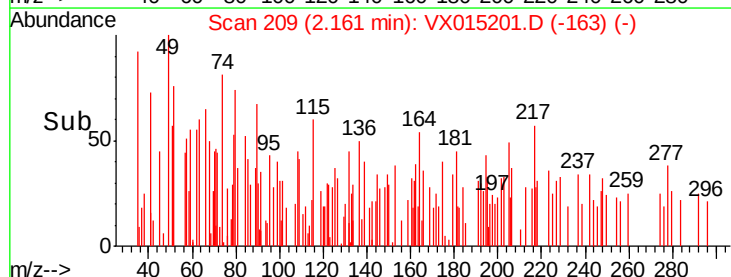
300

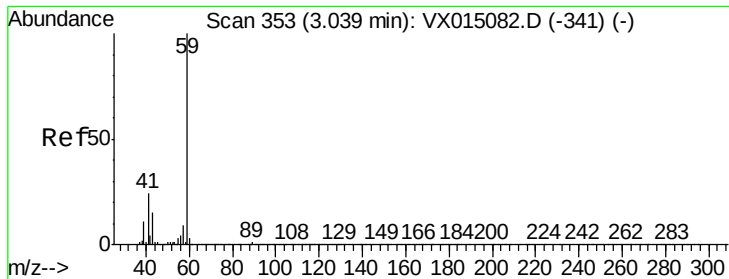
200

100

0

Time-->

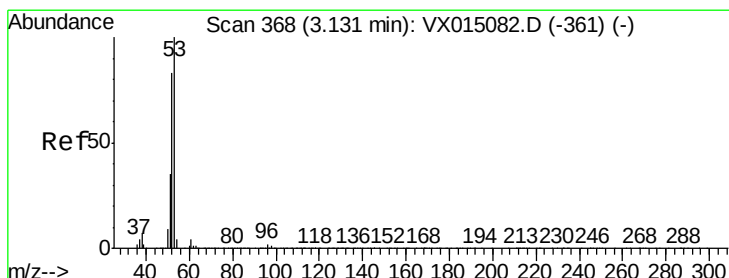
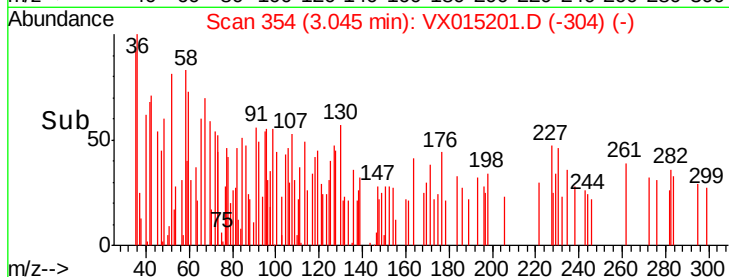
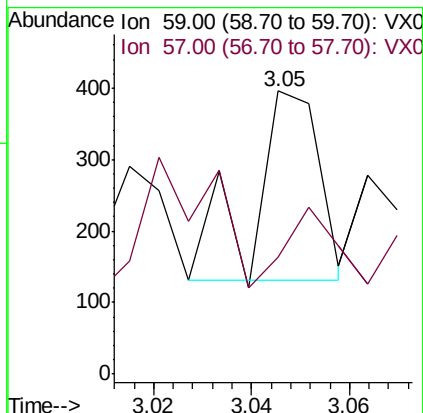
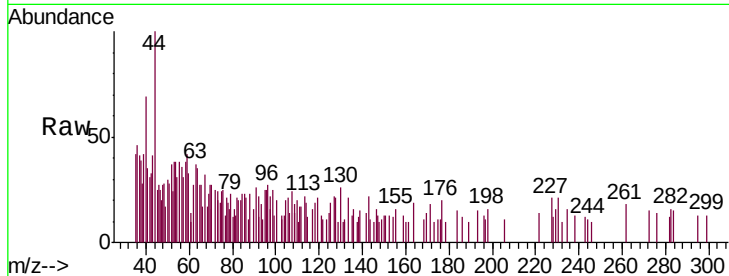




#11
Tert butyl alcohol
Concen: 0.363 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

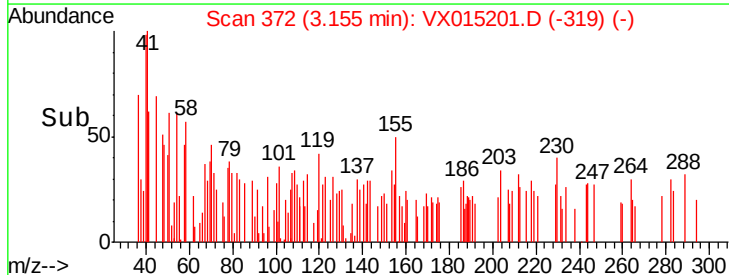
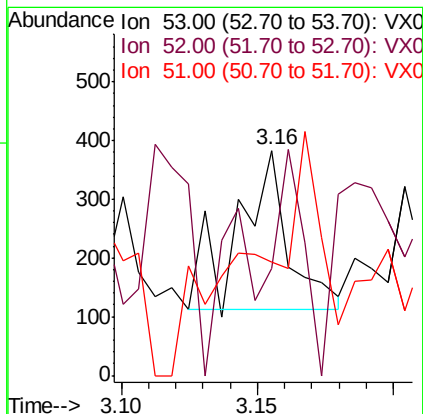
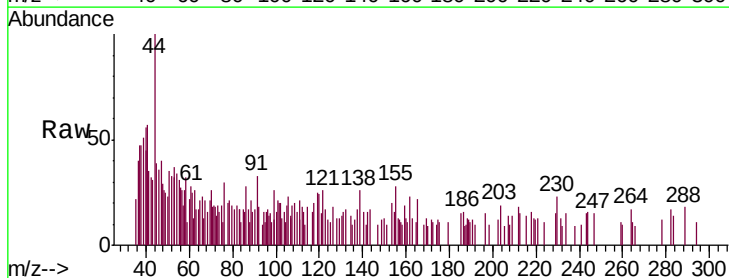
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#10

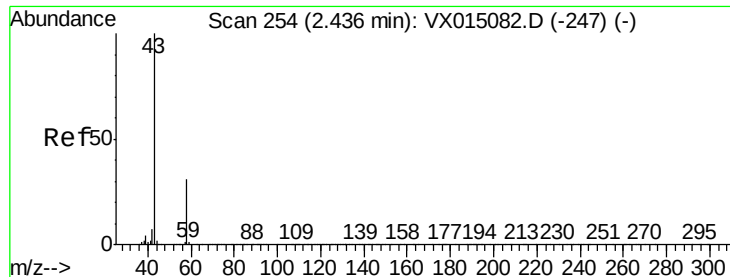
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 51.0 8.2 12.4#



#15
Acrylonitrile
Concen: 0.205 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.02 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

Tgt Ion: 53 Resp: 345
Ion Ratio Lower Upper
53 100
52 84.1 66.6 100.0
51 212.5 29.0 43.6#





#16

Acetone

Concen: 6.773 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015201.D

Acq: 11 Mar 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

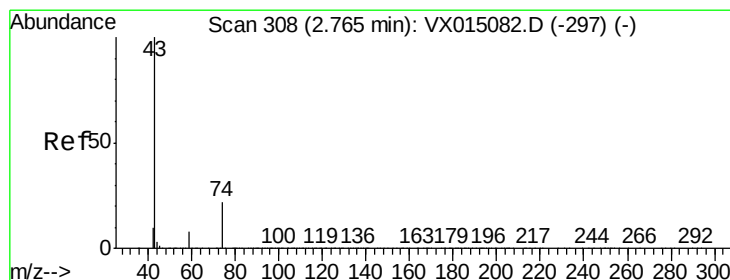
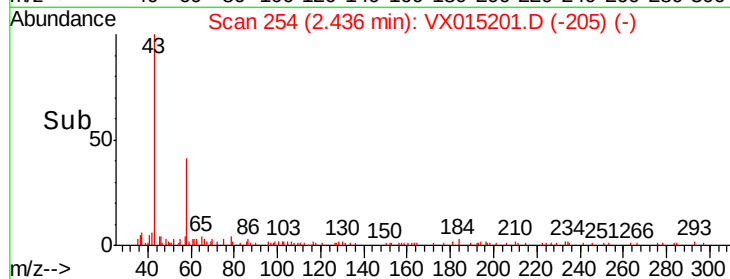
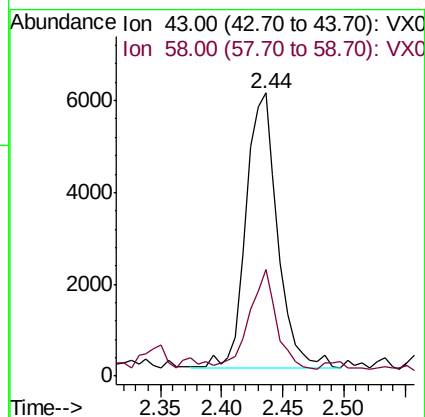
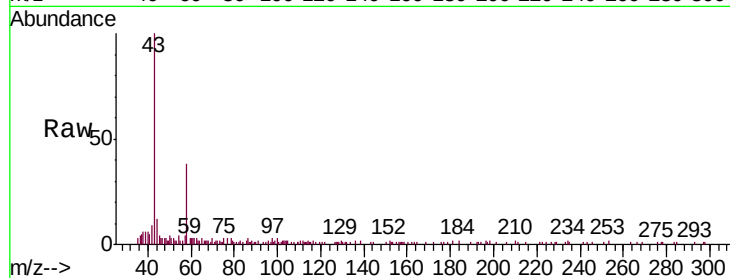
PB127431ZHE#10

Tgt Ion: 43 Resp: 10668

Ion Ratio Lower Upper

43 100

58 33.5 24.8 37.2



#18

Methyl Acetate

Concen: 0.967 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015201.D

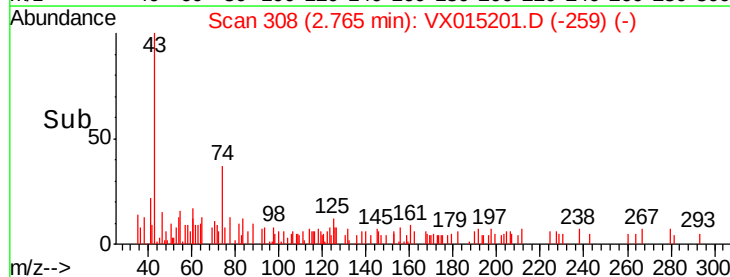
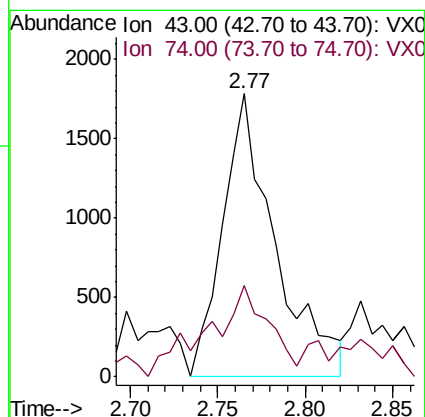
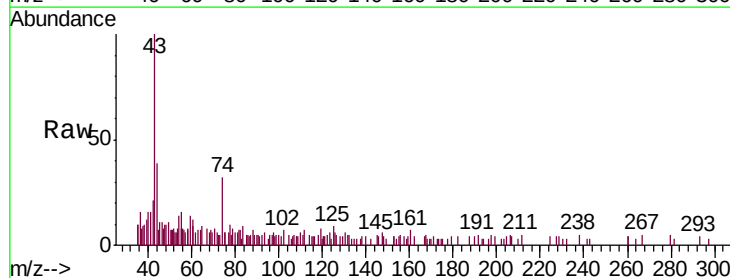
Acq: 11 Mar 2020 15:24

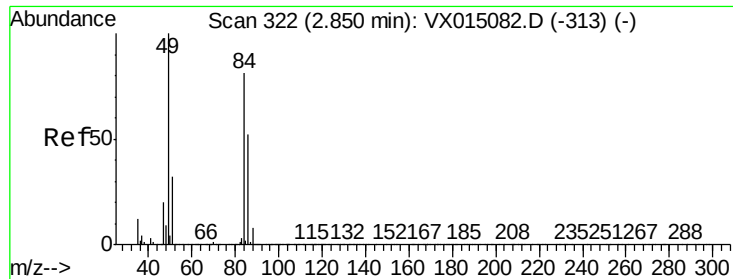
Tgt Ion: 43 Resp: 3724

Ion Ratio Lower Upper

43 100

74 38.3 18.8 28.2#





#20

Methylene Chloride

Concen: 2.385 ug/l

RT: 2.85 min Scan# 322

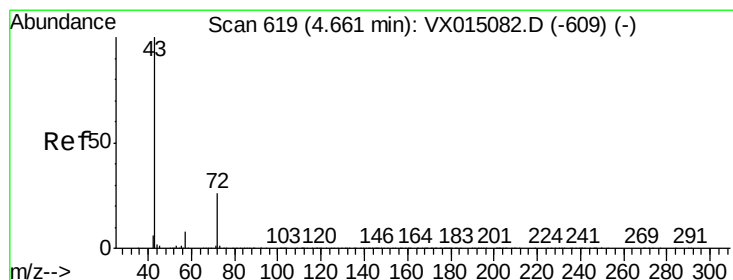
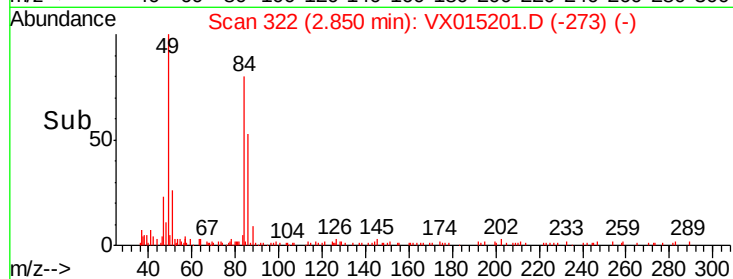
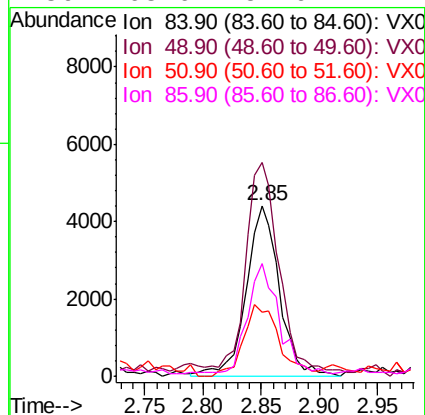
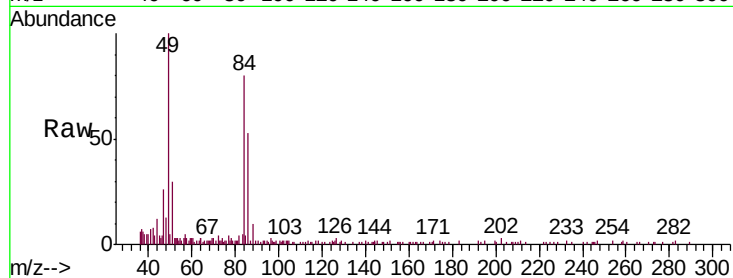
Delta R.T. 0.00 min

Lab File: VX015201.D

Acq: 11 Mar 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#10

Tgt Ion:	84	Resp:	8790
Ion	Ratio	Lower	Upper
84	100		
49	121.6	99.4	149.2
51	32.8	31.5	47.3
86	63.6	51.6	77.4



#25

2-Butanone

Concen: 0.612 ug/l

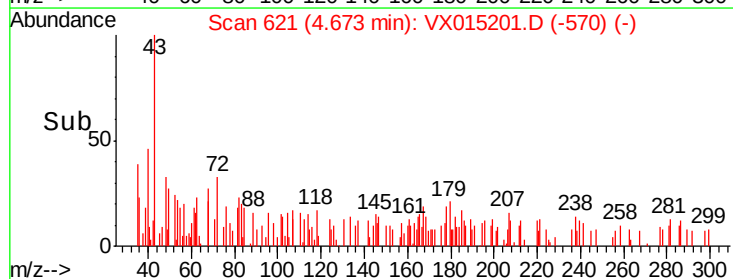
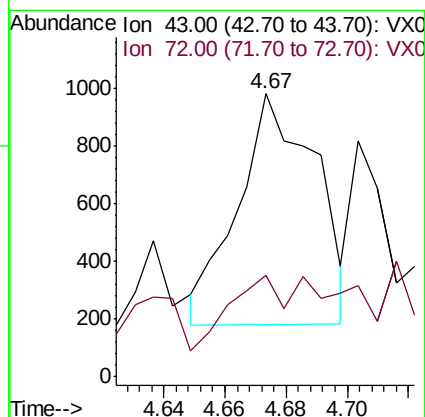
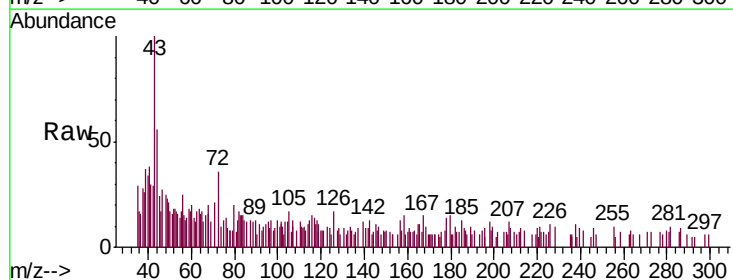
RT: 4.67 min Scan# 621

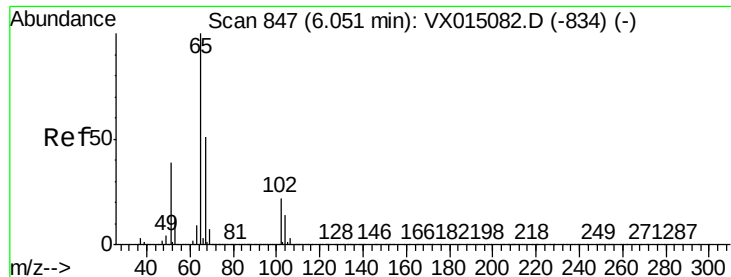
Delta R.T. 0.01 min

Lab File: VX015201.D

Acq: 11 Mar 2020 15:24

Tgt Ion:	43	Resp:	1410
Ion	Ratio	Lower	Upper
43	100		
72	37.3	20.6	30.8#

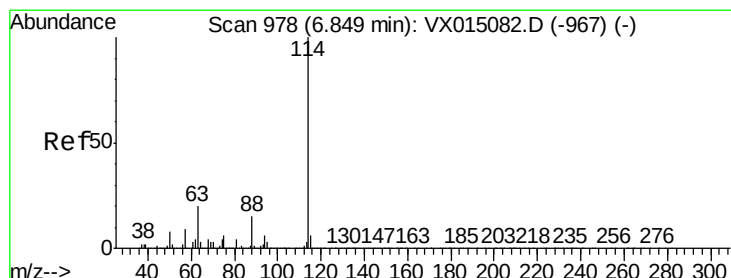
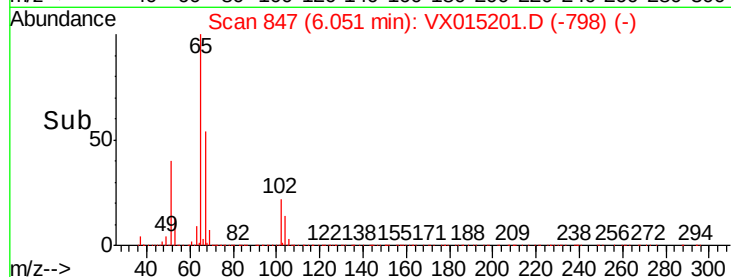
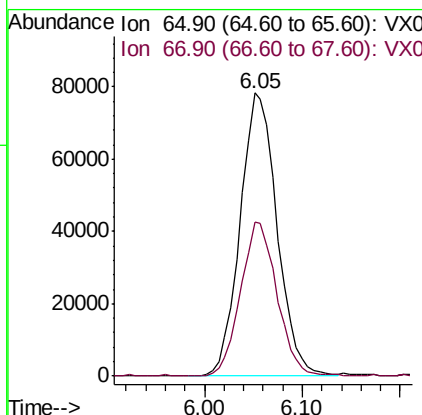
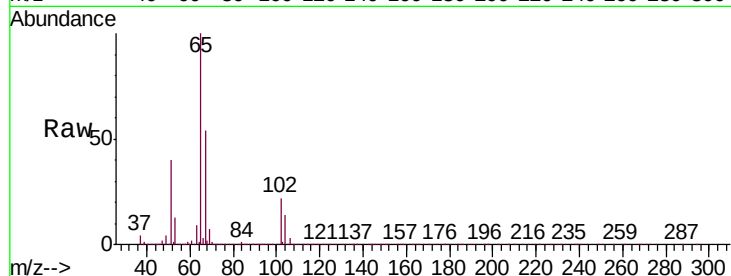




#33
 1,2-Dichloroethane-d4
 Concen: 52.425 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015201.D
 Acq: 11 Mar 2020 15:24

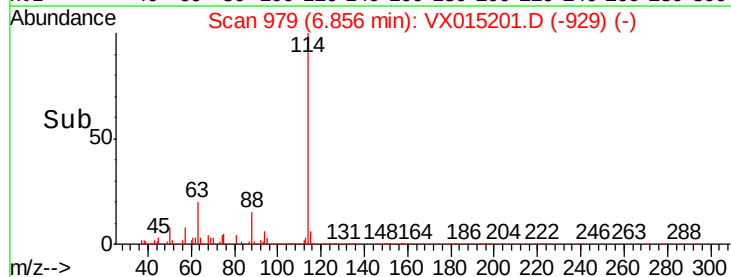
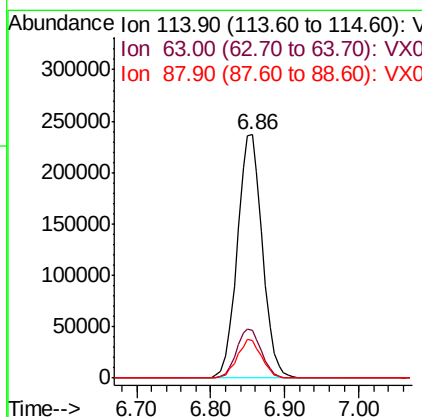
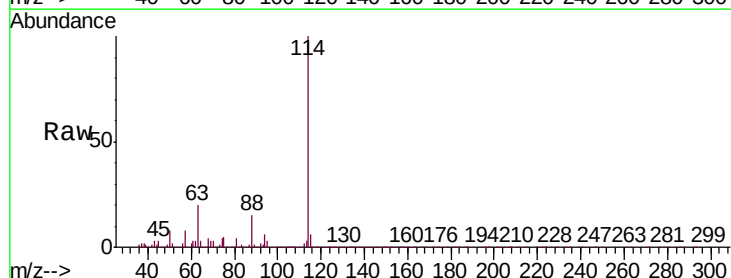
Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#10

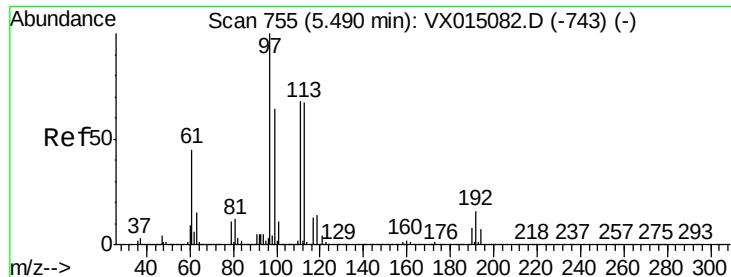
Tgt Ion: 65 Resp: 203882
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX015201.D
 Acq: 11 Mar 2020 15:24

Tgt Ion: 114 Resp: 558353
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.2 0.0 30.6

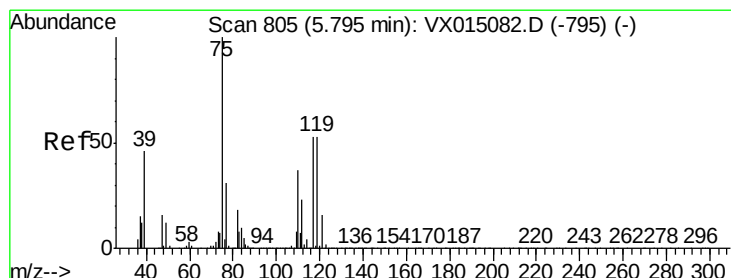
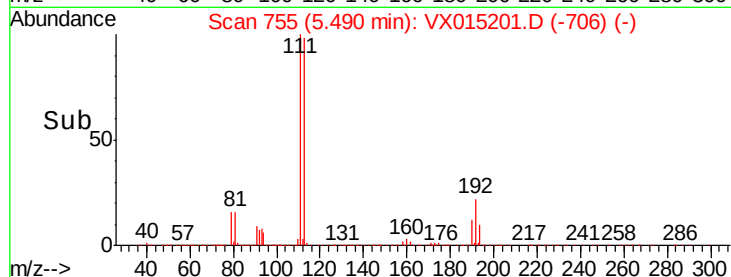
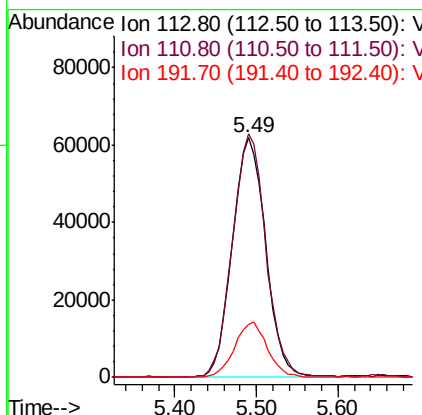
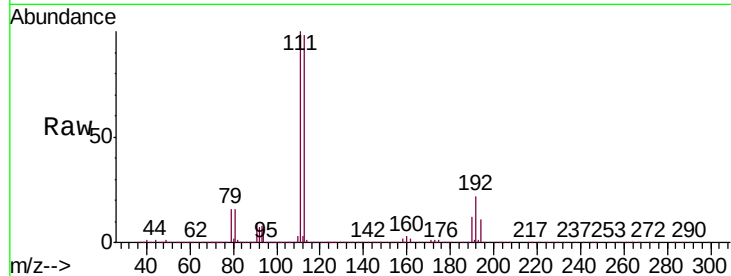




#35
 Dibromofluoromethane
 Concen: 49.670 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015201.D
 Acq: 11 Mar 2020 15:24

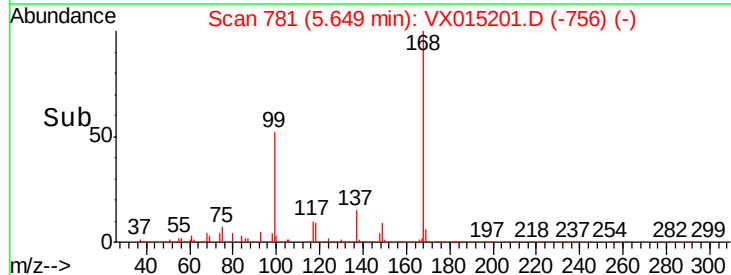
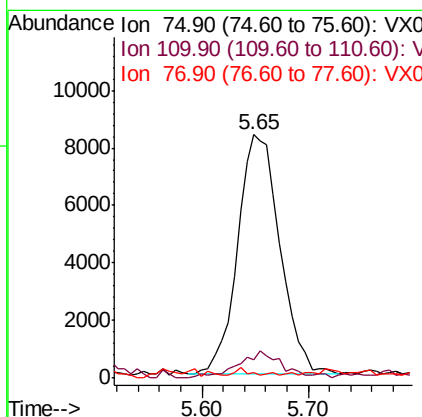
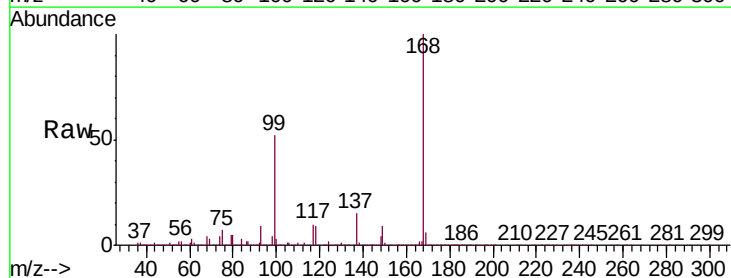
Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#10

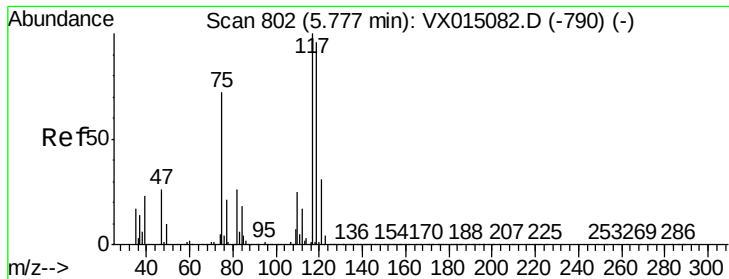
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.6	123.8
192	22.5	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 4.484 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX015201.D
 Acq: 11 Mar 2020 15:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.9	17.9	53.8#
77	0.8	24.8	37.2#

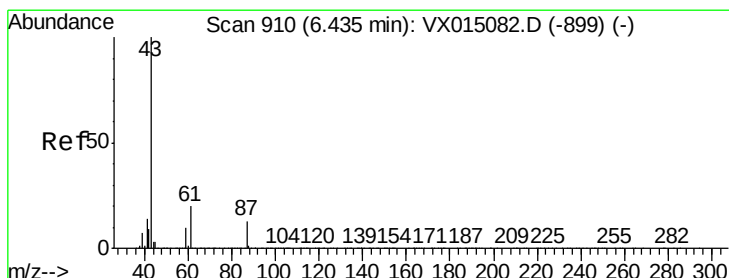
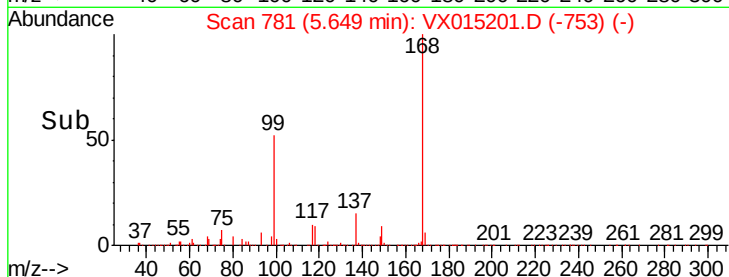
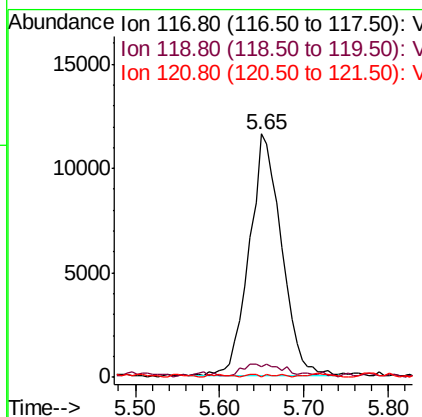
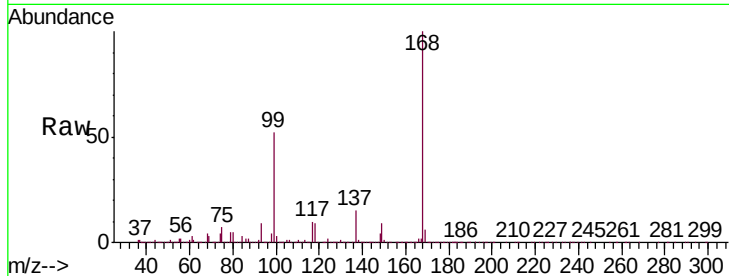




#38
Carbon Tetrachloride
Concen: 6.175 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

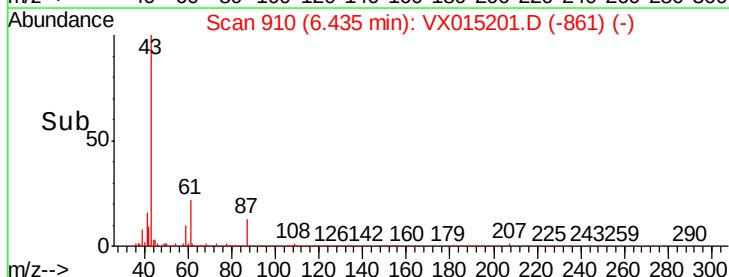
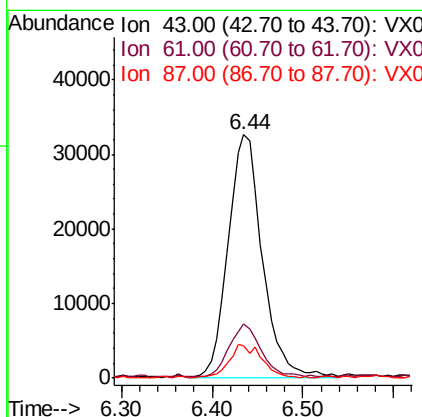
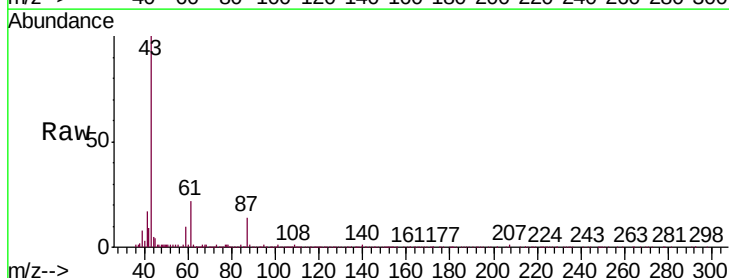
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#10

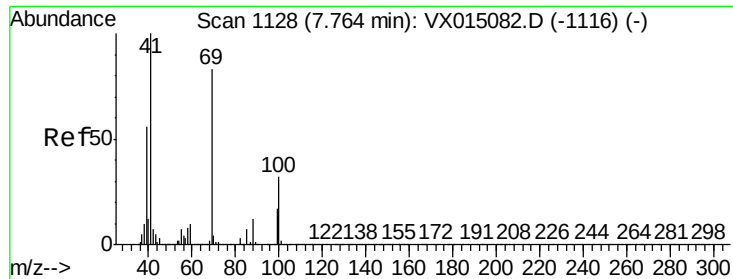
Tgt Ion: 117 Resp: 30086
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 10.216 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

Tgt Ion: 43 Resp: 86052
Ion Ratio Lower Upper
43 100
61 20.1 16.1 24.1
87 12.6 10.6 16.0

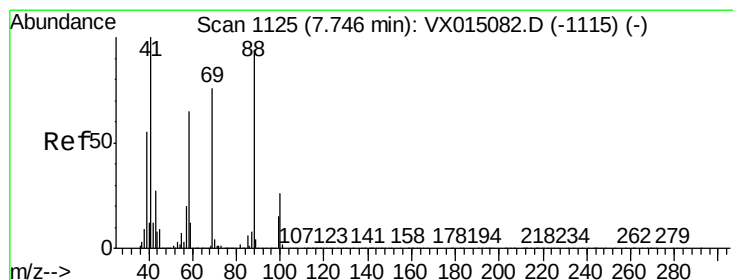
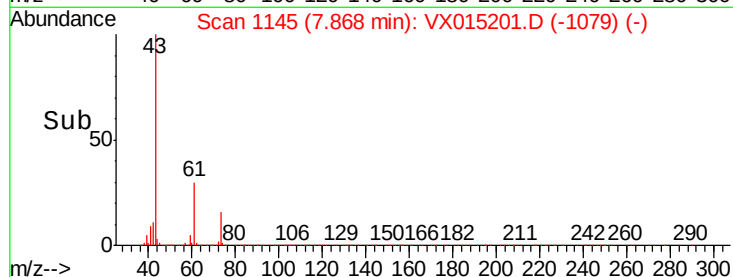
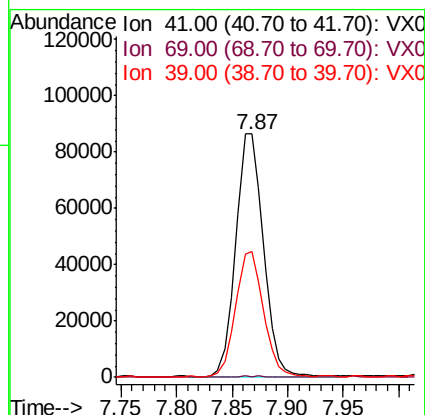
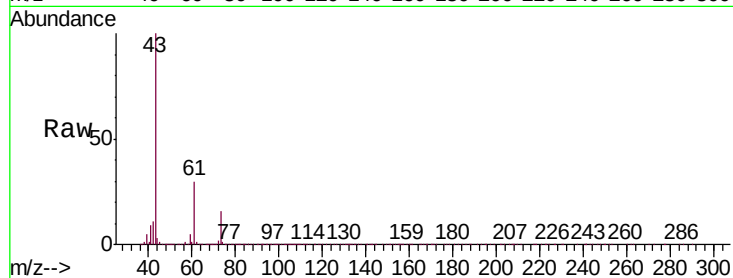




#48
Methyl methacrylate
Concen: 34.597 ug/l
RT: 7.87 min Scan# 1145
Delta R.T. 0.10 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

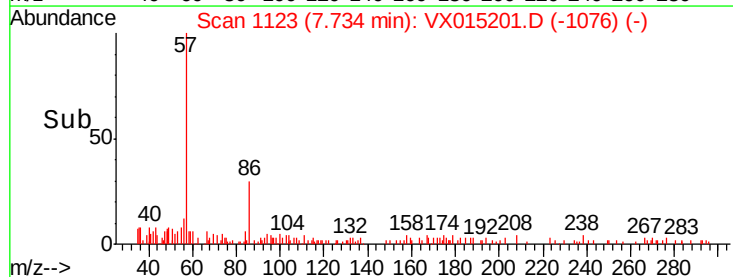
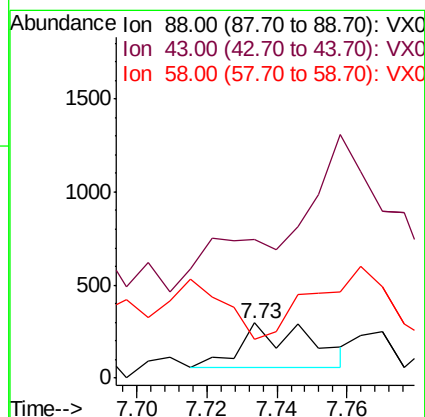
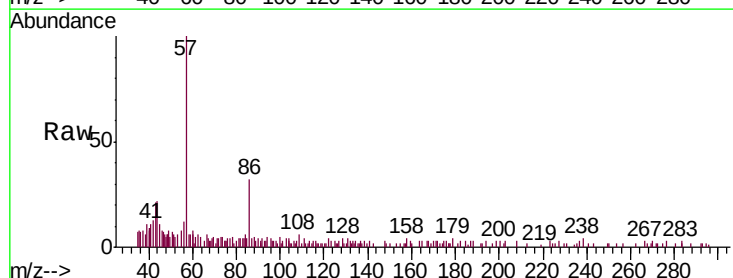
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#10

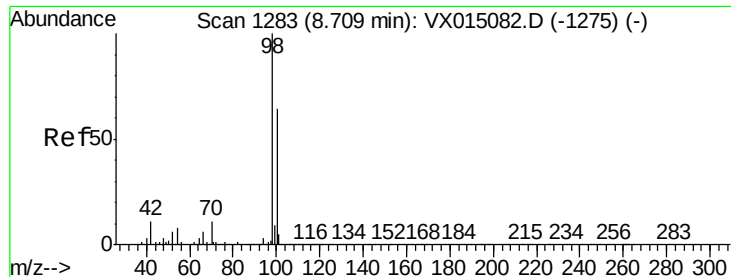
Tgt Ion: 41 Resp: 148320
Ion Ratio Lower Upper
41 100
69 0.6 65.4 98.2#
39 51.7 44.6 67.0



#49
1,4-Dioxane
Concen: 3.560 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

Tgt Ion: 88 Resp: 330
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.4#
58 0.0 55.6 83.4#

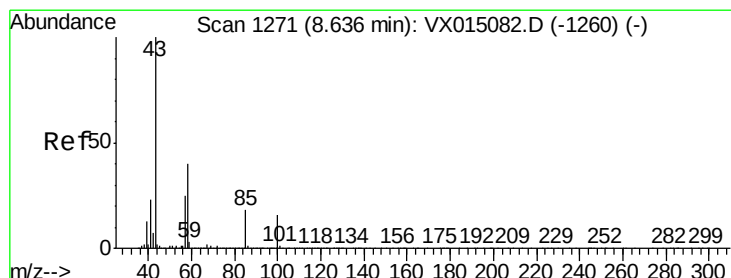
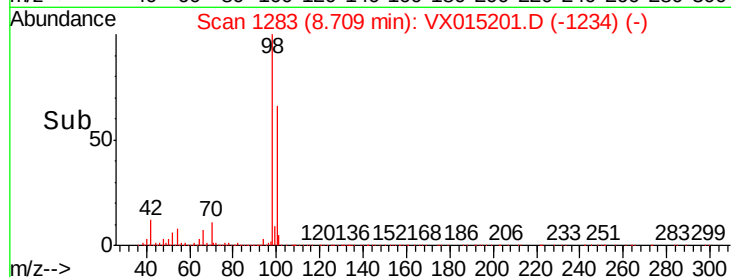
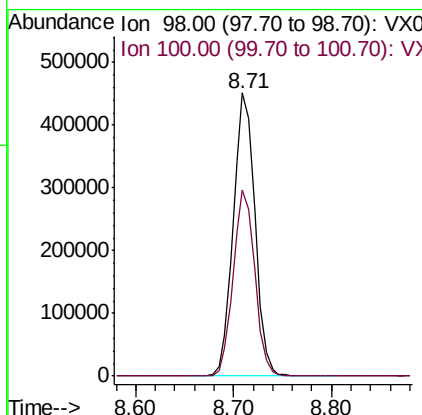
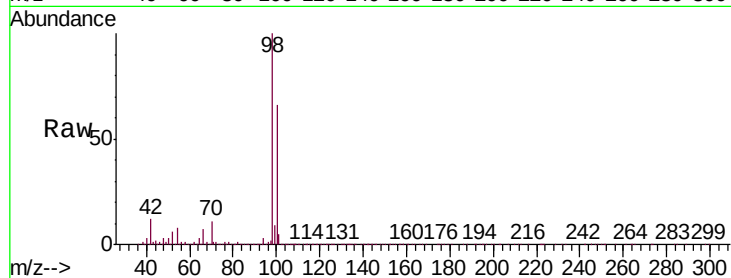




#50
Toluene-d8
Concen: 51.900 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

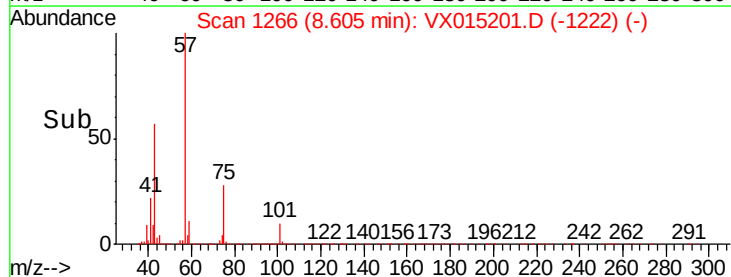
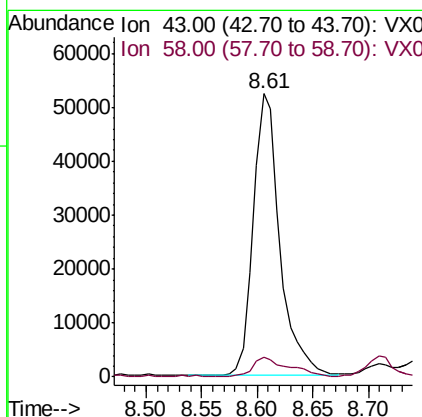
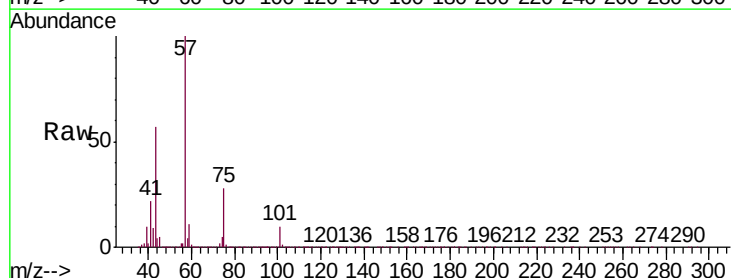
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#10

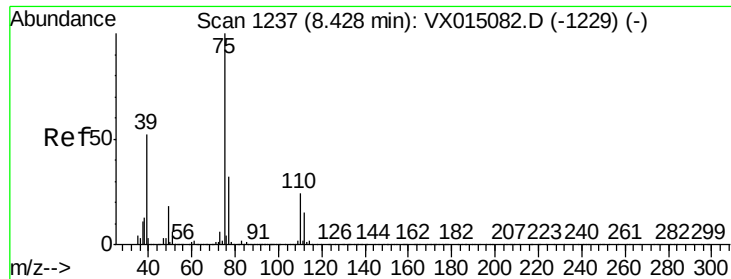
Tgt Ion: 98 Resp: 695405
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 17.441 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

Tgt Ion: 43 Resp: 86858
Ion Ratio Lower Upper
43 100
58 9.4 31.6 47.4#



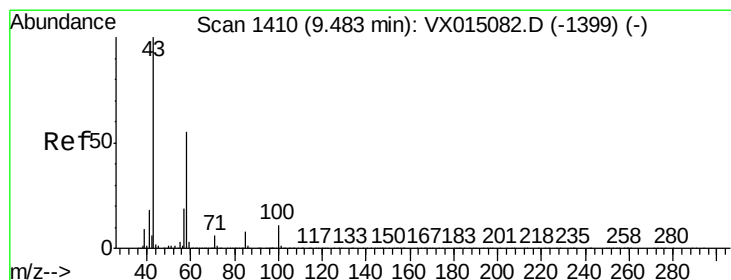
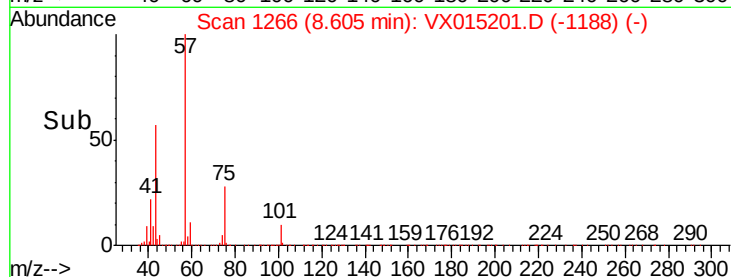
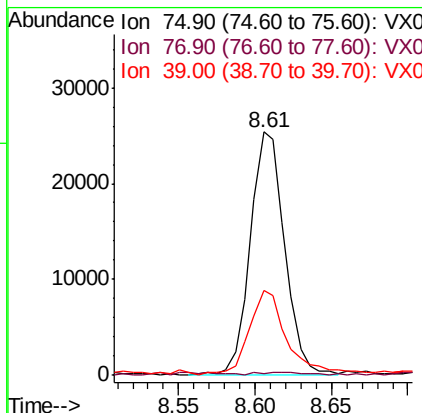
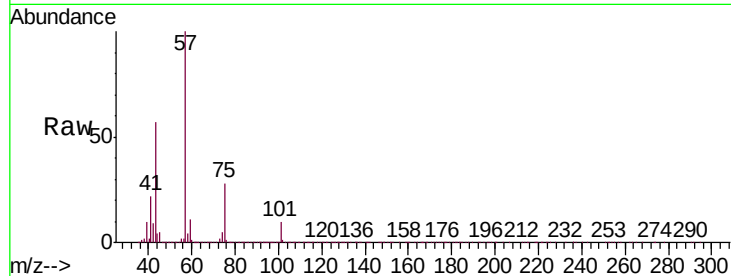


#54

cis-1,3-Dichloropropene
 Concen: 6.408 ug/l
 RT: 8.61 min Scan# 1266
 Delta R.T. 0.18 min
 Lab File: VX015201.D
 Acq: 11 Mar 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#10

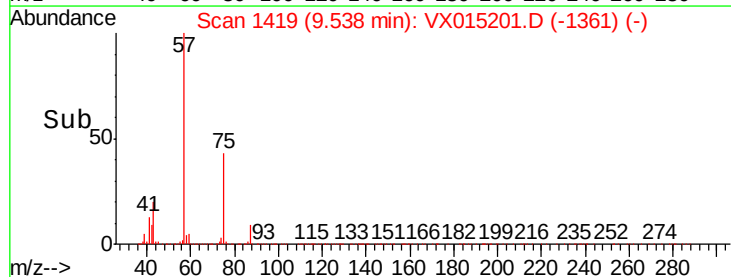
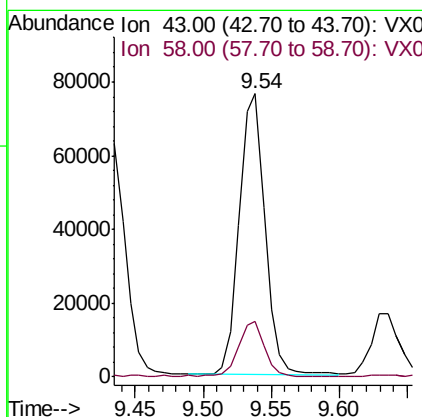
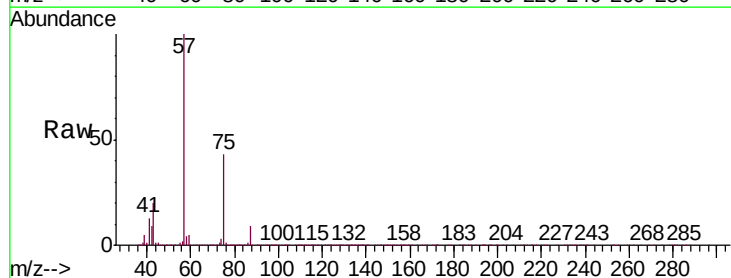
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#
39	34.3	41.3	61.9#

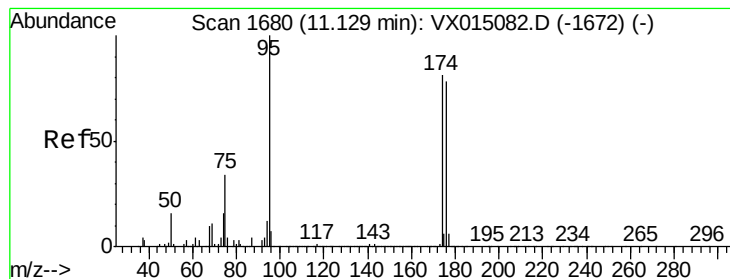


#59

2-Hexanone
 Concen: 27.281 ug/l
 RT: 9.54 min Scan# 1419
 Delta R.T. 0.06 min
 Lab File: VX015201.D
 Acq: 11 Mar 2020 15:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	20.0	27.3	81.8#





#62

4-Bromofluorobenzene

Concen: 51.986 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015201.D

Acq: 11 Mar 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#10

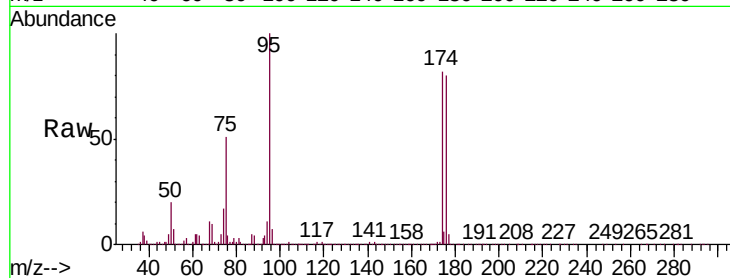
Tgt Ion: 95 Resp: 248455

Ion Ratio Lower Upper

95 100

174 88.9 0.0 177.6

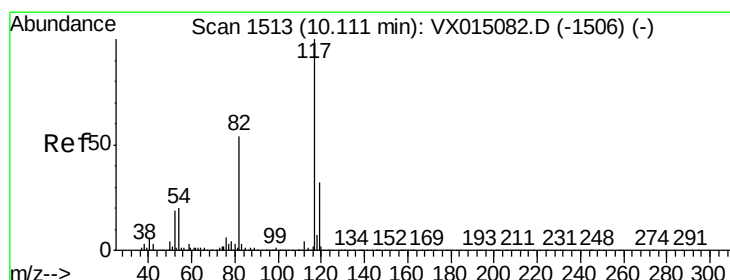
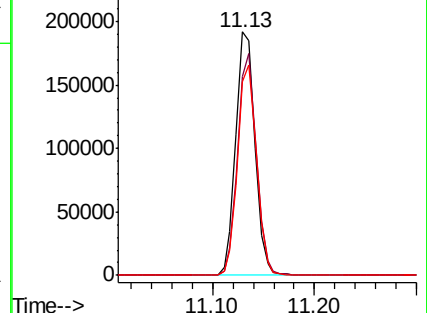
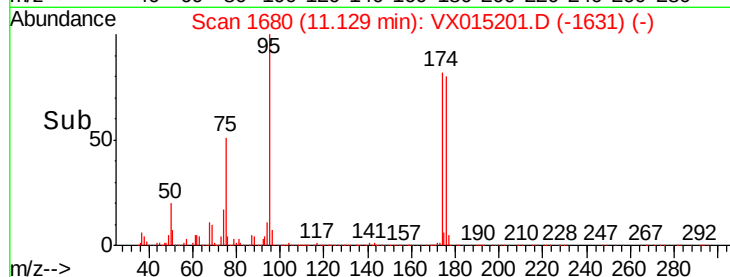
176 85.3 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX015201.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015201.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015201.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015201.D

Acq: 11 Mar 2020 15:24

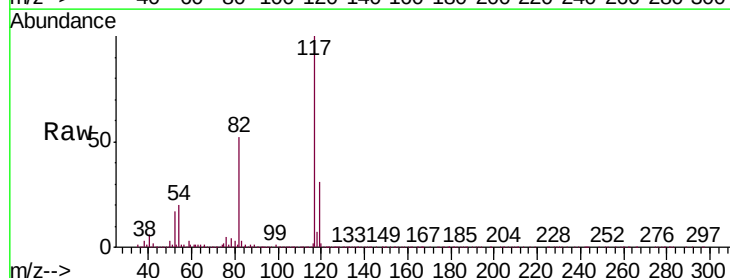
Tgt Ion: 117 Resp: 547188

Ion Ratio Lower Upper

117 100

82 52.1 43.3 64.9

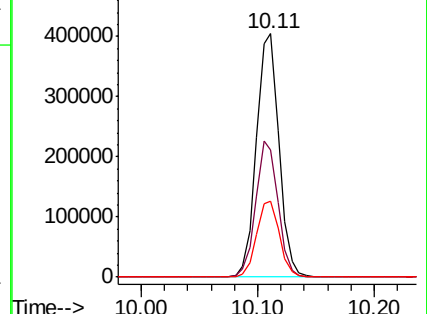
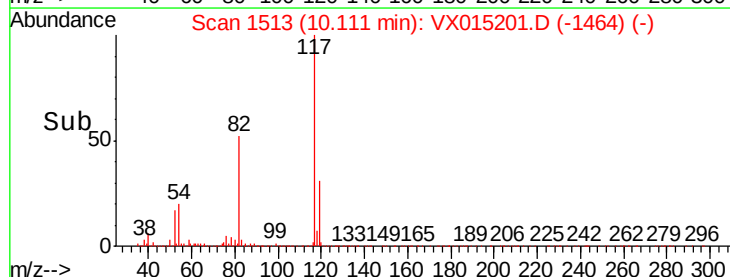
119 31.3 25.8 38.8

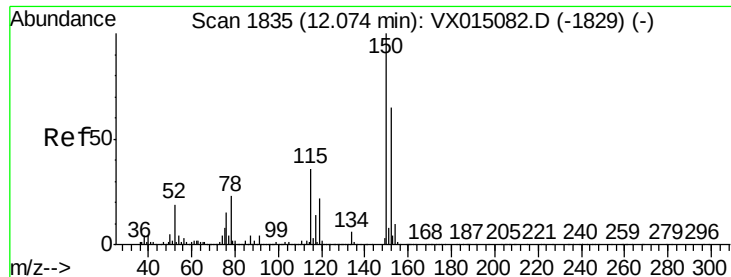


Abundance Ion 116.90 (116.60 to 117.60): VX015201.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015201.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015201.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015201.D

Acq: 11 Mar 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#10

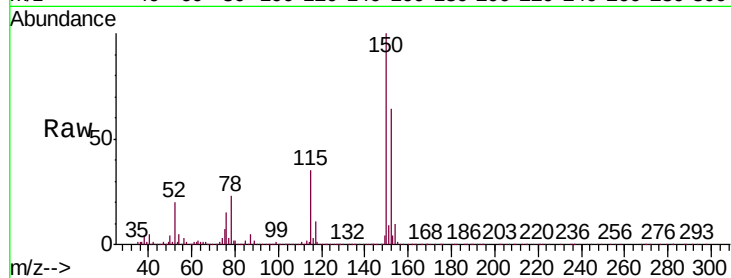
Tgt Ion:152 Resp: 266937

Ion Ratio Lower Upper

152 100

115 56.4 38.2 114.6

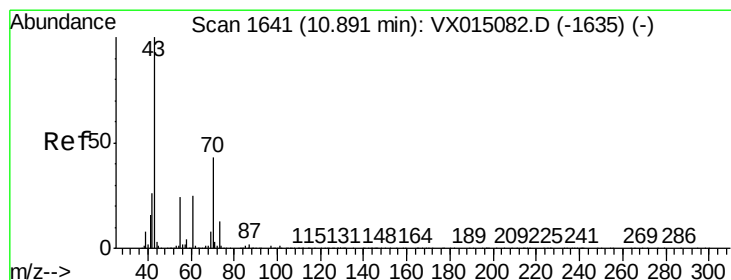
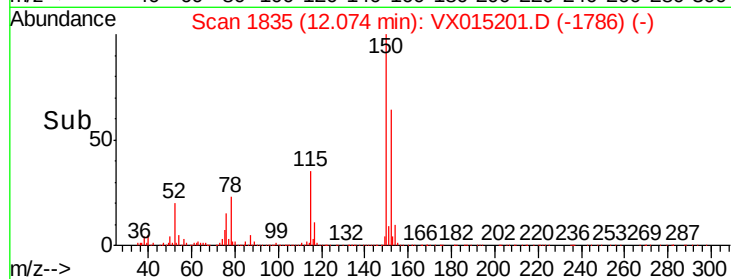
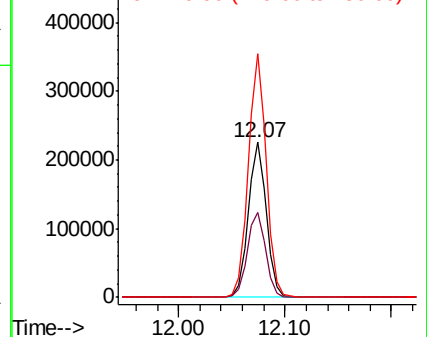
150 156.5 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.478 ug/l

RT: 10.82 min Scan# 1629

Delta R.T. -0.07 min

Lab File: VX015201.D

Acq: 11 Mar 2020 15:24

Tgt Ion: 43 Resp: 3437

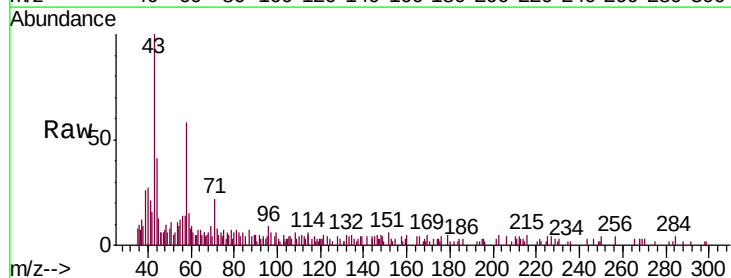
Ion Ratio Lower Upper

43 100

70 0.0 34.7 52.1#

55 10.5 19.4 29.0#

61 0.0 19.0 28.6#

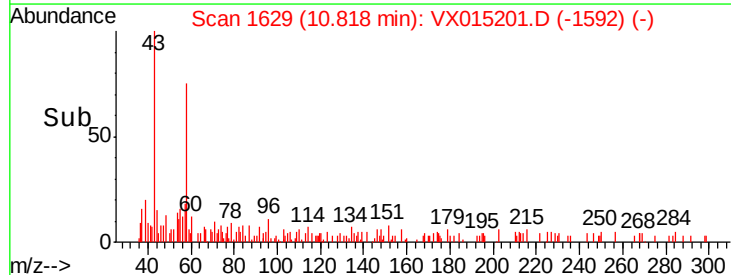
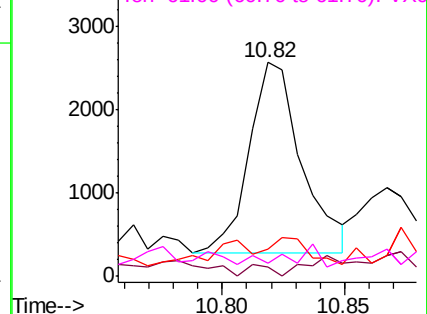


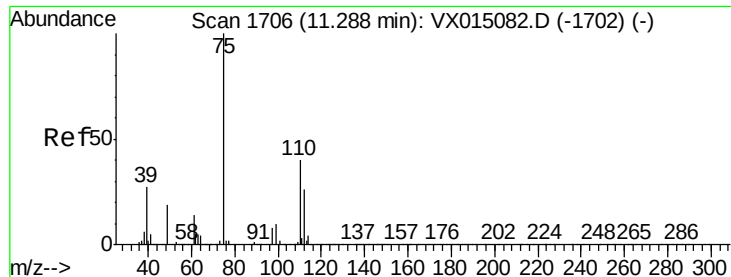
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

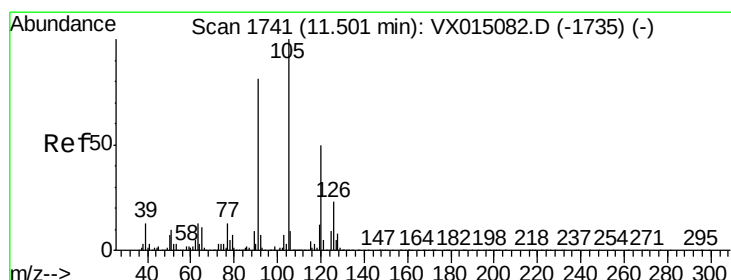
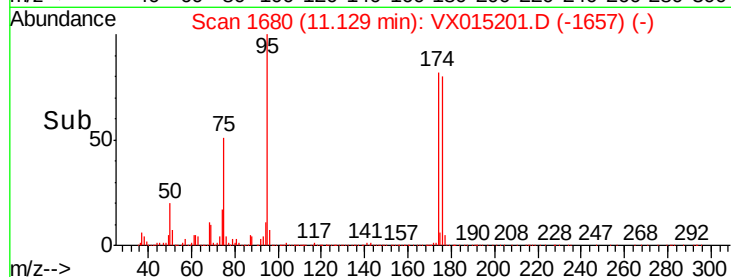
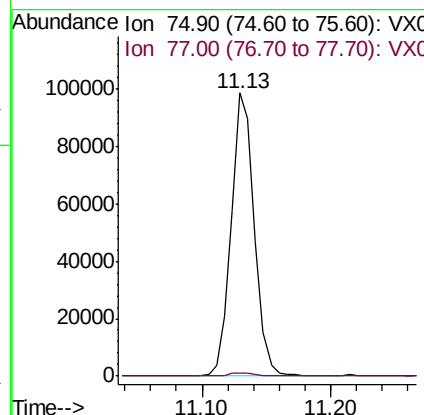
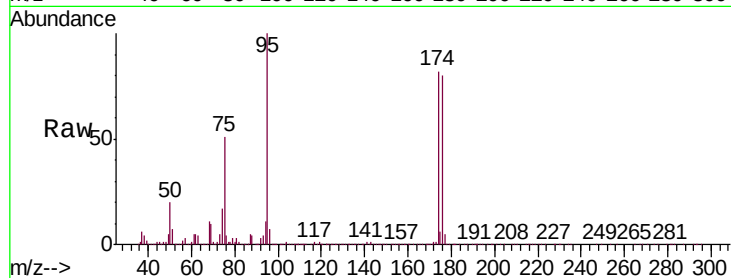




#76
 1,2,3-Trichloropropane
 Concen: 23.261 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX015201.D
 Acq: 11 Mar 2020 15:24

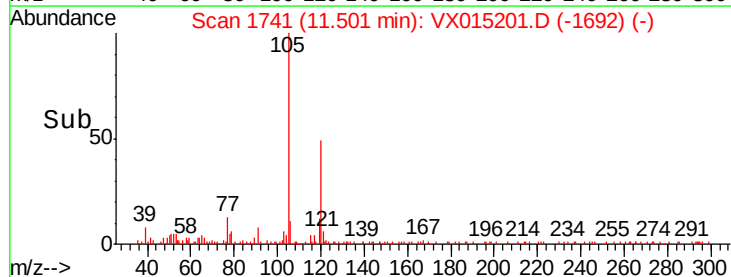
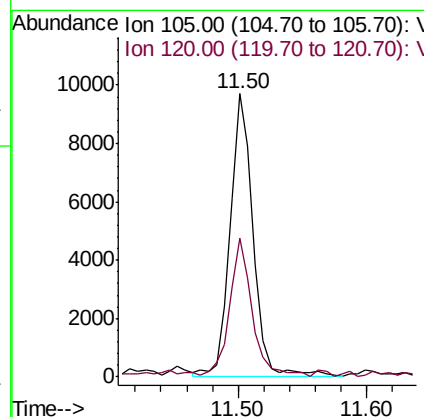
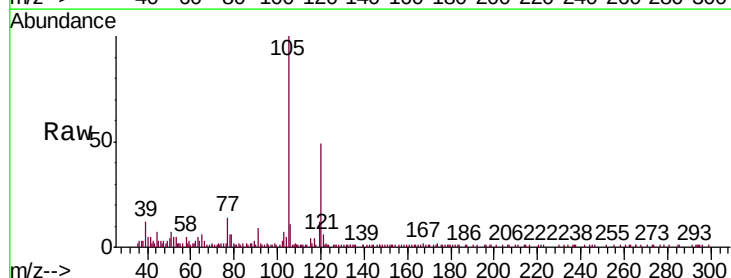
Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#10

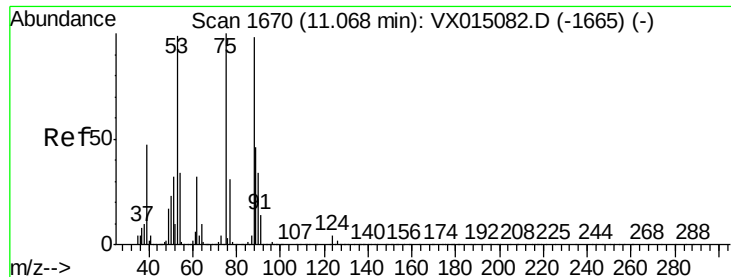
Tgt Ion: 75 Resp: 123853
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.6 67.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.866 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015201.D
 Acq: 11 Mar 2020 15:24

Tgt Ion: 105 Resp: 12294
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.1 75.4

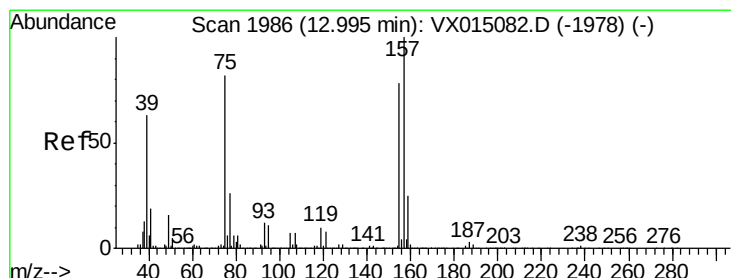
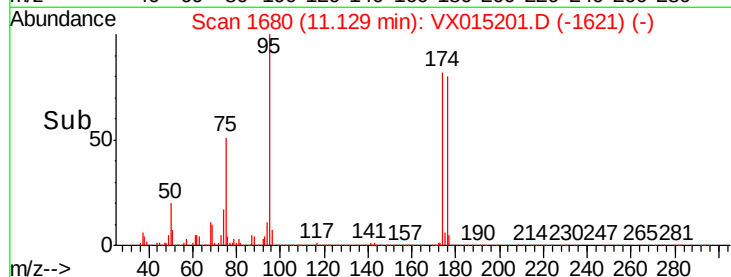
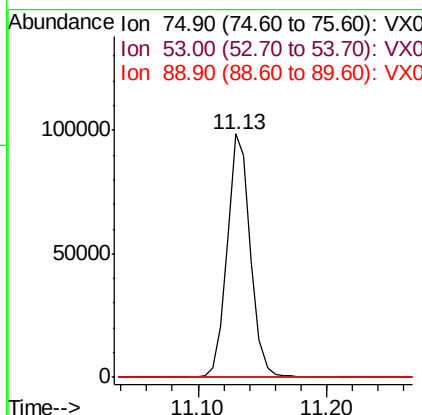
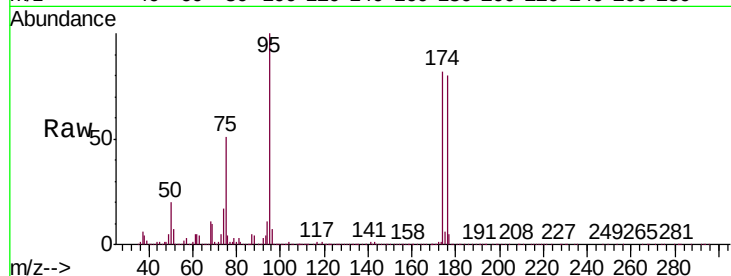




#81
trans-1,4-Dichloro-2-butene
Concen: 66.014 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

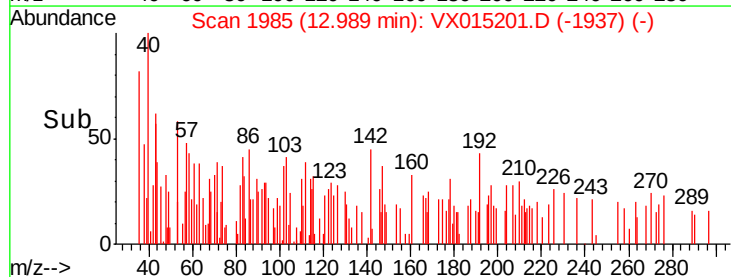
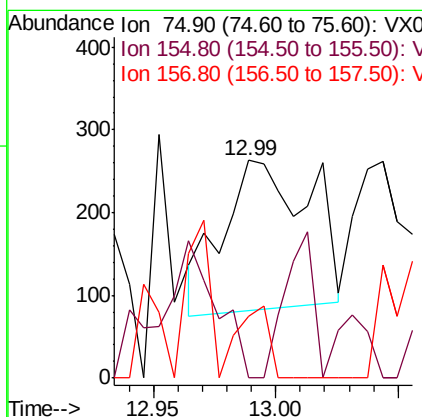
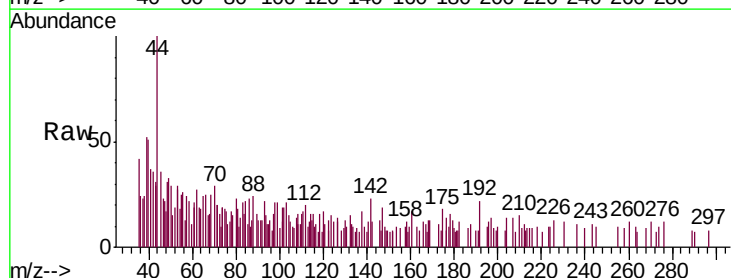
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#10

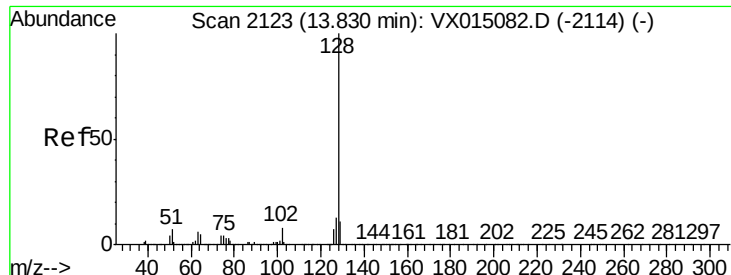
Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	77.9	116.9#
89	0.3	36.2	54.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.388 ug/l
RT: 12.99 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.6	139.7#
157	13.3	59.2	177.5#





#95
Naphthalene
Concen: 1.447 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX015201.D
Acq: 11 Mar 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#10

Tgt Ion	Ratio	Lower	Upper
128	100		
127	39.2	10.3	15.5#
129	50.0	8.6	13.0#

