

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
 Data File : VX011410.D
 Acq On : 09 Aug 2019 15:19
 Operator : JC/SP
 Sample : K4279-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672

Quant Time: Aug 11 00:01:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	225770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	326549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157131	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113857	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	5.49	113	95864	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	
50) Toluene-d8	8.71	98	383483	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.13	95	138334	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	421	0.215	ug/l #	80
5) Bromomethane	1.64	94	689	0.449	ug/l	98
6) Chloroethane	1.70	64	78	Below Cal	#	1
11) Tert butyl alcohol	3.01	59	377	0.854	ug/l #	72
13) Acrolein	2.39	56	10353	36.384	ug/l	84
14) Allyl chloride	2.84	41	41456	15.138	ug/l #	70
15) Acrylonitrile	3.17	53	16369	15.130	ug/l #	41
16) Acetone	2.43	43	7488	6.919	ug/l	95
18) Methyl Acetate	2.84	43	99462	40.217	ug/l #	49
20) Methylene Chloride	2.84	84	1004	0.424	ug/l #	1
25) 2-Butanone	4.68	43	3738	2.428	ug/l	98
26) 2,2-Dichloropropane	4.40	77	7331	2.657	ug/l #	49
30) Chloroform	5.27	83	3732	0.968	ug/l	100
31) Cyclohexane	5.58	56	825953	282.092	ug/l	99
36) 1,1-Dichloropropene	5.65	75	15029	5.271	ug/l #	49
38) Carbon Tetrachloride	5.65	117	20999	7.321	ug/l #	15
39) Methylcyclohexane	7.46	83	769361	227.656	ug/l	99
40) Benzene	6.14	78	1740791	204.610	ug/l	98
41) Methacrylonitrile	5.07	41	637	0.408	ug/l #	20
42) 1,2-Dichloroethane	6.14	62	15795	5.490	ug/l #	72
43) Isopropyl Acetate	6.45	43	11495	2.514	ug/l #	63
45) 1,2-Dichloropropane	7.46	63	7492	3.400	ug/l #	1
48) Methyl methacrylate	7.73	41	34608	16.084	ug/l #	55
49) 1,4-Dioxane	7.76	88	24	0.385	ug/l #	29
51) 4-Methyl-2-Pentanone	8.66	43	8307	2.815	ug/l #	35
52) Toluene	8.78	92	6468	1.150	ug/l	100
53) t-1,3-Dichloropropene	9.05	75	138	2.879	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	33346	14.418	ug/l #	19
56) Ethyl methacrylate	9.16	69	6799	2.063	ug/l #	1
59) 2-Hexanone	9.49	43	581	0.254	ug/l #	1
67) Ethyl Benzene	10.25	91	4452880	427.323	ug/l	99
68) m/p-Xylenes	10.36	106	634738	157.480	ug/l	95
69) o-Xylene	10.69	106	13072	3.301	ug/l	97
70) Styrene	10.71	104	2139	0.326	ug/l #	1

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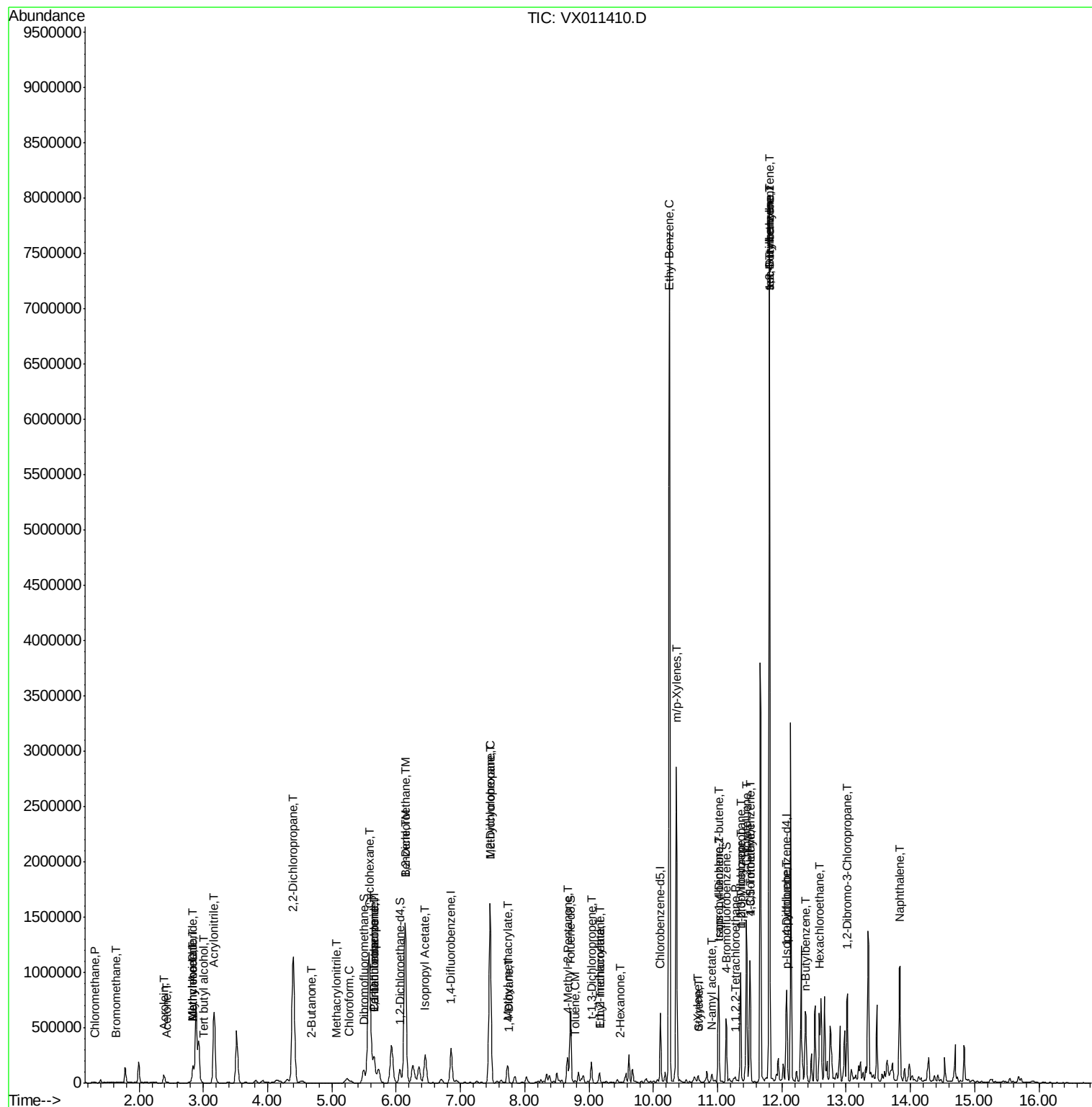
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	11.02	105	469138	43.654	ug/l	99
74) N-amyl acetate	10.91	43	1963	0.506	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2279	0.636	ug/l #	87
76) 1,2,3-Trichloropropane	11.36	75	4145	1.449	ug/l #	1
78) n-propylbenzene	11.36	91	624242	52.234	ug/l	98
79) 2-Chlorotoluene	11.45	91	87210	12.243	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	472396	52.511	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.01	75	5935	9.565	ug/l #	62
82) 4-Chlorotoluene	11.51	91	49913	6.013	ug/l #	42
83) tert-Butylbenzene	11.80	119	444886	50.423	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.80	105	3538580	395.075	ug/l	99
85) sec-Butylbenzene	11.80	105	3537927	333.747	ug/l #	55
86) p-Isopropyltoluene	12.06	119	102193	10.479	ug/l	99
89) n-Butylbenzene	12.38	91	104178	12.399	ug/l #	33
90) Hexachloroethane	12.58	117	28544	19.797	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2669	3.847	ug/l #	1
95) Naphthalene	13.83	128	665422	64.854	ug/l	100

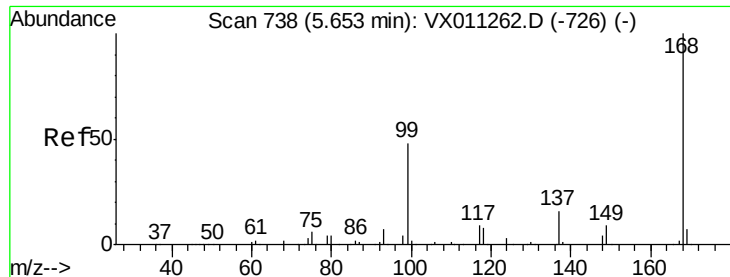
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

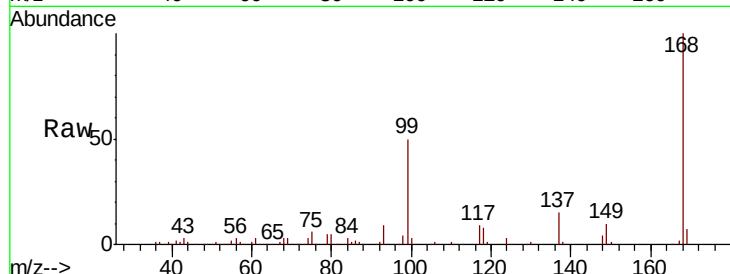
Z3-0672

Tgt Ion:168 Resp: 225770

Ion Ratio Lower Upper

168 100

99 49.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

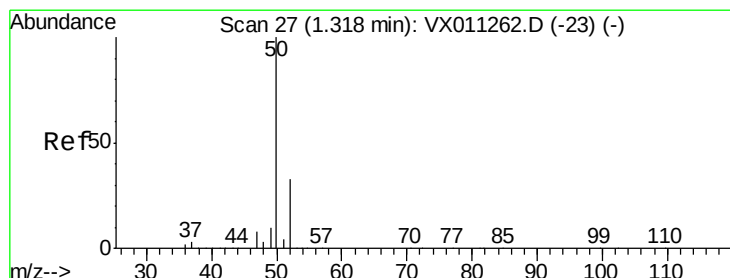
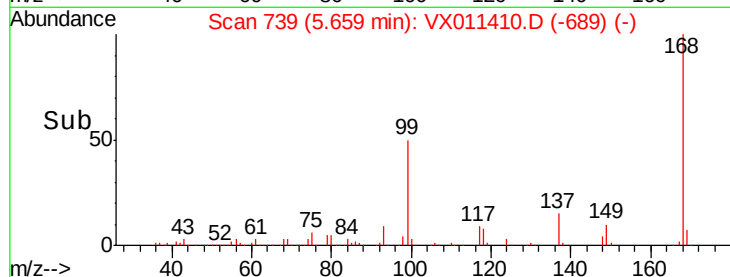
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.215 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011410.D

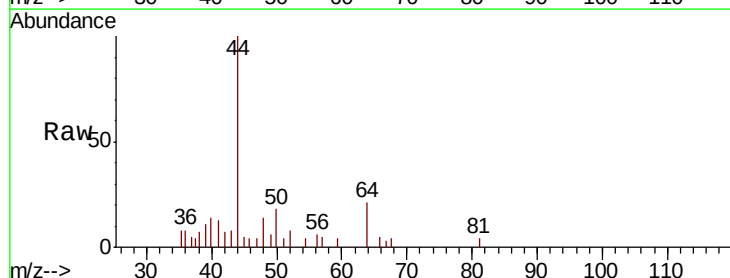
Acq: 09 Aug 2019 15:19

Tgt Ion: 50 Resp: 421

Ion Ratio Lower Upper

50 100

52 44.5 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

250

200

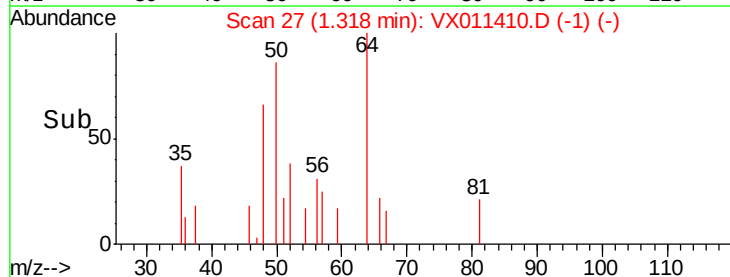
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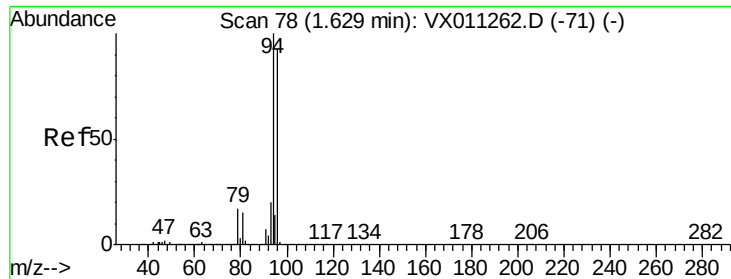
100

50

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.449 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

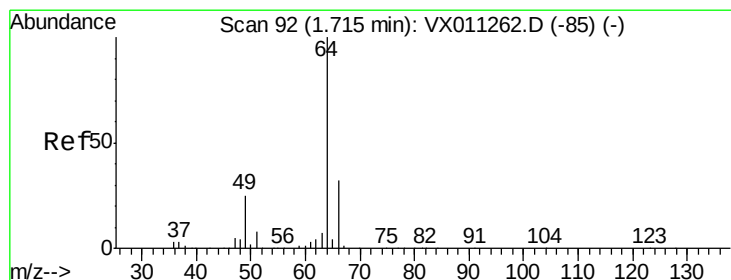
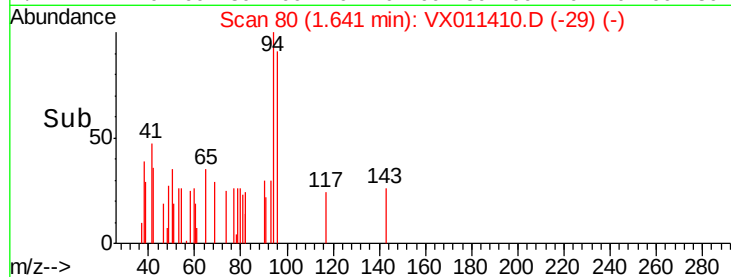
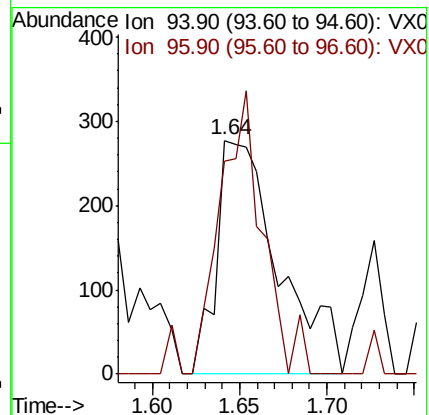
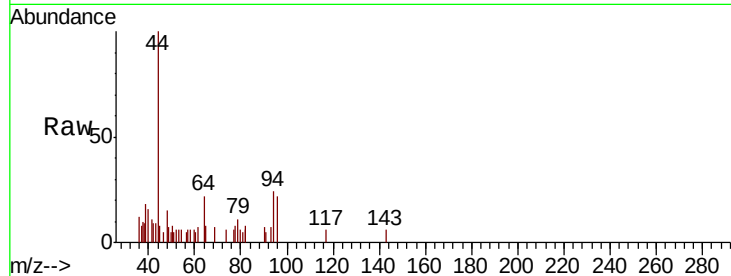
Z3-0672

Tgt Ion: 94 Resp: 689

Ion Ratio Lower Upper

94 100

96 91.0 74.6 112.0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011410.D

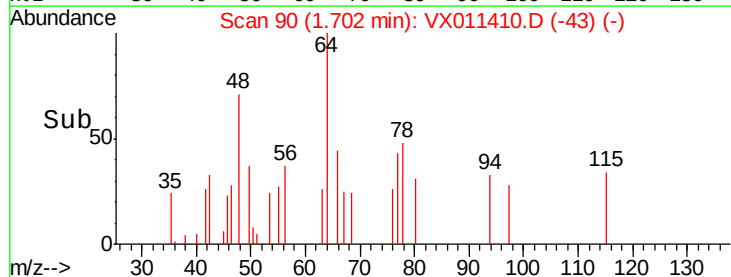
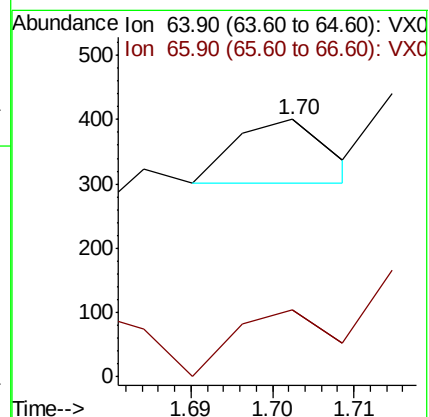
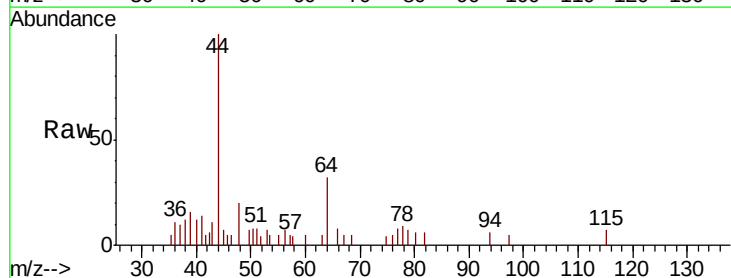
Acq: 09 Aug 2019 15:19

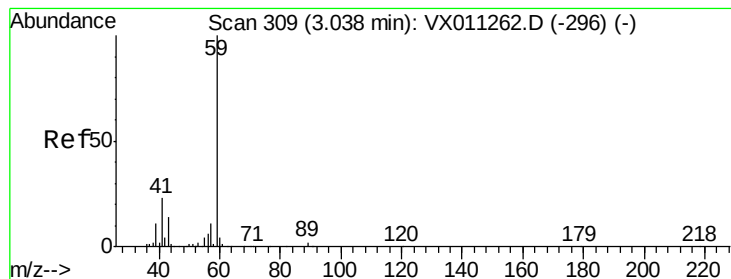
Tgt Ion: 64 Resp: 78

Ion Ratio Lower Upper

64 100

66 106.1 25.1 37.7#



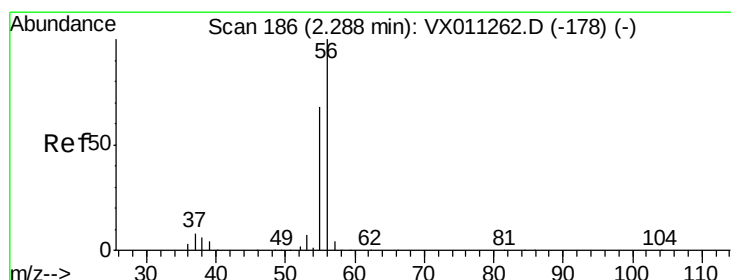
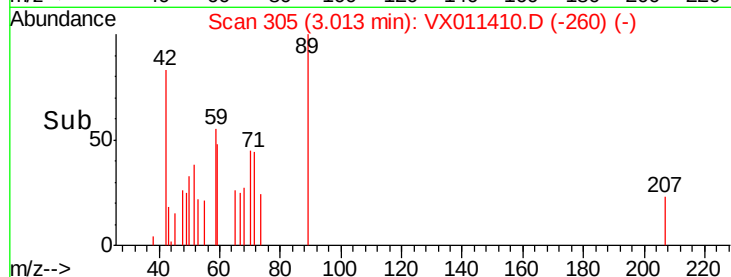
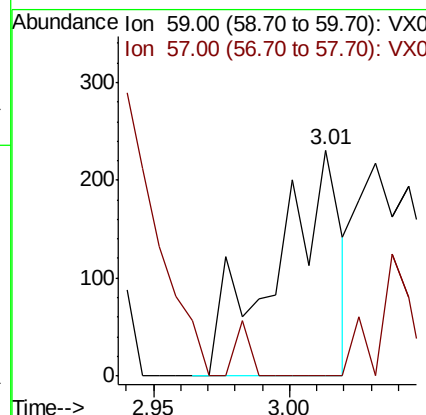
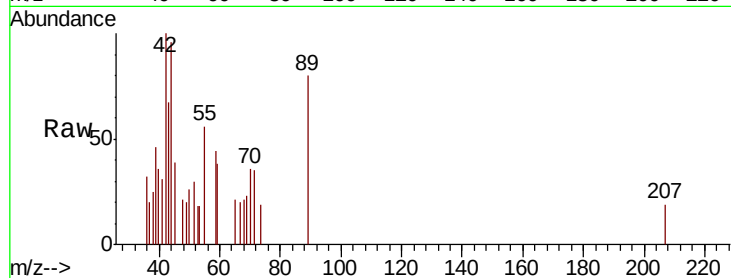


#11

Tert butyl alcohol
 Concen: 0.854 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.02 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0672

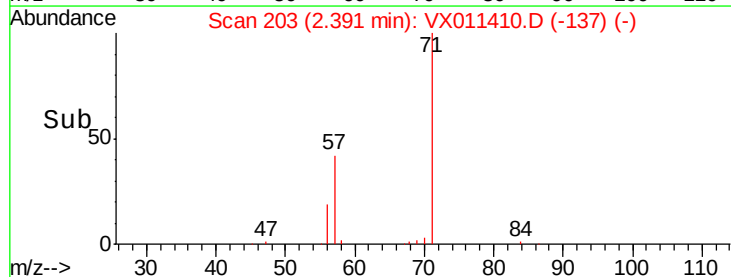
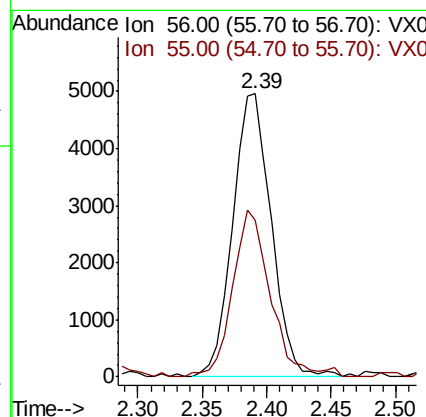
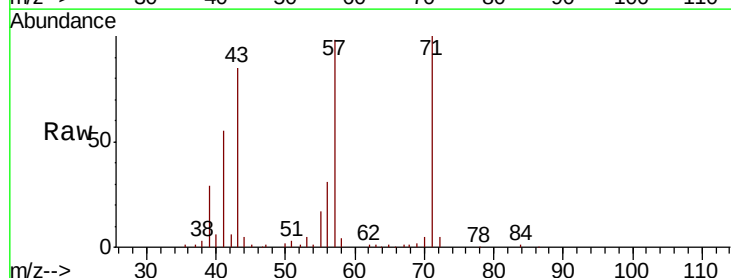
Tgt Ion: 59 Resp: 377
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

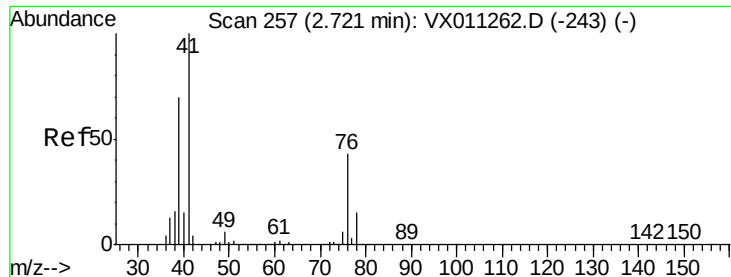


#13

Acrolein
 Concen: 36.384 ug/l
 RT: 2.39 min Scan# 203
 Delta R.T. 0.10 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Tgt Ion: 56 Resp: 10353
 Ion Ratio Lower Upper
 56 100
 55 57.0 56.0 84.0

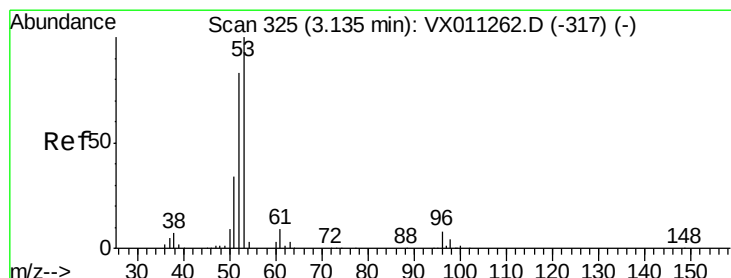
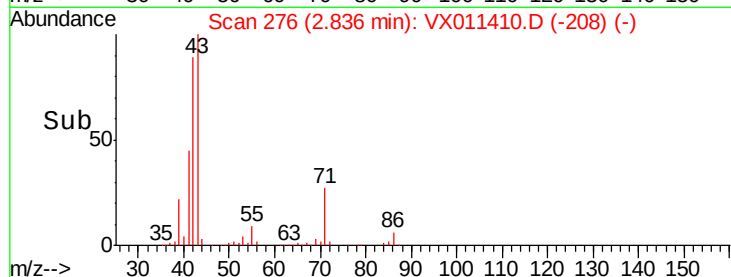
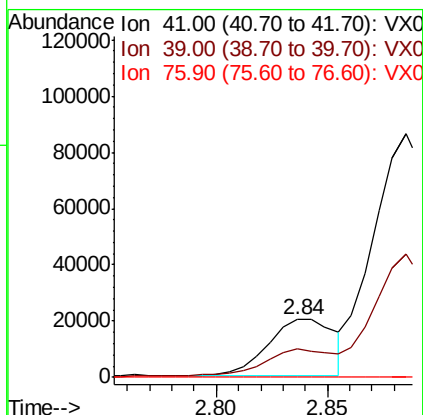
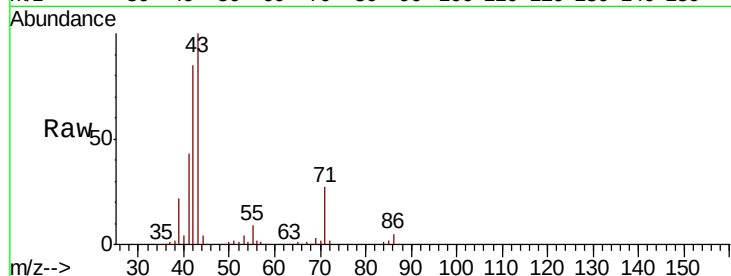




#14
 Allyl chloride
 Concen: 15.138 ug/l
 RT: 2.84 min Scan# 276
 Delta R.T. 0.12 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

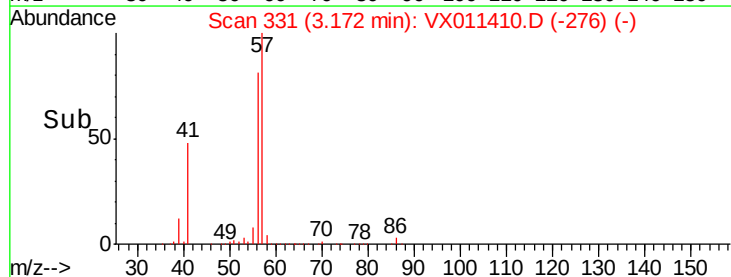
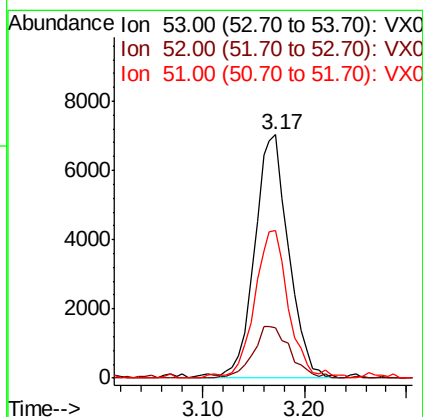
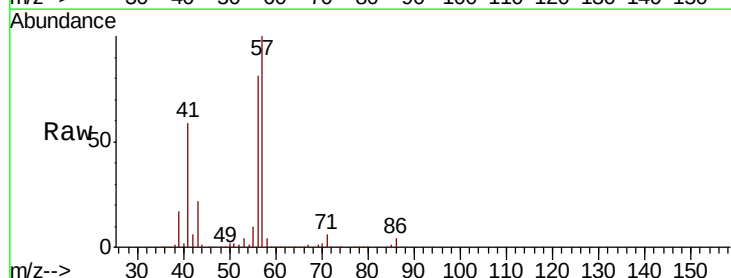
Instrument :
 MSVOA_X
 ClientSampled :
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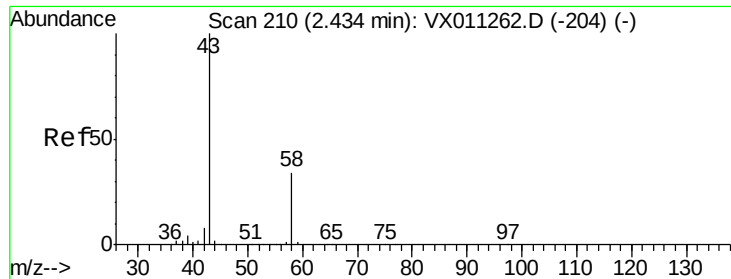
Tgt Ion: 41 Resp: 41456
 Ion Ratio Lower Upper
 41 100
 39 58.3 52.8 79.2
 76 0.1 31.1 46.7#



#15
 Acrylonitrile
 Concen: 15.130 ug/l
 RT: 3.17 min Scan# 331
 Delta R.T. 0.04 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Tgt Ion: 53 Resp: 16369
 Ion Ratio Lower Upper
 53 100
 52 23.0 65.5 98.3#
 51 60.5 27.9 41.9#





#16

Acetone

Concen: 6.919 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

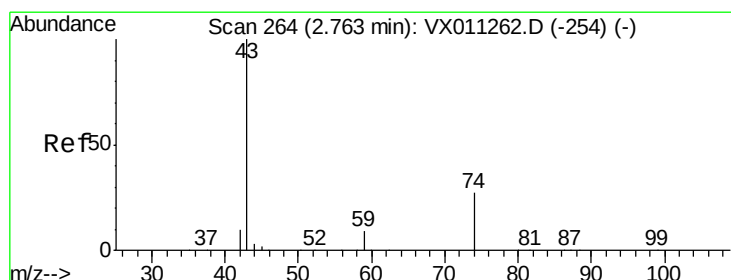
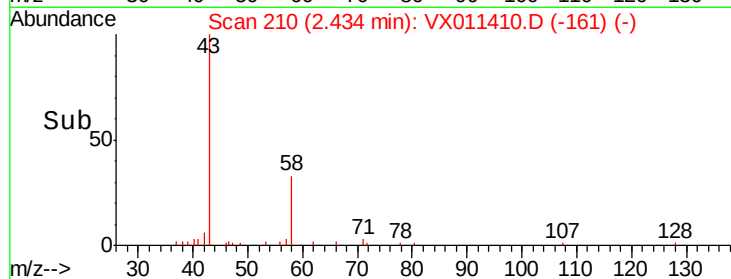
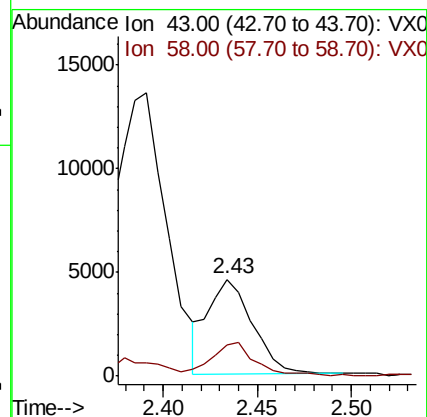
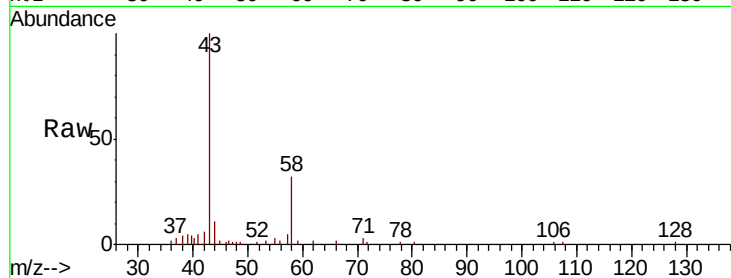
Z3-0672

Tgt Ion: 43 Resp: 7488

Ion Ratio Lower Upper

43 100

58 31.1 27.4 41.0



#18

Methyl Acetate

Concen: 40.217 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.08 min

Lab File: VX011410.D

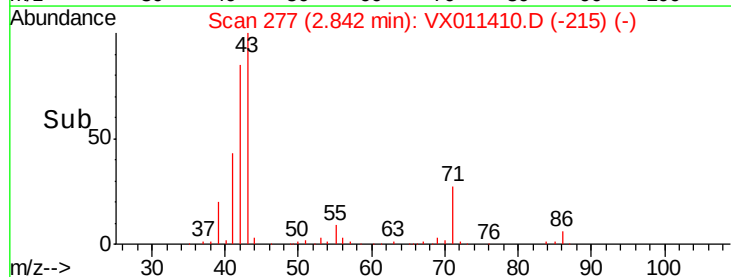
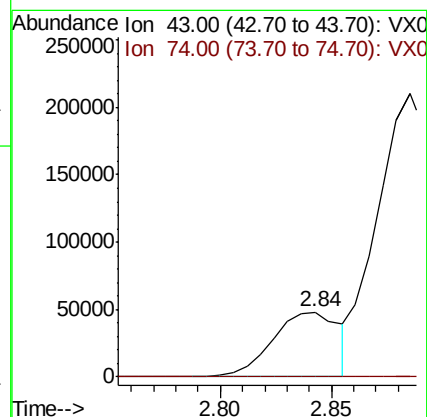
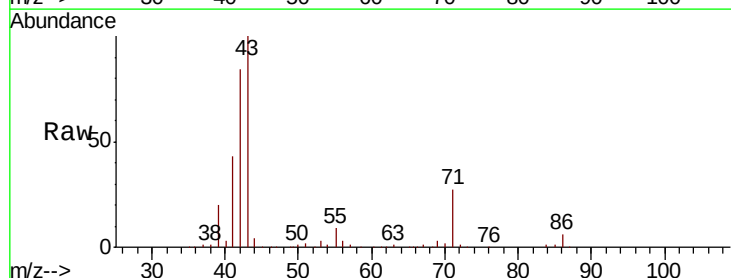
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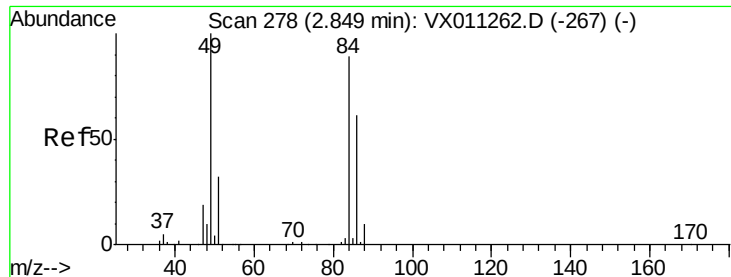
Tgt Ion: 43 Resp: 99462

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#

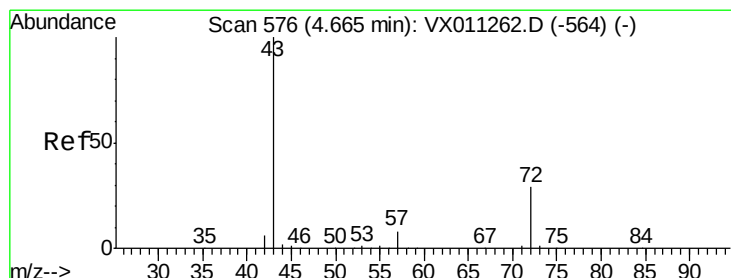
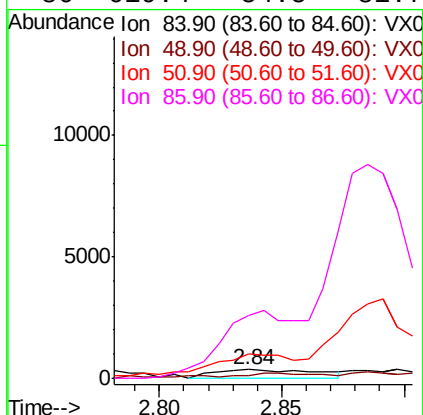
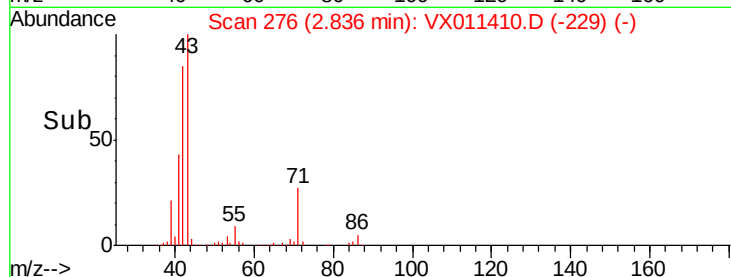
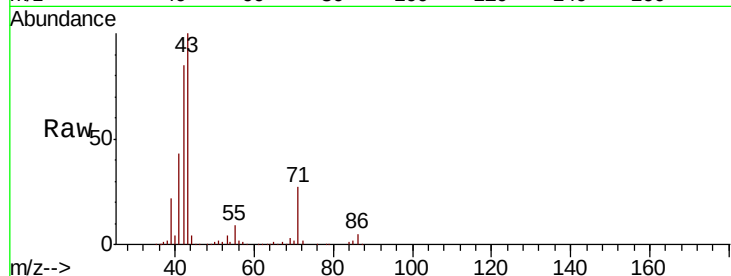




#20
Methylene Chloride
Concen: 0.424 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.01 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

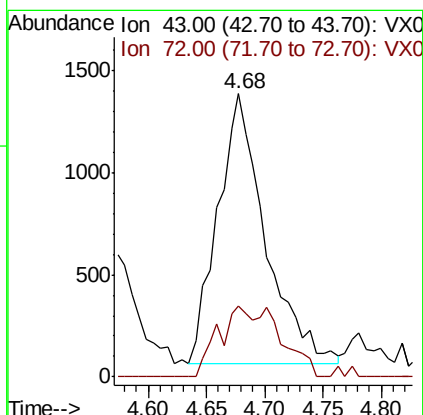
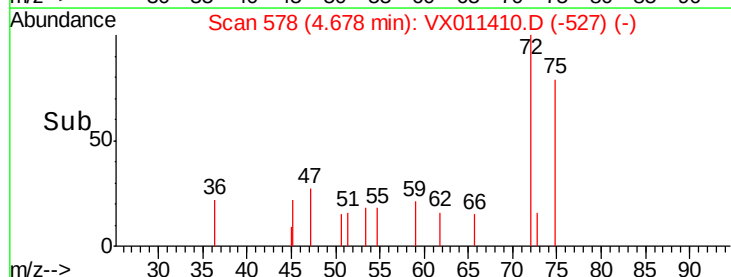
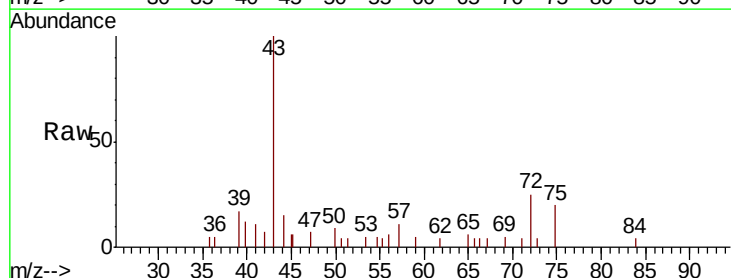
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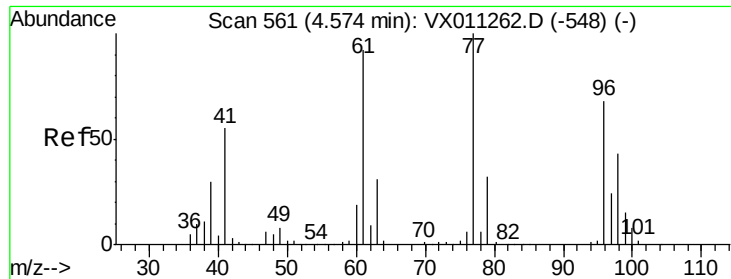
Tgt Ion:	84	Resp:	1004
Ion	Ratio	Lower	Upper
84	100		
49	4.6	89.3	133.9#
51	204.3	28.3	42.5#
86	619.4	54.5	81.7#



#25
2-Butanone
Concen: 2.428 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion:	43	Resp:	3738
Ion	Ratio	Lower	Upper
43	100		
72	30.3	23.2	34.8

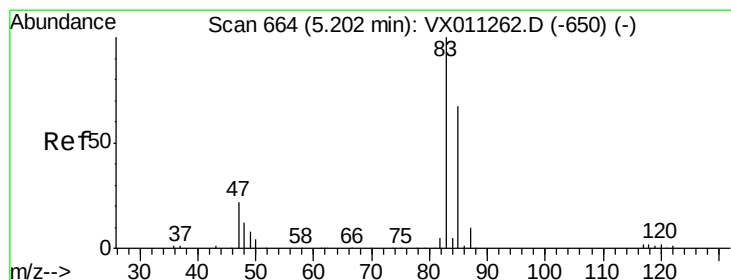
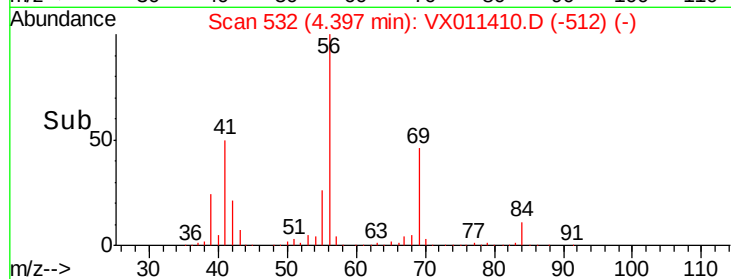
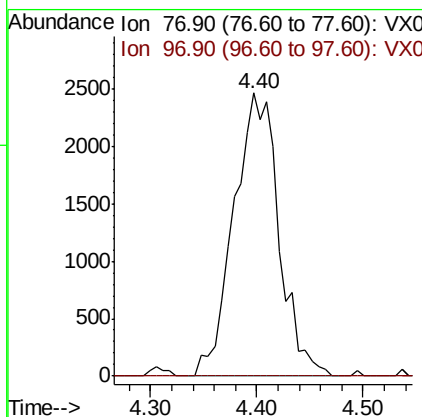
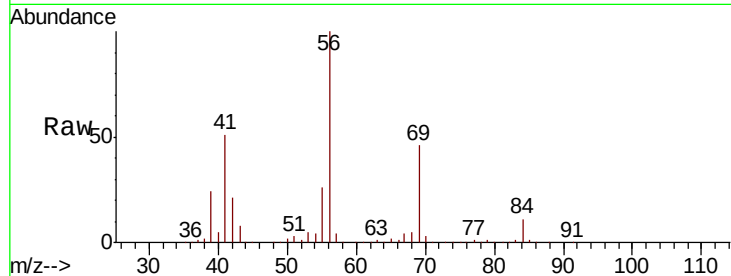




#26
 2,2-Dichloropropane
 Concen: 2.657 ug/l
 RT: 4.40 min Scan# 532
 Delta R.T. -0.18 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

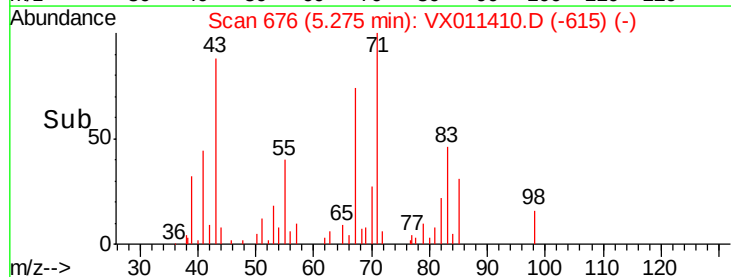
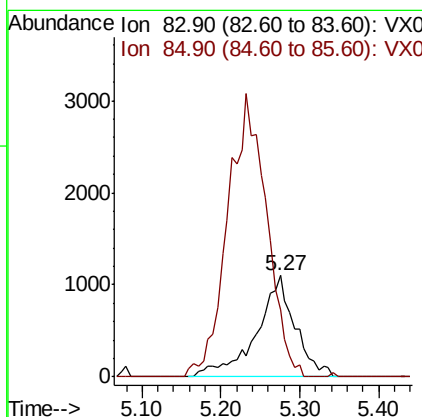
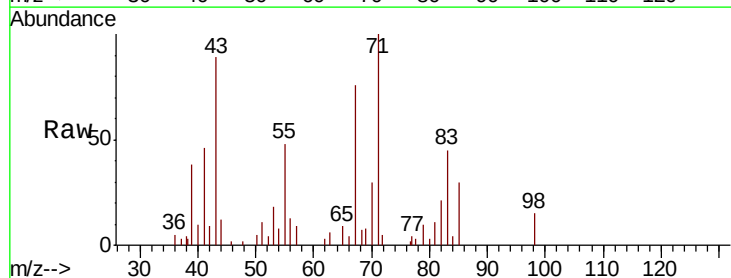
Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0672

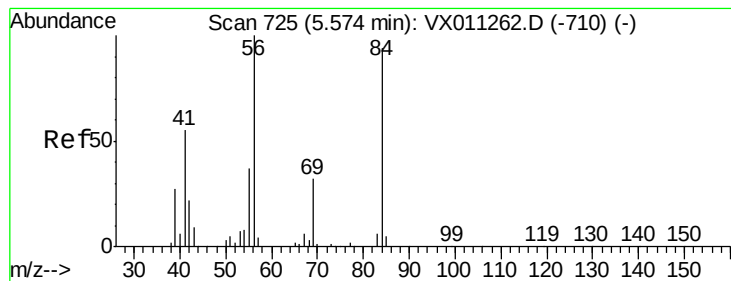
Tgt Ion: 77 Resp: 7331
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.8 38.4#



#30
 Chloroform
 Concen: 0.968 ug/l
 RT: 5.27 min Scan# 676
 Delta R.T. 0.07 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Tgt Ion: 83 Resp: 3732
 Ion Ratio Lower Upper
 83 100
 85 66.4 53.4 80.0





#31

Cyclohexane

Concen: 282.092 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

Z3-0672

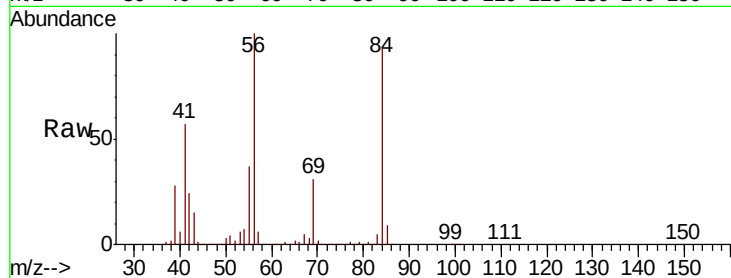
Tgt Ion: 56 Resp: 825953

Ion Ratio Lower Upper

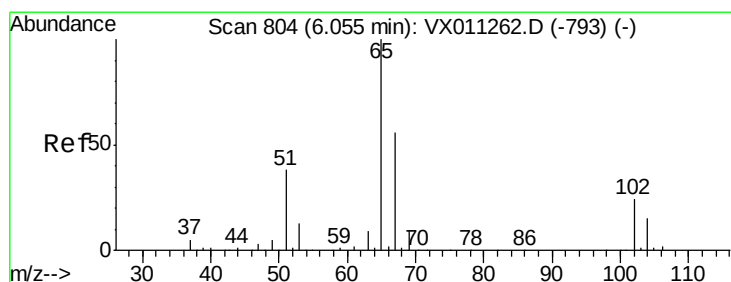
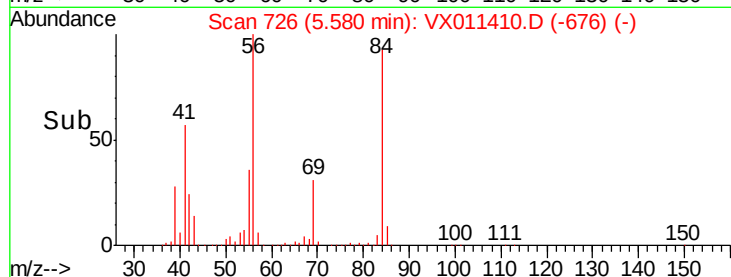
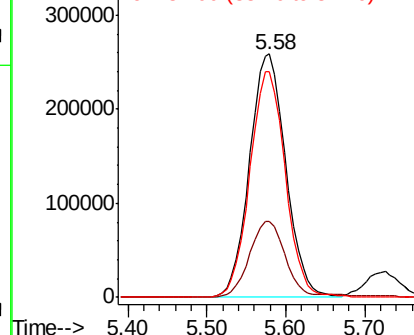
56 100

69 31.2 25.5 38.3

84 92.7 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.077 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011410.D

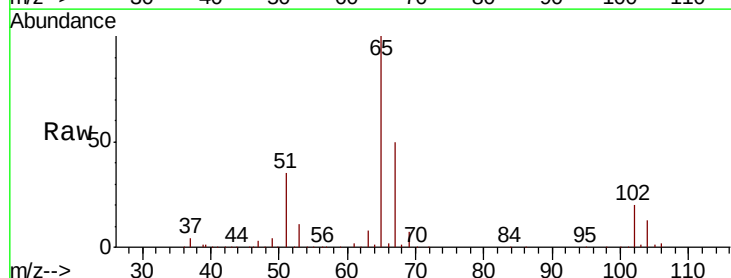
Acq: 09 Aug 2019 15:19

Tgt Ion: 65 Resp: 113857

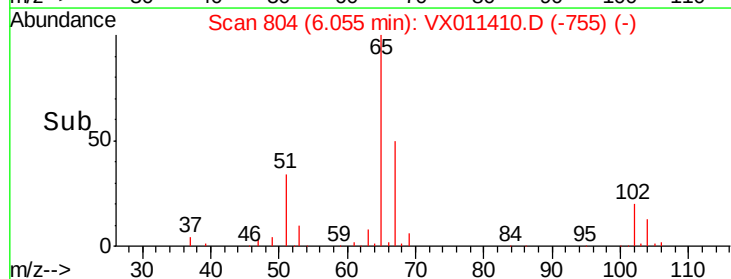
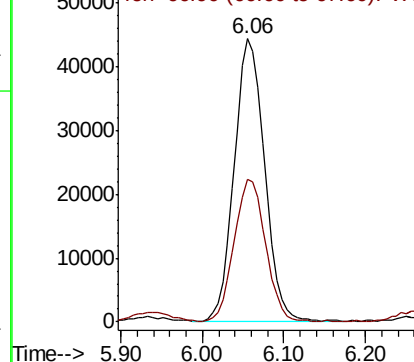
Ion Ratio Lower Upper

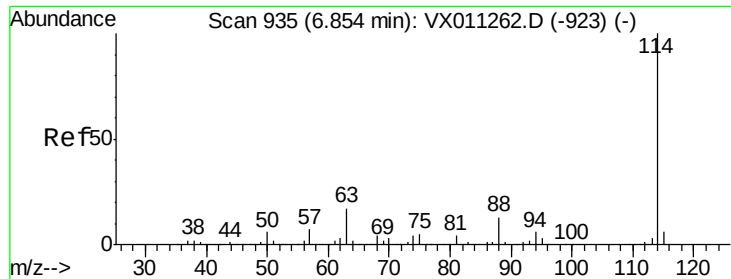
65 100

67 51.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

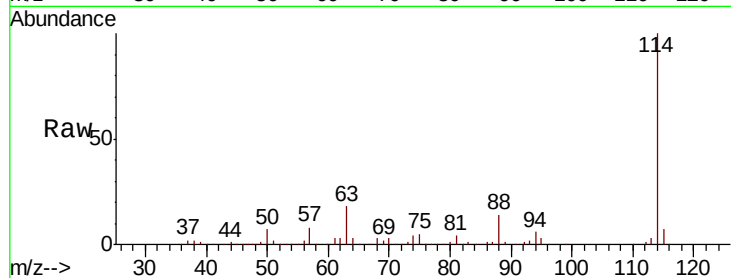




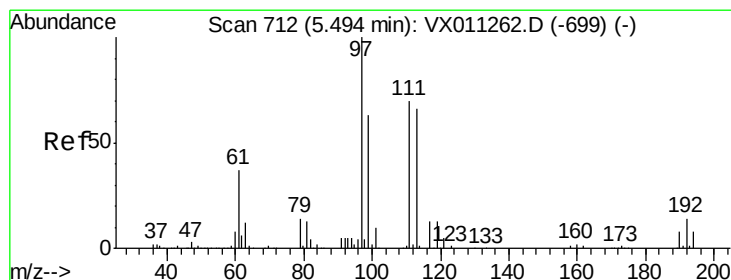
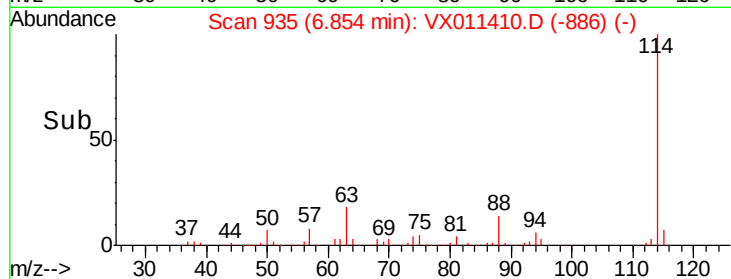
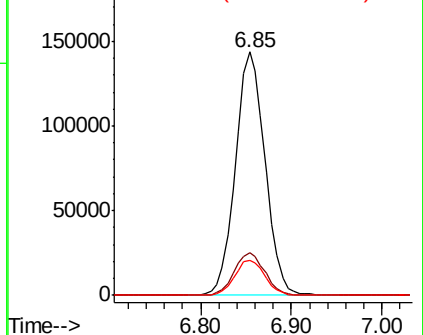
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672

Tgt Ion:114 Resp: 326549
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.0
 88 14.4 0.0 26.4

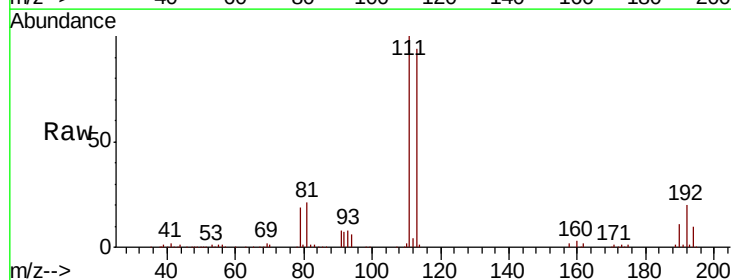


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

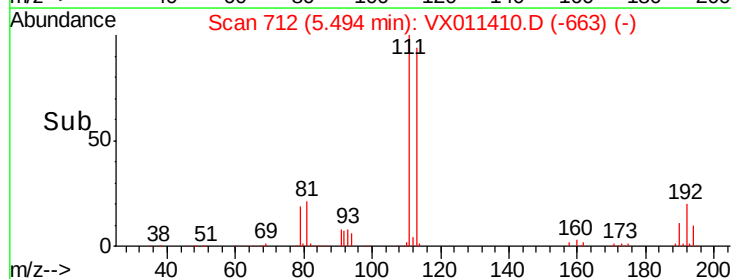
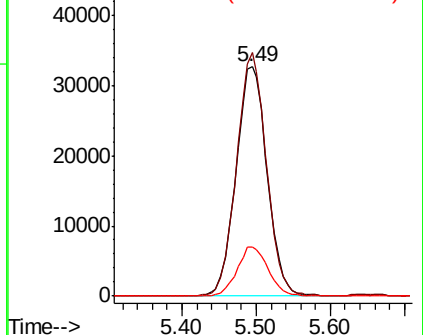


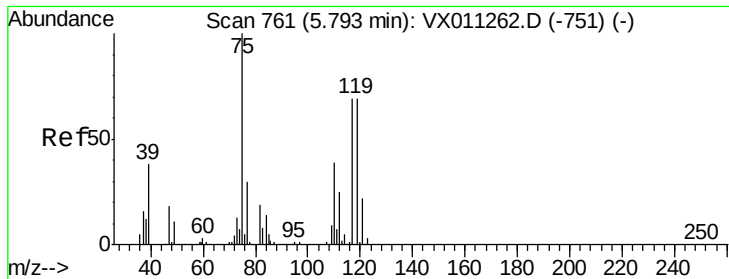
#35
 Dibromofluoromethane
 Concen: 44.965 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Tgt Ion:113 Resp: 95864
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 21.5 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

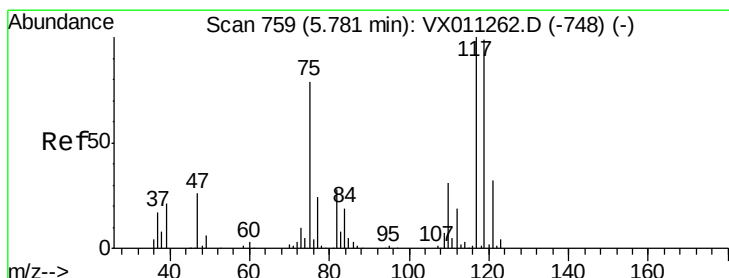
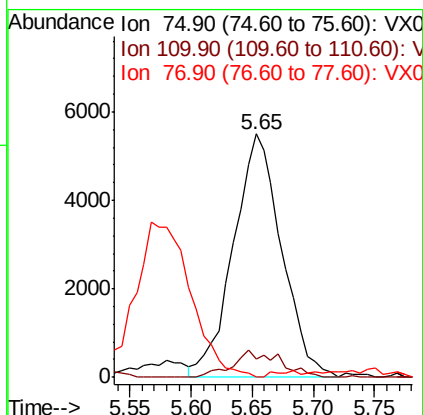
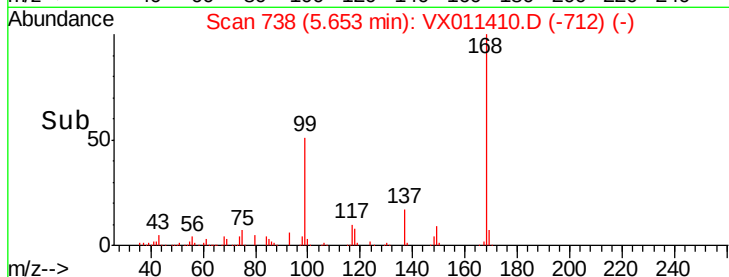
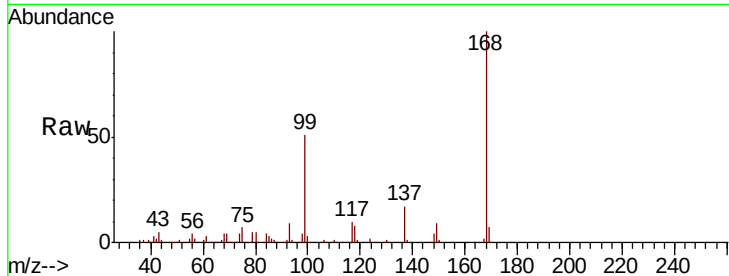




#36
 1,1-Dichloropropene
 Concen: 5.271 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

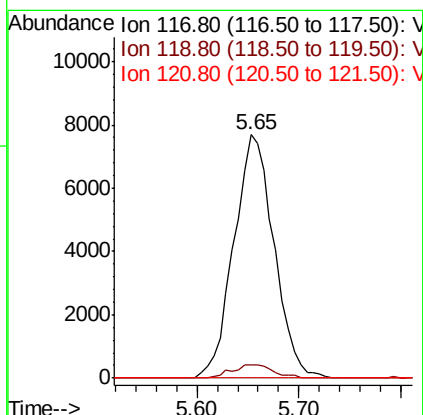
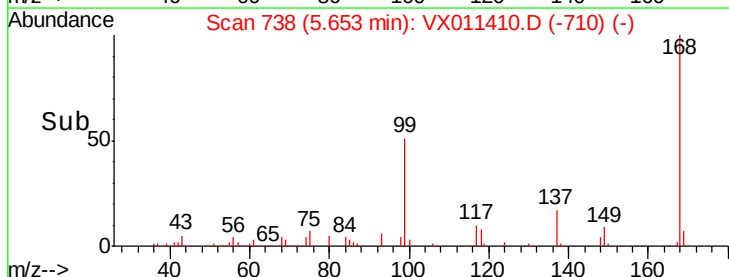
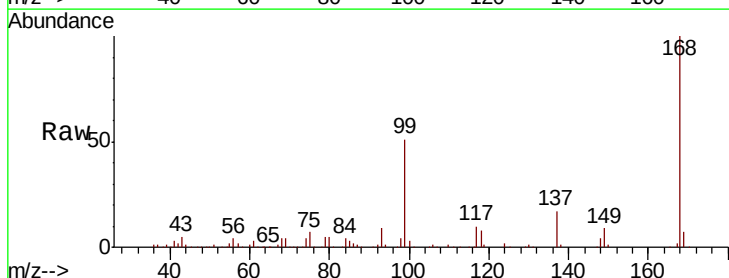
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672

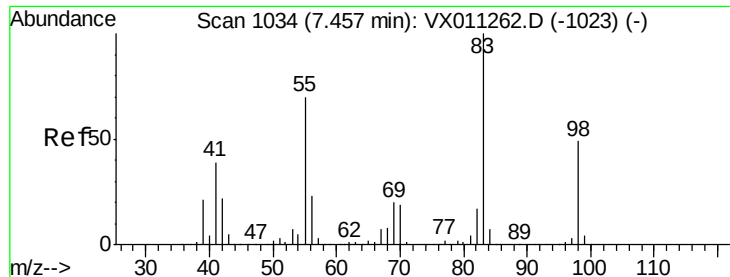
Tgt Ion: 75 Resp: 15029
 Ion Ratio Lower Upper
 75 100
 110 10.7 20.0 59.9#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.321 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Tgt Ion: 117 Resp: 20999
 Ion Ratio Lower Upper
 117 100
 119 5.3 79.0 118.4#
 121 0.0 25.9 38.9#

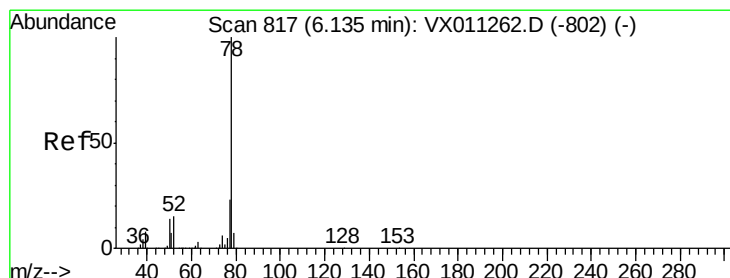
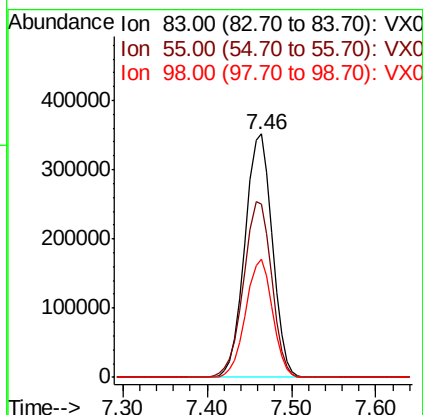
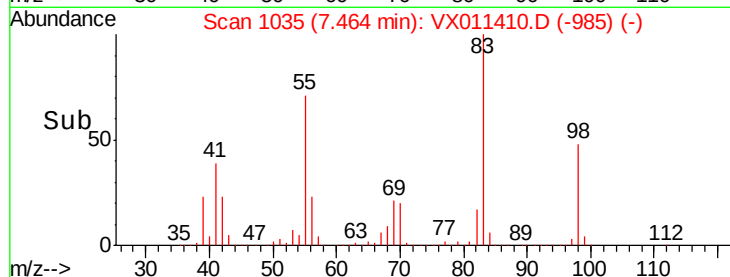
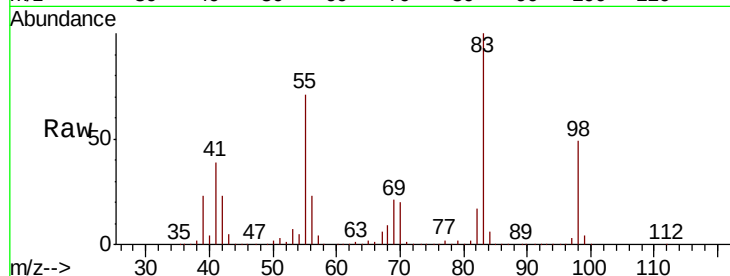




#39
Methylcyclohexane
Concen: 227.656 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

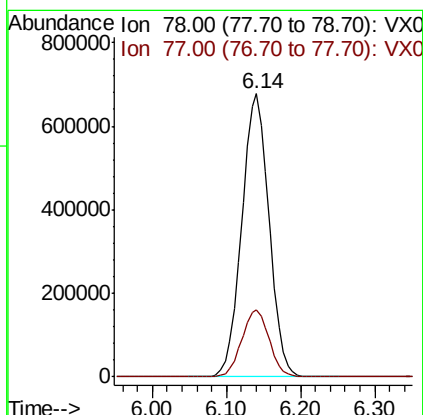
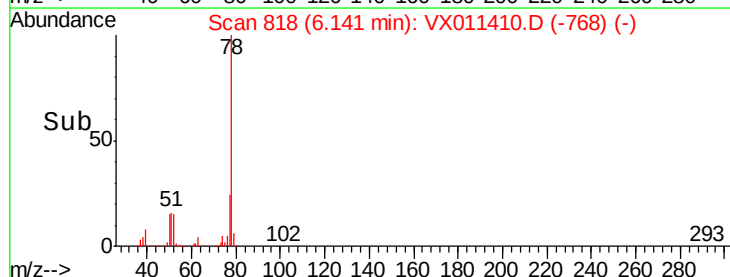
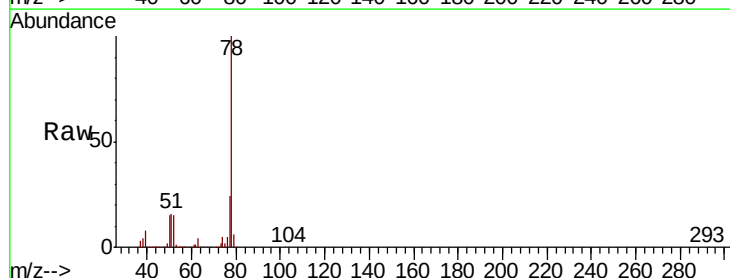
Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

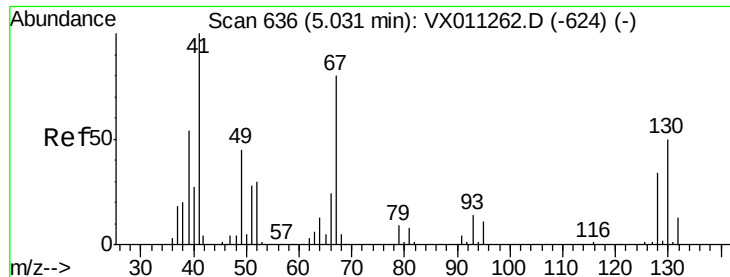
Tgt Ion: 83 Resp: 769361
Ion Ratio Lower Upper
83 100
55 71.0 56.1 84.1
98 48.6 39.0 58.4



#40
Benzene
Concen: 204.610 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion: 78 Resp: 1740791
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2

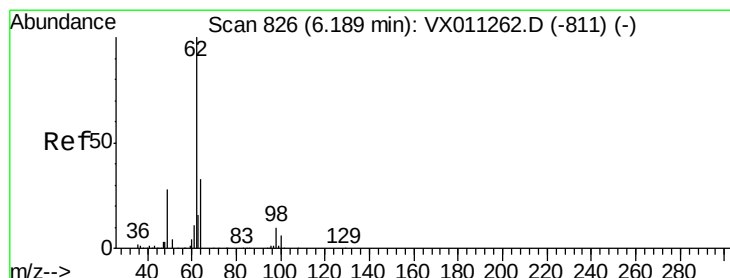
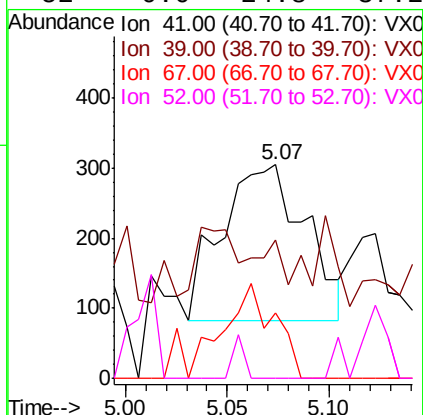
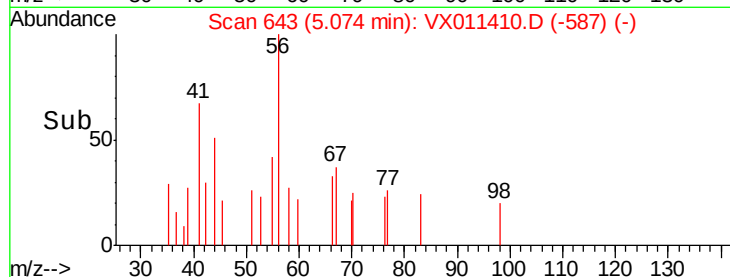
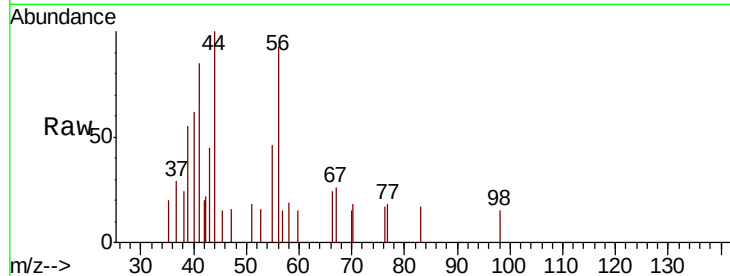




#41
Methacrylonitrile
Concen: 0.408 ug/l
RT: 5.07 min Scan# 643
Delta R.T. 0.04 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

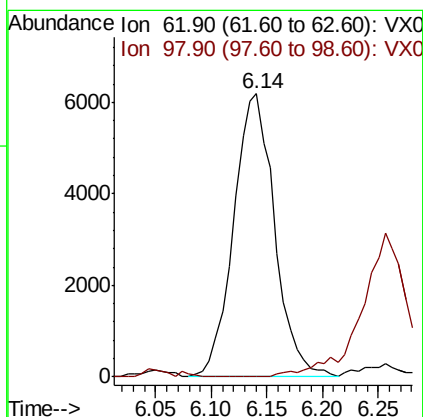
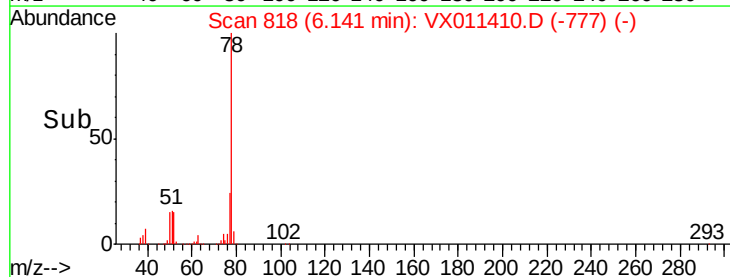
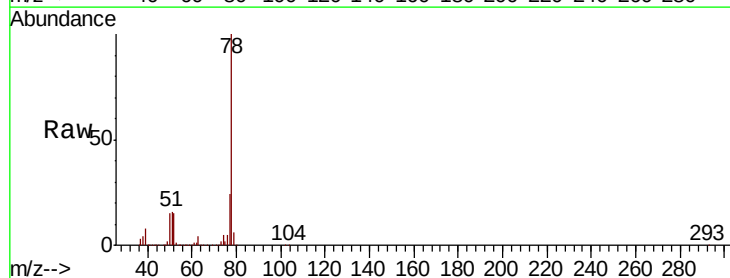
Instrument :
MSVOA_X
ClientSampled :
Z3-0672

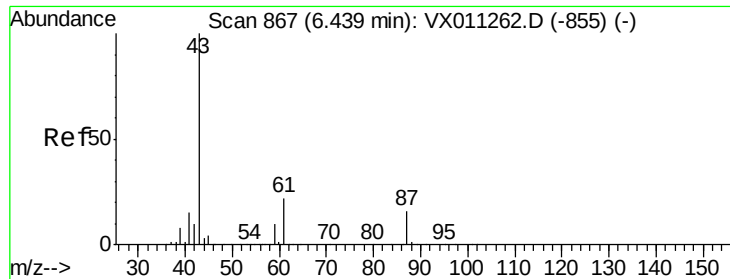
Tgt Ion:	41	Resp:	637
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.0	64.6#
67	0.0	65.1	97.7#
52	0.0	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 5.490 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.05 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion:	62	Resp:	15795
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 2.514 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

Z3-0672

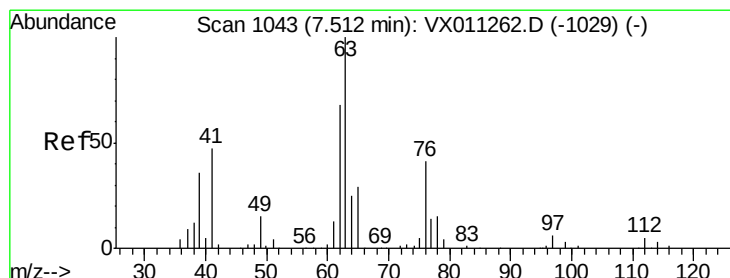
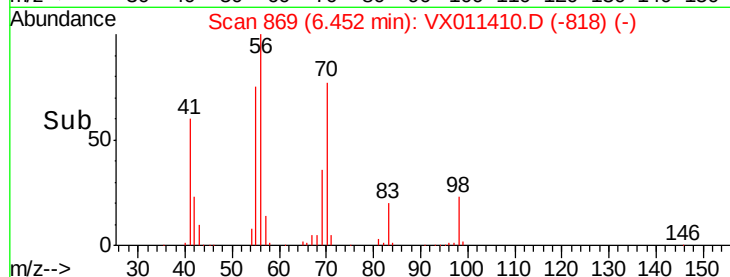
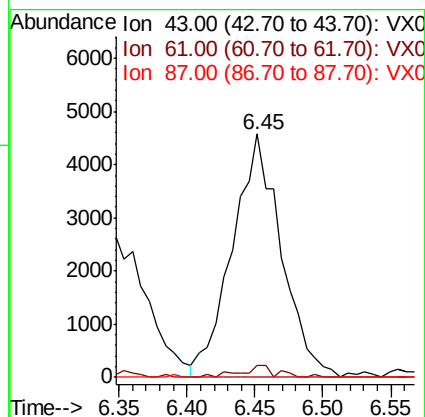
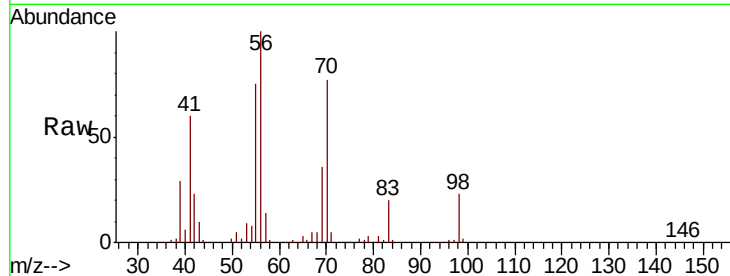
Tgt Ion: 43 Resp: 11495

Ion Ratio Lower Upper

43 100

61 3.3 16.5 24.7#

87 0.0 12.1 18.1#



#45

1,2-Dichloropropane

Concen: 3.400 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.05 min

Lab File: VX011410.D

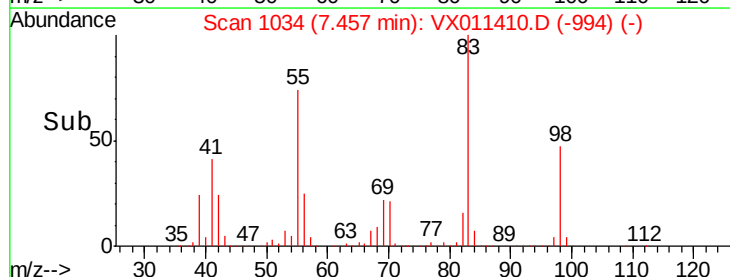
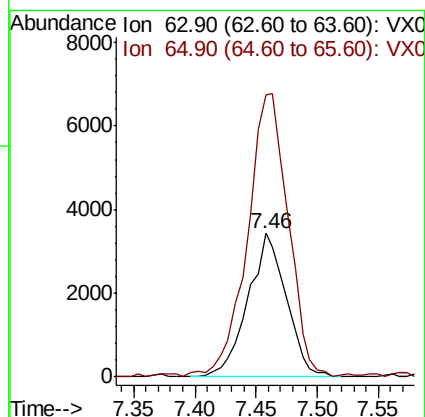
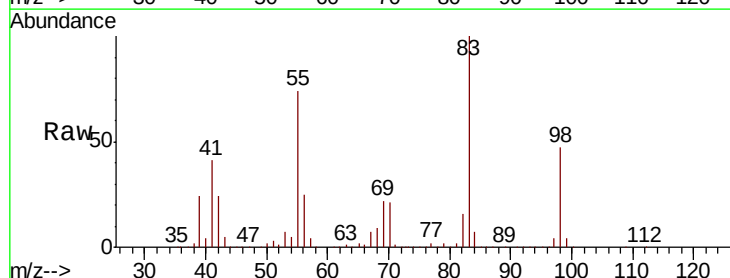
Acq: 09 Aug 2019 15:19

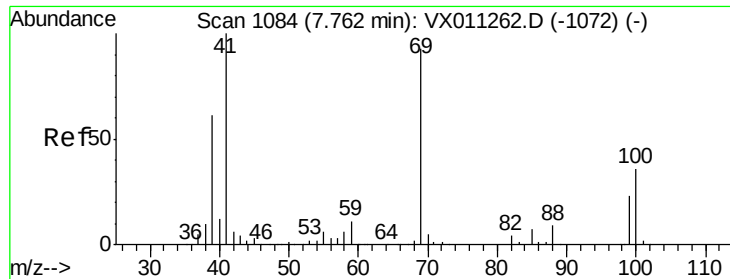
Tgt Ion: 63 Resp: 7492

Ion Ratio Lower Upper

63 100

65 194.8 23.3 34.9#

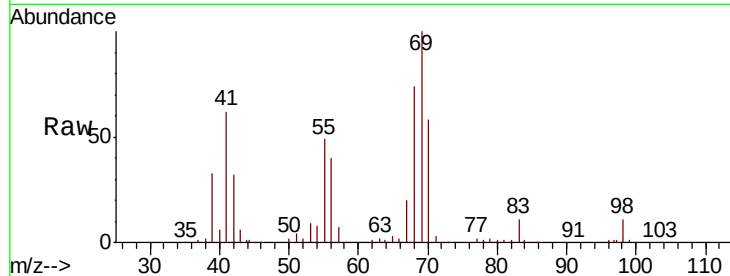




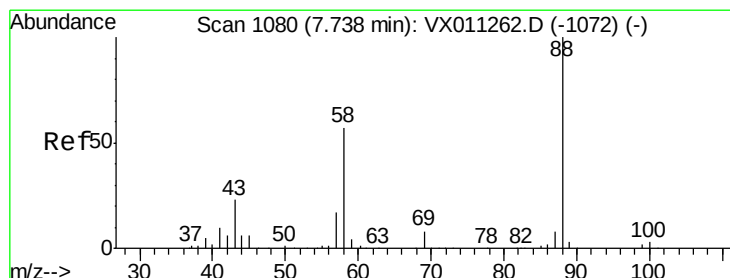
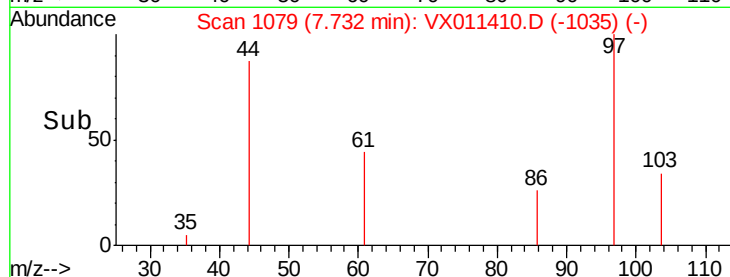
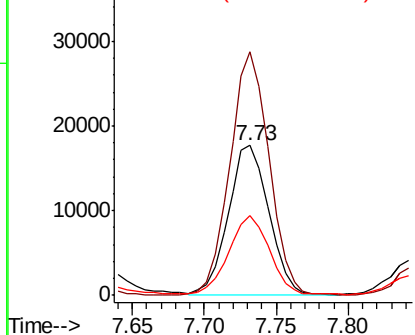
#48
Methyl methacrylate
Concen: 16.084 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.03 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

Tgt Ion: 41 Resp: 34608
Ion Ratio Lower Upper
41 100
69 157.9 74.5 111.7#
39 51.8 48.6 72.8

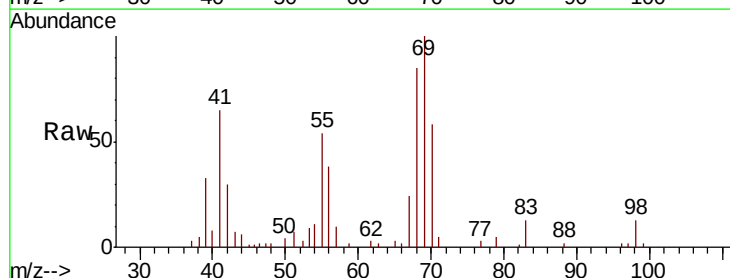


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

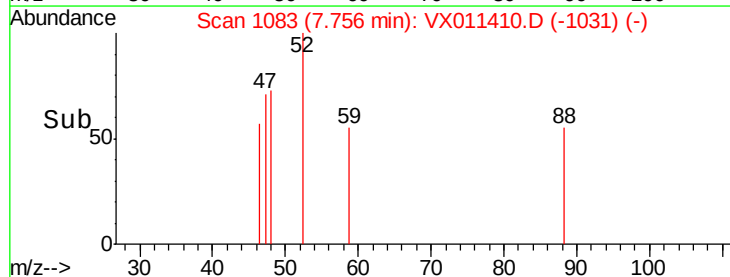
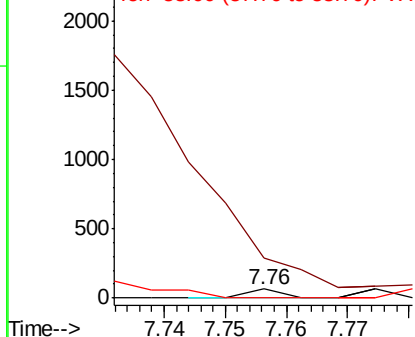


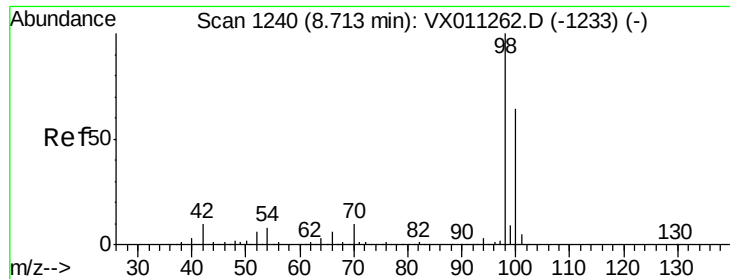
#49
1,4-Dioxane
Concen: 0.385 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.2#
58 0.0 47.8 71.8#



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

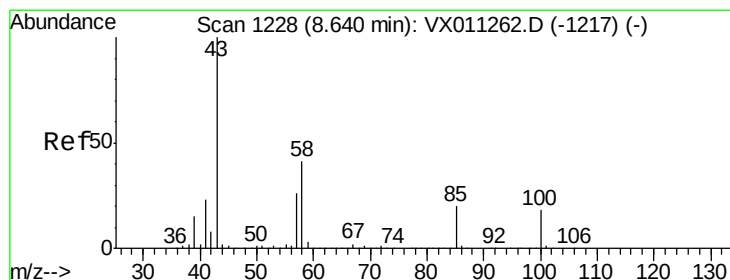
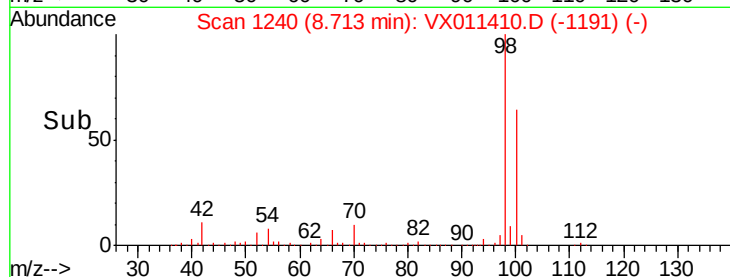
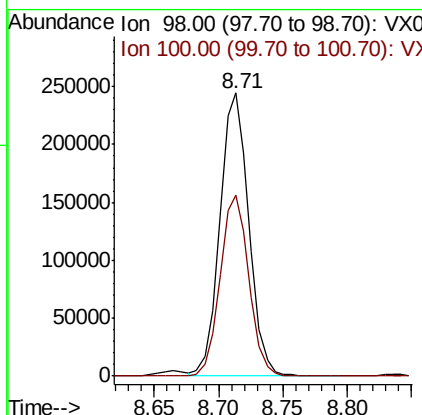
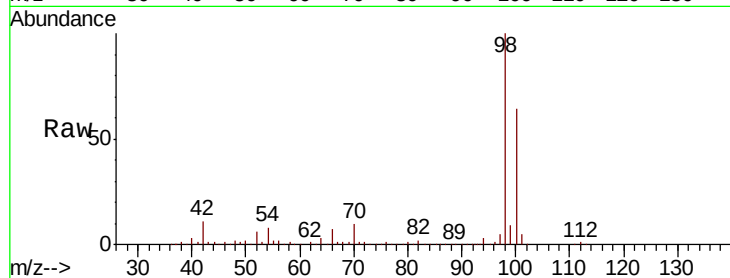




#50
Toluene-d8
Concen: 47.652 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

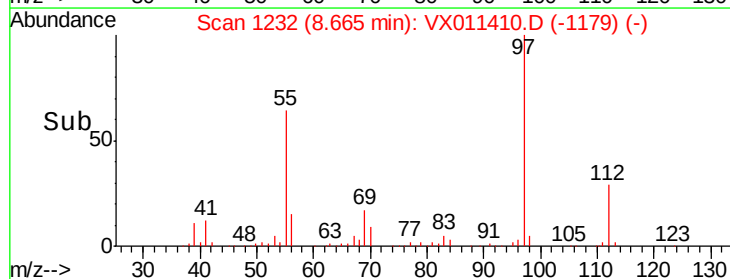
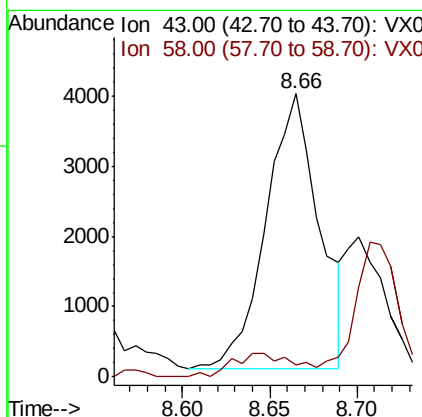
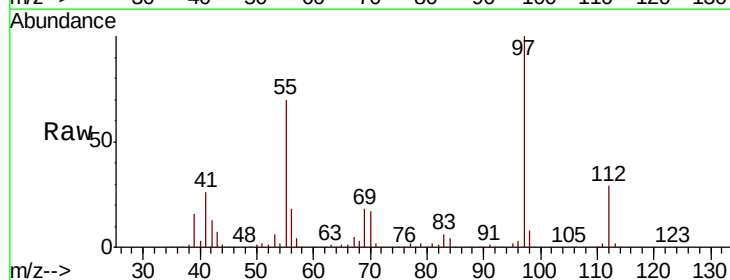
Instrument :
MSVOA_X
ClientSampled :
Z3-0672

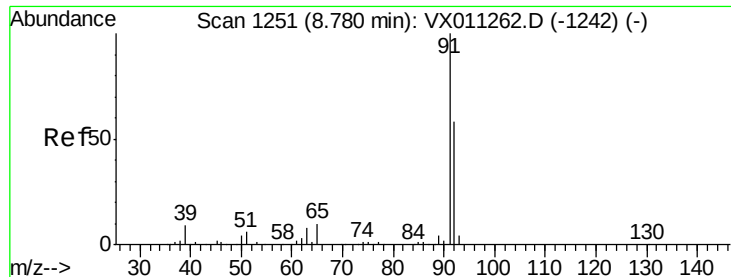
Tgt Ion: 98 Resp: 383483
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 2.815 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion: 43 Resp: 8307
Ion Ratio Lower Upper
43 100
58 0.0 32.3 48.5#





#52

Toluene

Concen: 1.150 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

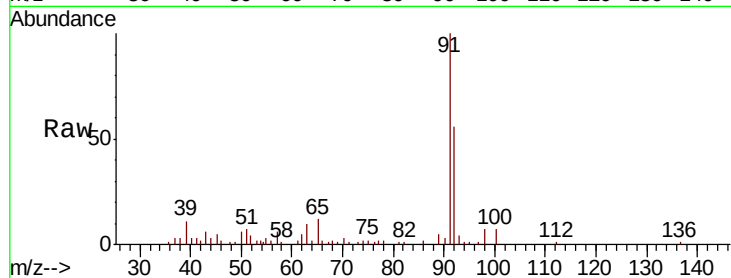
Z3-0672

Tgt Ion: 92 Resp: 6468

Ion Ratio Lower Upper

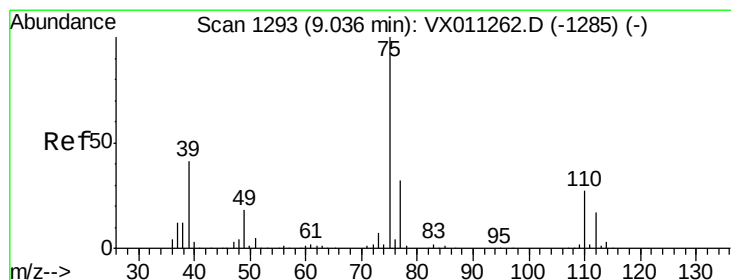
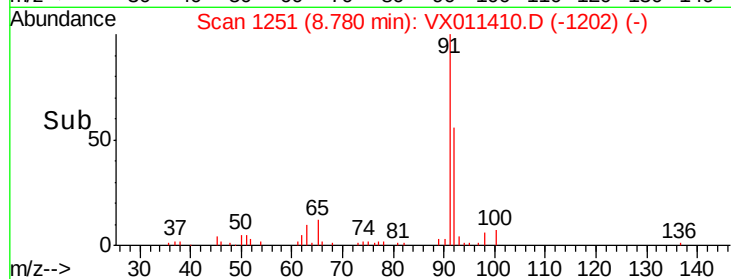
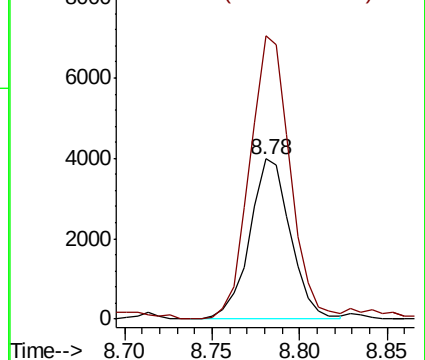
92 100

91 174.6 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.879 ug/l

RT: 9.05 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX011410.D

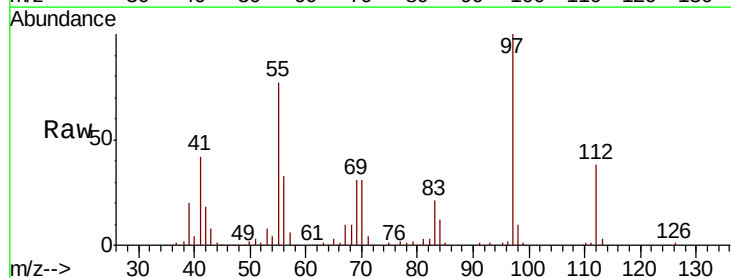
Acq: 09 Aug 2019 15:19

Tgt Ion: 75 Resp: 138

Ion Ratio Lower Upper

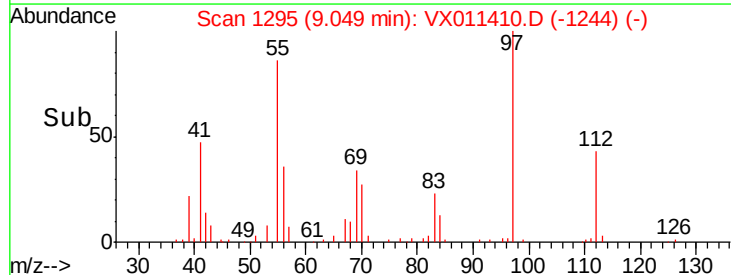
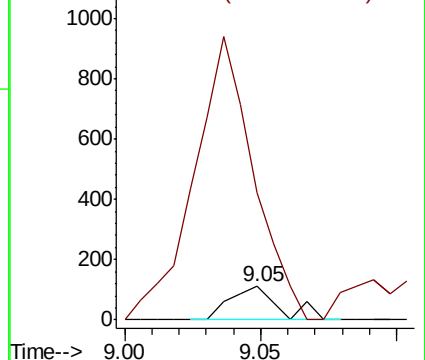
75 100

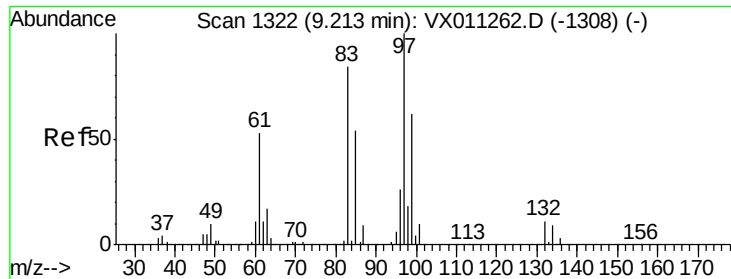
77 298.2 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

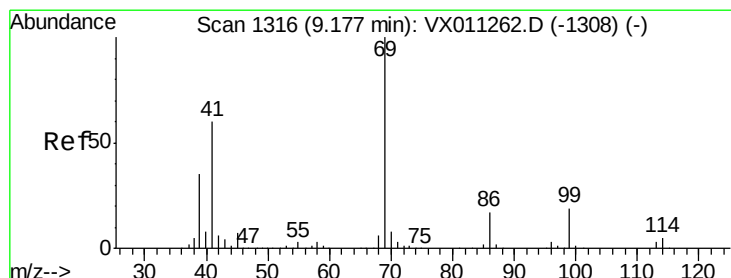
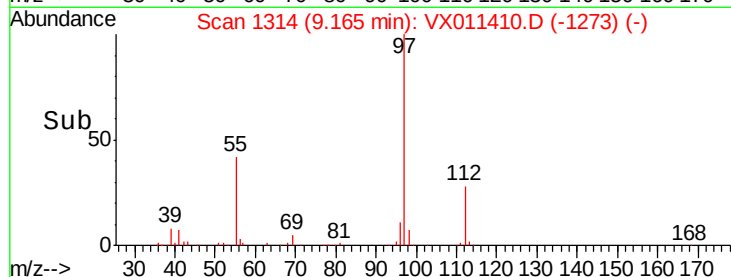
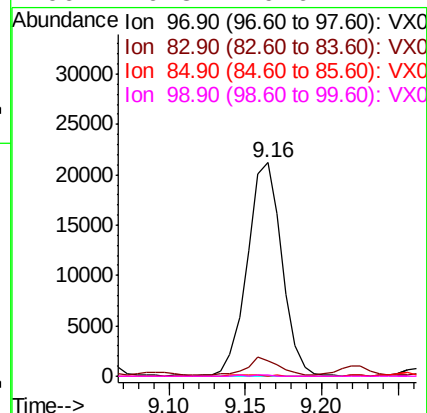
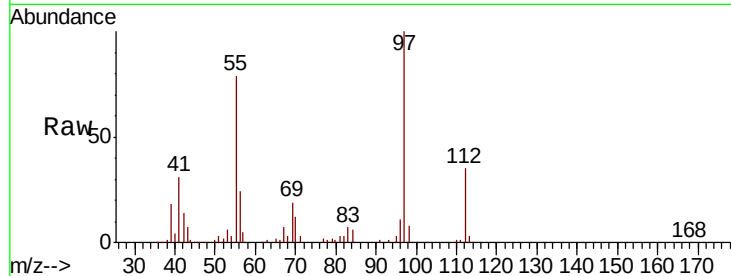




#55
 1,1,2-Trichloroethane
 Concen: 14.418 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

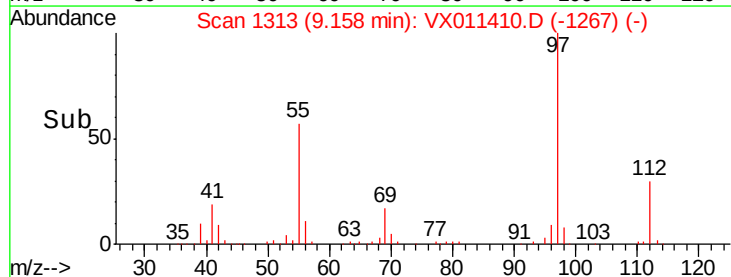
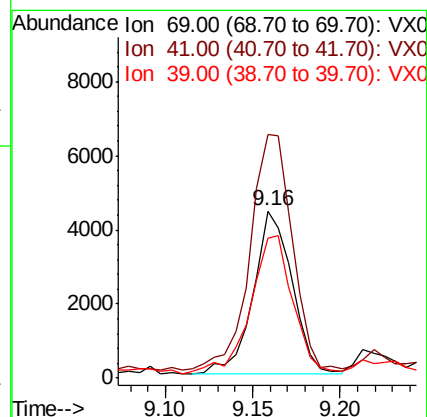
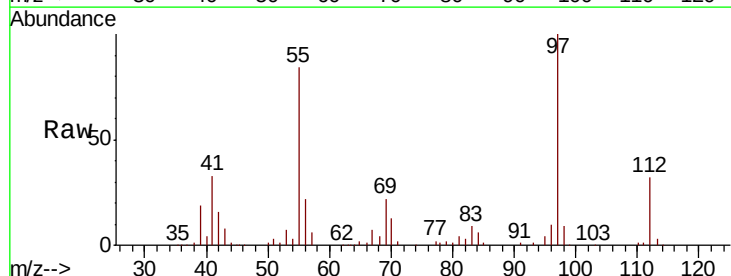
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672

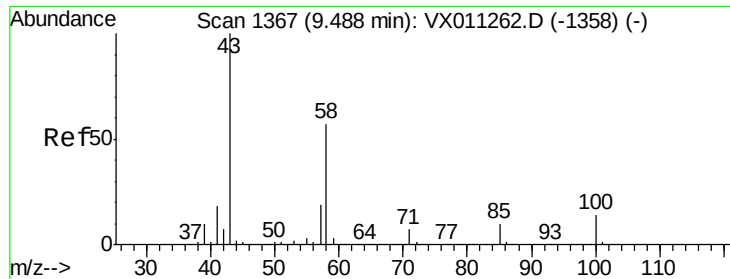
Tgt Ion:	97	Resp:	33346
Ion	Ratio	Lower	Upper
97	100		
83	6.9	67.6	101.4#
85	0.0	43.4	65.0#
99	0.3	49.6	74.4#



#56
 Ethyl methacrylate
 Concen: 2.063 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Tgt Ion:	69	Resp:	6799
Ion	Ratio	Lower	Upper
69	100		
41	157.0	48.6	73.0#
39	90.7	29.4	44.2#

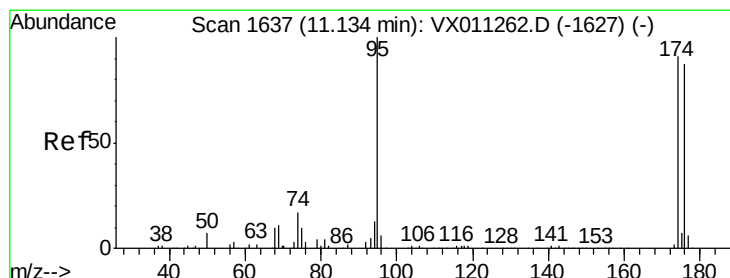
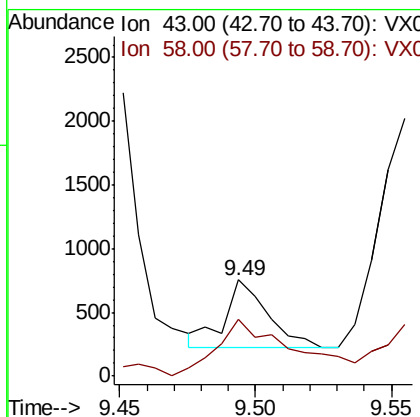
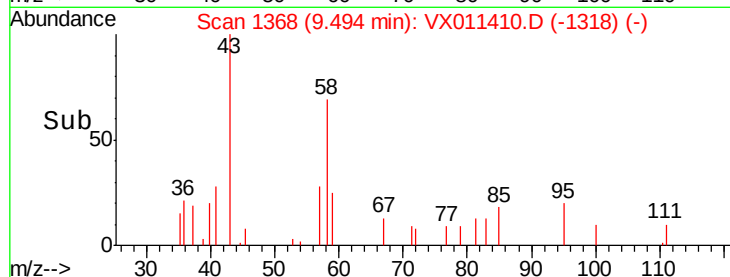
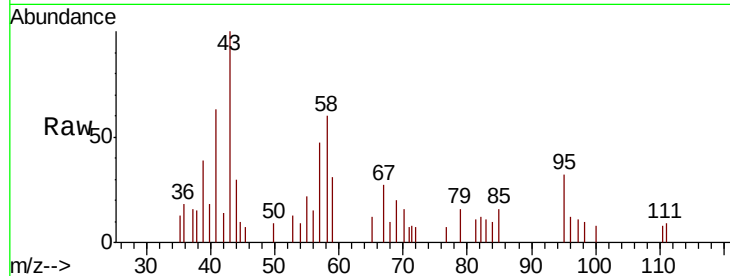




#59
2-Hexanone
Concen: 0.254 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

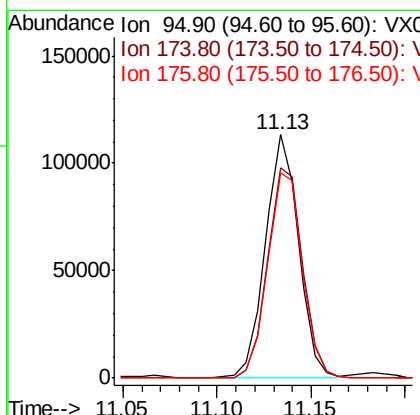
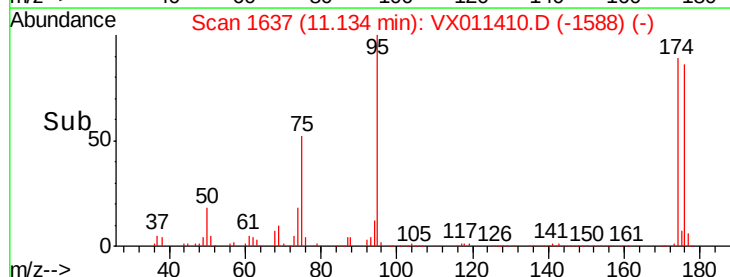
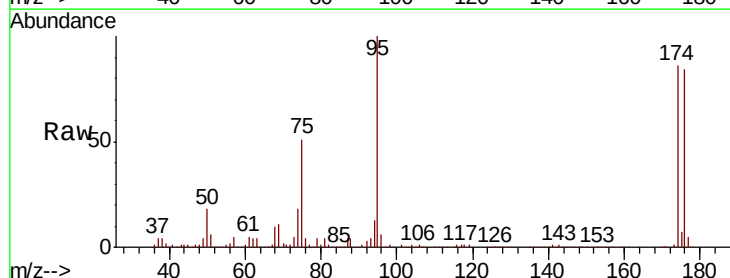
Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

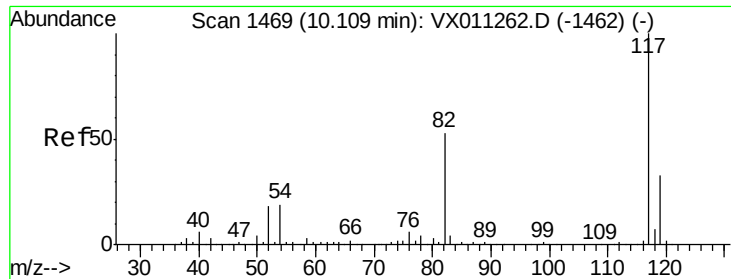
Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
58 150.4 28.2 84.6#



#62
4-Bromofluorobenzene
Concen: 48.146 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion: 95 Resp: 138334
Ion Ratio Lower Upper
95 100
174 91.2 0.0 191.2
176 88.7 0.0 184.8

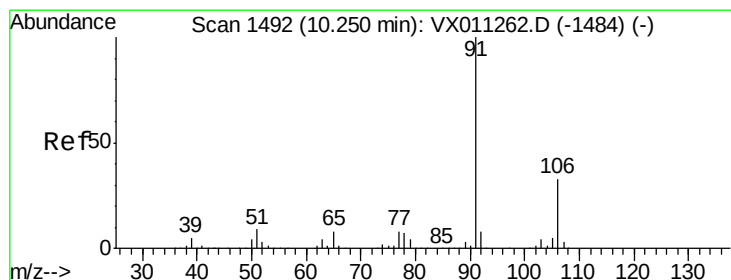
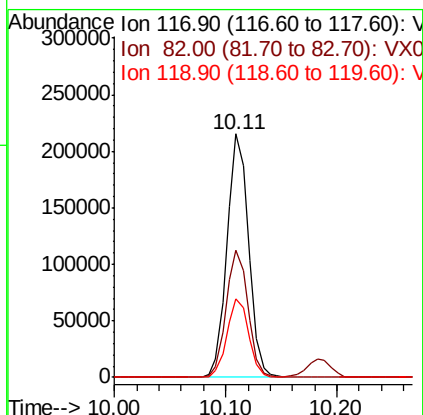
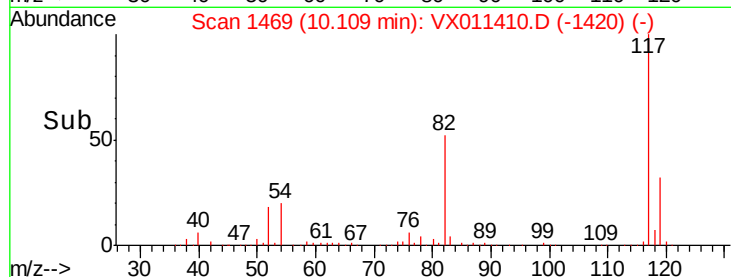
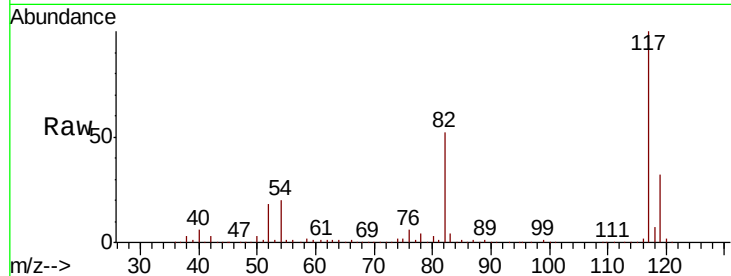




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

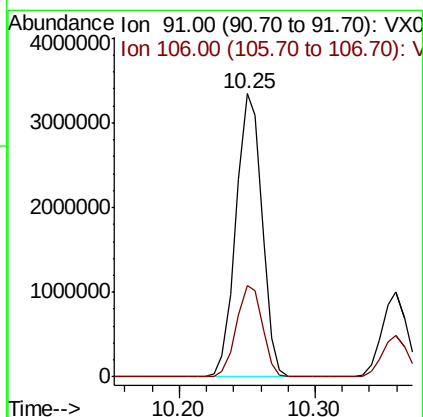
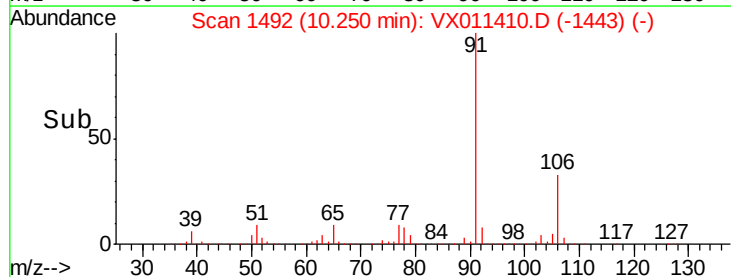
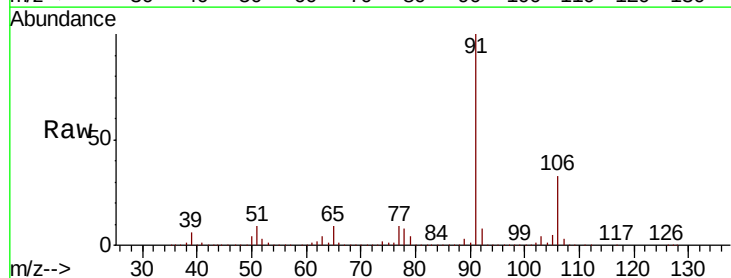
Instrument :
MSVOA_X
ClientSampled :
Z3-0672

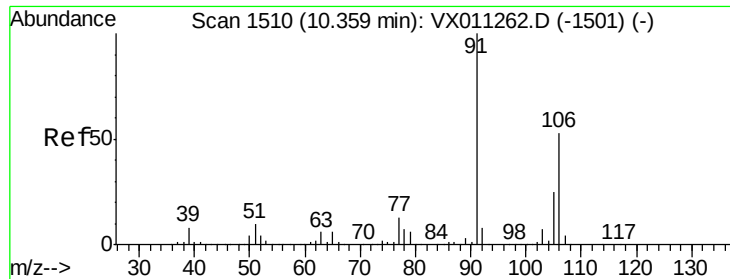
Tgt Ion: 117 Resp: 290191
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 32.1 26.6 39.8



#67
Ethyl Benzene
Concen: 427.323 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion: 91 Resp: 4452880
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.4

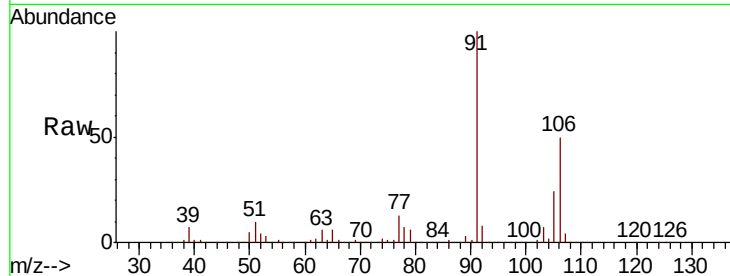




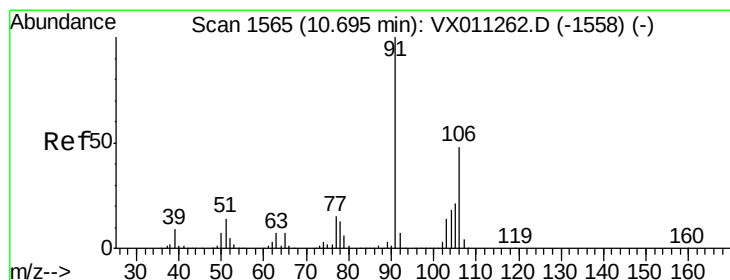
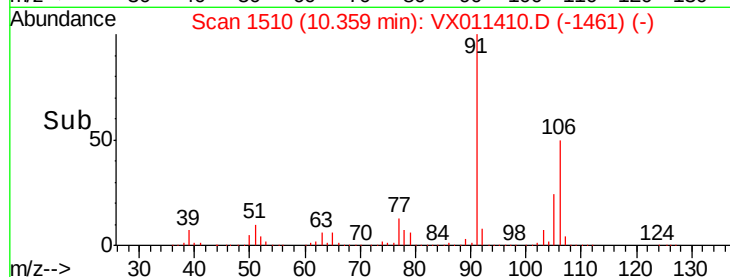
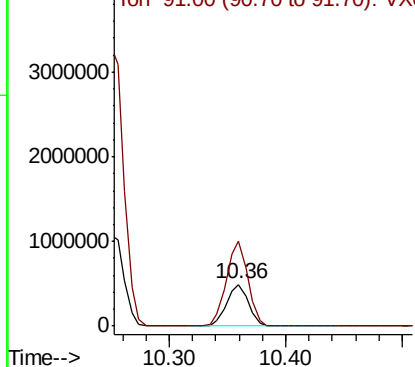
#68
m/p-Xylenes
Concen: 157.480 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

Tgt Ion:106 Resp: 634738
Ion Ratio Lower Upper
106 100
91 202.1 155.9 233.9

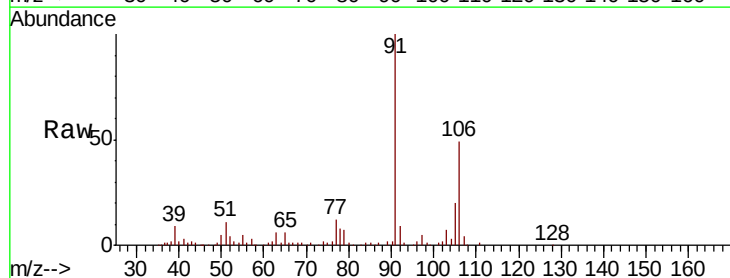


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

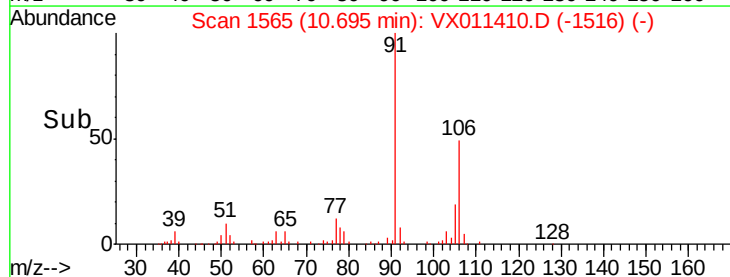
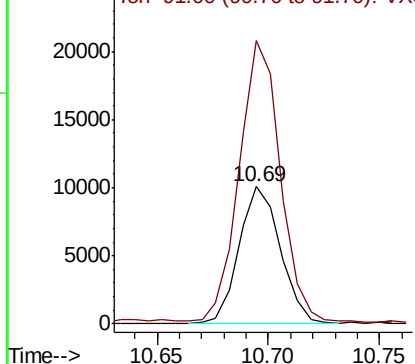


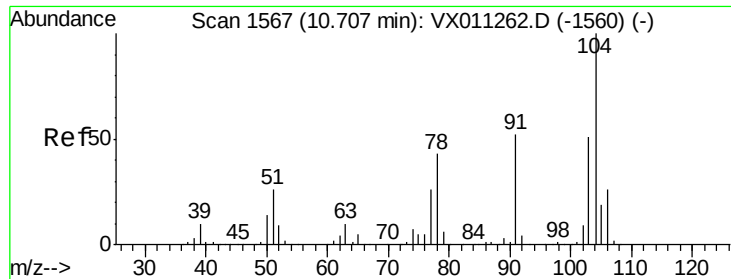
#69
o-Xylene
Concen: 3.301 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion:106 Resp: 13072
Ion Ratio Lower Upper
106 100
91 202.9 103.8 311.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 0.326 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

Z3-0672

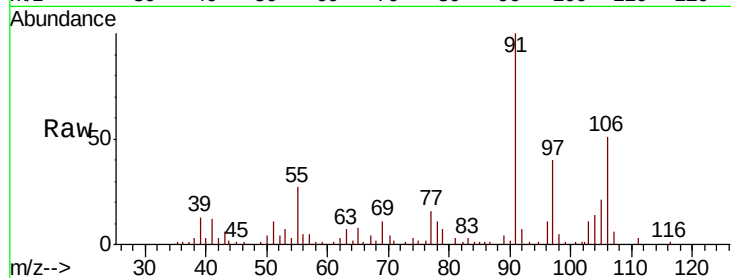
Tgt Ion:104 Resp: 2139

Ion Ratio Lower Upper

104 100

78 128.1 36.9 55.3#

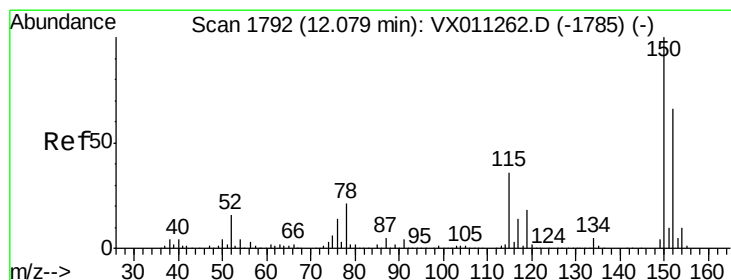
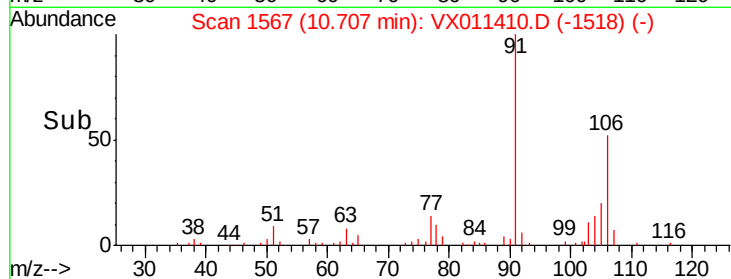
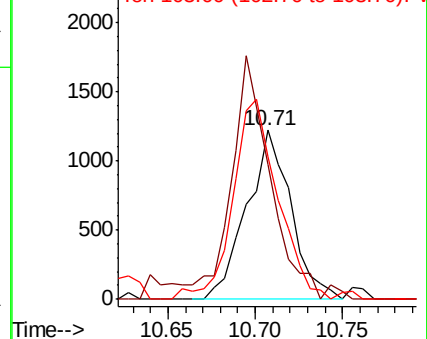
103 120.8 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

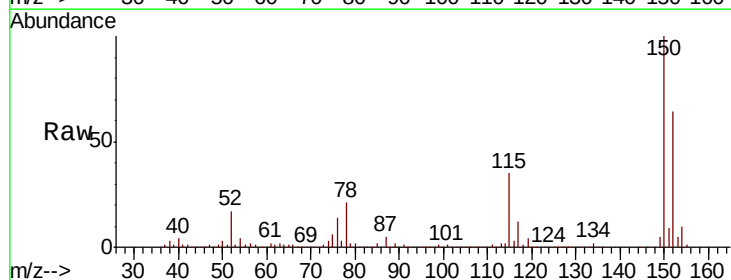
Tgt Ion:152 Resp: 157131

Ion Ratio Lower Upper

152 100

115 62.5 40.0 119.9

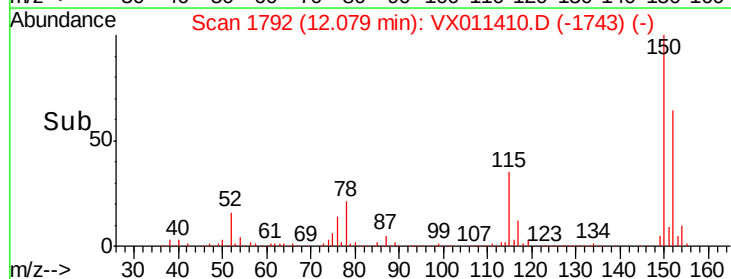
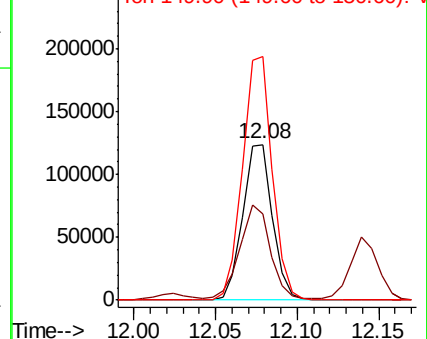
150 156.8 0.0 350.4

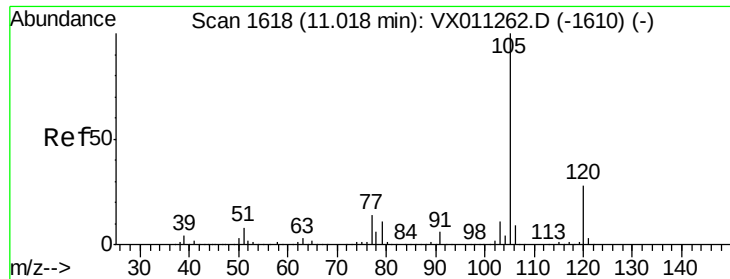


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.654 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

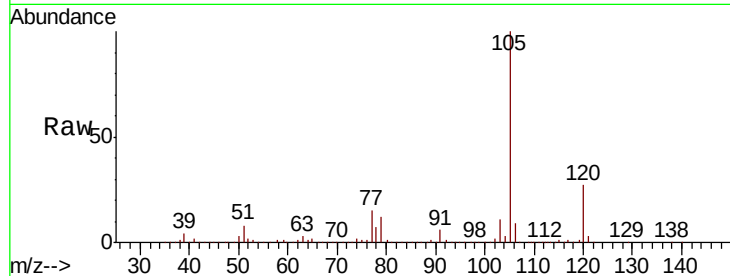
Z3-0672

Tgt Ion:105 Resp: 469138

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

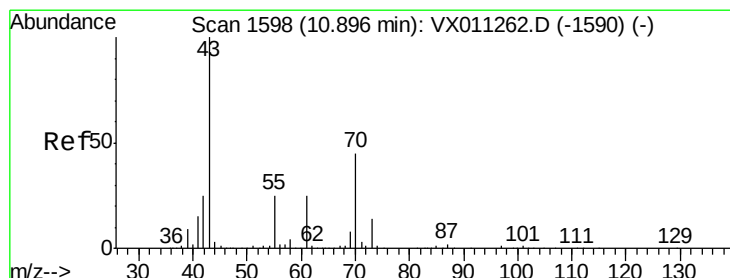
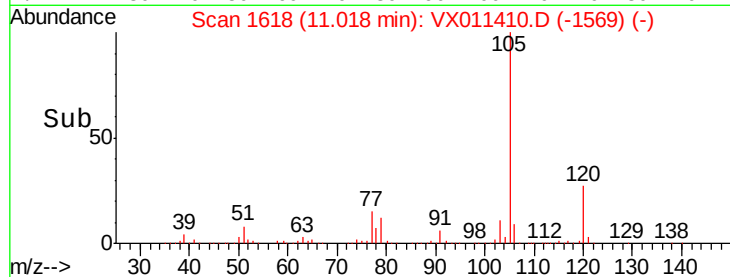
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 0.506 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Tgt Ion: 43 Resp: 1963

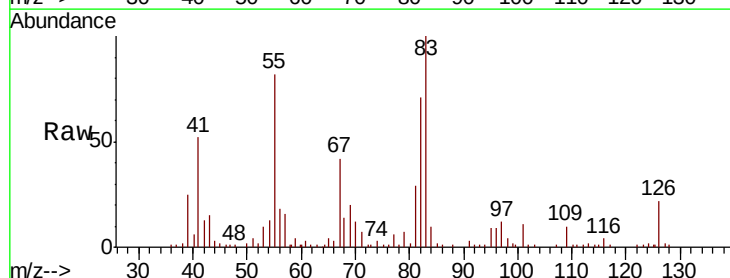
Ion Ratio Lower Upper

43 100

70 176.3 35.9 53.9#

55 789.0 19.8 29.6#

61 30.4 19.7 29.5#



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

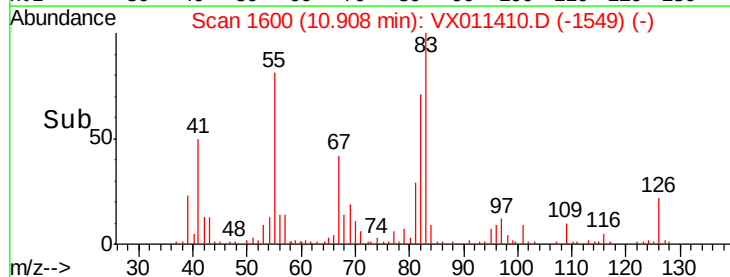
Ion 61.00 (60.70 to 61.70): VX0

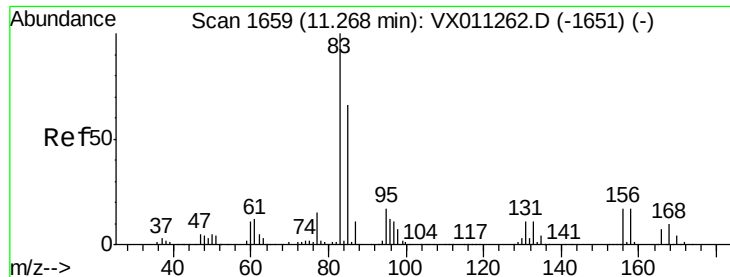
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.636 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

Z3-0672

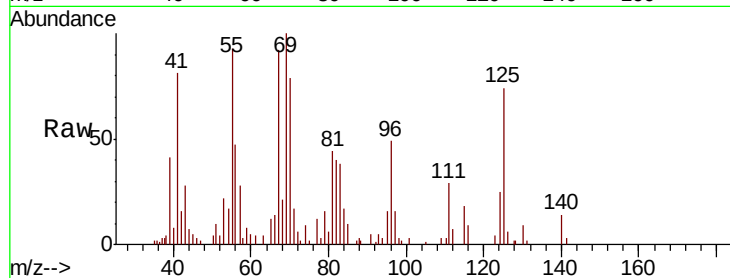
Tgt Ion: 83 Resp: 2279

Ion Ratio Lower Upper

83 100

131 17.2 5.6 16.8#

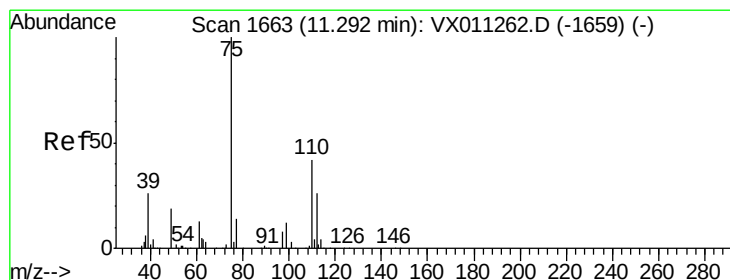
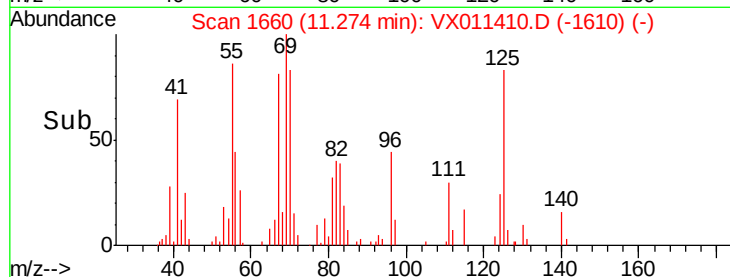
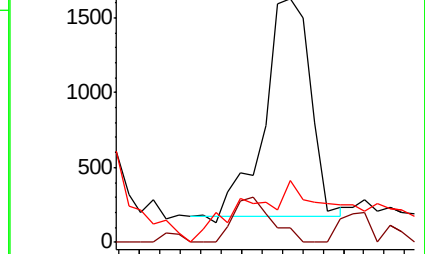
85 54.5 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.449 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX011410.D

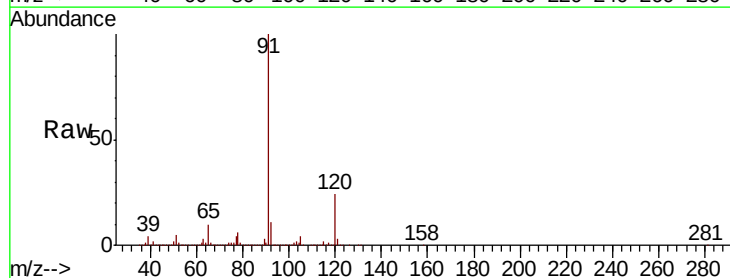
Acq: 09 Aug 2019 15:19

Tgt Ion: 75 Resp: 4145

Ion Ratio Lower Upper

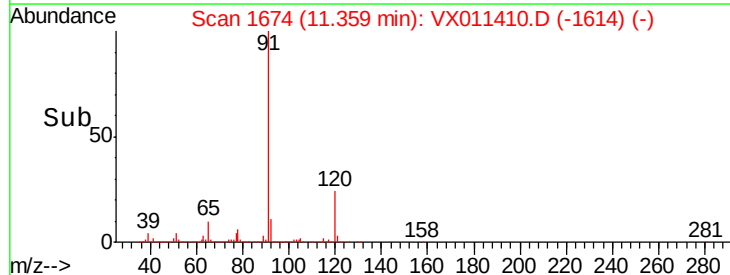
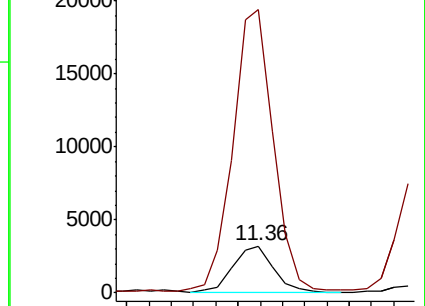
75 100

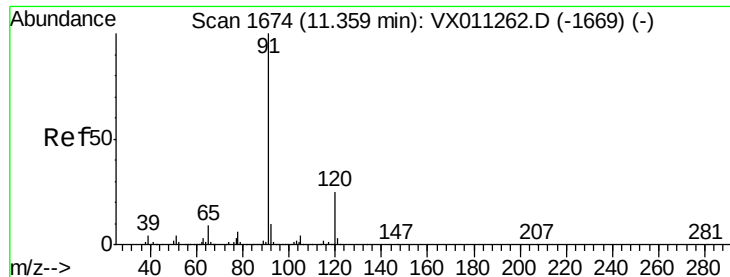
77 588.1 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

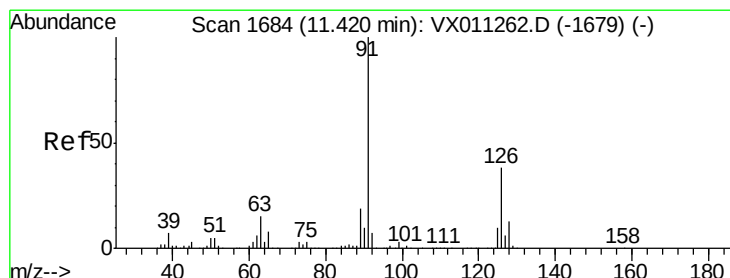
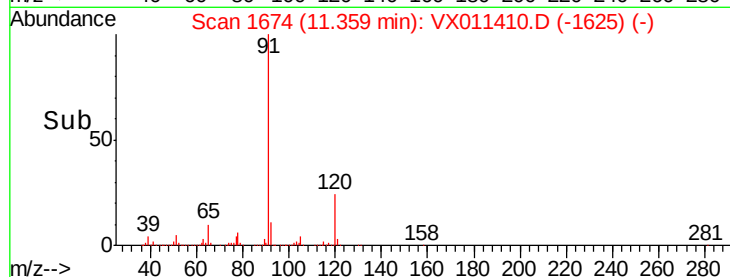
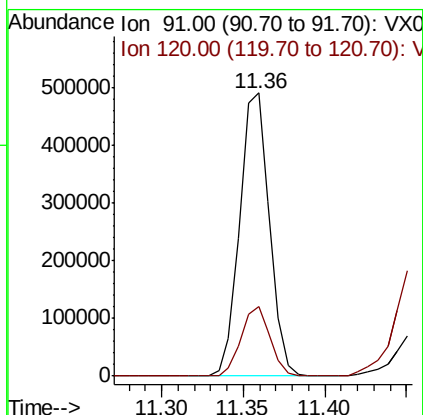
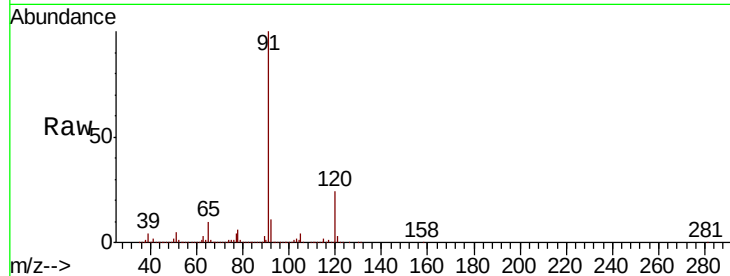




#78
n-propylbenzene
Concen: 52.234 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

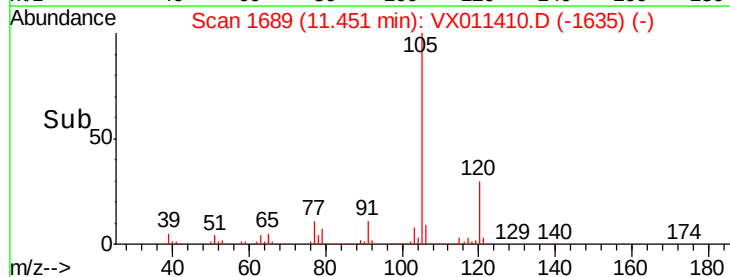
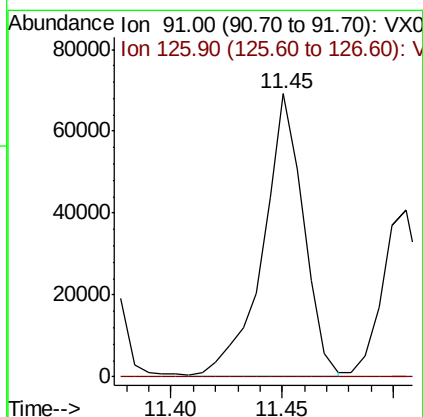
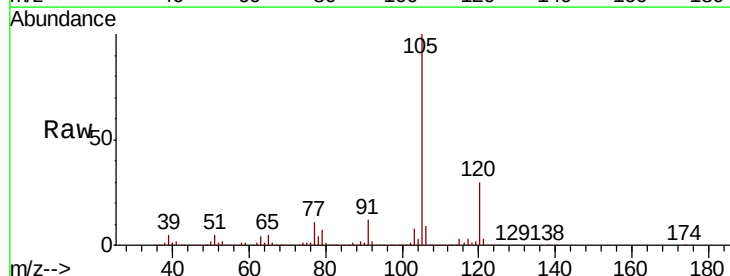
Instrument :
MSVOA_X
ClientSampled :
Z3-0672

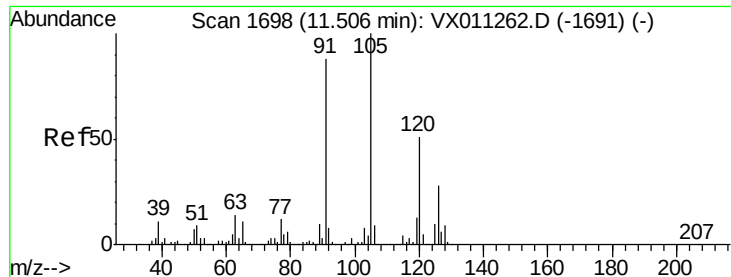
Tgt Ion: 91 Resp: 624242
Ion Ratio Lower Upper
91 100
120 23.9 12.4 37.0



#79
2-Chlorotoluene
Concen: 12.243 ug/l
RT: 11.45 min Scan# 1689
Delta R.T. 0.03 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion: 91 Resp: 87210
Ion Ratio Lower Upper
91 100
126 0.0 18.5 55.5#

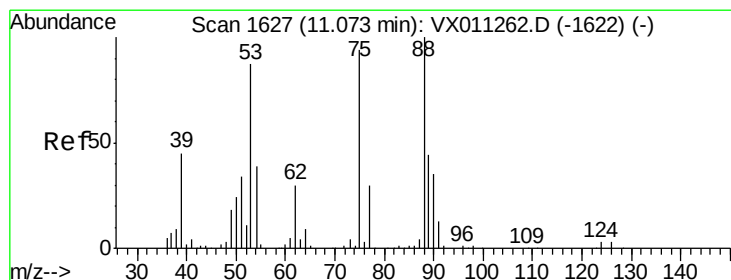
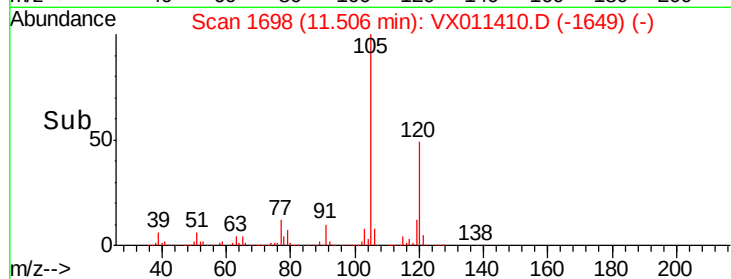
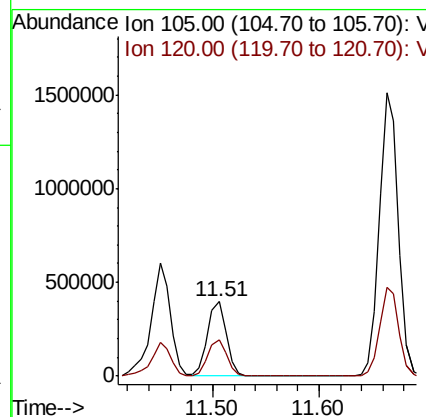
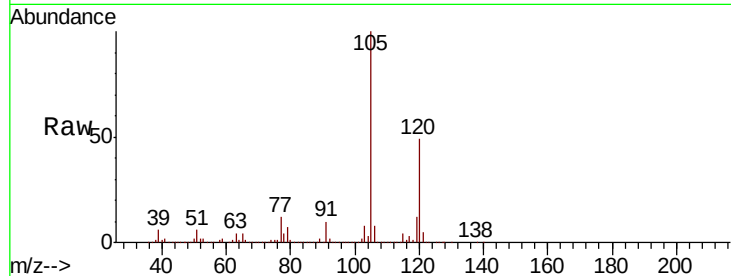




#80
 1,3,5-Trimethylbenzene
 Concen: 52.511 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

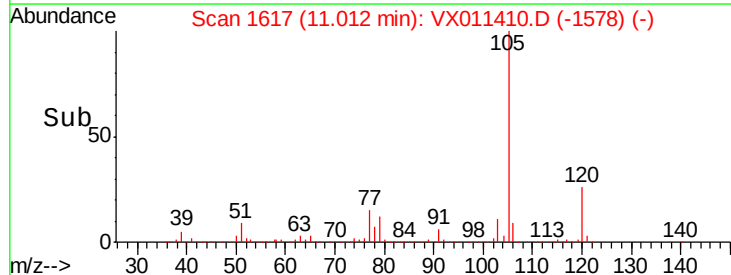
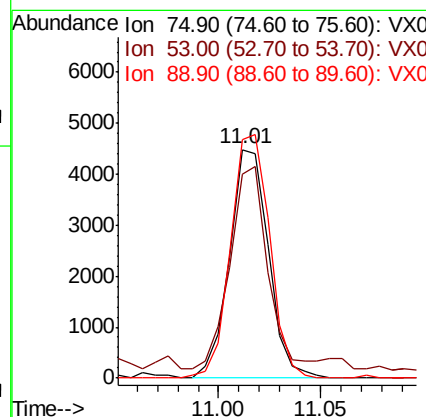
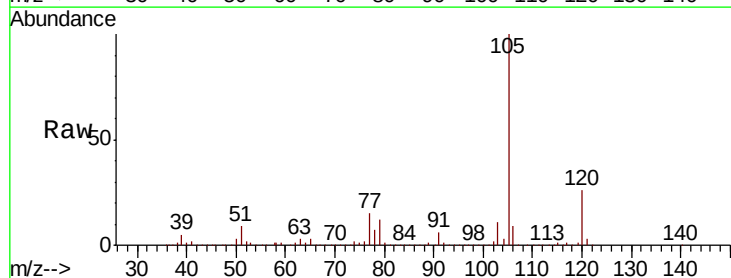
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672

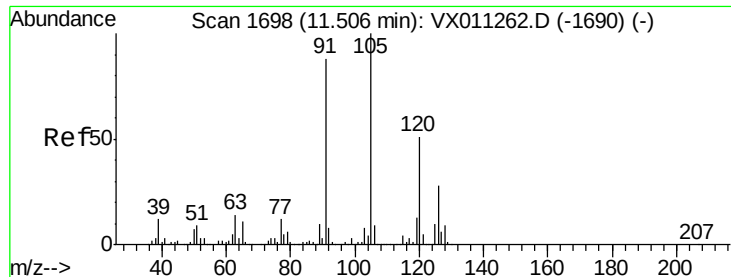
Tgt Ion:105 Resp: 472396
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.565 ug/l
 RT: 11.01 min Scan# 1617
 Delta R.T. -0.06 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Tgt Ion: 75 Resp: 5935
 Ion Ratio Lower Upper
 75 100
 53 84.6 78.2 117.4
 89 106.5 37.9 56.9#





#82

4-Chlorotoluene

Concen: 6.013 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

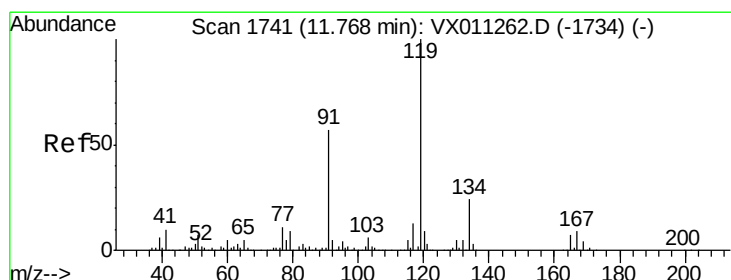
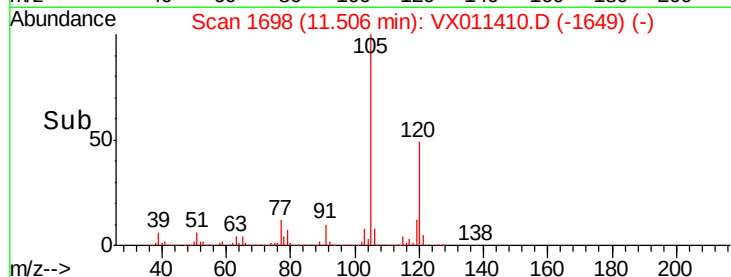
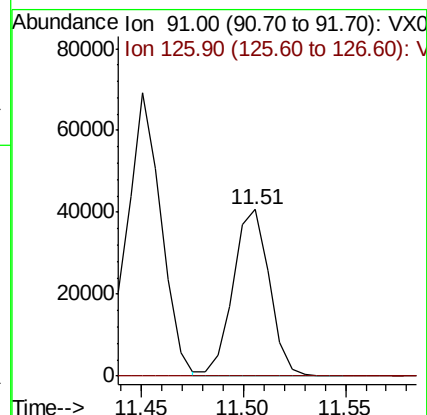
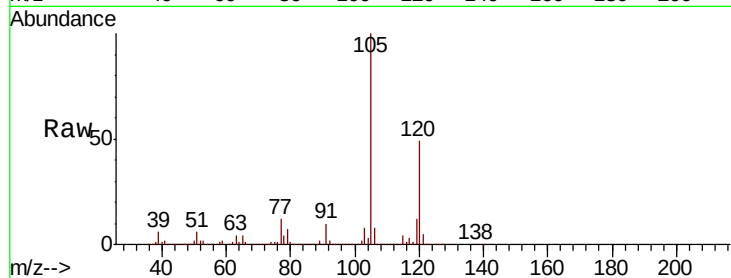
Z3-0672

Tgt Ion: 91 Resp: 49913

Ion Ratio Lower Upper

91 100

126 0.1 16.4 49.2#



#83

tert-Butylbenzene

Concen: 50.423 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

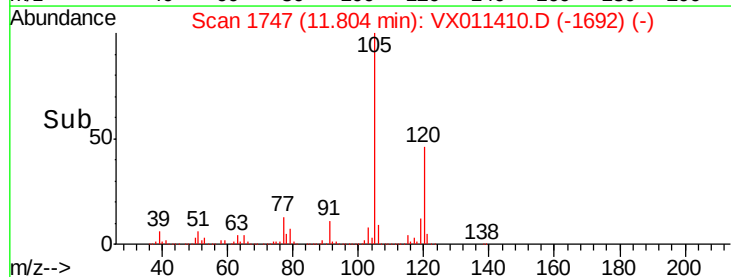
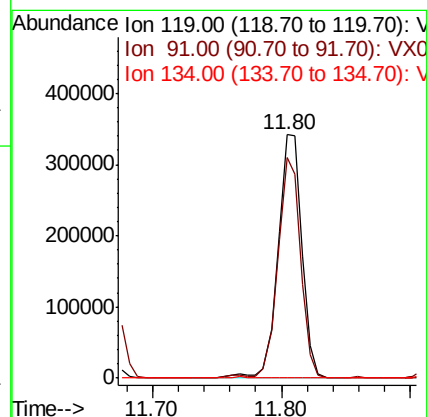
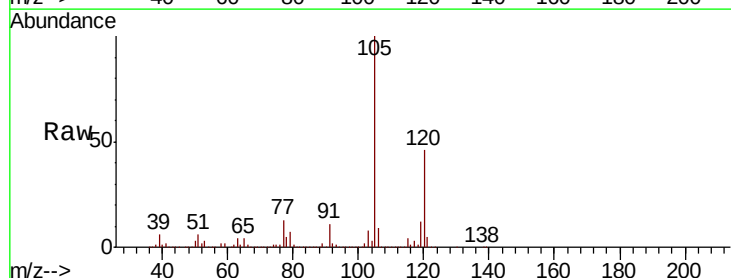
Tgt Ion: 119 Resp: 444886

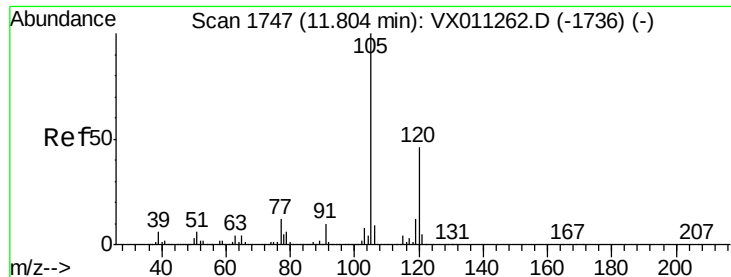
Ion Ratio Lower Upper

119 100

91 86.8 28.0 84.0#

134 0.0 11.9 35.5#

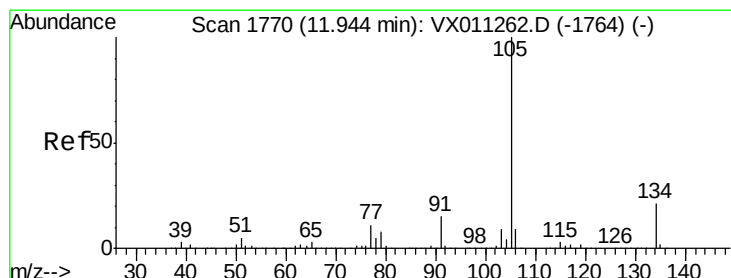
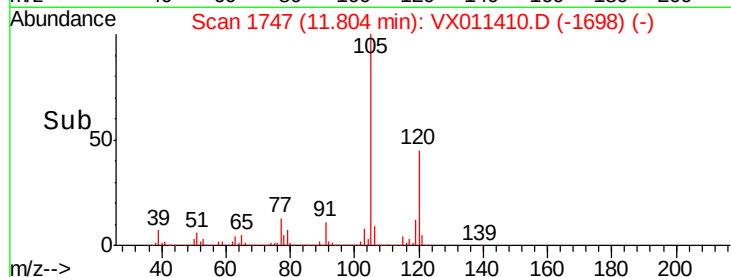
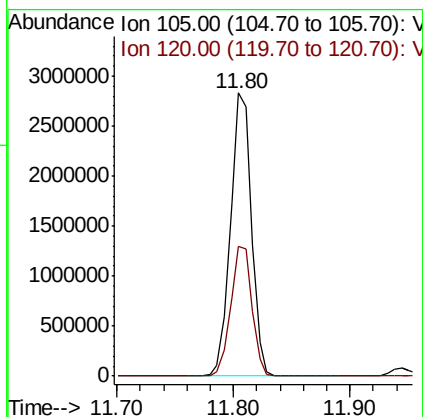
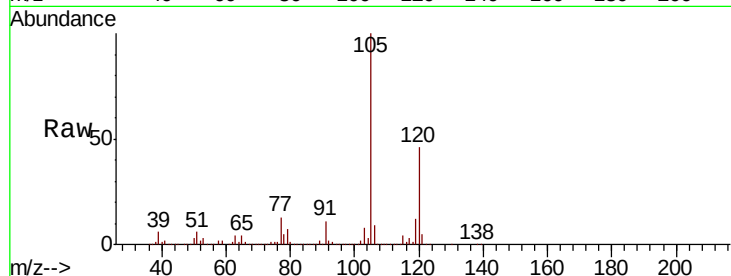




#84
 1,2,4-Trimethylbenzene
 Concen: 395.075 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

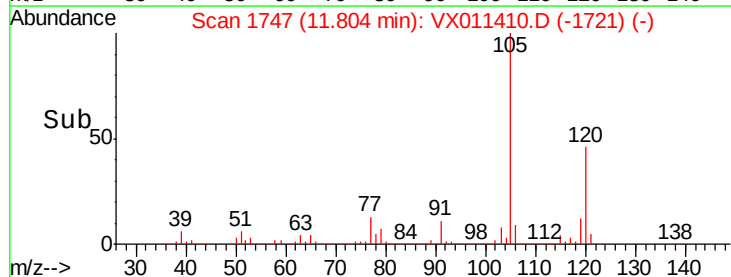
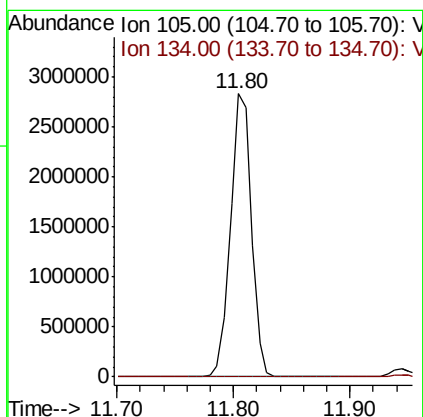
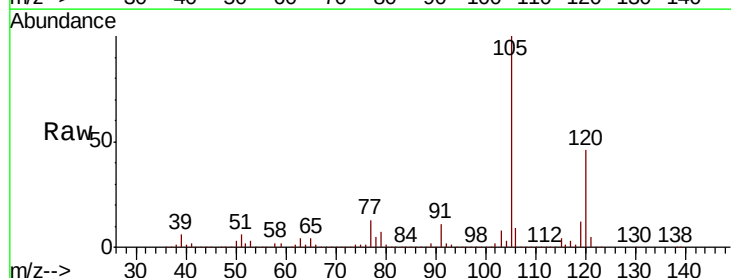
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672

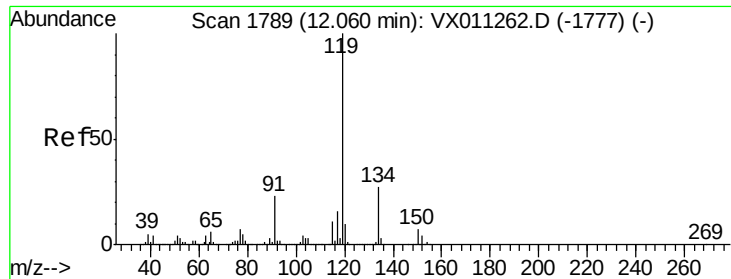
Tgt Ion:105 Resp: 3538580
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 333.747 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX011410.D
 Acq: 09 Aug 2019 15:19

Tgt Ion:105 Resp: 3537927
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#

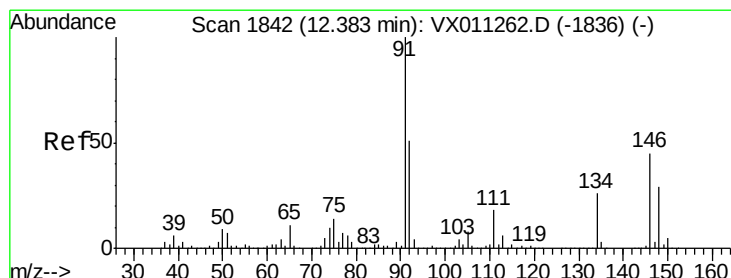
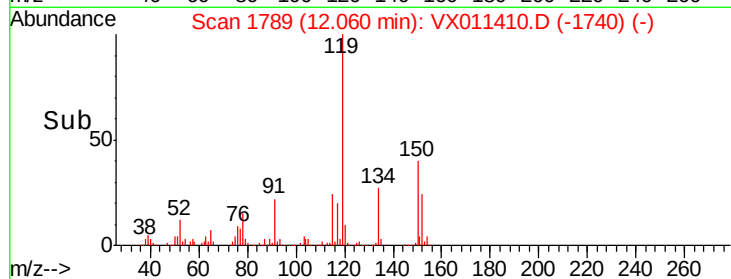
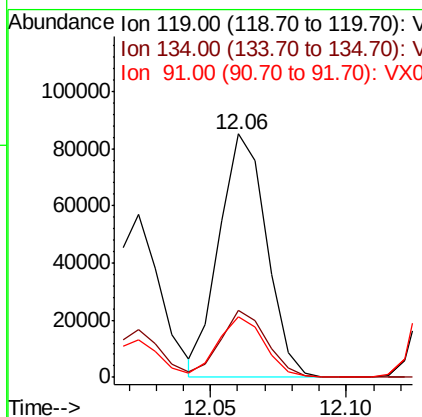
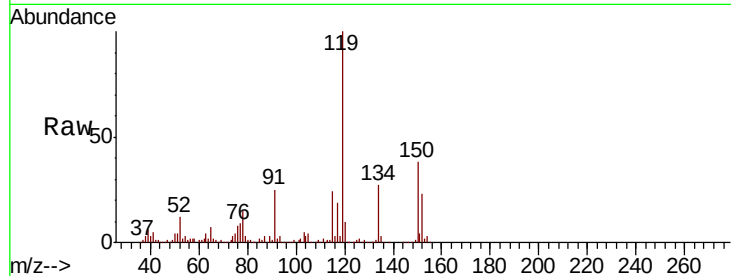




#86
p-Isopropyltoluene
Concen: 10.479 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

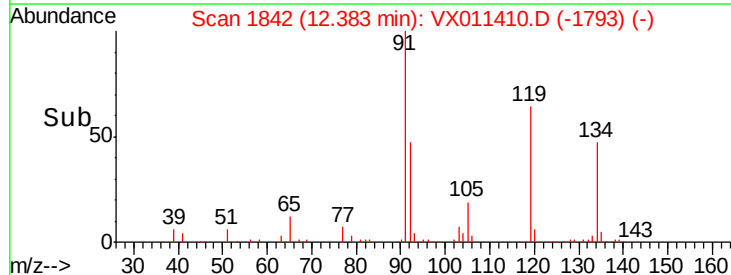
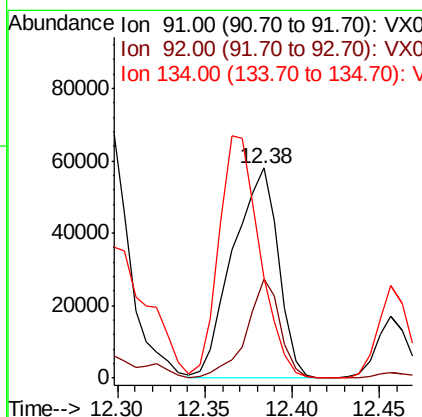
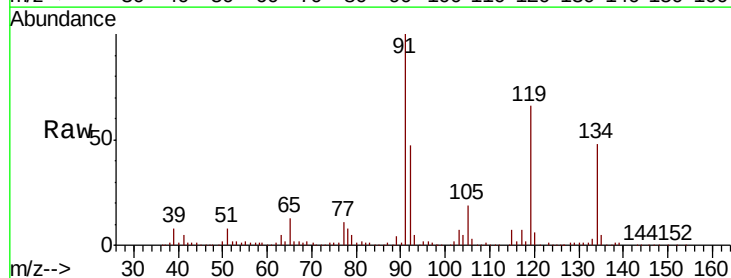
Instrument :
MSVOA_X
ClientSampled :
Z3-0672

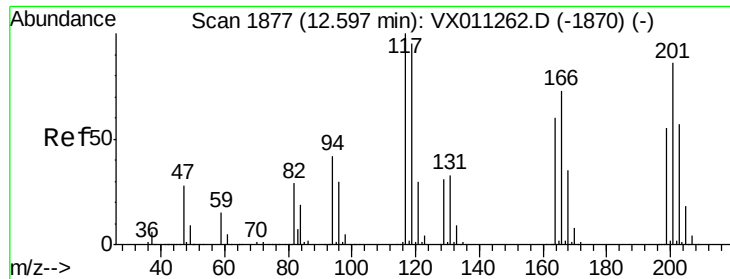
Tgt Ion	Resp	Lower	Upper
119	102193		
134	27.1	13.7	41.0
91	23.9	11.4	34.2



#89
n-Butylbenzene
Concen: 12.399 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Tgt Ion	Resp	Lower	Upper
91	104178		
92	34.8	25.8	77.3
134	103.9	13.7	41.0





#90

Hexachloroethane

Concen: 19.797 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

Instrument :

MSVOA_X

ClientSampleId :

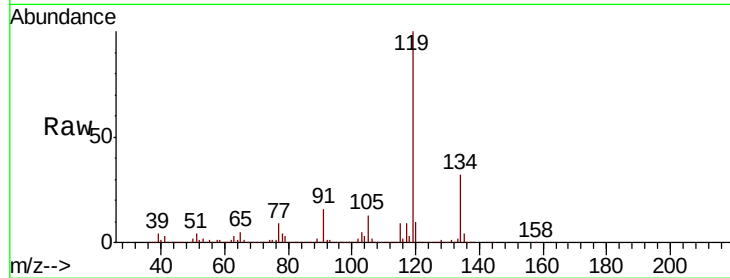
Z3-0672

Tgt Ion:117 Resp: 28544

Ion Ratio Lower Upper

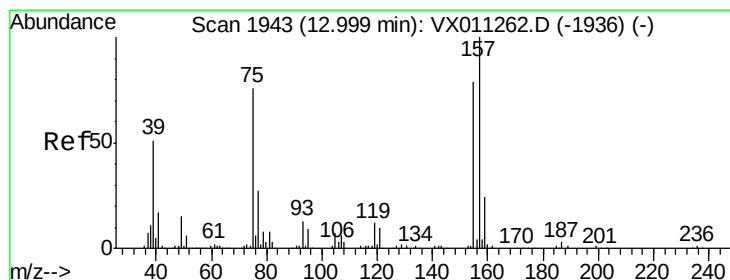
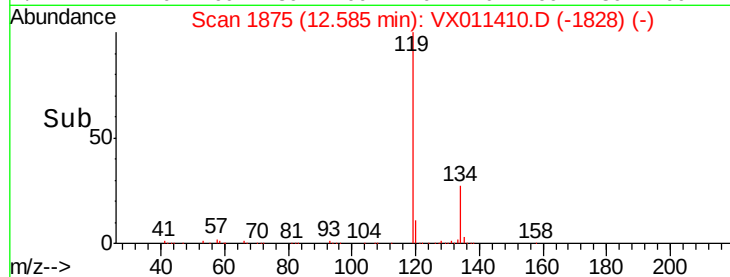
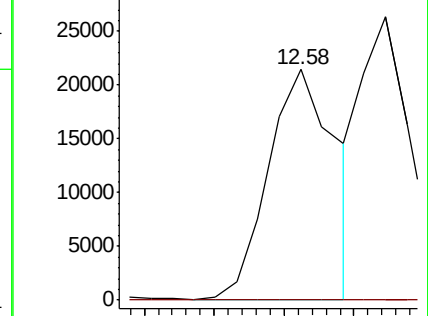
117 100

201 0.0 41.8 125.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.847 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011410.D

Acq: 09 Aug 2019 15:19

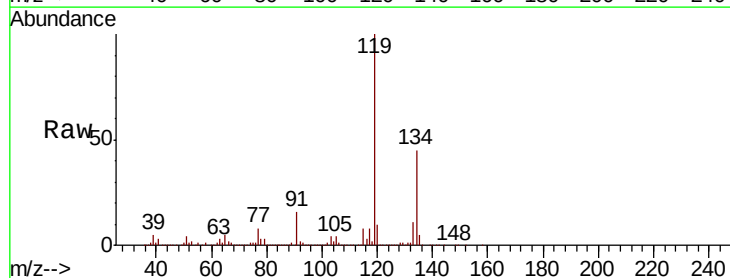
Tgt Ion: 75 Resp: 2669

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.8#

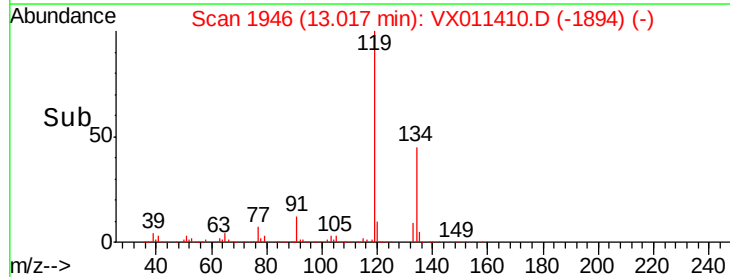
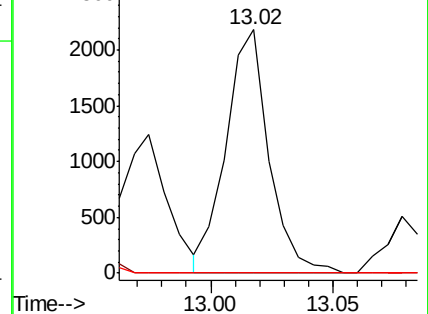
157 0.0 64.3 192.7#

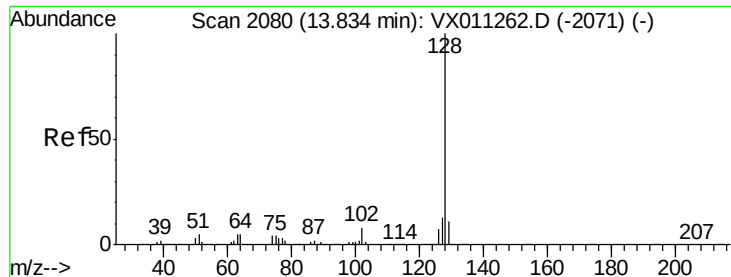


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 64.854 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011410.D
Acq: 09 Aug 2019 15:19

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.3	8.9	13.3

