

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005899.D
 Acq On : 12 Nov 2018 14:41
 Operator : JC/MD
 Sample : VX1112MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

Quant Time: Nov 13 04:40:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	122522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	174255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	69094	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	5.50	113	55809	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
50) Toluene-d8	8.71	98	212573	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	11.14	95	78131	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21251	19.237	ug/l	96
3) Chloromethane	1.32	50	27941	19.273	ug/l	99
4) Vinyl Chloride	1.40	62	28132	19.329	ug/l	96
5) Bromomethane	1.64	94	15578	17.491	ug/l	99
6) Chloroethane	1.72	64	17629	20.301	ug/l	93
7) Trichlorofluoromethane	1.93	101	37439	19.380	ug/l	98
8) Diethyl Ether	2.19	74	15517	20.498	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	21814	19.633	ug/l	99
10) Methyl Iodide	2.51	142	24052	17.861	ug/l	99
11) Tert butyl alcohol	3.06	59	38620	95.712	ug/l	98
12) 1,1-Dichloroethene	2.37	96	21044	19.432	ug/l	95
13) Acrolein	2.29	56	24450	136.505	ug/l	99
14) Allyl chloride	2.73	41	47468	19.625	ug/l	99
15) Acrylonitrile	3.15	53	87328	104.433	ug/l	97
16) Acetone	2.45	43	72683	95.838	ug/l	99
17) Carbon Disulfide	2.57	76	59193	18.325	ug/l	100
18) Methyl Acetate	2.78	43	42641	20.093	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	79095	21.399	ug/l	97
20) Methylene Chloride	2.85	84	24948	20.026	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	22662	19.840	ug/l	100
22) Diisopropyl ether	3.87	45	83494	19.706	ug/l #	97
23) Vinyl Acetate	3.82	43	354078	97.465	ug/l	99
24) 1,1-Dichloroethane	3.70	63	45318	20.048	ug/l	99
25) 2-Butanone	4.70	43	116486	97.697	ug/l	92
26) 2,2-Dichloropropane	4.58	77	33564	20.241	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	25709	20.384	ug/l	96
28) Bromochloromethane	5.02	49	20839	20.627	ug/l	97
29) Tetrahydrofuran	5.15	42	77389	101.088	ug/l	97
30) Chloroform	5.21	83	41582	19.066	ug/l	96
31) Cyclohexane	5.57	56	38356	19.547	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	36551	20.093	ug/l	97
36) 1,1-Dichloropropene	5.80	75	30620	18.228	ug/l	98
37) Ethyl Acetate	4.86	43	40903	18.516	ug/l	100
38) Carbon Tetrachloride	5.78	117	30973	18.417	ug/l	92

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	35092	20.611	ug/l	97
40) Benzene	6.14	78	94204	19.236	ug/l	98
41) Methacrylonitrile	5.06	41	23193	19.430	ug/l	99
42) 1,2-Dichloroethane	6.20	62	33870	19.310	ug/l	99
43) Isopropyl Acetate	6.46	43	61646	19.259	ug/l	99
44) Trichloroethene	7.21	130	25320	20.359	ug/l	96
45) 1,2-Dichloropropane	7.52	63	24886	20.937	ug/l	99
46) Dibromomethane	7.66	93	15646	20.977	ug/l	99
47) Bromodichloromethane	7.90	83	29948	21.246	ug/l	98
48) Methyl methacrylate	7.77	41	31105	21.641	ug/l	99
49) 1,4-Dioxane	7.75	88	12528	404.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	211167	104.675	ug/l	99
52) Toluene	8.79	92	57221	20.907	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	32971	19.821	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	36929	21.781	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	23578	19.329	ug/l	100
56) Ethyl methacrylate	9.18	69	35923	19.683	ug/l	99
57) 1,3-Dichloropropane	9.37	76	39854	19.442	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	102309	107.745	ug/l	99
59) 2-Hexanone	9.49	43	165432	93.033	ug/l	100
60) Dibromochloromethane	9.59	129	23738	18.007	ug/l	97
61) 1,2-Dibromoethane	9.67	107	24412	18.099	ug/l	99
64) Tetrachloroethene	9.34	164	27421	20.290	ug/l	99
65) Chlorobenzene	10.14	112	63903	20.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	23049	20.849	ug/l	99
67) Ethyl Benzene	10.25	91	108880	21.353	ug/l	99
68) m/p-Xylenes	10.36	106	83778	43.074	ug/l	98
69) o-Xylene	10.70	106	40496	23.219	ug/l	99
70) Styrene	10.71	104	67123	23.331	ug/l	99
71) Bromoform	10.86	173	18931	20.428	ug/l #	99
73) Isopropylbenzene	11.02	105	111023	21.885	ug/l	99
74) N-amyl acetate	10.90	43	52502	19.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	37001	19.871	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	45226	25.319	ug/l	84
77) Bromobenzene	11.26	156	29730	20.792	ug/l	98
78) n-propylbenzene	11.36	91	128597	21.509	ug/l	99
79) 2-Chlorotoluene	11.42	91	76166	21.077	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	94048	21.816	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10924	19.491	ug/l	96
82) 4-Chlorotoluene	11.51	91	89977	21.127	ug/l	100
83) tert-Butylbenzene	11.77	119	89278	20.470	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	97834	20.493	ug/l	98
85) sec-Butylbenzene	11.94	105	113317	21.247	ug/l	99
86) p-Isopropyltoluene	12.07	119	101449	21.475	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	54377	19.815	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	55059	19.600	ug/l	98
89) n-Butylbenzene	12.39	91	88474	20.207	ug/l	100
90) Hexachloroethane	12.60	117	14847	18.824	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	54033	19.655	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9139	20.113	ug/l	94

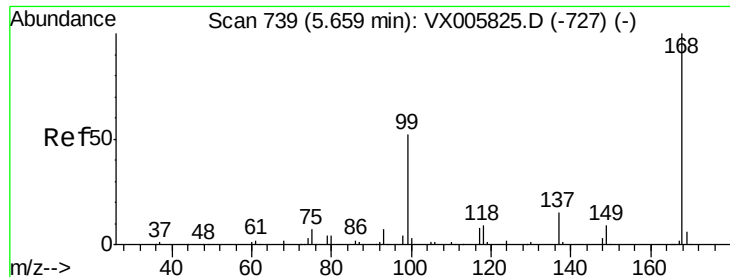
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111218\
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ClientSampleId :
VX1112MBS01

Quant Time: Nov 13 04:40:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	41071	21.223	ug/l	99
94) Hexachlorobutadiene	13.78	225	20089	19.762	ug/l	98
95) Naphthalene	13.83	128	129602	21.229	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	42153	21.380	ug/l	100

(#) = 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. -0.01 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

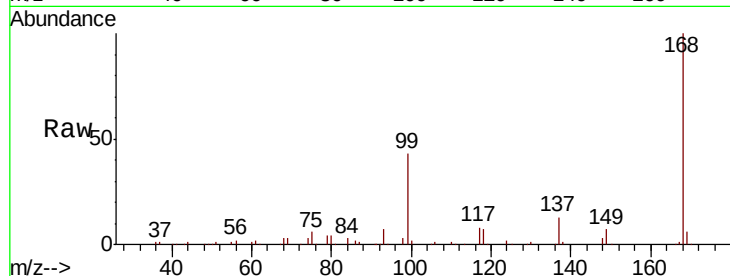
VX1112MBS01

Tot Ion:168 Resp: 122522

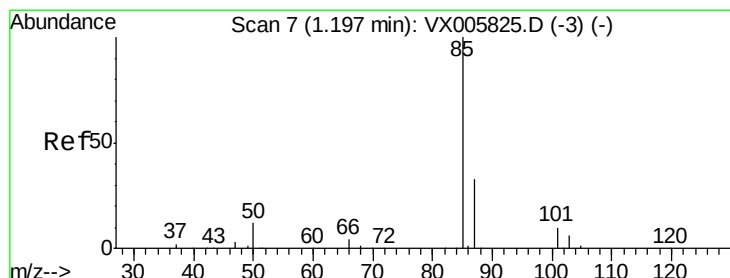
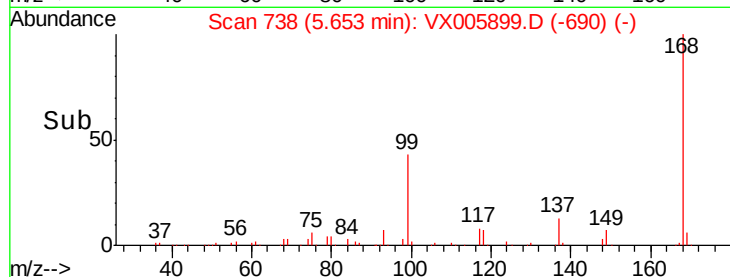
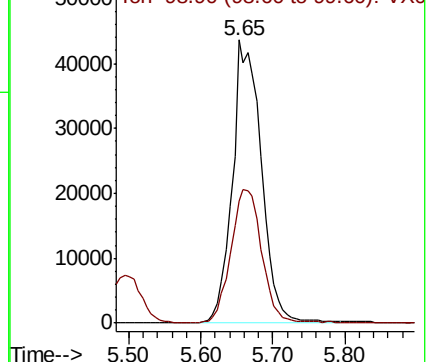
Ion Ratio Lower Upper

168 100

99 43.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005825.D (-727) (-)



#2

Dichlorodifluoromethane

Concen: 19.237 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005899.D

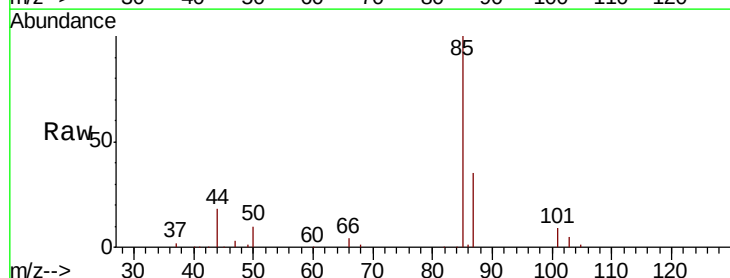
Acq: 12 Nov 2018 14:41

Tgt Ion: 85 Resp: 21251

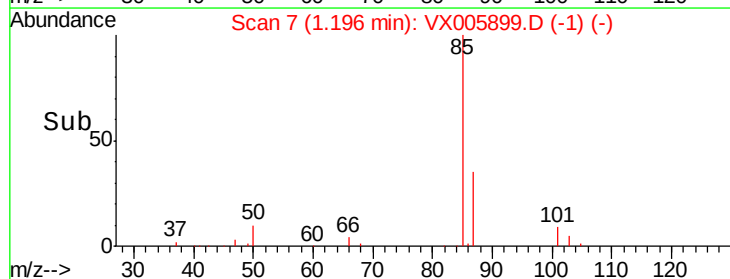
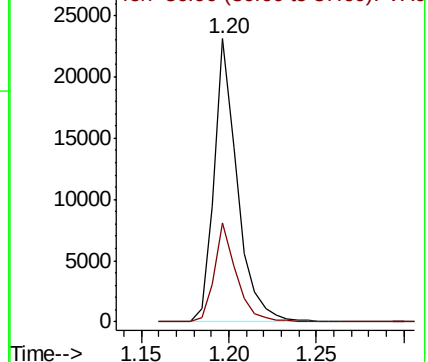
Ion Ratio Lower Upper

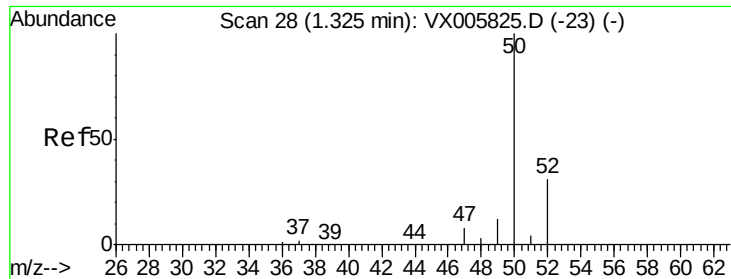
85 100

87 35.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX005825.D (-3) (-)





#3

Chloromethane

Concen: 19.273 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

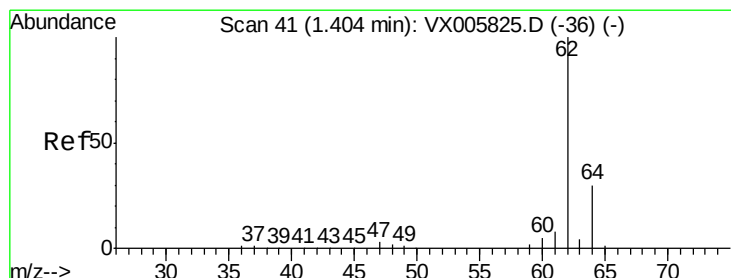
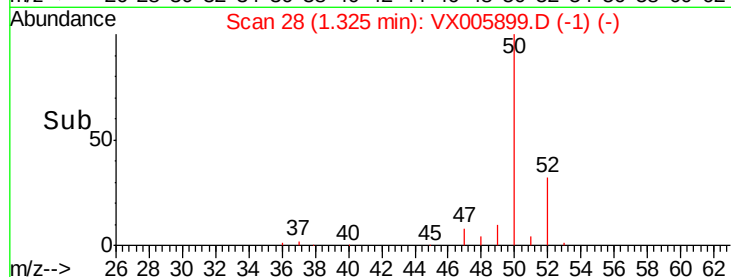
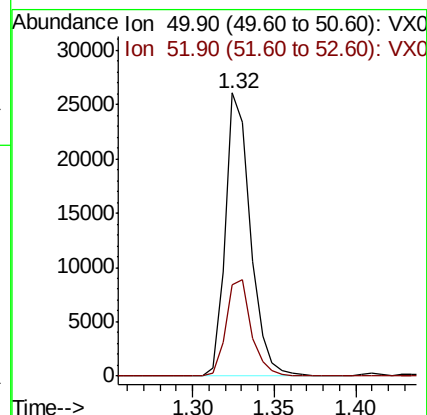
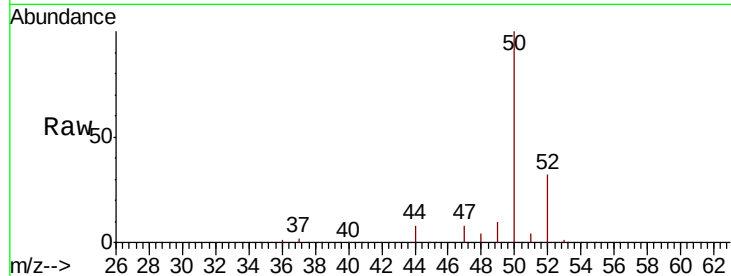
VX1112MBS01

Tot Ion: 50 Resp: 27941

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 19.329 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005899.D

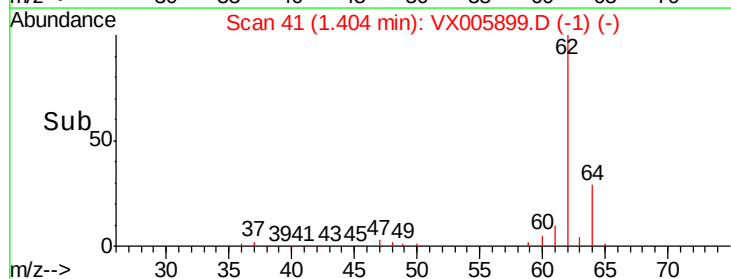
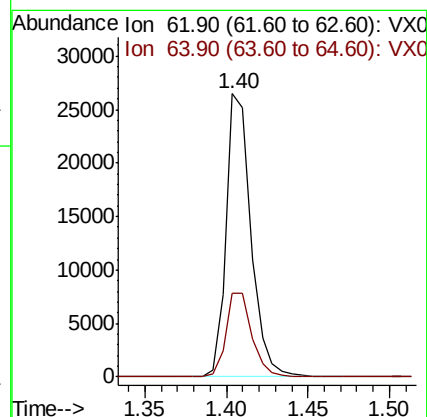
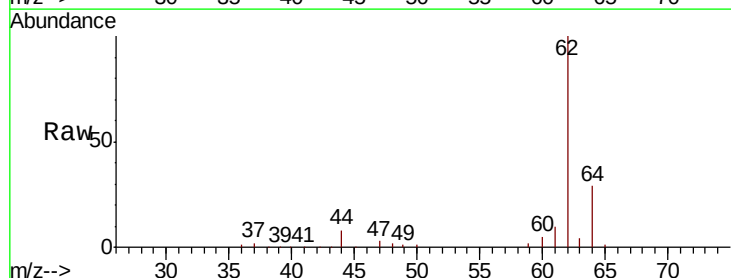
Acq: 12 Nov 2018 14:41

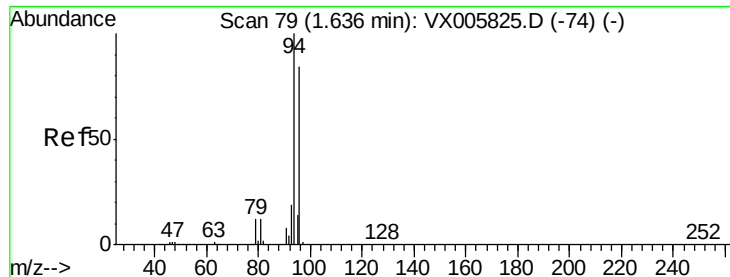
Tgt Ion: 62 Resp: 28132

Ion Ratio Lower Upper

62 100

64 29.5 25.3 37.9





#5

Bromomethane

Concen: 17.491 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

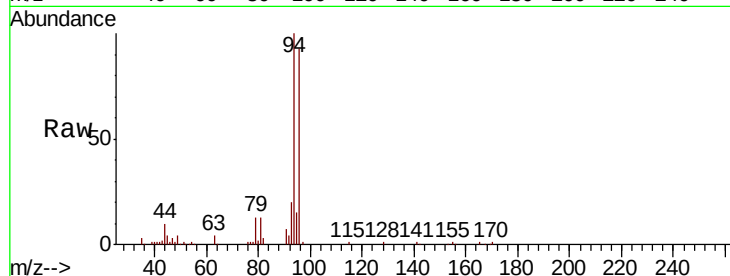
VX1112MBS01

Tot Ion: 94 Resp: 15578

Ion Ratio Lower Upper

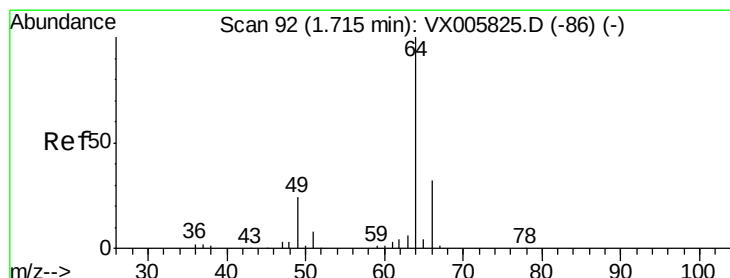
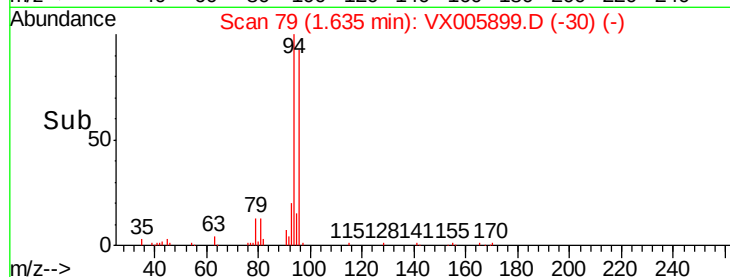
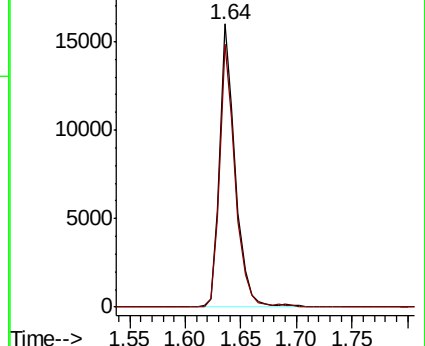
94 100

96 92.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.301 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005899.D

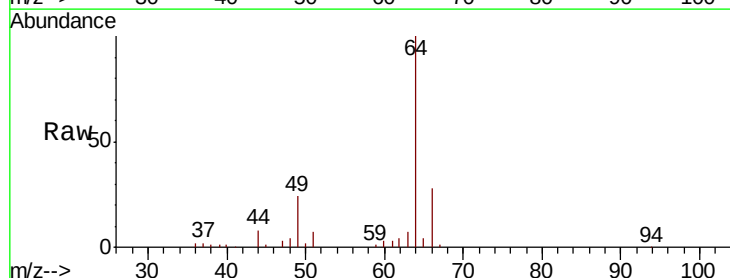
Acq: 12 Nov 2018 14:41

Tgt Ion: 64 Resp: 17629

Ion Ratio Lower Upper

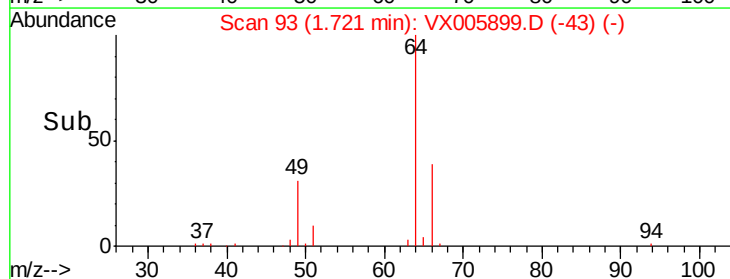
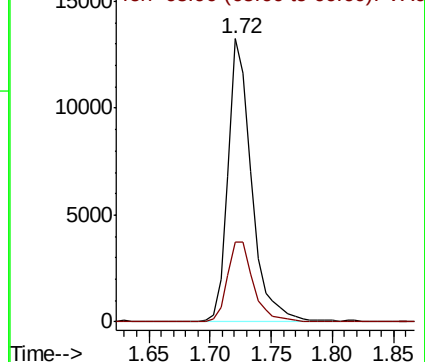
64 100

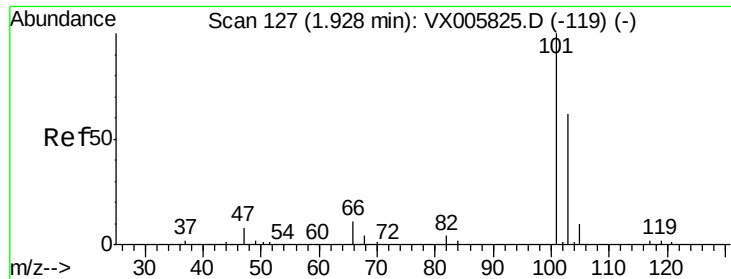
66 28.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



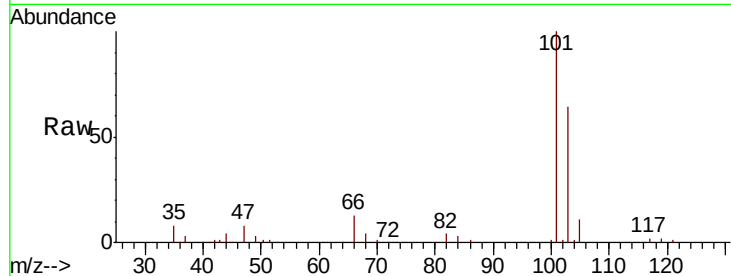


#7

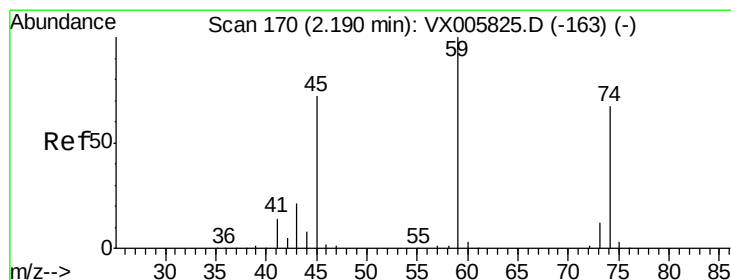
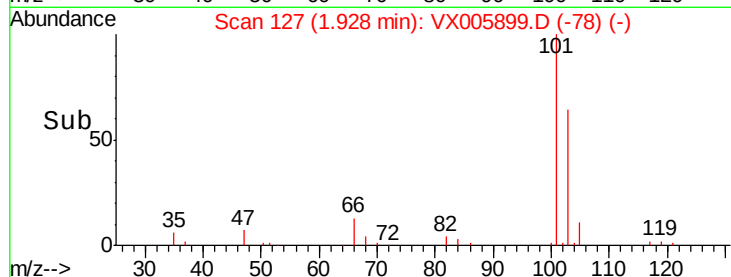
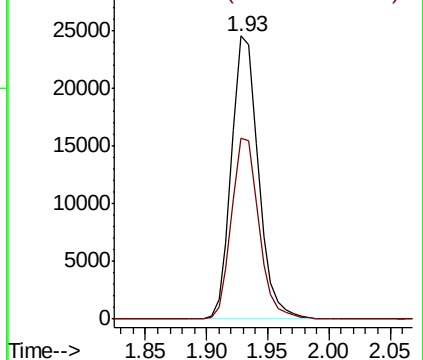
Trichlorofluoromethane
Concen: 19.380 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

Tot Ion:101 Resp: 37439
Ion Ratio Lower Upper
101 100
103 64.2 50.0 75.0



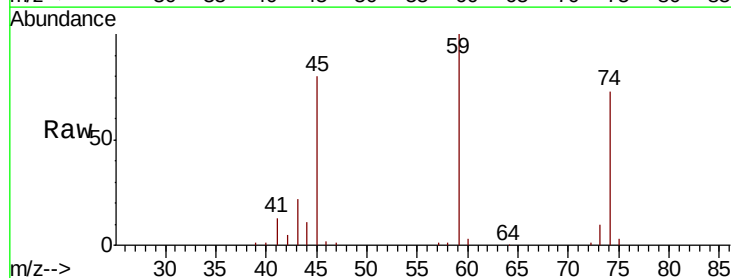
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



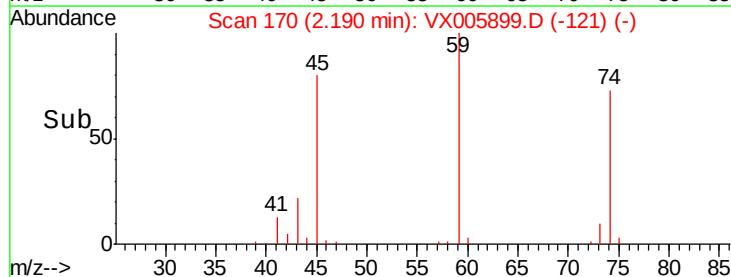
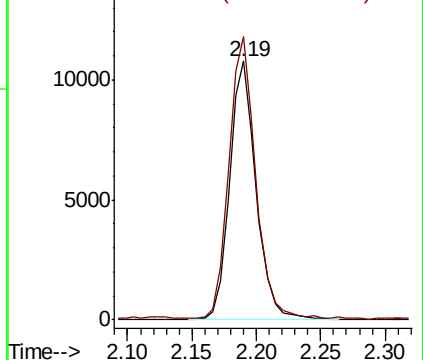
#8

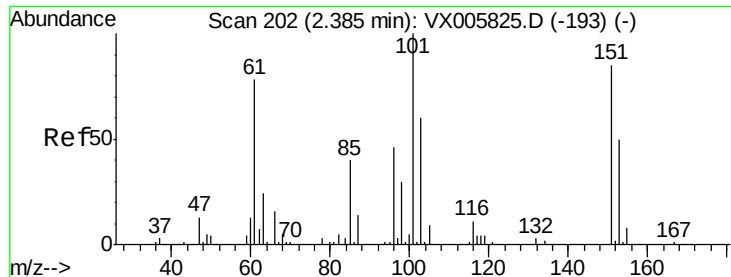
Diethyl Ether
Concen: 20.498 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion: 74 Resp: 15517
Ion Ratio Lower Upper
74 100
45 109.5 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.633 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX1112MBS01

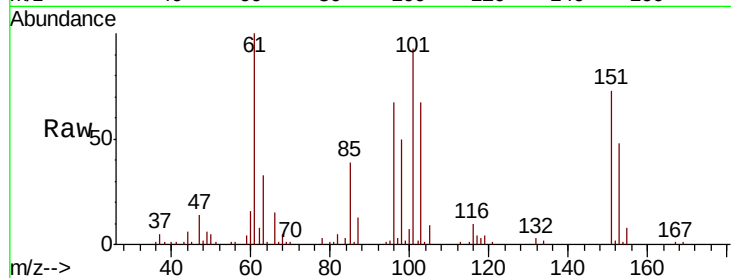
Tot Ion:101 Resp: 21814

Ion Ratio Lower Upper

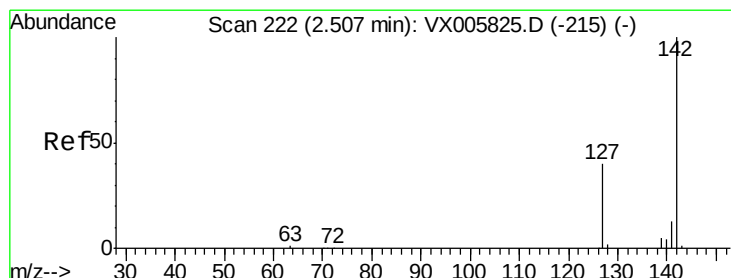
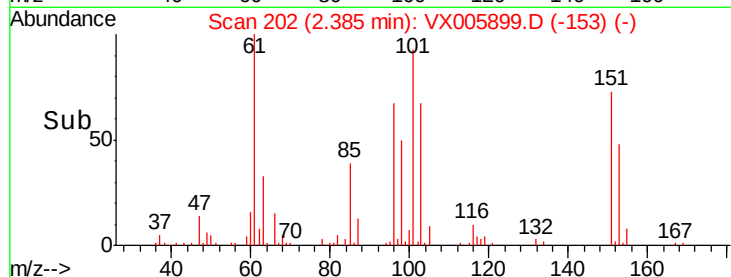
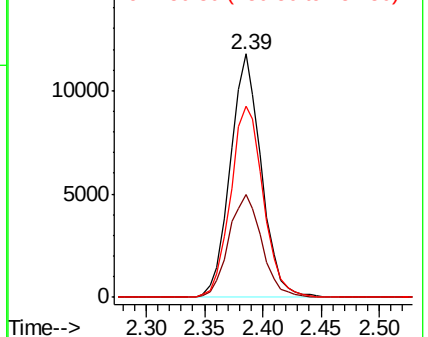
101 100

85 44.8 35.0 52.4

151 82.7 66.2 99.2



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: 17.861 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

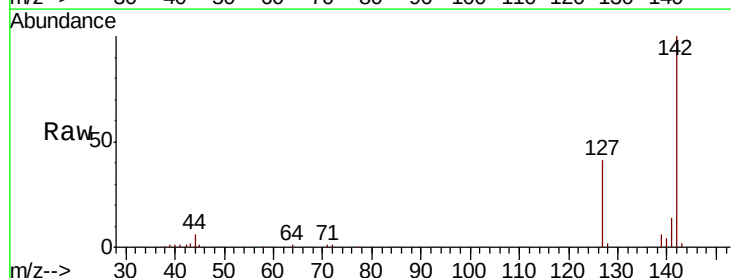
Tgt Ion:142 Resp: 24052

Ion Ratio Lower Upper

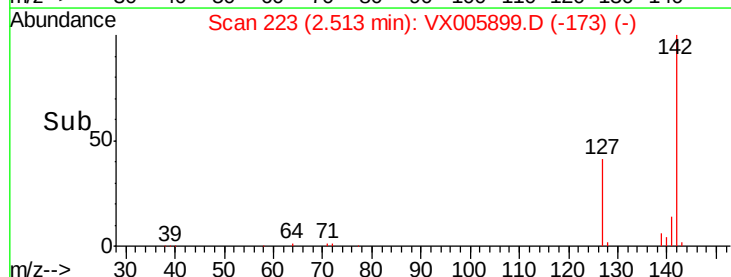
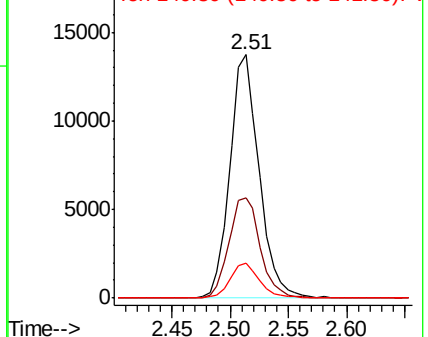
142 100

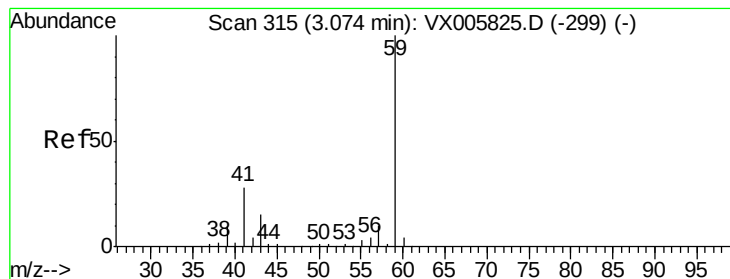
127 44.0 36.0 54.0

141 14.3 11.7 17.5



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



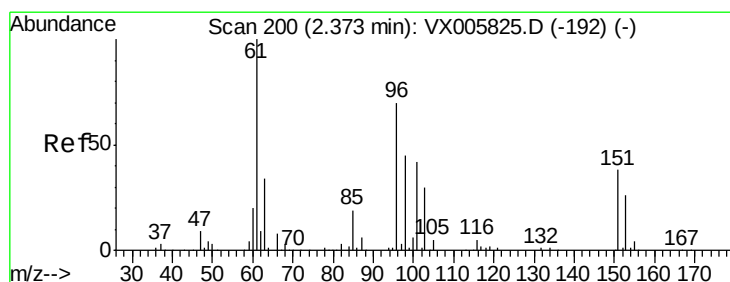
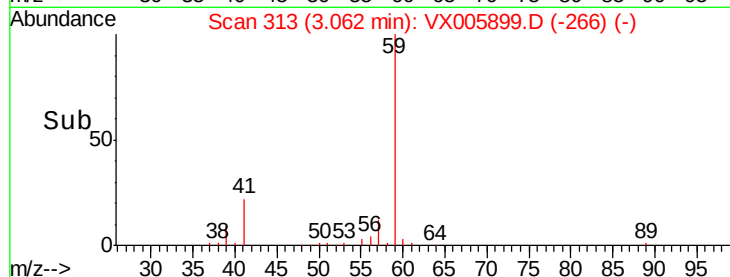
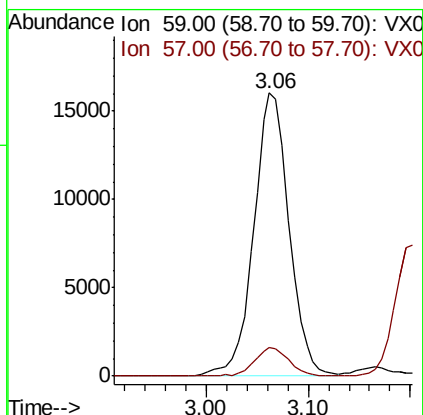
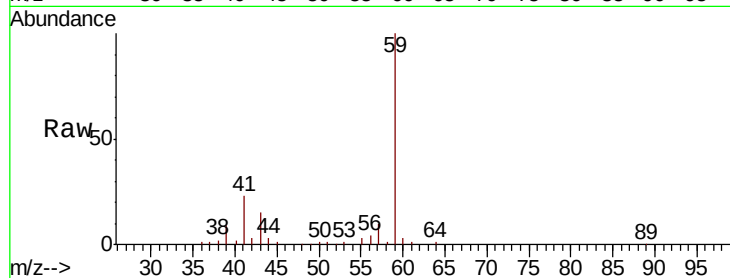


#11

Tert butyl alcohol
 Concen: 95.712 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

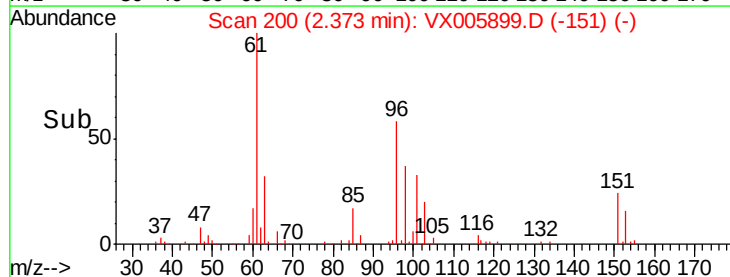
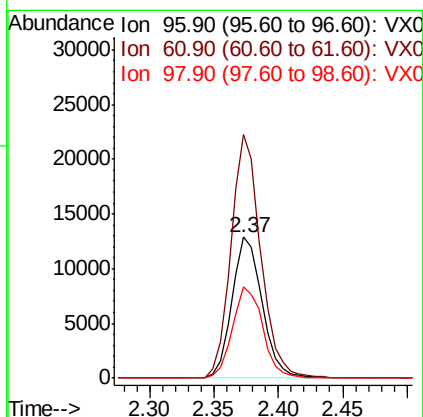
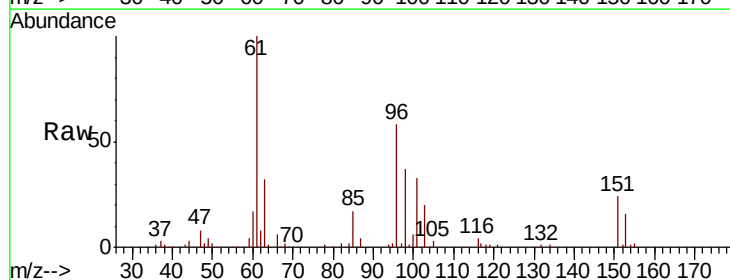
Tot Ion: 59 Resp: 38620
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.5 12.7

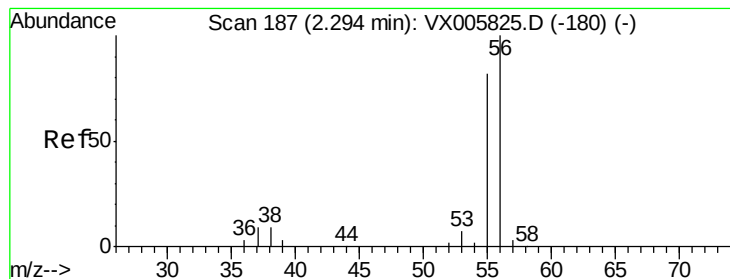


#12

1,1-Dichloroethene
 Concen: 19.432 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 96 Resp: 21044
 Ion Ratio Lower Upper
 96 100
 61 173.2 131.8 197.8
 98 64.9 53.4 80.2





#13

Acrolein

Concen: 136.505 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

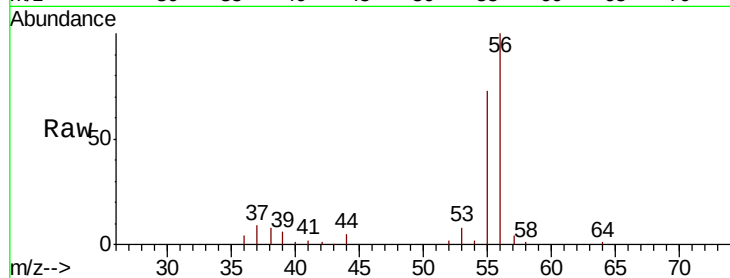
VX1112MBS01

Tot Ion: 56 Resp: 24450

Ion Ratio Lower Upper

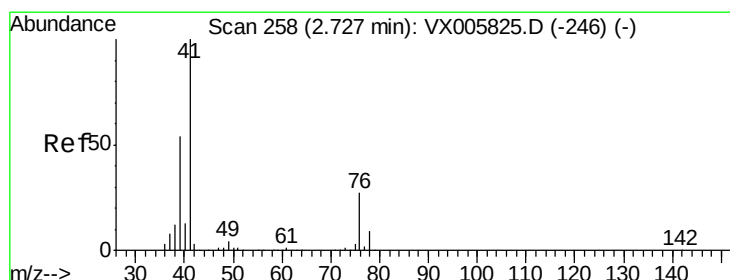
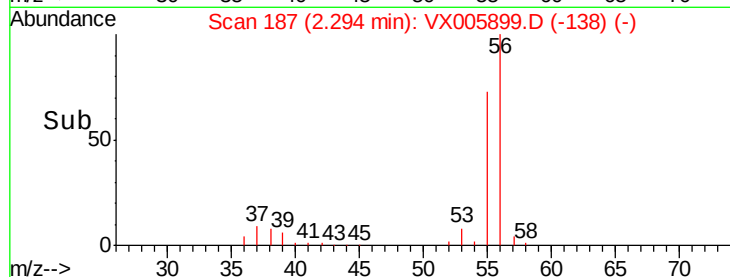
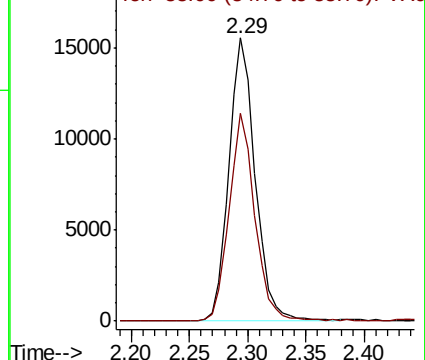
56 100

55 72.1 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.625 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

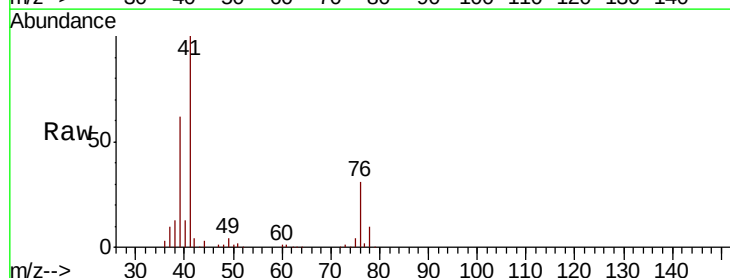
Tgt Ion: 41 Resp: 47468

Ion Ratio Lower Upper

41 100

39 59.8 48.2 72.4

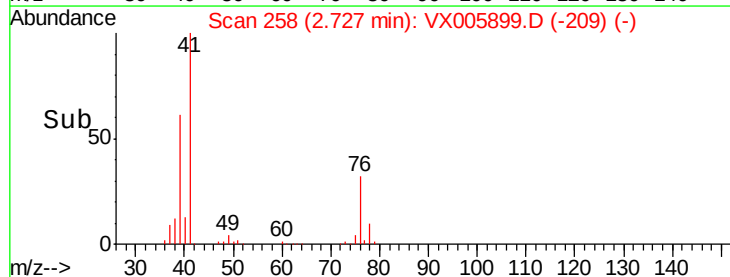
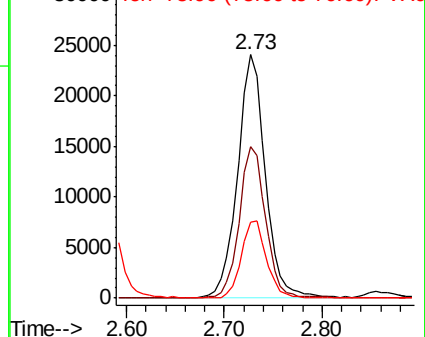
76 28.8 21.9 32.9

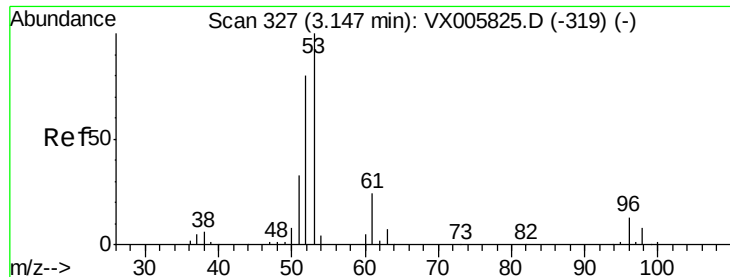


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 104.433 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX1112MBS01

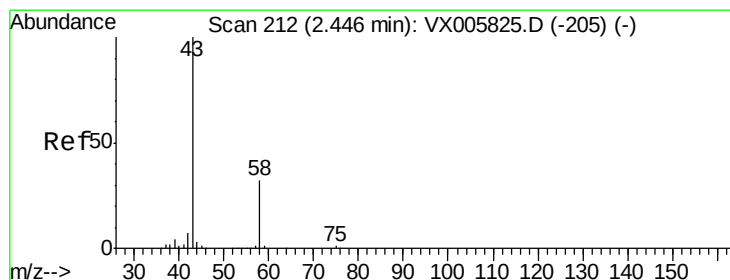
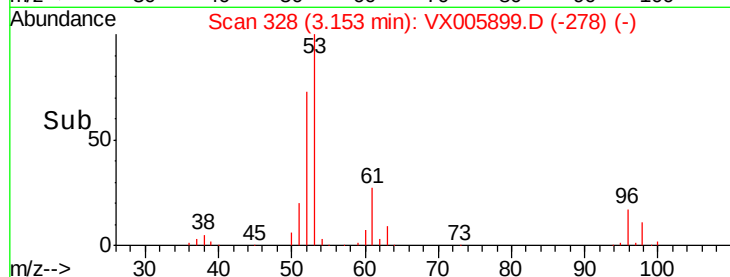
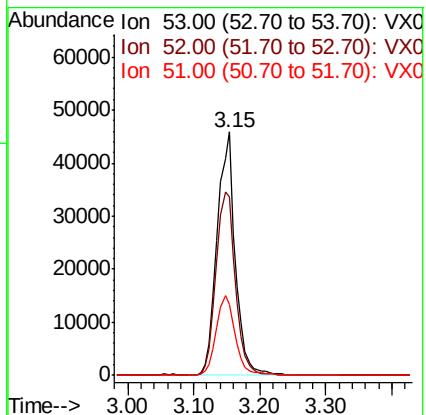
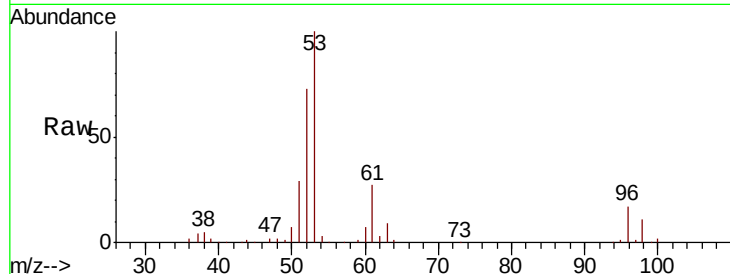
Tot Ion: 53 Resp: 87328

Ion Ratio Lower Upper

53 100

52 80.3 66.6 99.8

51 34.4 28.4 42.6



#16

Acetone

Concen: 95.838 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005899.D

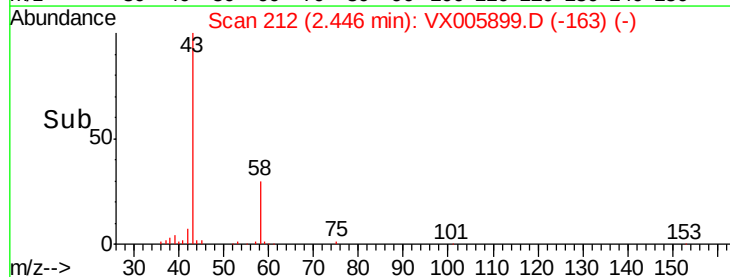
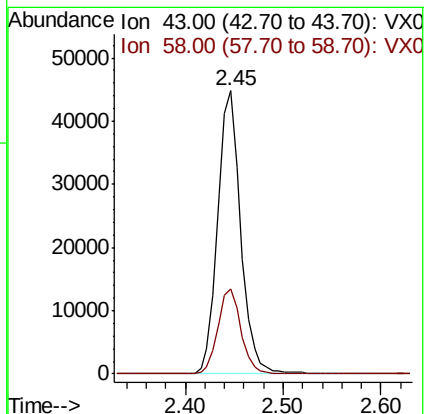
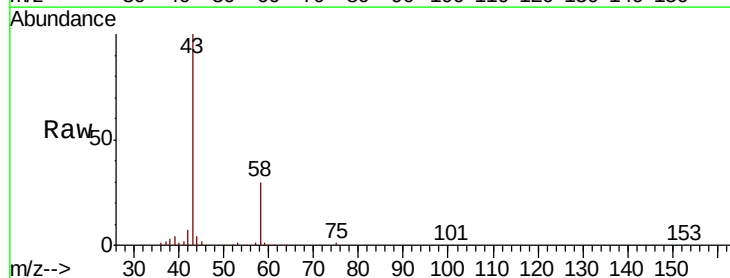
Acq: 12 Nov 2018 14:41

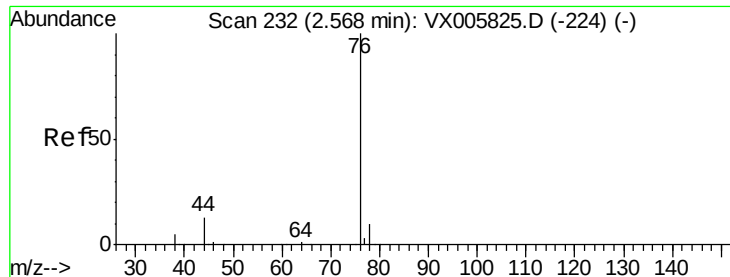
Tgt Ion: 43 Resp: 72683

Ion Ratio Lower Upper

43 100

58 30.2 23.8 35.6





#17

Carbon Disulfide

Concen: 18.325 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

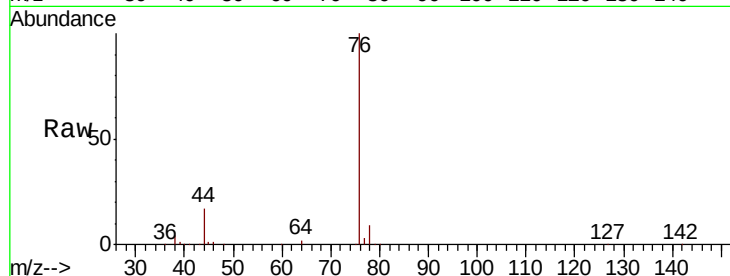
VX1112MBS01

Tot Ion: 76 Resp: 59193

Ion Ratio Lower Upper

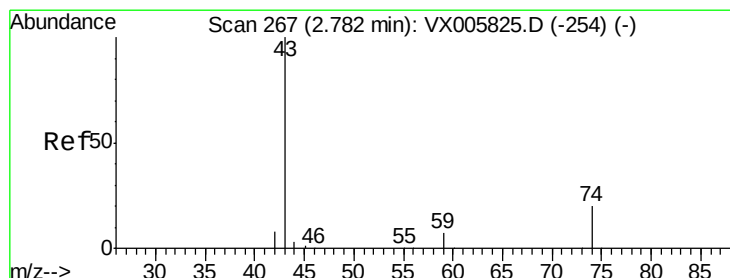
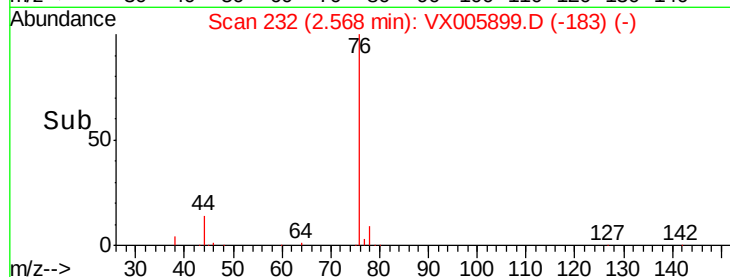
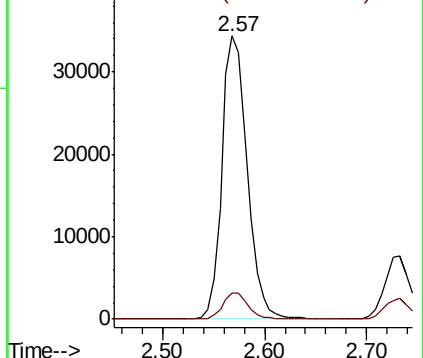
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.093 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005899.D

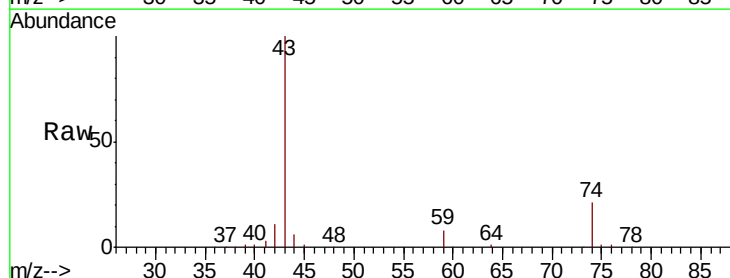
Acq: 12 Nov 2018 14:41

Tgt Ion: 43 Resp: 42641

Ion Ratio Lower Upper

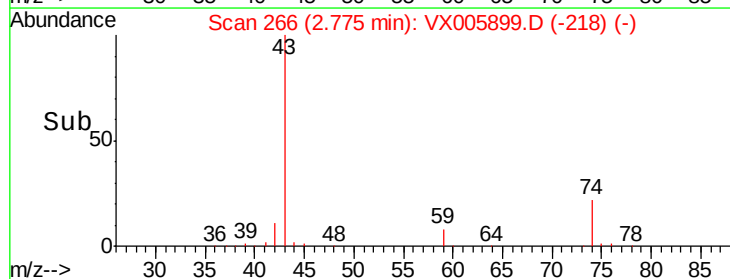
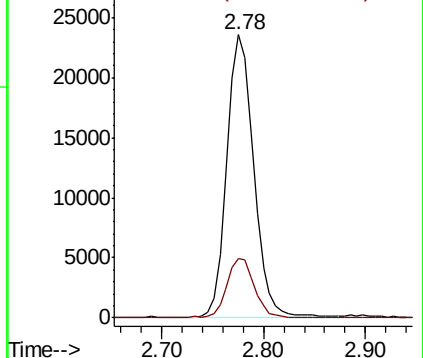
43 100

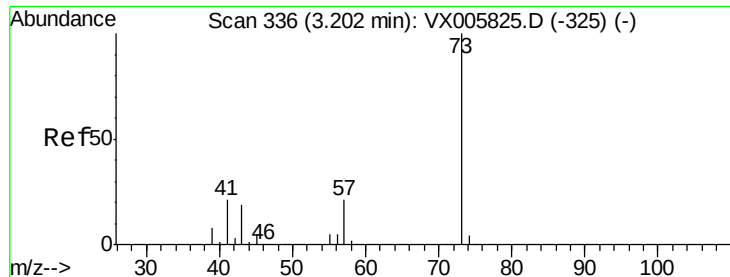
74 21.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

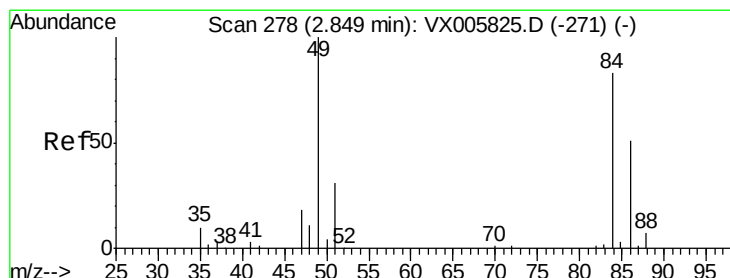
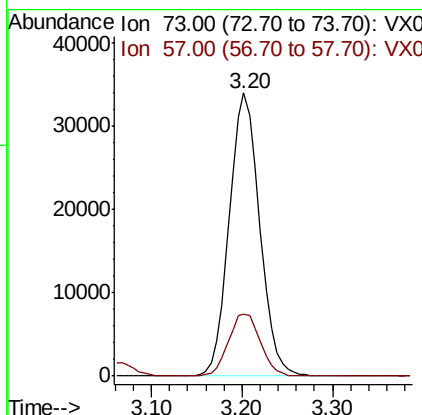
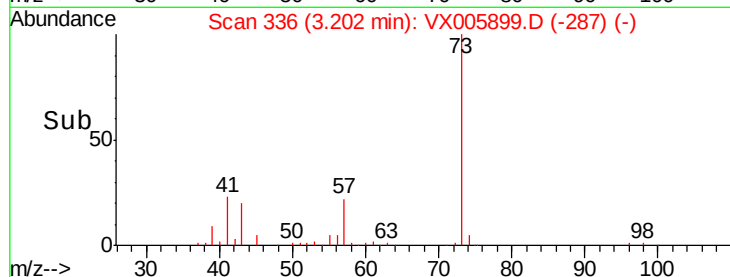
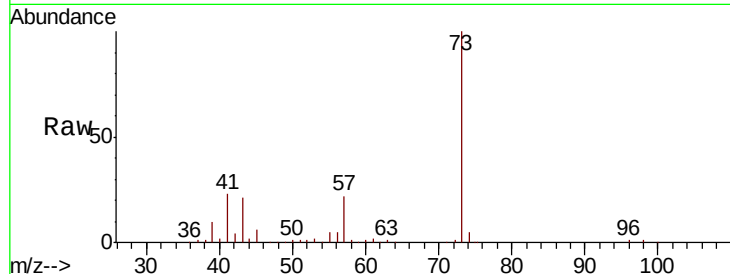




#19
Methyl tert-butyl Ether
Concen: 21.399 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

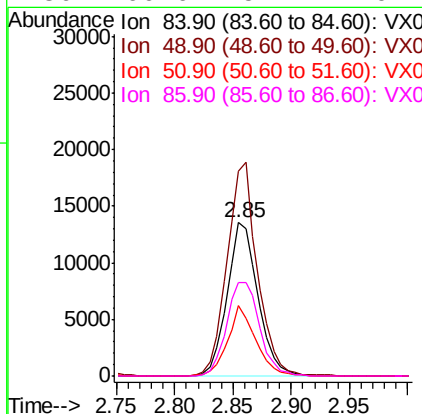
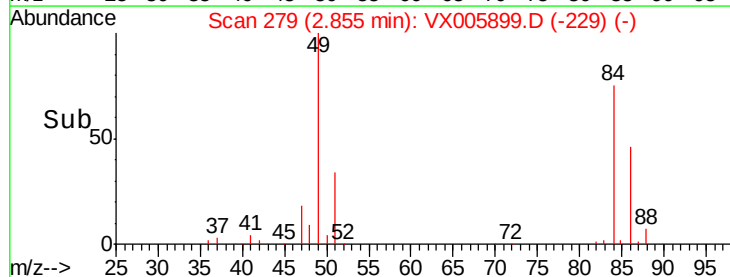
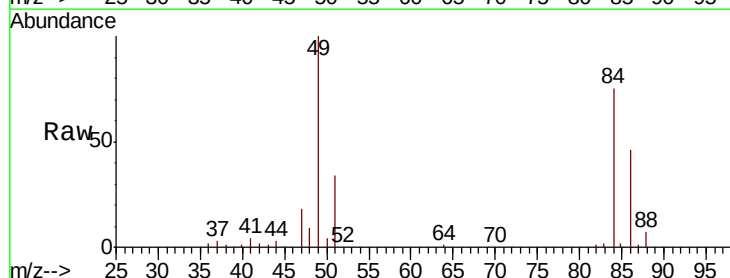
Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

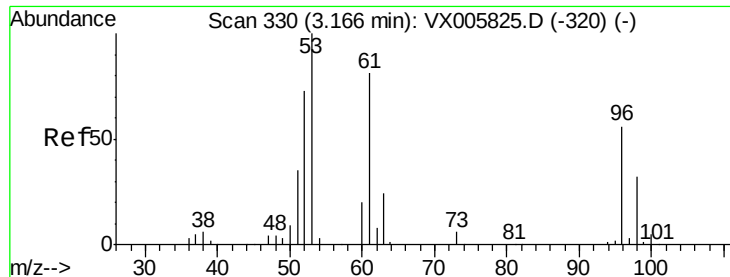
Tot Ion: 73 Resp: 79095
Ion Ratio Lower Upper
73 100
57 22.0 18.8 28.2



#20
Methylene Chloride
Concen: 20.026 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion: 84 Resp: 24948
Ion Ratio Lower Upper
84 100
49 133.2 109.5 164.3
51 45.6 33.3 49.9
86 60.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.840 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX1112MBS01

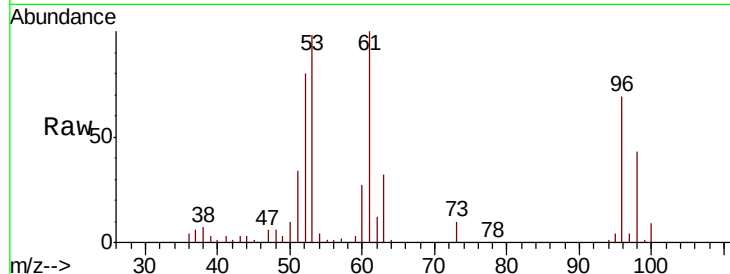
Tot Ion: 96 Resp: 22662

Ion Ratio Lower Upper

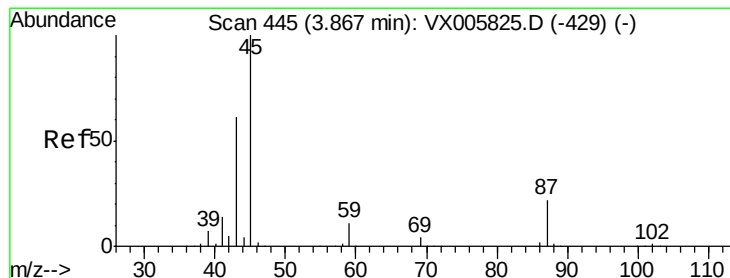
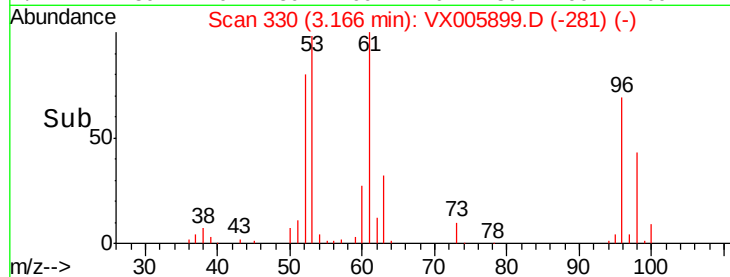
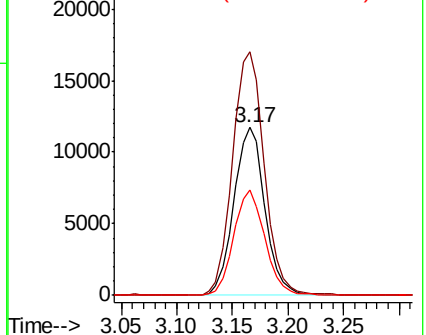
96 100

61 145.0 115.6 173.4

98 62.5 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.706 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Tgt Ion: 45 Resp: 83494

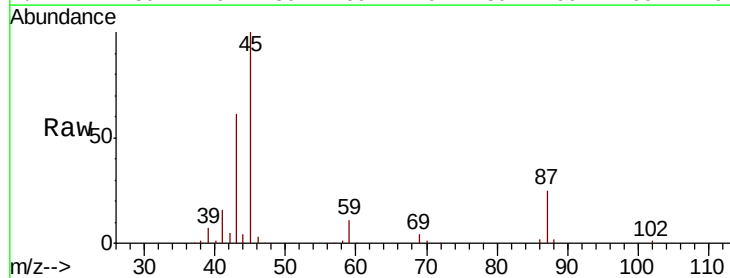
Ion Ratio Lower Upper

45 100

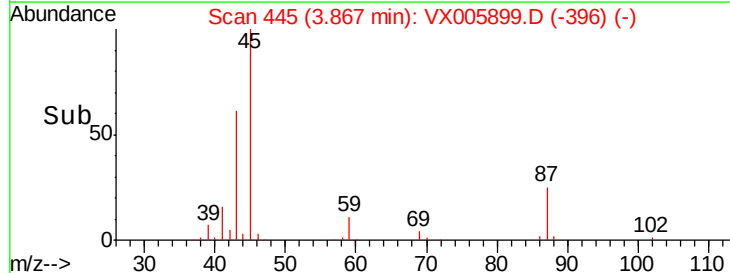
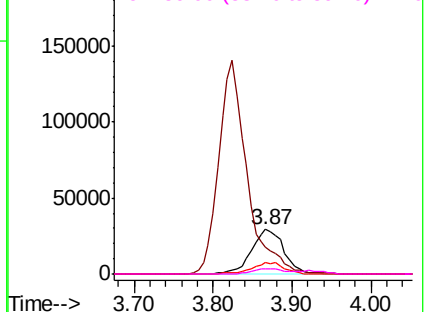
43 60.0 47.4 71.2

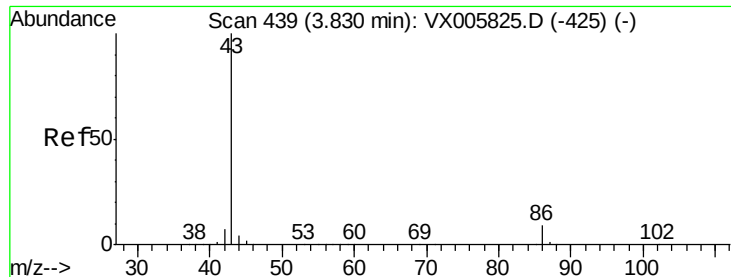
87 25.0 15.9 23.9#

59 10.7 7.7 11.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

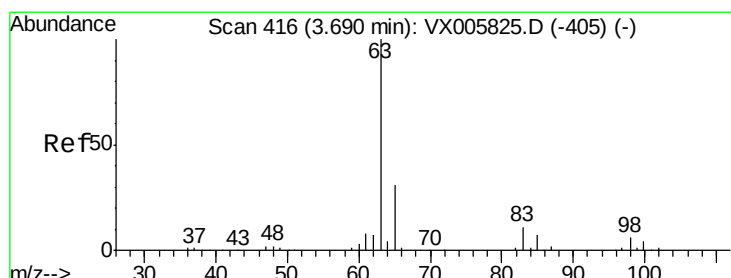
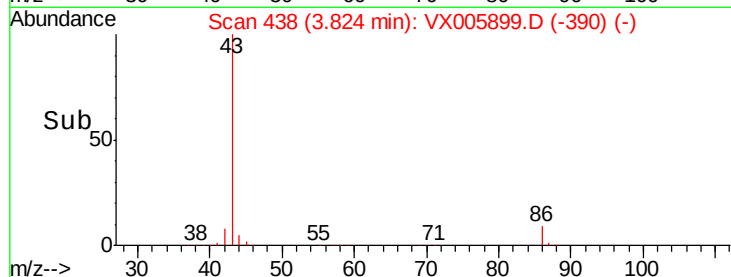
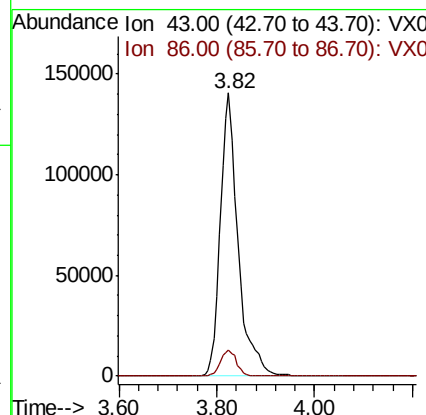
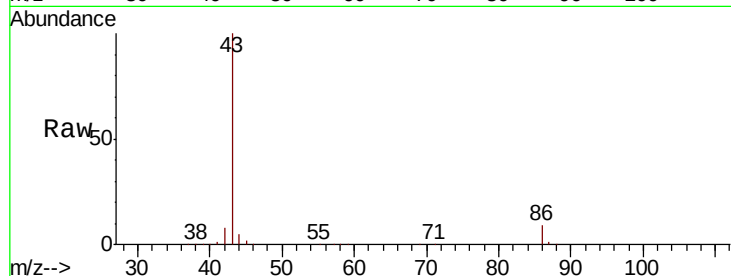




#23
 Vinyl Acetate
 Concen: 97.465 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

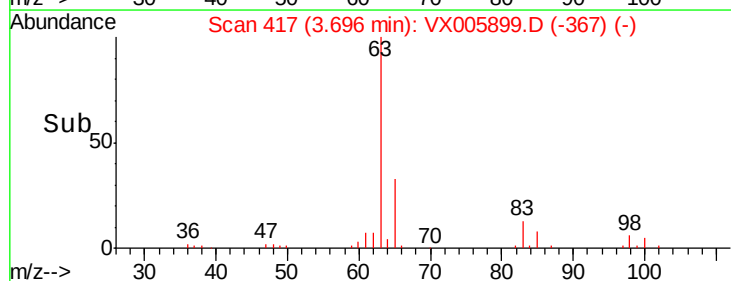
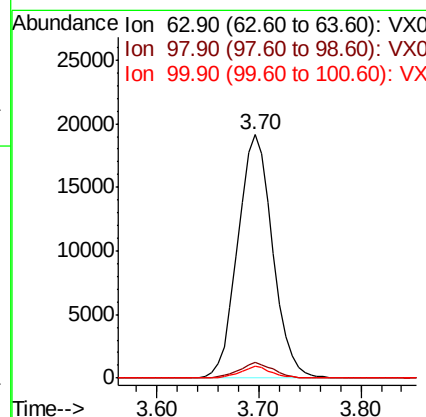
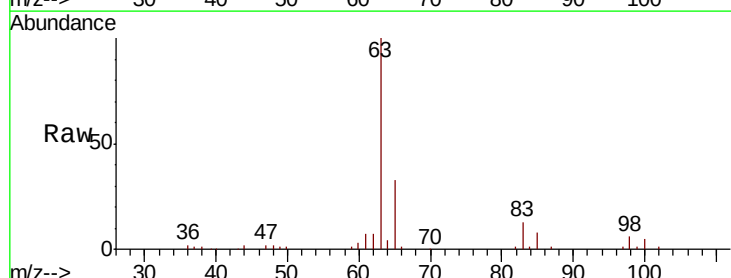
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

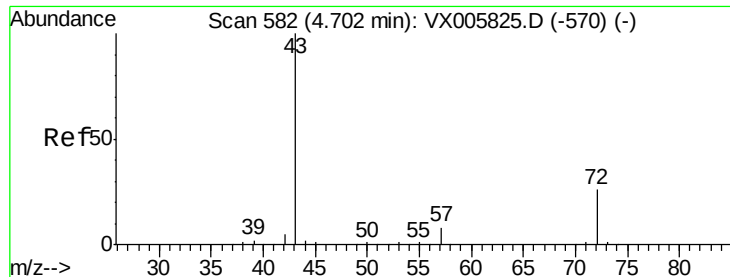
Tot Ion: 43 Resp: 354078
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 20.048 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 63 Resp: 45318
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.2 9.6
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 97.697 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

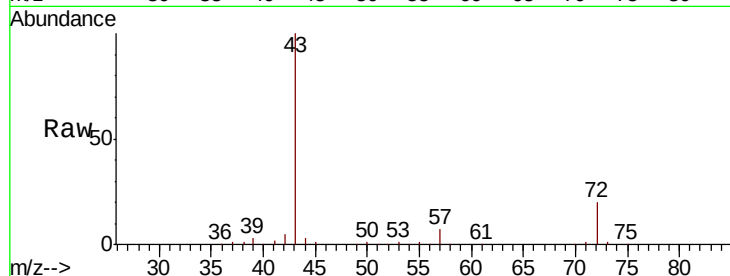
VX1112MBS01

Tot Ion: 43 Resp: 116486

Ion Ratio Lower Upper

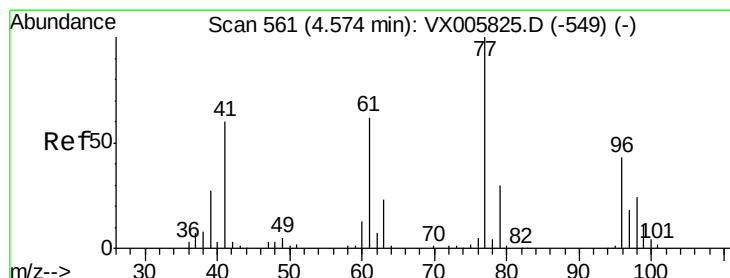
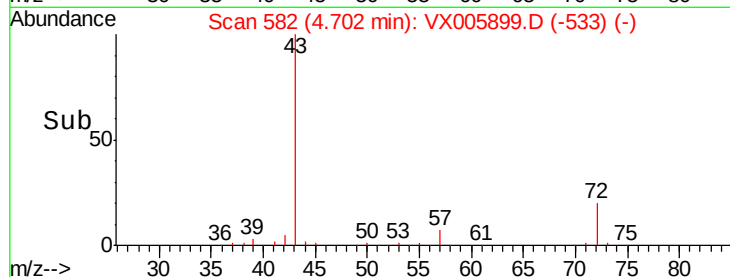
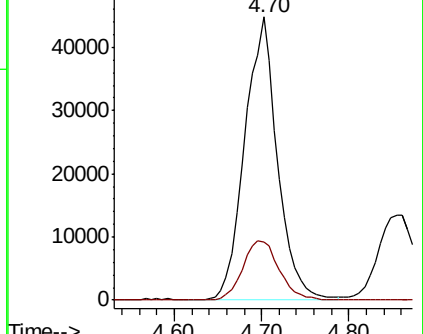
43 100

72 20.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.241 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005899.D

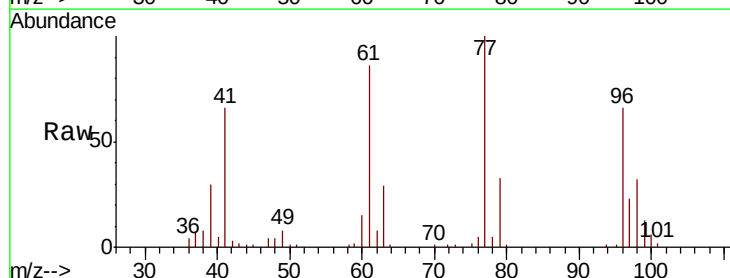
Acq: 12 Nov 2018 14:41

Tgt Ion: 77 Resp: 33564

Ion Ratio Lower Upper

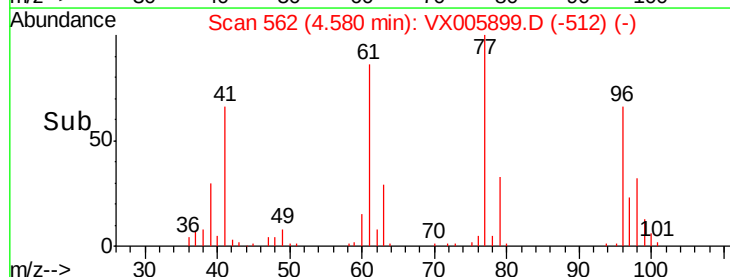
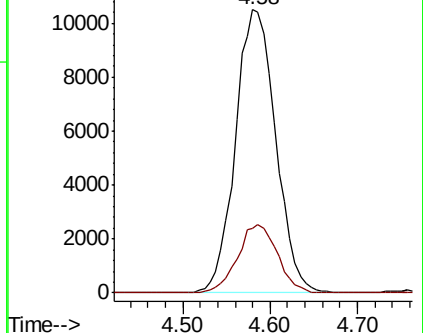
77 100

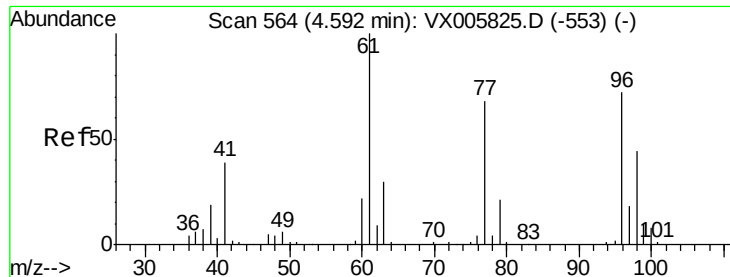
97 23.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



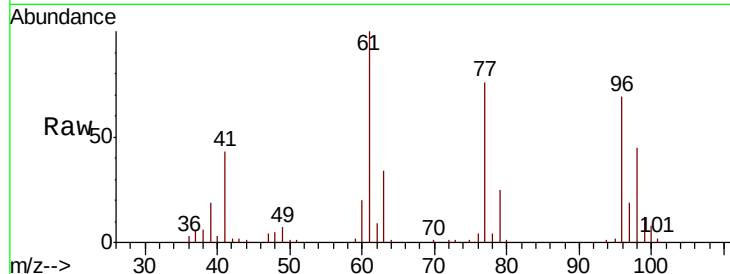


#27

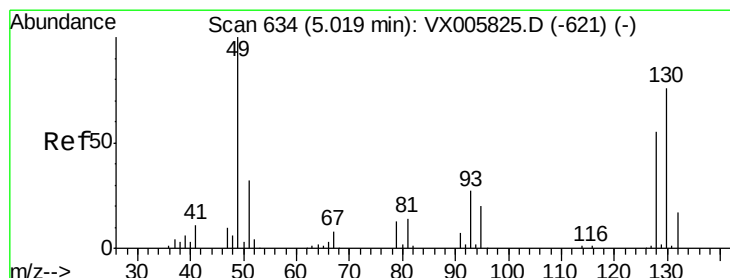
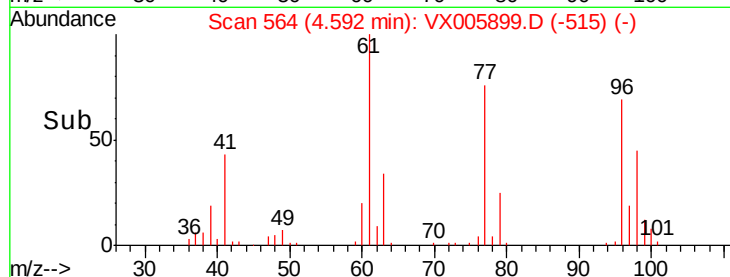
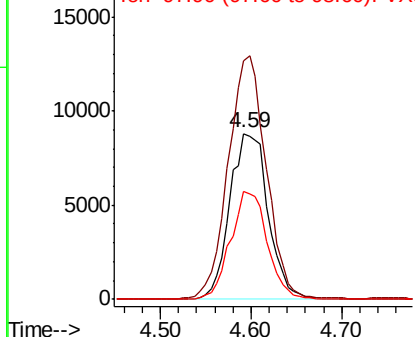
cis-1,2-Dichloroethene
 Concen: 20.384 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

Tot Ion: 96 Resp: 25709
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 304.6
 98 62.3 0.0 127.4



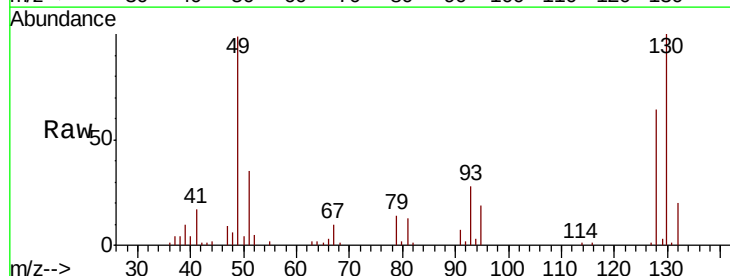
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



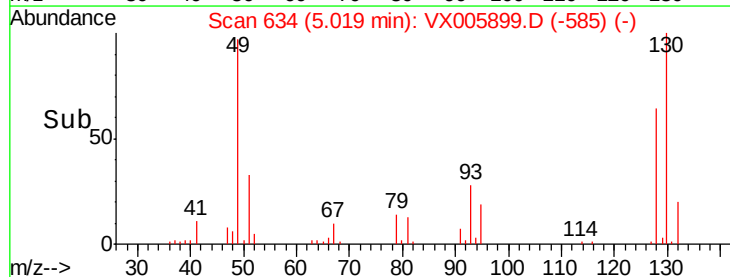
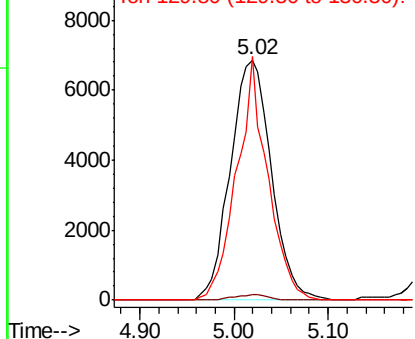
#28

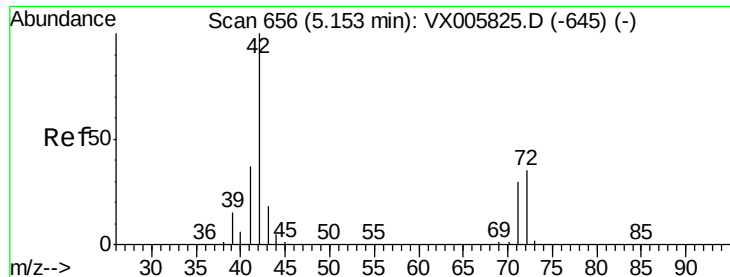
Bromochloromethane
 Concen: 20.627 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 49 Resp: 20839
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 76.5 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

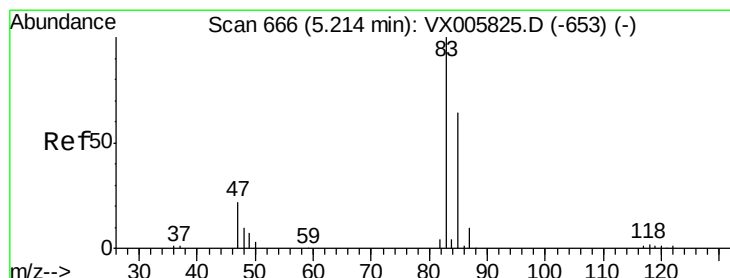
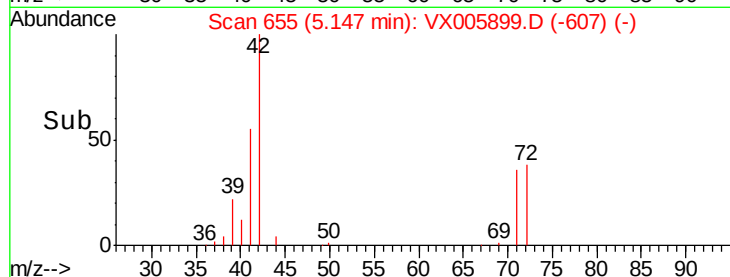
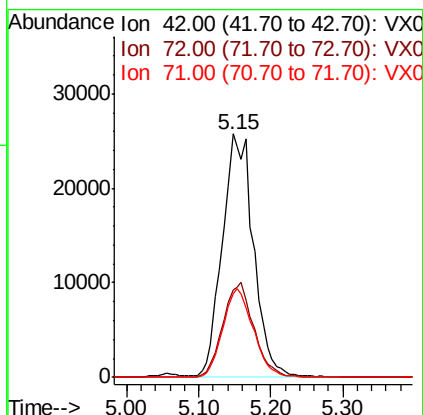
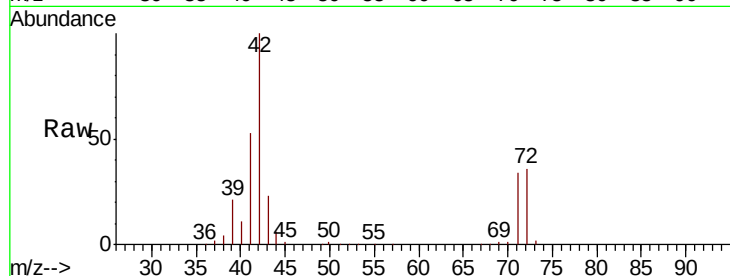




#29
Tetrahydrofuran
Concen: 101.088 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

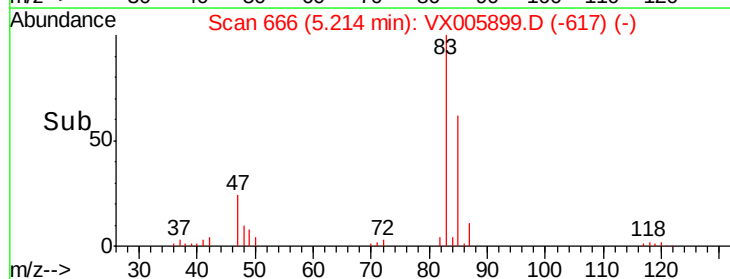
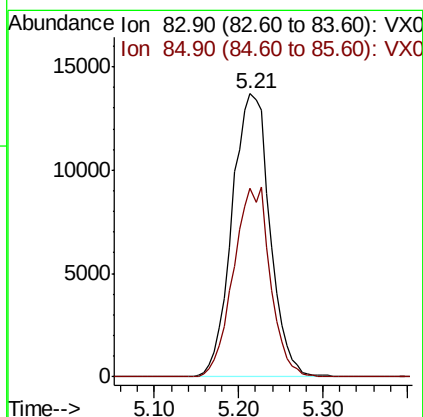
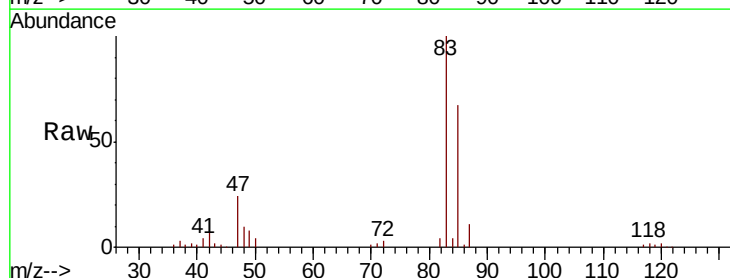
Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

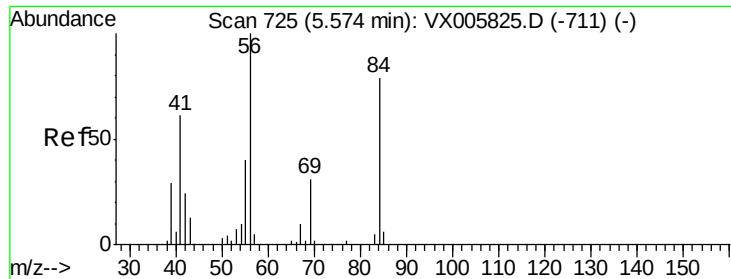
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	32.0	48.0
71	35.7	29.8	44.8



#30
Chloroform
Concen: 19.066 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.6	76.0

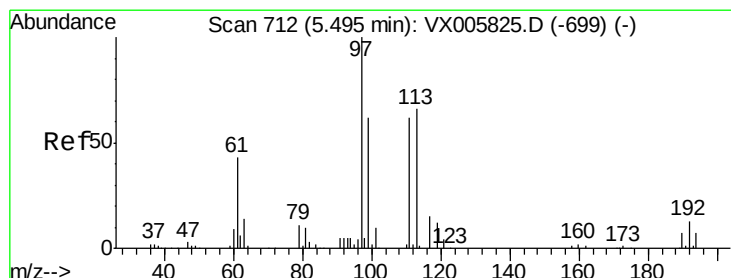
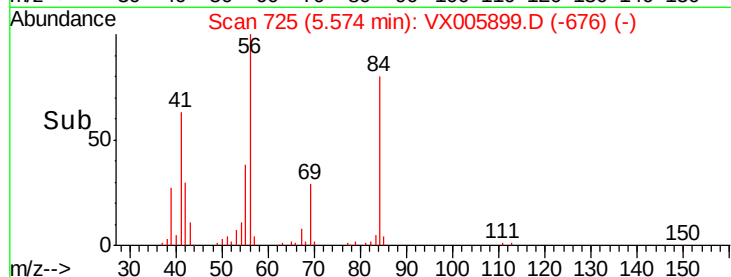
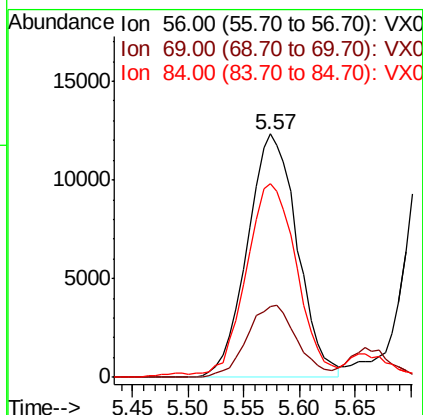
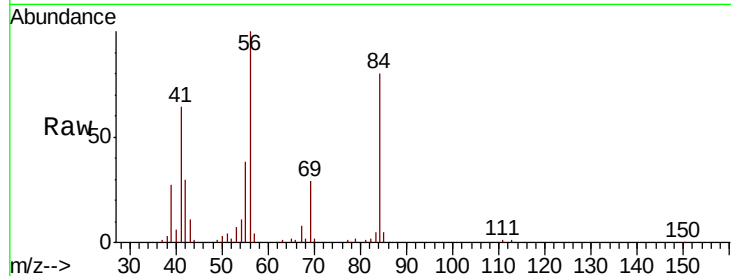




#31
Cyclohexane
Concen: 19.547 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

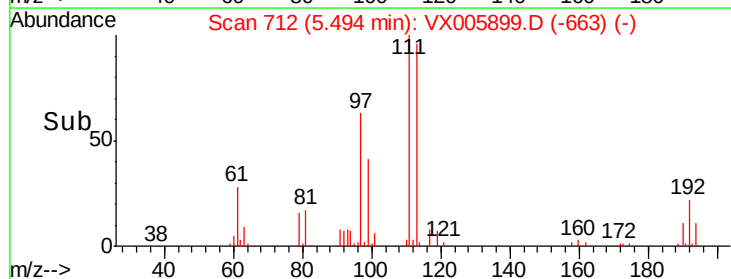
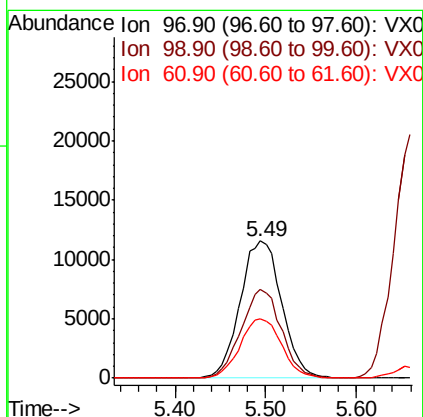
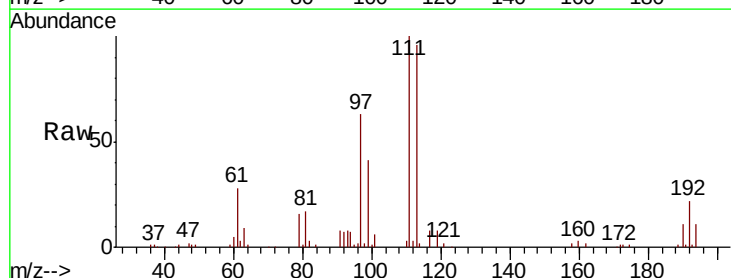
Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

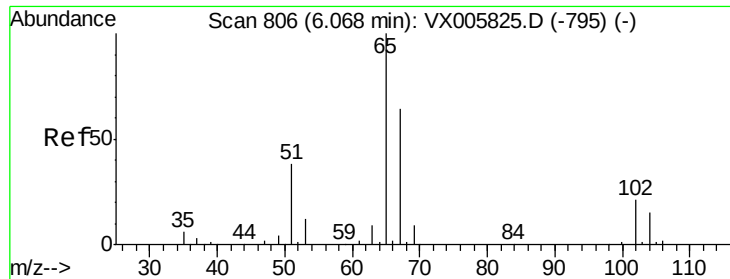
Tot Ion: 56 Resp: 38356
Ion Ratio Lower Upper
56 100
69 28.9 22.6 34.0
84 78.4 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 20.093 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion: 97 Resp: 36551
Ion Ratio Lower Upper
97 100
99 62.4 52.3 78.5
61 43.2 35.2 52.8

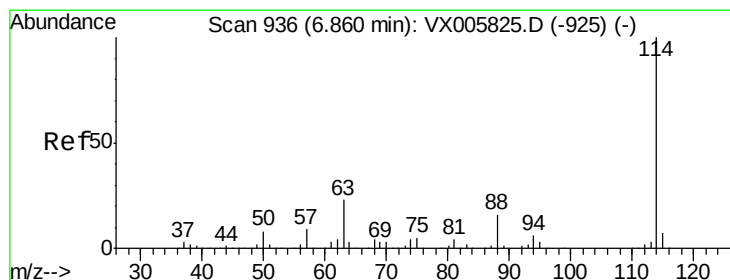
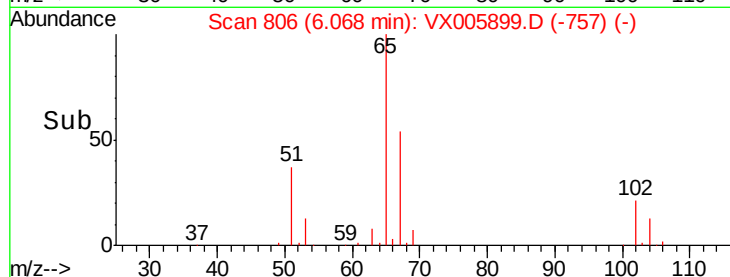
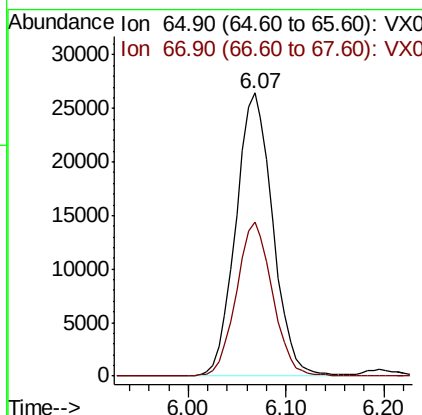
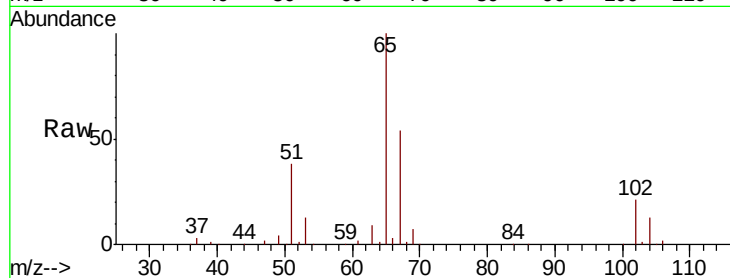




#33
 1,2-Dichloroethane-d4
 Concen: 49.053 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

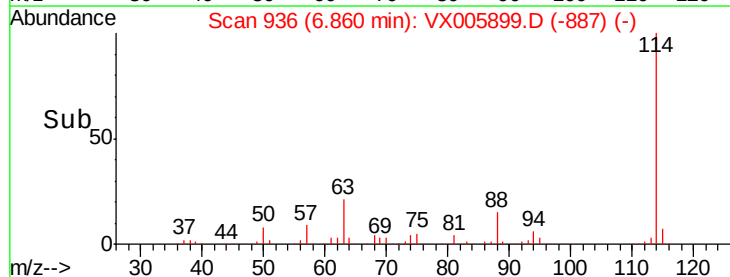
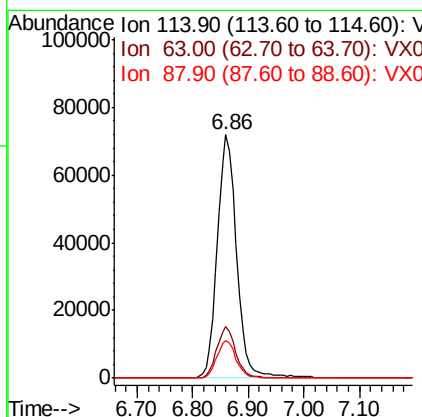
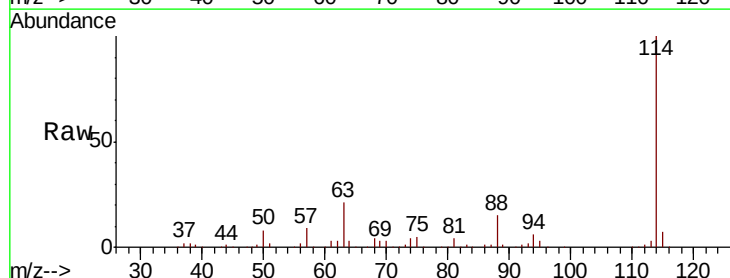
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

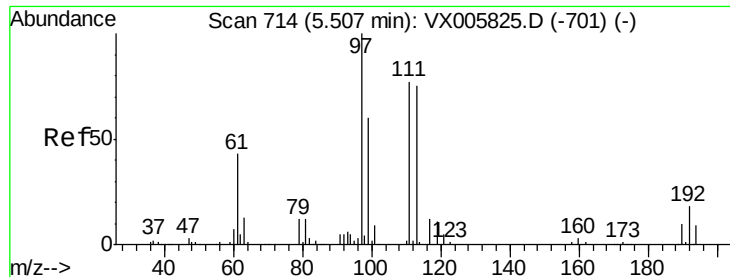
Tot Ion: 65 Resp: 69094
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 114 Resp: 174255
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 15.2 0.0 31.2

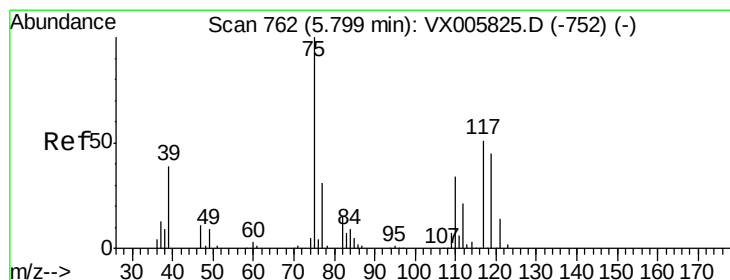
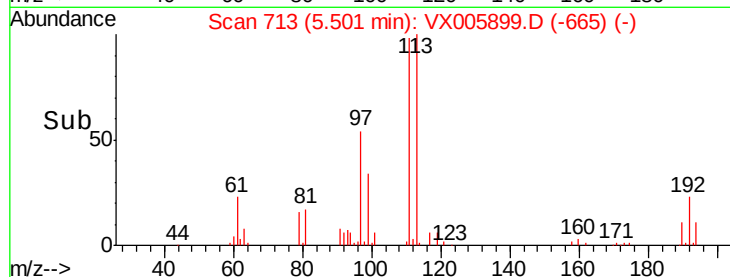
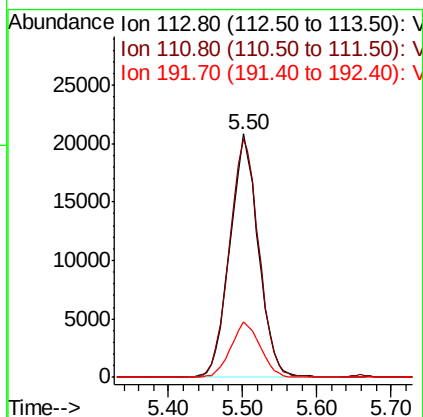
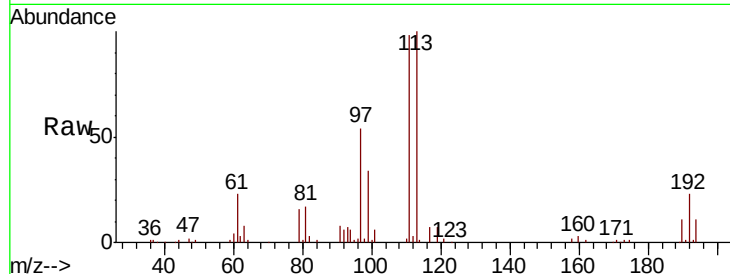




#35
 Dibromofluoromethane
 Concen: 47.088 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

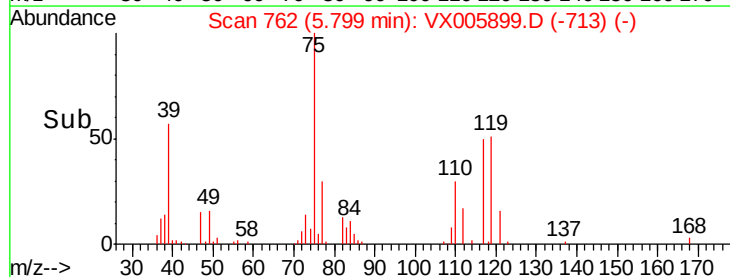
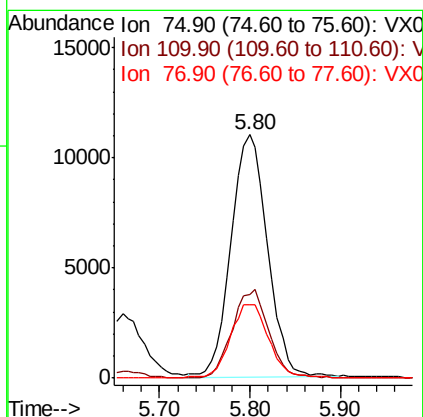
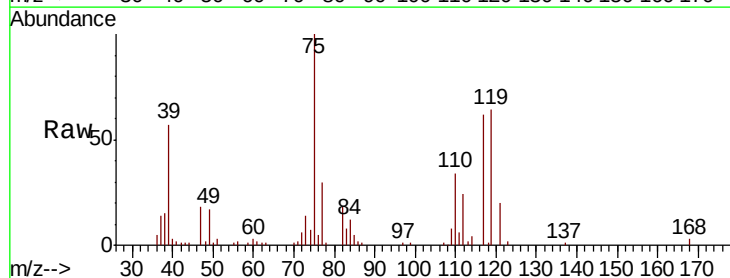
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

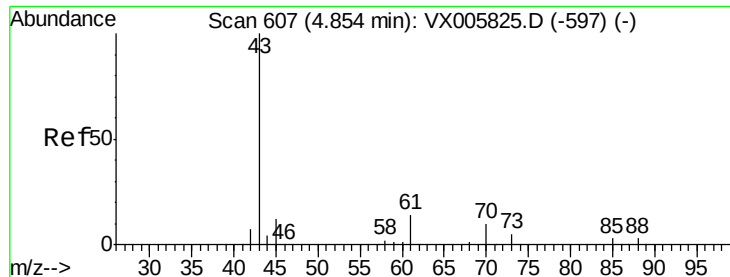
Tot Ion:113 Resp: 55809
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.3 123.5
 192 23.5 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 18.228 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 75 Resp: 30620
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.4 52.2
 77 32.3 25.8 38.6

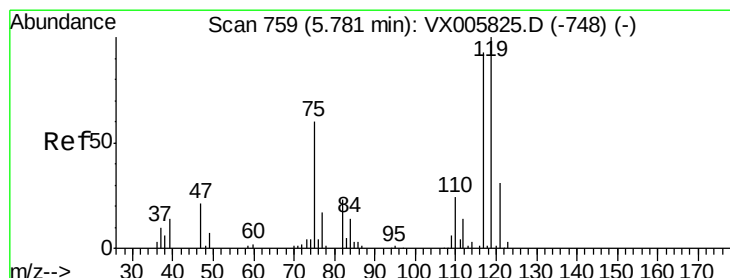
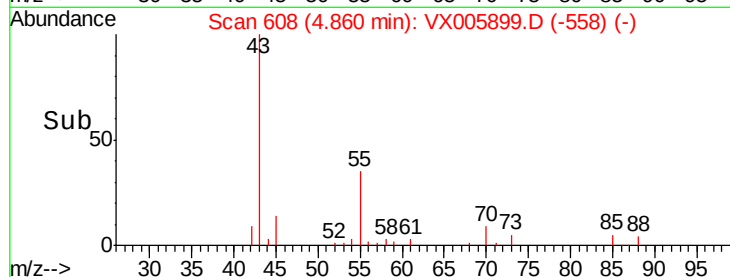
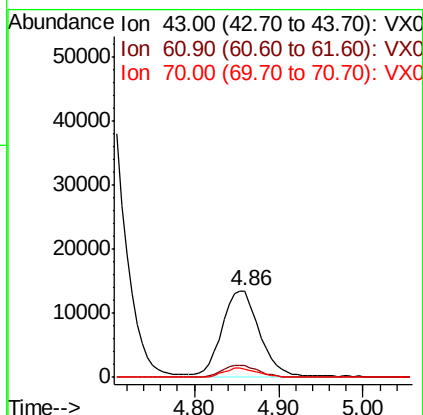
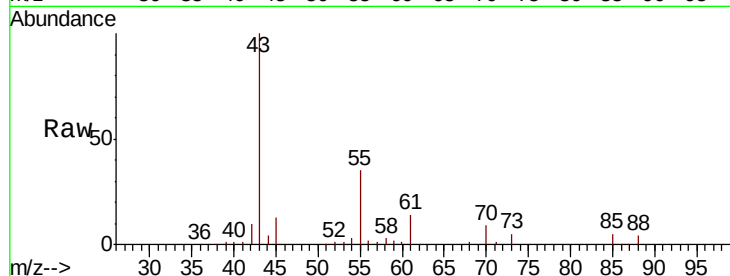




#37
Ethyl Acetate
Concen: 18.516 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

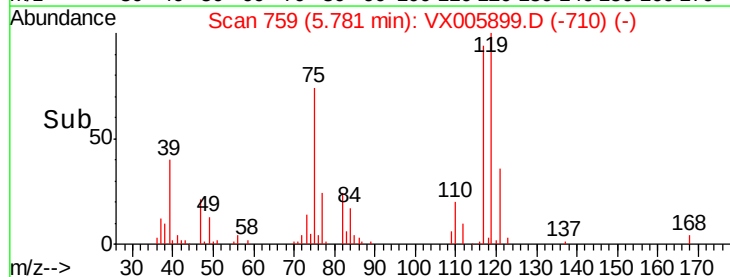
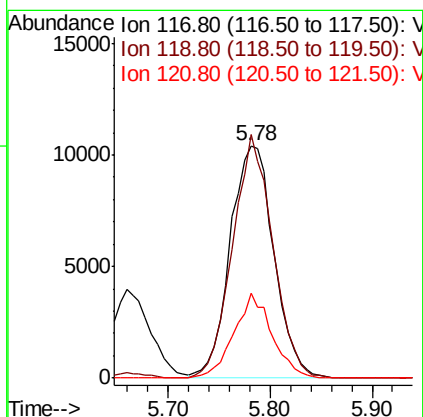
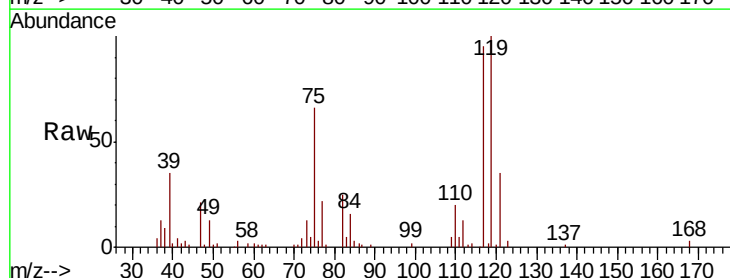
Instrument :
MSVOA_X
ClientSampled :
VX1112MBS01

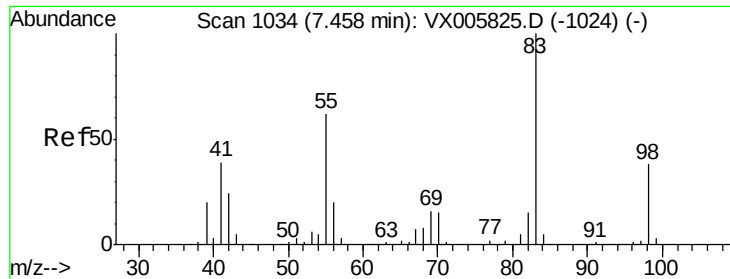
Tot Ion: 43 Resp: 40903
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.417 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion: 117 Resp: 30973
Ion Ratio Lower Upper
117 100
119 104.8 78.1 117.1
121 36.7 24.6 36.8

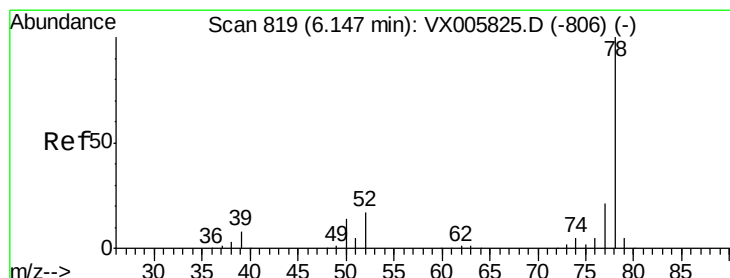
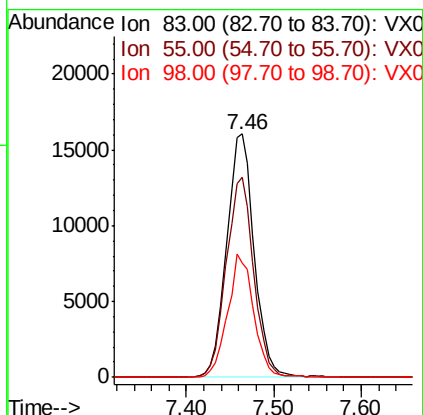
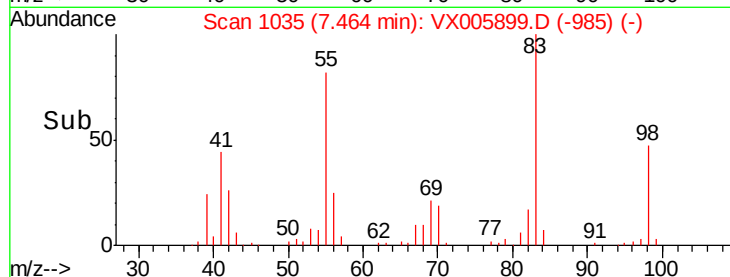
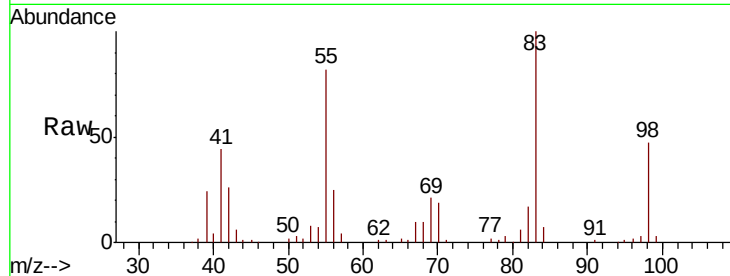




#39
Methylvlcyclohexane
Concen: 20.611 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

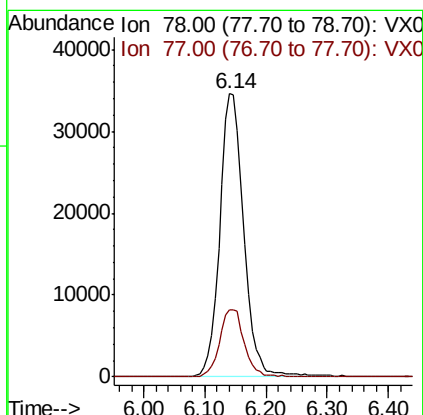
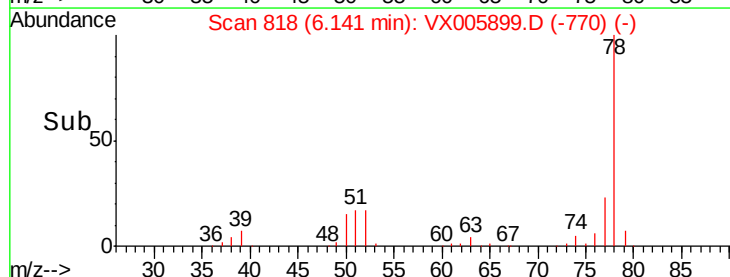
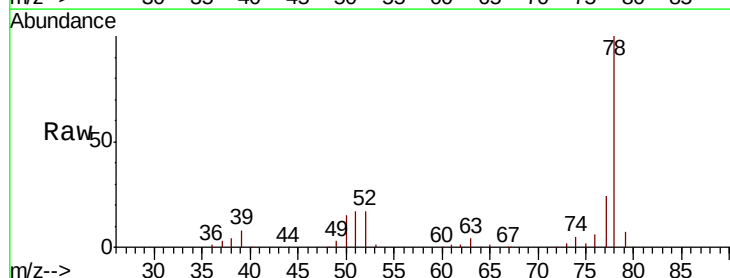
Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

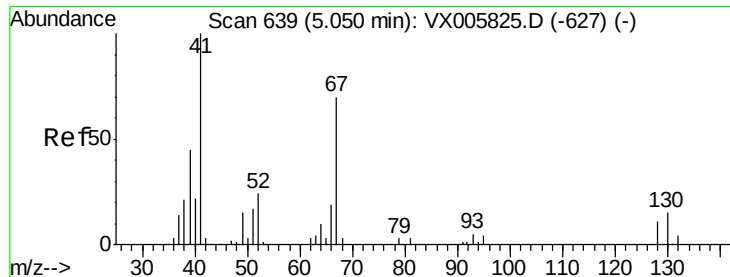
Tot Ion: 83 Resp: 35092
Ion Ratio Lower Upper
83 100
55 82.4 63.7 95.5
98 47.1 36.2 54.2



#40
Benzene
Concen: 19.236 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion: 78 Resp: 94204
Ion Ratio Lower Upper
78 100
77 23.8 18.4 27.6

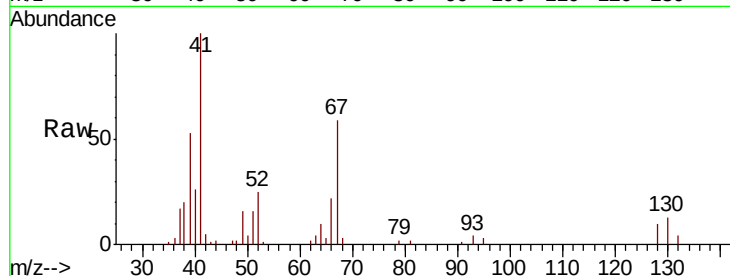




#41
Methacrylonitrile
Concen: 19.430 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

Tot Ion:	41	Resp:	23193
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.2	63.2
67	66.6	53.4	80.0
52	26.9	23.4	35.2



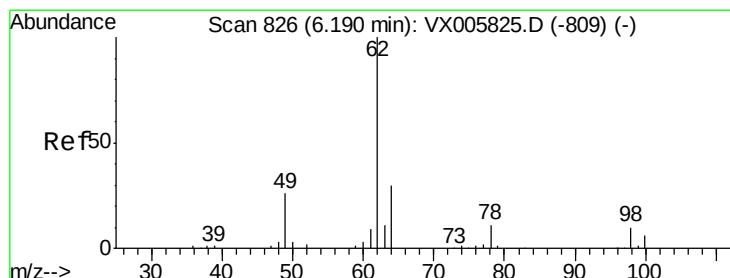
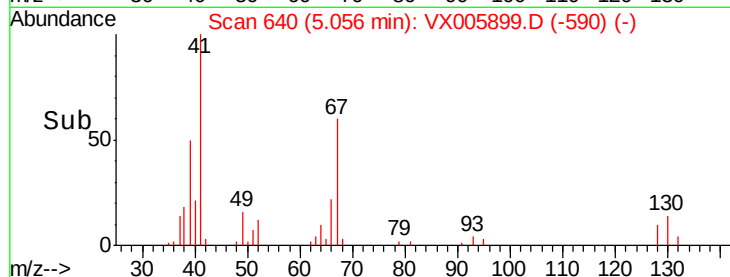
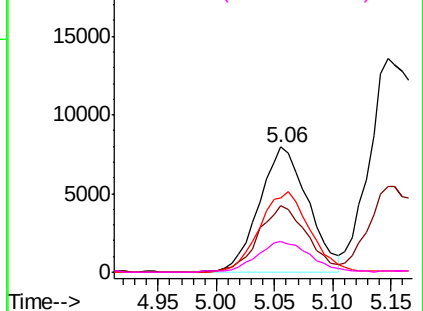
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

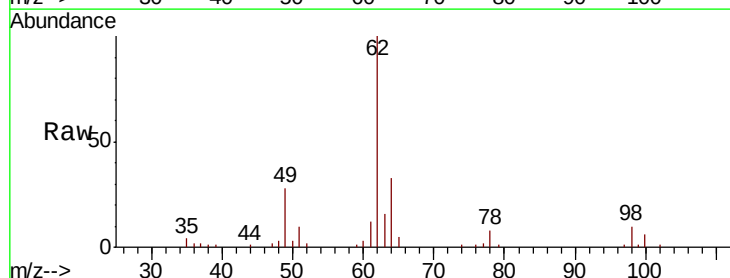
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.310 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

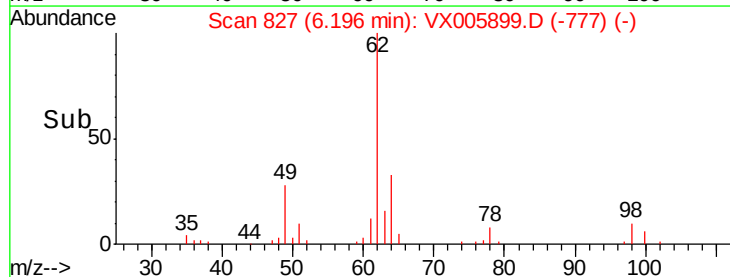
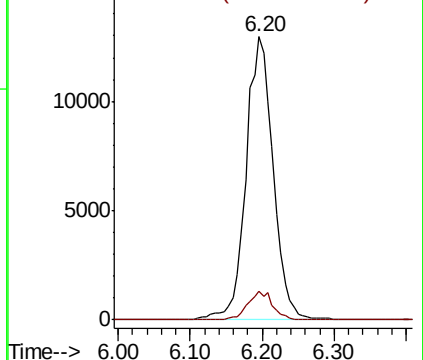
Tgt Ion:	62	Resp:	33870
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8

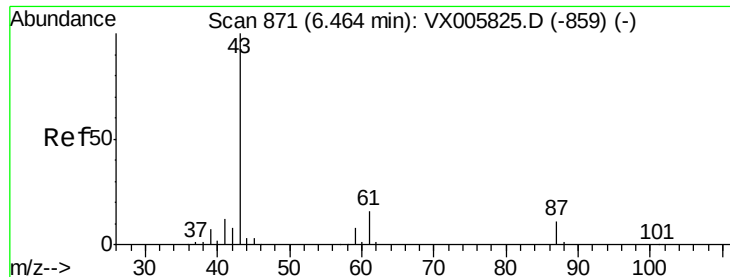


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.259 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX1112MBS01

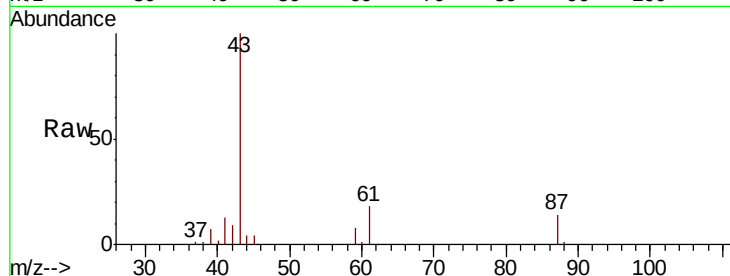
Tot Ion: 43 Resp: 61646

Ion Ratio Lower Upper

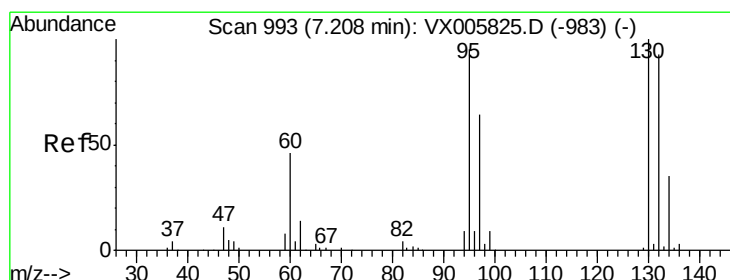
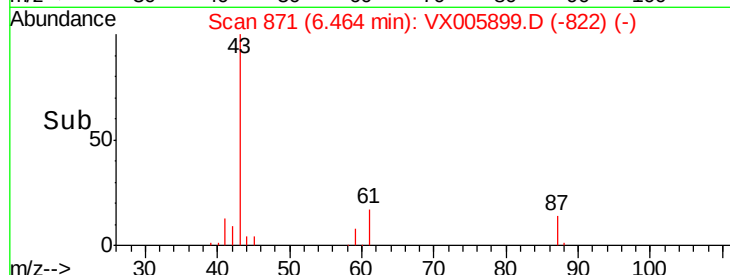
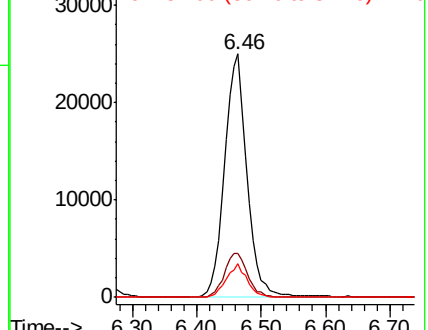
43 100

61 18.8 14.6 22.0

87 12.8 9.6 14.4



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: 20.359 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005899.D

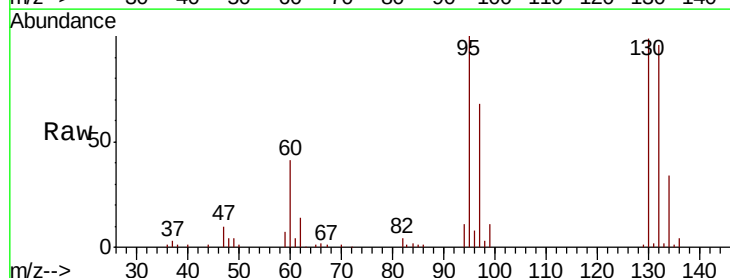
Acq: 12 Nov 2018 14:41

Tgt Ion:130 Resp: 25320

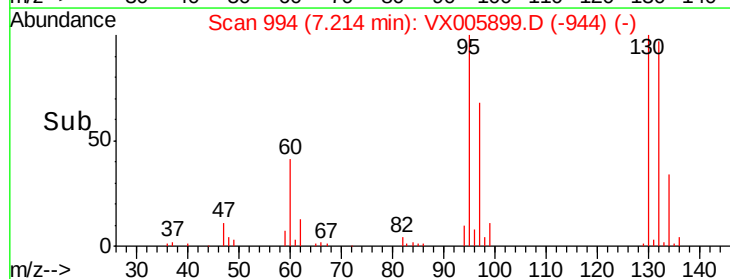
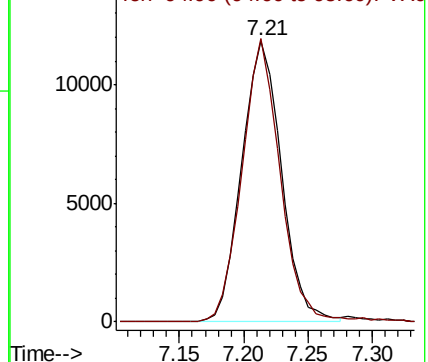
Ion Ratio Lower Upper

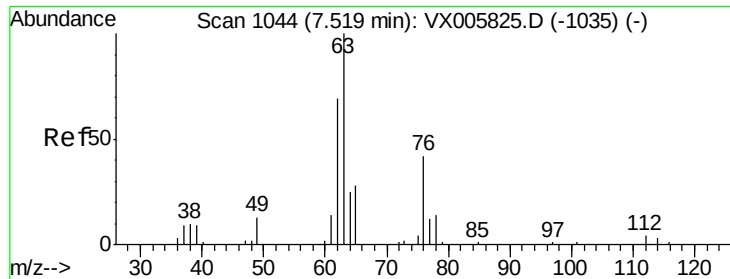
130 100

95 100.6 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

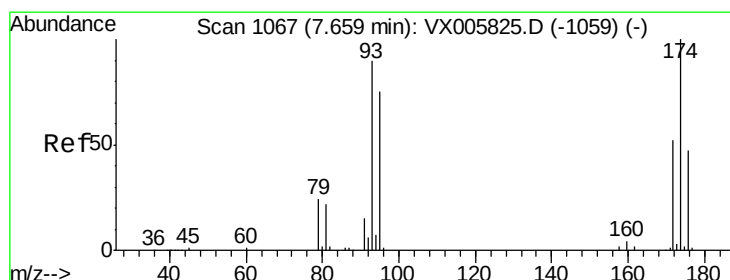
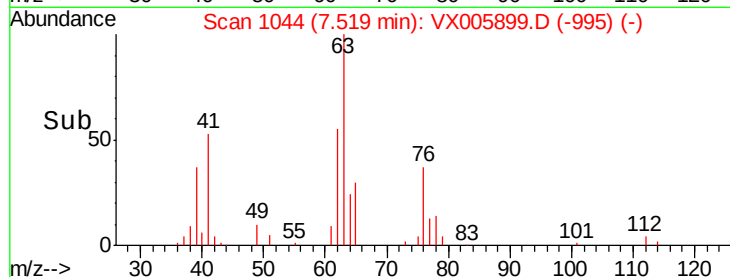
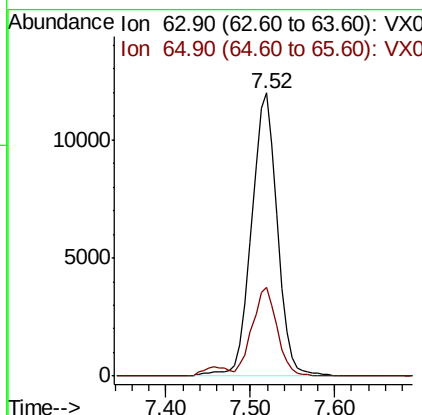
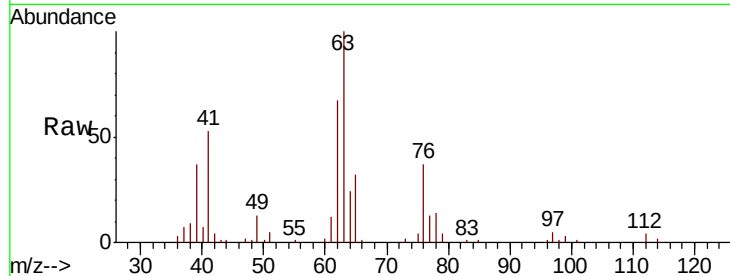




#45
 1,2-Dichloropropane
 Concen: 20.937 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

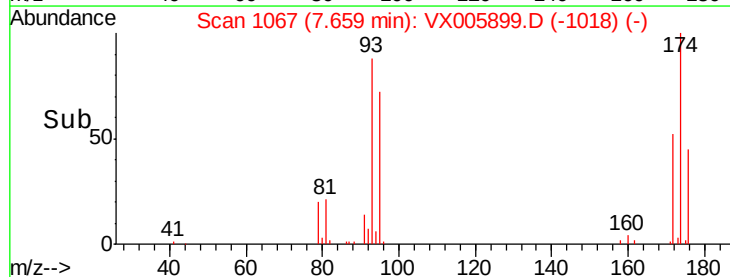
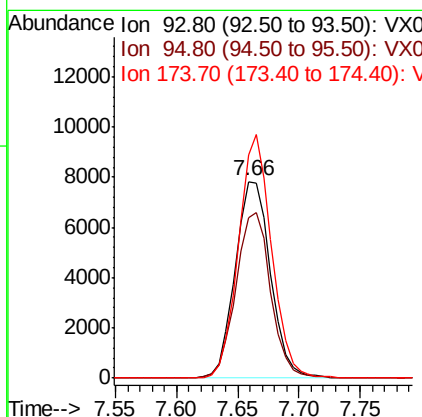
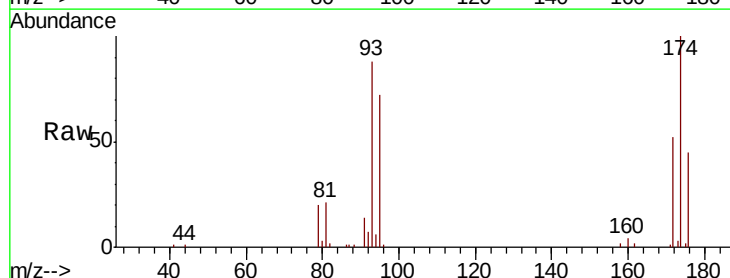
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

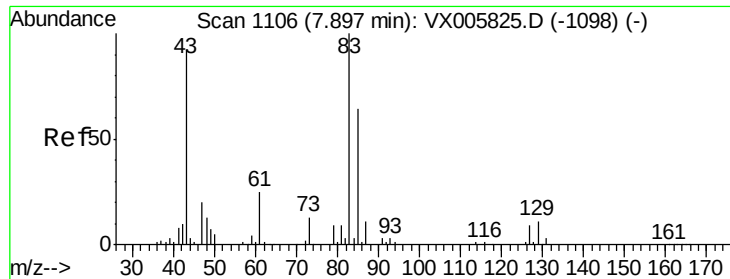
Tot Ion: 63 Resp: 24886
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 20.977 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 93 Resp: 15646
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.4 101.0
 174 116.1 91.5 137.3





#47

Bromodichloromethane

Concen: 21.246 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX1112MBS01

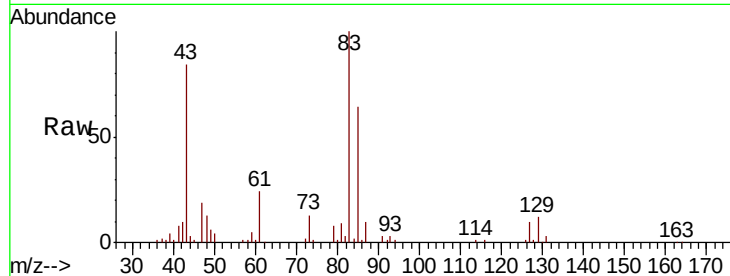
Tot Ion: 83 Resp: 29948

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

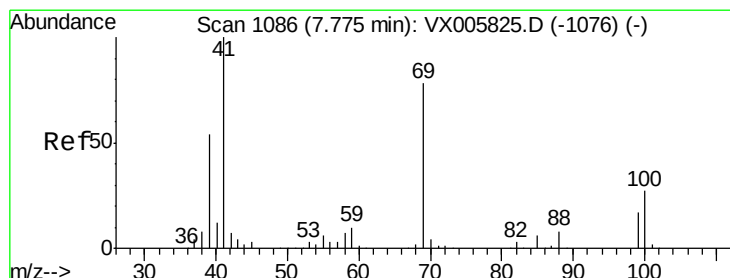
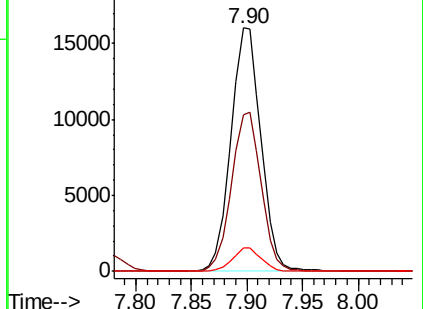
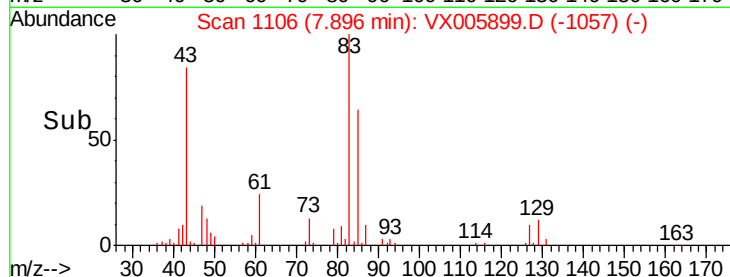
127 9.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.641 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

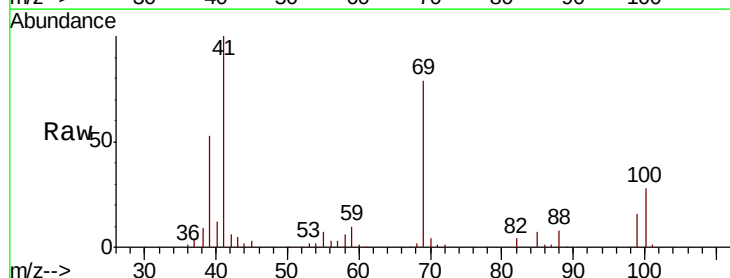
Tgt Ion: 41 Resp: 31105

Ion Ratio Lower Upper

41 100

69 78.5 63.2 94.8

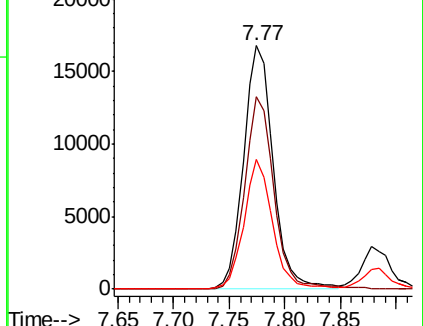
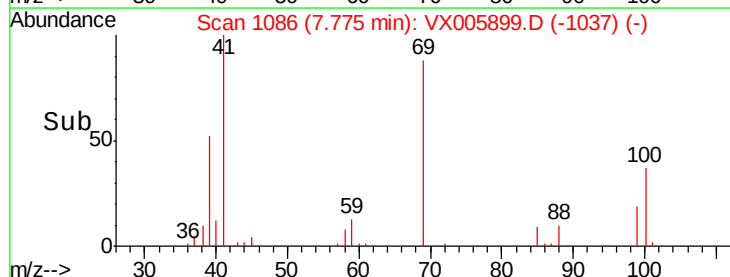
39 51.1 42.2 63.2

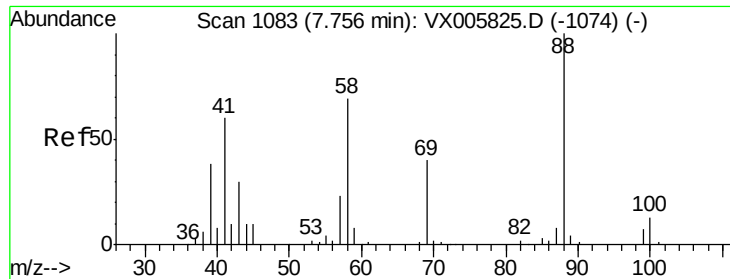


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

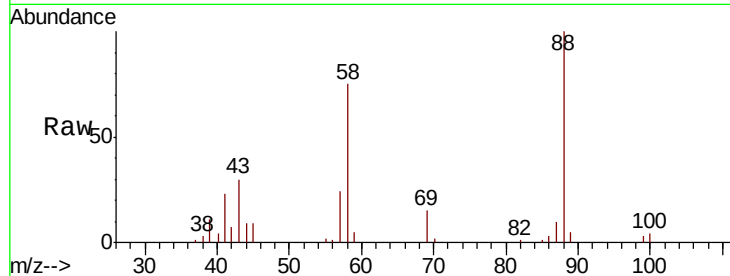




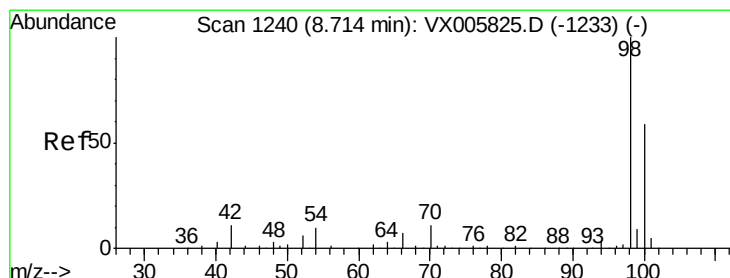
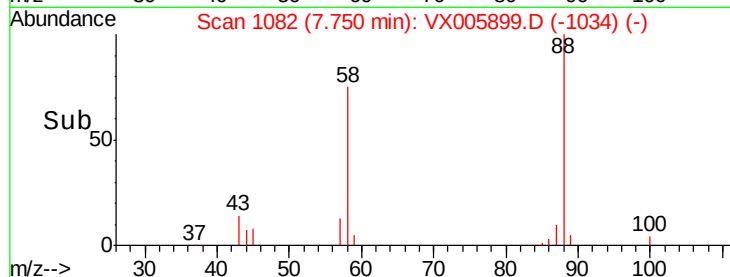
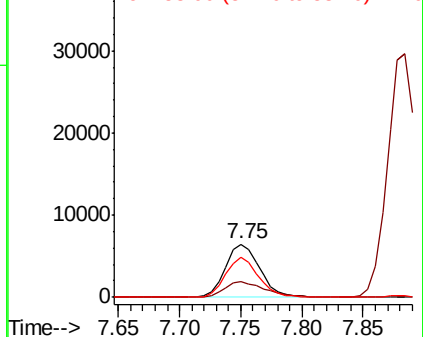
#49
1,4-Dioxane
Concen: 404.502 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

Tot Ion: 88 Resp: 12528
Ion Ratio Lower Upper
88 100
43 36.4 27.4 41.0
58 73.8 59.4 89.2

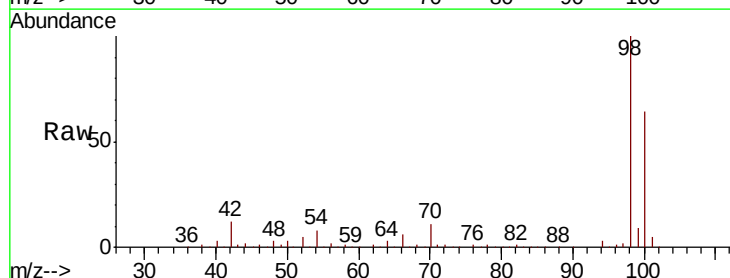


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

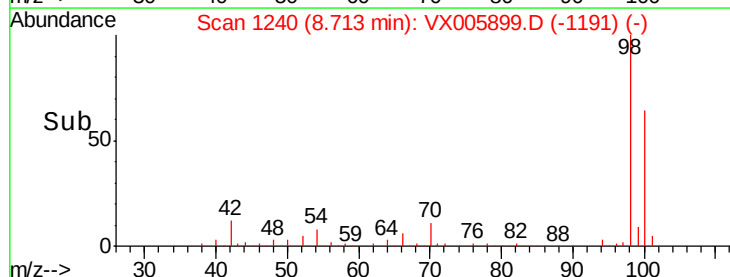
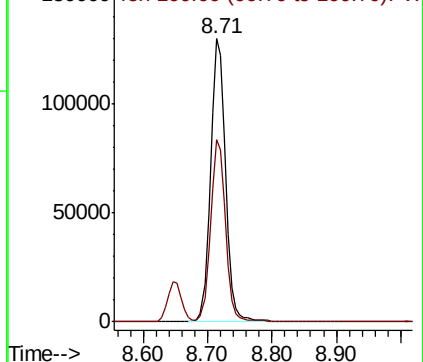


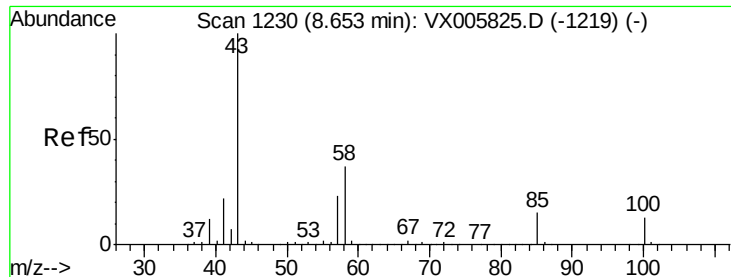
#50
Toluene-d8
Concen: 53.949 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion: 98 Resp: 212573
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 104.675 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

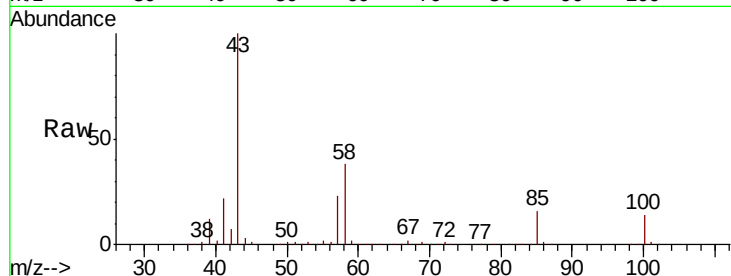
VX1112MBS01

Tot Ion: 43 Resp: 211167

Ion Ratio Lower Upper

43 100

58 37.5 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

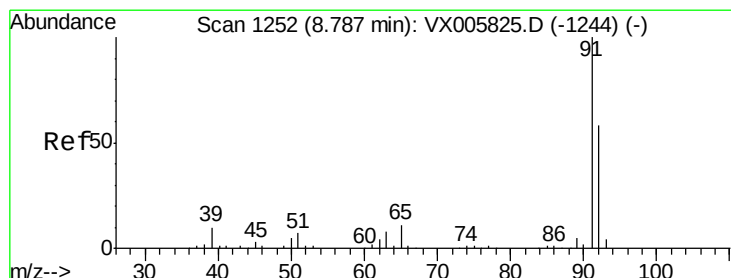
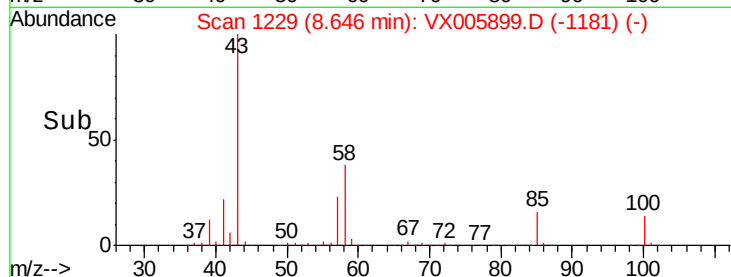
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.907 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005899.D

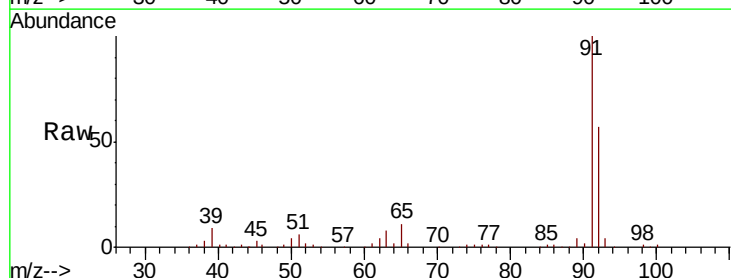
Acq: 12 Nov 2018 14:41

Tgt Ion: 92 Resp: 57221

Ion Ratio Lower Upper

92 100

91 176.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

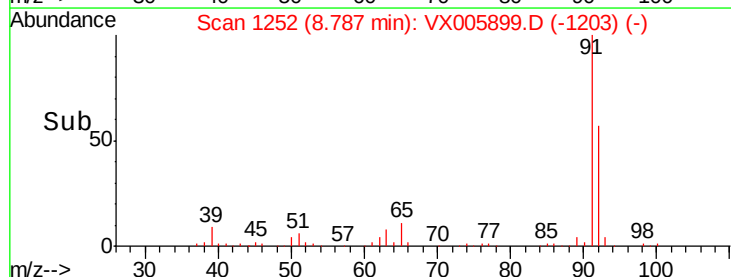
60000

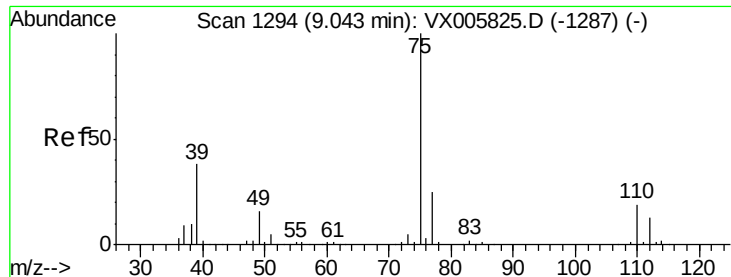
40000

20000

0

Time-->

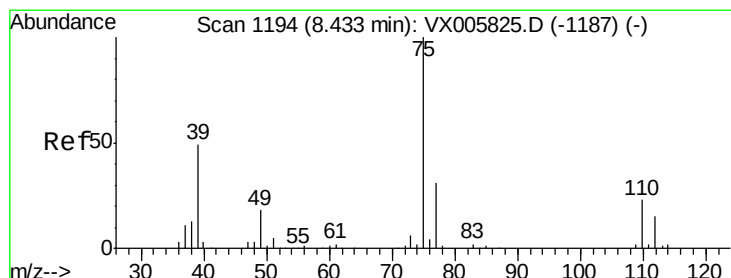
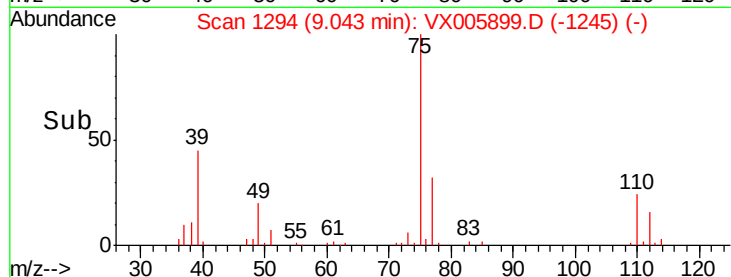
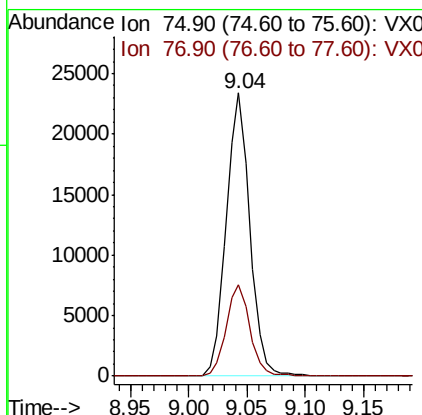
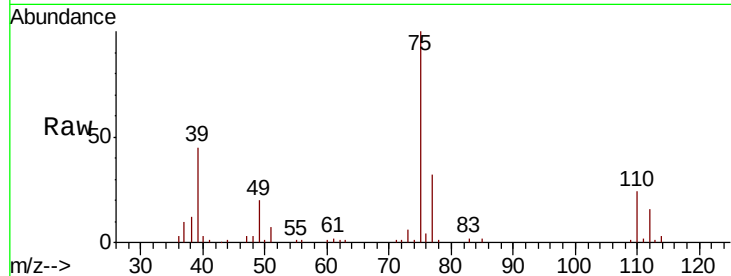




#53
 t-1,3-Dichloropropene
 Concen: 19.821 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

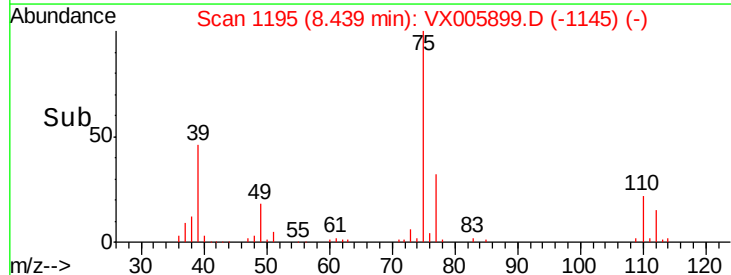
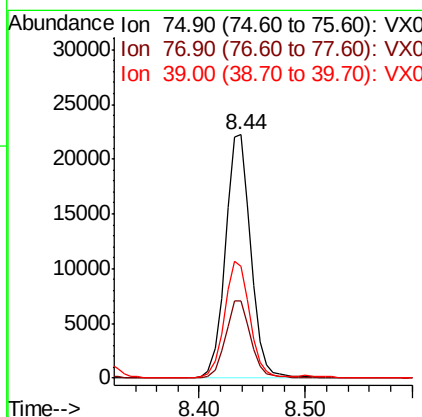
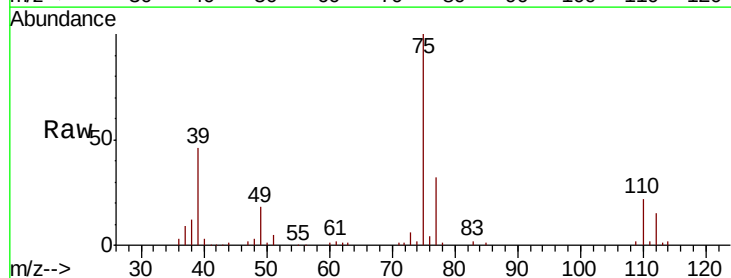
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

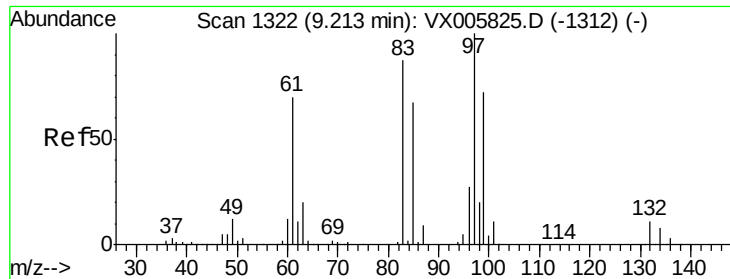
Tot Ion: 75 Resp: 32971
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.781 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 75 Resp: 36929
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 45.8 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 19.329 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

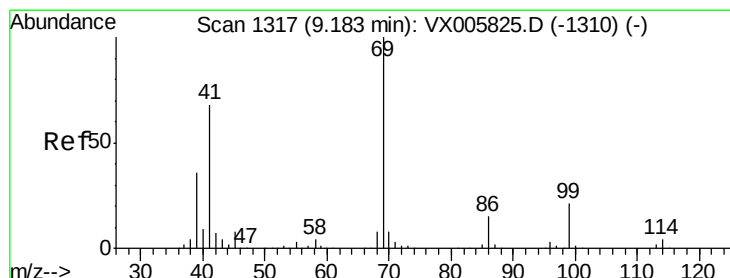
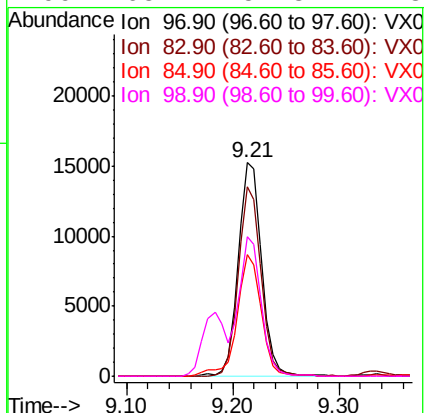
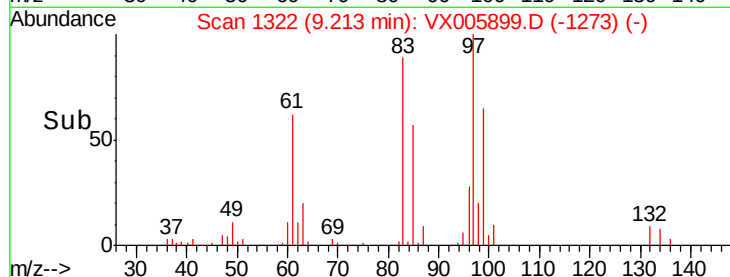
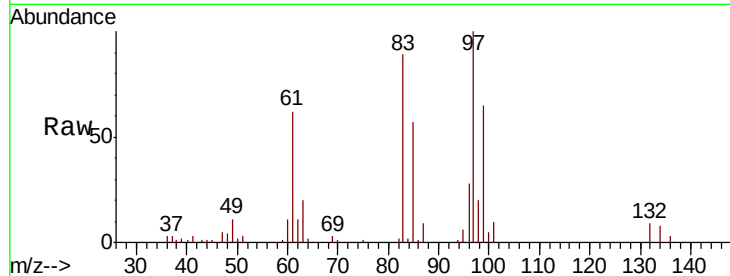
MSVOA_X

ClientSampleId :

VX1112MBS01

Tot Ion: 97 Resp: 23578

Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.7	106.1
85	56.8	45.8	68.6
99	65.2	51.8	77.8



#56

Ethyl methacrylate

Concen: 19.683 ug/l

RT: 9.18 min Scan# 1317

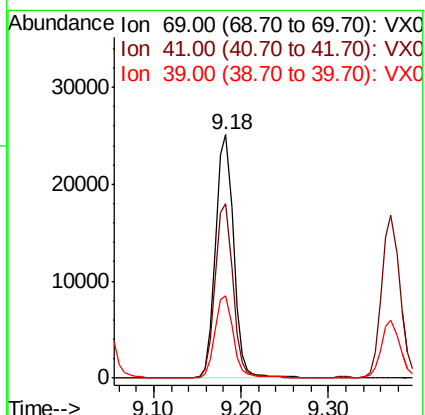
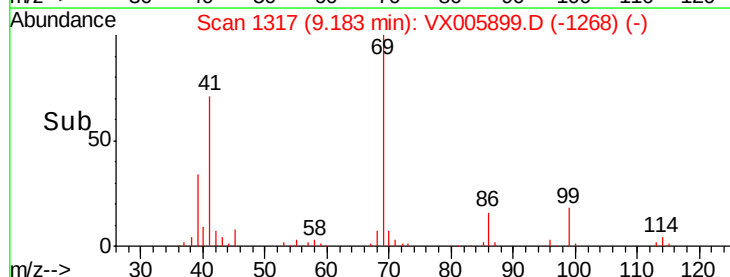
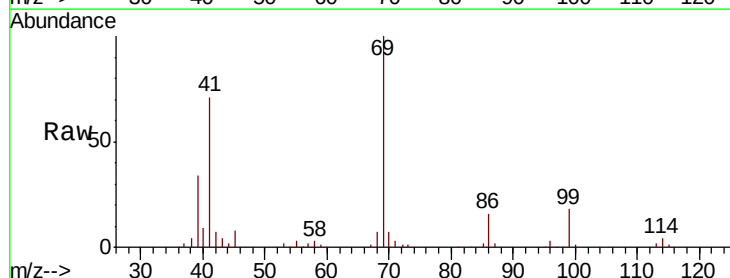
Delta R.T. -0.00 min

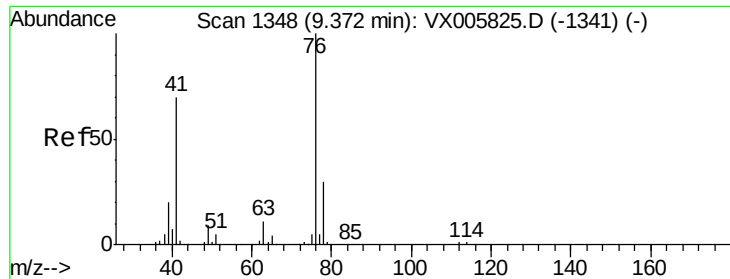
Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Tgt Ion: 69 Resp: 35923

Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.0	85.6
39	35.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.442 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

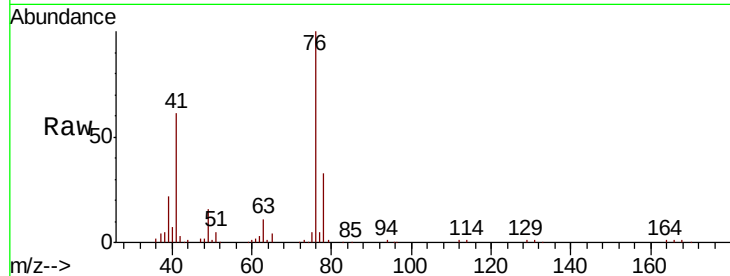
VX1112MBS01

Tot Ion: 76 Resp: 39854

Ion Ratio Lower Upper

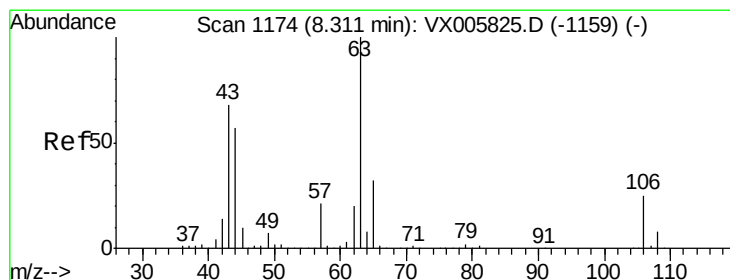
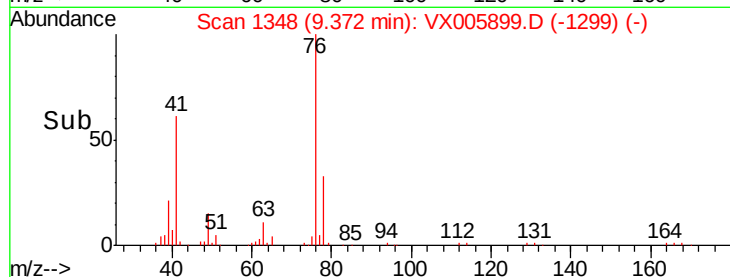
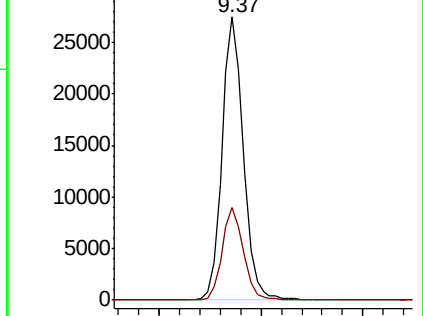
76 100

78 32.6 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.745 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005899.D

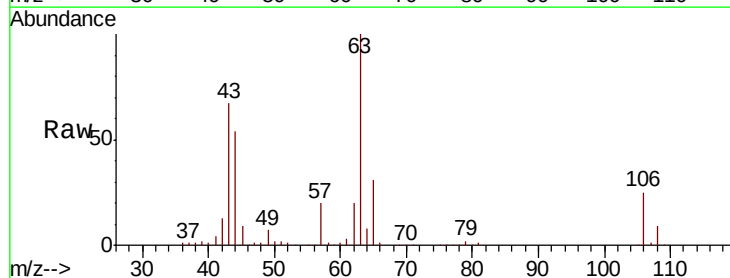
Acq: 12 Nov 2018 14:41

Tgt Ion: 63 Resp: 102309

Ion Ratio Lower Upper

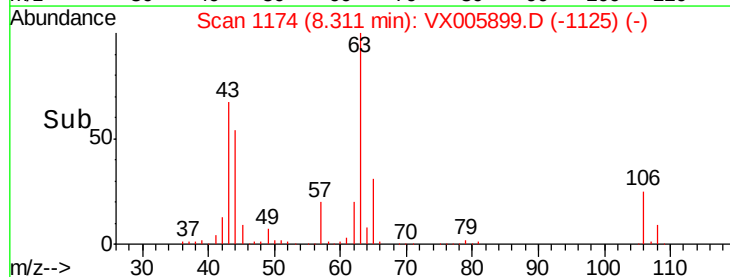
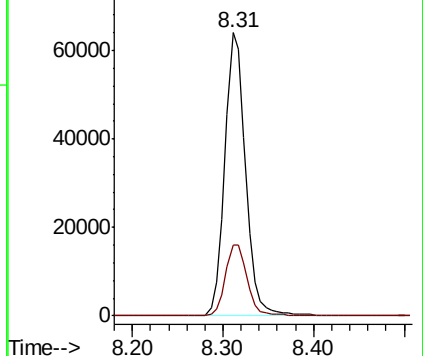
63 100

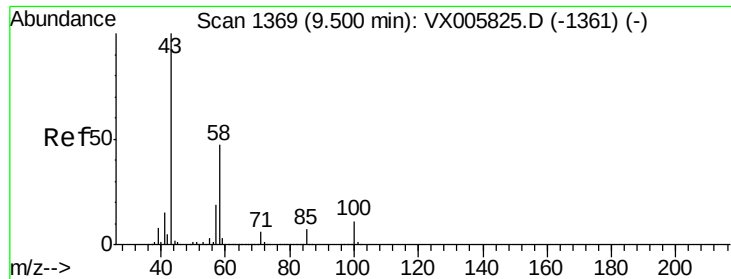
106 26.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

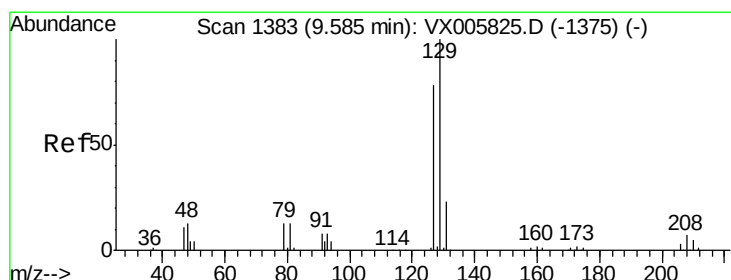
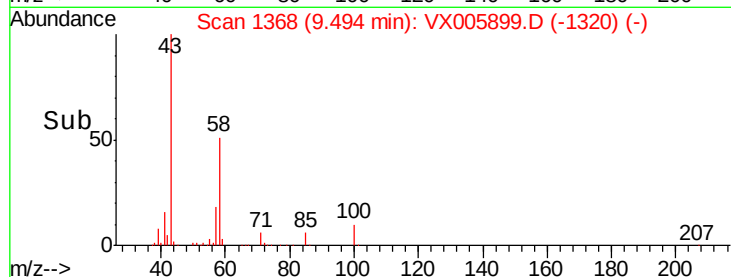
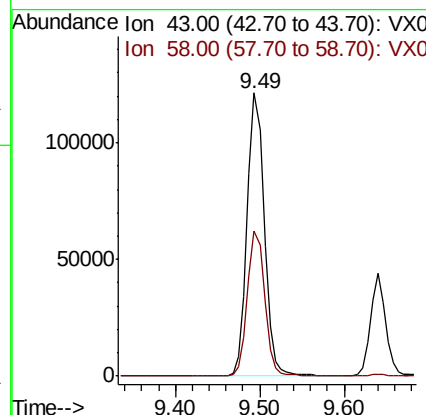
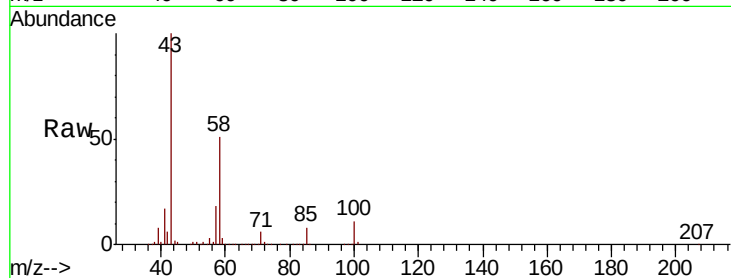




#59
2-Hexanone
Concen: 93.033 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

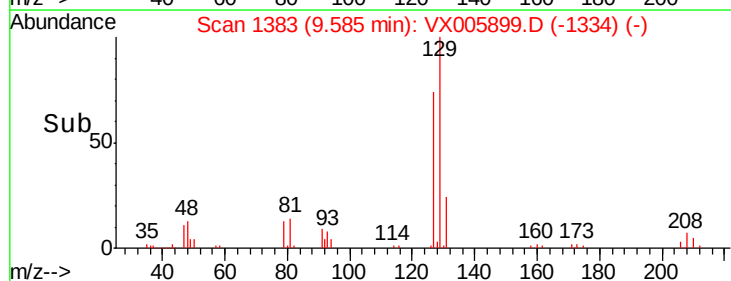
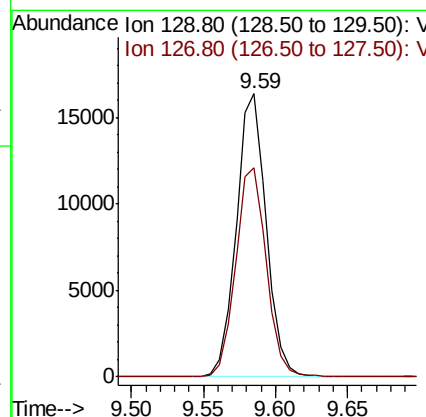
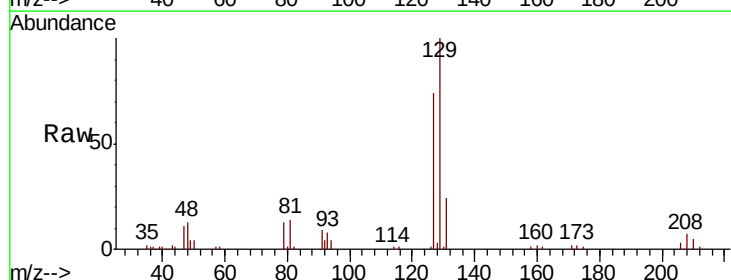
Instrument :
MSVOA_X
ClientSampled :
VX1112MBS01

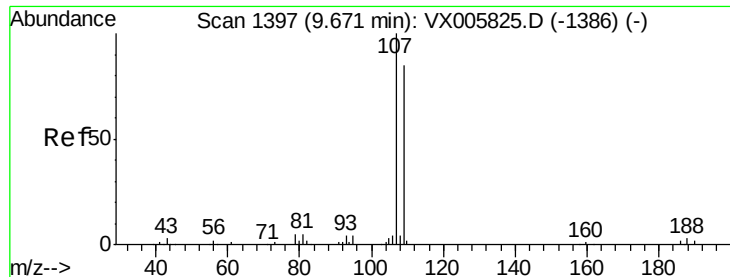
Tot Ion: 43 Resp: 165432
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8



#60
Dibromochloromethane
Concen: 18.007 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion: 129 Resp: 23738
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.099 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

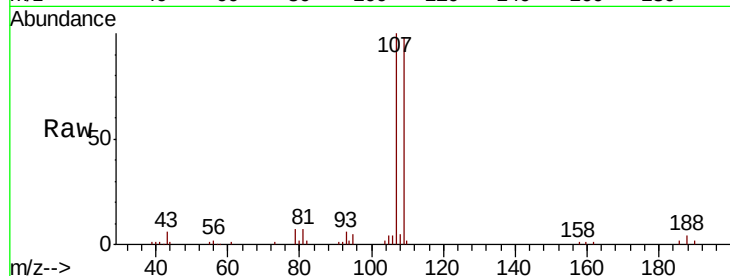
VX1112MBS01

Tot Ion:107 Resp: 24412

Ion Ratio Lower Upper

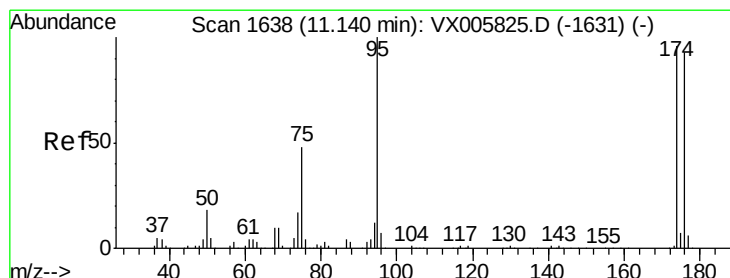
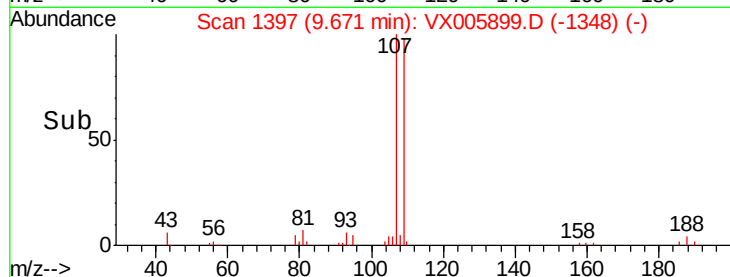
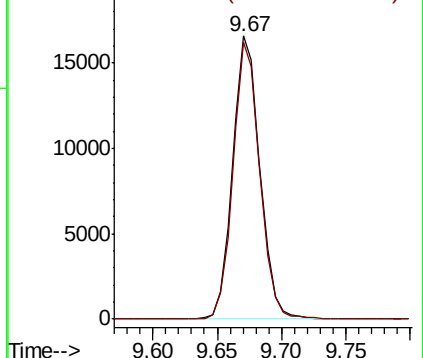
107 100

109 96.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.151 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

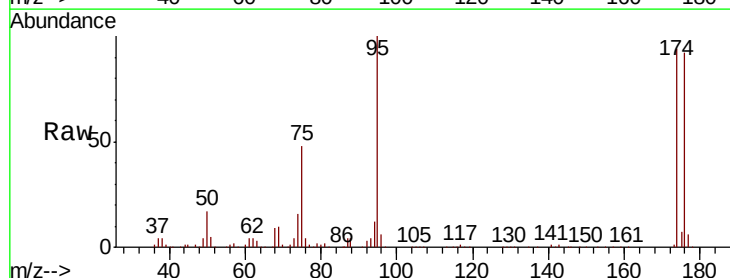
Tgt Ion: 95 Resp: 78131

Ion Ratio Lower Upper

95 100

174 91.5 0.0 184.4

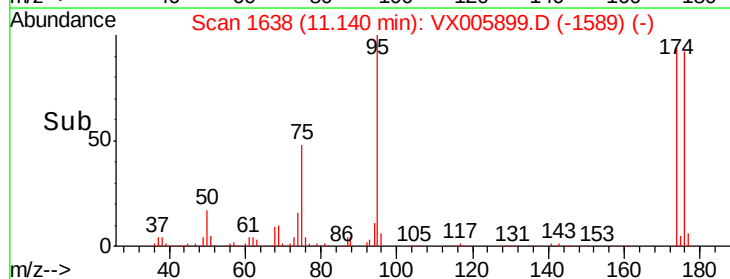
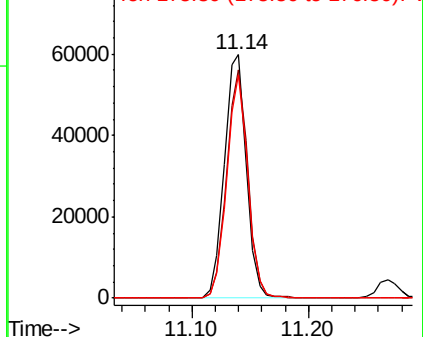
176 88.1 0.0 177.4

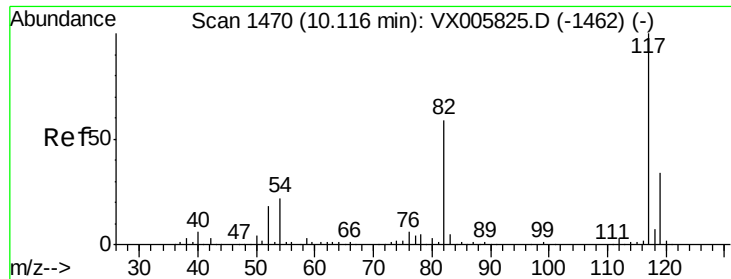


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

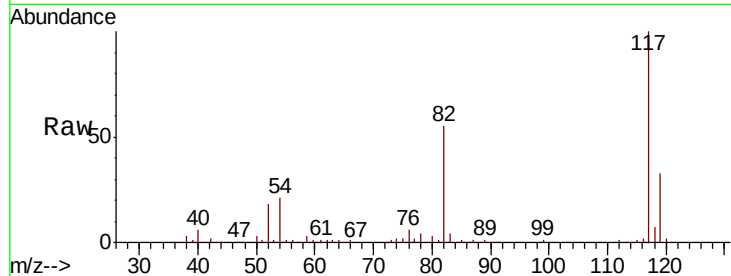




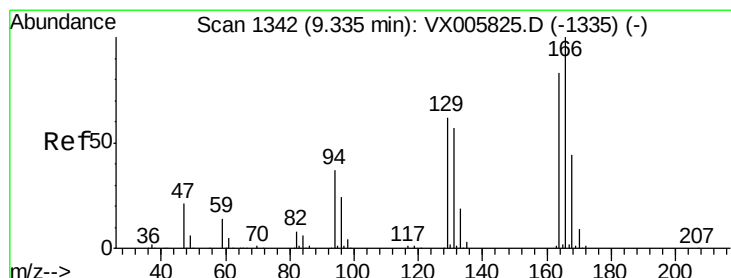
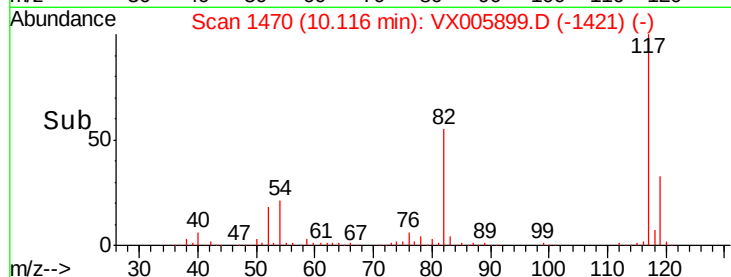
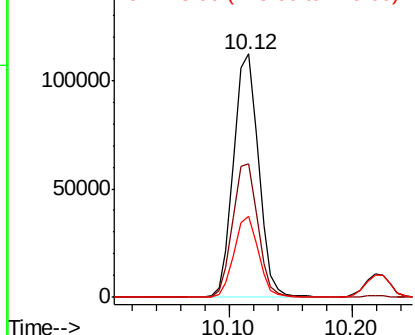
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

Tot Ion:117 Resp: 158731
Ion Ratio Lower Upper
117 100
82 55.0 44.1 66.1
119 33.1 26.2 39.2

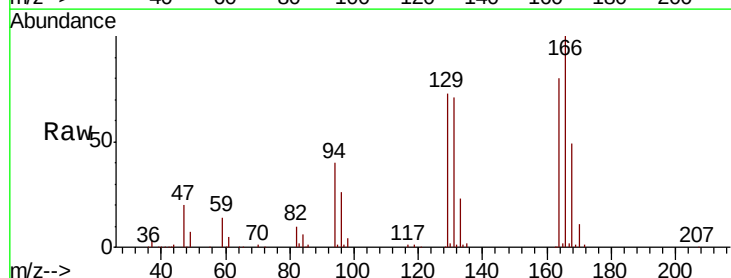


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

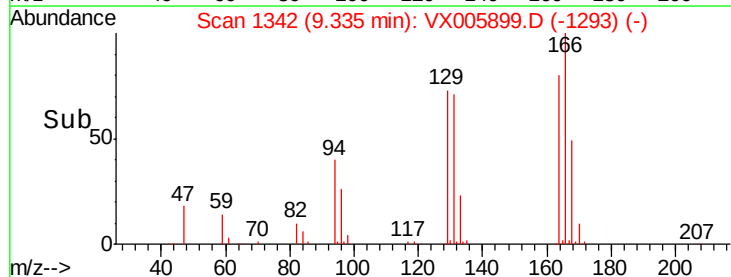
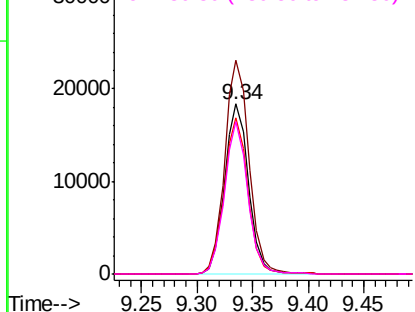


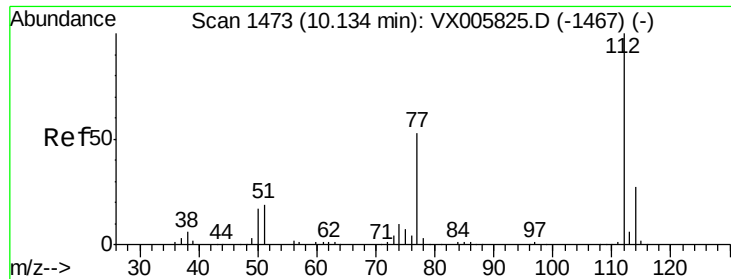
#64
Tetrachloroethene
Concen: 20.290 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion:164 Resp: 27421
Ion Ratio Lower Upper
164 100
166 125.5 101.9 152.9
129 92.1 72.6 109.0
131 89.5 71.1 106.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.096 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampled :

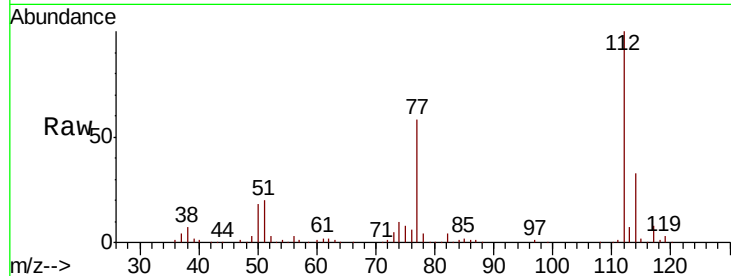
VX1112MBS01

Tot Ion:112 Resp: 63903

Ion Ratio Lower Upper

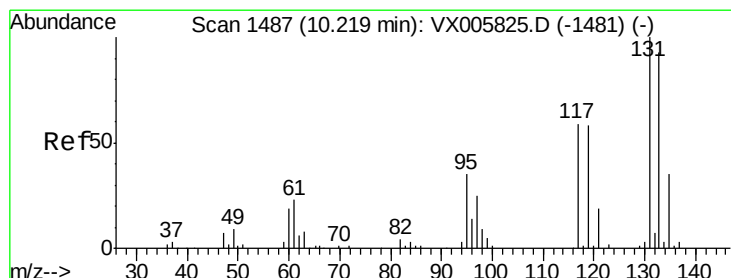
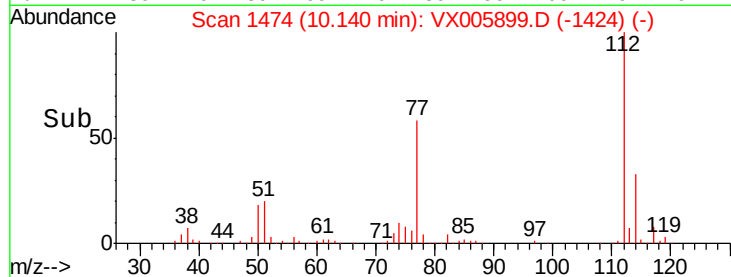
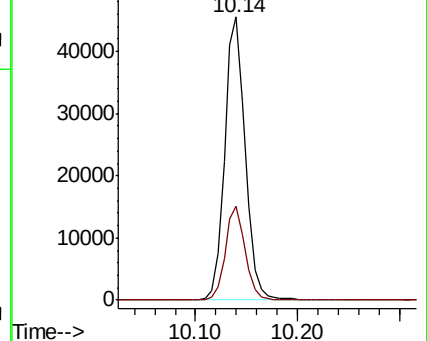
112 100

114 33.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.849 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

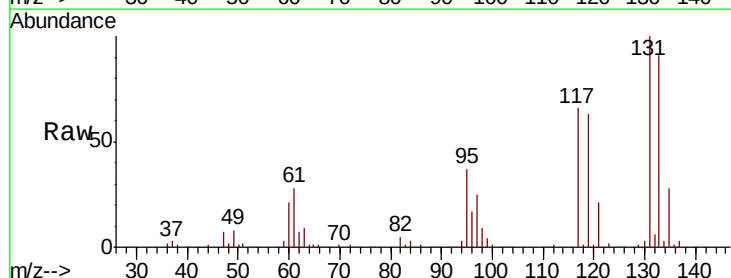
Tgt Ion:131 Resp: 23049

Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

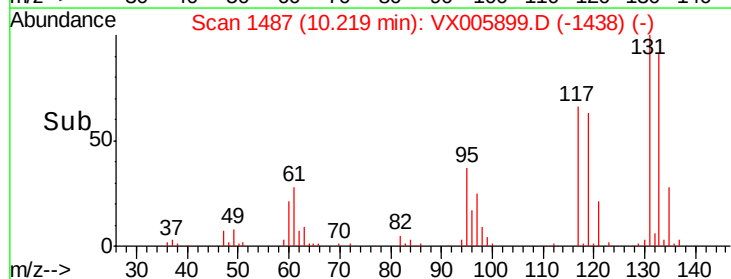
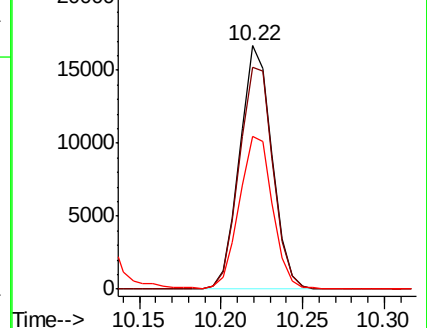
119 64.7 31.8 95.3

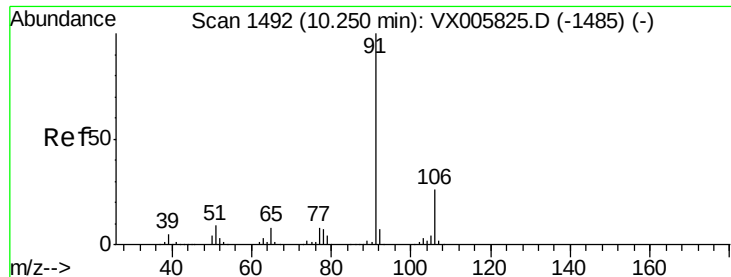


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.353 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampled :

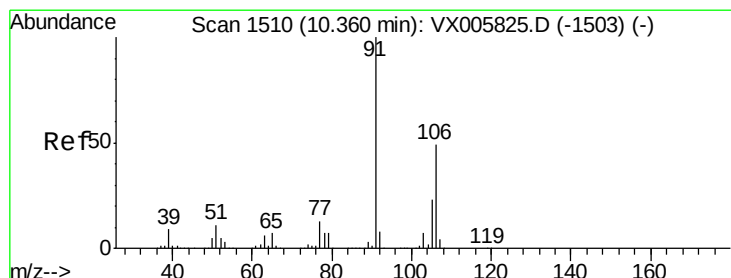
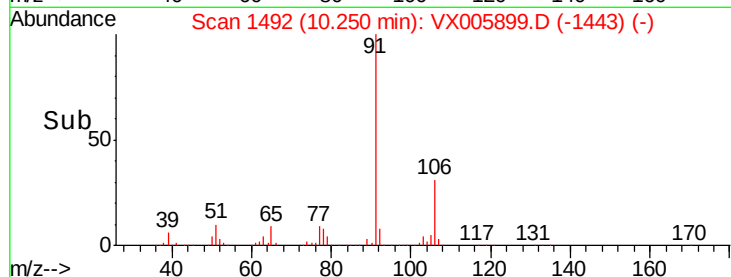
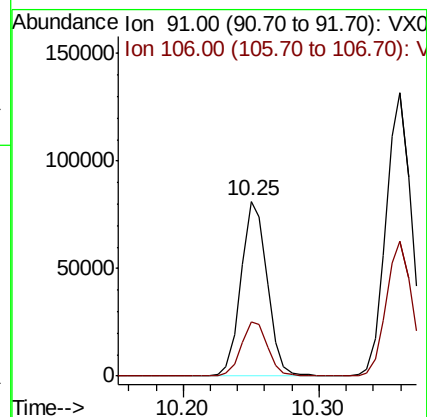
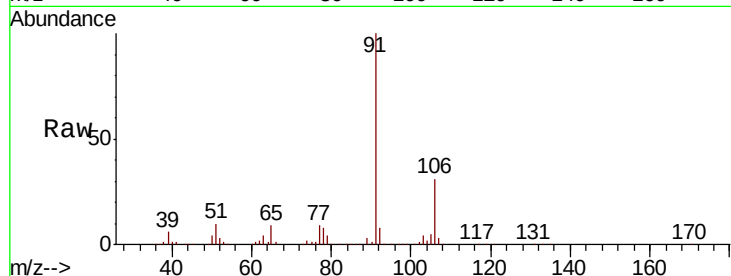
VX1112MBS01

Tot Ion: 91 Resp: 108880

Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6



#68

m/p-Xylenes

Concen: 43.074 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005899.D

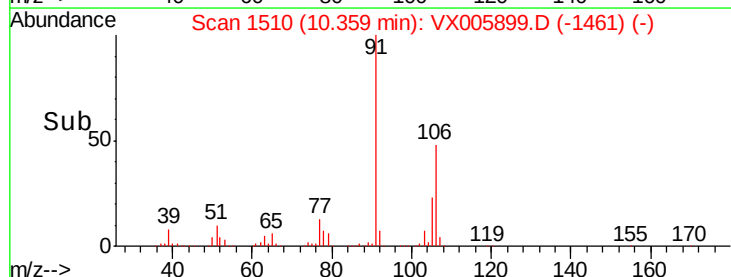
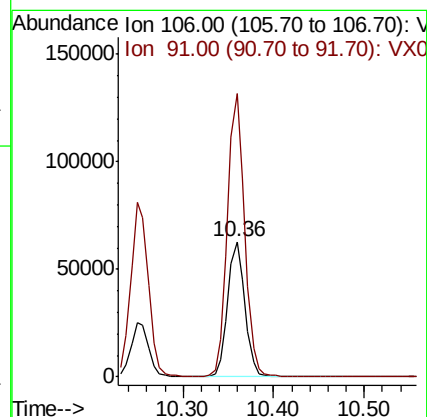
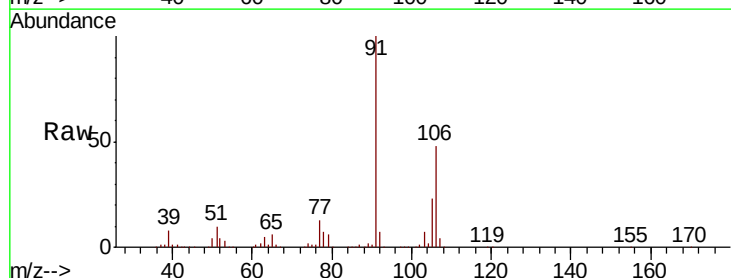
Acq: 12 Nov 2018 14:41

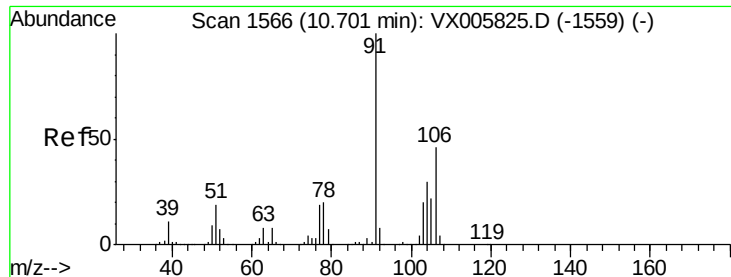
Tgt Ion: 106 Resp: 83778

Ion Ratio Lower Upper

106 100

91 209.0 164.2 246.4

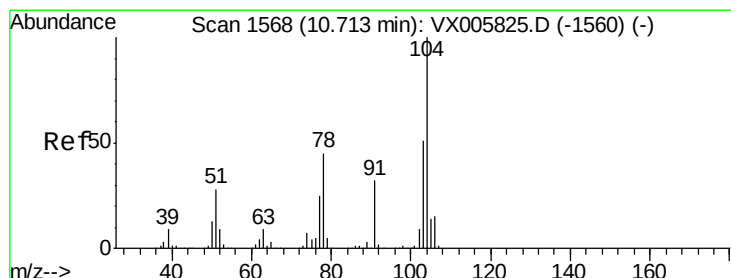
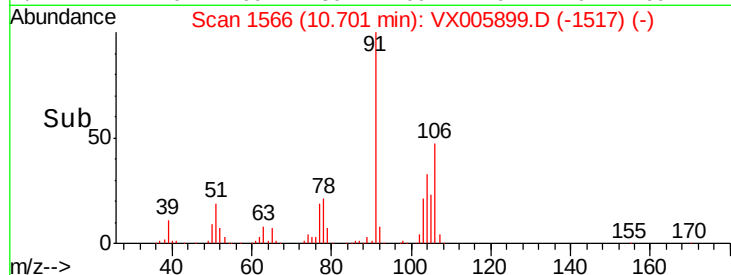
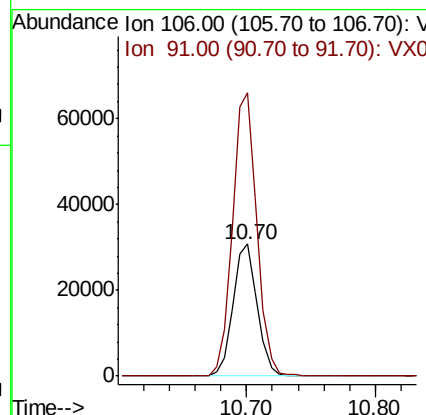
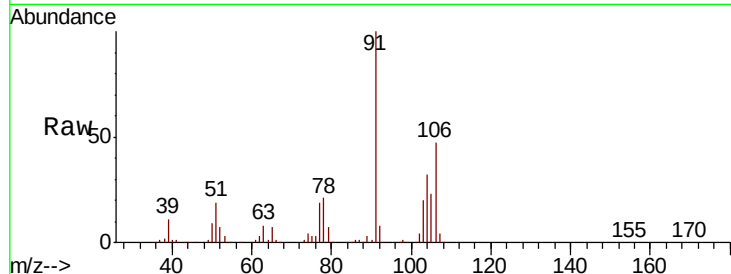




#69
o-Xylene
Concen: 23.219 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

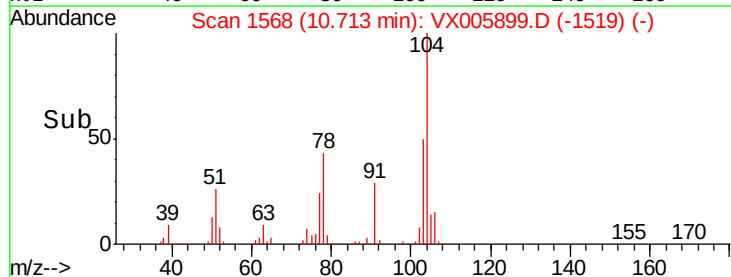
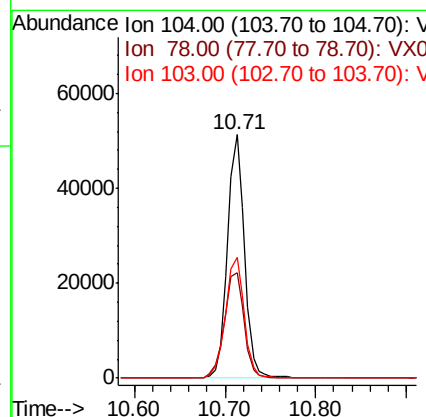
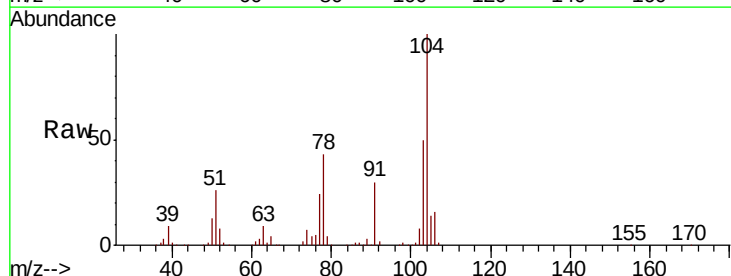
Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

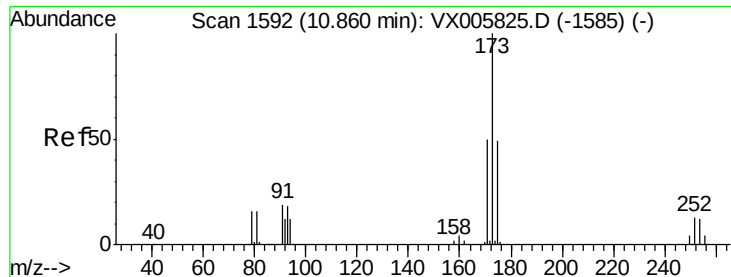
Tot Ion:106 Resp: 40496
Ion Ratio Lower Upper
106 100
91 215.9 108.5 325.5



#70
Styrene
Concen: 23.331 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion:104 Resp: 67123
Ion Ratio Lower Upper
104 100
78 50.5 40.2 60.4
103 55.0 44.9 67.3





#71

Bromoform

Concen: 20.428 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX1112MBS01

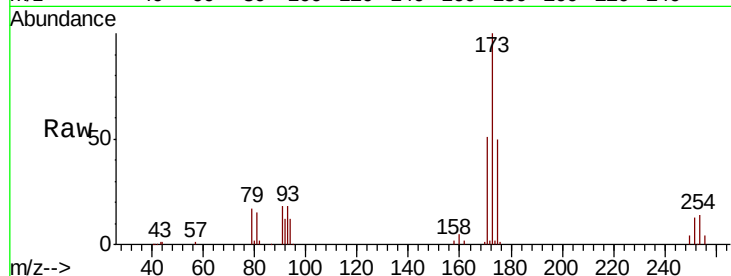
Tot Ion:173 Resp: 18931

Ion Ratio Lower Upper

173 100

175 48.7 24.8 74.3

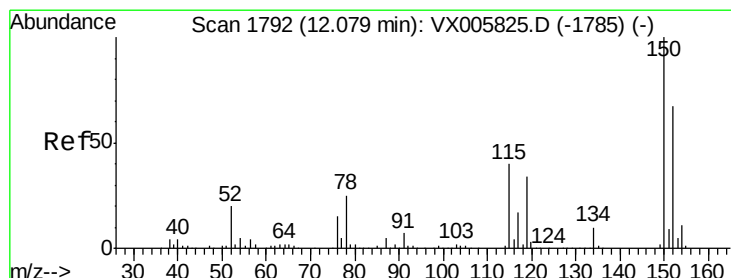
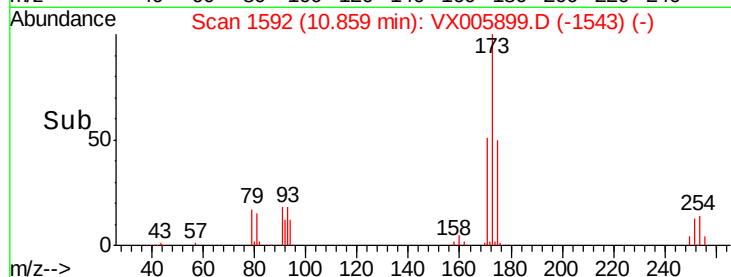
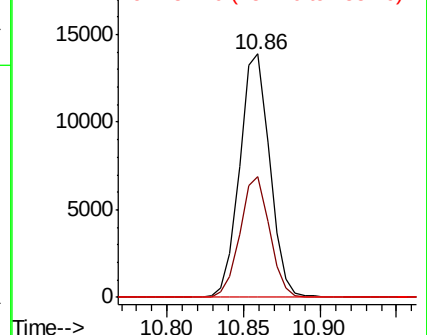
254 0.0 0.2 0.2#



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

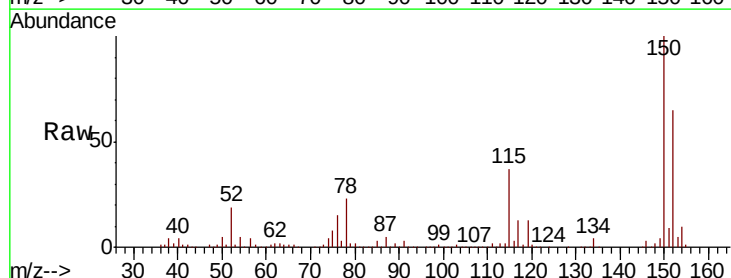
Tgt Ion:152 Resp: 87725

Ion Ratio Lower Upper

152 100

115 64.2 39.4 118.1

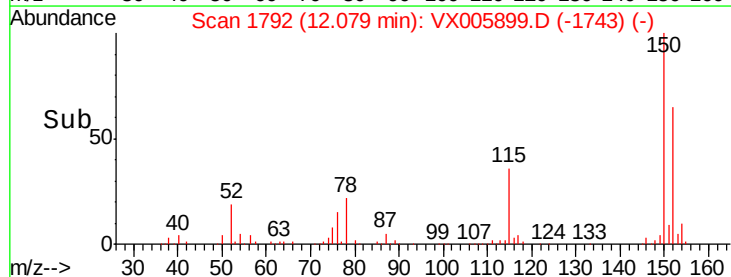
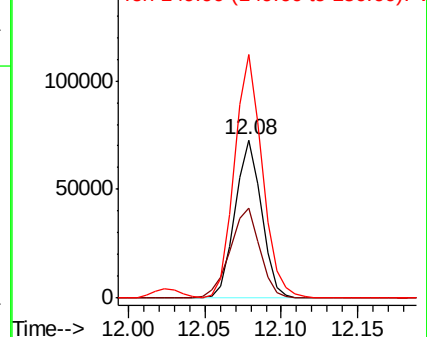
150 161.4 0.0 346.4

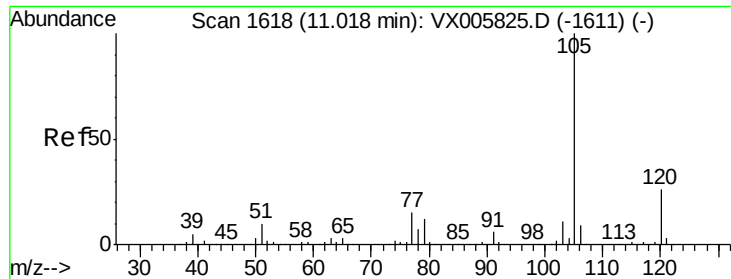


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

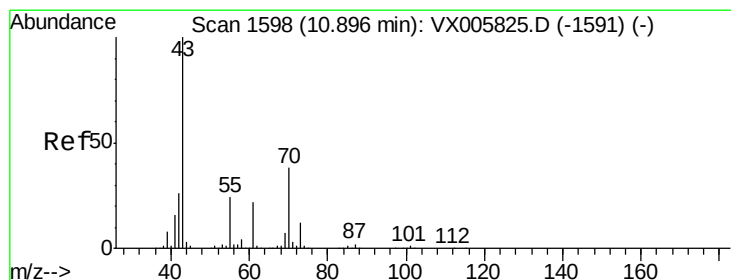
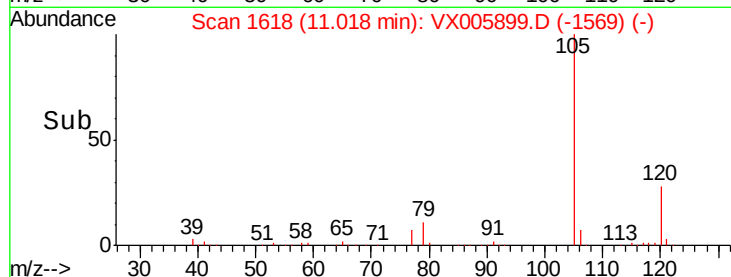
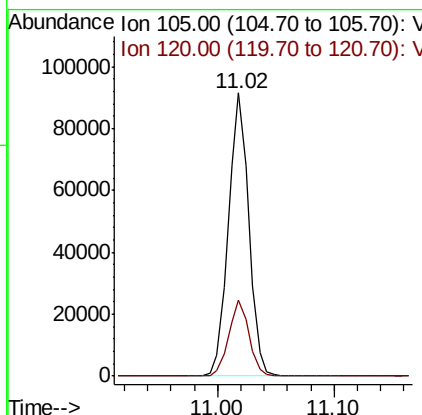
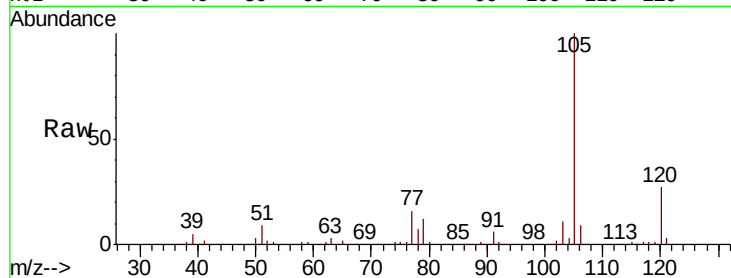




#73
Isopropylbenzene
Concen: 21.885 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

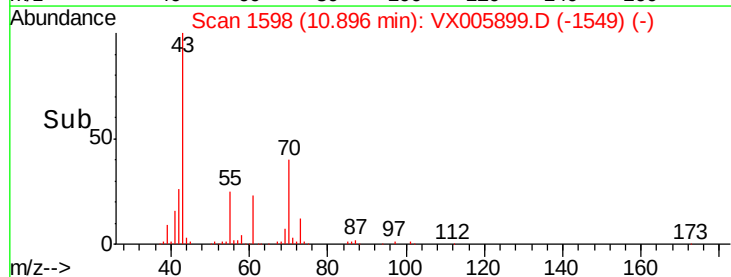
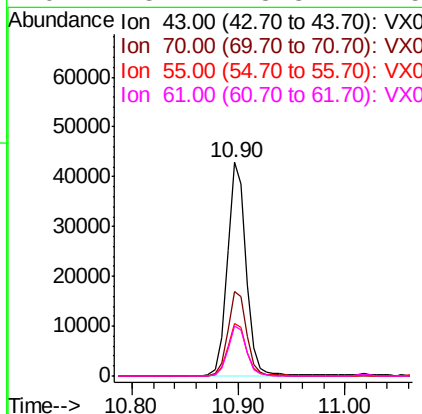
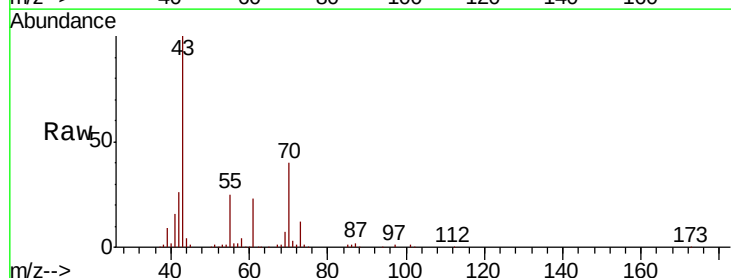
Instrument :
MSVOA_X
ClientSampleId :
VX1112MBS01

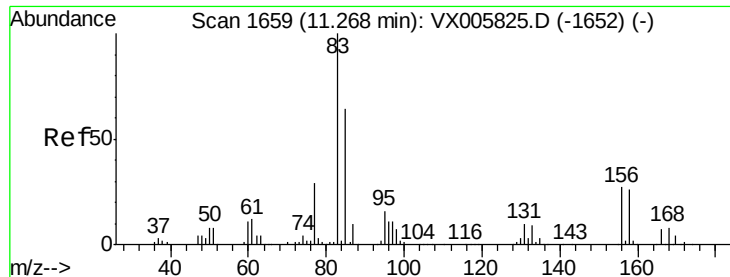
Tot Ion:105 Resp: 111023
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 19.234 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion: 43 Resp: 52502
Ion Ratio Lower Upper
43 100
70 39.8 31.6 47.4
55 25.4 19.7 29.5
61 23.1 18.3 27.5

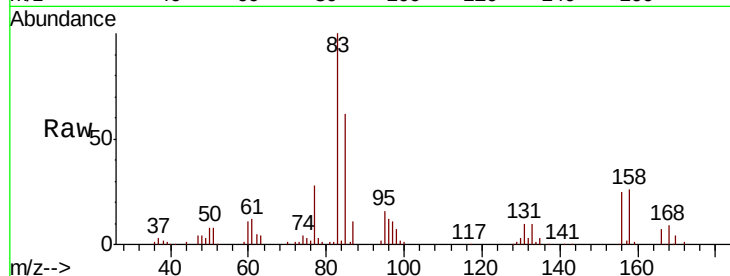




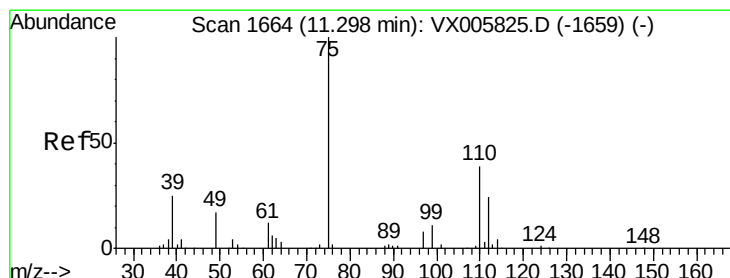
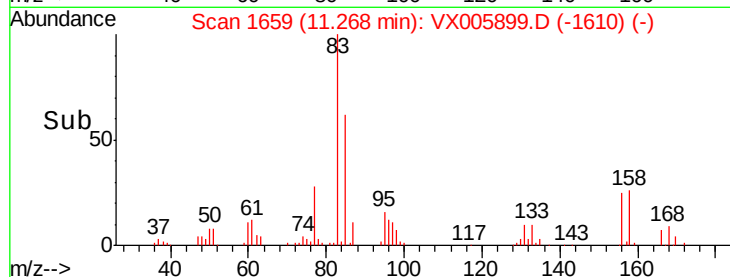
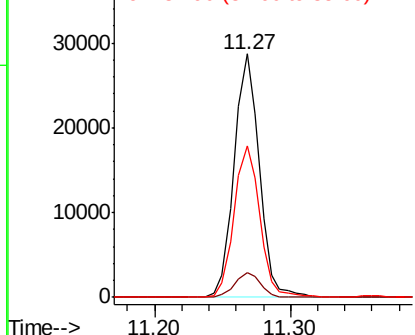
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.871 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

Tot Ion: 83 Resp: 37001
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.3 15.9
 85 63.9 32.0 96.2

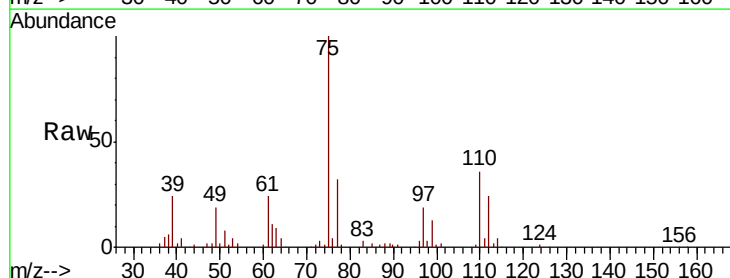


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VX0

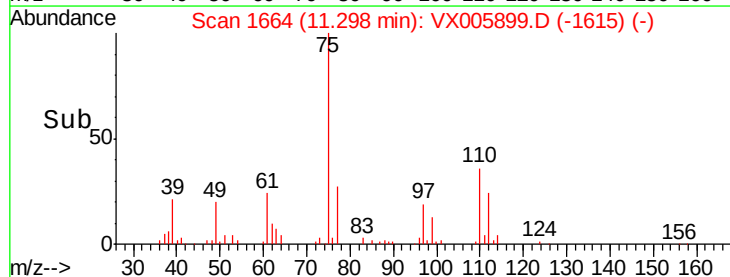
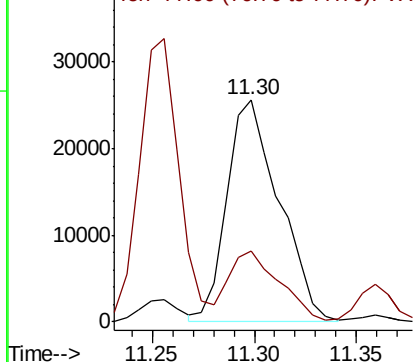


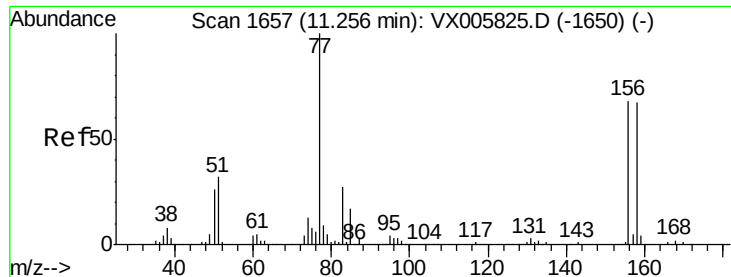
#76
 1,2,3-Trichloropropane
 Concen: 25.319 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 75 Resp: 45226
 Ion Ratio Lower Upper
 75 100
 77 31.1 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.792 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX1112MBS01

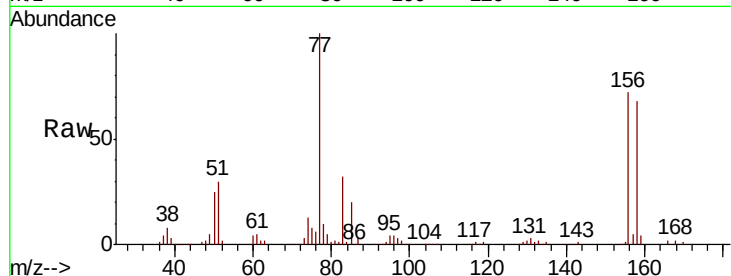
Tot Ion:156 Resp: 29730

Ion Ratio Lower Upper

156 100

77 147.7 74.8 224.4

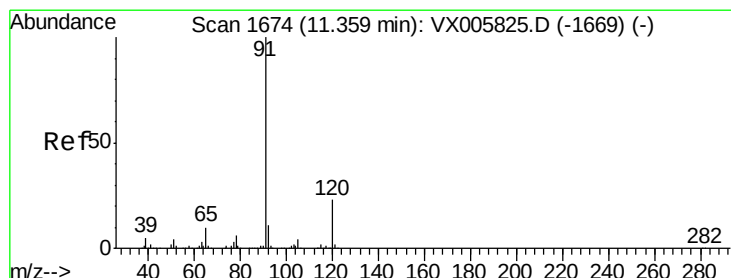
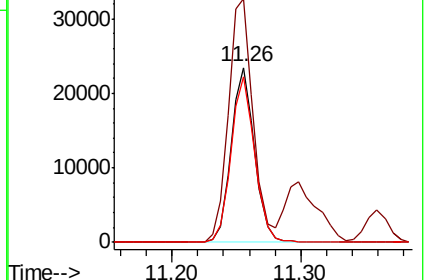
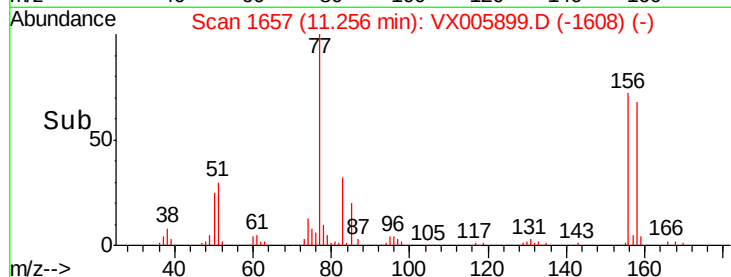
158 96.5 49.1 147.3



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: 21.509 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005899.D

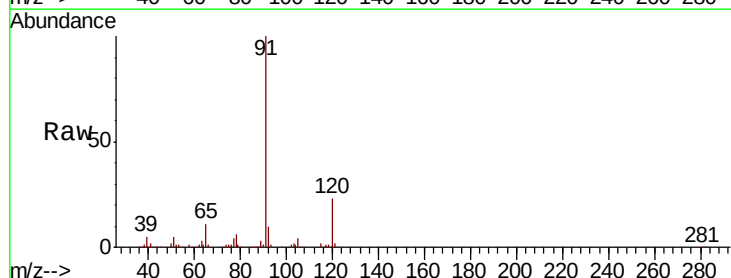
Acq: 12 Nov 2018 14:41

Tgt Ion: 91 Resp: 128597

Ion Ratio Lower Upper

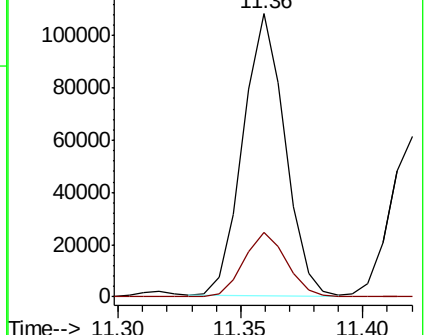
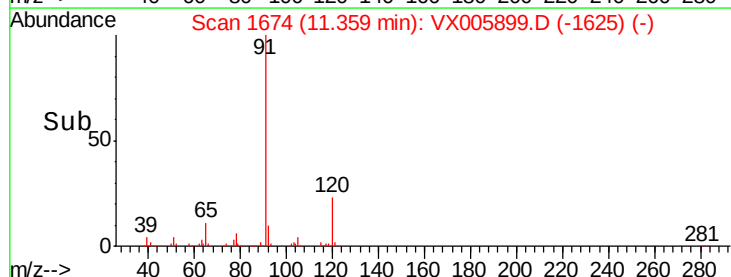
91 100

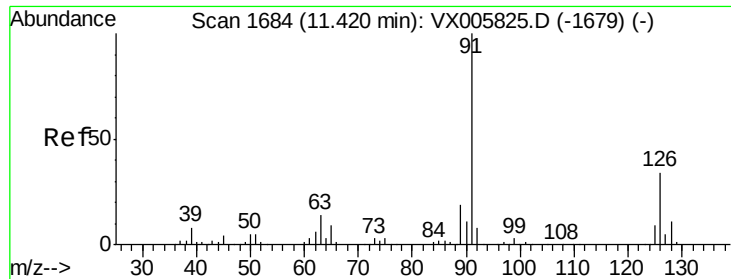
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

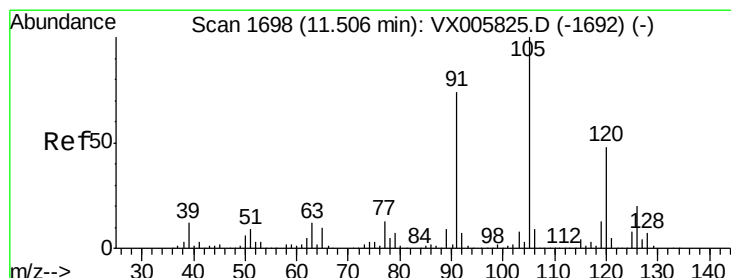
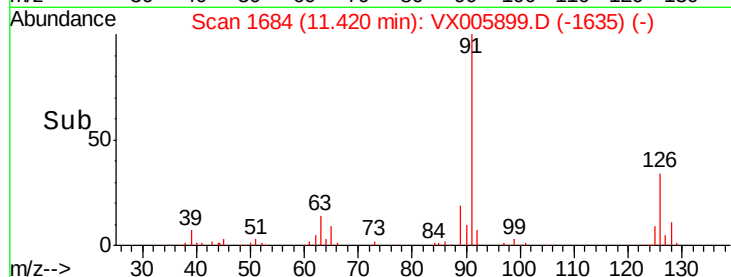
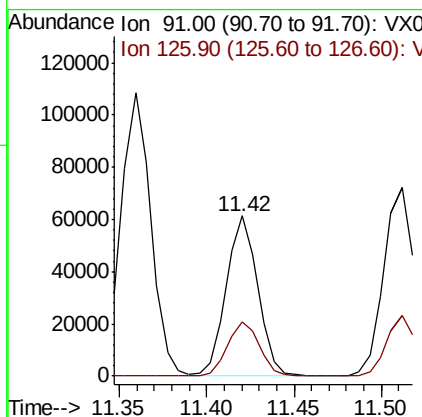
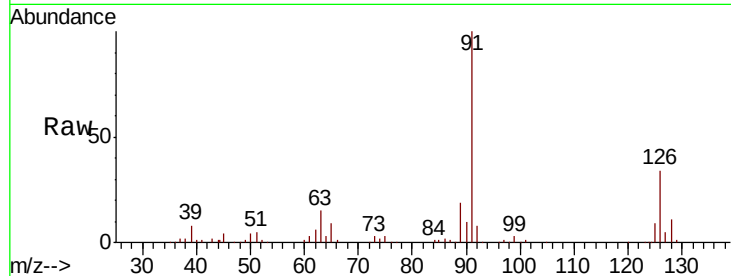




#79
 2-Chlorotoluene
 Concen: 21.077 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

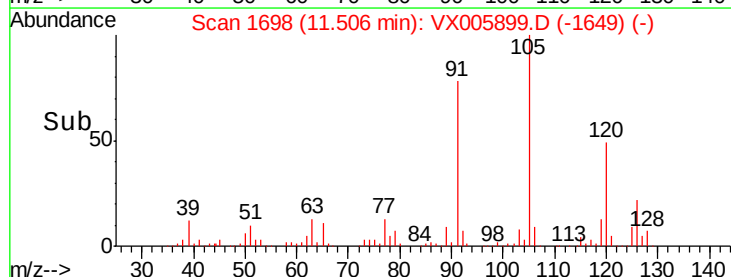
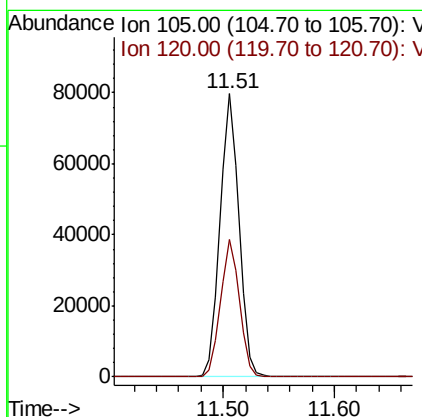
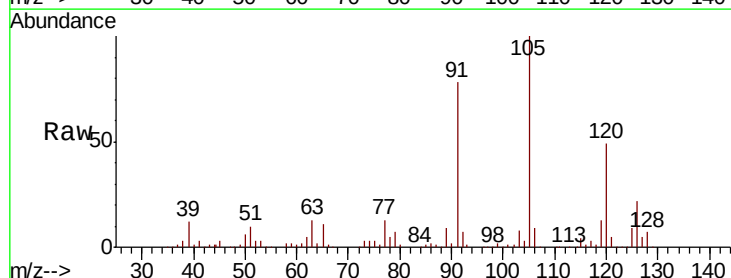
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

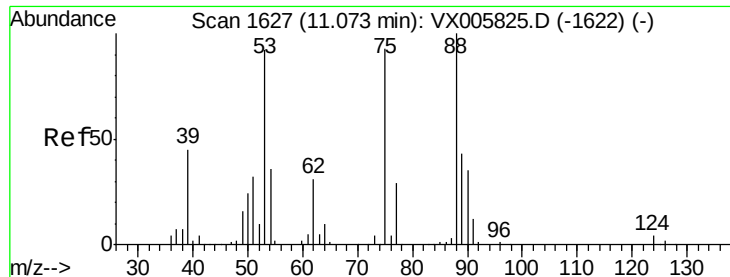
Tot Ion: 91 Resp: 76166
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.816 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 105 Resp: 94048
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.491 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX1112MBS01

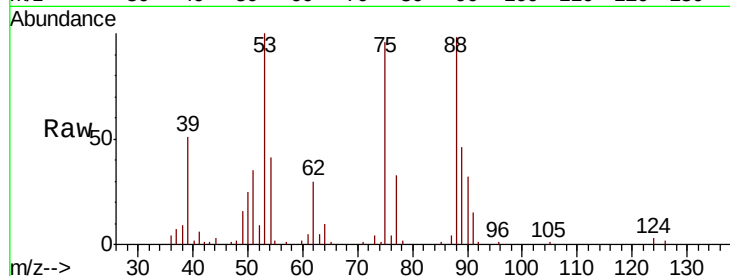
Tot Ion: 75 Resp: 10924

Ion Ratio Lower Upper

75 100

53 105.0 80.2 120.2

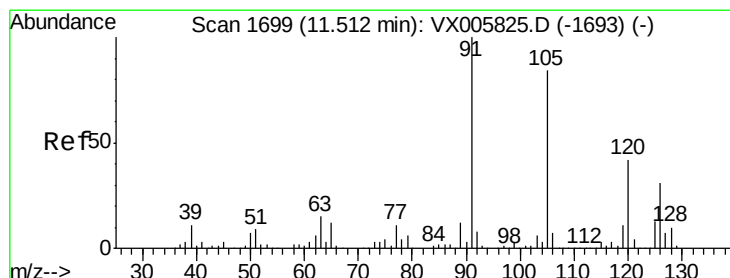
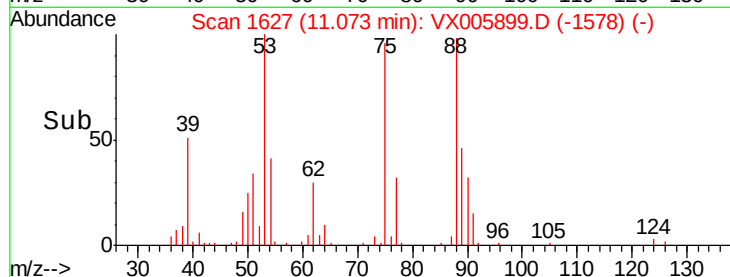
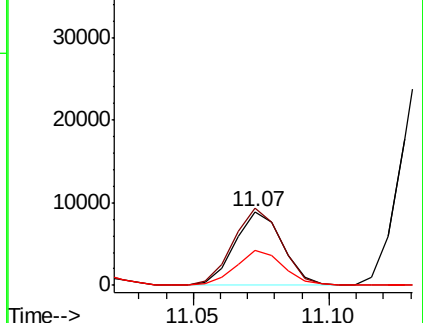
89 47.3 39.8 59.8



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: 21.127 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005899.D

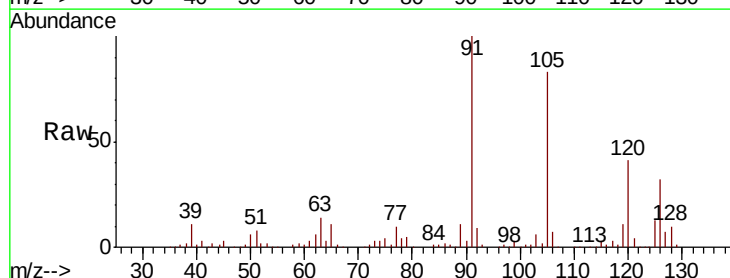
Acq: 12 Nov 2018 14:41

Tgt Ion: 91 Resp: 89977

Ion Ratio Lower Upper

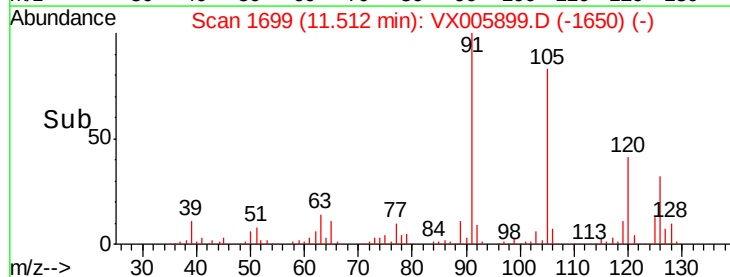
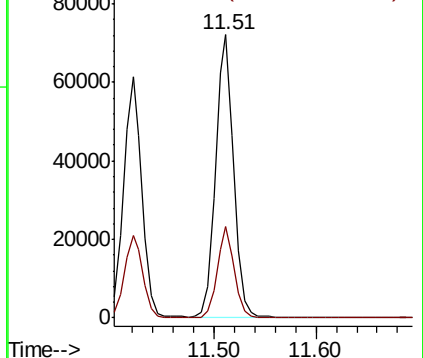
91 100

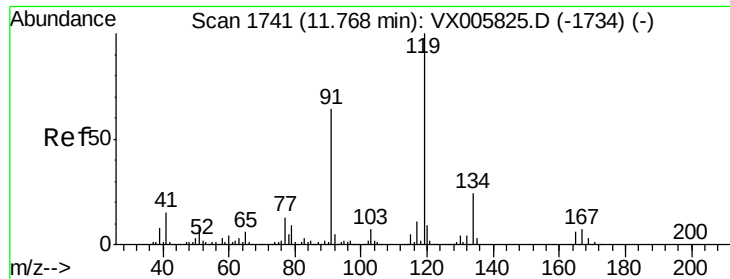
126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

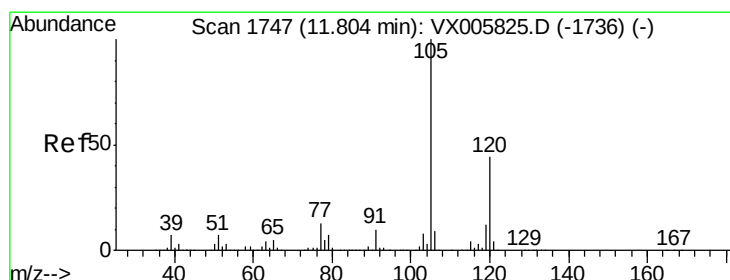
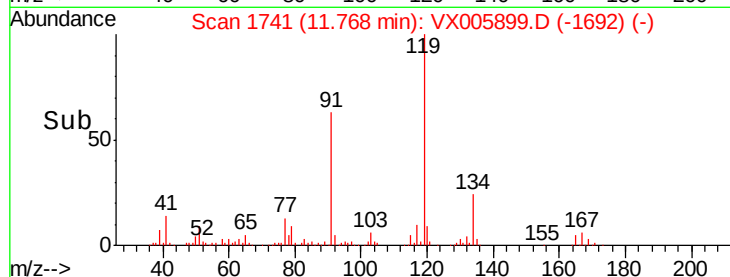
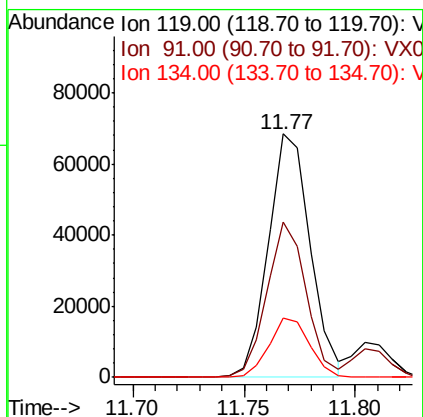
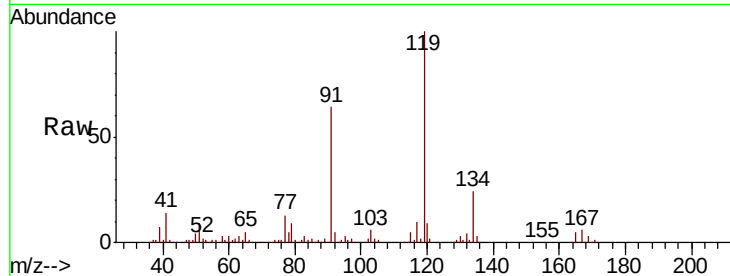




#83
 tert-Butylbenzene
 Concen: 20.470 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

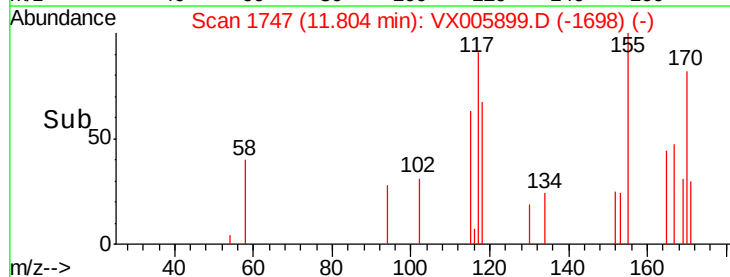
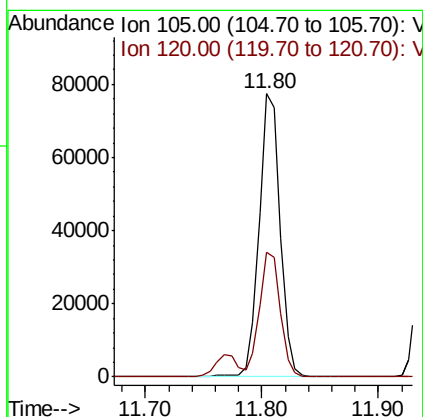
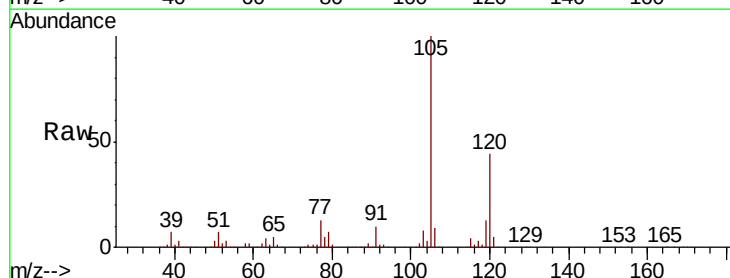
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

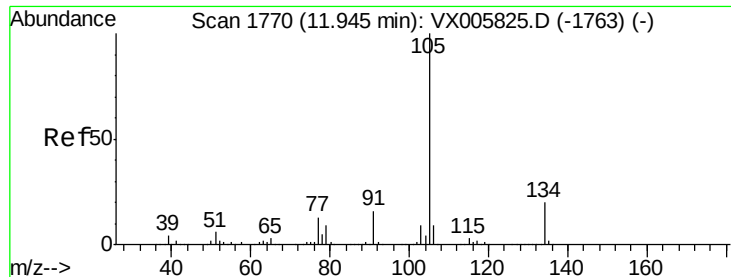
Tot Ion:119 Resp: 89278
 Ion Ratio Lower Upper
 119 100
 91 59.7 28.5 85.5
 134 23.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.493 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion:105 Resp: 97834
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.4 67.0





#85

sec-Butylbenzene

Concen: 21.247 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampled :

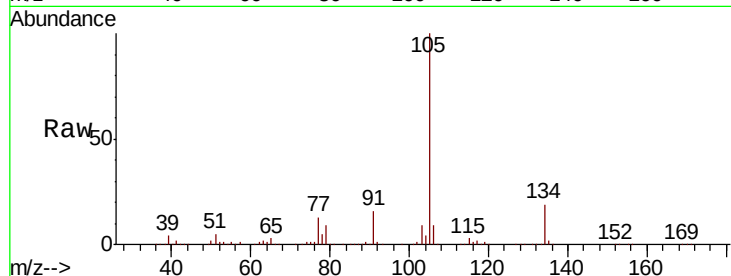
VX1112MBS01

Tot Ion:105 Resp: 113317

Ion Ratio Lower Upper

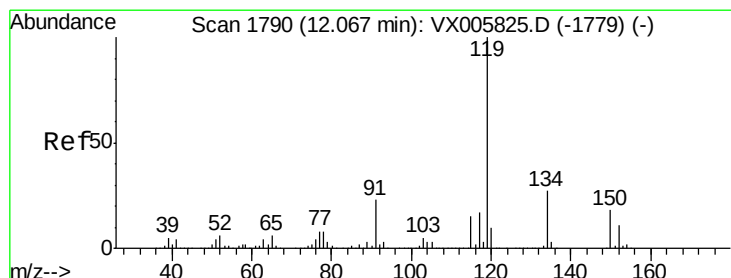
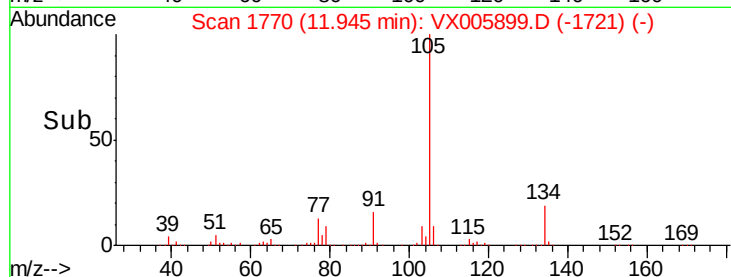
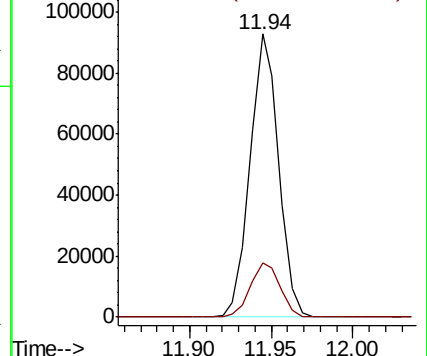
105 100

134 20.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.475 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

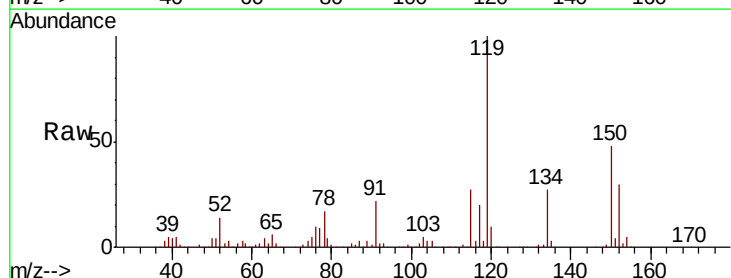
Tgt Ion:119 Resp: 101449

Ion Ratio Lower Upper

119 100

134 26.7 13.0 39.0

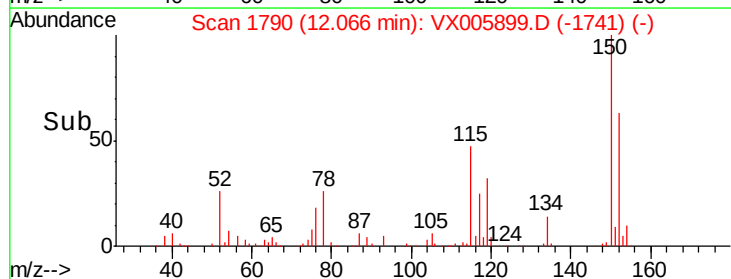
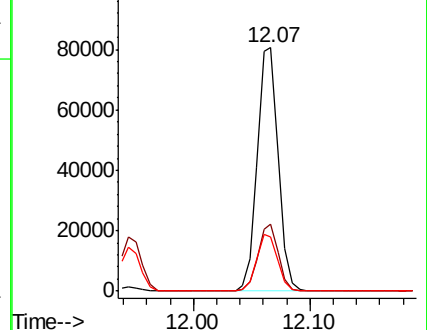
91 23.4 11.4 34.2

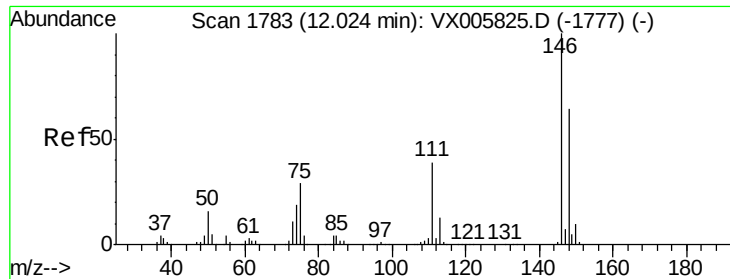


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

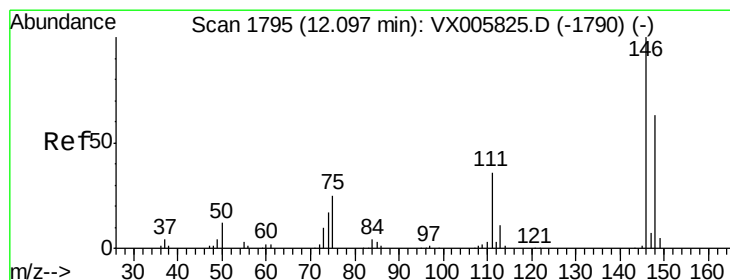
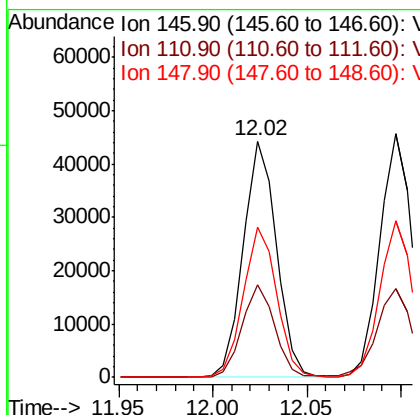
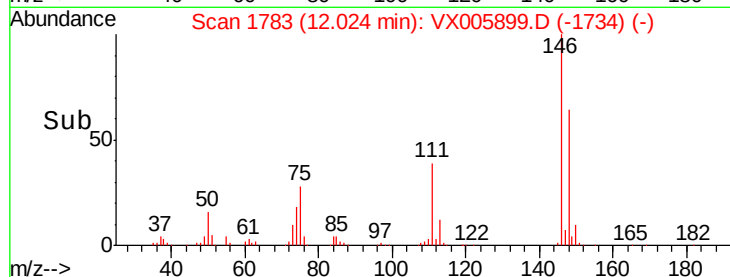
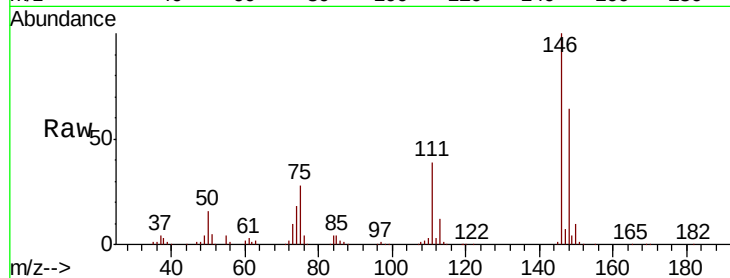




#87
 1,3-Dichlorobenzene
 Concen: 19.815 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

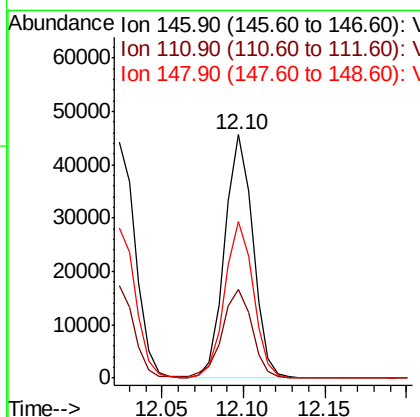
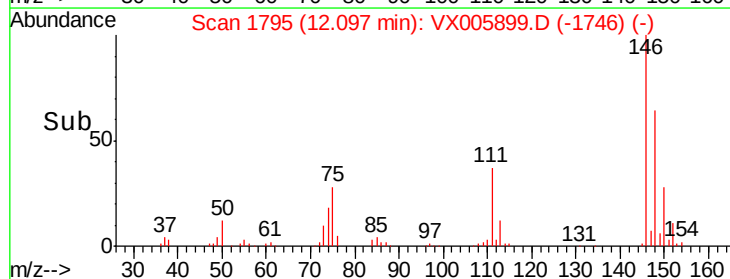
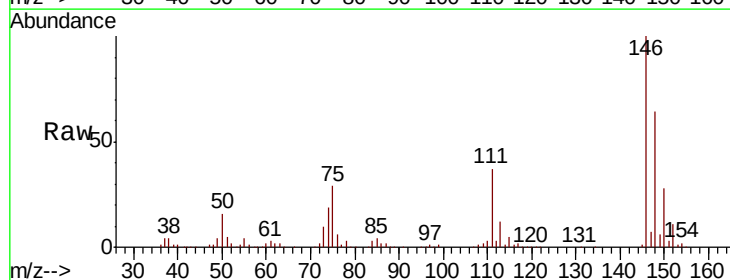
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

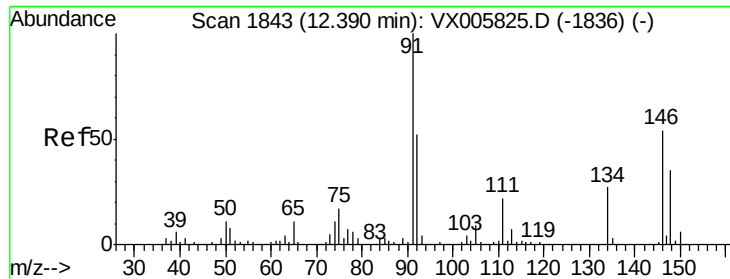
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	63.7	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.600 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.6	55.8
148	65.0	32.1	96.3

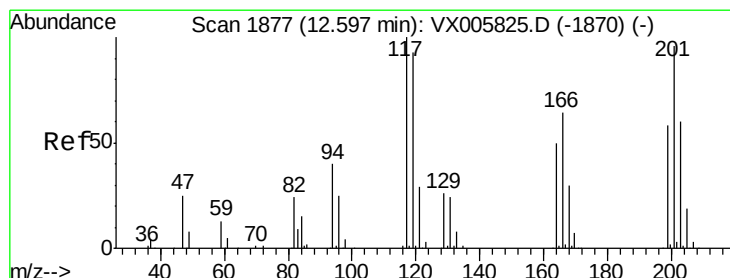
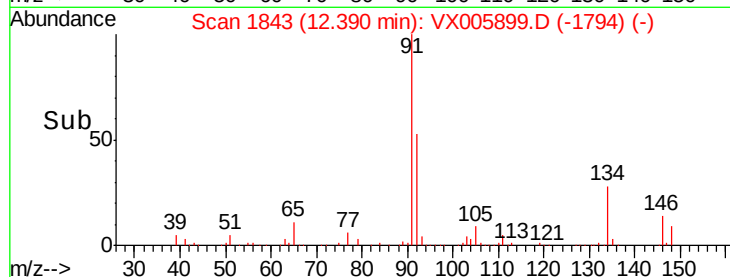
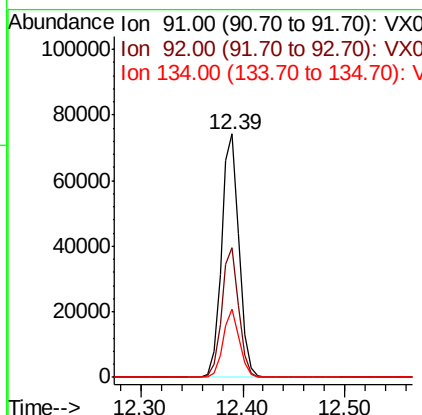
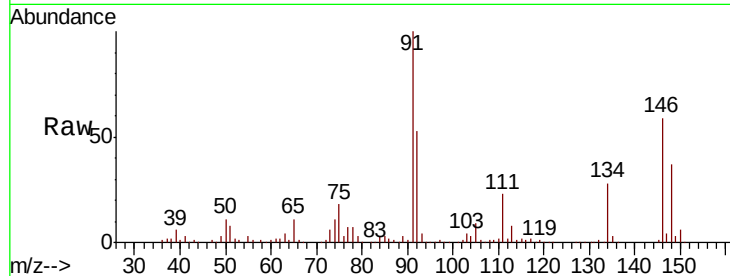




#89
n-Butylbenzene
Concen: 20.207 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

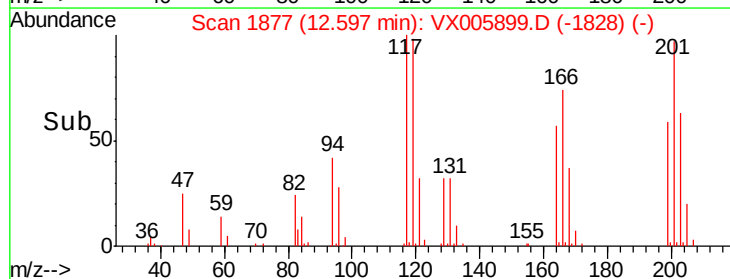
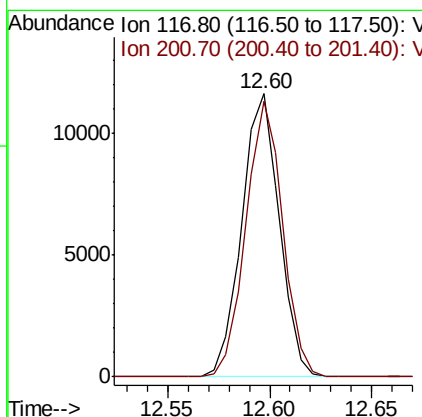
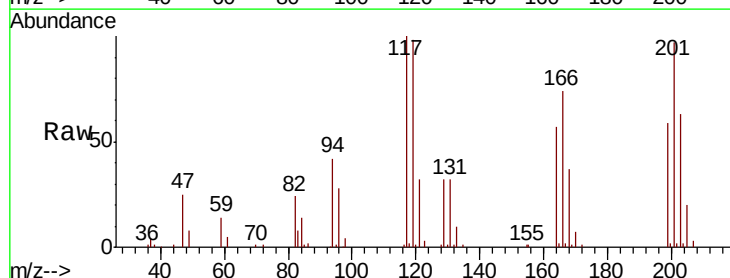
Instrument :
MSVOA_X
ClientSampled :
VX1112MBS01

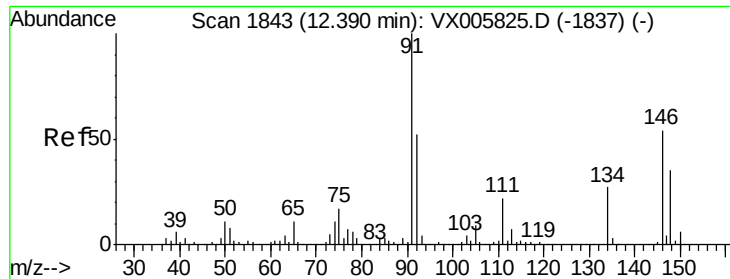
Tot Ion: 91 Resp: 88474
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.2
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 18.824 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005899.D
Acq: 12 Nov 2018 14:41

Tgt Ion: 117 Resp: 14847
Ion Ratio Lower Upper
117 100
201 95.5 47.9 143.6

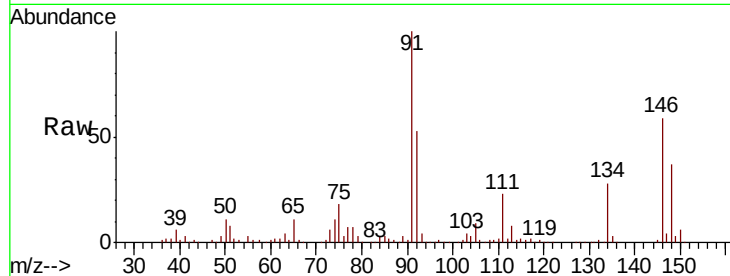




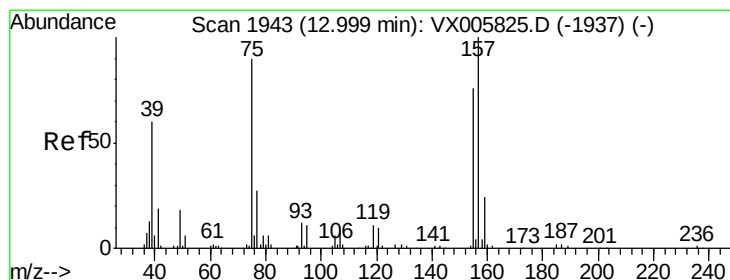
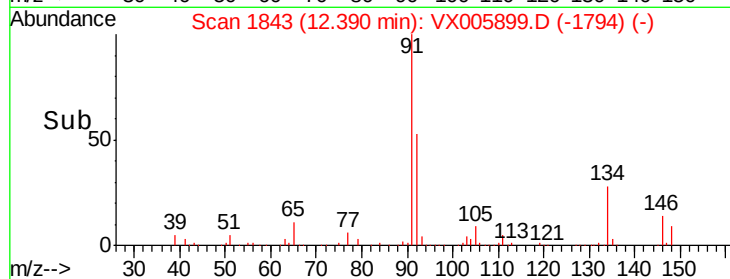
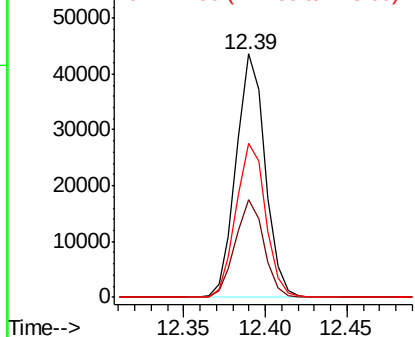
#91
 1,2-Dichlorobenzene
 Concen: 19.655 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

Tot Ion:146 Resp: 54033
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 64.9 32.2 96.6

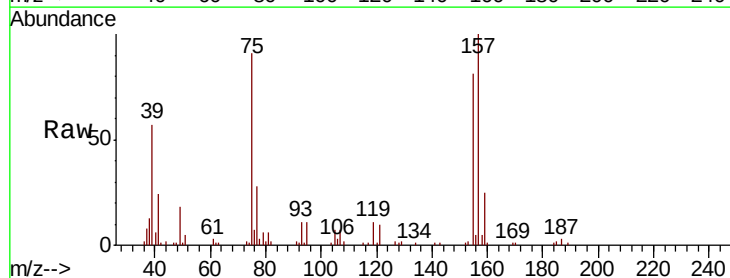


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

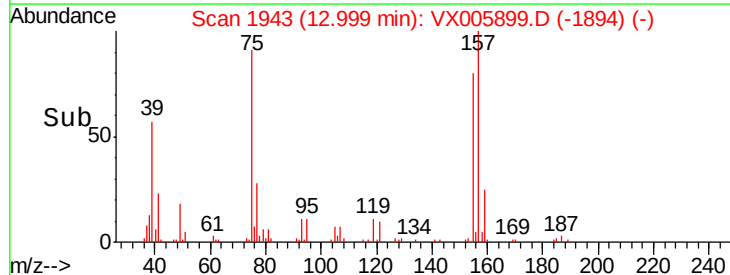
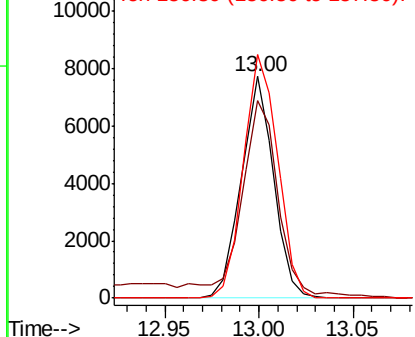


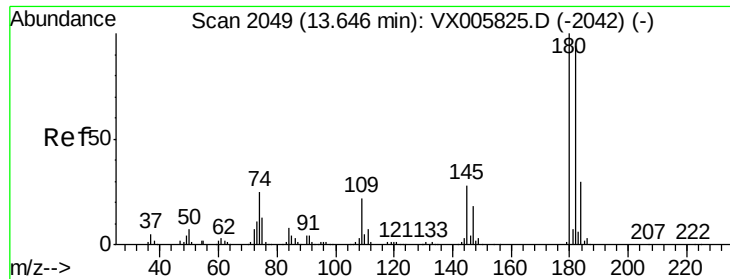
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.113 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion: 75 Resp: 9139
 Ion Ratio Lower Upper
 75 100
 155 100.2 45.4 136.1
 157 117.0 57.4 172.0



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

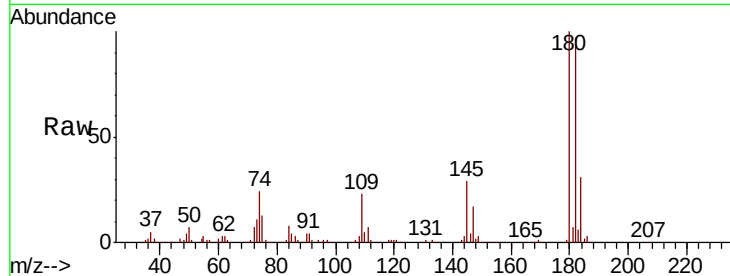




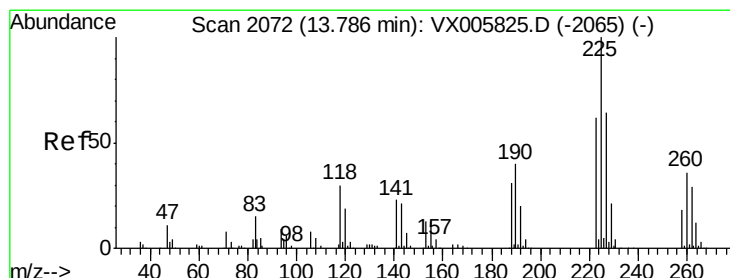
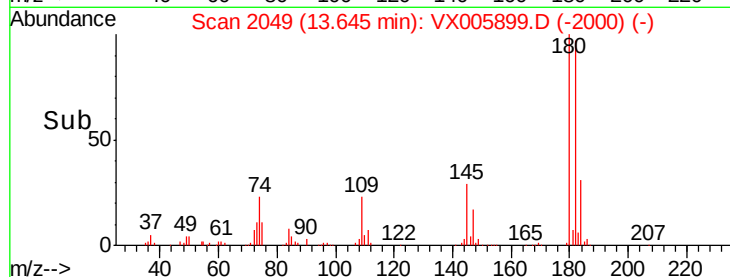
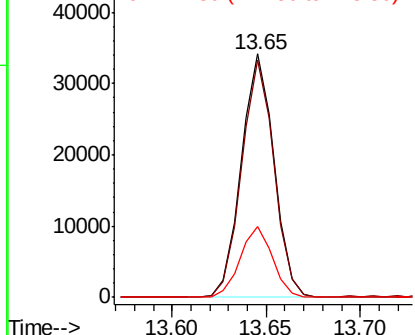
#93
 1,2,4-Trichlorobenzene
 Concen: 21.223 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

Tot Ion:180 Resp: 41071
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.6 142.8
 145 28.8 14.1 42.2

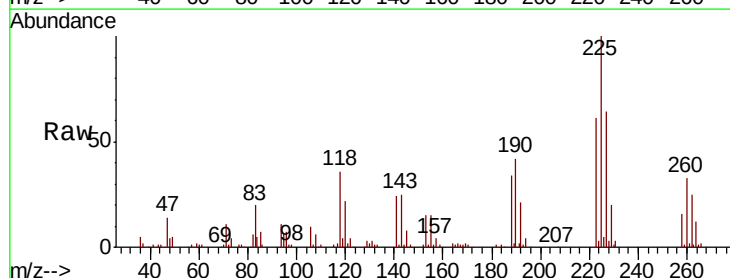


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

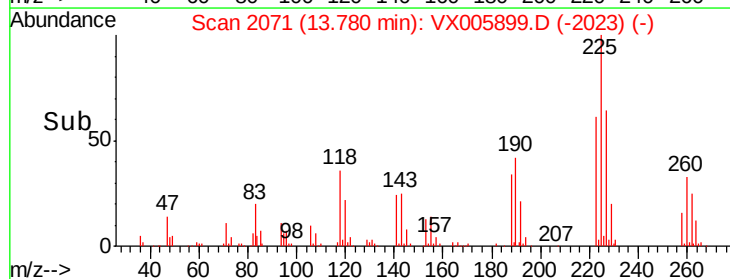
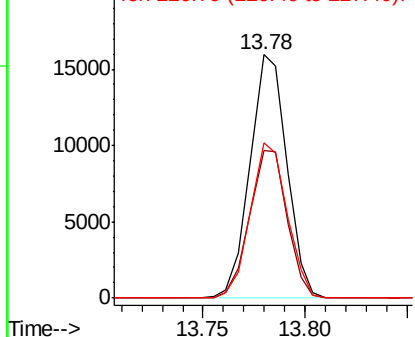


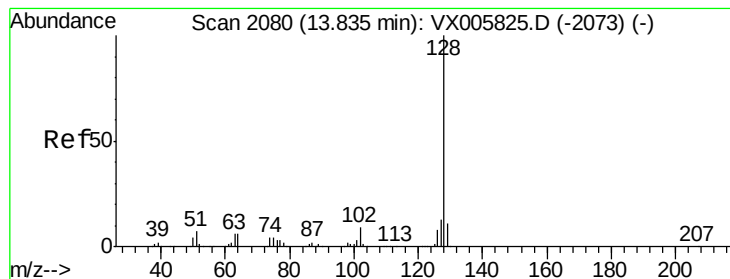
#94
 Hexachlorobutadiene
 Concen: 19.762 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005899.D
 Acq: 12 Nov 2018 14:41

Tgt Ion:225 Resp: 20089
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.7 95.1
 227 63.6 32.3 96.9



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: 21.229 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX1112MBS01

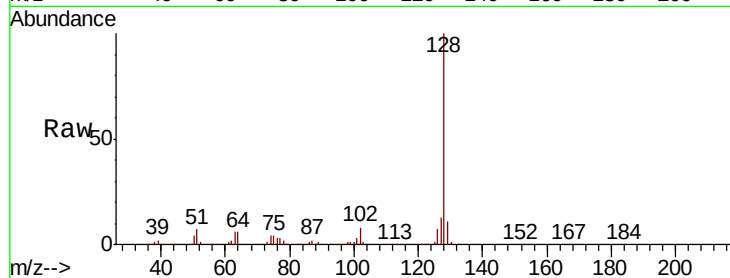
Tot Ion:128 Resp: 129602

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.7 13.1



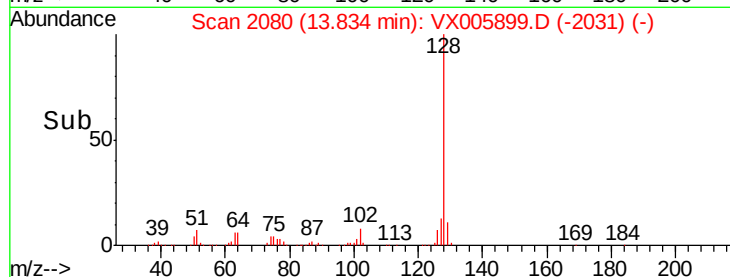
Abundance

Ion 128.00 (127.70 to 128.70): V

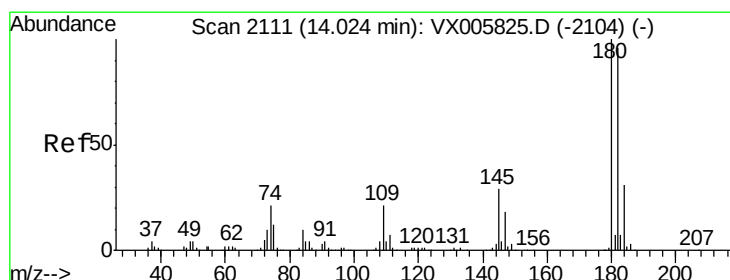
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 21.380 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005899.D

Acq: 12 Nov 2018 14:41

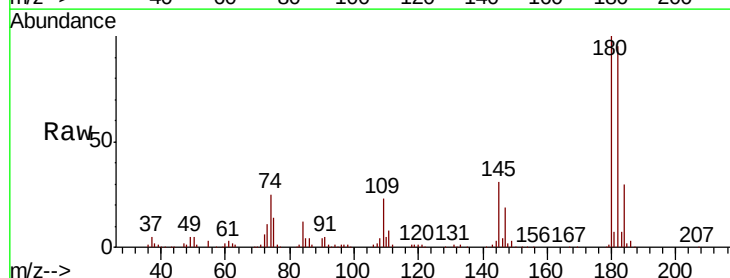
Tgt Ion:180 Resp: 42153

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.2

145 30.6 15.1 45.3



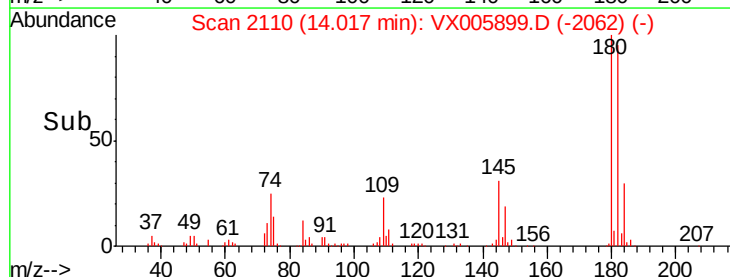
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->