

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
 Data File : VX011789.D
 Acq On : 23 Aug 2019 11:45
 Operator : JC/SP
 Sample : VX0823MBS01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

Quant Time: Aug 26 01:51:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	391054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	530878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	480797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265439	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	177313	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
35) Dibromofluoromethane	5.49	113	163904	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	8.71	98	586010	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.13	95	213167	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	69254	18.976	ug/l	99
3) Chloromethane	1.32	50	61452	19.200	ug/l	97
4) Vinyl Chloride	1.40	62	63412	19.819	ug/l	99
5) Bromomethane	1.64	94	40072	22.734	ug/l	99
6) Chloroethane	1.72	64	37847	20.231	ug/l	98
7) Trichlorofluoromethane	1.92	101	99605	19.553	ug/l	100
8) Diethyl Ether	2.18	74	33342	19.249	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58866	18.675	ug/l	98
10) Methyl Iodide	2.50	142	74603	19.377	ug/l	99
11) Tert butyl alcohol	3.04	59	70712	91.093	ug/l	99
12) 1,1-Dichloroethene	2.37	96	57141	18.591	ug/l	96
13) Acrolein	2.29	56	29693	98.954	ug/l	98
14) Allyl chloride	2.72	41	87646	18.244	ug/l	96
15) Acrylonitrile	3.14	53	166742	93.911	ug/l	99
16) Acetone	2.43	43	145133	84.930	ug/l	100
17) Carbon Disulfide	2.56	76	138035	17.762	ug/l	98
18) Methyl Acetate	2.76	43	90665	19.553	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	185088	18.773	ug/l	99
20) Methylene Chloride	2.85	84	62792	17.973	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62023	18.708	ug/l	97
22) Diisopropyl ether	3.85	45	181321	19.464	ug/l	96
23) Vinyl Acetate	3.81	43	729910	94.634	ug/l	99
24) 1,1-Dichloroethane	3.69	63	103494	18.816	ug/l	99
25) 2-Butanone	4.67	43	230040	93.785	ug/l	100
26) 2,2-Dichloropropane	4.58	77	82567	17.677	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	69646	18.319	ug/l	99
28) Bromochloromethane	5.01	49	50429	20.198	ug/l	95
29) Tetrahydrofuran	5.12	42	148721	94.586	ug/l	99
30) Chloroform	5.20	83	115241	19.312	ug/l	94
31) Cyclohexane	5.57	56	91398	18.921	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	99907	19.260	ug/l	99
36) 1,1-Dichloropropene	5.79	75	80980	19.452	ug/l	99
37) Ethyl Acetate	4.82	43	85528	19.414	ug/l	99
38) Carbon Tetrachloride	5.78	117	87174	18.477	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95490	18.510	ug/l	98
40) Benzene	6.13	78	244911	19.018	ug/l	96
41) Methacrylonitrile	5.03	41	47291	18.457	ug/l	99
42) 1,2-Dichloroethane	6.18	62	83282	17.691	ug/l	95
43) Isopropyl Acetate	6.43	43	129349	18.140	ug/l	99
44) Trichloroethene	7.21	130	74141	18.676	ug/l	100
45) 1,2-Dichloropropane	7.51	63	59121	18.264	ug/l	98
46) Dibromomethane	7.65	93	42851	17.956	ug/l	94
47) Bromodichloromethane	7.90	83	76276	17.755	ug/l	99
48) Methyl methacrylate	7.77	41	63633	17.932	ug/l	96
49) 1,4-Dioxane	7.74	88	33347	339.167	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	423033	90.037	ug/l	98
52) Toluene	8.78	92	157323	18.878	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77188	17.115	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	91169	18.531	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	66321	19.101	ug/l	98
56) Ethyl methacrylate	9.18	69	93185	18.872	ug/l	96
57) 1,3-Dichloropropane	9.37	76	102632	18.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	251404	96.788	ug/l	98
59) 2-Hexanone	9.49	43	326487	90.536	ug/l	99
60) Dibromochloromethane	9.58	129	68405	18.222	ug/l	100
61) 1,2-Dibromoethane	9.67	107	70073	18.809	ug/l	99
64) Tetrachloroethene	9.34	164	75517	19.688	ug/l	95
65) Chlorobenzene	10.13	112	178308	18.996	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	66236	18.833	ug/l	99
67) Ethyl Benzene	10.25	91	292010	18.615	ug/l	95
68) m/p-Xylenes	10.35	106	234259	38.731	ug/l	97
69) o-Xylene	10.69	106	113094	19.045	ug/l	95
70) Styrene	10.71	104	192456	19.373	ug/l	96
71) Bromoform	10.85	173	55117	18.167	ug/l	99
73) Isopropylbenzene	11.02	105	304038	19.007	ug/l	99
74) N-amyl acetate	10.90	43	110458	17.836	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	97910	18.492	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	103823	22.291	ug/l	85
77) Bromobenzene	11.25	156	91257	19.351	ug/l	95
78) n-propylbenzene	11.35	91	324427	18.967	ug/l	100
79) 2-Chlorotoluene	11.41	91	194482	18.276	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	254143	19.042	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	25883	16.759	ug/l	97
82) 4-Chlorotoluene	11.51	91	224292	18.286	ug/l	96
83) tert-Butylbenzene	11.77	119	256158	19.453	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	262849	19.502	ug/l	99
85) sec-Butylbenzene	11.94	105	292479	19.417	ug/l	99
86) p-Isopropyltoluene	12.06	119	281812	19.445	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	156500	19.271	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	155602	18.938	ug/l	98
89) n-Butylbenzene	12.38	91	218368	18.201	ug/l	99
90) Hexachloroethane	12.59	117	41094	18.251	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	156012	19.047	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20854	16.944	ug/l	91

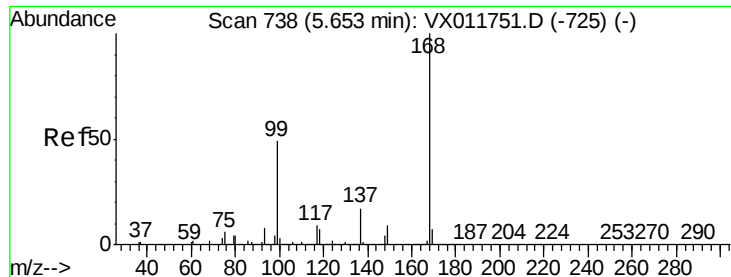
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113726	18.876	ug/l	97
94) Hexachlorobutadiene	13.78	225	64798	19.627	ug/l	99
95) Naphthalene	13.83	128	319828	19.274	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118450	19.580	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

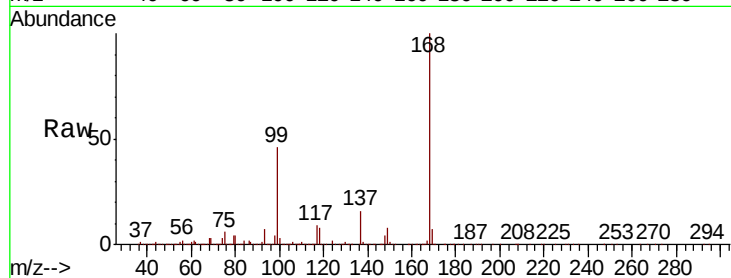
VX0823MBS01

Tgt Ion:168 Resp: 391054

Ion Ratio Lower Upper

168 100

99 46.3 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

150000

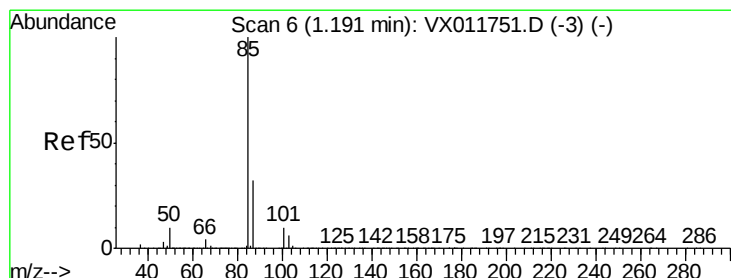
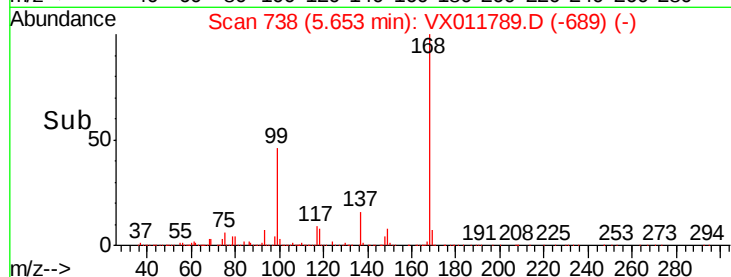
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.976 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011789.D

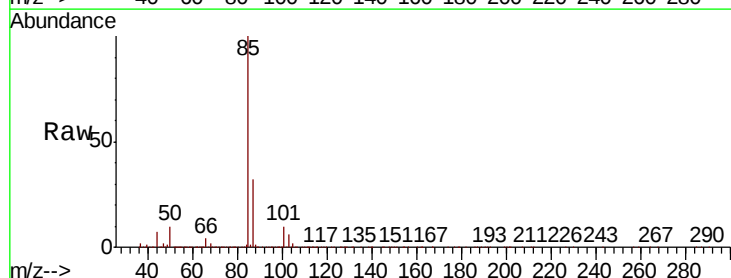
Acq: 23 Aug 2019 11:45

Tgt Ion: 85 Resp: 69254

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

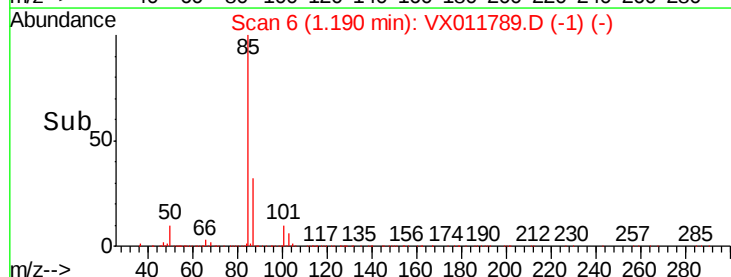
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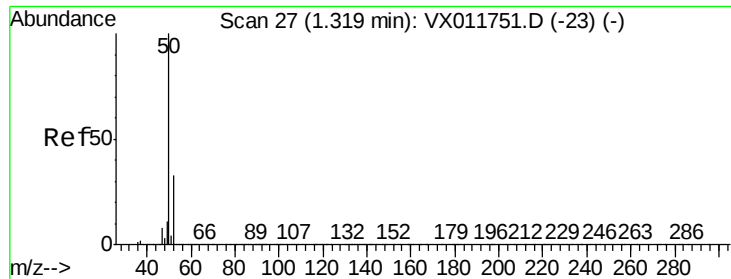
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.200 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

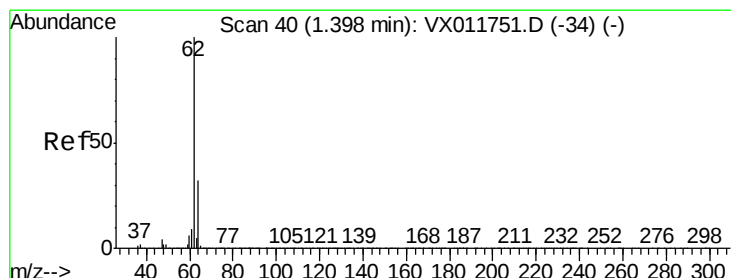
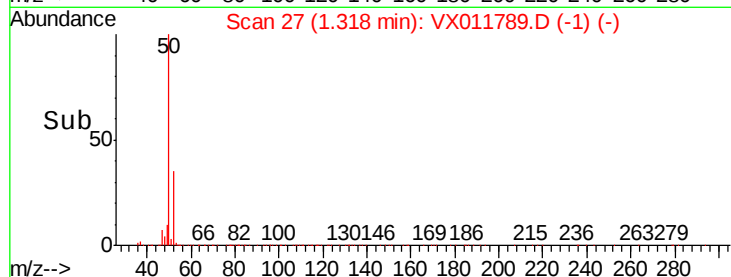
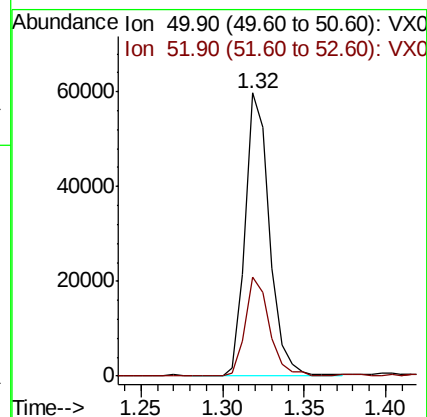
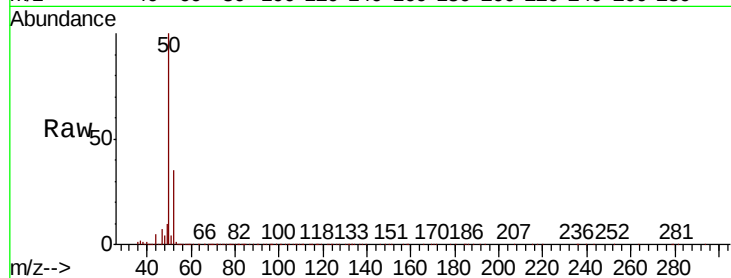
VX0823MBS01

Tgt Ion: 50 Resp: 61452

Ion Ratio Lower Upper

50 100

52 34.8 26.6 39.8



#4

Vinyl Chloride

Concen: 19.819 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011789.D

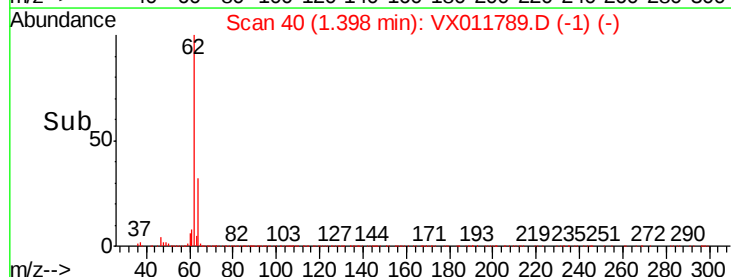
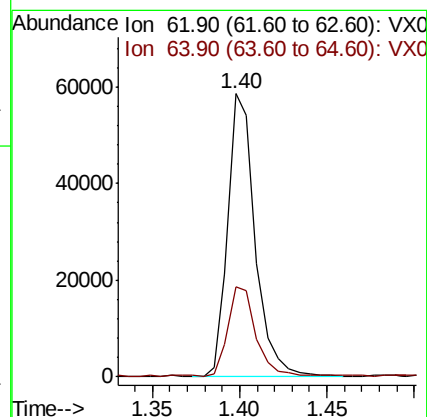
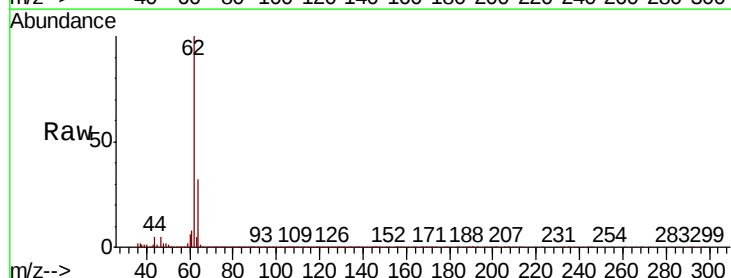
Acq: 23 Aug 2019 11:45

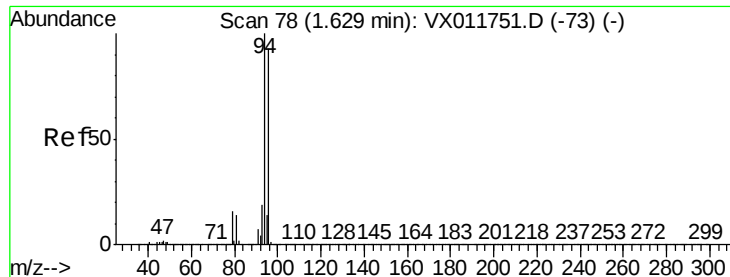
Tgt Ion: 62 Resp: 63412

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#5

Bromomethane

Concen: 22.734 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

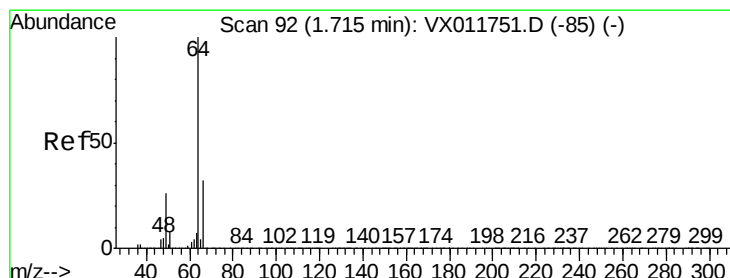
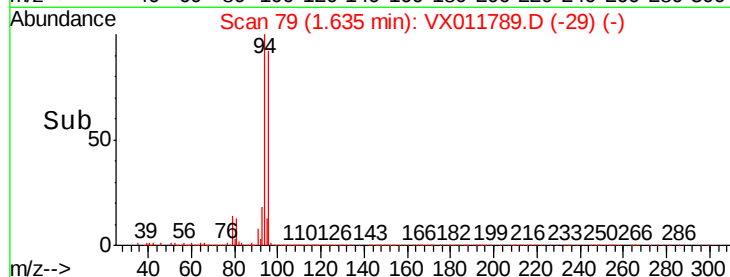
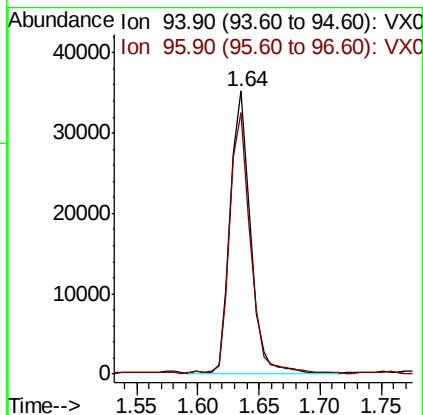
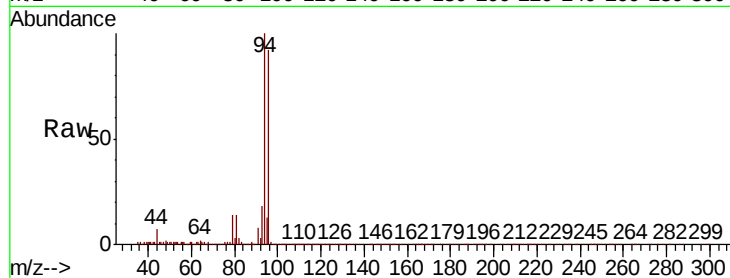
VX0823MBS01

Tgt Ion: 94 Resp: 40072

Ion Ratio Lower Upper

94 100

96 92.1 74.1 111.1



#6

Chloroethane

Concen: 20.231 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011789.D

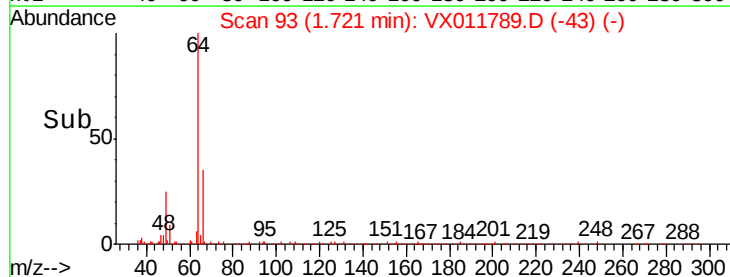
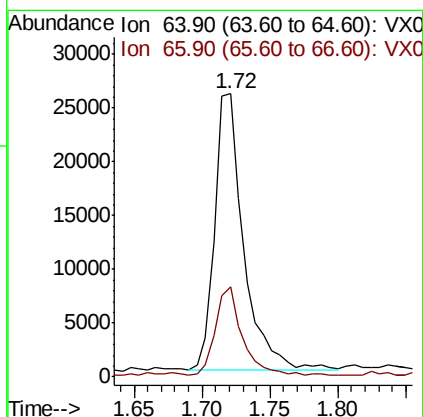
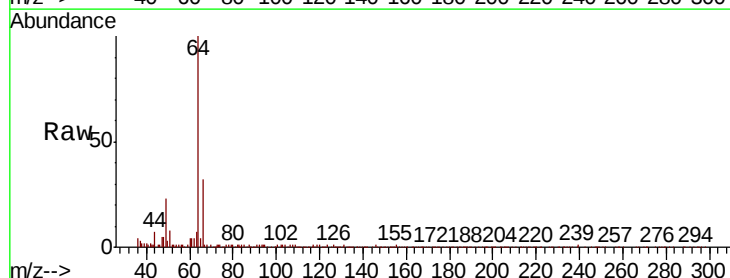
Acq: 23 Aug 2019 11:45

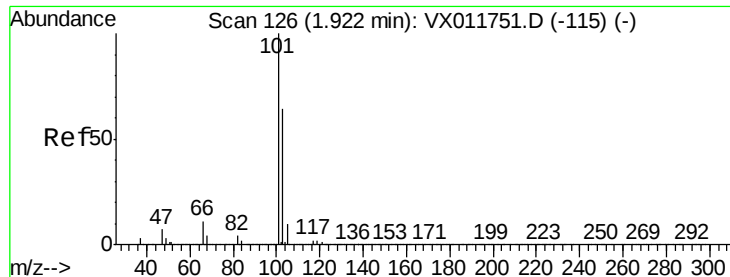
Tgt Ion: 64 Resp: 37847

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3



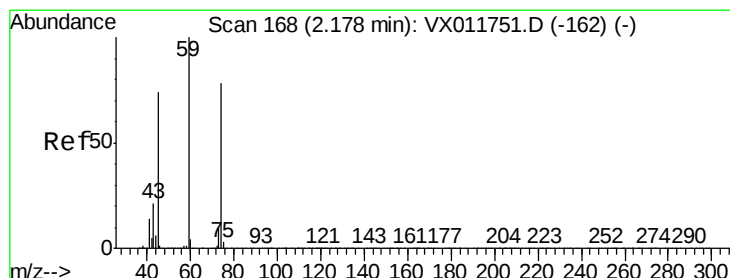
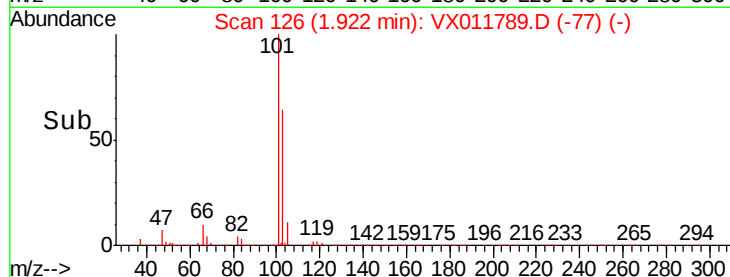
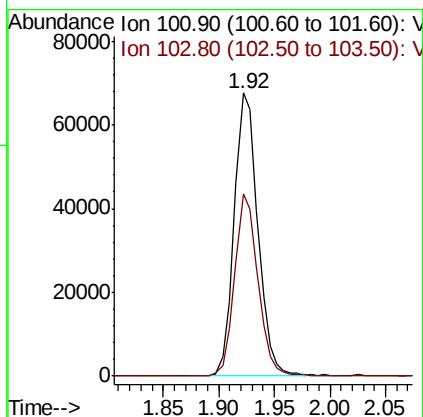
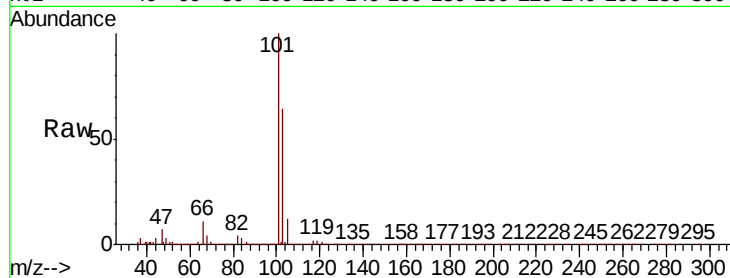


#7

Trichlorofluoromethane
 Concen: 19.553 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

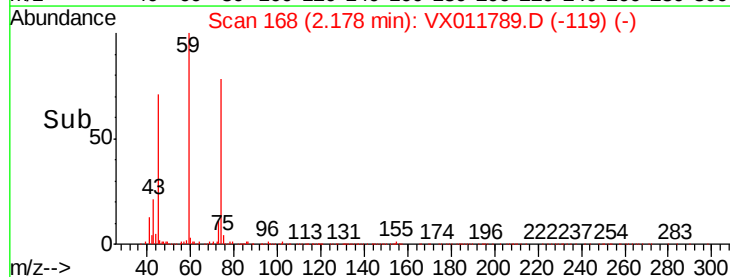
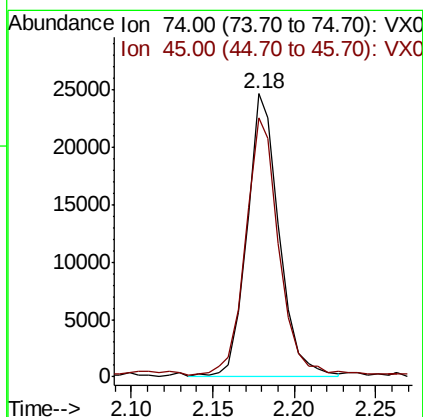
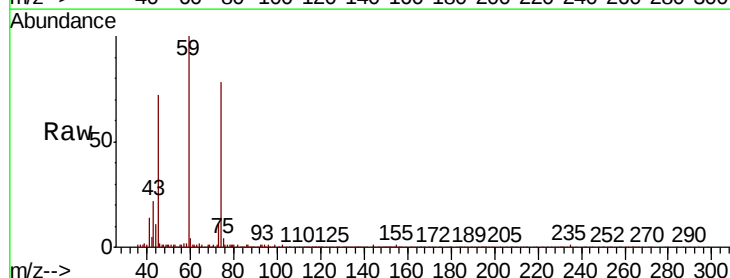
Tgt Ion: 101 Resp: 99605
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8

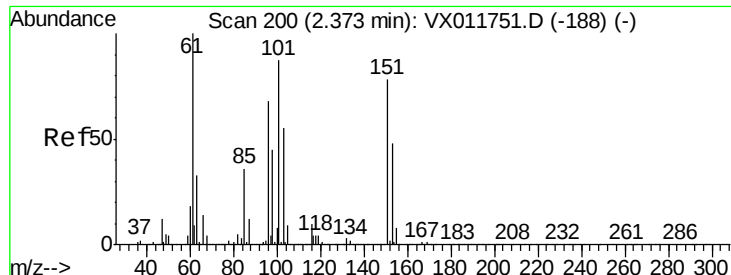


#8

Diethyl Ether
 Concen: 19.249 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion: 74 Resp: 33342
 Ion Ratio Lower Upper
 74 100
 45 94.6 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.675 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

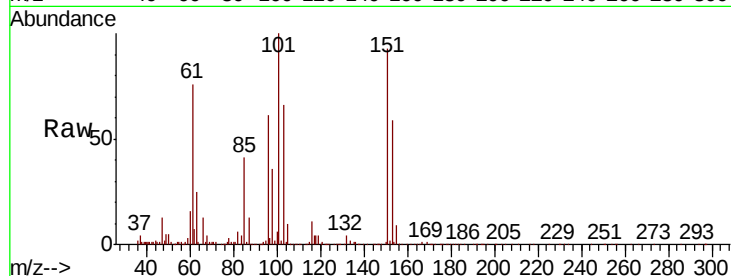
Tgt Ion:101 Resp: 58866

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

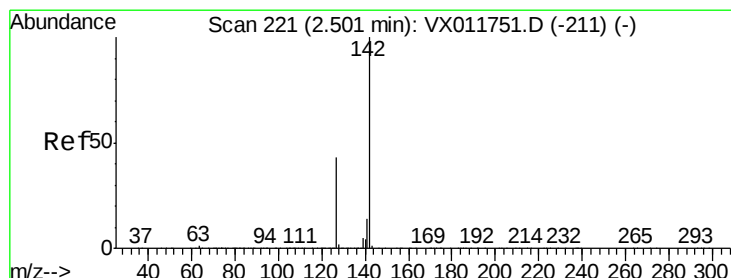
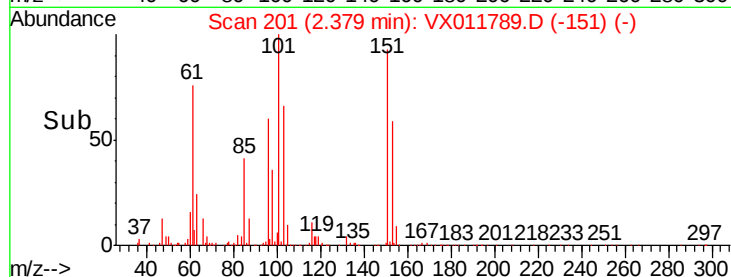
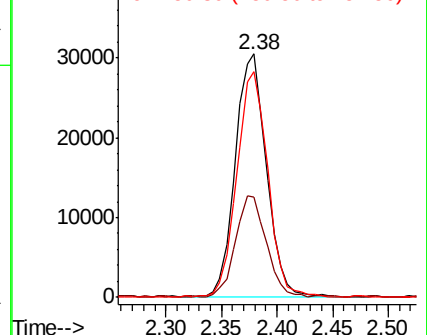
151 91.9 71.4 107.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.377 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

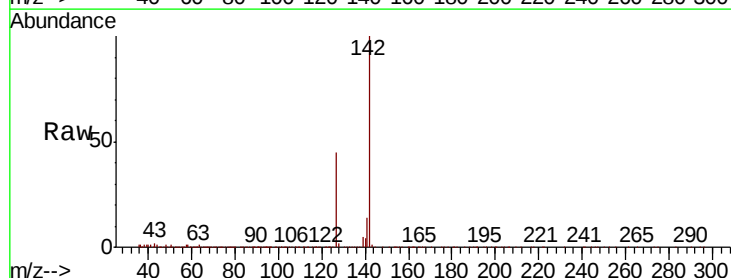
Tgt Ion:142 Resp: 74603

Ion Ratio Lower Upper

142 100

127 42.7 33.5 50.3

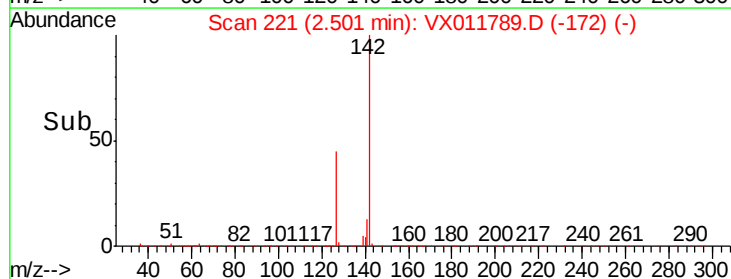
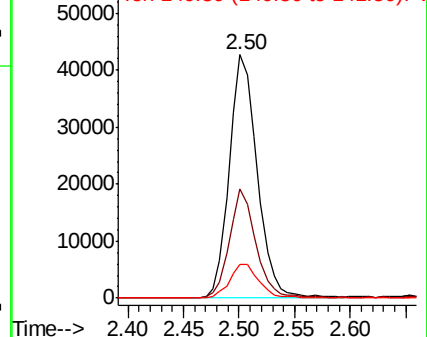
141 14.6 11.4 17.2

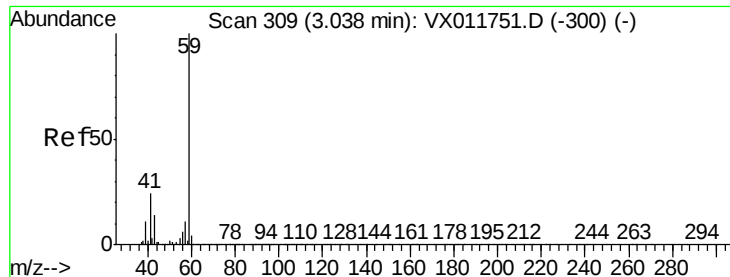


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



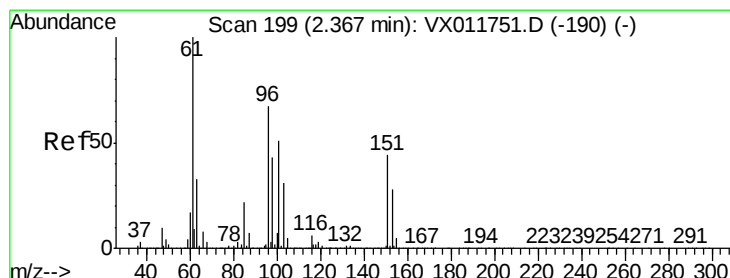
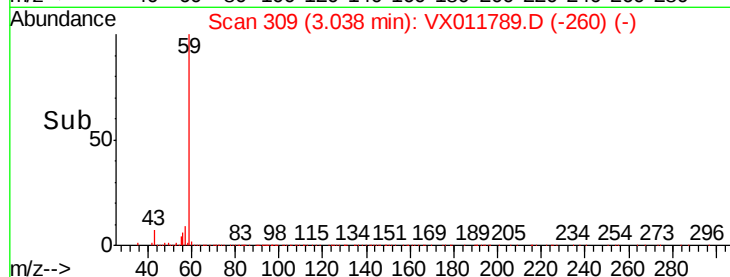
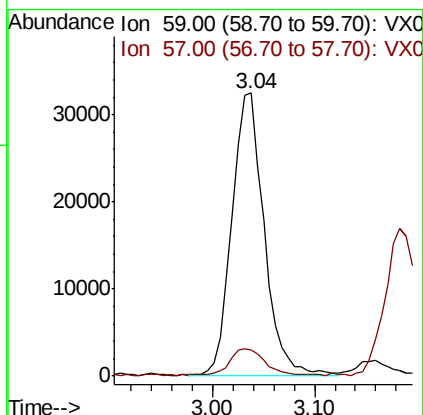
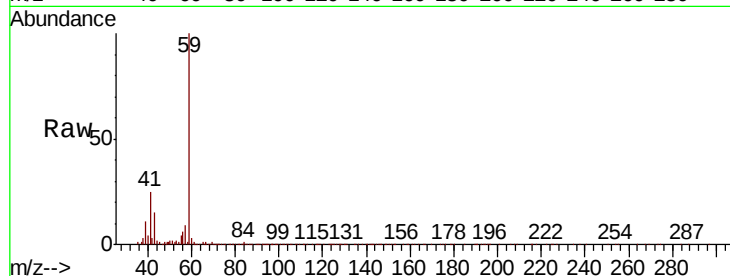


#11

Tert butyl alcohol
 Concen: 91.093 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

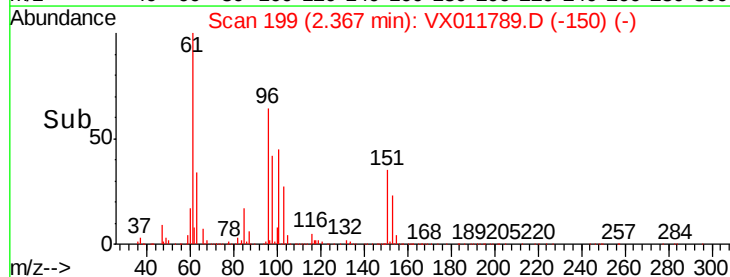
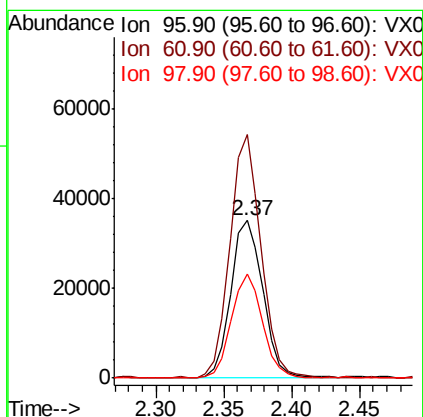
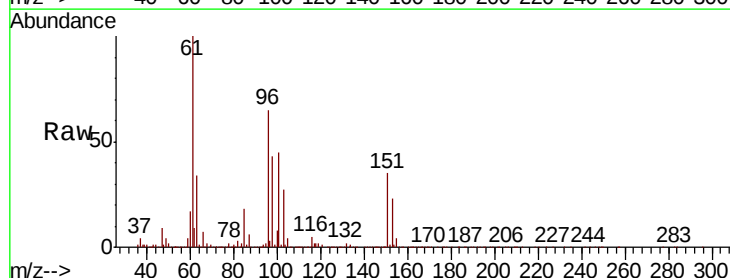
Tgt Ion: 59 Resp: 70712
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

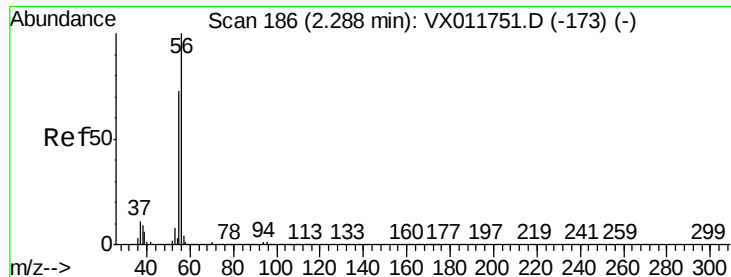


#12

1,1-Dichloroethene
 Concen: 18.591 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion: 96 Resp: 57141
 Ion Ratio Lower Upper
 96 100
 61 154.7 119.4 179.2
 98 65.8 51.2 76.8





#13

Acrolein

Concen: 98.954 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

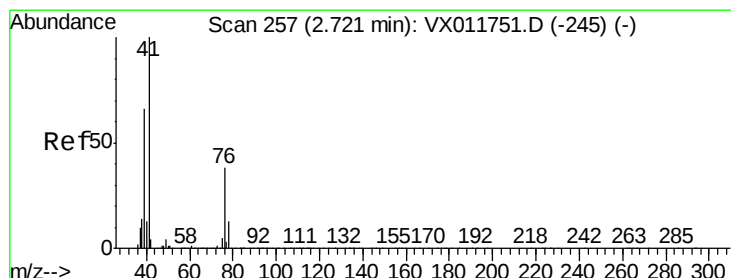
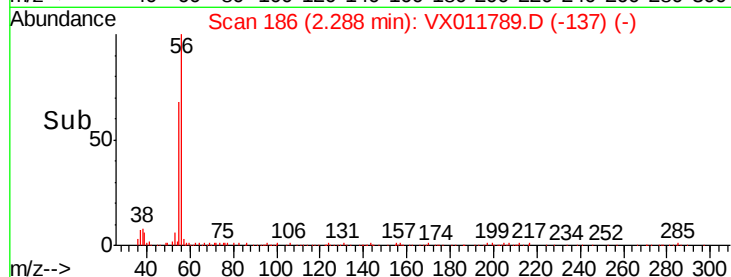
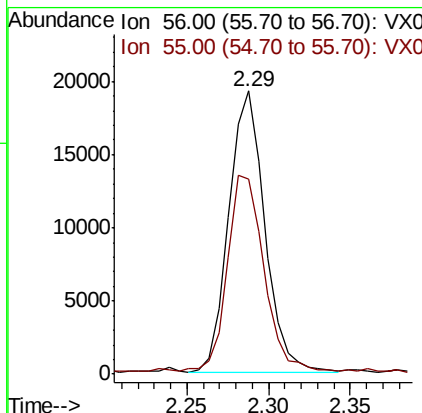
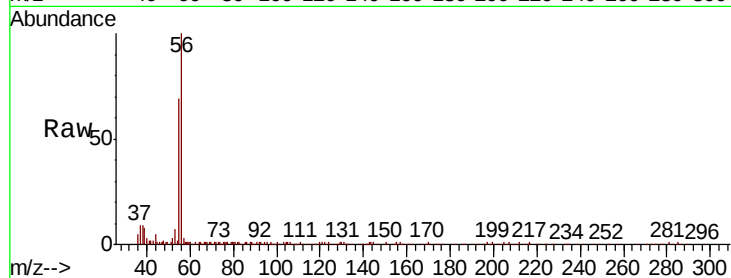
VX0823MBS01

Tgt Ion: 56 Resp: 29693

Ion Ratio Lower Upper

56 100

55 69.7 54.8 82.2



#14

Allyl chloride

Concen: 18.244 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

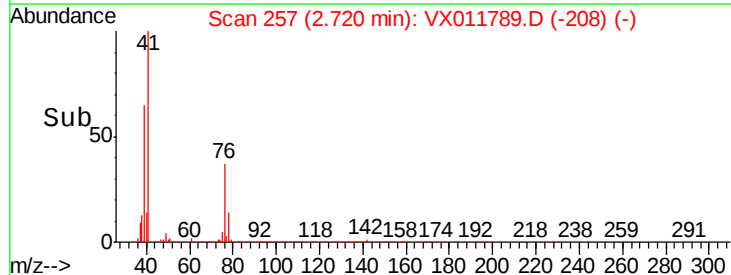
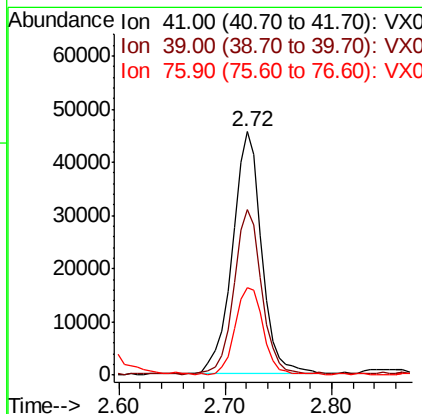
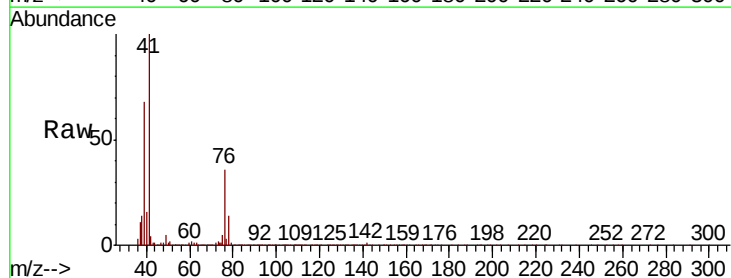
Tgt Ion: 41 Resp: 87646

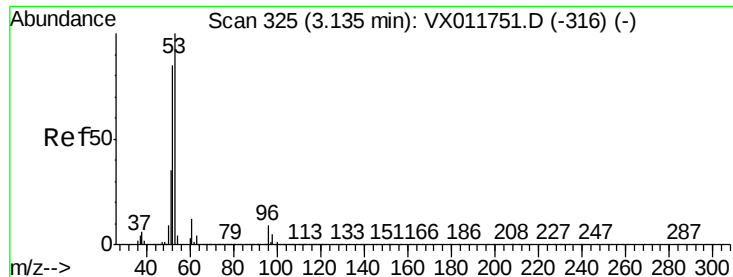
Ion Ratio Lower Upper

41 100

39 65.5 49.3 73.9

76 34.5 26.8 40.2





#15

Acrylonitrile

Concen: 93.911 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

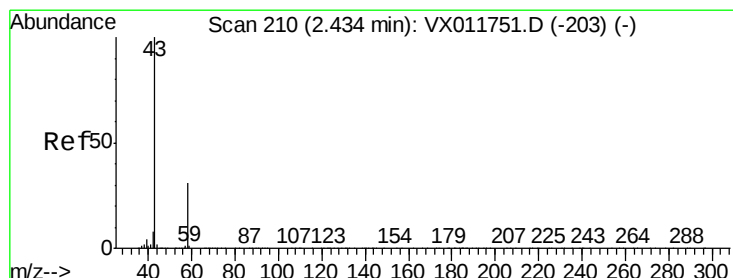
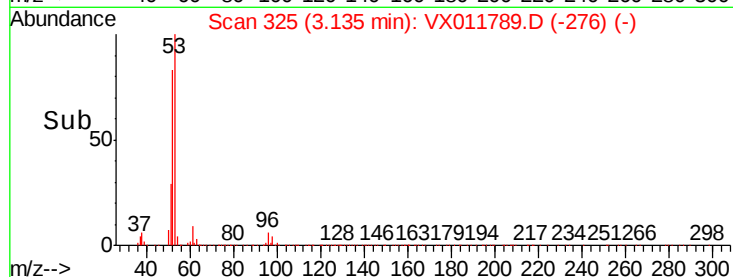
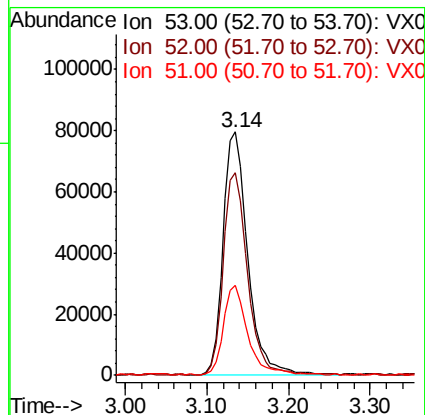
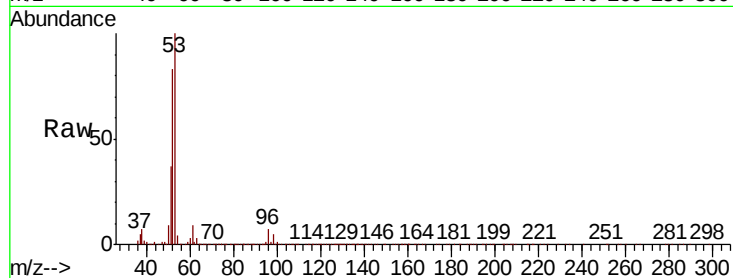
Tgt Ion: 53 Resp: 166742

Ion Ratio Lower Upper

53 100

52 83.1 65.7 98.5

51 36.0 28.6 43.0



#16

Acetone

Concen: 84.930 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011789.D

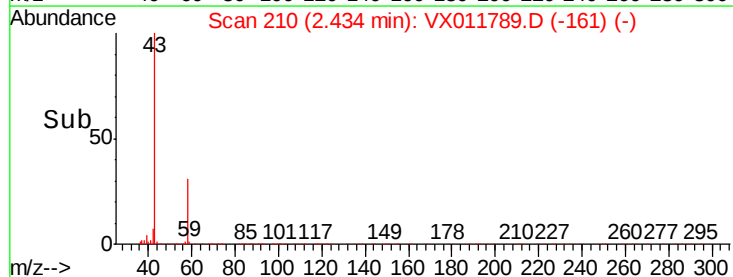
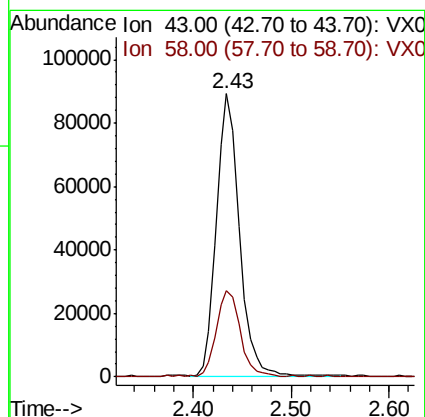
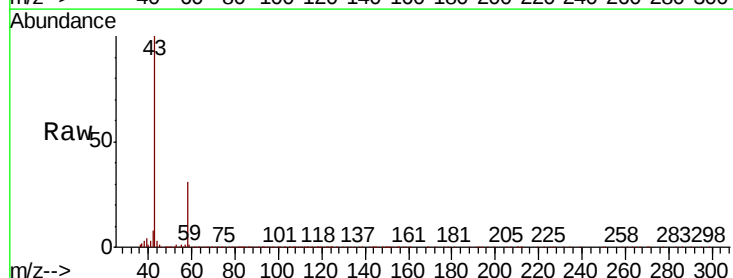
Acq: 23 Aug 2019 11:45

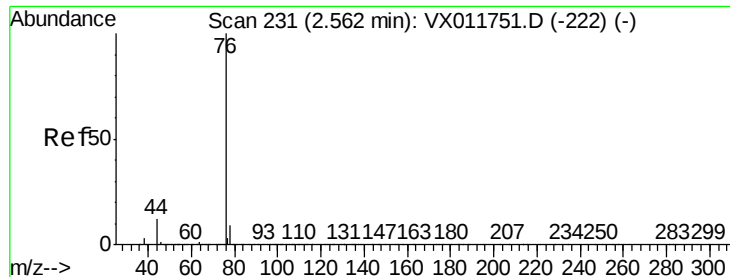
Tgt Ion: 43 Resp: 145133

Ion Ratio Lower Upper

43 100

58 30.2 24.4 36.6





#17

Carbon Disulfide

Concen: 17.762 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

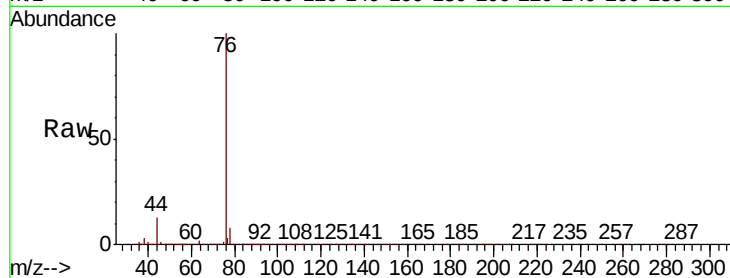
VX0823MBS01

Tgt Ion: 76 Resp: 138035

Ion Ratio Lower Upper

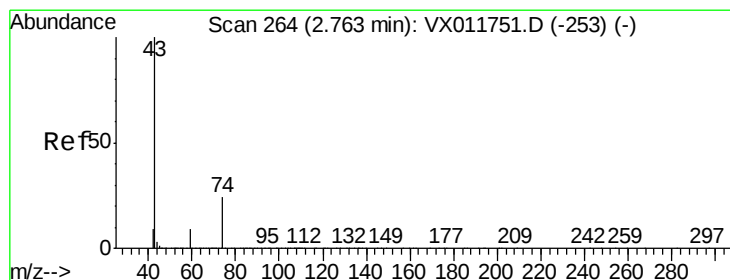
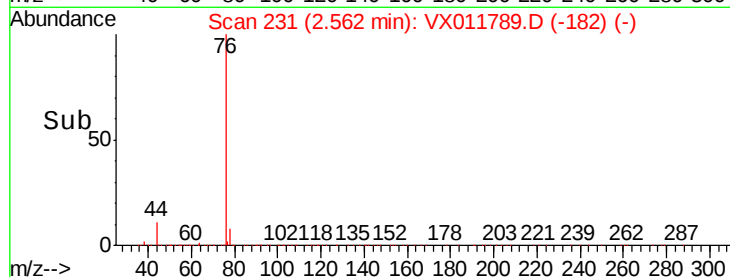
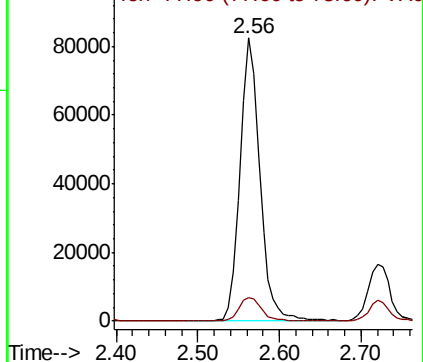
76 100

78 8.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.553 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011789.D

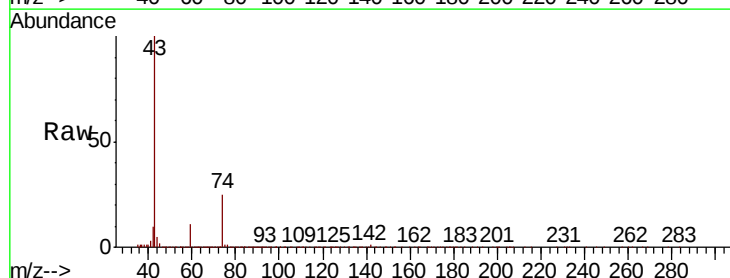
Acq: 23 Aug 2019 11:45

Tgt Ion: 43 Resp: 90665

Ion Ratio Lower Upper

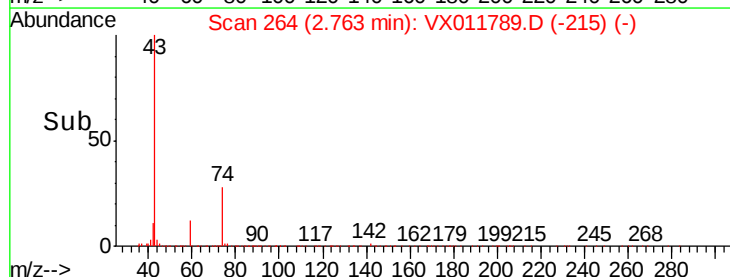
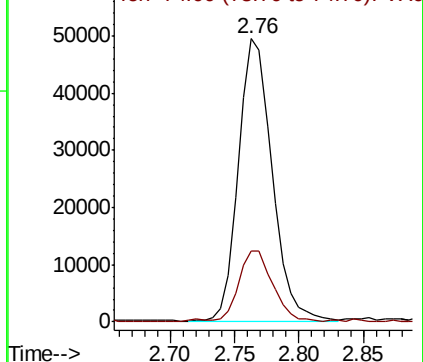
43 100

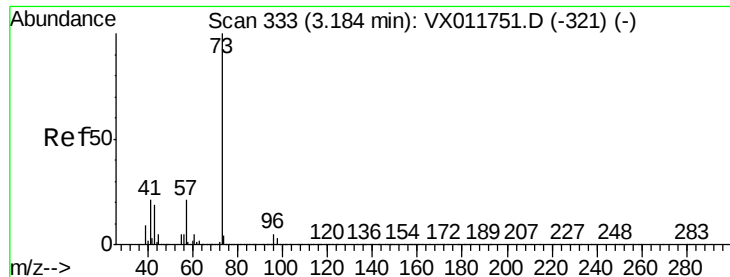
74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



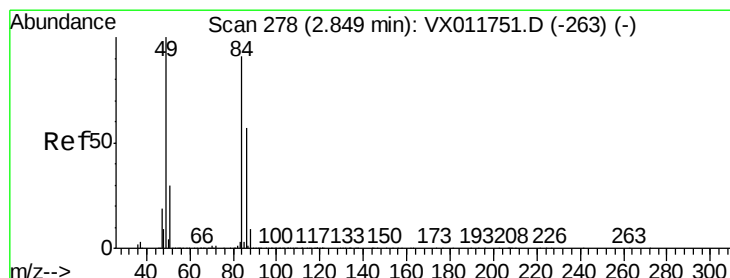
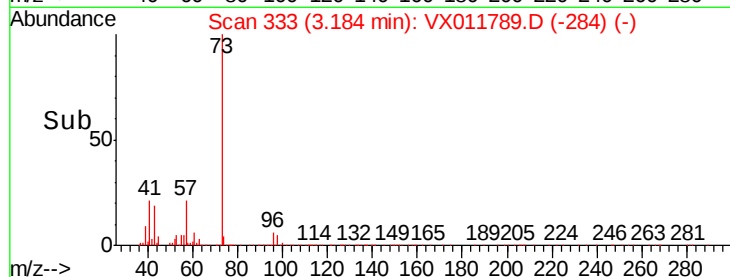
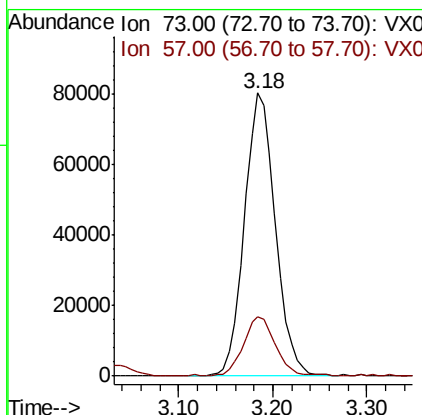
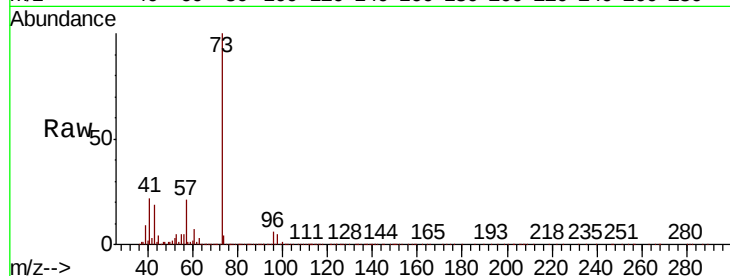


#19

Methyl tert-butyl Ether
 Concen: 18.773 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

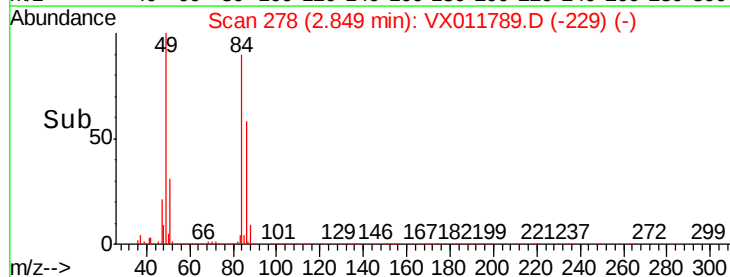
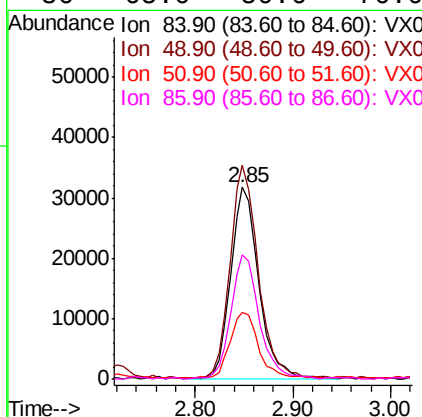
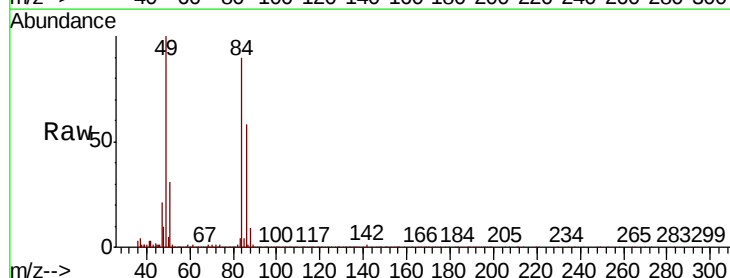
Tgt Ion: 73 Resp: 185088
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.4 24.6

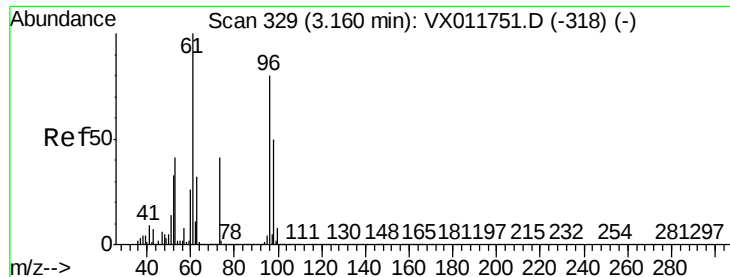


#20

Methylene Chloride
 Concen: 17.973 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion: 84 Resp: 62792
 Ion Ratio Lower Upper
 84 100
 49 111.6 88.3 132.5
 51 34.0 26.2 39.2
 86 65.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.708 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

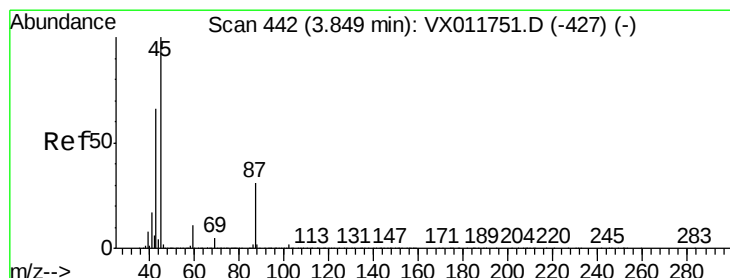
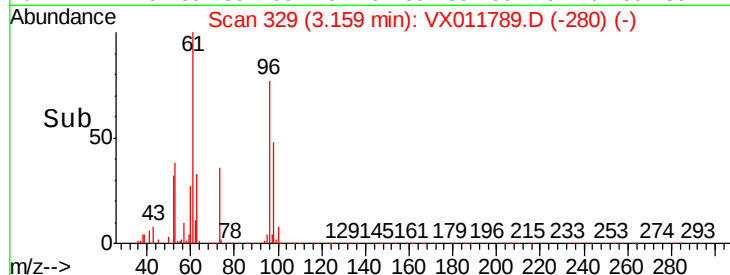
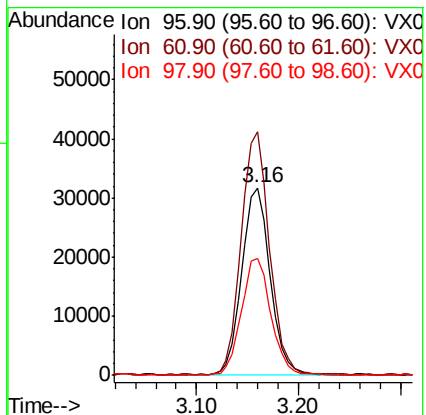
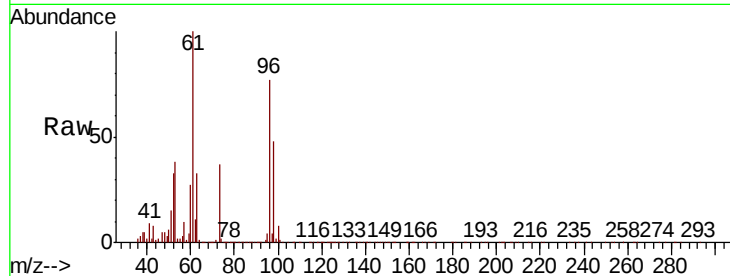
Tgt Ion: 96 Resp: 62023

Ion Ratio Lower Upper

96 100

61 128.9 99.8 149.8

98 61.7 50.3 75.5



#22

Diisopropyl ether

Concen: 19.464 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion: 45 Resp: 181321

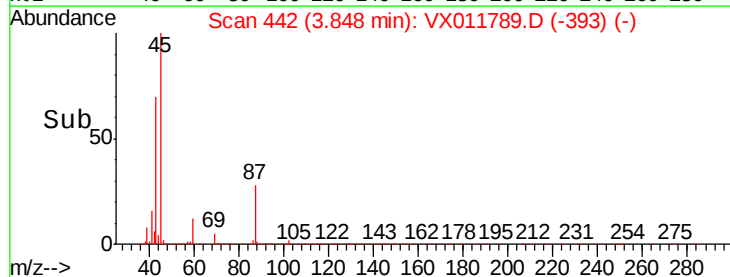
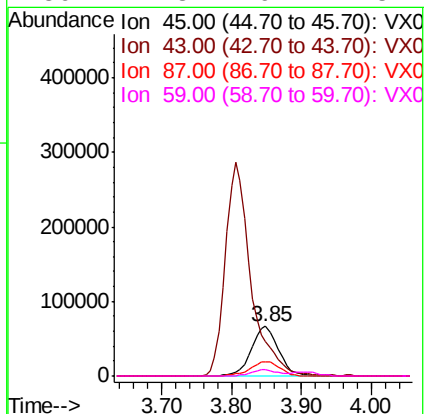
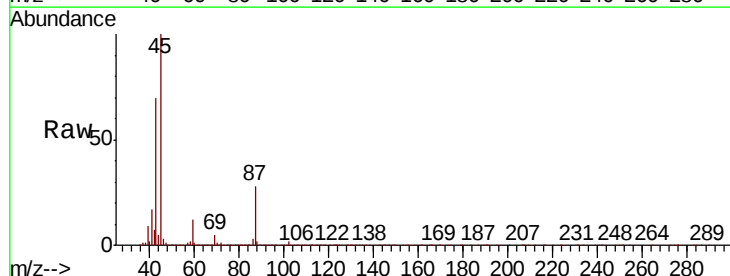
Ion Ratio Lower Upper

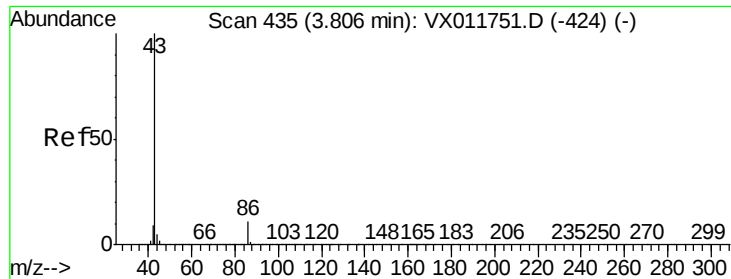
45 100

43 69.4 53.0 79.6

87 28.3 24.7 37.1

59 12.3 9.1 13.7





#23

Vinyl Acetate

Concen: 94.634 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

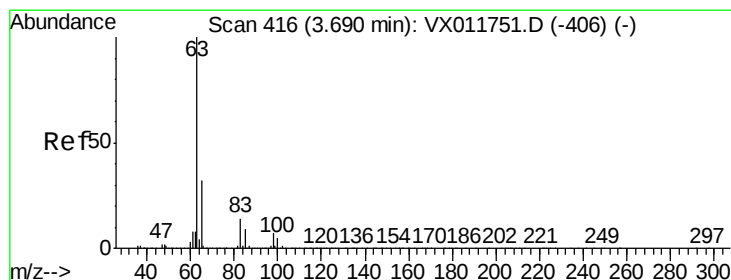
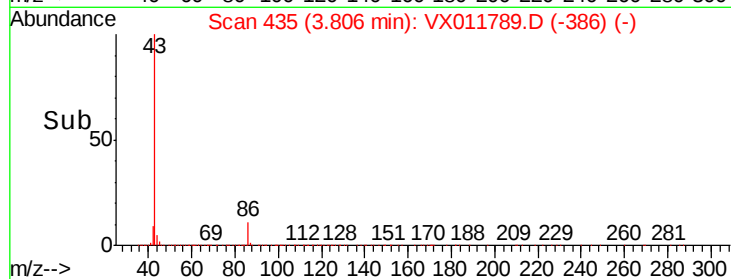
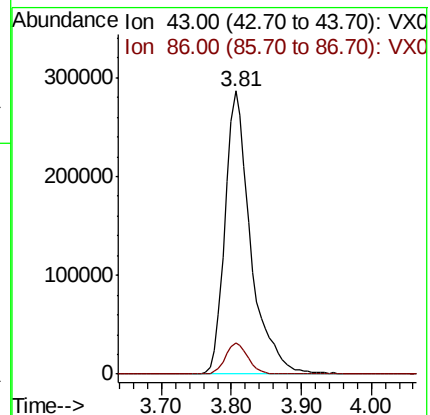
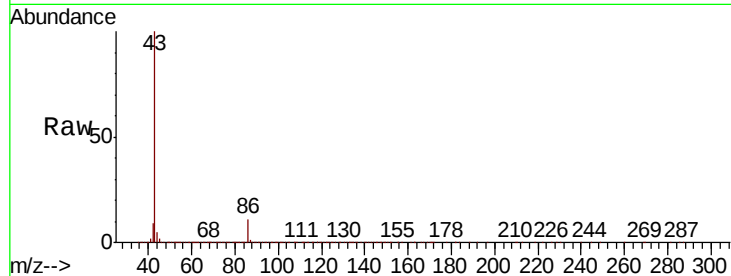
VX0823MBS01

Tgt Ion: 43 Resp: 729910

Ion Ratio Lower Upper

43 100

86 11.2 9.2 13.8



#24

1,1-Dichloroethane

Concen: 18.816 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

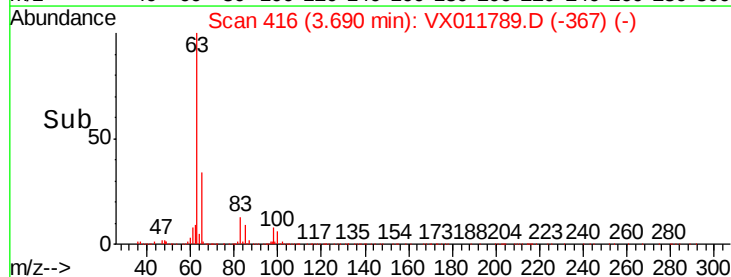
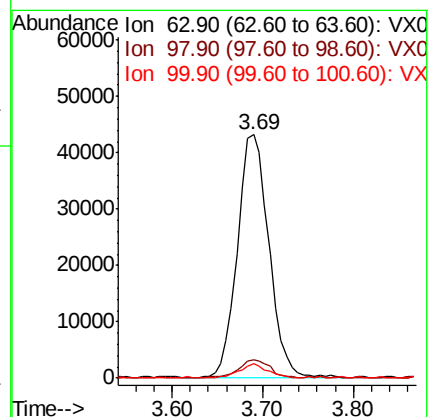
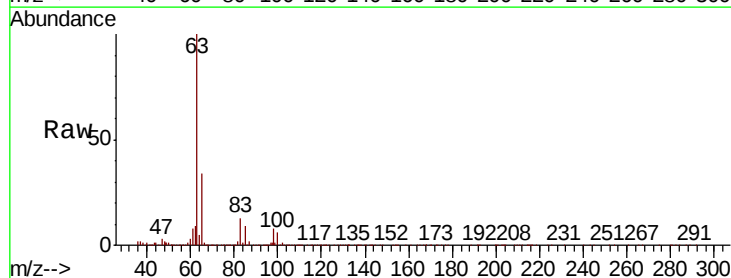
Tgt Ion: 63 Resp: 103494

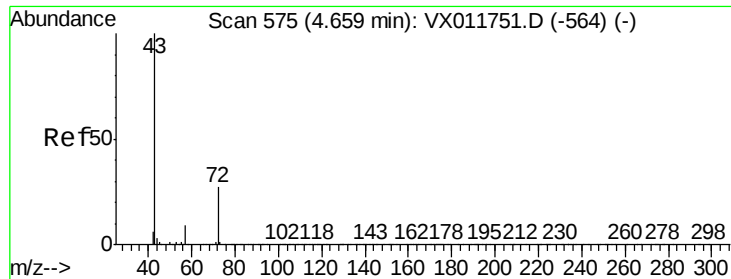
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.7 2.3 6.9





#25

2-Butanone

Concen: 93.785 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

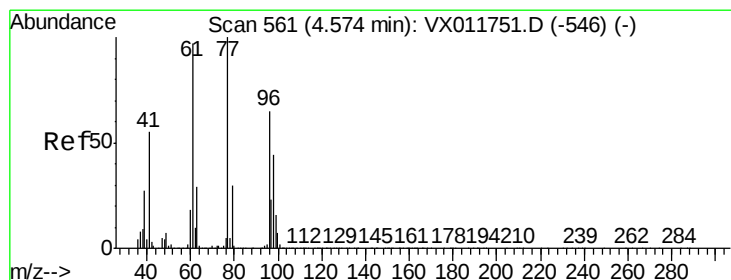
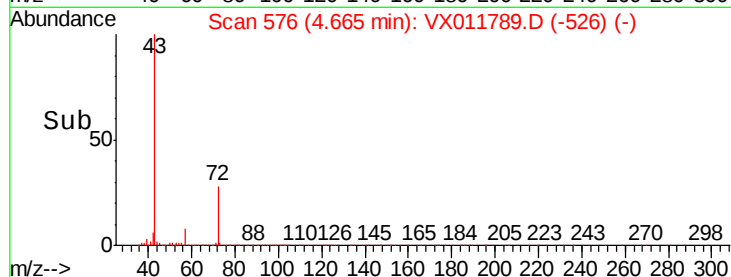
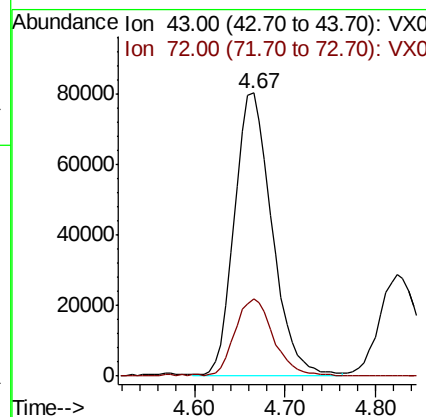
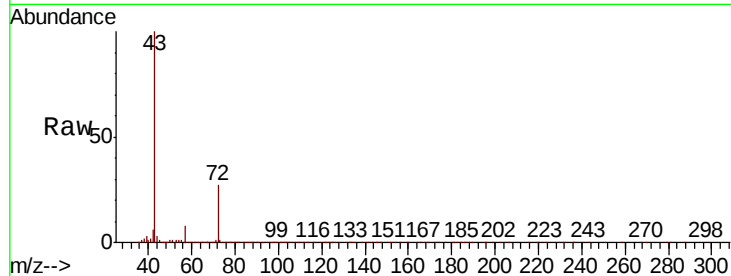
VX0823MBS01

Tgt Ion: 43 Resp: 230040

Ion Ratio Lower Upper

43 100

72 27.3 21.8 32.6



#26

2,2-Dichloropropane

Concen: 17.677 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011789.D

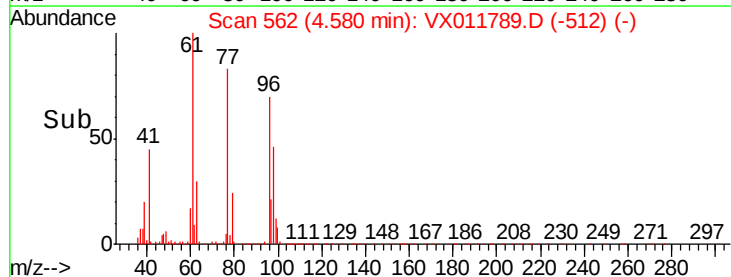
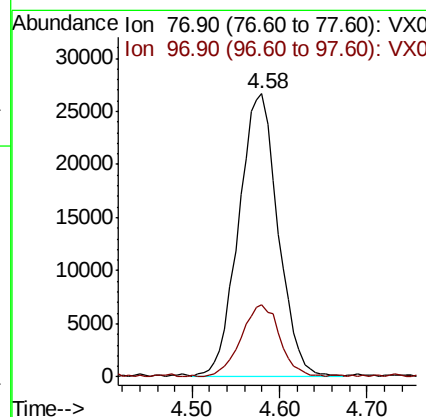
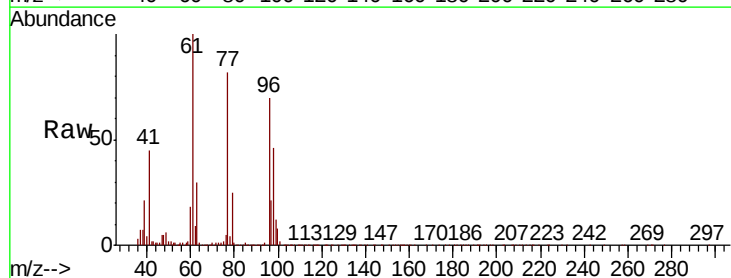
Acq: 23 Aug 2019 11:45

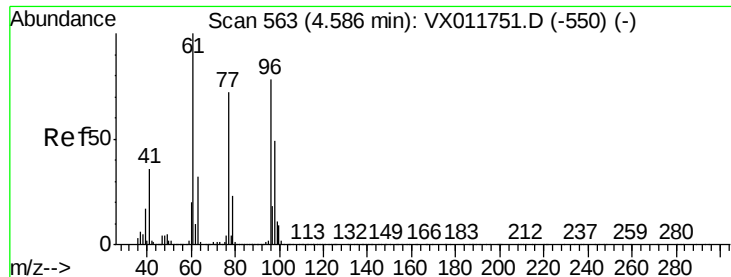
Tgt Ion: 77 Resp: 82567

Ion Ratio Lower Upper

77 100

97 25.7 12.2 36.6



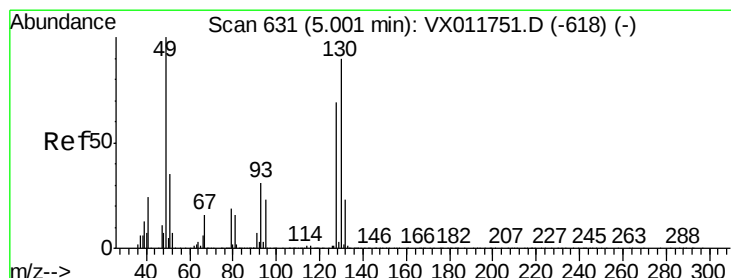
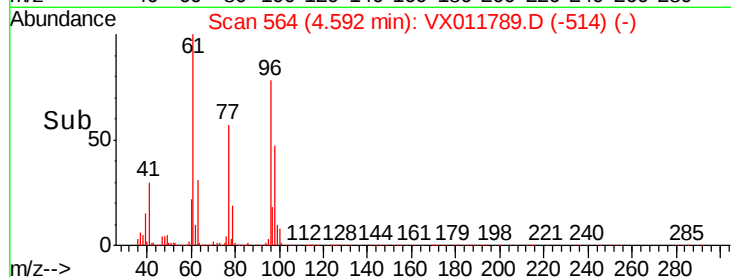
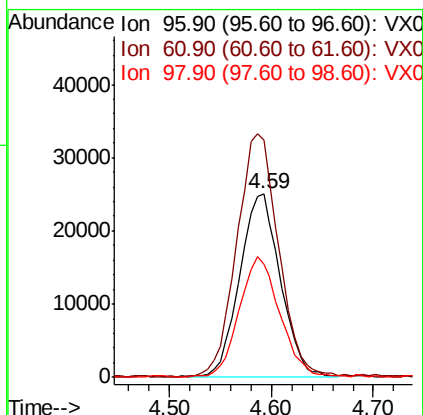
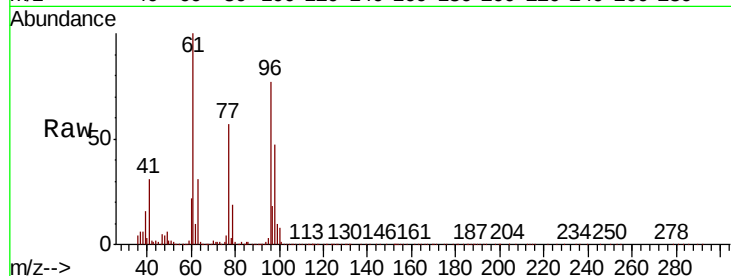


#27

cis-1,2-Dichloroethene
Concen: 18.319 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

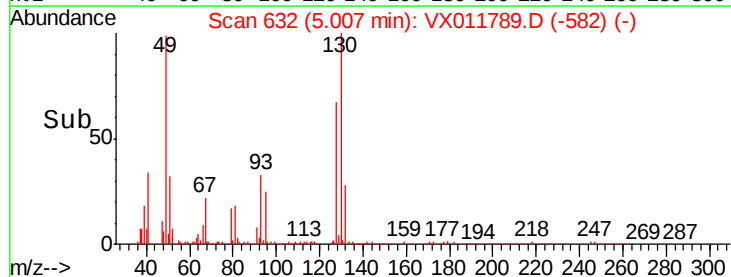
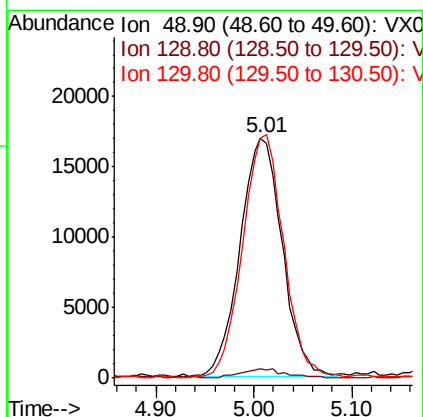
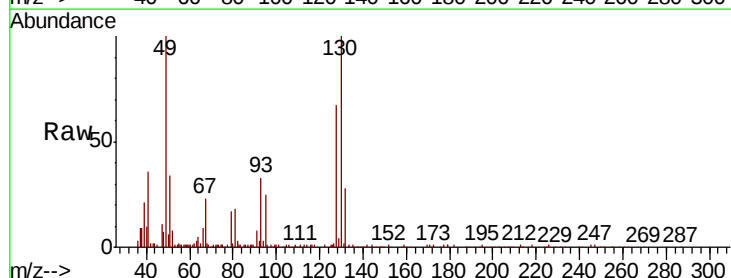
Tgt Ion: 96 Resp: 69646
Ion Ratio Lower Upper
96 100
61 136.0 0.0 275.8
98 64.7 0.0 128.2

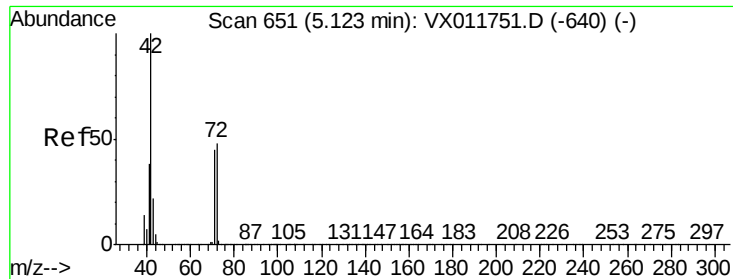


#28

Bromochloromethane
Concen: 20.198 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion: 49 Resp: 50429
Ion Ratio Lower Upper
49 100
129 4.2 0.0 5.8
130 101.0 76.8 115.2

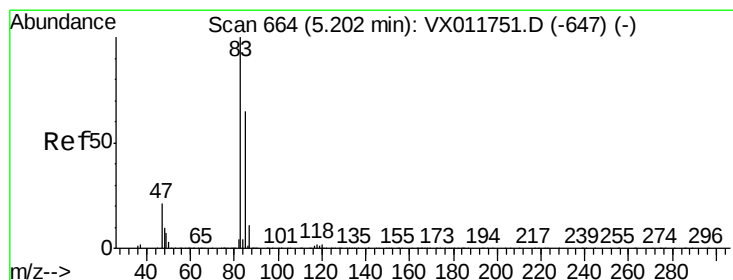
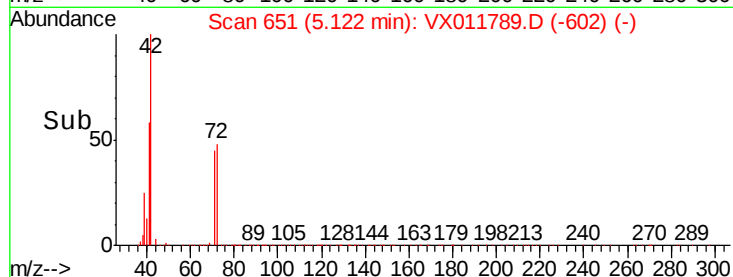
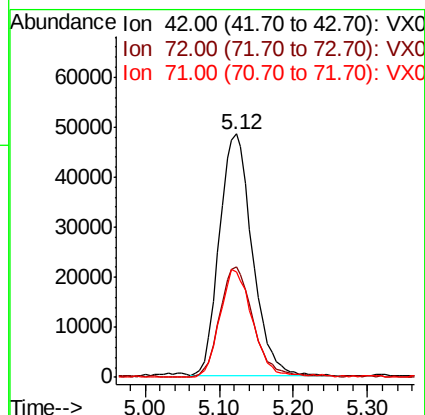
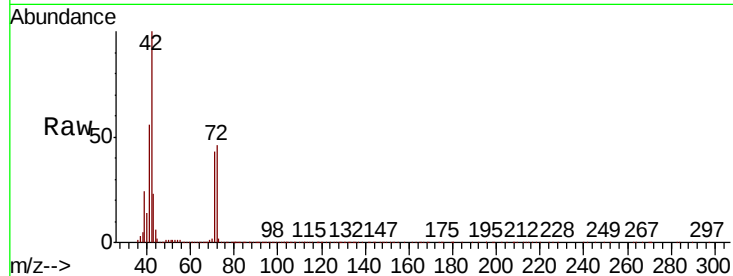




#29
Tetrahydrofuran
Concen: 94.586 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

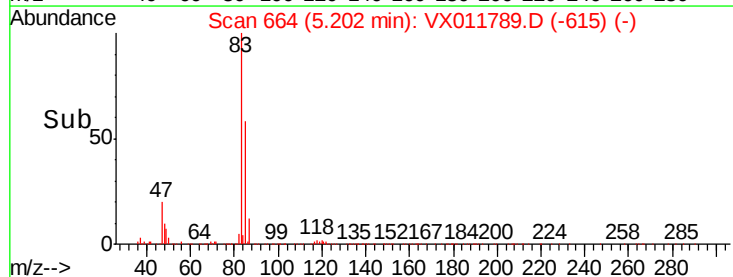
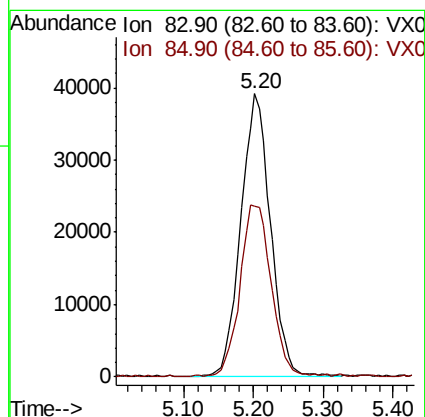
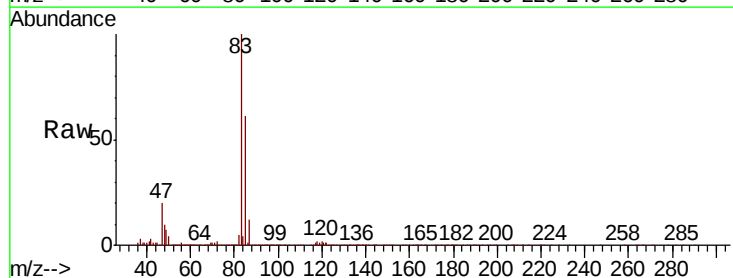
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

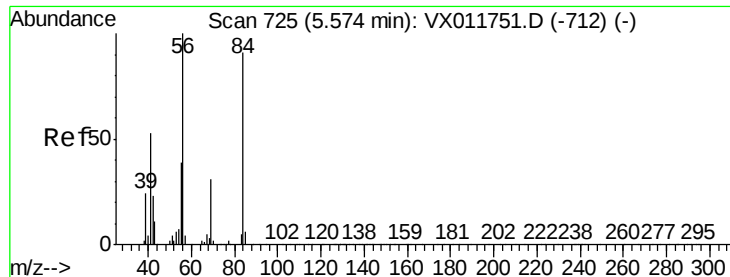
Tgt Ion: 42 Resp: 148721
Ion Ratio Lower Upper
42 100
72 45.7 37.6 56.4
71 43.8 34.6 51.8



#30
Chloroform
Concen: 19.312 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion: 83 Resp: 115241
Ion Ratio Lower Upper
83 100
85 60.1 51.8 77.8

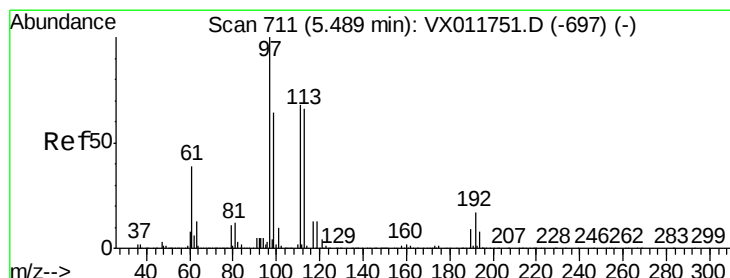
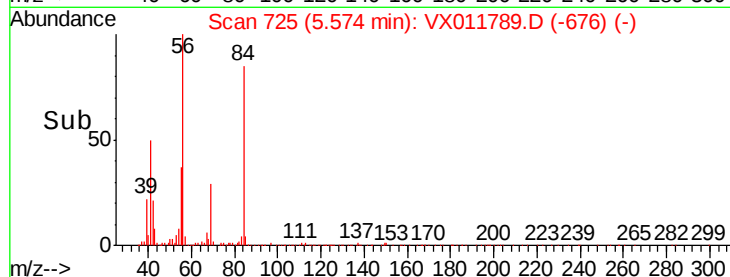
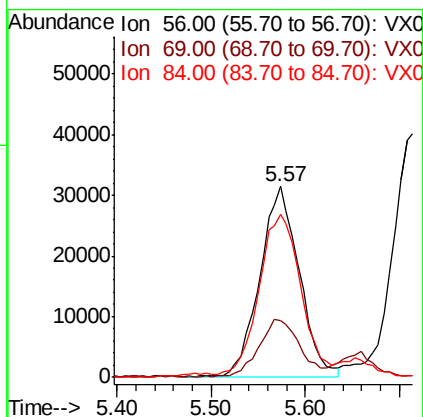
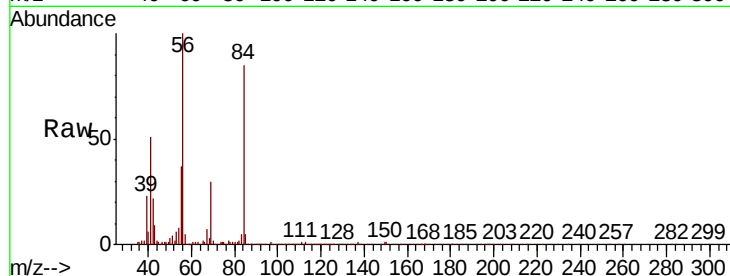




#31
Cyclohexane
Concen: 18.921 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

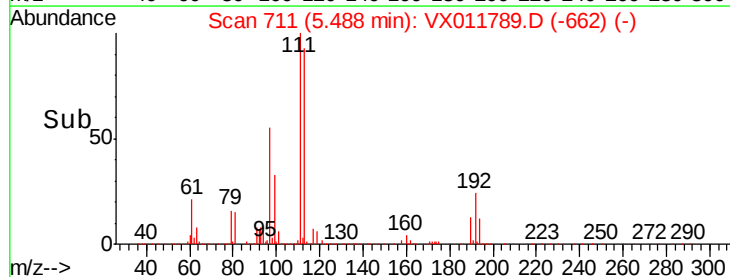
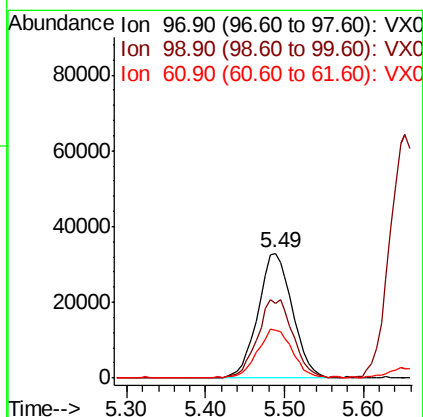
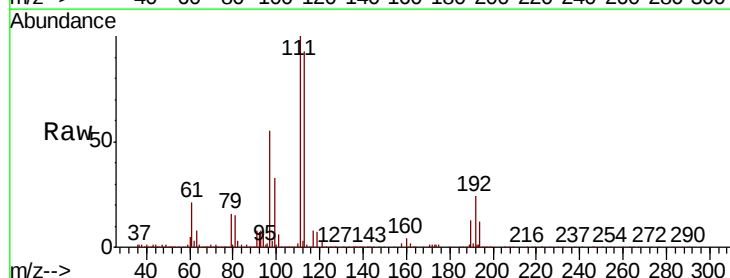
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

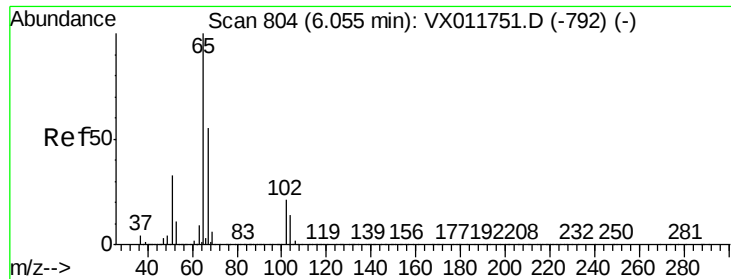
Tgt Ion: 56 Resp: 91398
Ion Ratio Lower Upper
56 100
69 28.6 24.5 36.7
84 84.4 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 19.260 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion: 97 Resp: 99907
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 38.7 31.6 47.4

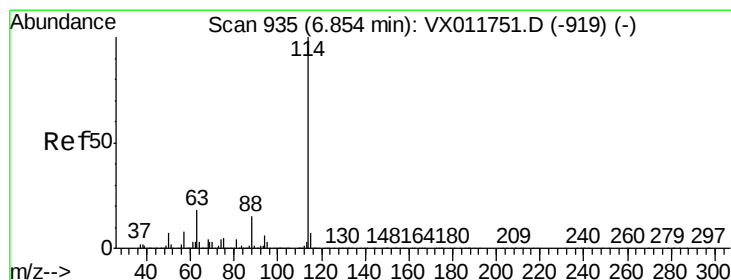
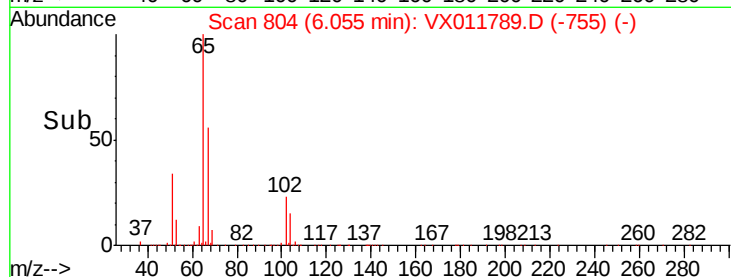
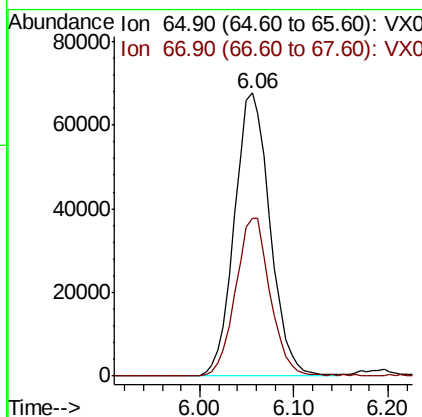
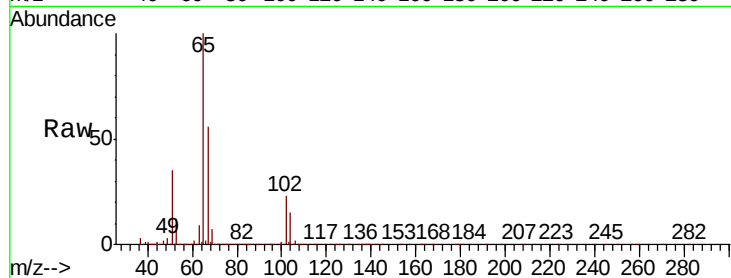




#33
 1,2-Dichloroethane-d4
 Concen: 45.136 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

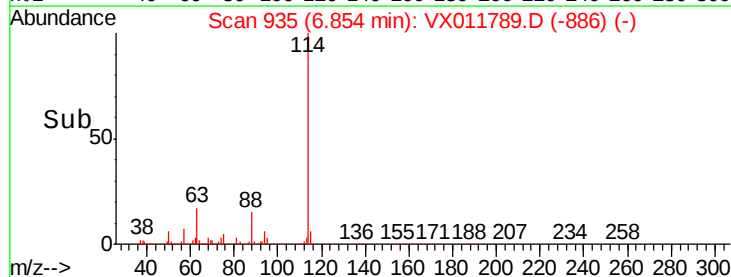
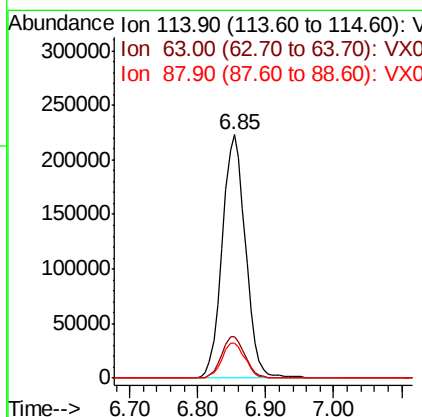
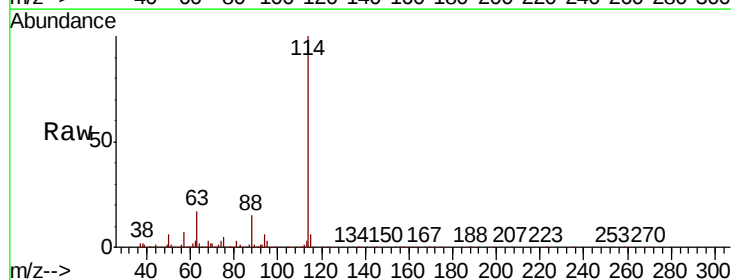
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

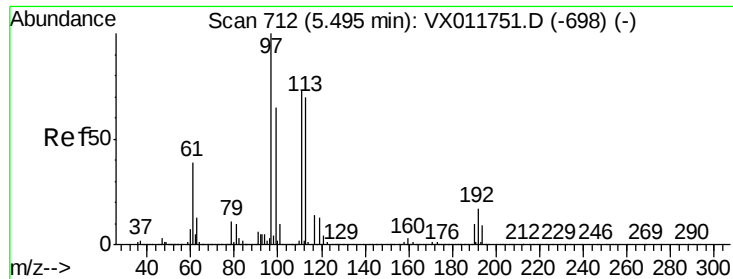
Tgt Ion: 65 Resp: 177313
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion: 114 Resp: 530878
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 36.8
 88 14.5 0.0 30.2

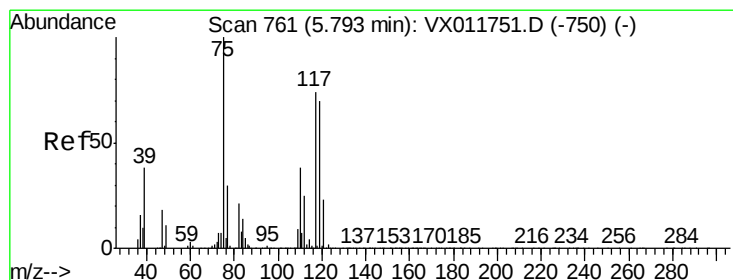
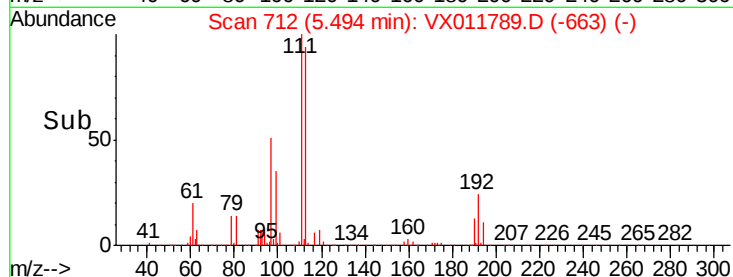
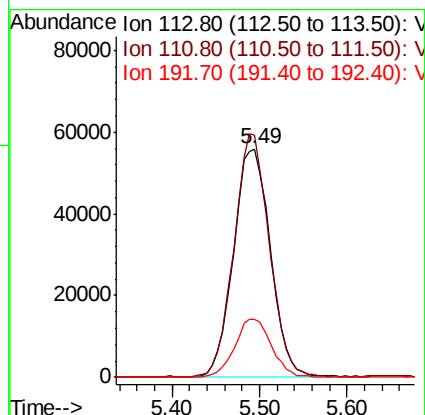
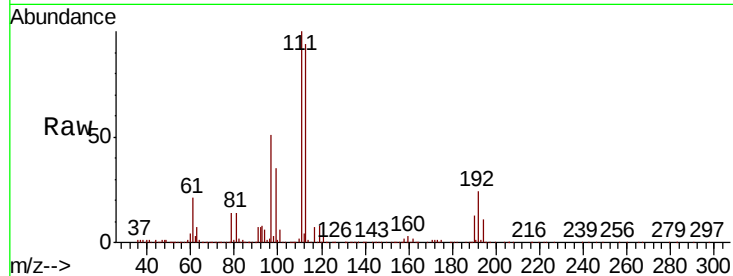




#35
 Dibromofluoromethane
 Concen: 47.745 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

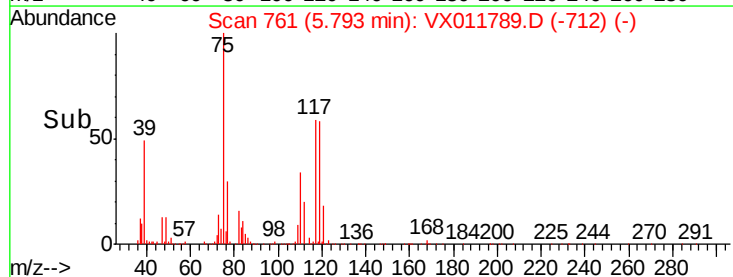
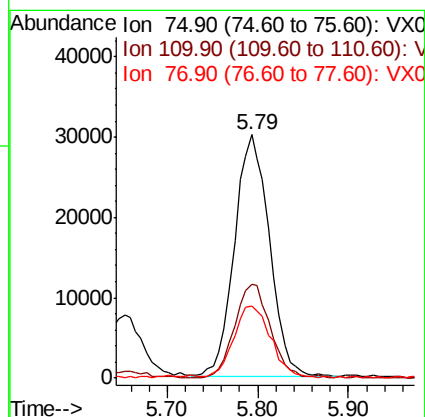
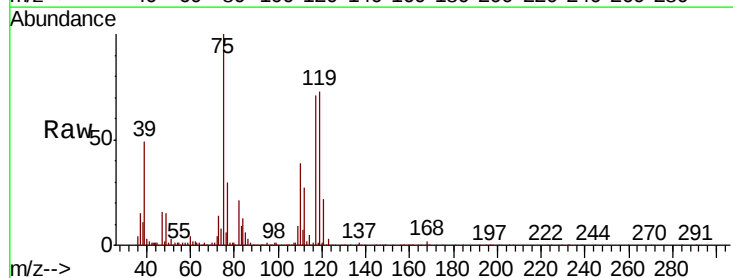
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

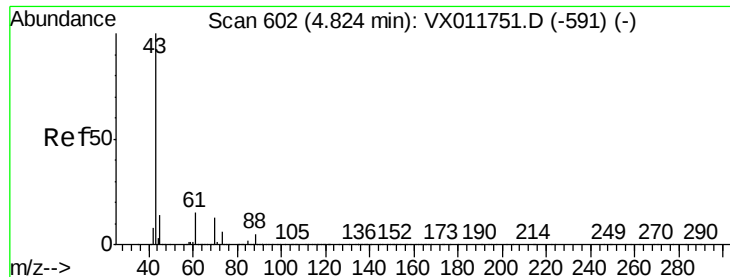
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.4
192	25.6	19.9	29.9



#36
 1,1-Dichloropropene
 Concen: 19.452 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.0	57.0
77	30.7	24.6	36.8

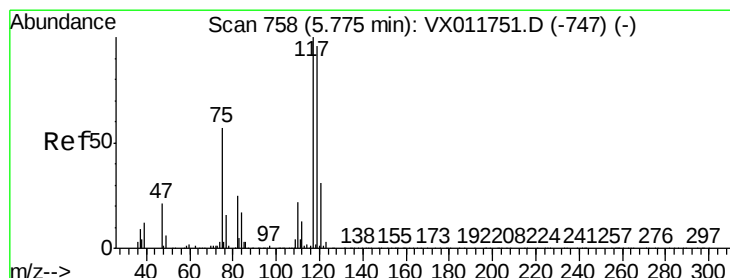
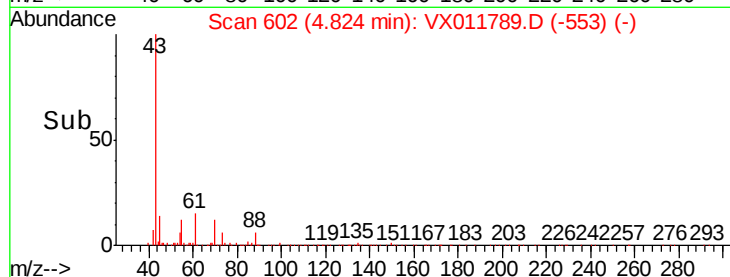
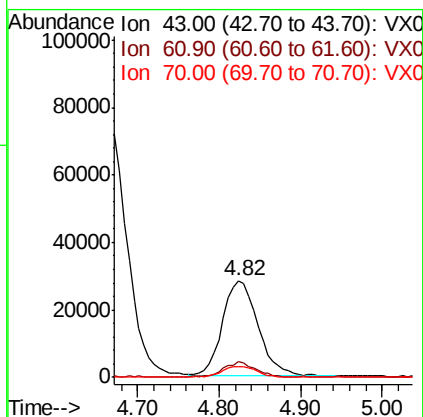
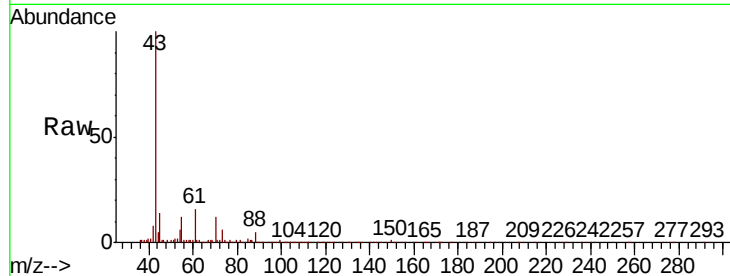




#37
Ethyl Acetate
Concen: 19.414 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

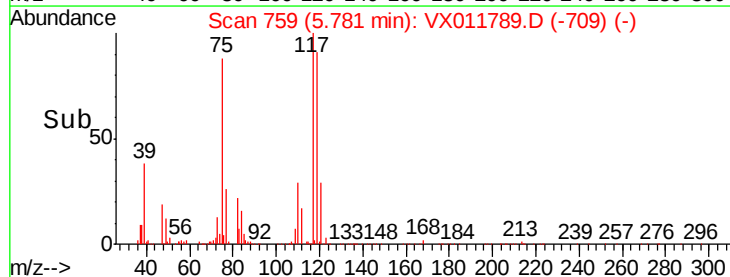
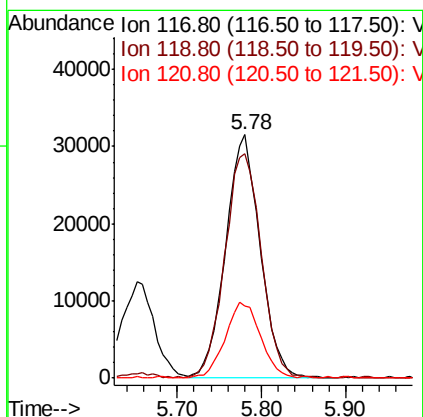
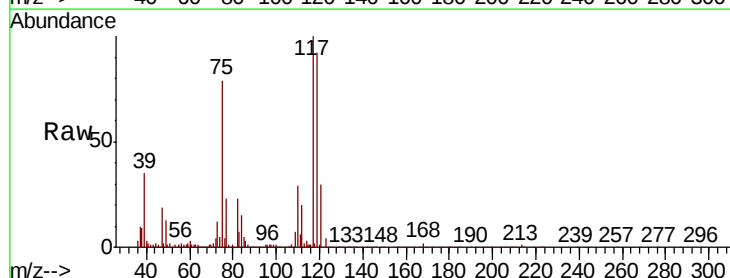
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

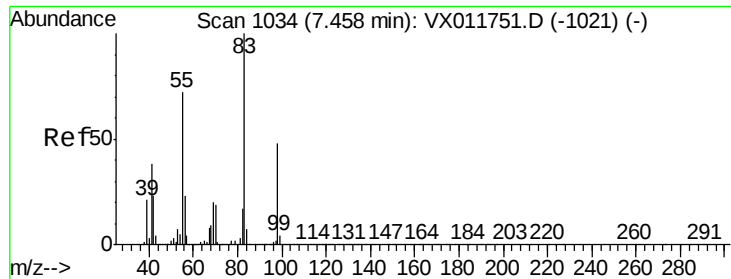
Tgt Ion: 43 Resp: 85528
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 11.2 9.5 14.3



#38
Carbon Tetrachloride
Concen: 18.477 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.01 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion: 117 Resp: 87174
Ion Ratio Lower Upper
117 100
119 91.9 76.6 114.8
121 29.4 25.2 37.8

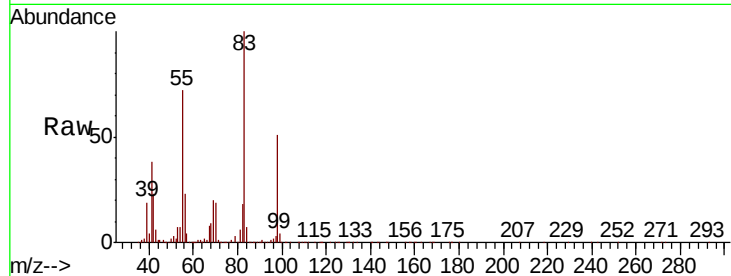




#39
Methylcyclohexane
Concen: 18.510 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.8	86.6
98	50.6	38.6	58.0

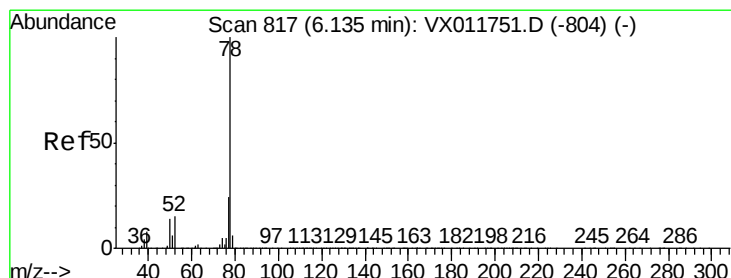
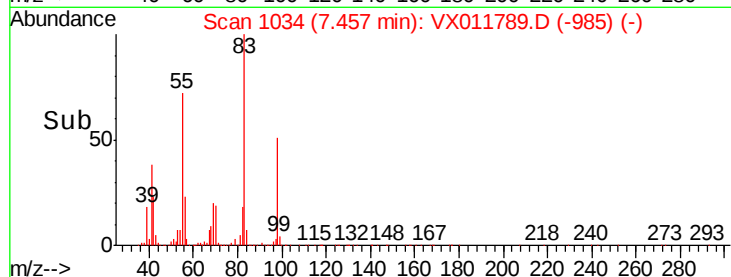
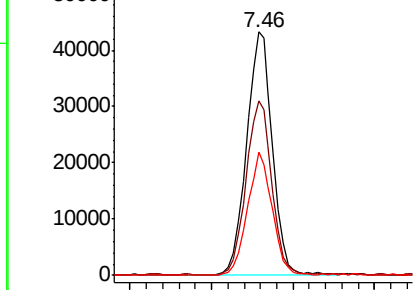


Abundance

Ion 83.00 (82.70 to 83.70): VX0

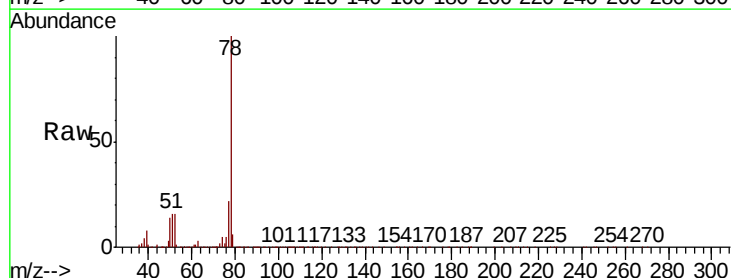
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 19.018 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

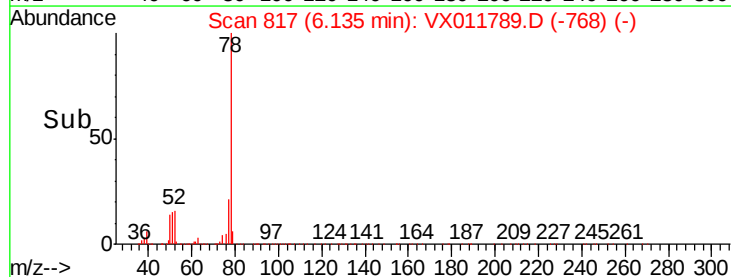
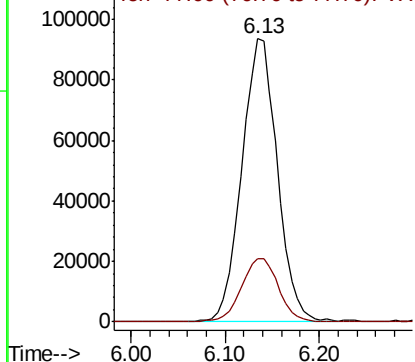
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.1	28.7

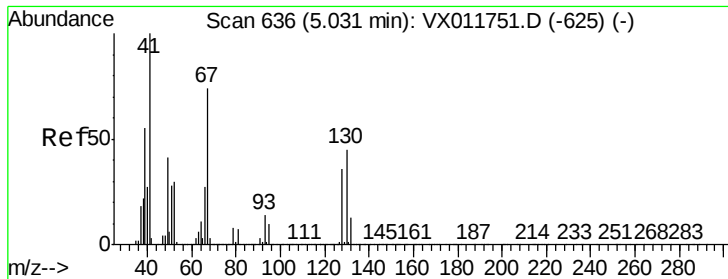


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.457 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tgt Ion: 41 Resp: 47291

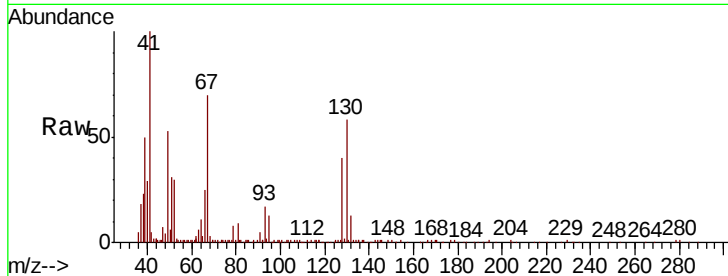
Ion Ratio Lower Upper

41 100

39 55.9 44.3 66.5

67 73.6 60.3 90.5

52 30.1 24.0 36.0

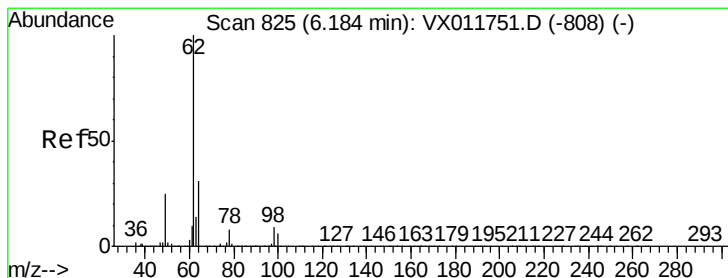
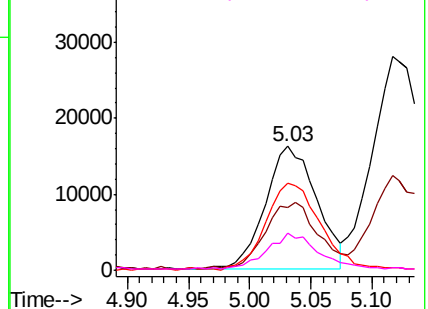
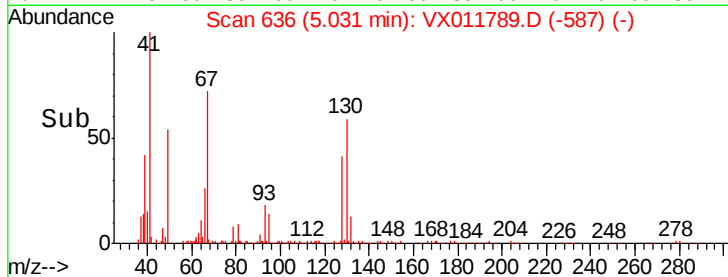


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.691 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX011789.D

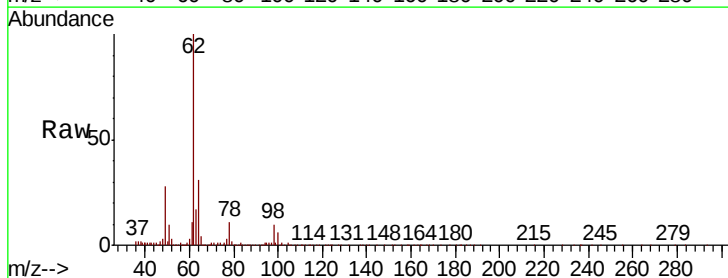
Acq: 23 Aug 2019 11:45

Tgt Ion: 62 Resp: 83282

Ion Ratio Lower Upper

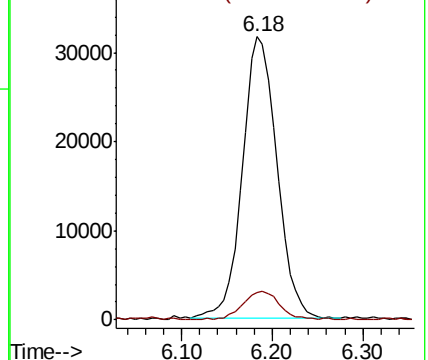
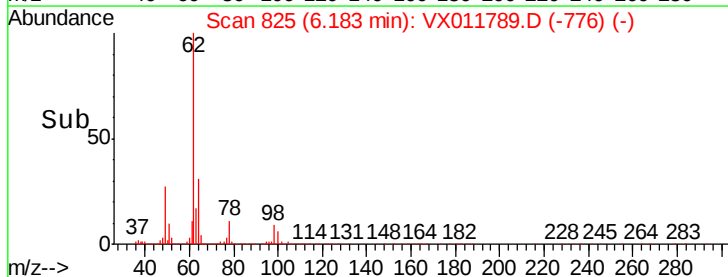
62 100

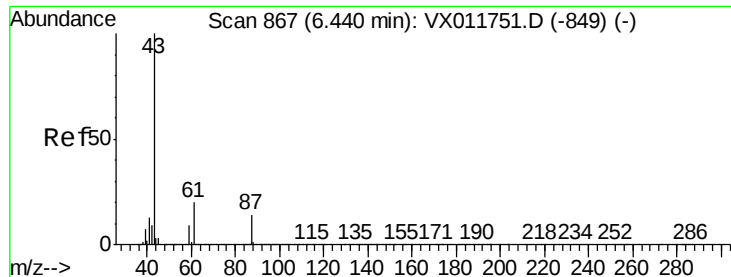
98 11.2 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.140 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

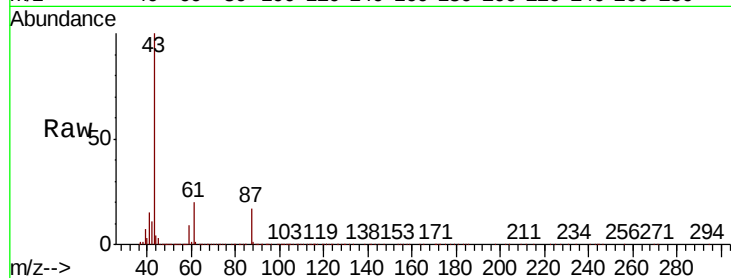
Tgt Ion: 43 Resp: 129349

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.2

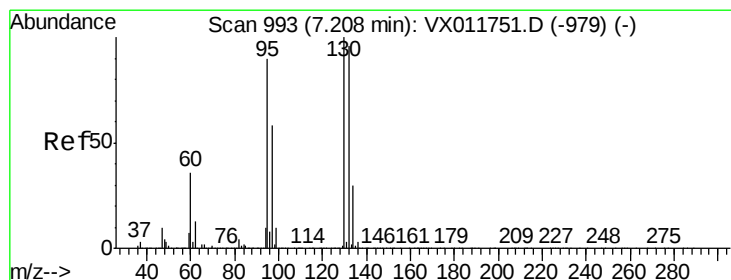
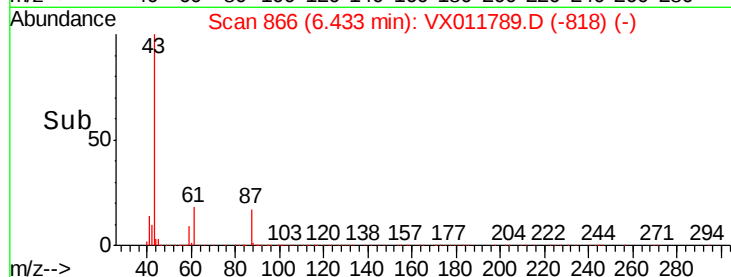
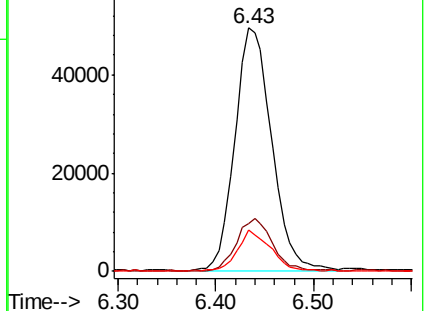
87 15.0 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.676 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion: 130 Resp: 74141

Ion Ratio Lower Upper

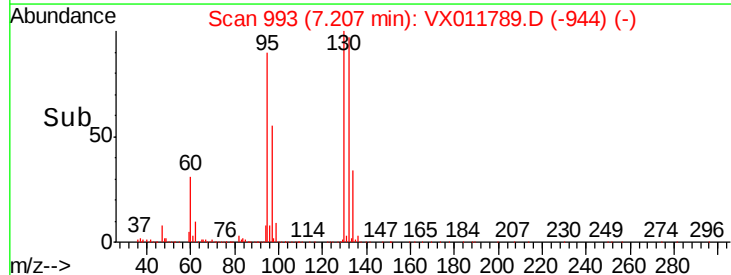
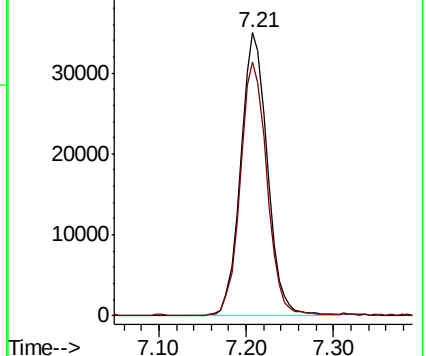
130 100

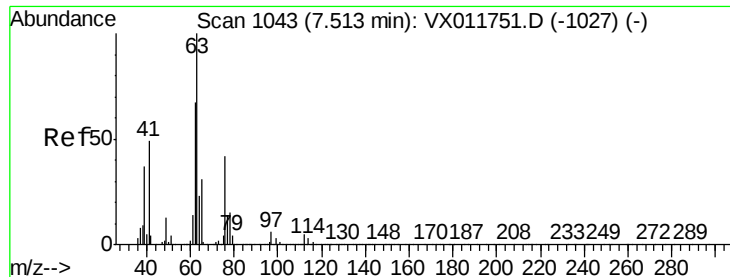
95 89.9 0.0 179.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

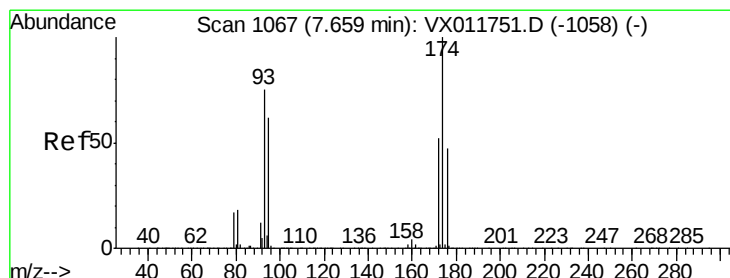
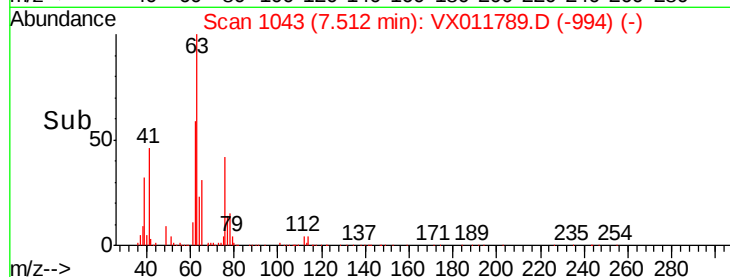
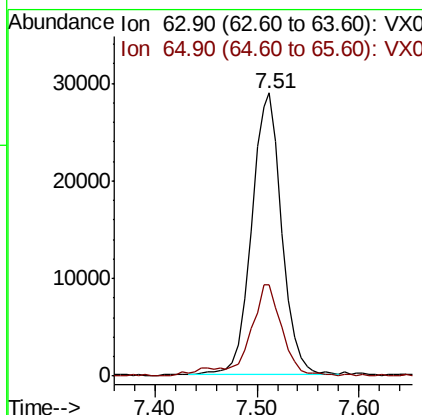
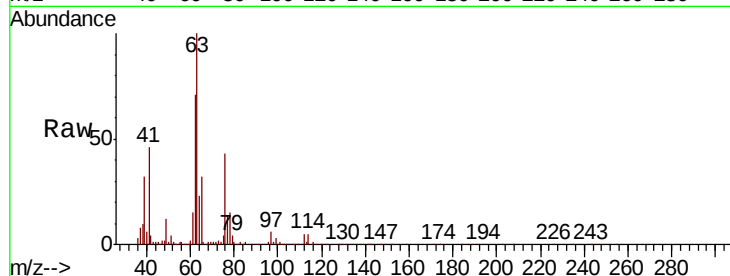




#45
 1,2-Dichloropropane
 Concen: 18.264 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

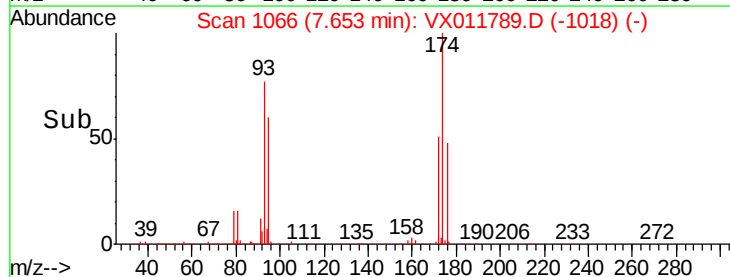
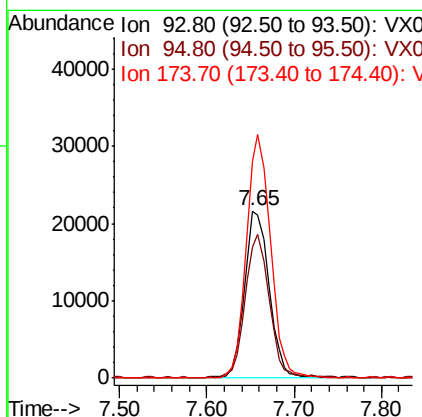
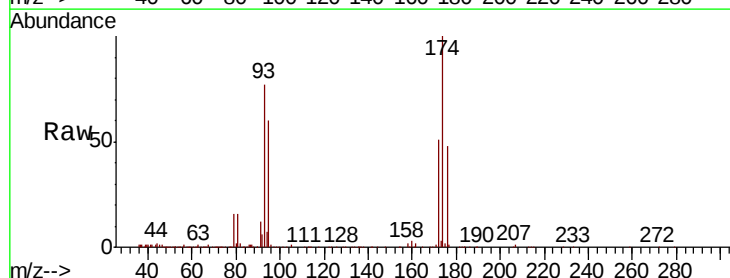
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

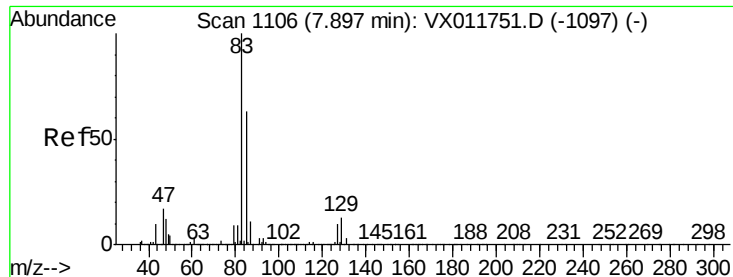
Tgt Ion: 63 Resp: 59121
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.8 37.2



#46
 Dibromomethane
 Concen: 17.956 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion: 93 Resp: 42851
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.2
 174 141.1 104.2 156.4

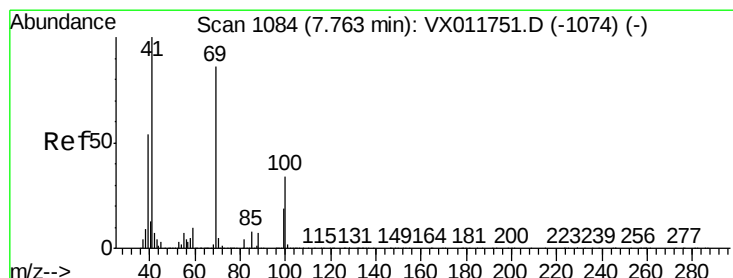
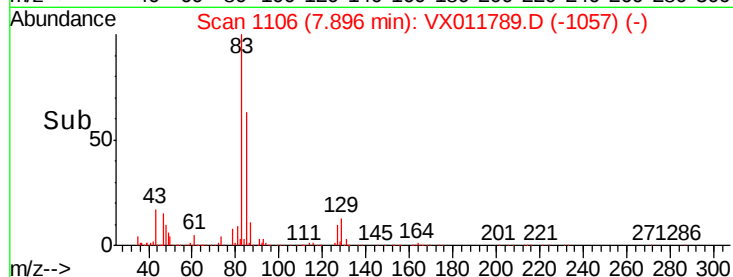
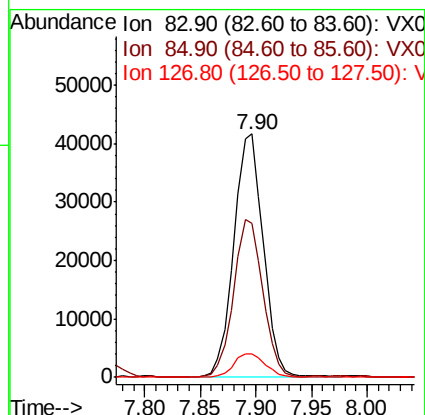
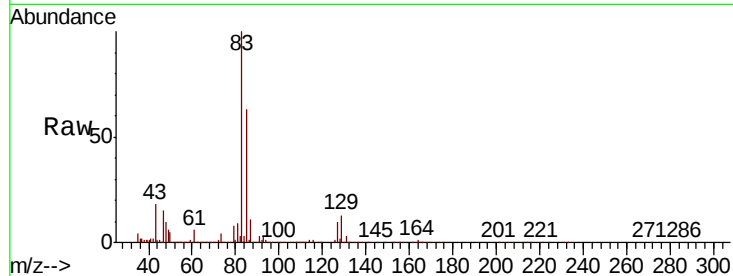




#47
 Bromodichloromethane
 Concen: 17.755 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

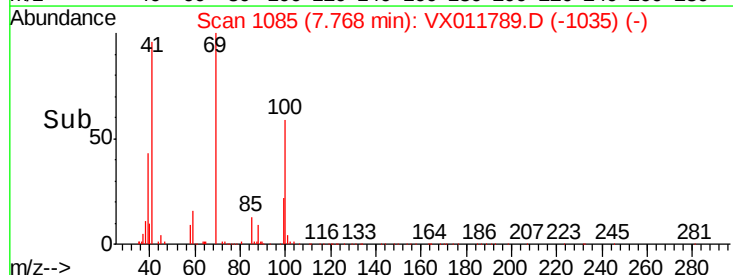
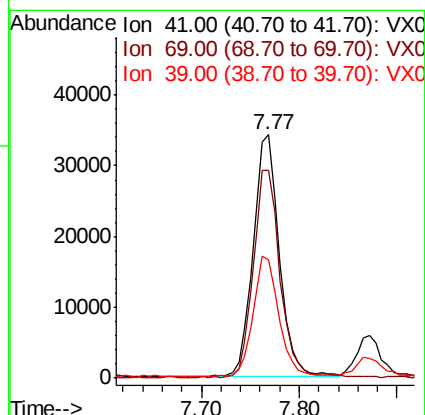
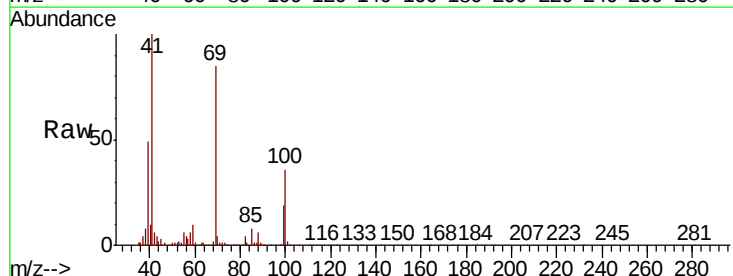
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

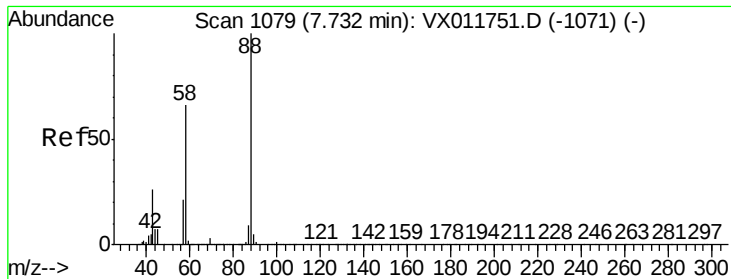
Tgt Ion: 83 Resp: 76276
 Ion Ratio Lower Upper
 83 100
 85 63.0 50.6 76.0
 127 9.7 8.4 12.6



#48
 Methyl methacrylate
 Concen: 17.932 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion: 41 Resp: 63633
 Ion Ratio Lower Upper
 41 100
 69 88.2 69.4 104.2
 39 49.3 43.6 65.4

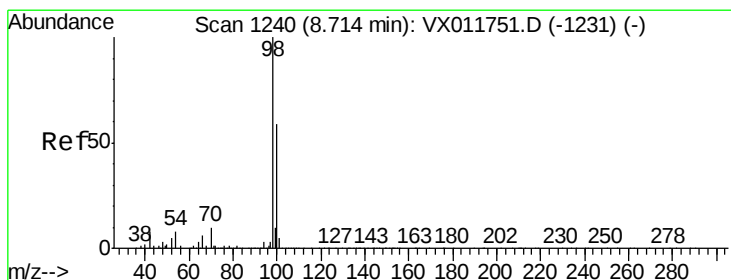
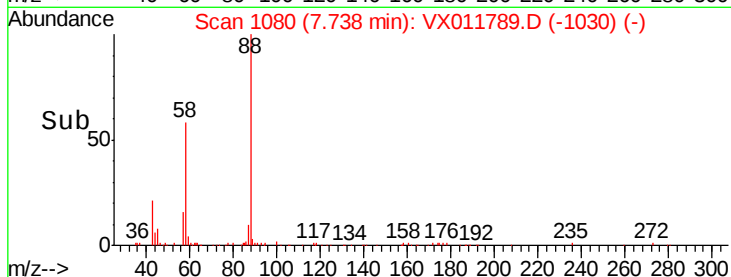
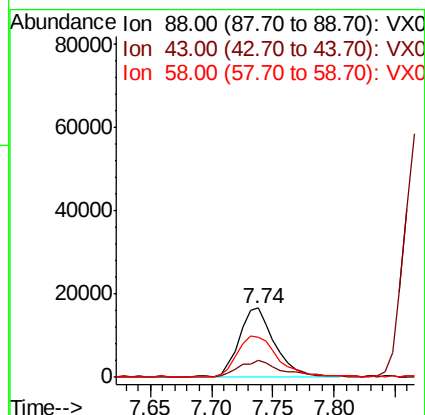
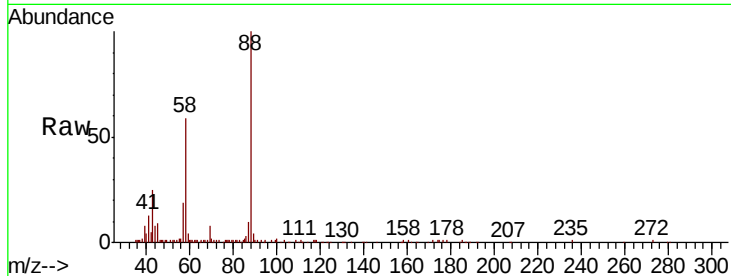




#49
 1,4-Dioxane
 Concen: 339.167 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

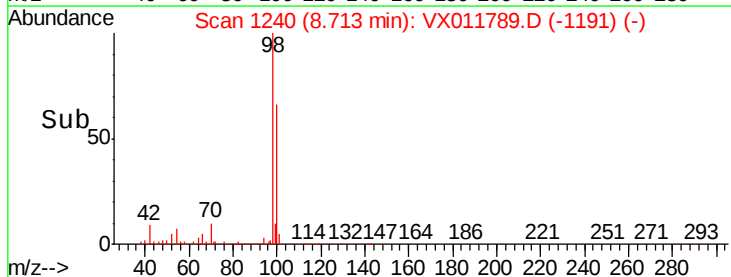
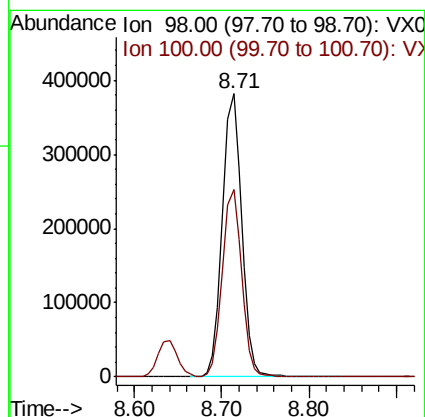
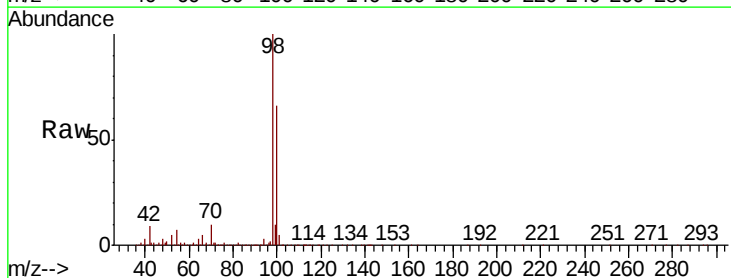
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

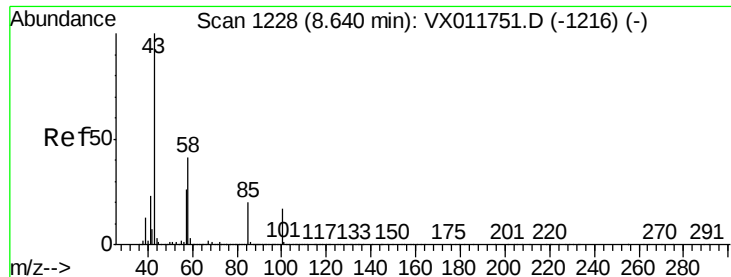
Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.5	24.6	37.0
58	70.2	51.4	77.2



#50
 Toluene-d8
 Concen: 48.941 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.1	78.1

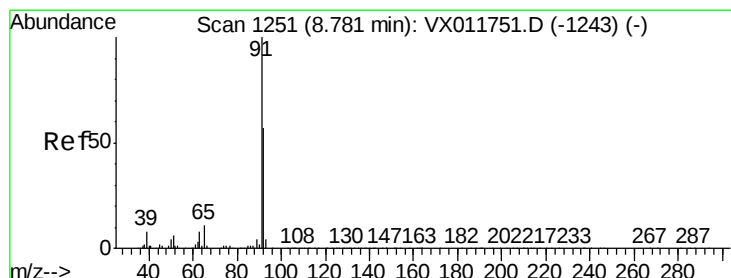
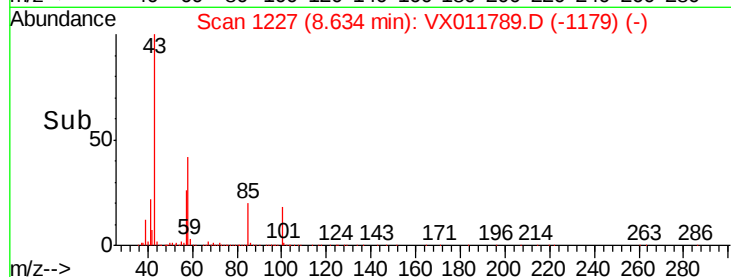
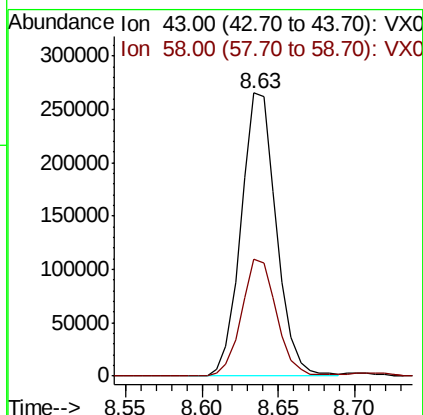
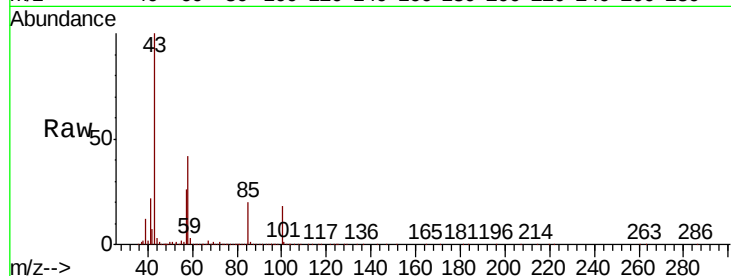




#51
 4-Methyl-2-Pentanone
 Concen: 90.037 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

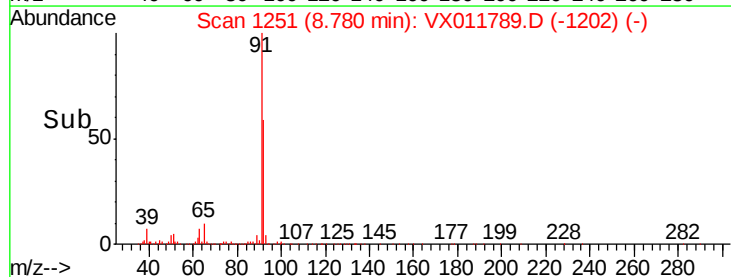
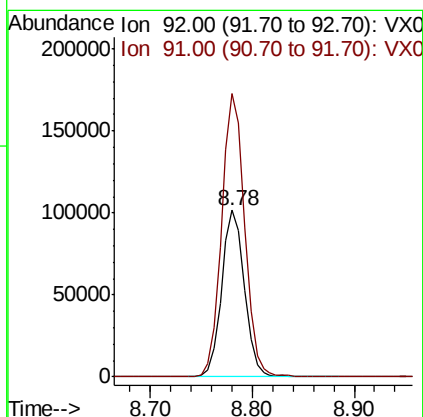
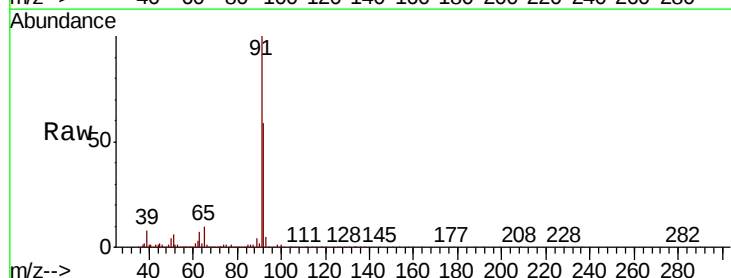
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

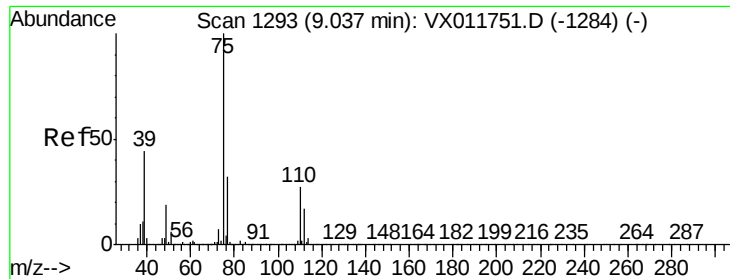
Tgt Ion: 43 Resp: 423033
 Ion Ratio Lower Upper
 43 100
 58 41.1 31.8 47.6



#52
 Toluene
 Concen: 18.878 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion: 92 Resp: 157323
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 17.115 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

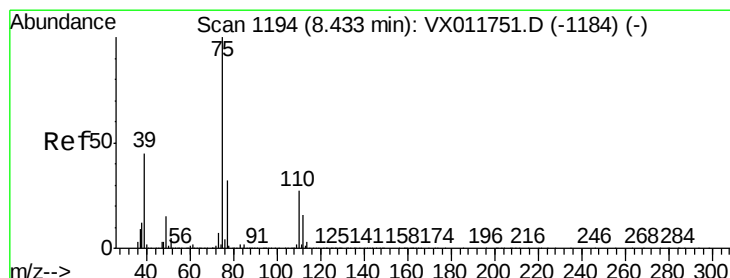
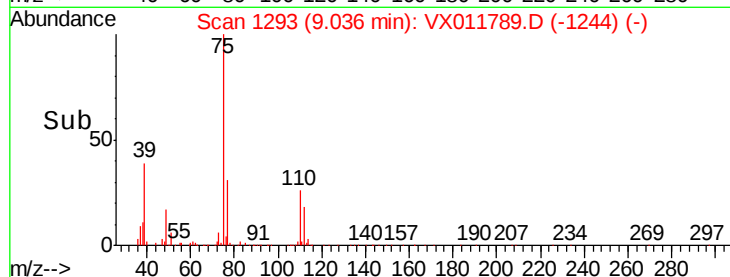
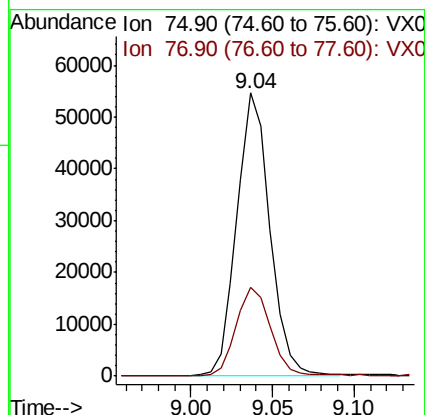
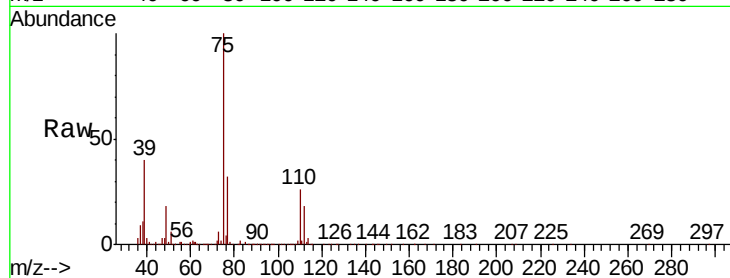
VX0823MBS01

Tgt Ion: 75 Resp: 77188

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.531 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

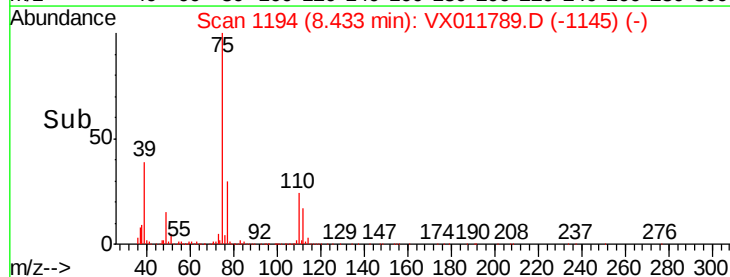
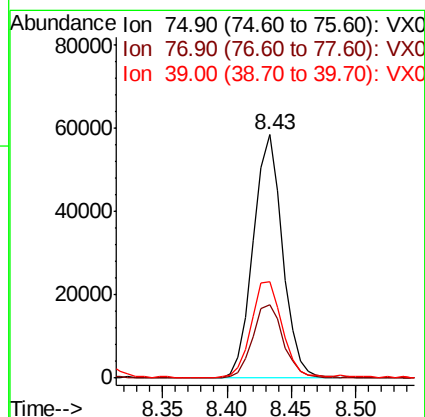
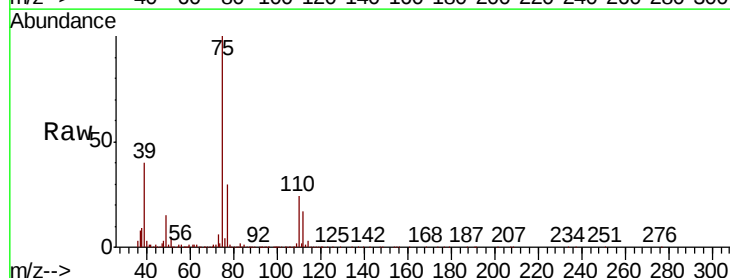
Tgt Ion: 75 Resp: 91169

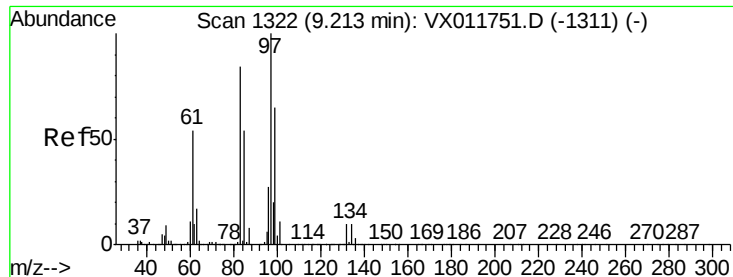
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.2

39 39.3 36.2 54.4

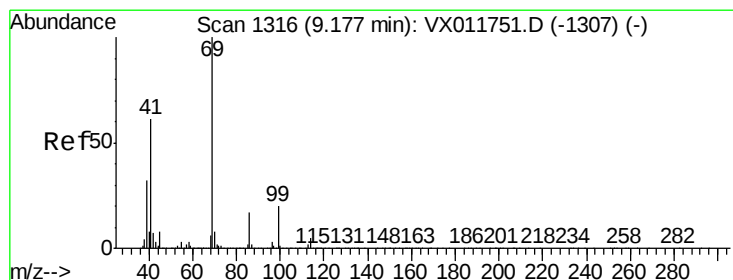
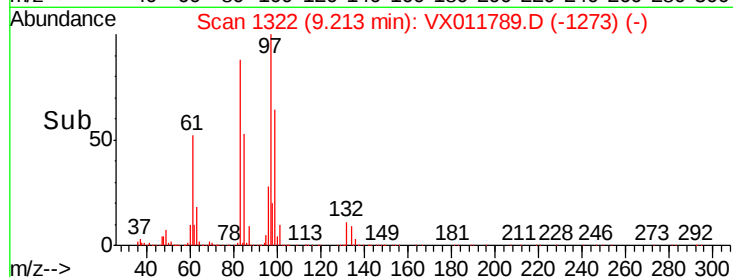
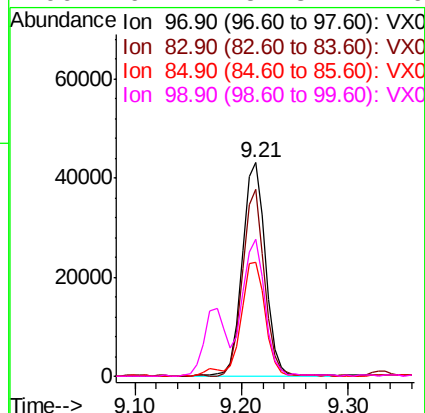
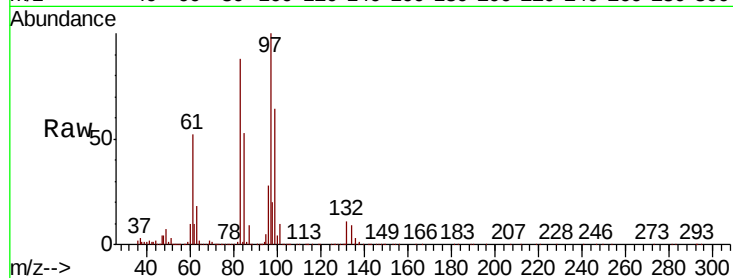




#55
 1,1,2-Trichloroethane
 Concen: 19.101 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

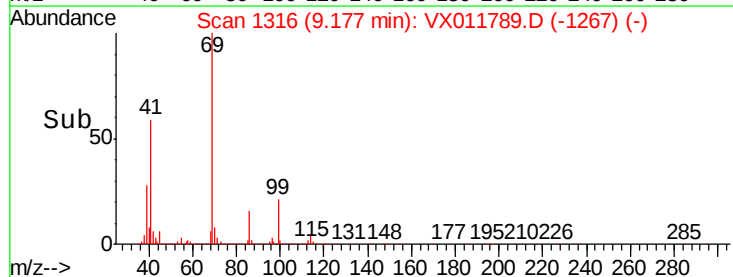
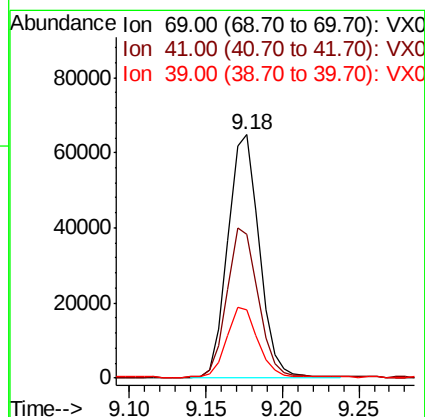
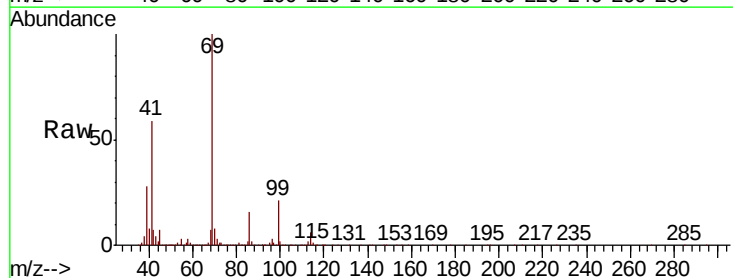
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

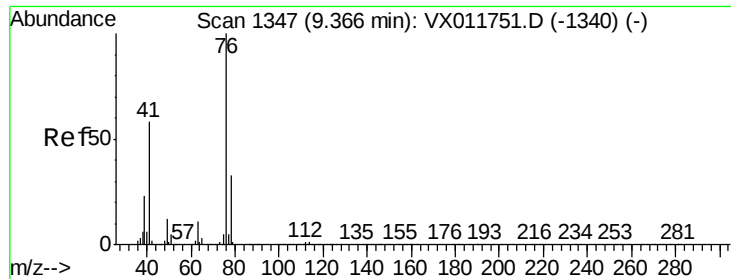
Tgt Ion:	97	Resp:	66321
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.3	100.9
85	53.3	43.4	65.2
99	64.1	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 18.872 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion:	69	Resp:	93185
Ion	Ratio	Lower	Upper
69	100		
41	60.9	50.7	76.1
39	29.1	26.4	39.6





#57

1,3-Dichloropropane

Concen: 18.307 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

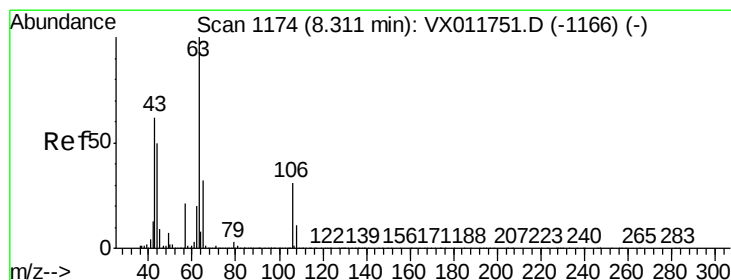
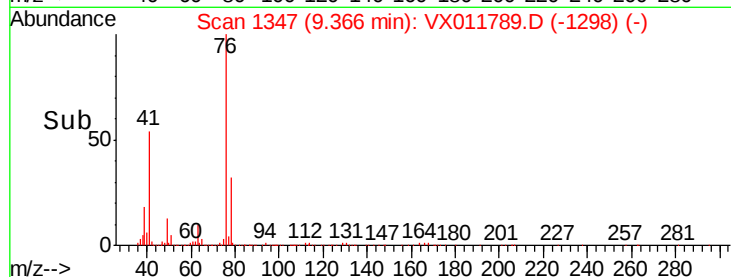
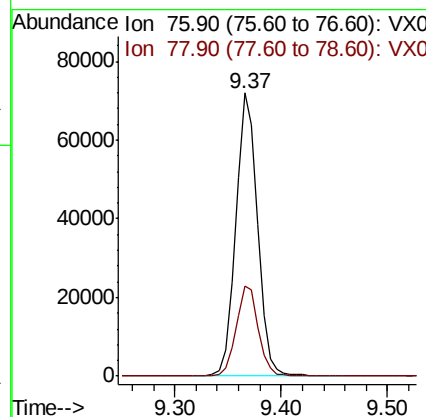
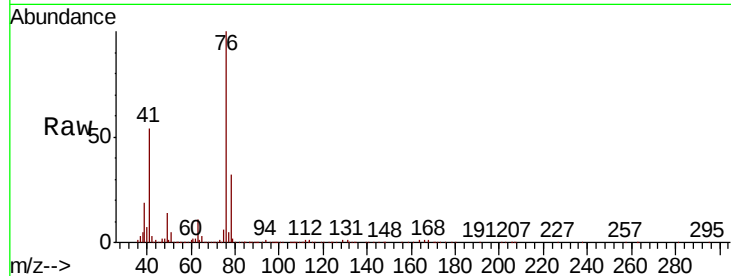
VX0823MBS01

Tgt Ion: 76 Resp: 102632

Ion Ratio Lower Upper

76 100

78 32.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.788 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011789.D

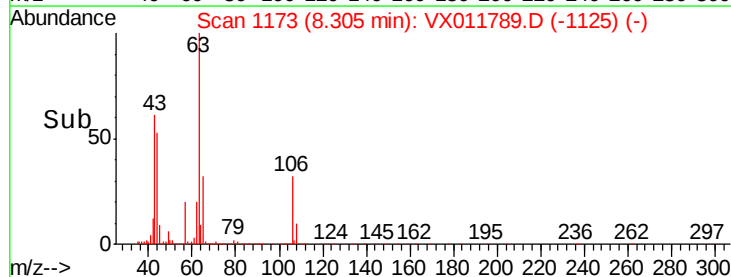
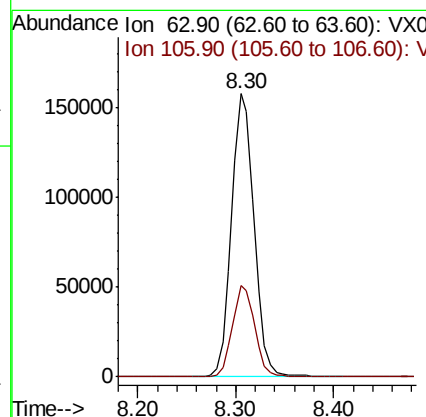
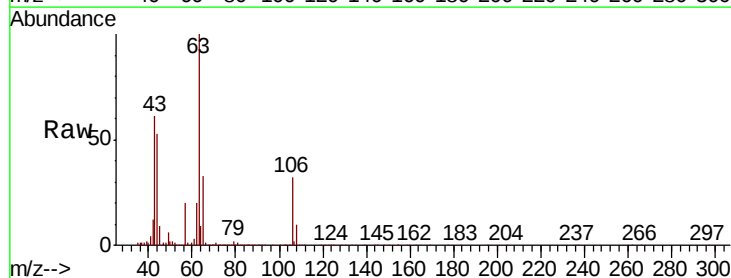
Acq: 23 Aug 2019 11:45

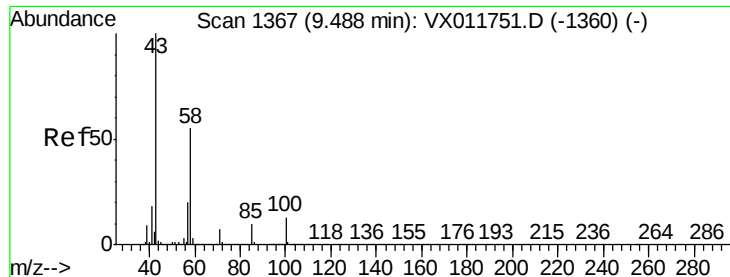
Tgt Ion: 63 Resp: 251404

Ion Ratio Lower Upper

63 100

106 32.2 24.9 37.3





#59

2-Hexanone

Concen: 90.536 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

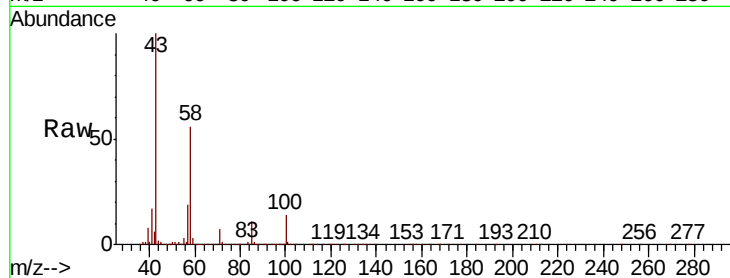
VX0823MBS01

Tgt Ion: 43 Resp: 326487

Ion Ratio Lower Upper

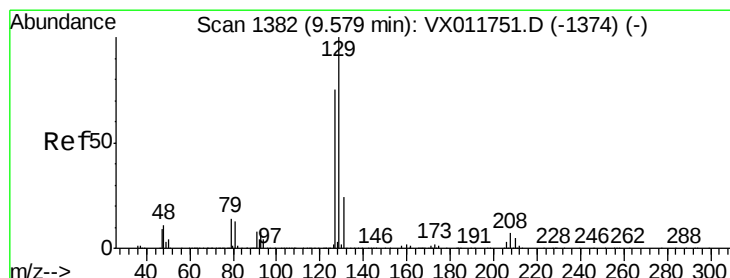
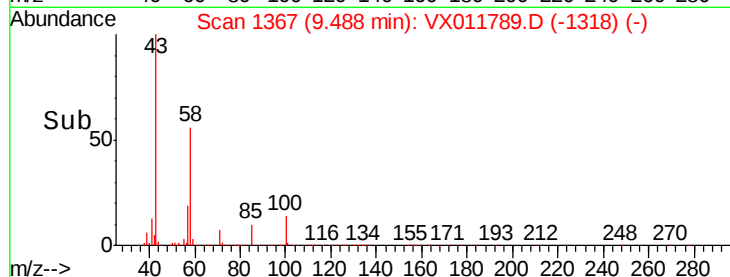
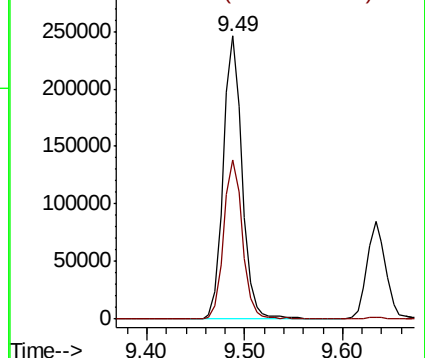
43 100

58 56.4 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 18.222 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX011789.D

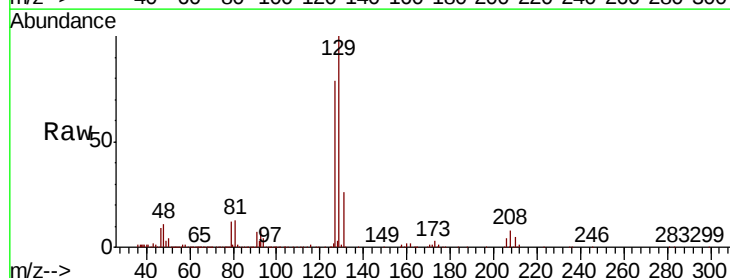
Acq: 23 Aug 2019 11:45

Tgt Ion: 129 Resp: 68405

Ion Ratio Lower Upper

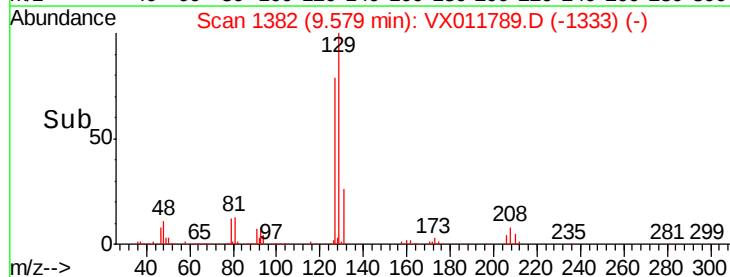
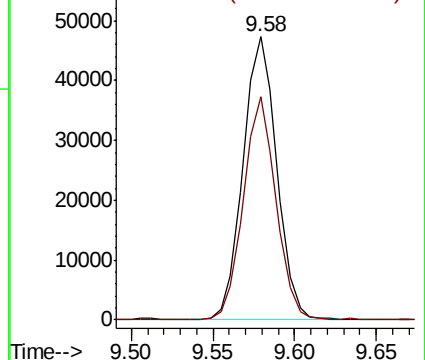
129 100

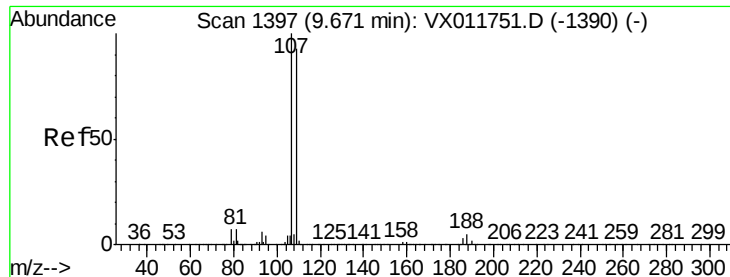
127 76.2 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 18.809 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

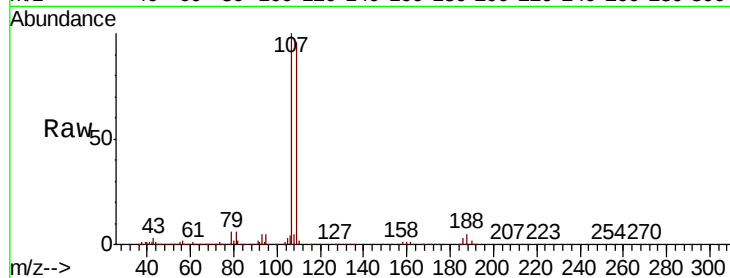
VX0823MBS01

Tgt Ion: 107 Resp: 70073

Ion Ratio Lower Upper

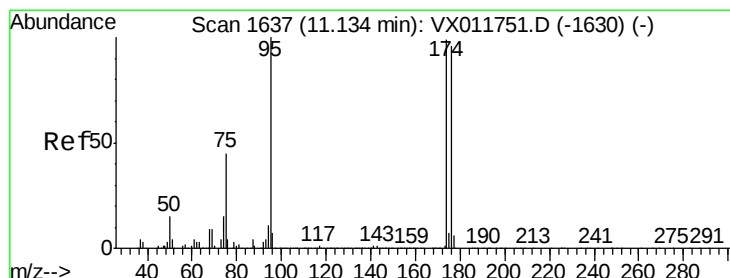
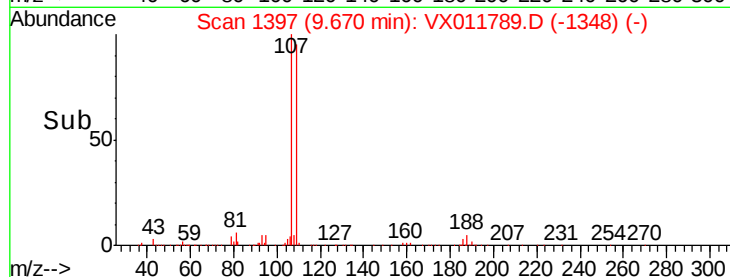
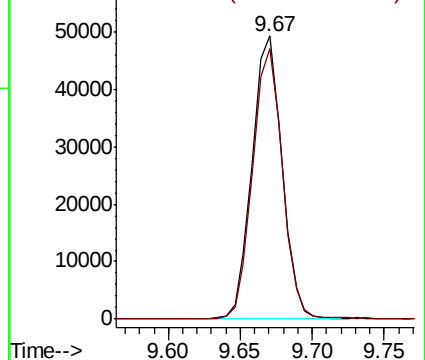
107 100

109 95.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.040 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

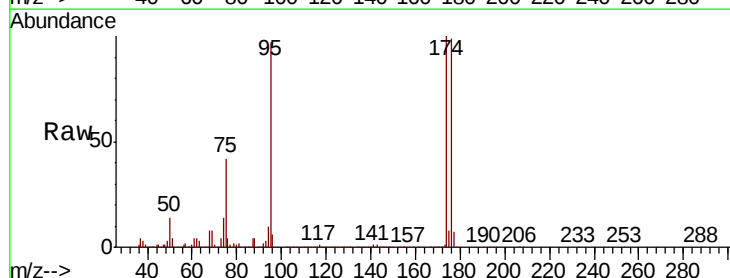
Tgt Ion: 95 Resp: 213167

Ion Ratio Lower Upper

95 100

174 105.9 0.0 197.4

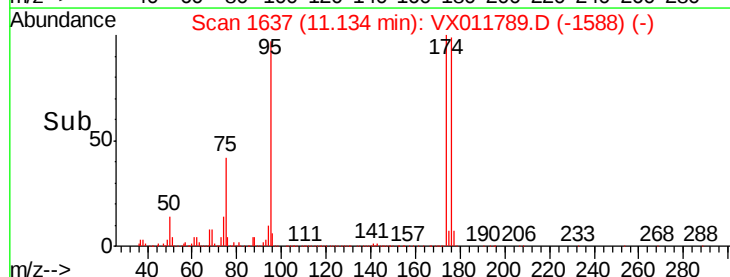
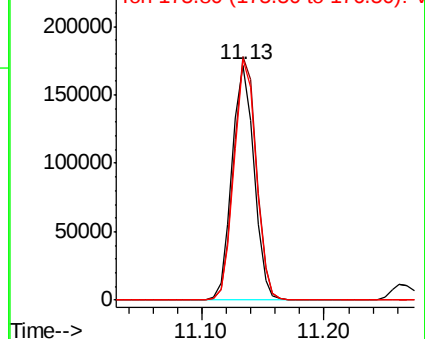
176 102.3 0.0 194.4

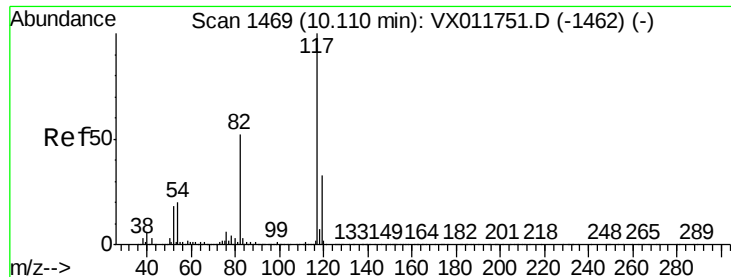


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

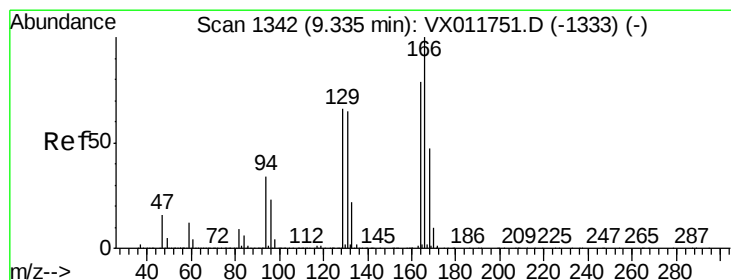
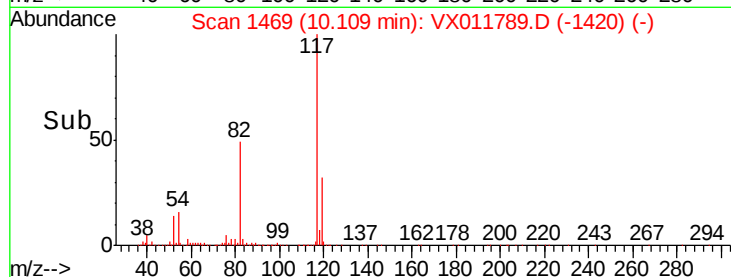
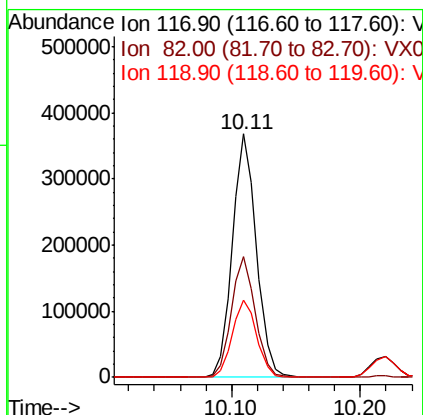
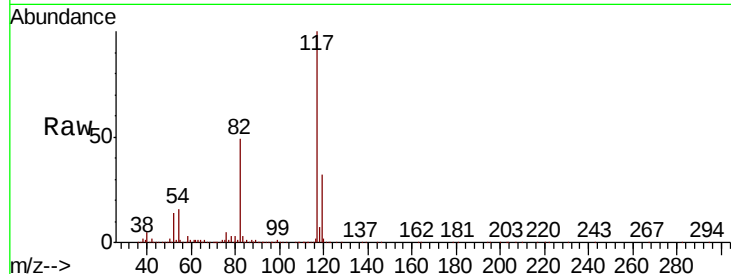




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

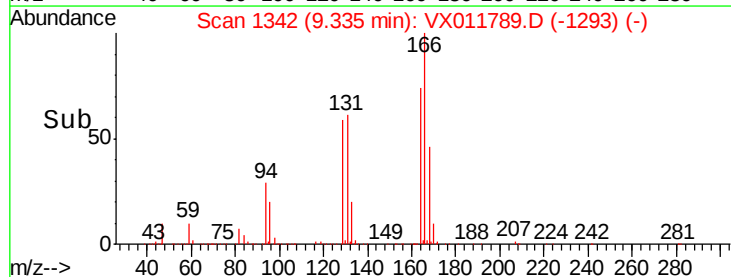
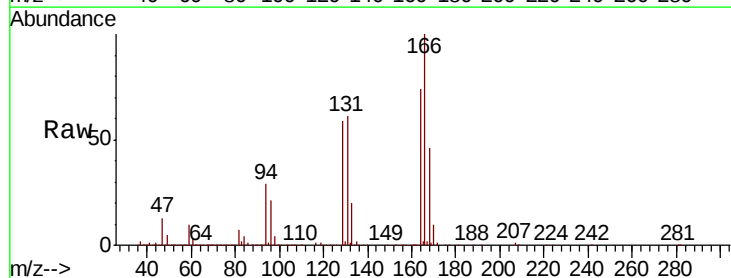
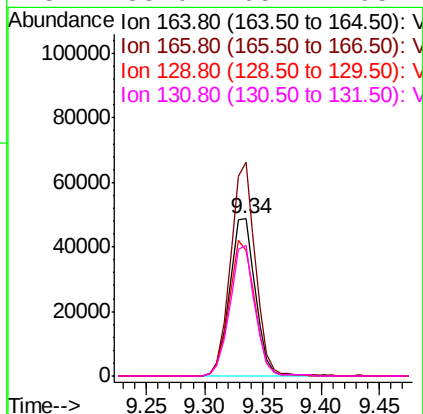
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

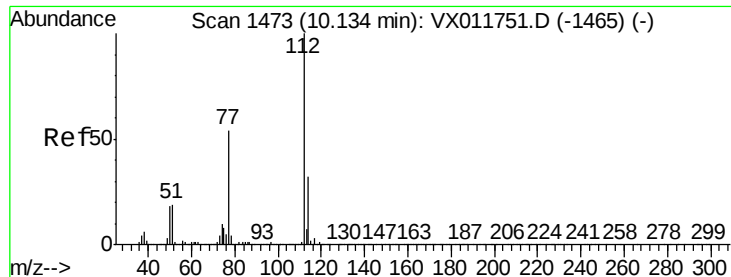
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.7	62.5
119	31.9	26.2	39.2



#64
Tetrachloroethene
Concen: 19.688 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.9	100.7	151.1
129	79.8	66.8	100.2
131	83.0	65.4	98.2

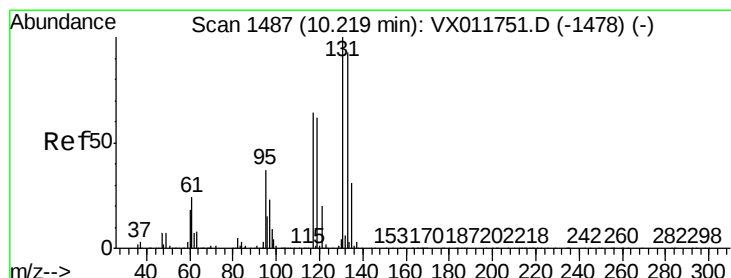
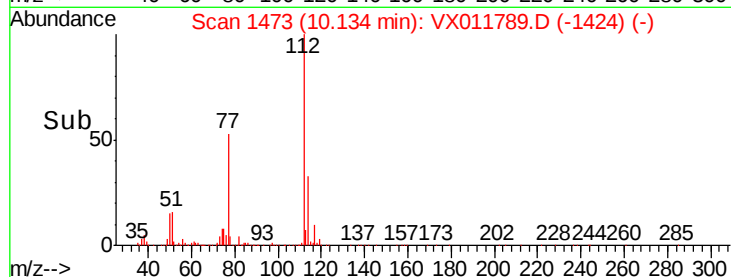
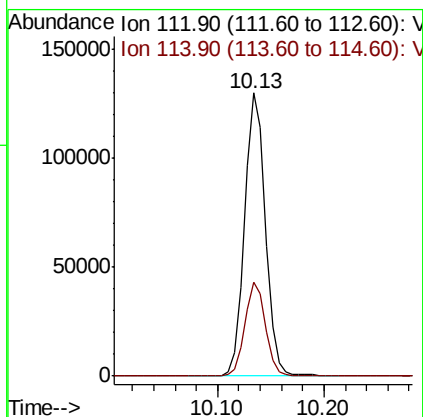
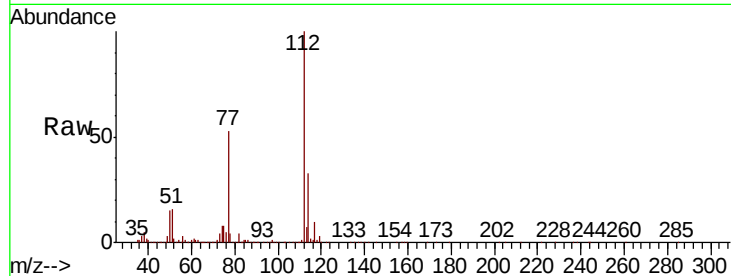




#65
Chlorobenzene
Concen: 18.996 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

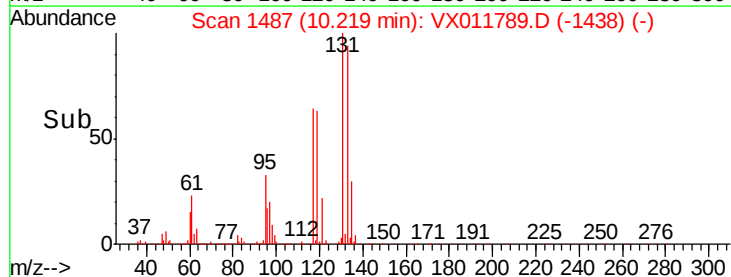
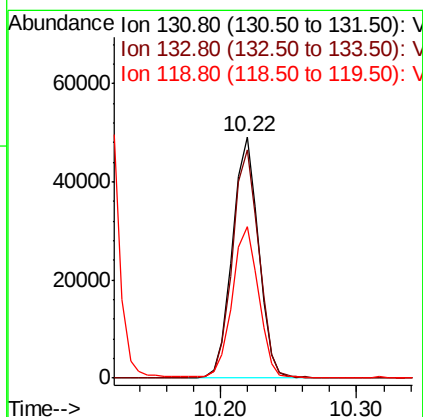
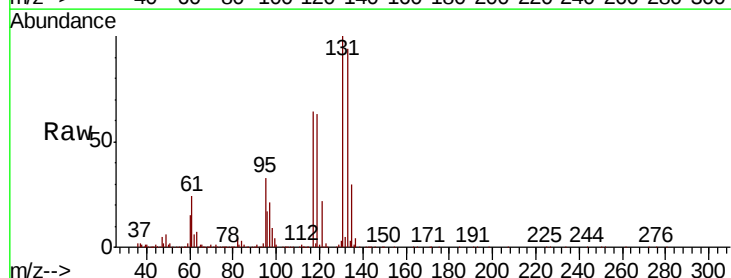
Instrument :
MSVOA_X
ClientSampled :
VX0823MBS01

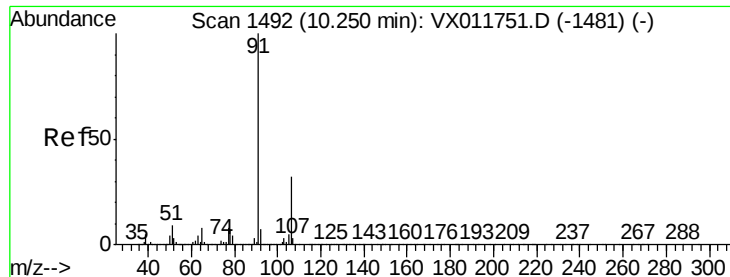
Tgt Ion:112 Resp: 178308
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.833 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion:131 Resp: 66236
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 63.3 31.3 93.8

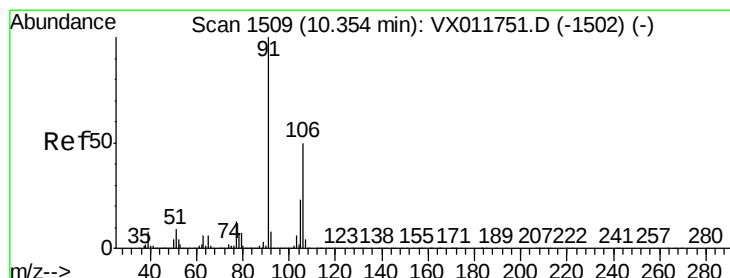
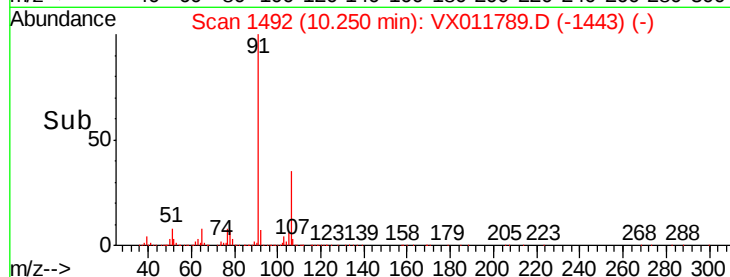
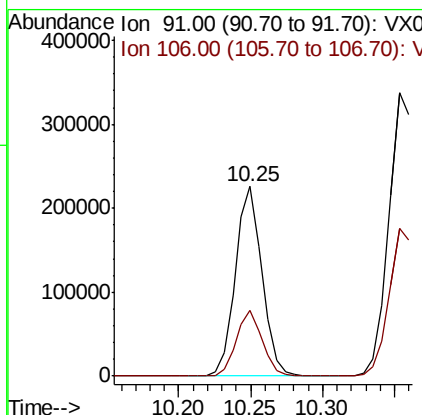
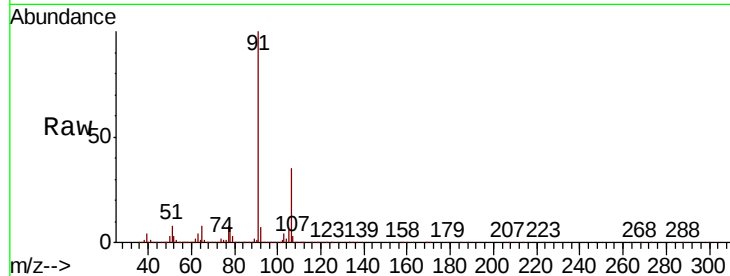




#67
Ethyl Benzene
Concen: 18.615 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

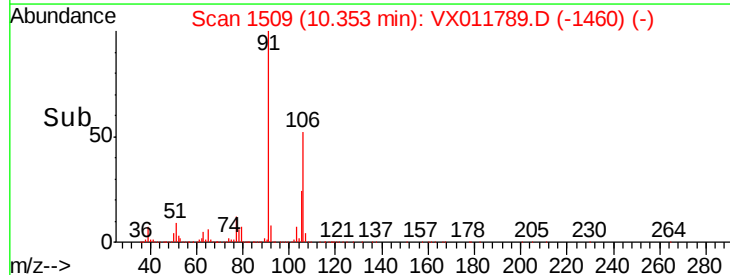
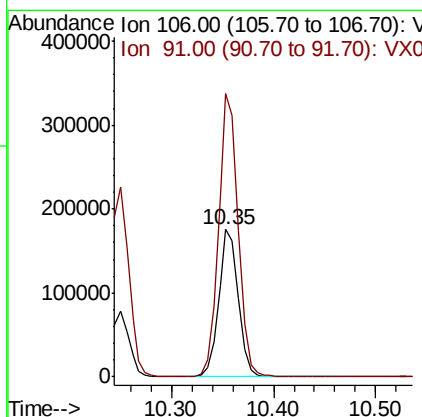
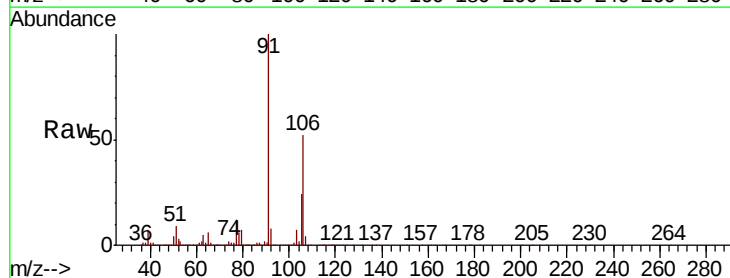
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

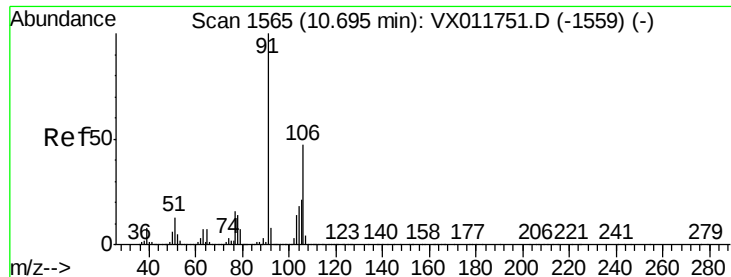
Tgt Ion: 91 Resp: 292010
Ion Ratio Lower Upper
91 100
106 34.7 25.5 38.3



#68
m/p-Xylenes
Concen: 38.731 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion: 106 Resp: 234259
Ion Ratio Lower Upper
106 100
91 192.6 158.3 237.5

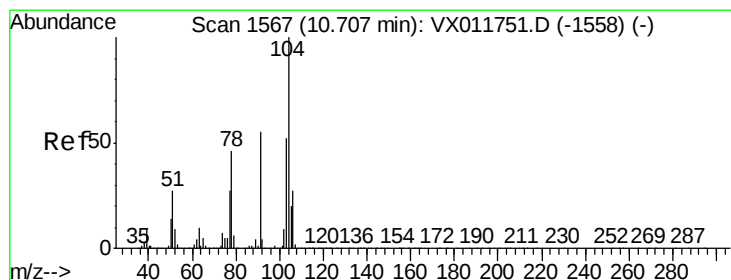
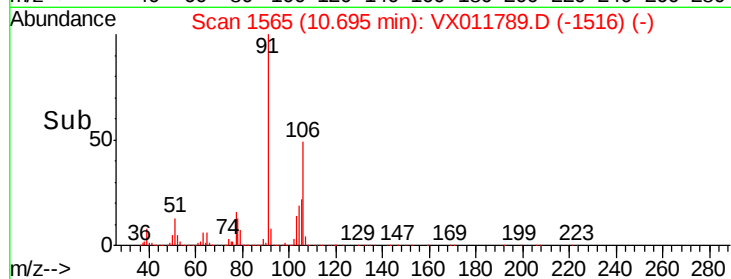
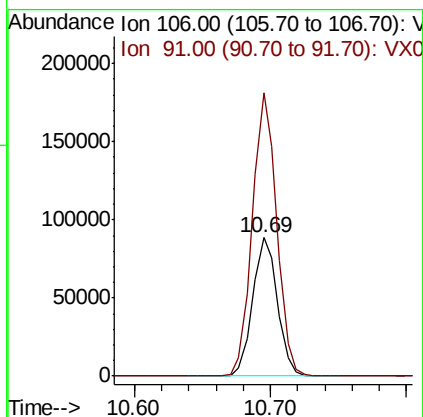
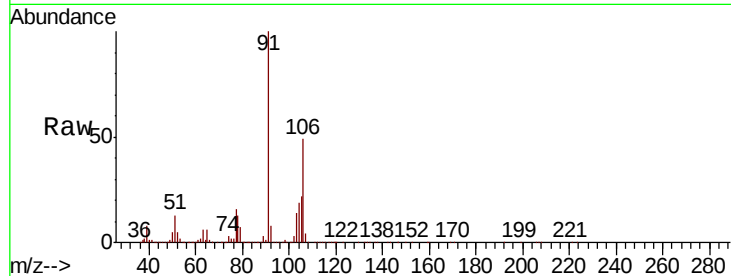




#69
o-Xylene
Concen: 19.045 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

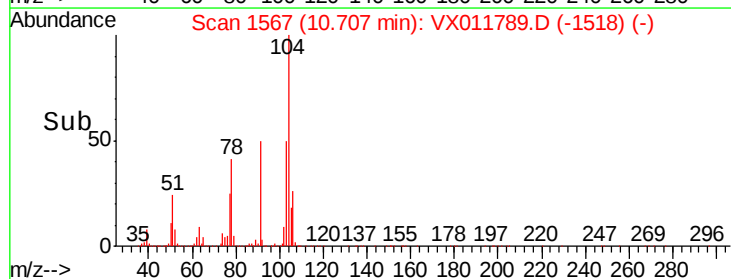
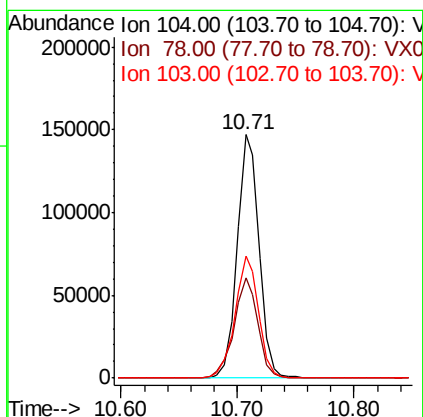
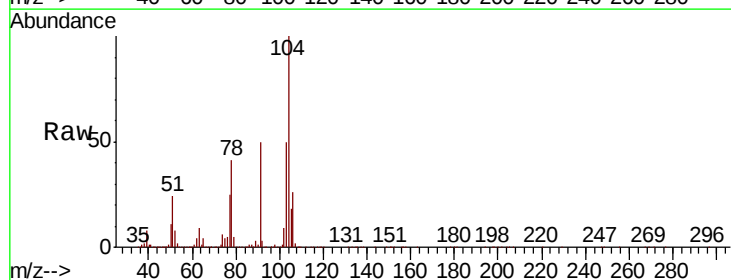
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

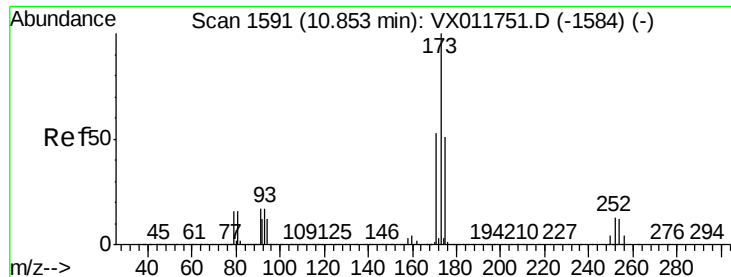
Tgt Ion:106 Resp: 113094
Ion Ratio Lower Upper
106 100
91 202.0 105.0 314.9



#70
Styrene
Concen: 19.373 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion:104 Resp: 192456
Ion Ratio Lower Upper
104 100
78 44.6 39.2 58.8
103 54.3 44.5 66.7





#71

Bromoform

Concen: 18.167 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

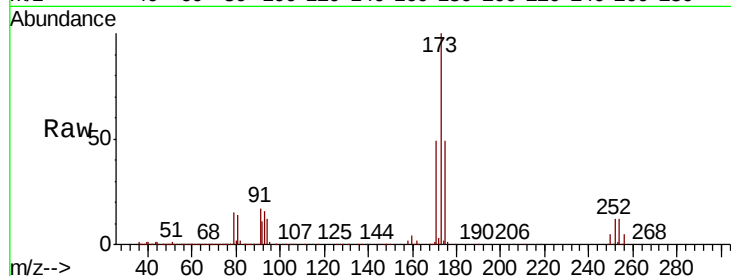
Tgt Ion:173 Resp: 55117

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.3

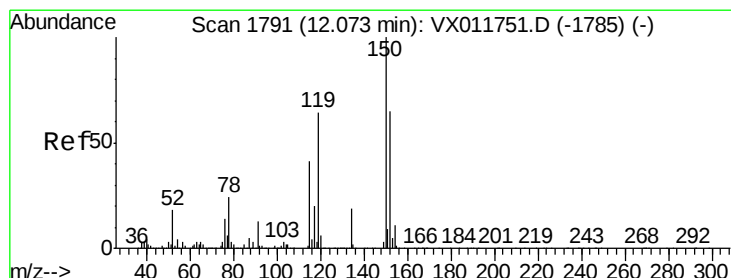
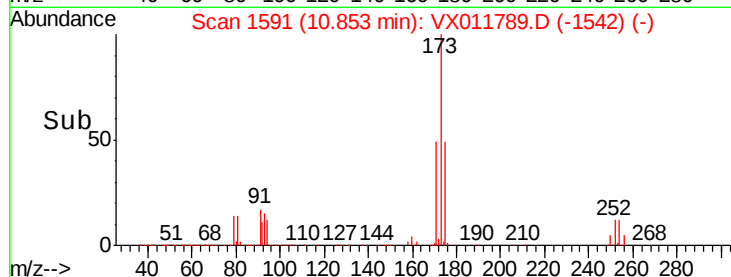
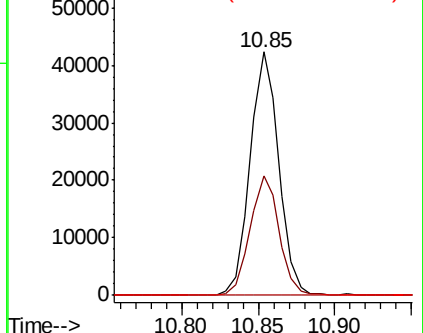
254 0.3 0.2 0.4



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

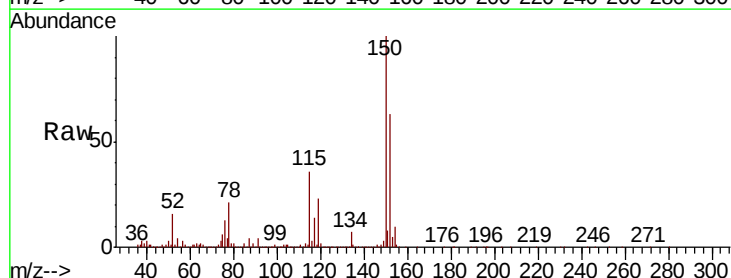
Tgt Ion:152 Resp: 265439

Ion Ratio Lower Upper

152 100

115 59.1 37.3 111.8

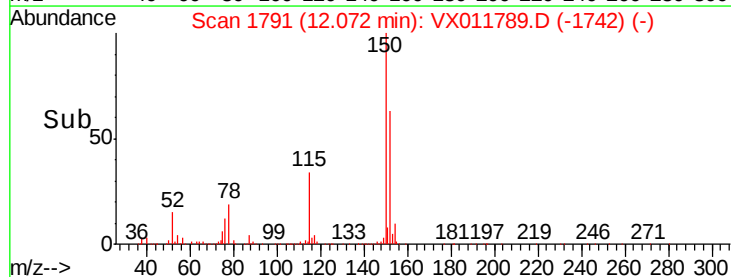
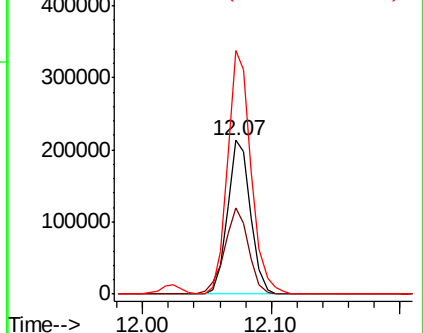
150 162.6 0.0 343.0

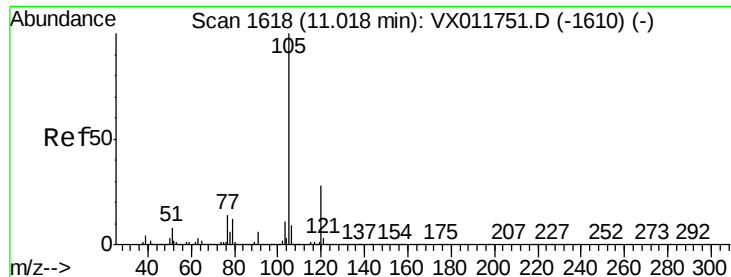


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.007 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

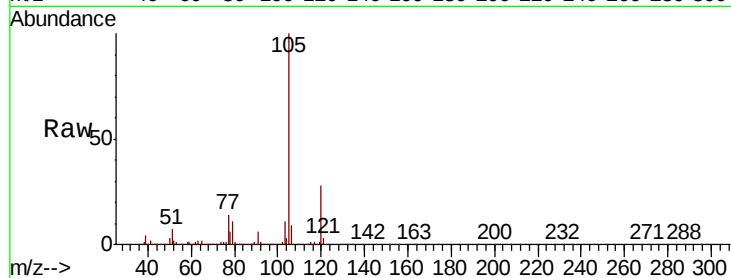
VX0823MBS01

Tgt Ion: 105 Resp: 304038

Ion Ratio Lower Upper

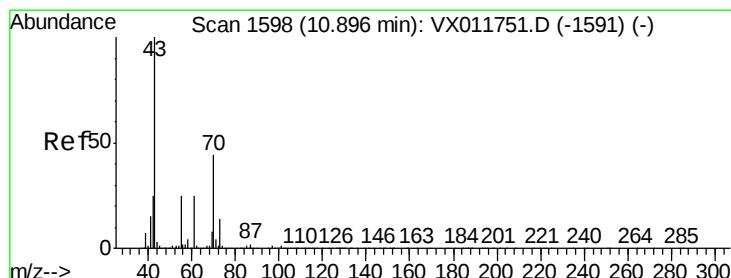
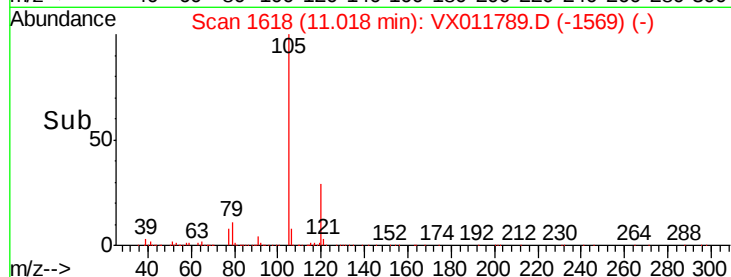
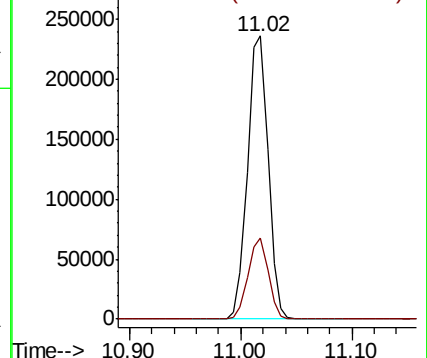
105 100

120 28.1 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.836 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion: 43 Resp: 110458

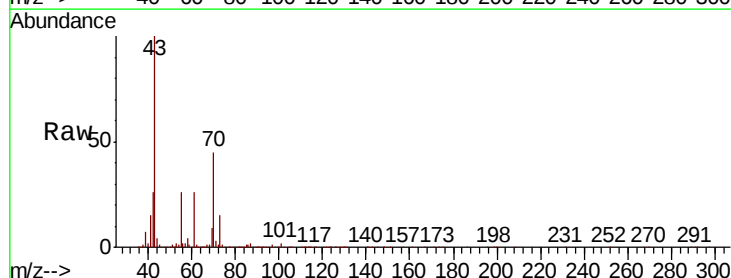
Ion Ratio Lower Upper

43 100

70 44.8 34.8 52.2

55 25.8 19.5 29.3

61 24.3 19.8 29.6

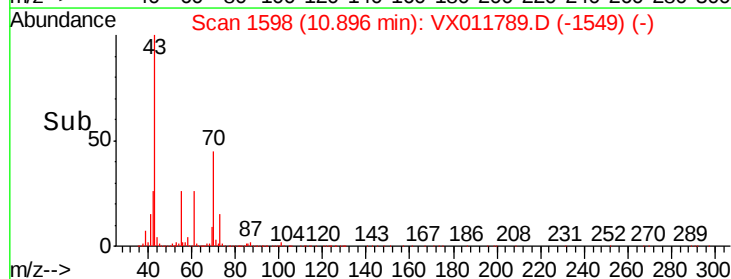
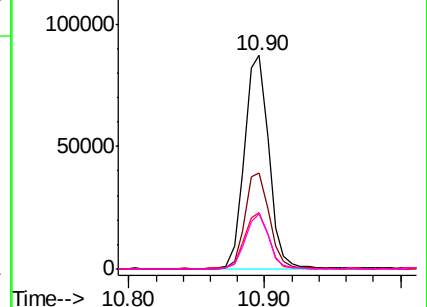


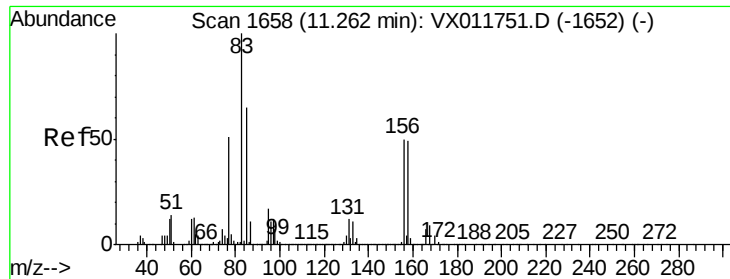
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.492 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

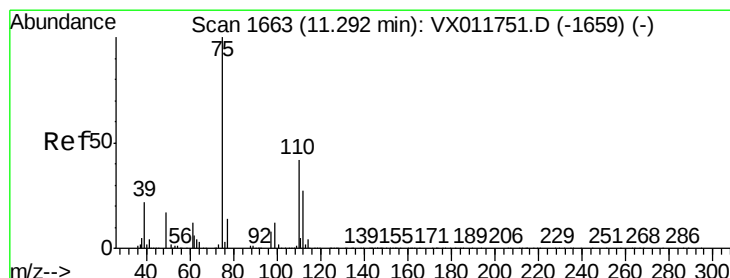
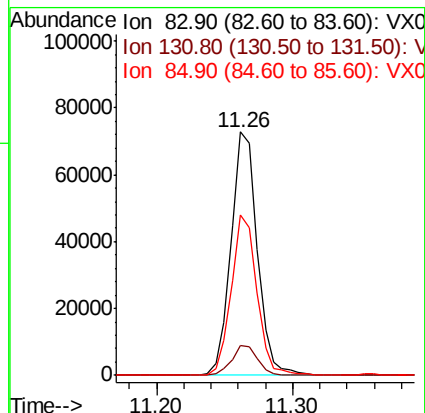
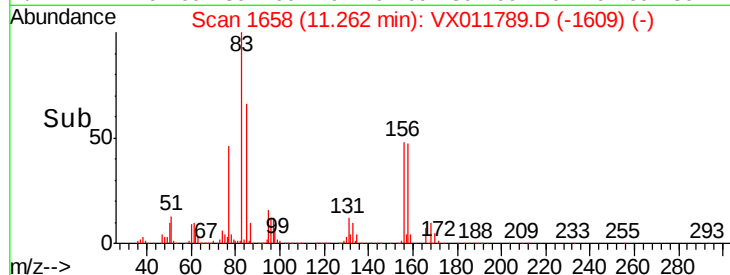
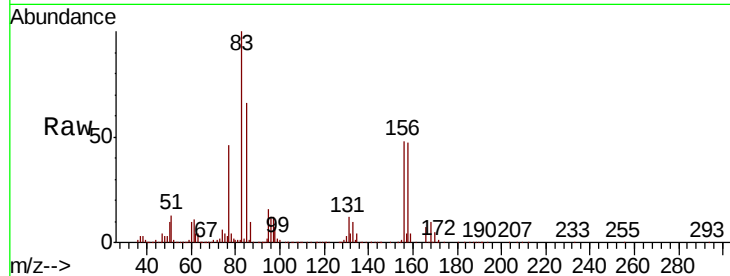
Tgt Ion: 83 Resp: 97910

Ion Ratio Lower Upper

83 100

131 12.3 6.1 18.3

85 64.6 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 22.291 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011789.D

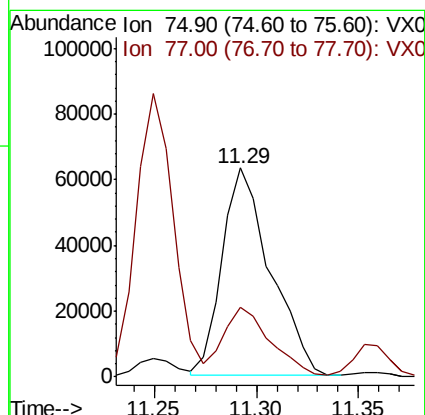
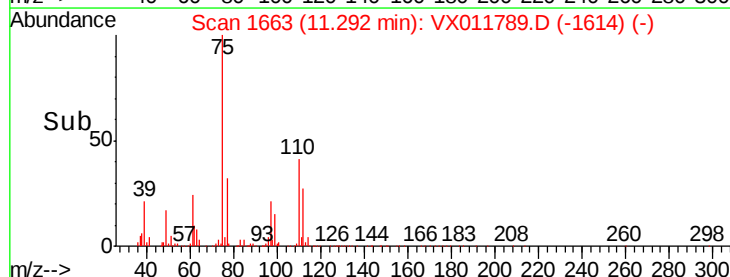
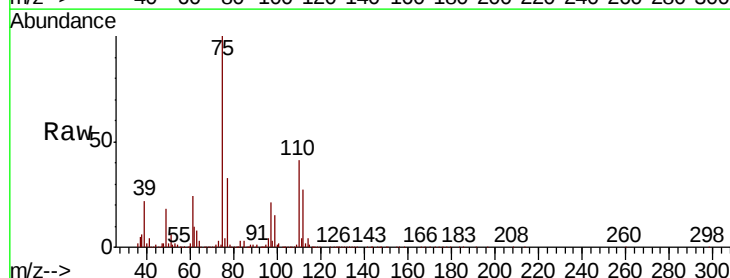
Acq: 23 Aug 2019 11:45

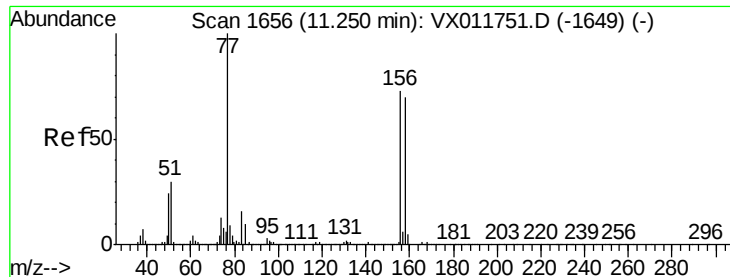
Tgt Ion: 75 Resp: 103823

Ion Ratio Lower Upper

75 100

77 32.9 21.1 63.3





#77

Bromobenzene

Concen: 19.351 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

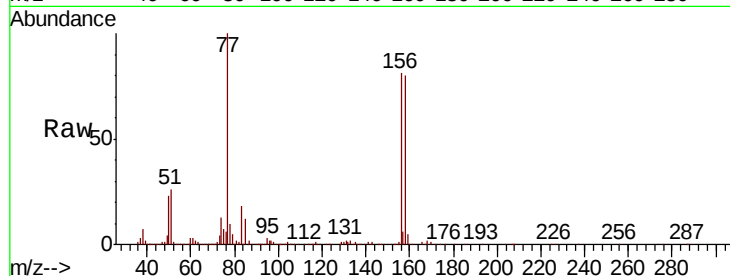
Tgt Ion:156 Resp: 91257

Ion Ratio Lower Upper

156 100

77 120.9 65.3 196.0

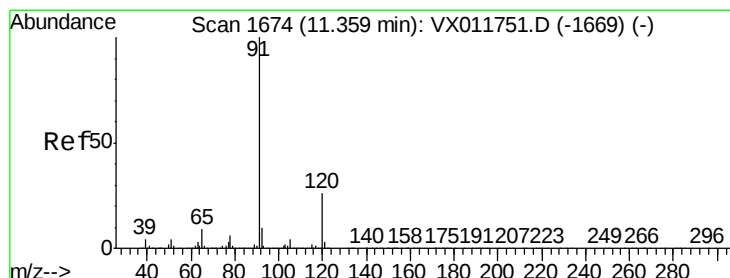
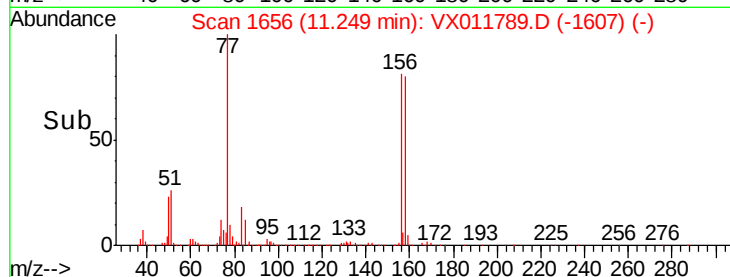
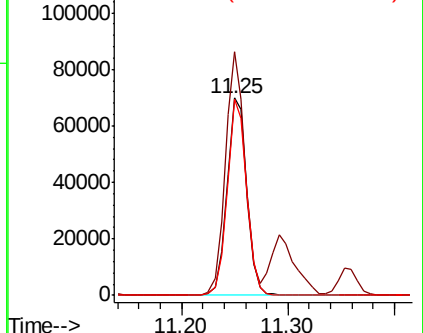
158 97.0 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.967 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011789.D

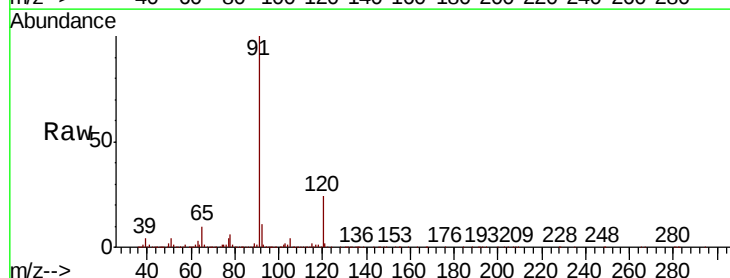
Acq: 23 Aug 2019 11:45

Tgt Ion: 91 Resp: 324427

Ion Ratio Lower Upper

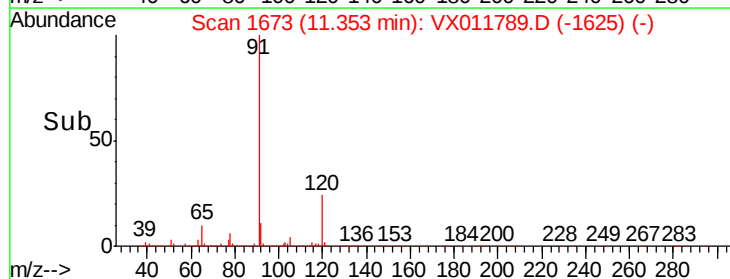
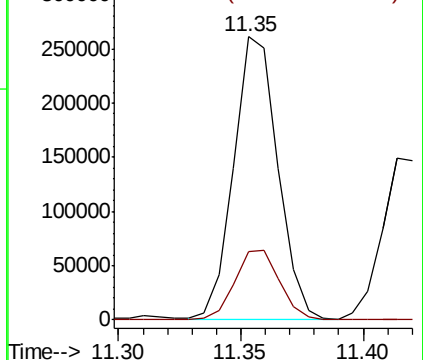
91 100

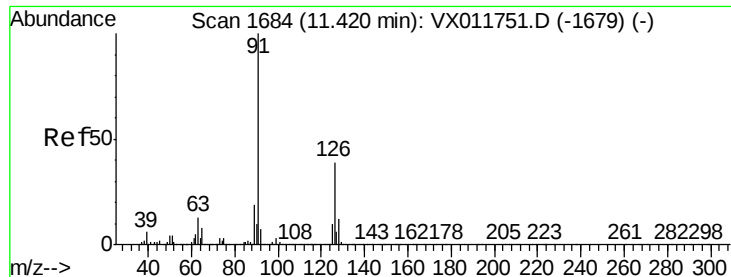
120 25.4 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.276 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

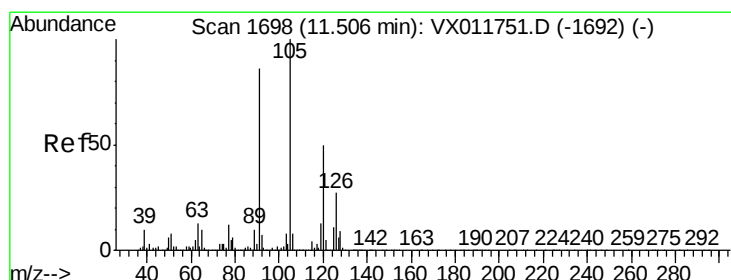
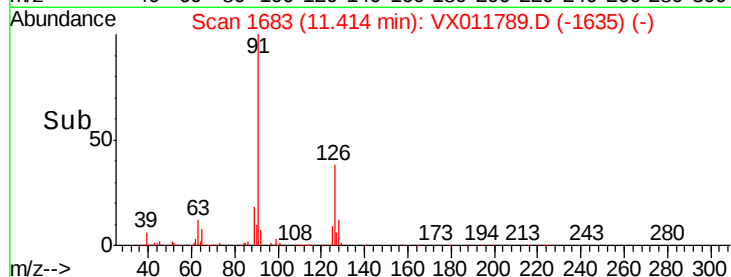
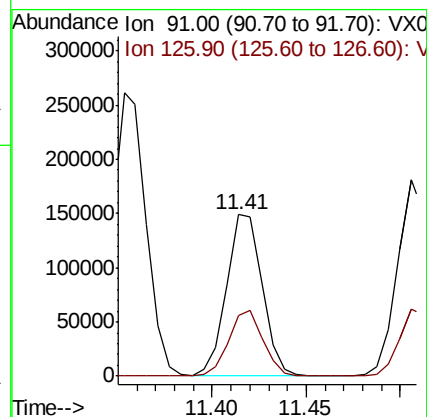
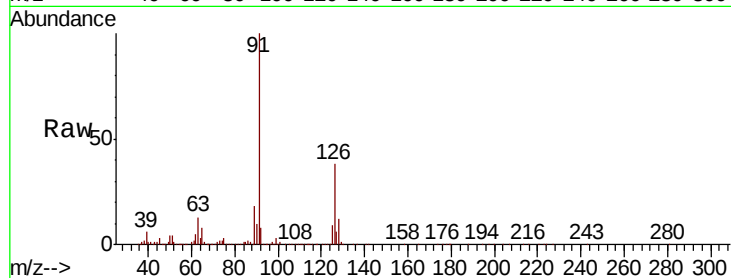
VX0823MBS01

Tgt Ion: 91 Resp: 194482

Ion Ratio Lower Upper

91 100

126 39.7 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 19.042 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011789.D

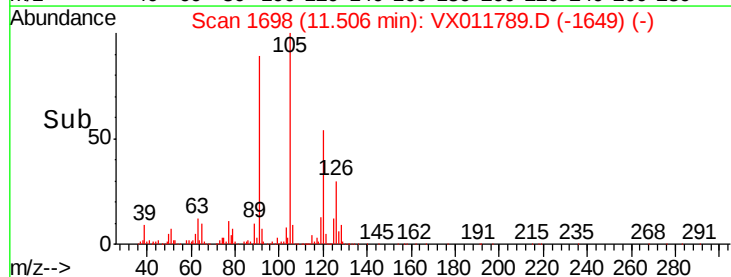
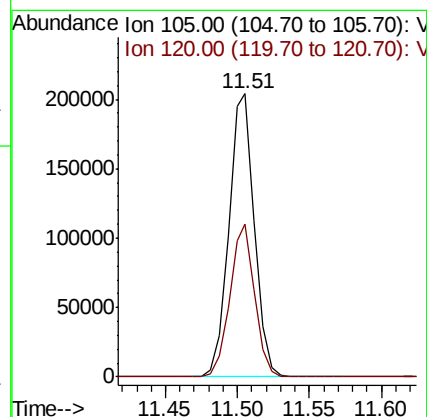
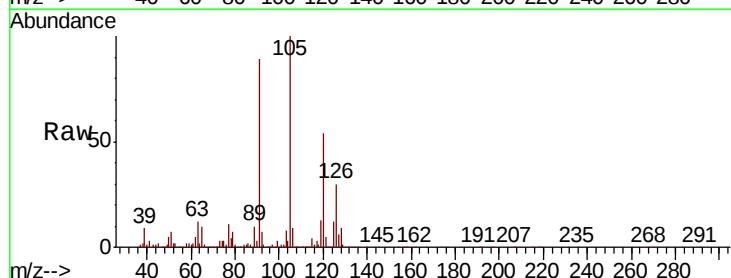
Acq: 23 Aug 2019 11:45

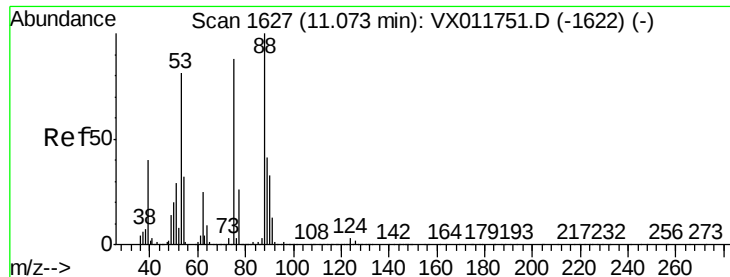
Tgt Ion: 105 Resp: 254143

Ion Ratio Lower Upper

105 100

120 52.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.759 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

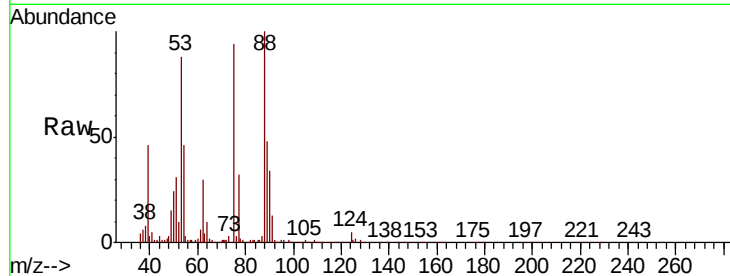
Tgt Ion: 75 Resp: 25883

Ion Ratio Lower Upper

75 100

53 98.4 77.1 115.7

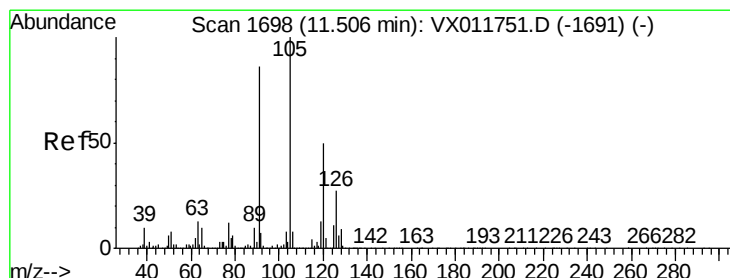
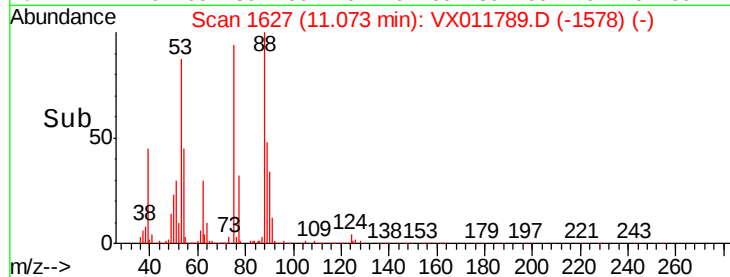
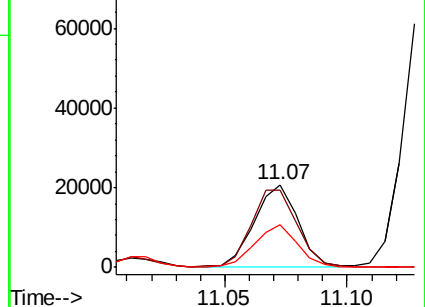
89 51.8 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.286 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011789.D

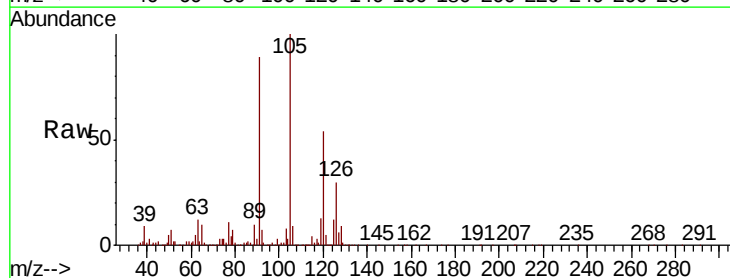
Acq: 23 Aug 2019 11:45

Tgt Ion: 91 Resp: 224292

Ion Ratio Lower Upper

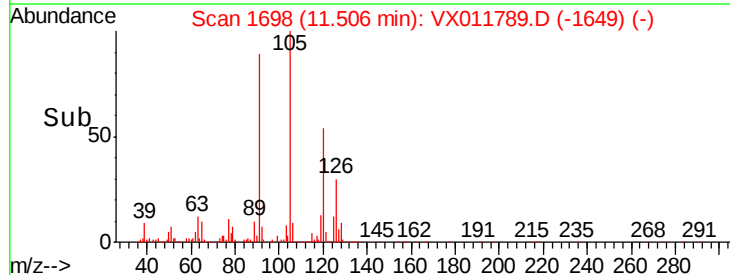
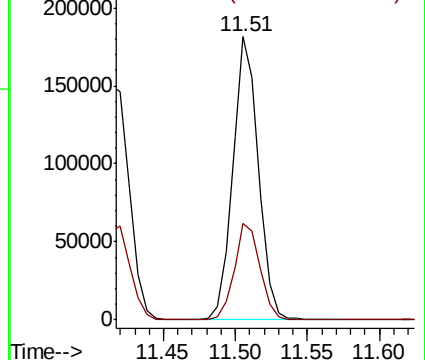
91 100

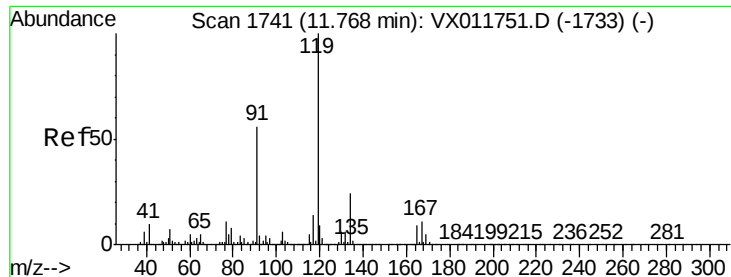
126 34.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

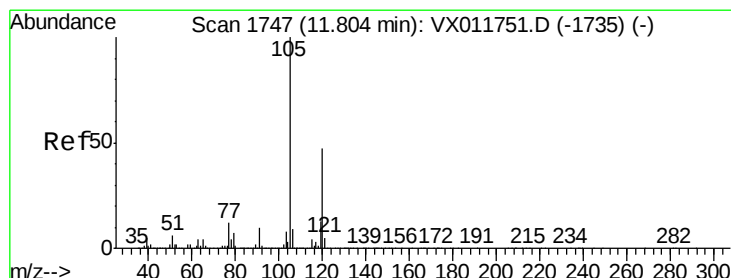
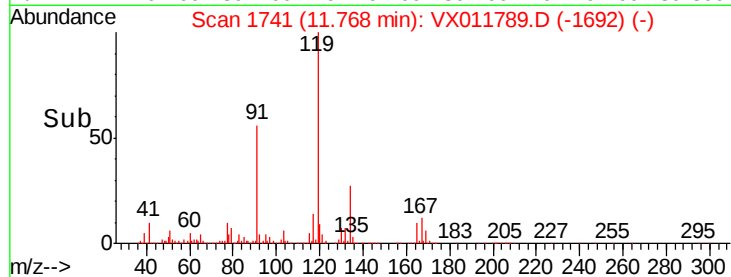
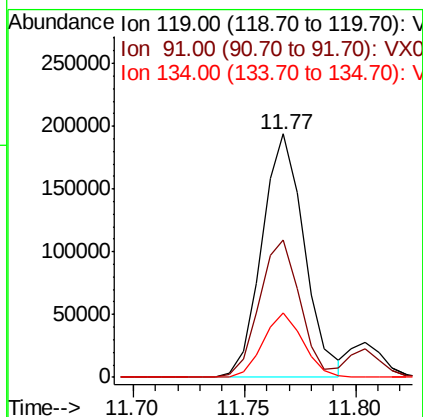
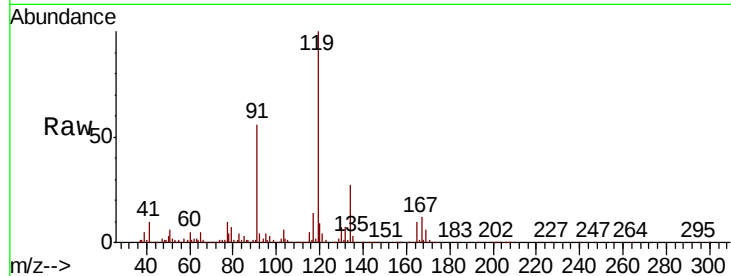




#83
 tert-Butylbenzene
 Concen: 19.453 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

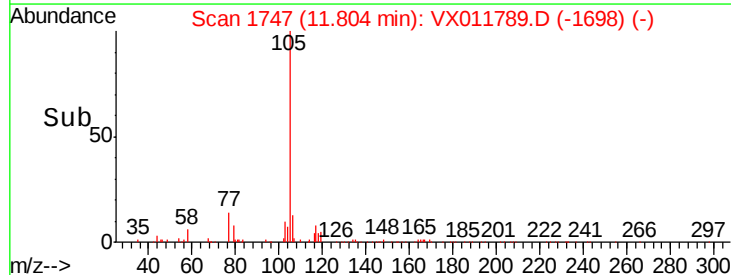
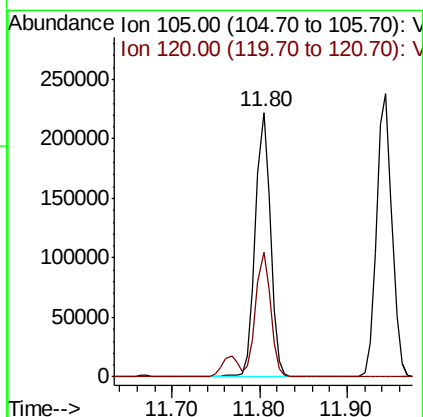
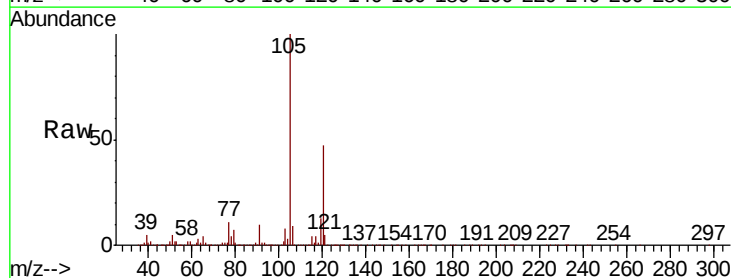
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

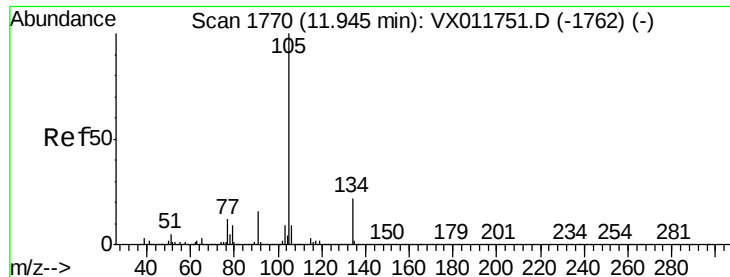
Tgt Ion	Ratio	Lower	Upper
119	100		
91	53.8	27.7	83.1
134	25.0	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.502 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.7	71.1





#85

sec-Butylbenzene

Concen: 19.417 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

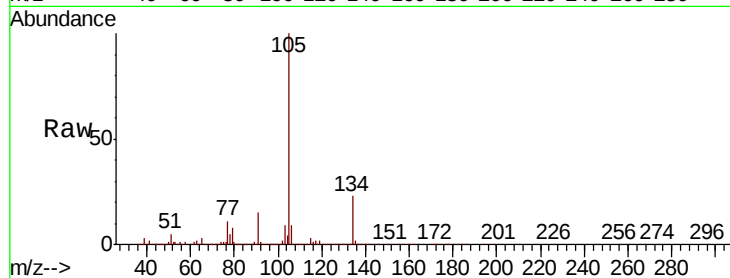
VX0823MBS01

Tgt Ion:105 Resp: 292479

Ion Ratio Lower Upper

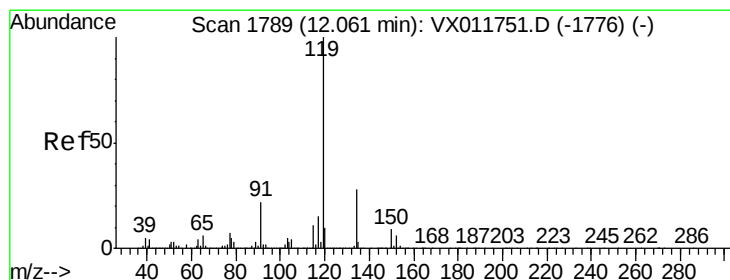
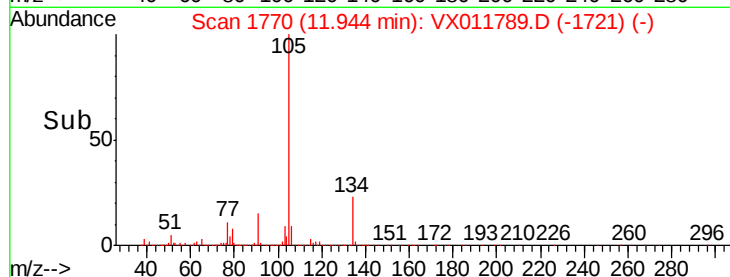
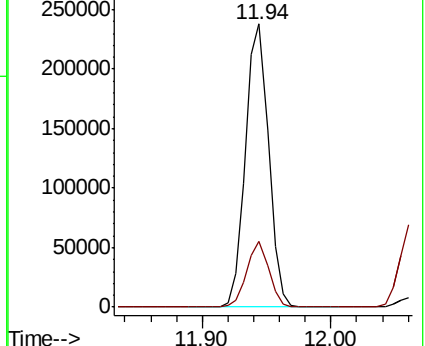
105 100

134 22.2 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.445 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

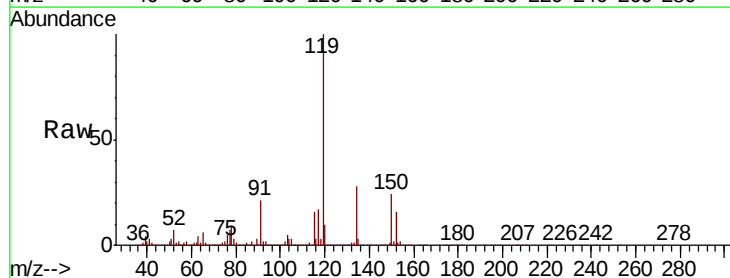
Tgt Ion:119 Resp: 281812

Ion Ratio Lower Upper

119 100

134 28.0 13.7 41.0

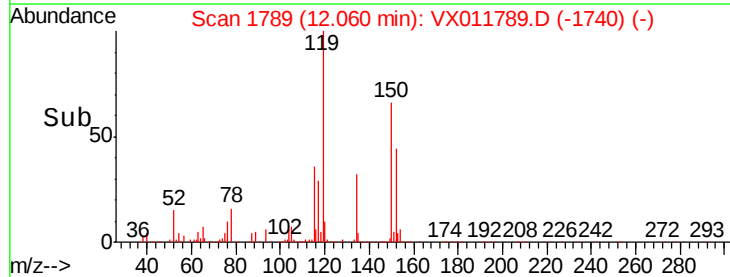
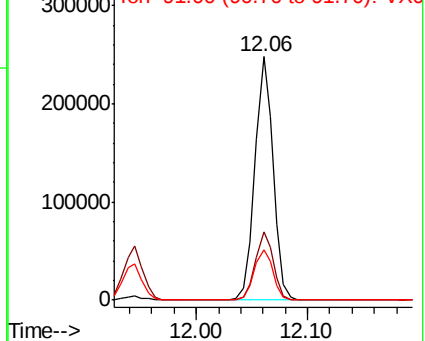
91 21.6 11.1 33.3

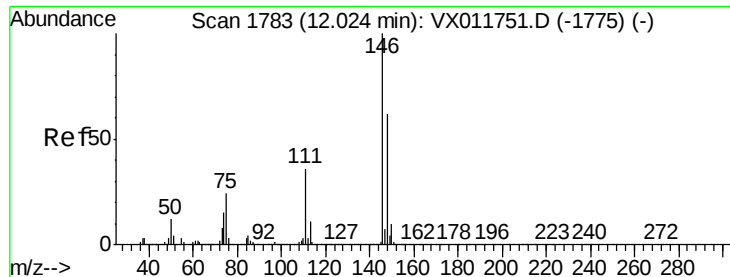


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.271 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

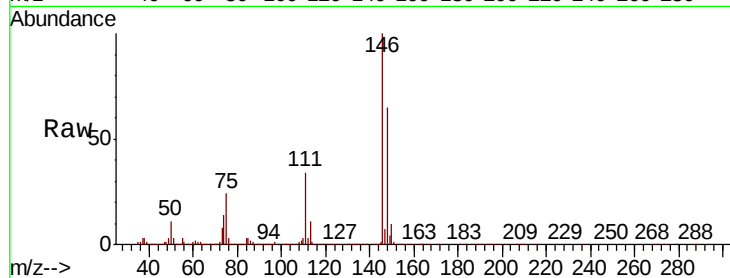
Tgt Ion:146 Resp: 156500

Ion Ratio Lower Upper

146 100

111 35.1 18.1 54.4

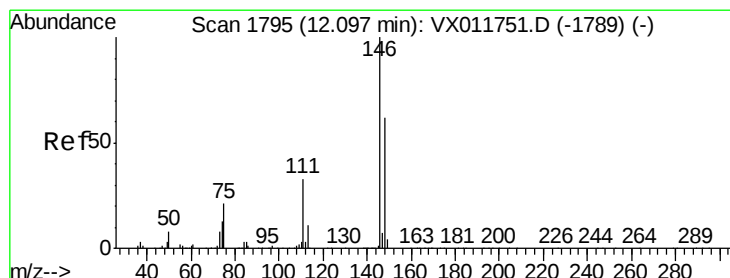
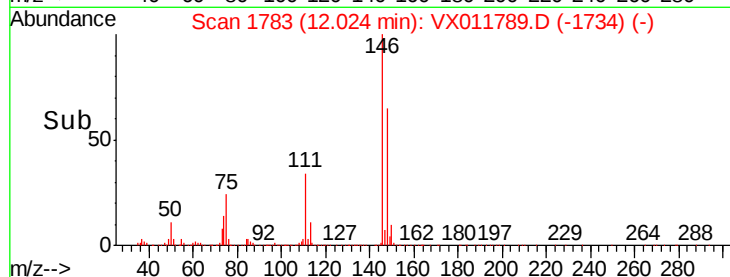
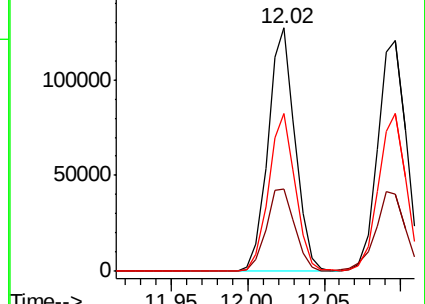
148 64.1 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.938 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

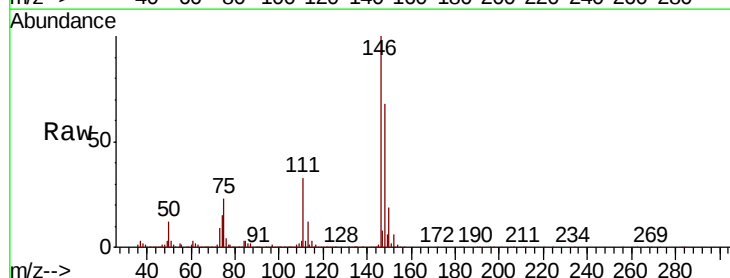
Tgt Ion:146 Resp: 155602

Ion Ratio Lower Upper

146 100

111 35.3 17.8 53.4

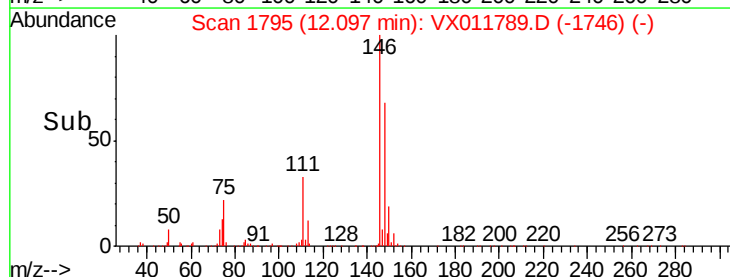
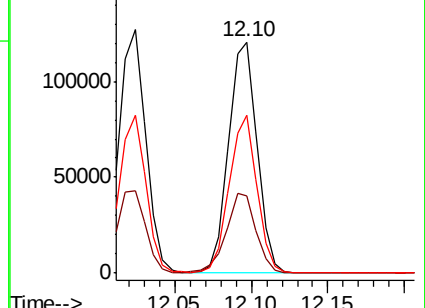
148 66.5 31.9 95.7

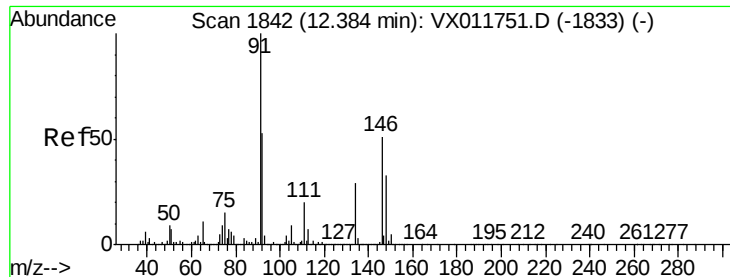


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.201 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

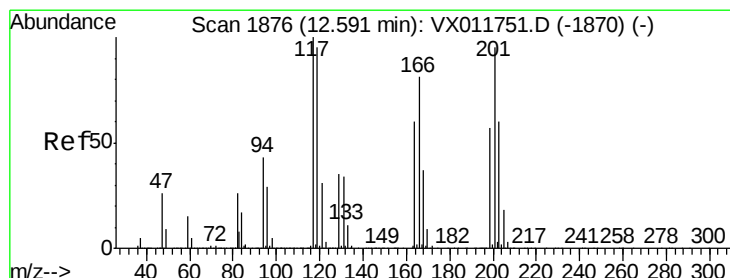
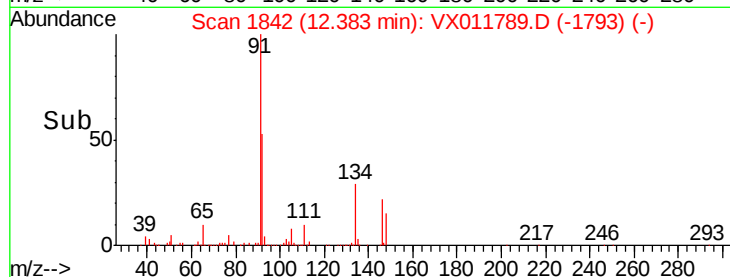
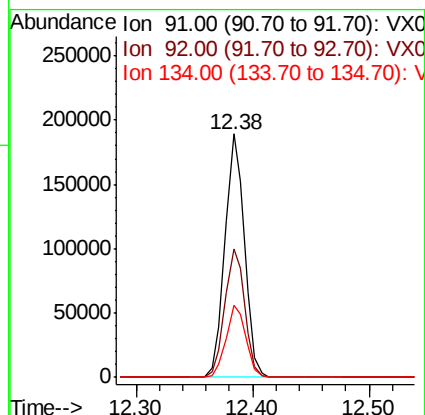
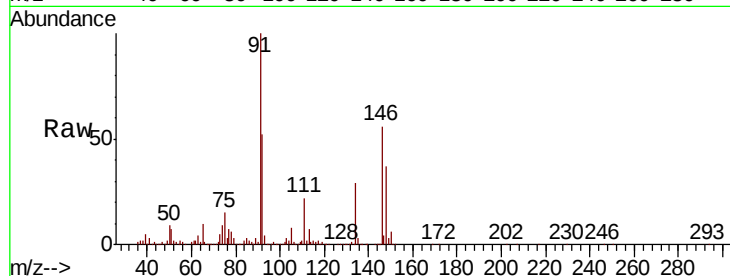
Tgt Ion: 91 Resp: 218368

Ion Ratio Lower Upper

91 100

92 54.0 26.7 80.0

134 30.2 14.6 43.8



#90

Hexachloroethane

Concen: 18.251 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX011789.D

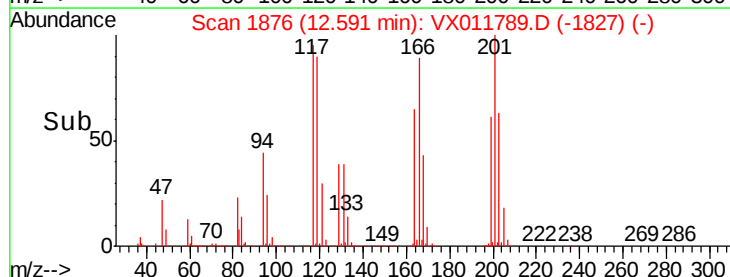
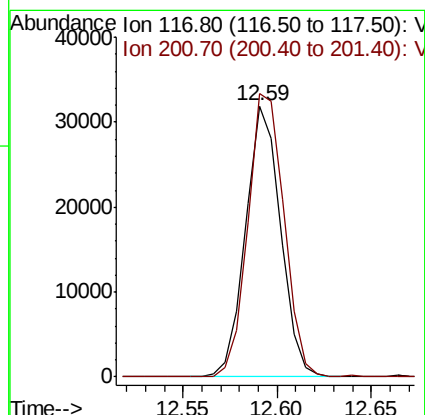
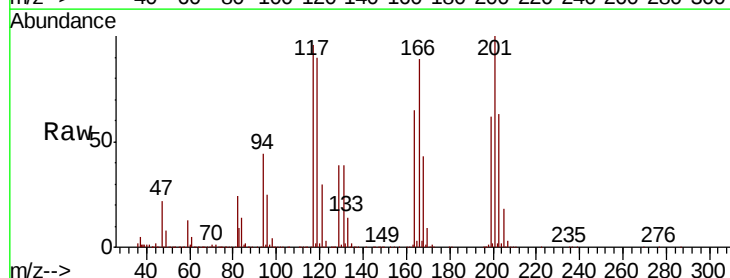
Acq: 23 Aug 2019 11:45

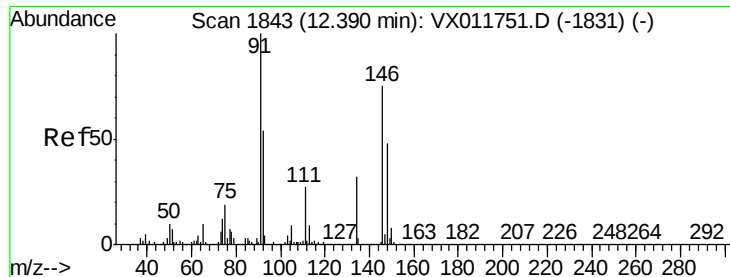
Tgt Ion: 117 Resp: 41094

Ion Ratio Lower Upper

117 100

201 108.5 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 19.047 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

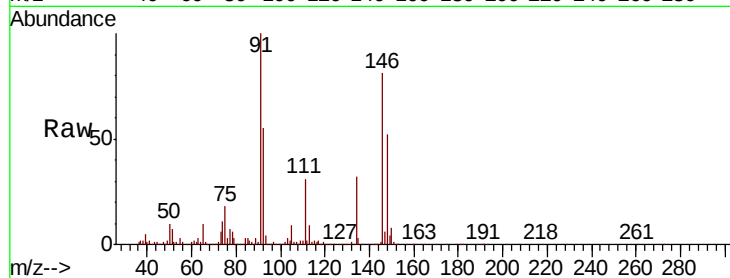
Tgt Ion: 146 Resp: 156012

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.4

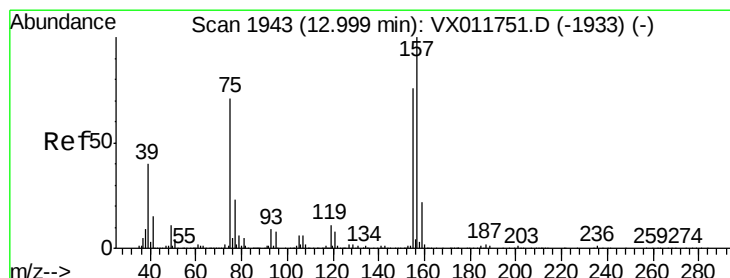
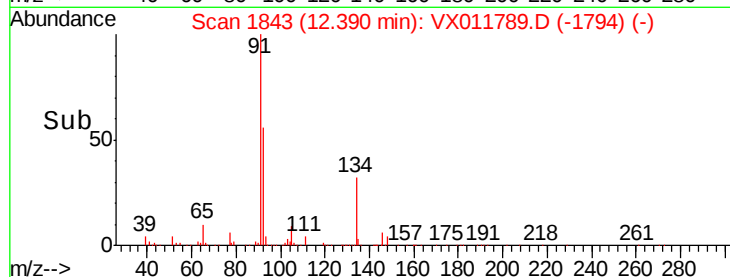
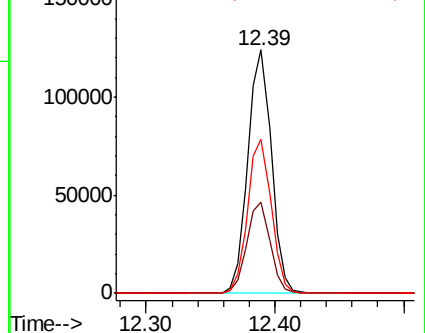
148 63.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.944 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

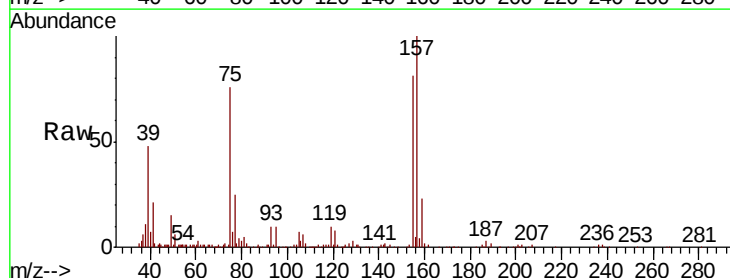
Tgt Ion: 75 Resp: 20854

Ion Ratio Lower Upper

75 100

155 115.0 52.6 157.9

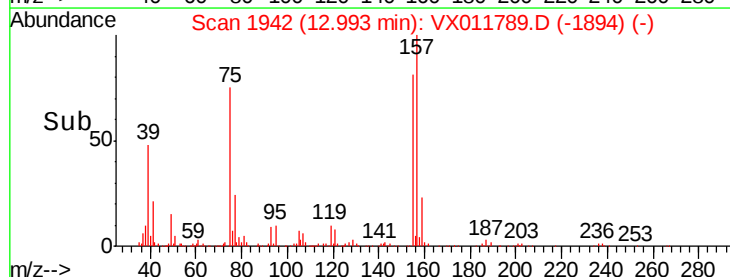
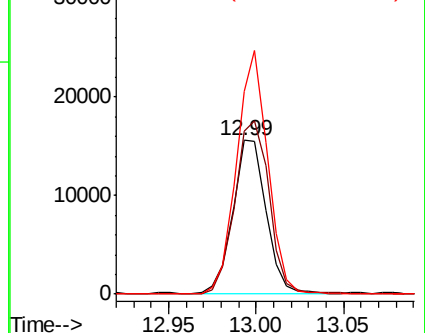
157 146.8 68.3 204.9

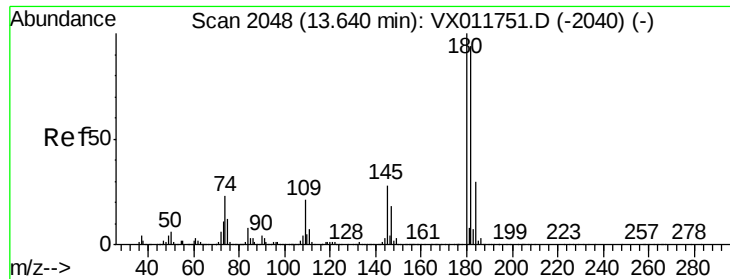


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

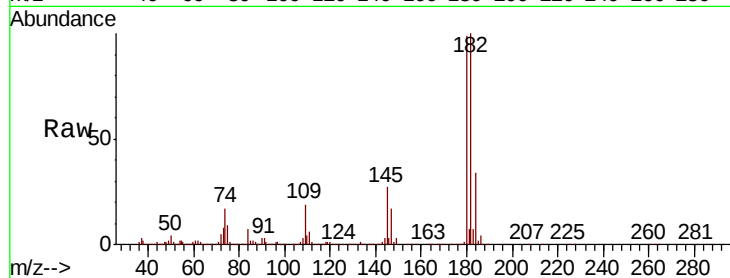




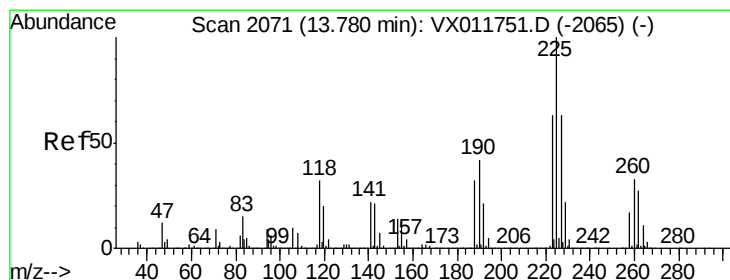
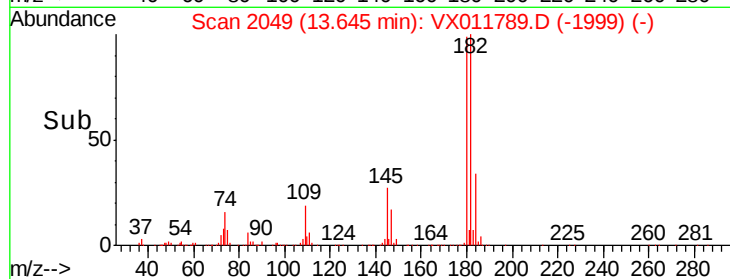
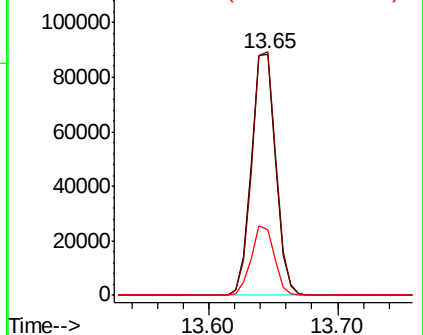
#93
 1,2,4-Trichlorobenzene
 Concen: 18.876 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

Tgt Ion:180 Resp: 113726
 Ion Ratio Lower Upper
 180 100
 182 99.7 47.8 143.4
 145 27.6 14.1 42.3

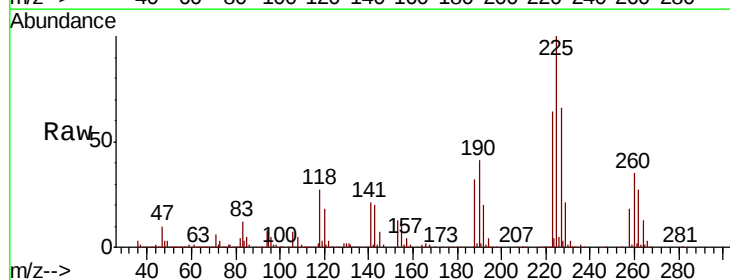


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

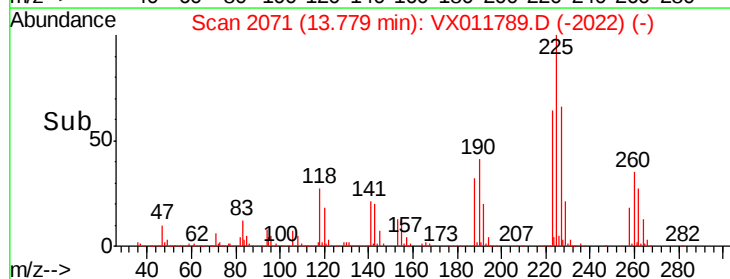
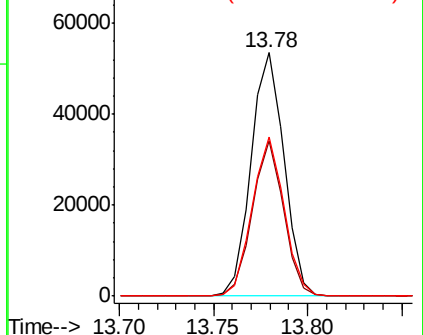


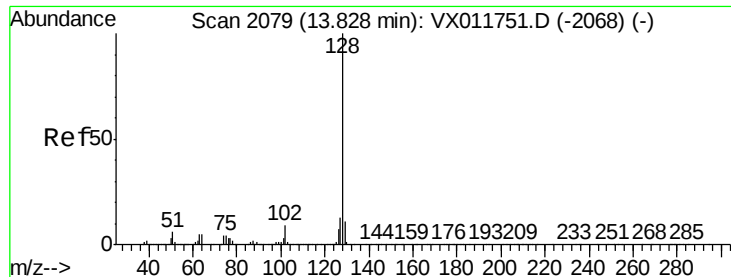
#94
 Hexachlorobutadiene
 Concen: 19.627 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion:225 Resp: 64798
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.0 93.0
 227 63.9 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

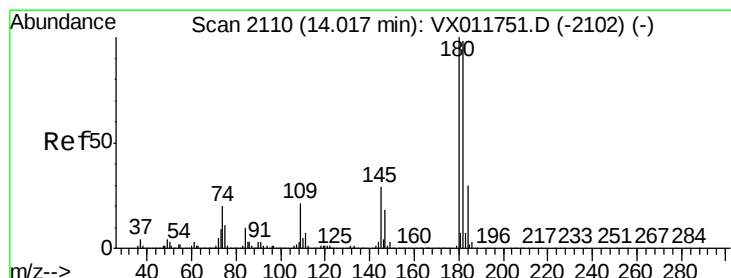
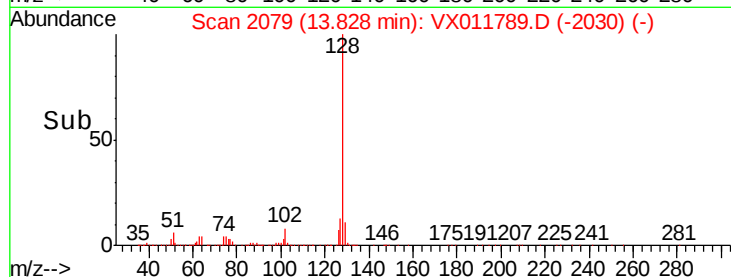
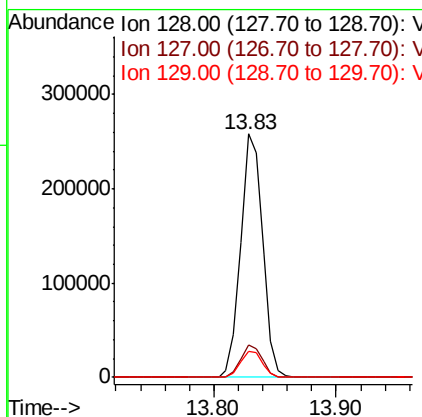
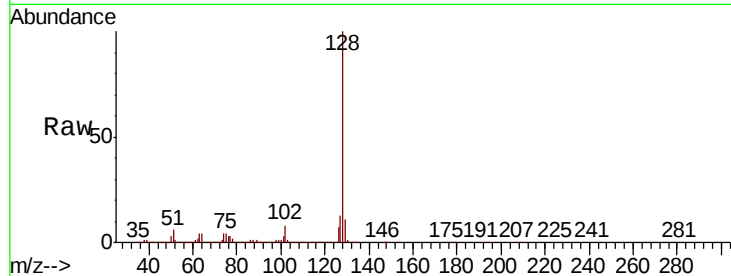




#95
Naphthalene
Concen: 19.274 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.580 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.5	145.5
145	28.7	14.6	43.8

