

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
 Data File : VX012603.D
 Acq On : 23 Sep 2019 14:47
 Operator : JC/SP
 Sample : VX0923WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS01

Quant Time: Sep 24 01:50:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	228925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	391314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	353445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	158669	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	140439	42.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.26%	
35) Dibromofluoromethane	5.48	113	104577	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
50) Toluene-d8	8.71	98	397636	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
62) 4-Bromofluorobenzene	11.13	95	154577	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	42514	16.508	ug/l	99
3) Chloromethane	1.32	50	47116	15.932	ug/l	99
4) Vinyl Chloride	1.40	62	48369	16.455	ug/l	98
5) Bromomethane	1.63	94	23321	20.179	ug/l	96
6) Chloroethane	1.71	64	30647	15.466	ug/l	98
7) Trichlorofluoromethane	1.92	101	68184	16.522	ug/l	99
8) Diethyl Ether	2.18	74	27153	16.055	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43756	17.408	ug/l	96
10) Methyl Iodide	2.50	142	30549	15.347	ug/l	97
11) Tert butyl alcohol	3.03	59	64478	77.428	ug/l	98
12) 1,1-Dichloroethene	2.36	96	41669	16.929	ug/l	98
13) Acrolein	2.28	56	30721	73.746	ug/l	98
14) Allyl chloride	2.72	41	80835	16.553	ug/l	97
15) Acrylonitrile	3.13	53	135722	80.334	ug/l	100
16) Acetone	2.43	43	150507	85.237	ug/l	97
17) Carbon Disulfide	2.56	76	111318	16.132	ug/l	99
18) Methyl Acetate	2.76	43	65317	15.710	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	154653	16.600	ug/l	99
20) Methylene Chloride	2.84	84	47131	15.781	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	45625	16.732	ug/l	98
22) Diisopropyl ether	3.84	45	154087	16.330	ug/l	90
23) Vinyl Acetate	3.80	43	683543	82.605	ug/l	98
24) 1,1-Dichloroethane	3.69	63	83696	16.318	ug/l	98
25) 2-Butanone	4.65	43	207431	81.930	ug/l	95
26) 2,2-Dichloropropane	4.57	77	76501	16.770	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	51862	16.391	ug/l	97
28) Bromochloromethane	5.00	49	31372	16.845	ug/l	99
29) Tetrahydrofuran	5.11	42	123775	80.209	ug/l	98
30) Chloroform	5.19	83	85962	16.381	ug/l	97
31) Cyclohexane	5.57	56	79530	17.139	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	76031	16.348	ug/l	100
36) 1,1-Dichloropropene	5.78	75	64045	16.980	ug/l	97
37) Ethyl Acetate	4.82	43	74381	16.868	ug/l	98
38) Carbon Tetrachloride	5.77	117	64914	16.942	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	79949	17.607	ug/l	96
40) Benzene	6.13	78	187514	16.896	ug/l	98
41) Methacrylonitrile	5.02	41	40978	16.563	ug/l	96
42) 1,2-Dichloroethane	6.18	62	71753	17.026	ug/l	100
43) Isopropyl Acetate	6.43	43	122060	16.552	ug/l	99
44) Trichloroethene	7.20	130	48072	16.944	ug/l	95
45) 1,2-Dichloropropane	7.51	63	48057	16.914	ug/l	99
46) Dibromomethane	7.65	93	32327	16.711	ug/l	95
47) Bromodichloromethane	7.89	83	64863	16.776	ug/l	100
48) Methyl methacrylate	7.76	41	57324	16.212	ug/l	97
49) 1,4-Dioxane	7.73	88	26405	329.231	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	376242	82.653	ug/l	98
52) Toluene	8.78	92	119797	17.175	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	72533	16.956	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	79344	16.988	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	47248	17.038	ug/l	97
56) Ethyl methacrylate	9.17	69	78439	16.837	ug/l	95
57) 1,3-Dichloropropane	9.37	76	83508	17.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	191606	91.624	ug/l	100
59) 2-Hexanone	9.48	43	294192	84.433	ug/l	96
60) Dibromochloromethane	9.57	129	46913	16.712	ug/l	100
61) 1,2-Dibromoethane	9.67	107	49698	17.220	ug/l	99
64) Tetrachloroethene	9.33	164	42467	17.233	ug/l	98
65) Chlorobenzene	10.14	112	124780	16.765	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	45372	16.825	ug/l	99
67) Ethyl Benzene	10.25	91	231860	17.176	ug/l	99
68) m/p-Xylenes	10.35	106	174478	34.503	ug/l	100
69) o-Xylene	10.70	106	83627	17.091	ug/l	100
70) Styrene	10.71	104	139849	17.049	ug/l	99
71) Bromoform	10.85	173	30854	16.431	ug/l #	99
73) Isopropylbenzene	11.01	105	224824	17.397	ug/l	100
74) N-amyl acetate	10.89	43	103409	16.773	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	71566	16.721	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	85323	20.329	ug/l	87
77) Bromobenzene	11.25	156	49838	17.040	ug/l	96
78) n-propylbenzene	11.35	91	255584	17.567	ug/l	99
79) 2-Chlorotoluene	11.42	91	152897	16.846	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	188656	17.408	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23724	16.198	ug/l	99
82) 4-Chlorotoluene	11.51	91	180074	17.405	ug/l	98
83) tert-Butylbenzene	11.76	119	184090	17.610	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	191992	17.562	ug/l	99
85) sec-Butylbenzene	11.94	105	213867	17.589	ug/l	100
86) p-Isopropyltoluene	12.06	119	198515	18.094	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	91958	17.471	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	93152	17.514	ug/l	97
89) n-Butylbenzene	12.38	91	169036	17.485	ug/l	99
90) Hexachloroethane	12.59	117	32485	16.608	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	90831	17.237	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17341	16.197	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

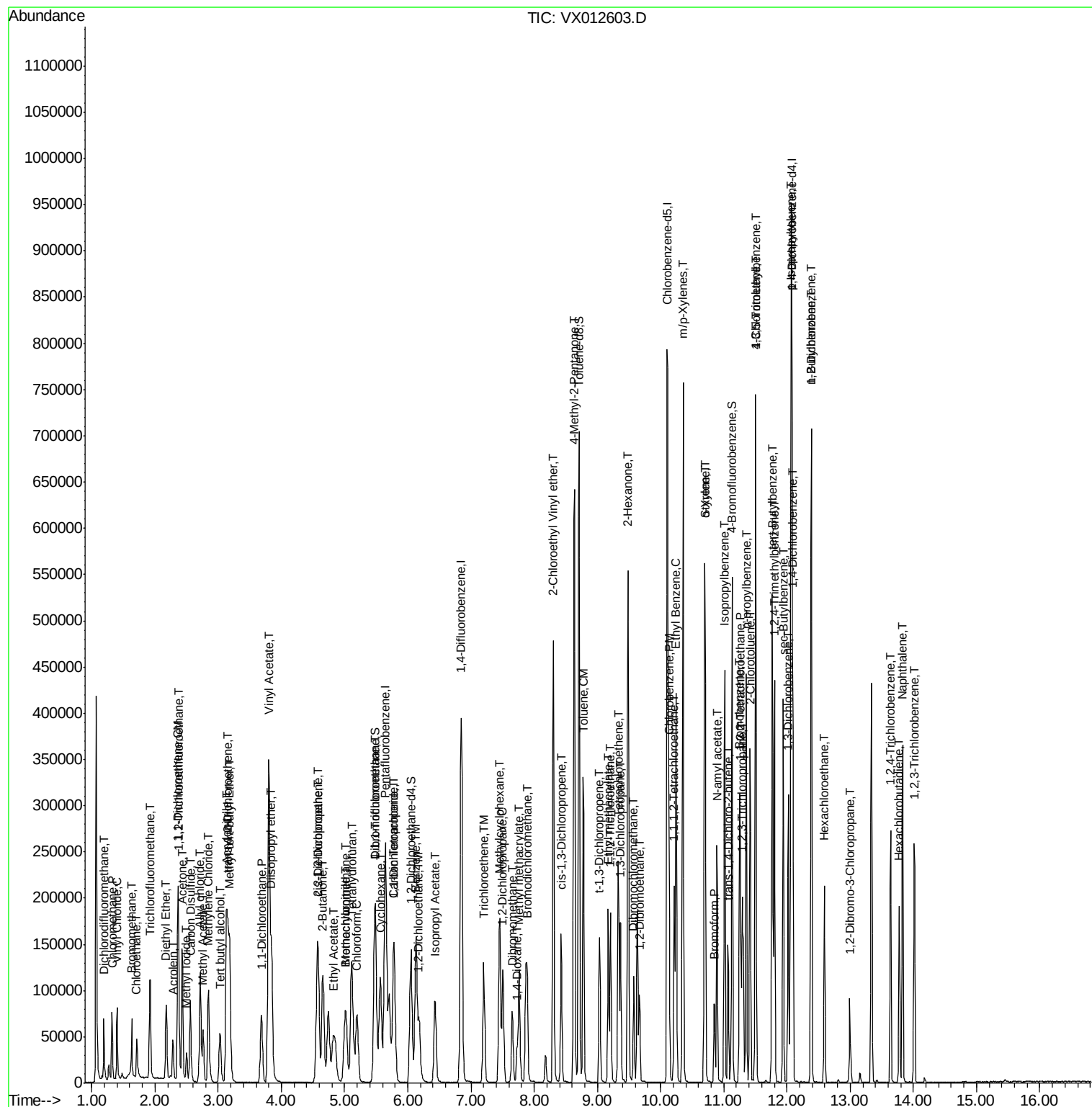
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	56247	17.502	ug/l	97
94) Hexachlorobutadiene	13.78	225	24674	17.847	ug/l	98
95) Naphthalene	13.83	128	210283	18.085	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55668	17.292	ug/l	98

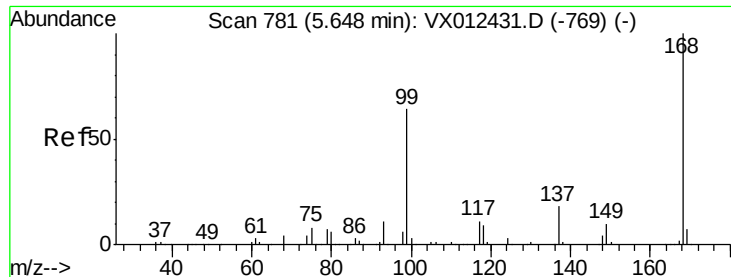
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 23 Sep 2019 14:47
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX0923WBS01

Quant Time: Sep 24 01:50:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

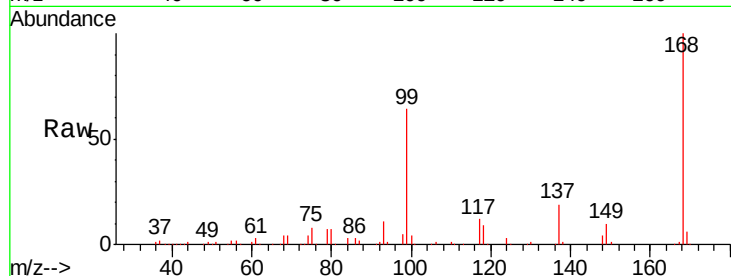
VX0923WBS01

Tgt Ion:168 Resp: 228925

Ion Ratio Lower Upper

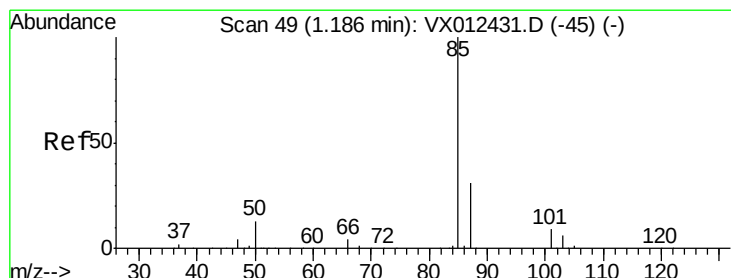
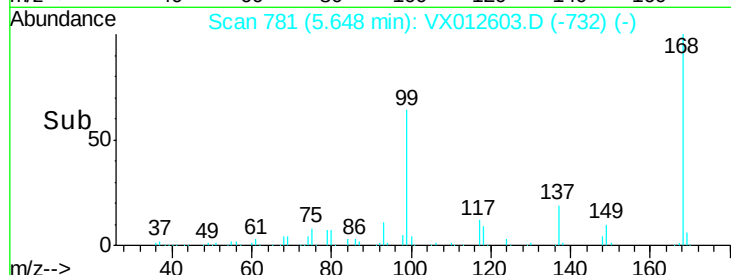
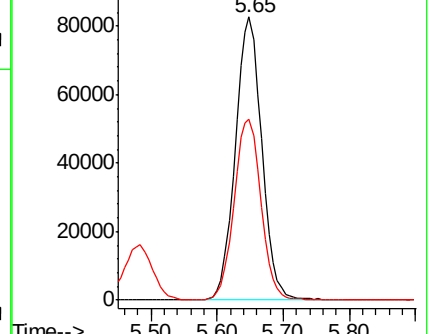
168 100

99 63.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.508 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012603.D

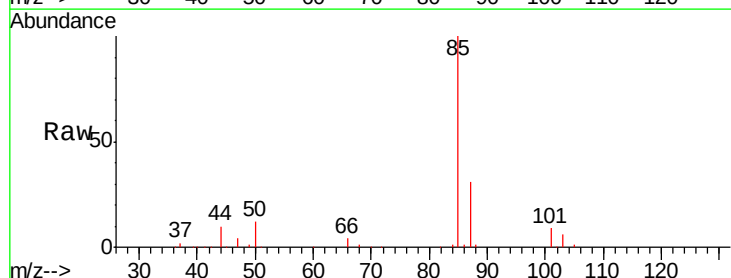
Acq: 23 Sep 2019 14:47

Tgt Ion: 85 Resp: 42514

Ion Ratio Lower Upper

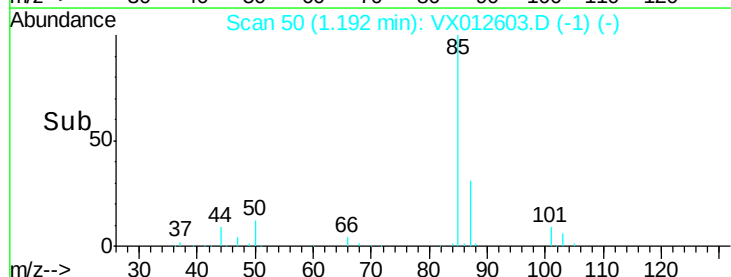
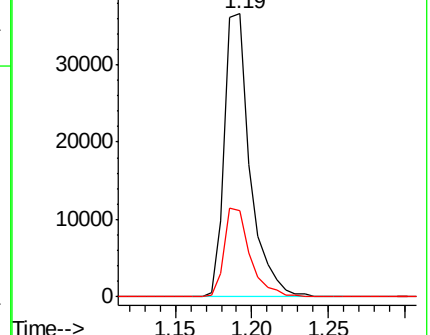
85 100

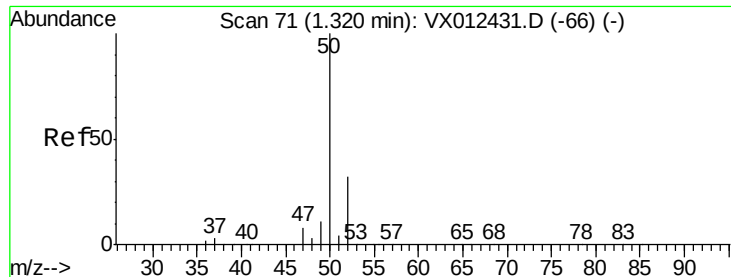
87 30.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.932 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

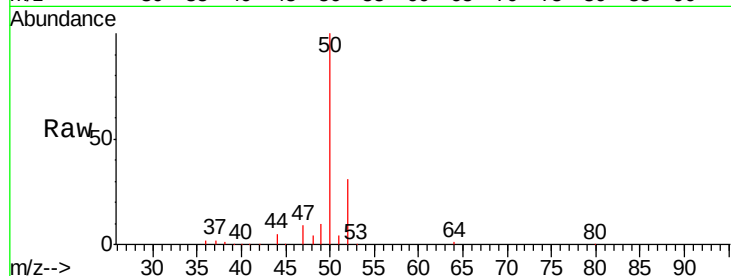
VX0923WBS01

Tgt Ion: 50 Resp: 47116

Ion Ratio Lower Upper

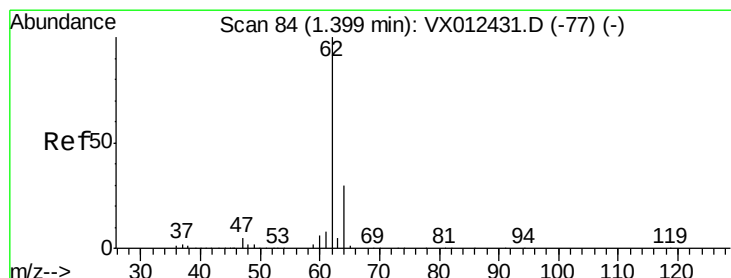
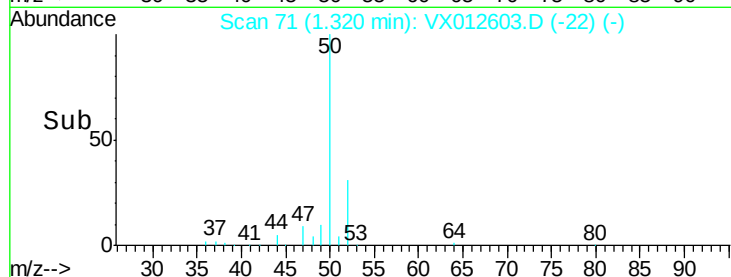
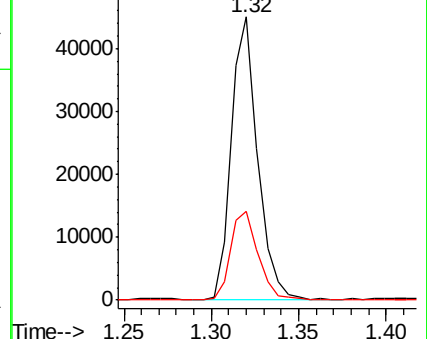
50 100

52 31.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.455 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012603.D

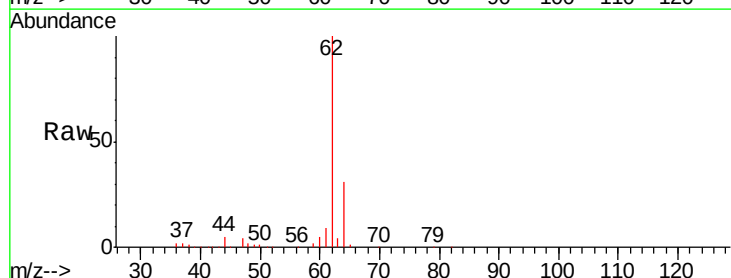
Acq: 23 Sep 2019 14:47

Tgt Ion: 62 Resp: 48369

Ion Ratio Lower Upper

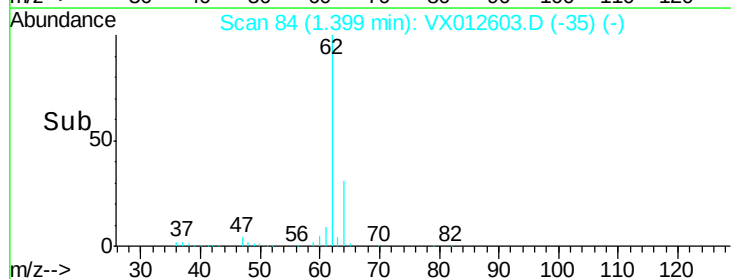
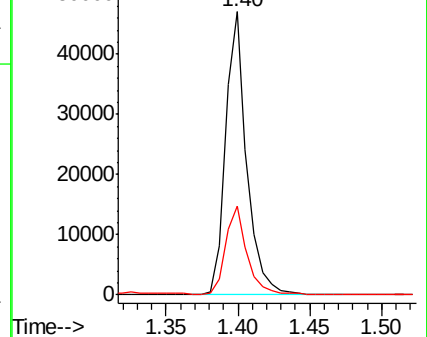
62 100

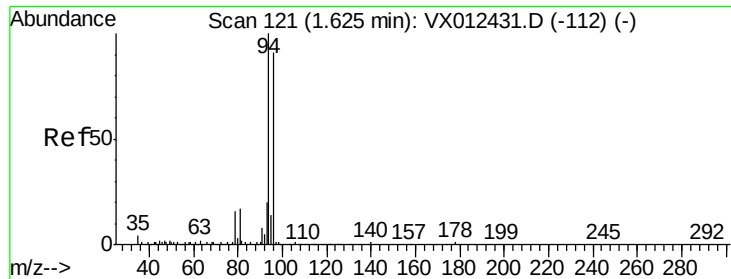
64 31.1 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.179 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

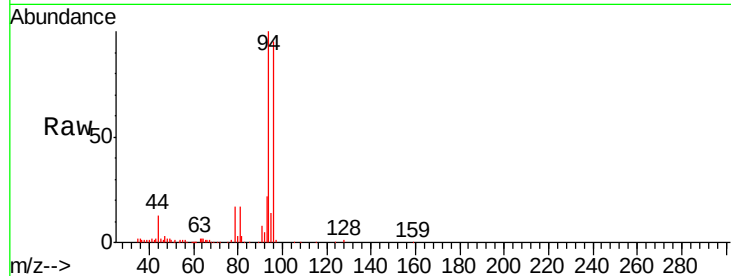
VX0923WBS01

Tgt Ion: 94 Resp: 23321

Ion Ratio Lower Upper

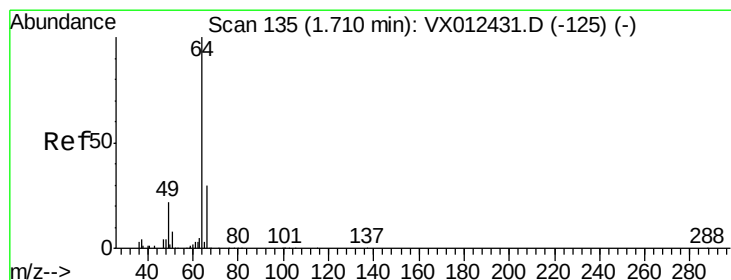
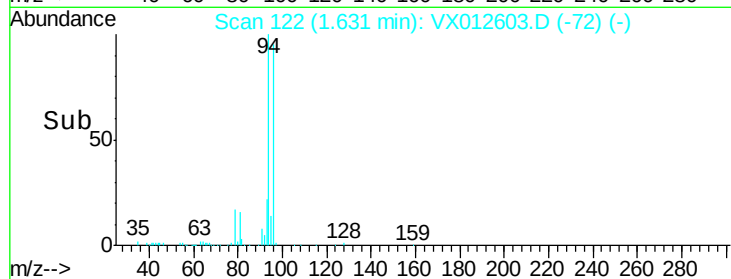
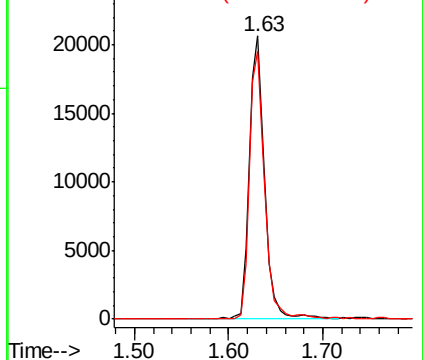
94 100

96 94.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 15.466 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012603.D

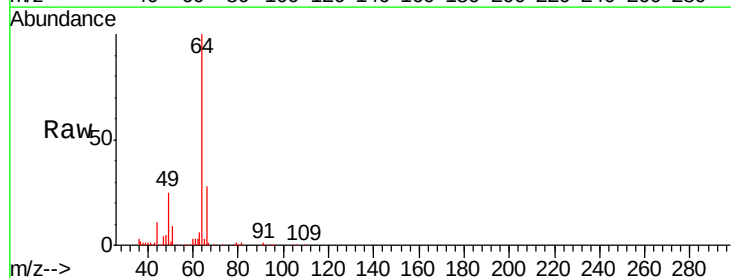
Acq: 23 Sep 2019 14:47

Tgt Ion: 64 Resp: 30647

Ion Ratio Lower Upper

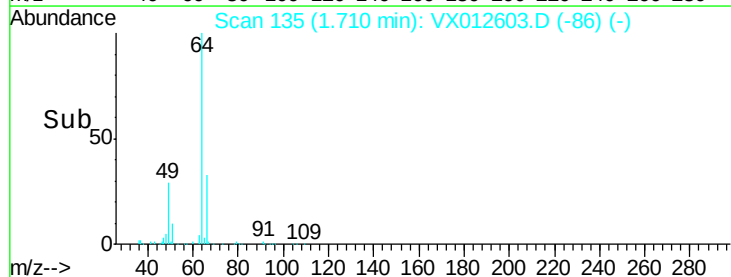
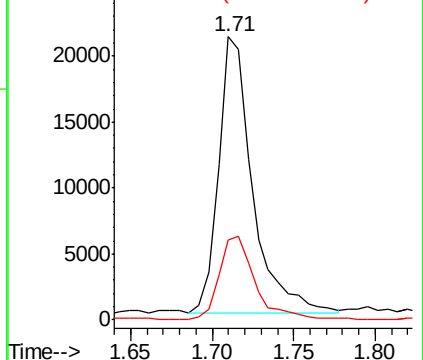
64 100

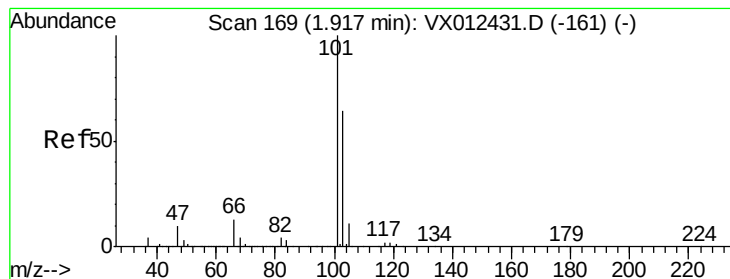
66 28.9 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



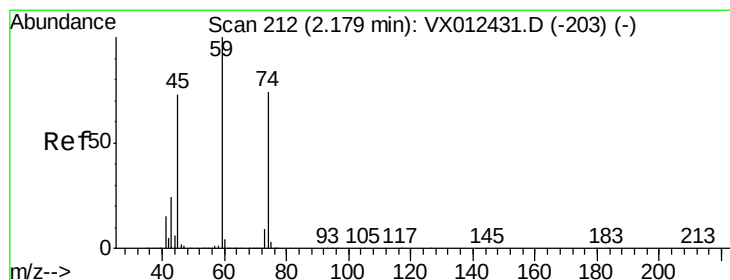
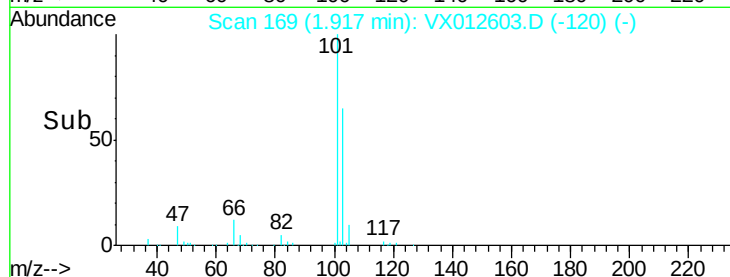
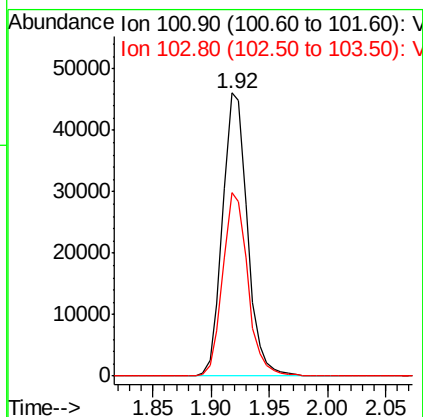
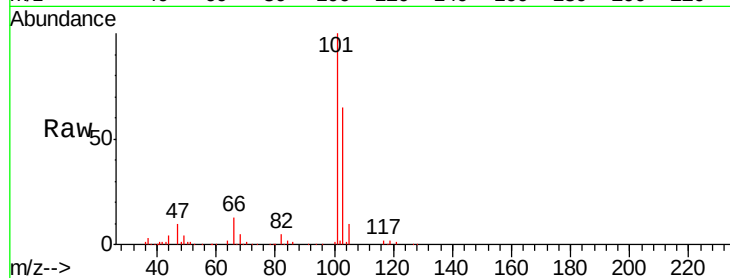


#7

Trichlorofluoromethane
 Concen: 16.522 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Instrument :
 MSVOA_X
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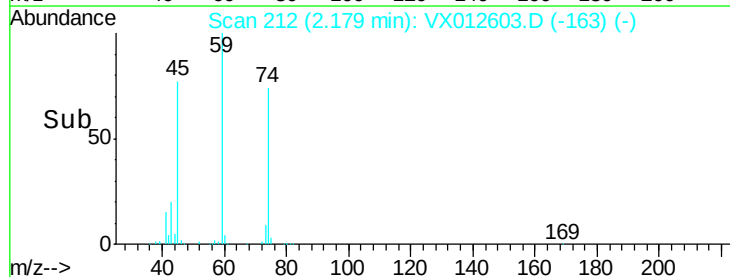
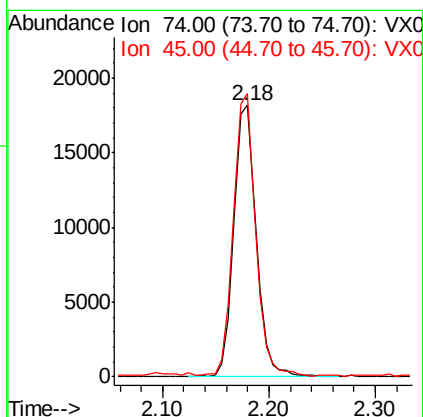
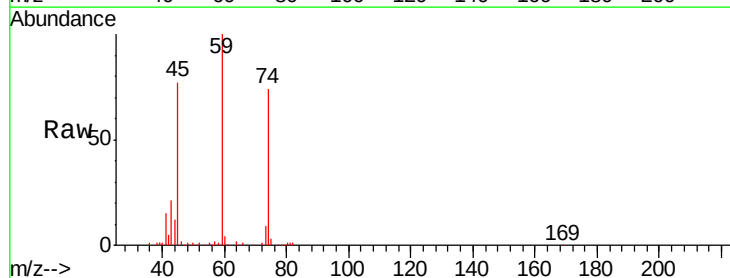
Tgt Ion: 101 Resp: 68184
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.0 76.4

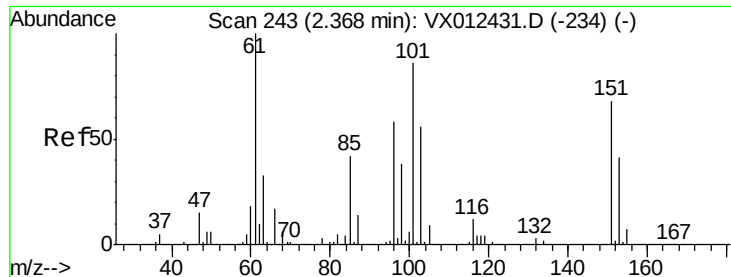


#8

Diethyl Ether
 Concen: 16.055 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion: 74 Resp: 27153
 Ion Ratio Lower Upper
 74 100
 45 102.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.408 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

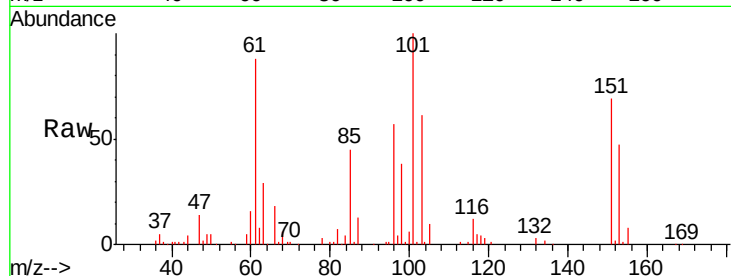
Tgt Ion:101 Resp: 43756

Ion Ratio Lower Upper

101 100

85 46.5 37.3 55.9

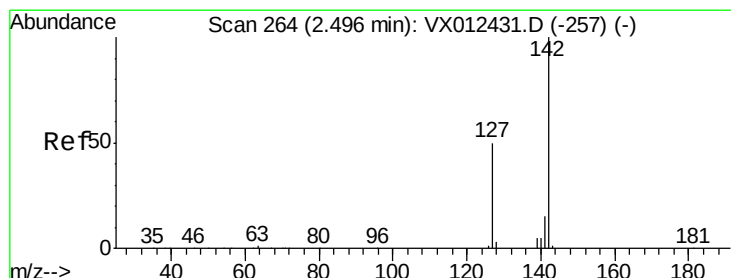
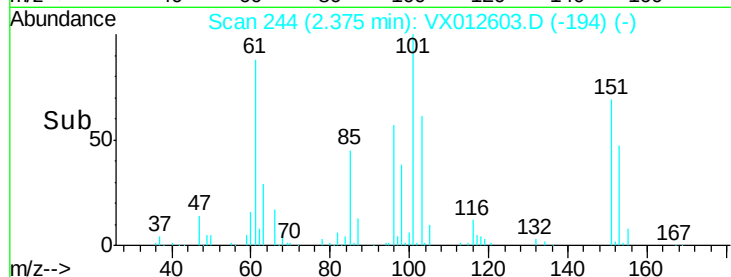
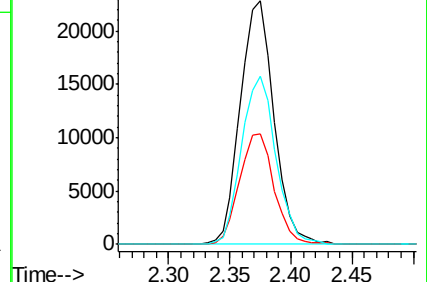
151 70.6 61.0 91.4



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: 15.347 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

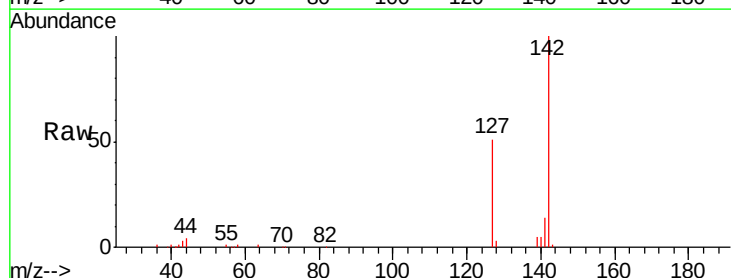
Tgt Ion:142 Resp: 30549

Ion Ratio Lower Upper

142 100

127 48.9 40.8 61.2

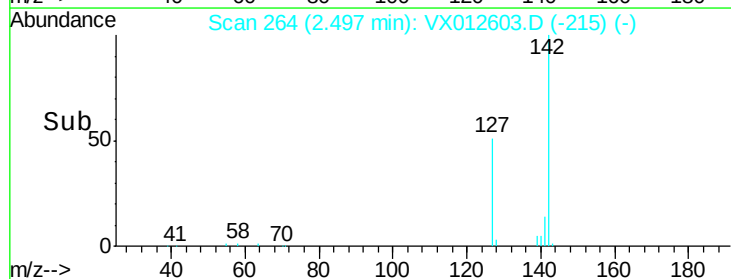
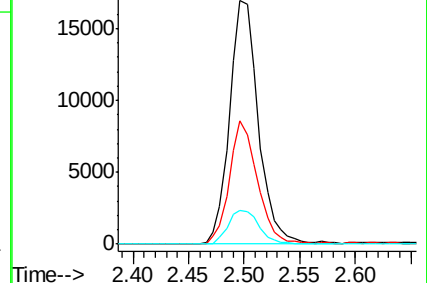
141 14.5 12.1 18.1

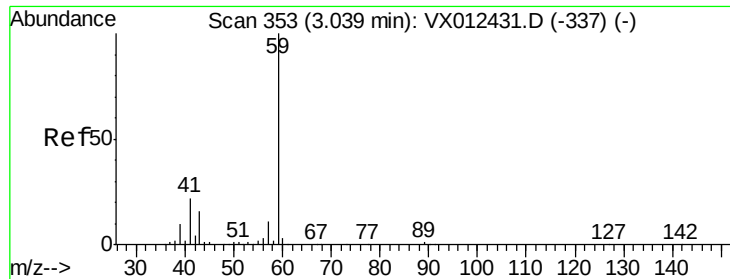


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

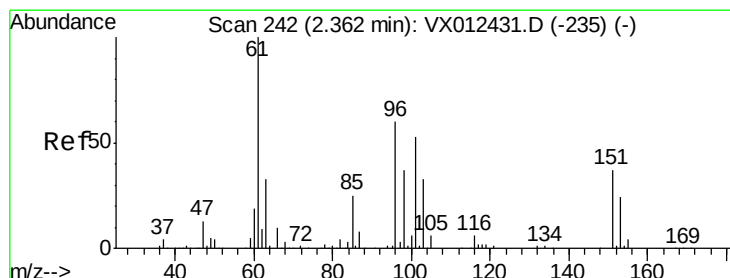
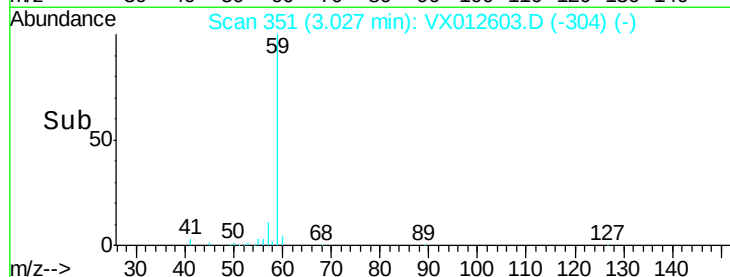
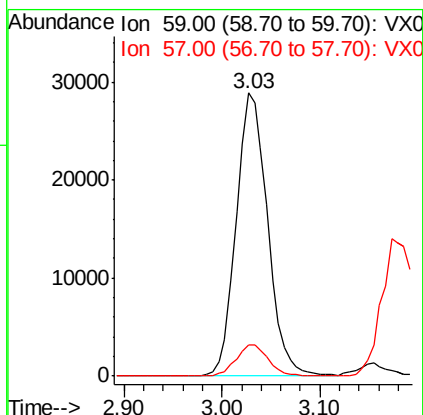
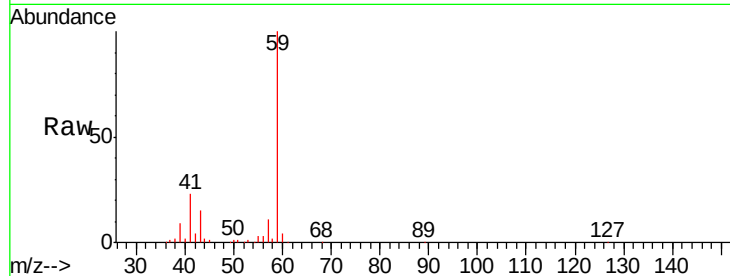




#11
Tert butyl alcohol
Concen: 77.428 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

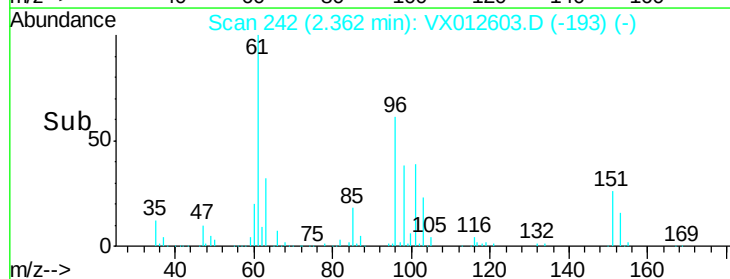
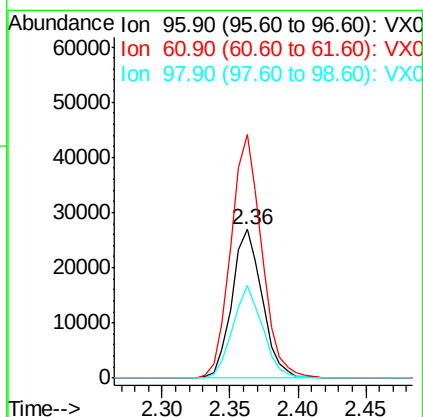
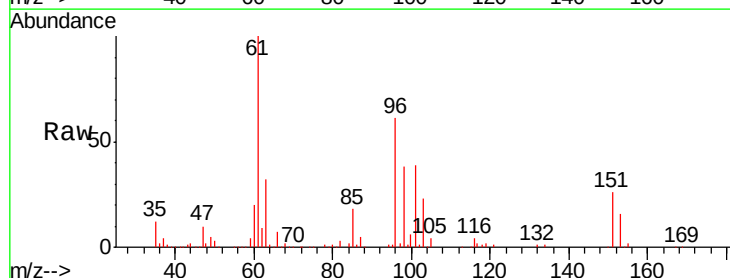
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

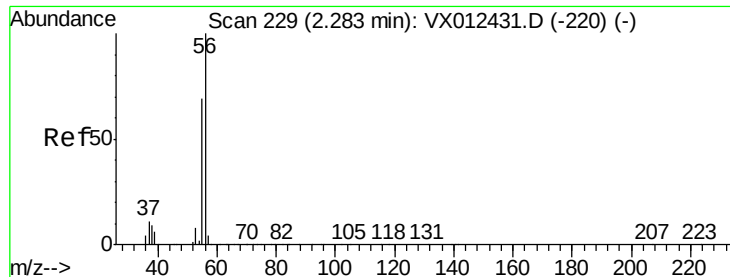
Tgt Ion: 59 Resp: 64478
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 16.929 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion: 96 Resp: 41669
Ion Ratio Lower Upper
96 100
61 164.0 133.8 200.6
98 62.1 49.9 74.9





#13

Acrolein

Concen: 73.746 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

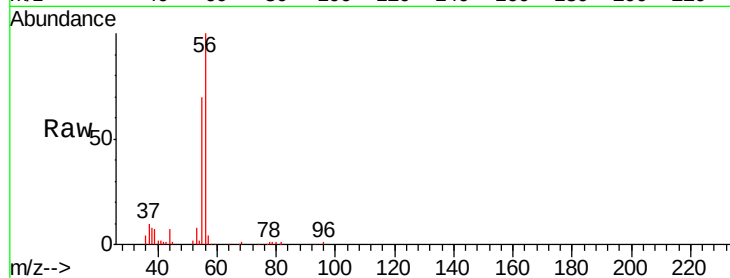
VX0923WBS01

Tgt Ion: 56 Resp: 30721

Ion Ratio Lower Upper

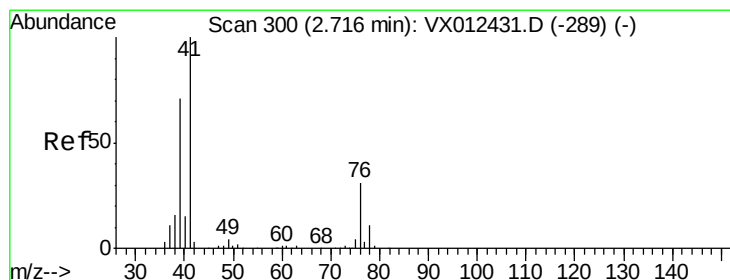
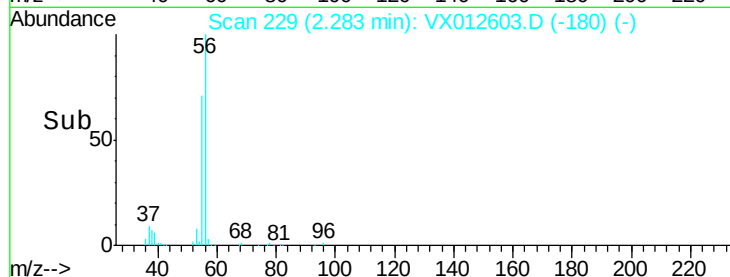
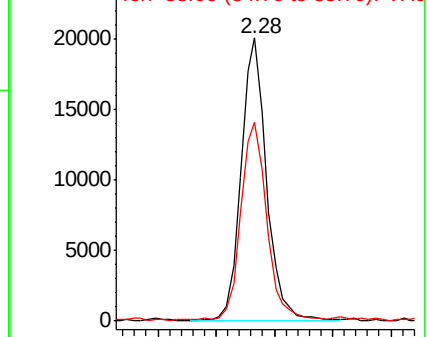
56 100

55 71.5 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 16.553 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

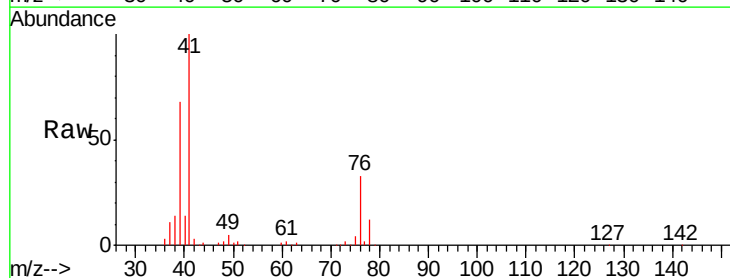
Tgt Ion: 41 Resp: 80835

Ion Ratio Lower Upper

41 100

39 65.6 51.3 76.9

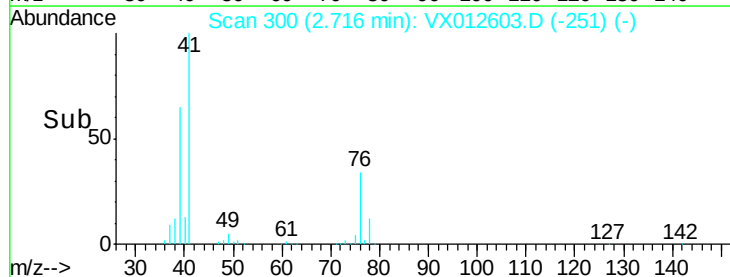
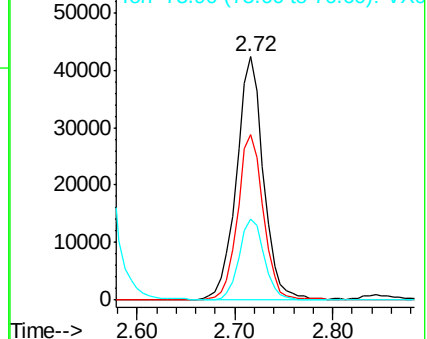
76 31.4 22.6 33.8

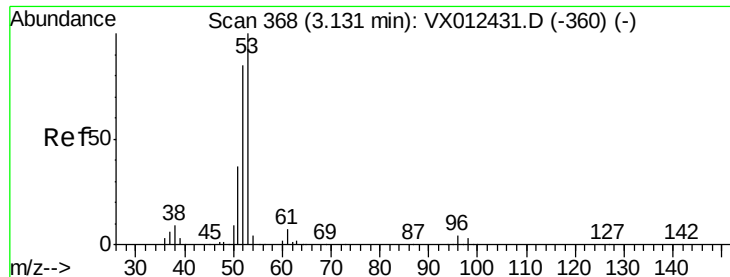


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 80.334 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

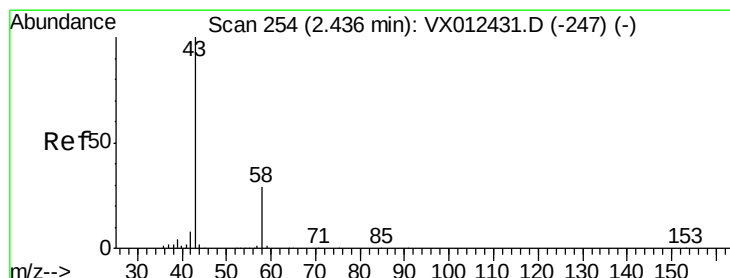
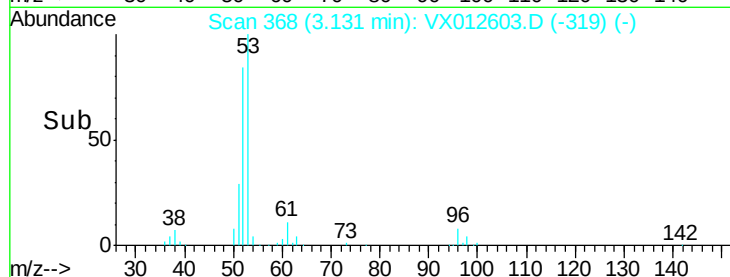
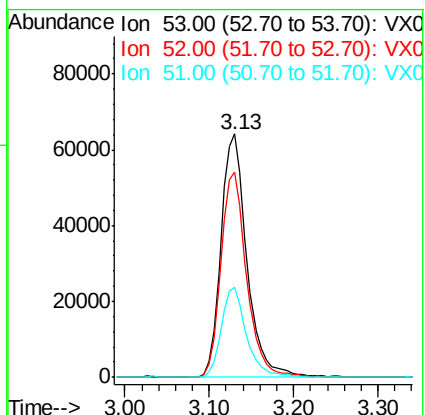
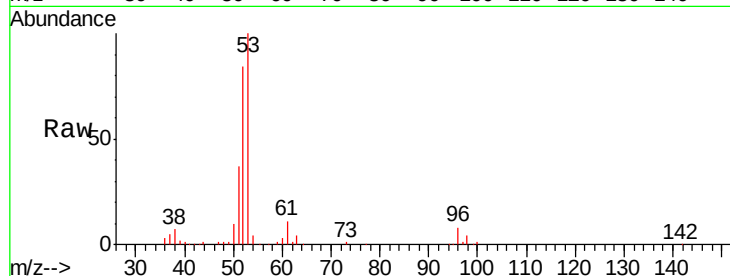
Tgt Ion: 53 Resp: 135722

Ion Ratio Lower Upper

53 100

52 83.7 67.0 100.4

51 36.3 29.6 44.4



#16

Acetone

Concen: 85.237 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012603.D

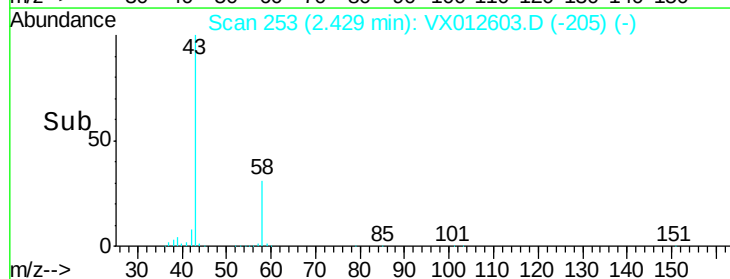
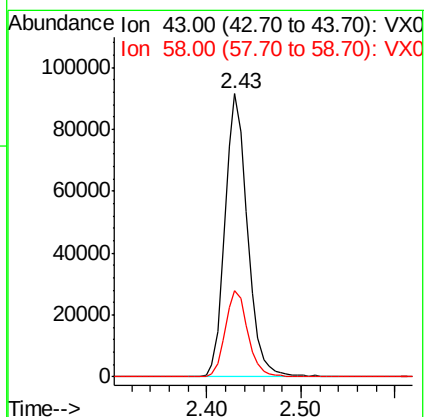
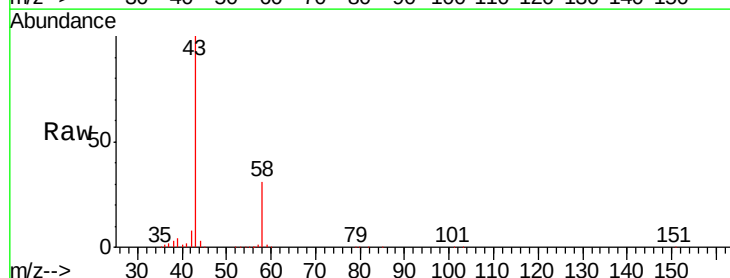
Acq: 23 Sep 2019 14:47

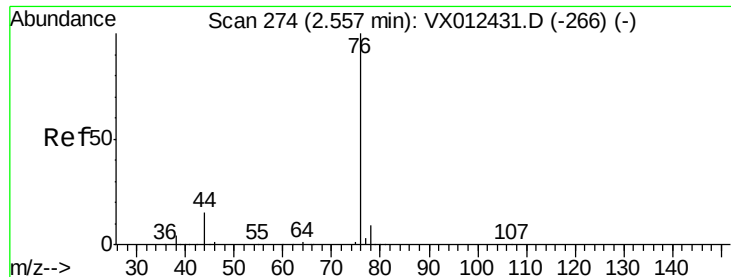
Tgt Ion: 43 Resp: 150507

Ion Ratio Lower Upper

43 100

58 30.6 23.3 34.9





#17

Carbon Disulfide

Concen: 16.132 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

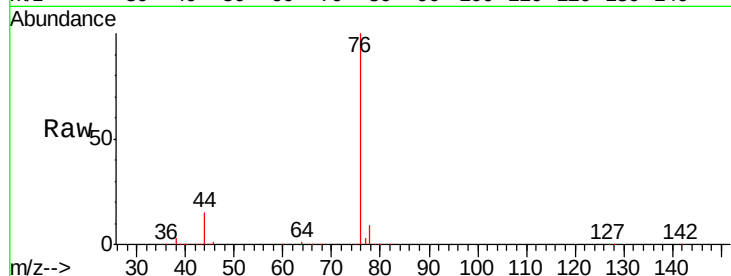
VX0923WBS01

Tgt Ion: 76 Resp: 111318

Ion Ratio Lower Upper

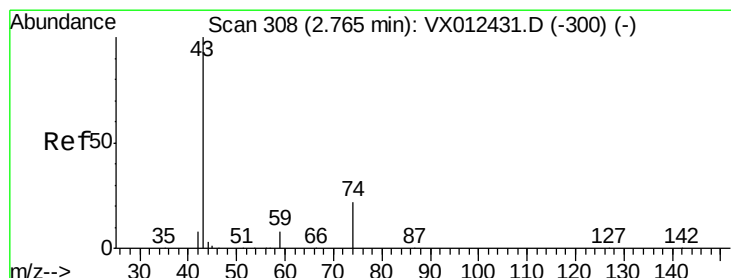
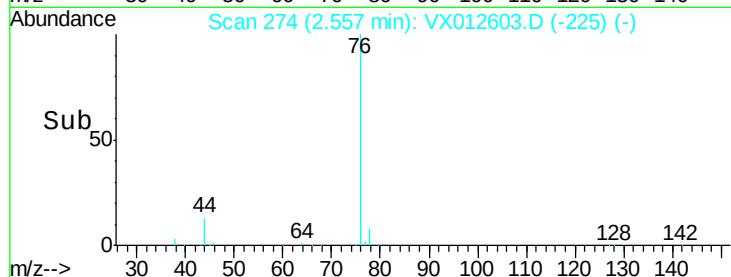
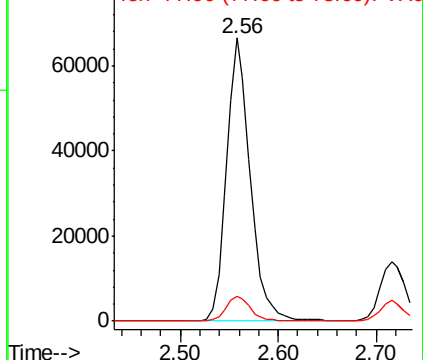
76 100

78 8.6 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: 15.710 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012603.D

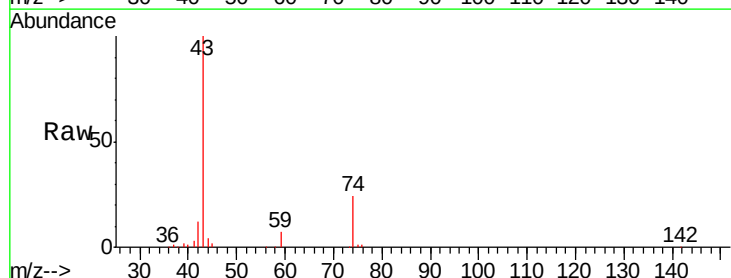
Acq: 23 Sep 2019 14:47

Tgt Ion: 43 Resp: 65317

Ion Ratio Lower Upper

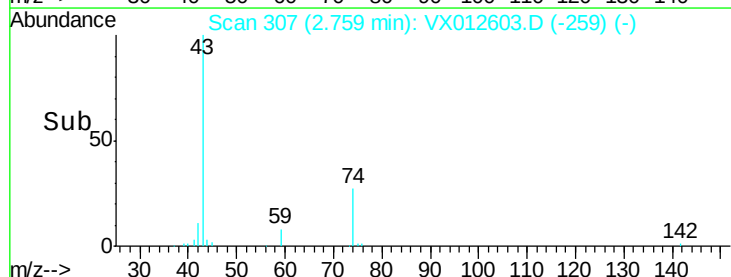
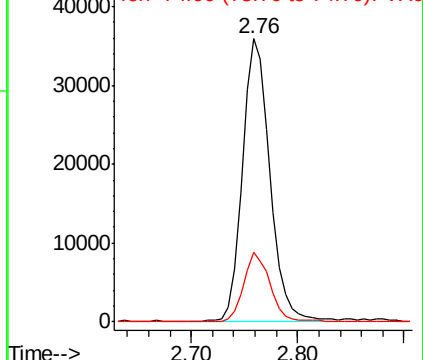
43 100

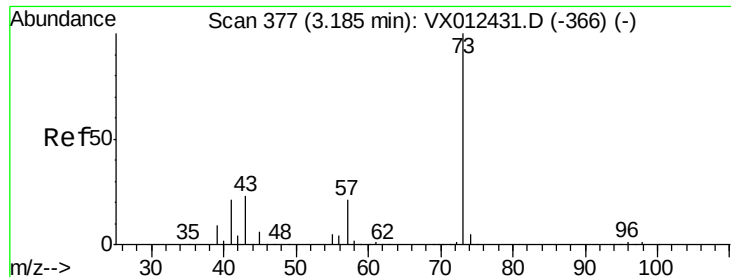
74 23.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

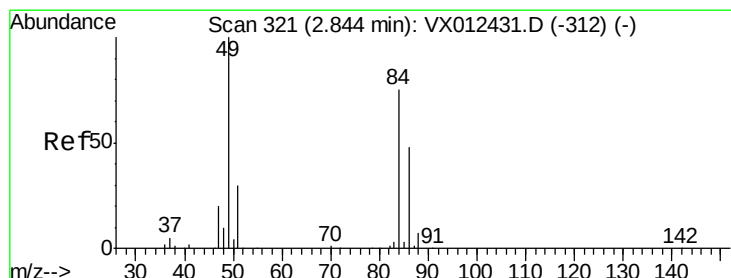
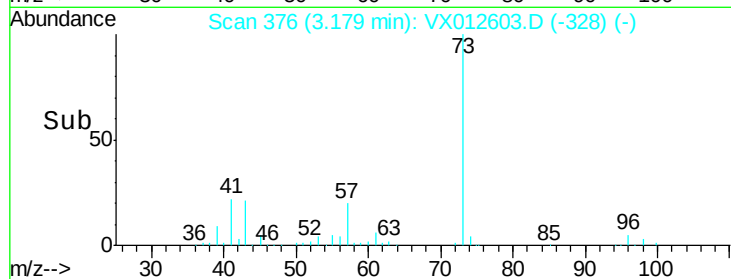
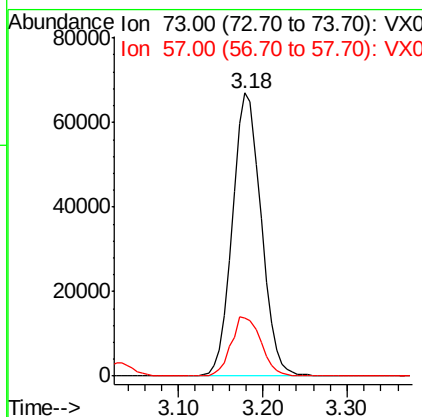
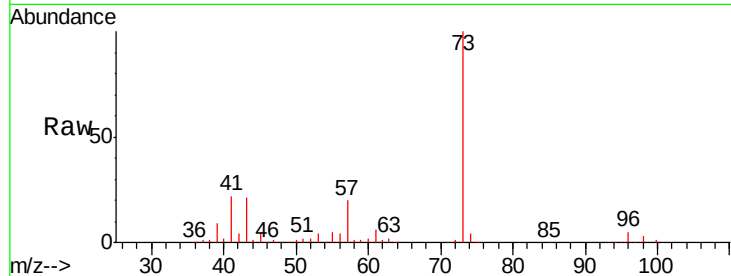




#19
Methyl tert-butyl Ether
Concen: 16.600 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

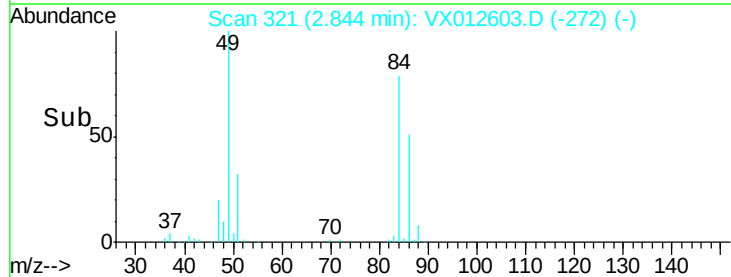
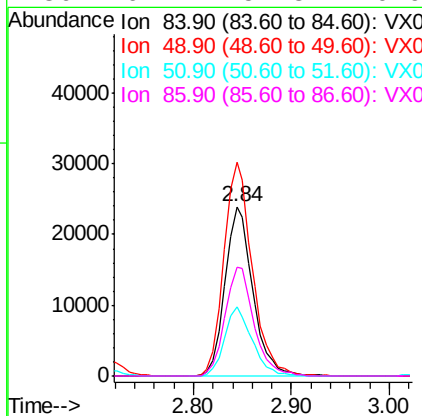
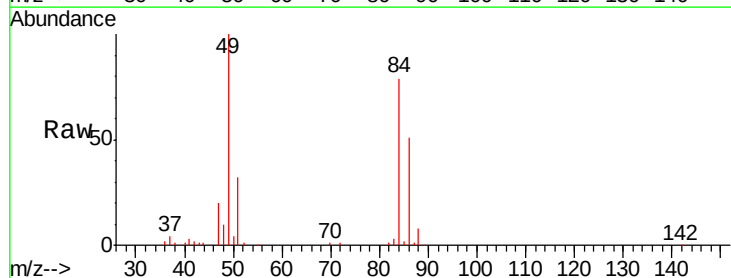
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

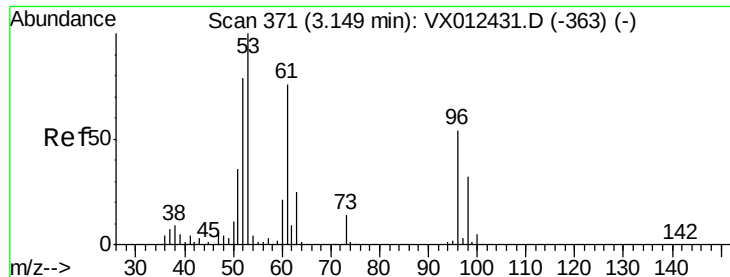
Tgt Ion: 73 Resp: 154653
Ion Ratio Lower Upper
73 100
57 20.3 16.8 25.2



#20
Methylene Chloride
Concen: 15.781 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion: 84 Resp: 47131
Ion Ratio Lower Upper
84 100
49 125.9 106.8 160.2
51 40.6 32.3 48.5
86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.732 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

VX0923WBS01

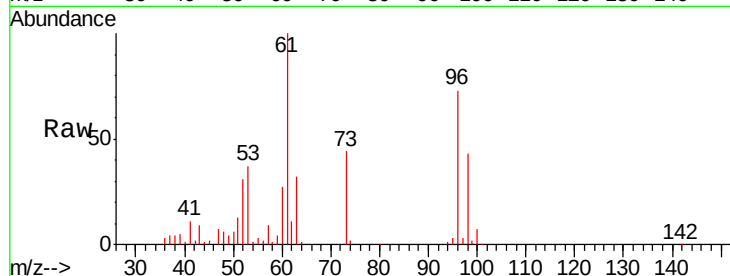
Tgt Ion: 96 Resp: 45625

Ion Ratio Lower Upper

96 100

61 136.9 112.0 168.0

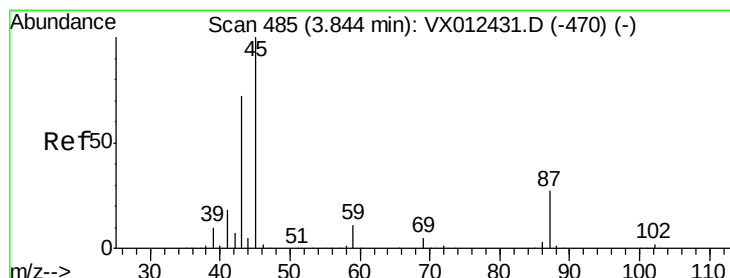
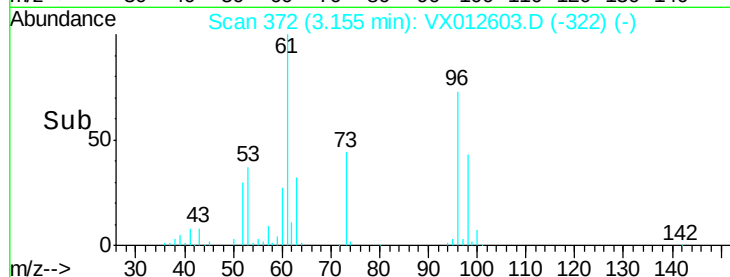
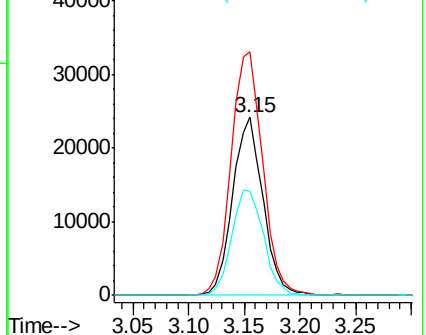
98 58.3 47.8 71.8



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: 16.330 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Tgt Ion: 45 Resp: 154087

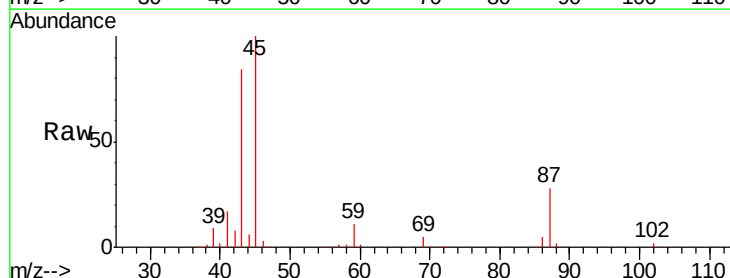
Ion Ratio Lower Upper

45 100

43 84.1 57.8 86.8

87 27.9 21.3 31.9

59 11.1 8.5 12.7

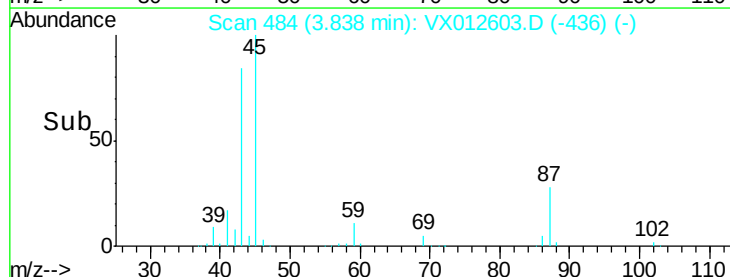
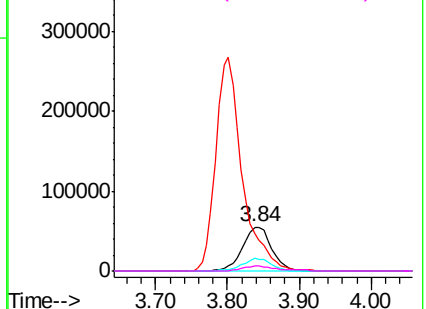


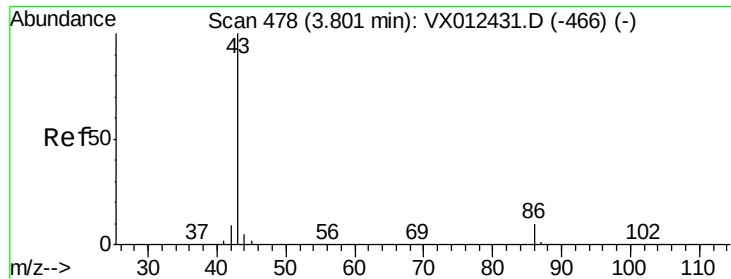
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 82.605 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

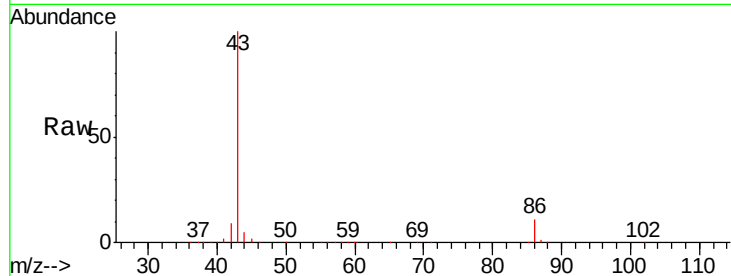
VX0923WBS01

Tgt Ion: 43 Resp: 683543

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

250000

200000

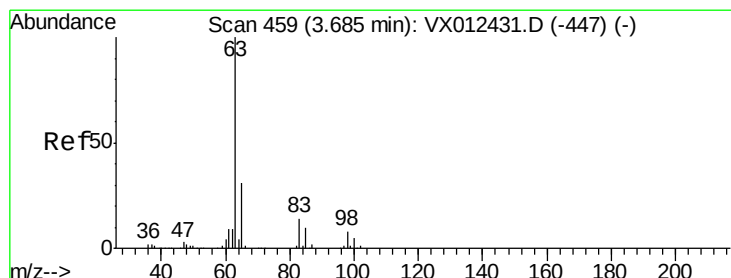
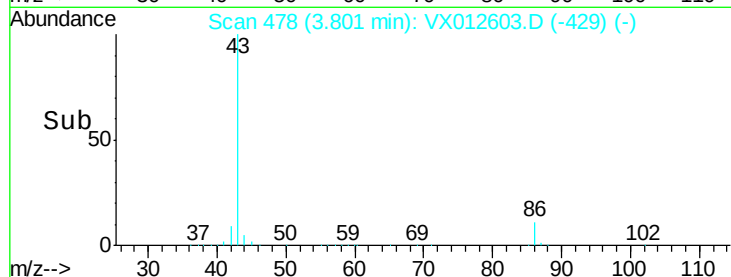
150000

100000

50000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 16.318 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

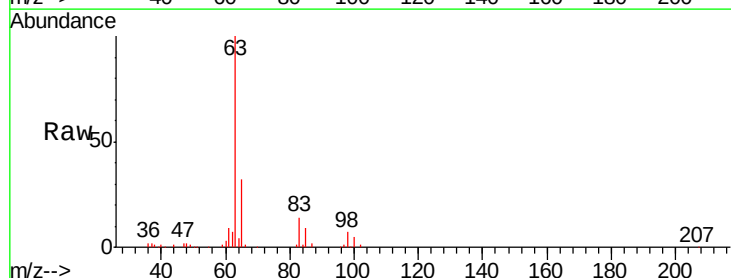
Tgt Ion: 63 Resp: 83696

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.6 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

40000

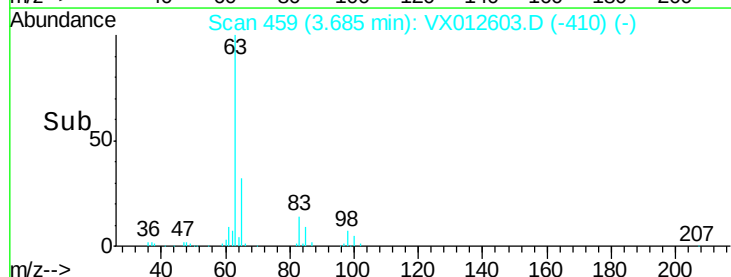
30000

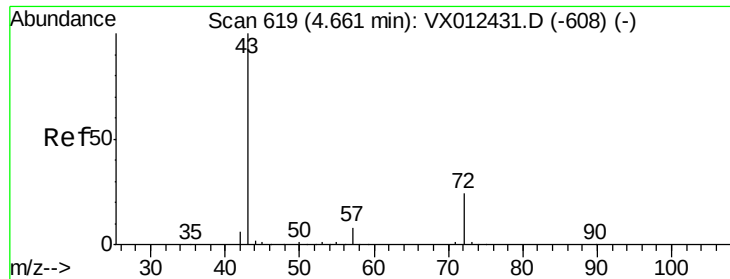
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 81.930 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

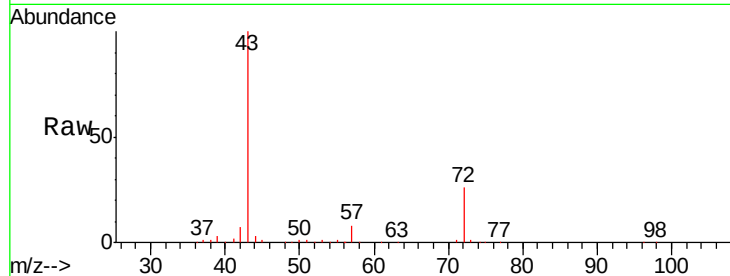
VX0923WBS01

Tgt Ion: 43 Resp: 207431

Ion Ratio Lower Upper

43 100

72 26.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

80000

60000

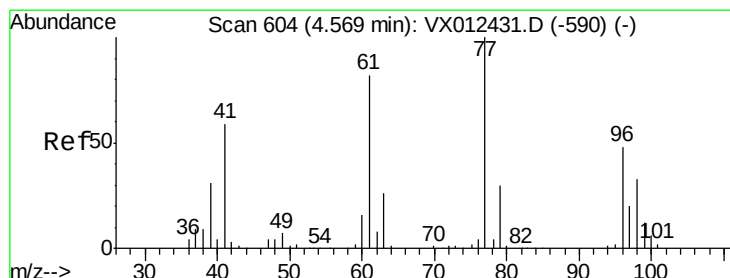
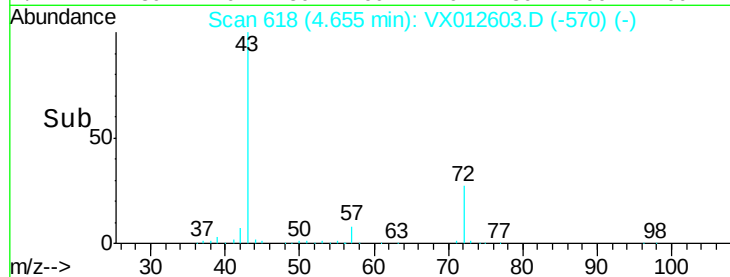
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.770 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012603.D

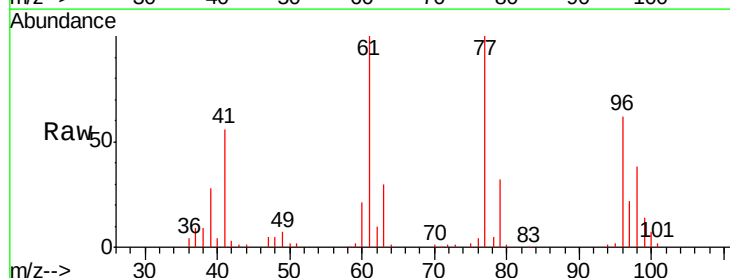
Acq: 23 Sep 2019 14:47

Tgt Ion: 77 Resp: 76501

Ion Ratio Lower Upper

77 100

97 22.1 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

30000

25000

20000

15000

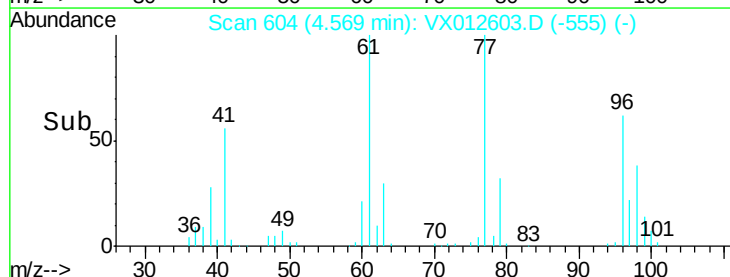
10000

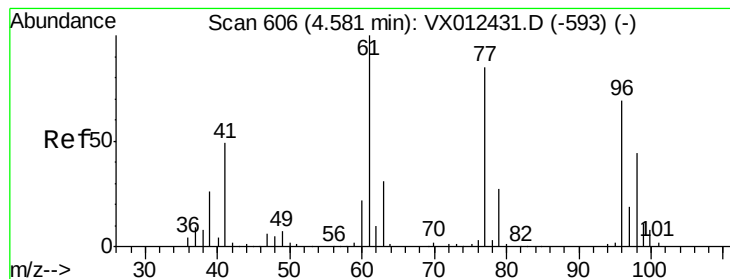
5000

0

4.40 4.50 4.60 4.70

Time-->



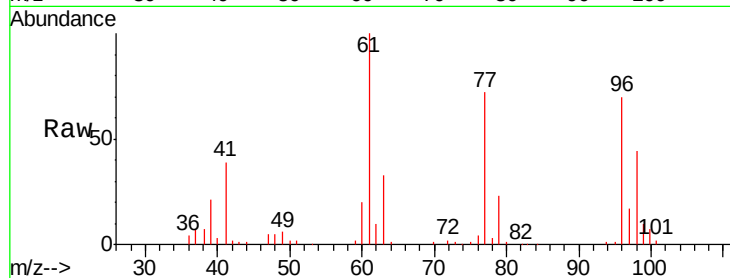


#27

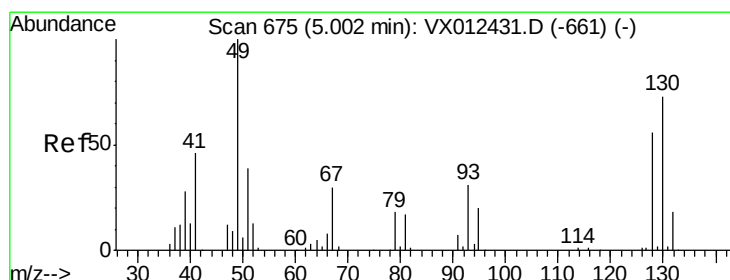
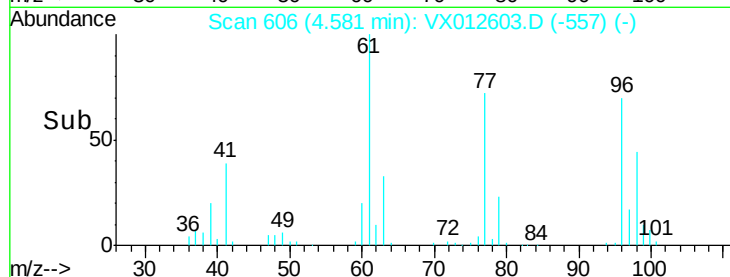
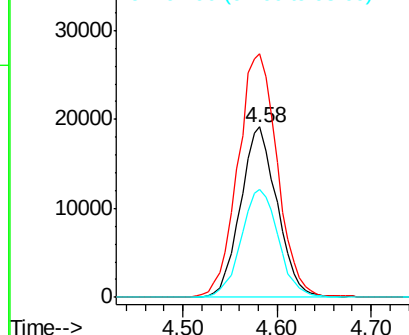
cis-1,2-Dichloroethene
Concen: 16.391 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

Tgt Ion: 96 Resp: 51862
Ion Ratio Lower Upper
96 100
61 154.3 0.0 319.4
98 64.4 0.0 130.6



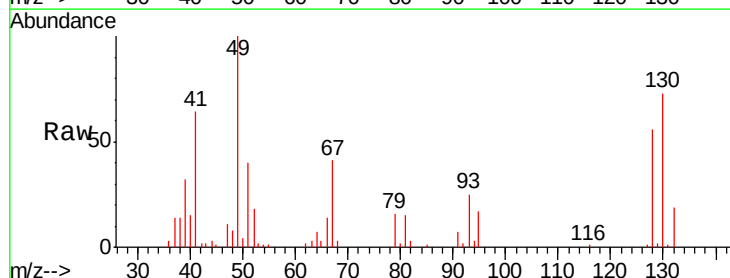
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



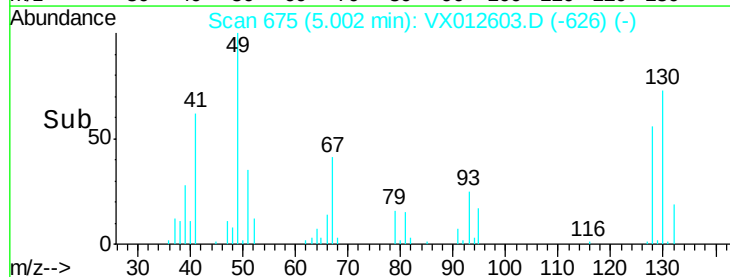
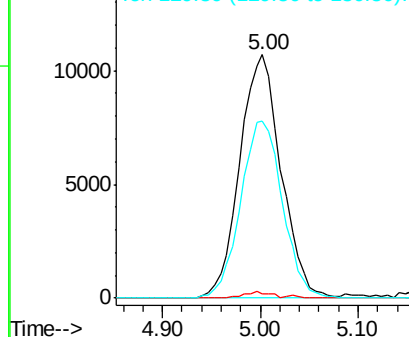
#28

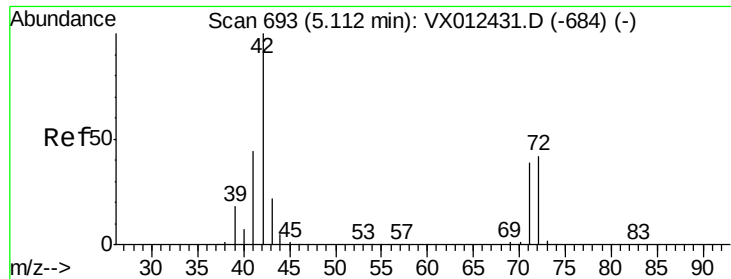
Bromochloromethane
Concen: 16.845 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion: 49 Resp: 31372
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 73.5 58.2 87.4



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: 80.209 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

VX0923WBS01

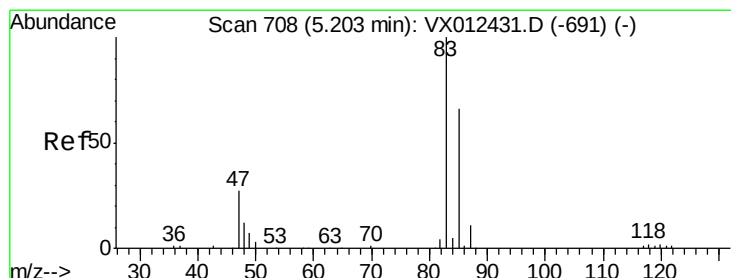
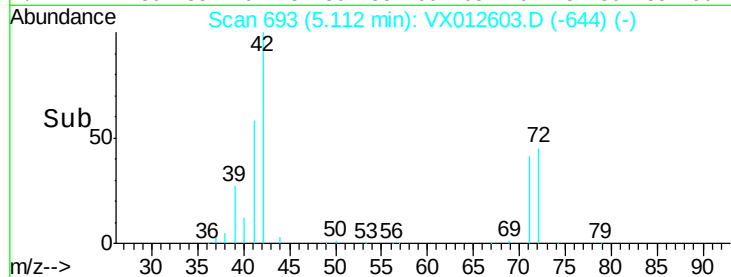
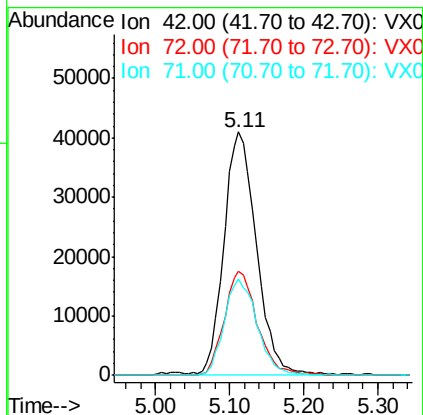
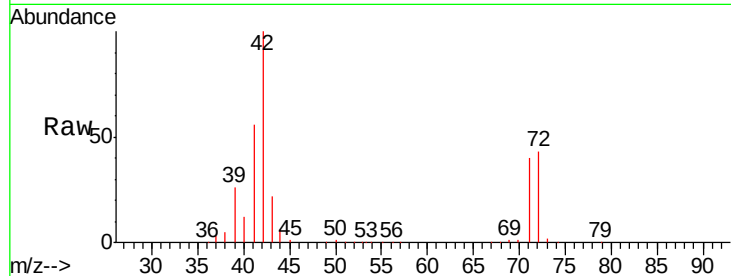
Tgt Ion: 42 Resp: 123775

Ion Ratio Lower Upper

42 100

72 44.1 34.0 51.0

71 40.5 31.5 47.3



#30

Chloroform

Concen: 16.381 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX012603.D

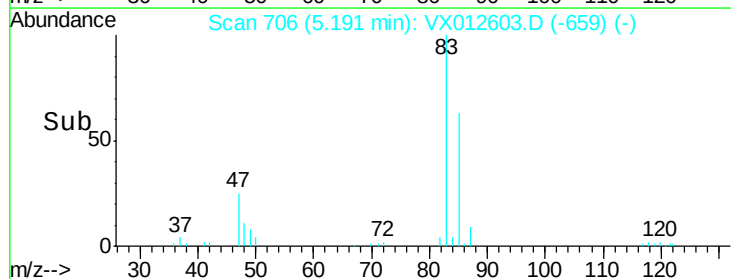
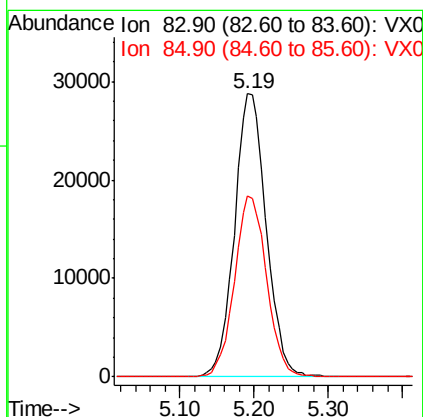
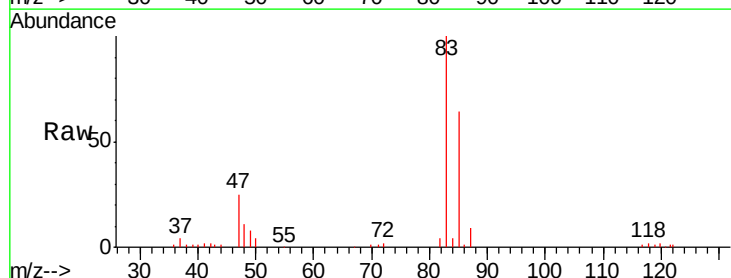
Acq: 23 Sep 2019 14:47

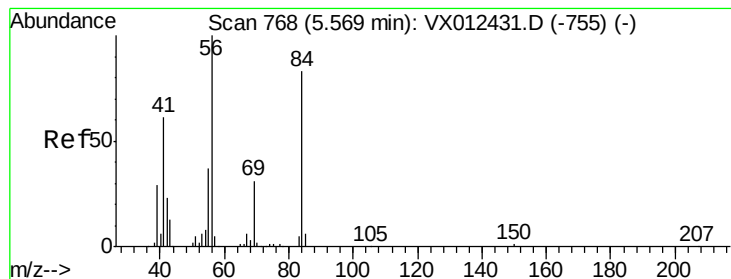
Tgt Ion: 83 Resp: 85962

Ion Ratio Lower Upper

83 100

85 64.1 53.0 79.4





#31

Cyclohexane

Concen: 17.139 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

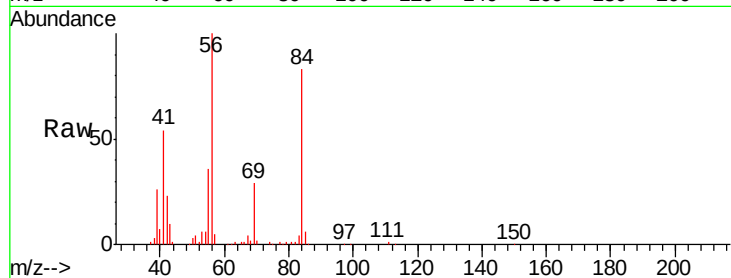
Tgt Ion: 56 Resp: 79530

Ion Ratio Lower Upper

56 100

69 29.0 25.0 37.6

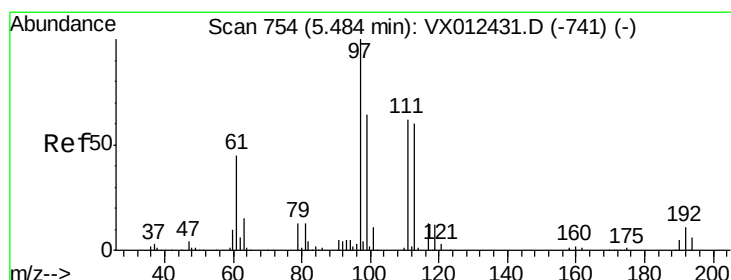
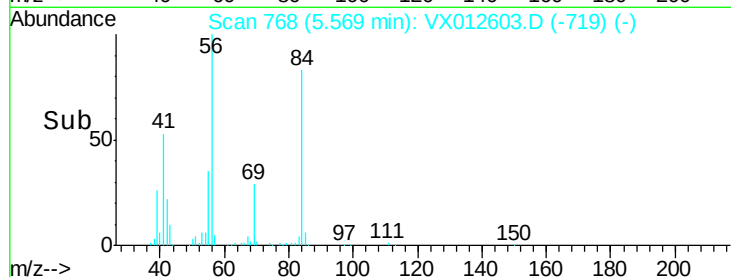
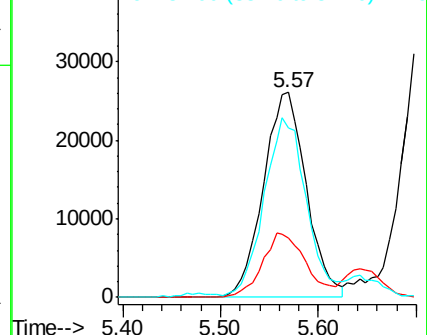
84 81.2 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 16.348 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

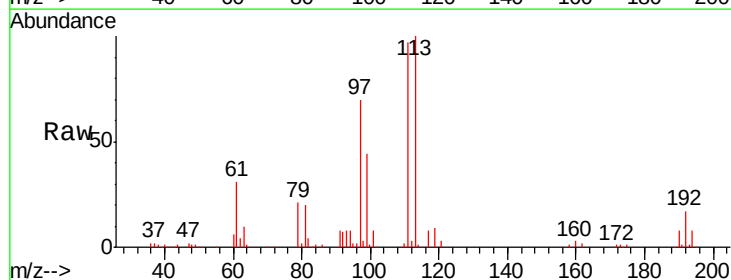
Tgt Ion: 97 Resp: 76031

Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

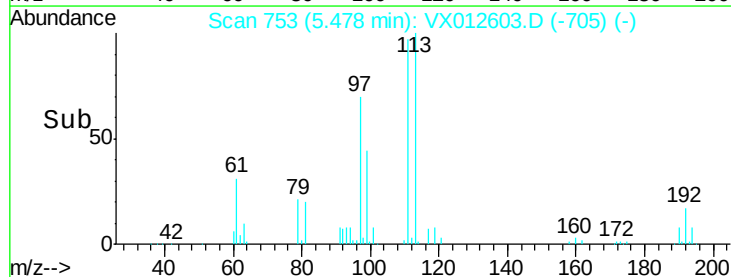
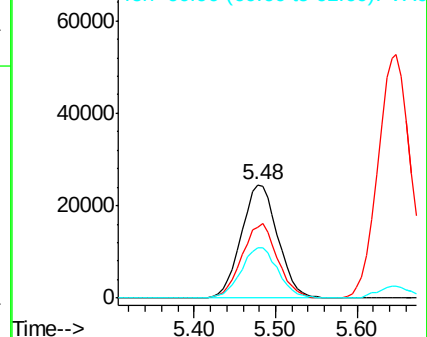
61 44.9 36.1 54.1

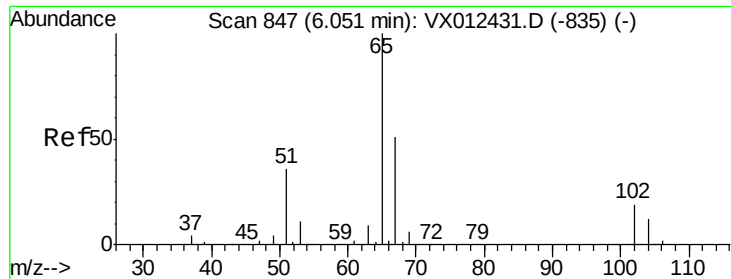


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

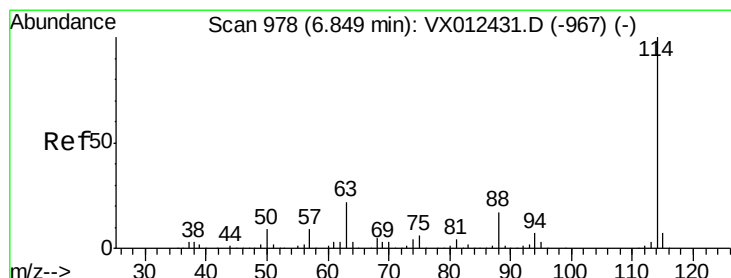
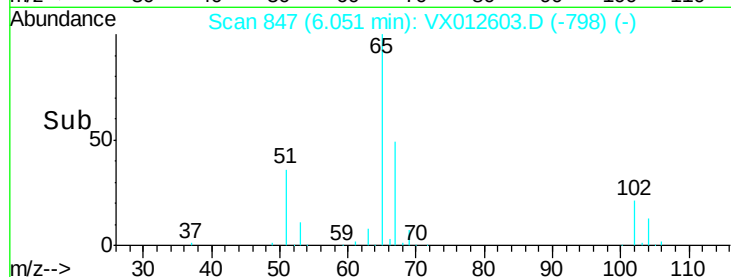
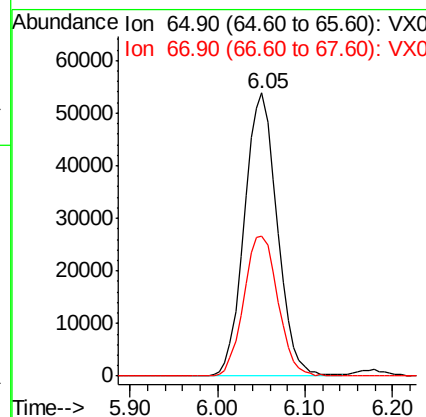
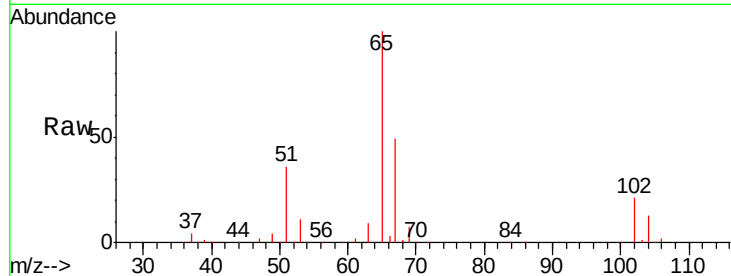




#33
 1,2-Dichloroethane-d4
 Concen: 42.128 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

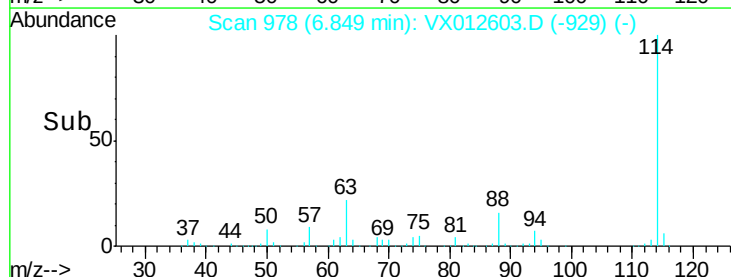
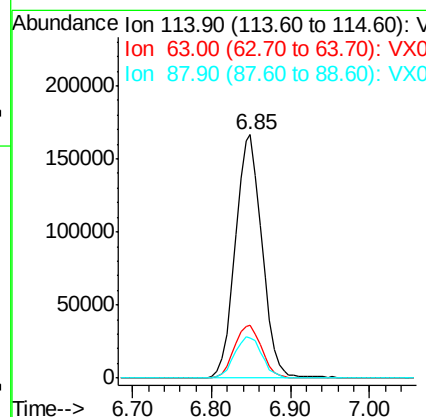
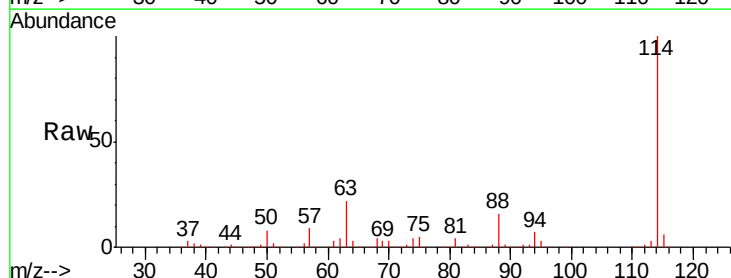
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS01

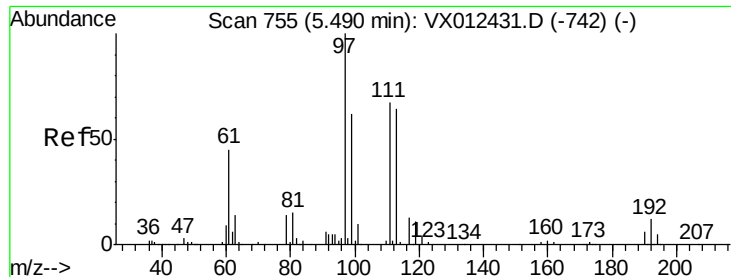
Tgt Ion: 65 Resp: 140439
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion: 114 Resp: 391314
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.874 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

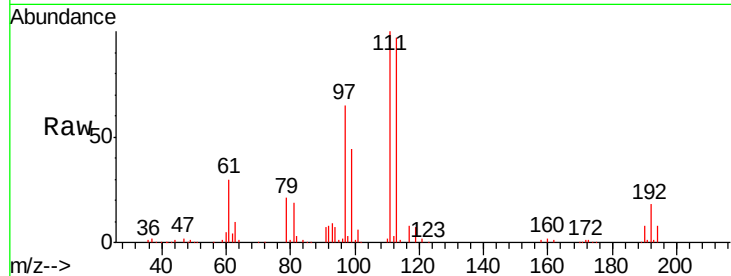
Tgt Ion:113 Resp: 104577

Ion Ratio Lower Upper

113 100

111 101.2 83.4 125.2

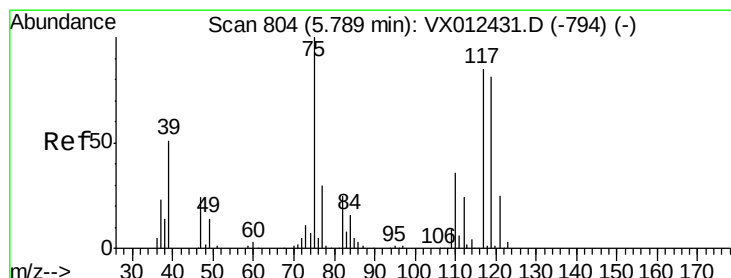
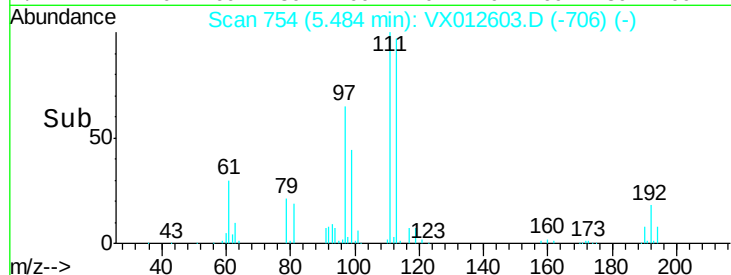
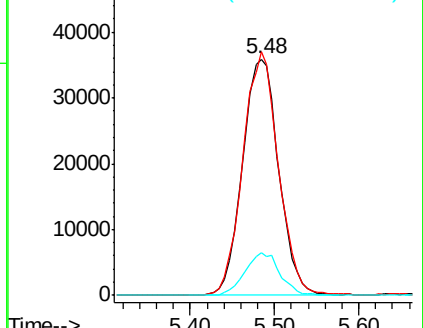
192 17.3 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.980 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

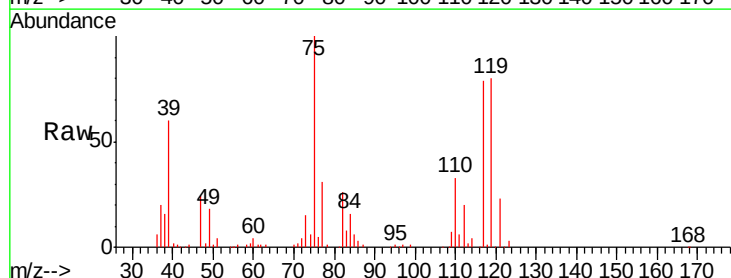
Tgt Ion: 75 Resp: 64045

Ion Ratio Lower Upper

75 100

110 34.6 16.7 50.0

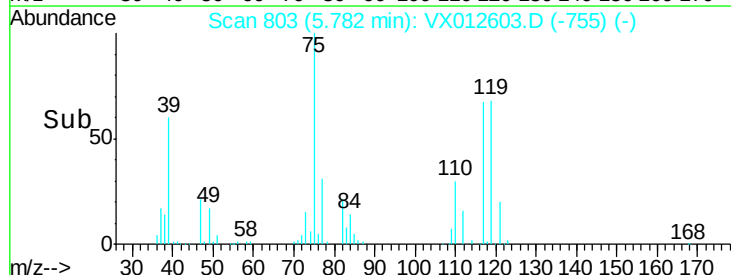
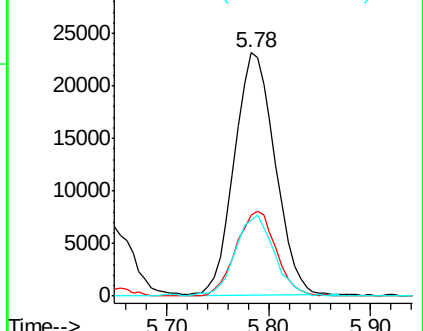
77 32.1 24.2 36.2

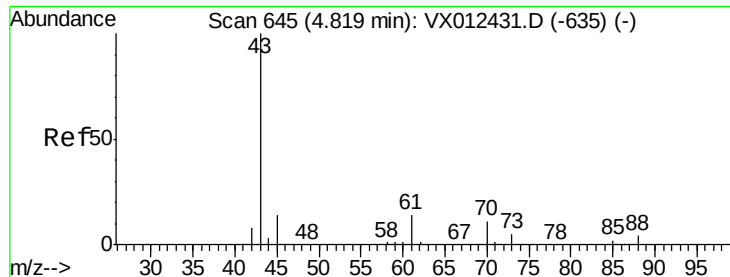


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

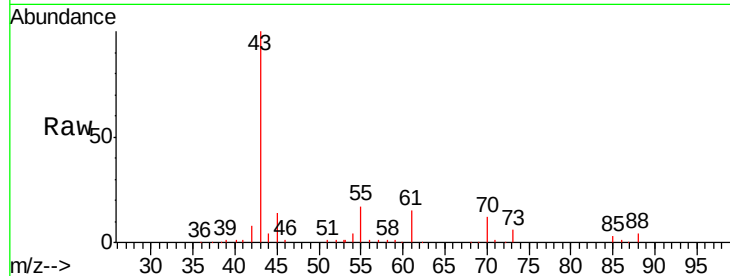




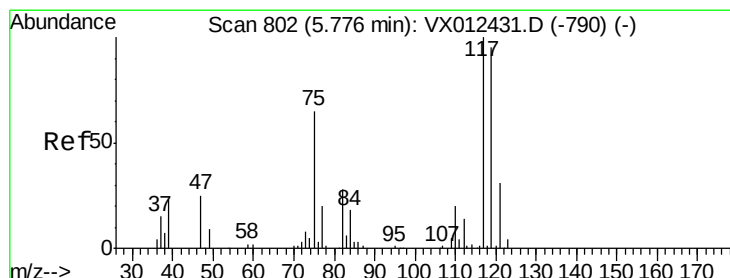
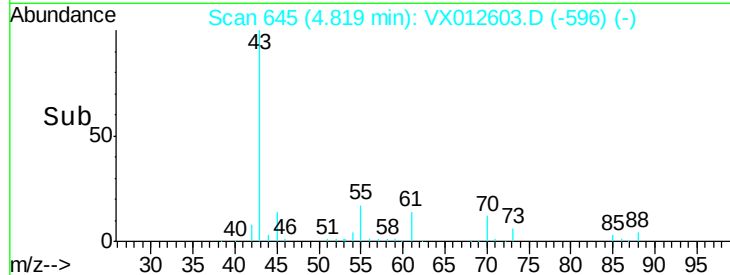
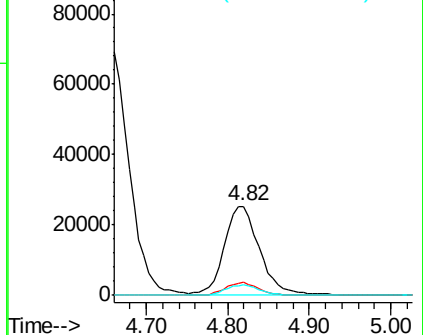
#37
Ethyl Acetate
Concen: 16.868 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampled :
VX0923WBS01

Tgt Ion: 43 Resp: 74381
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.4
70 11.6 8.7 13.1

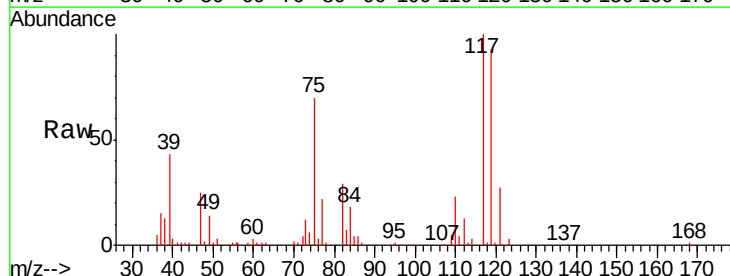


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

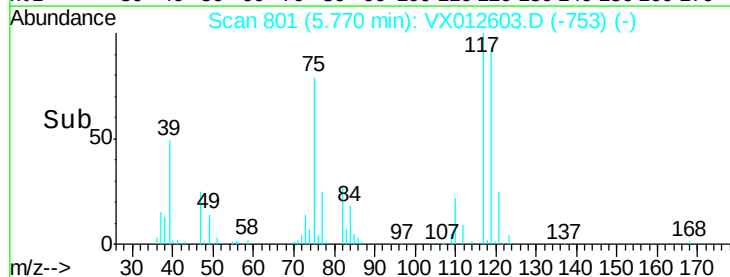
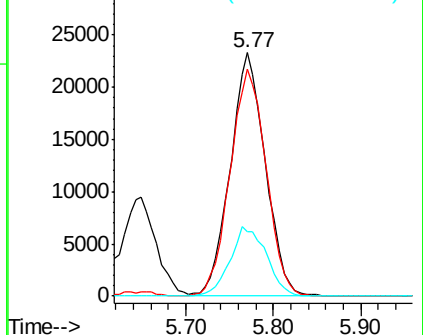


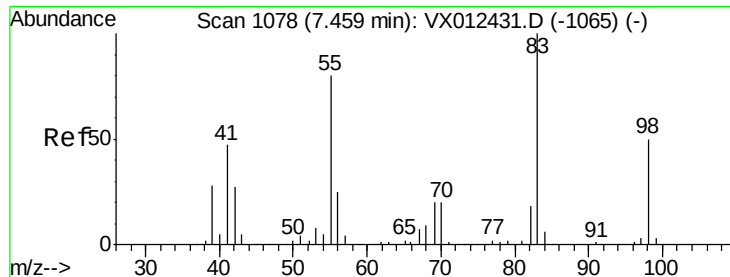
#38
Carbon Tetrachloride
Concen: 16.942 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion: 117 Resp: 64914
Ion Ratio Lower Upper
117 100
119 93.3 75.7 113.5
121 26.5 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

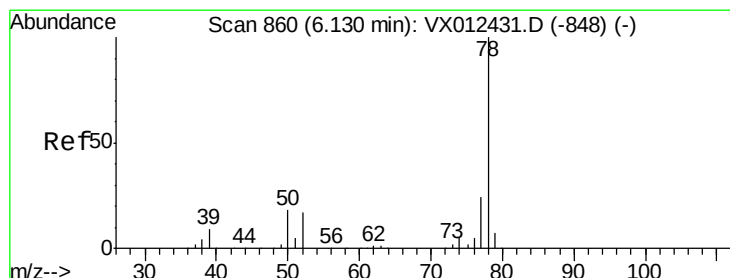
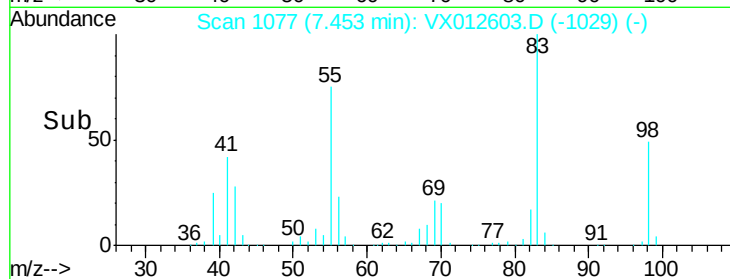
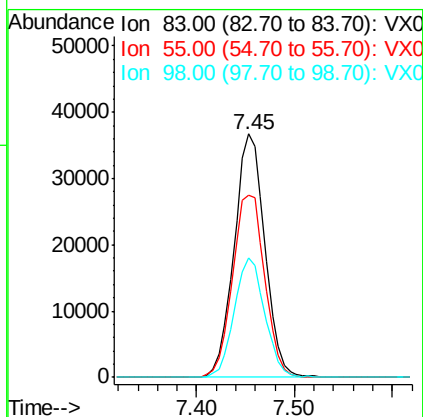
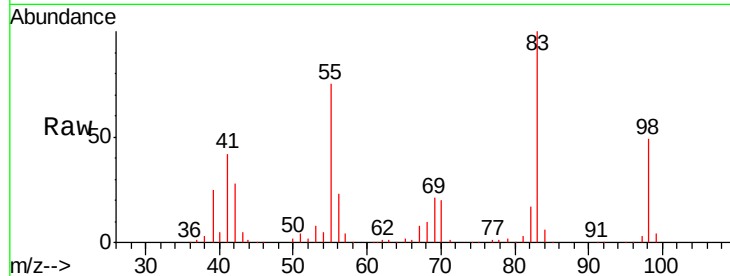




#39
Methylcyclohexane
Concen: 17.607 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

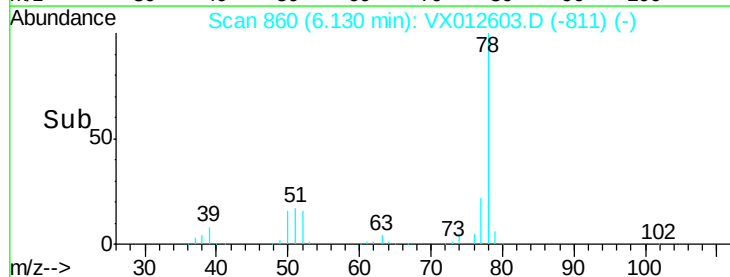
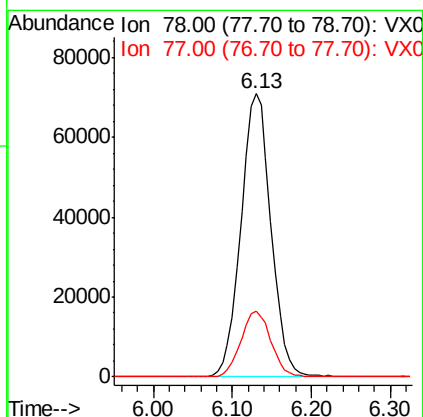
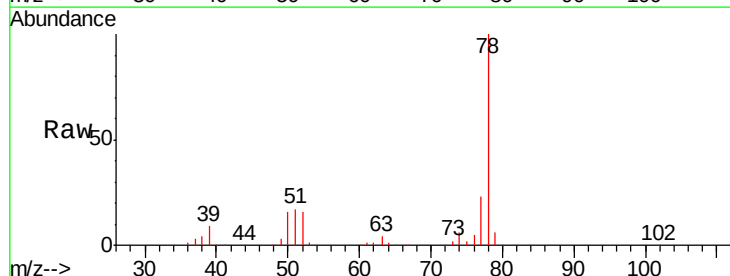
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

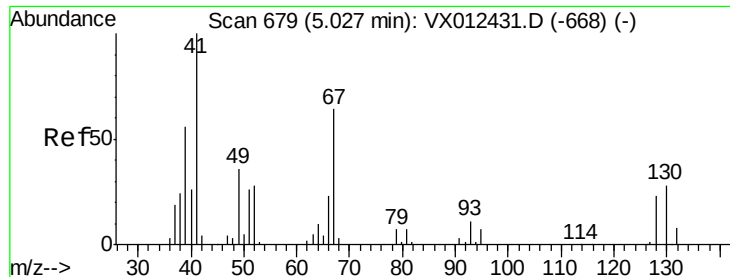
Tgt Ion: 83 Resp: 79949
Ion Ratio Lower Upper
83 100
55 74.9 64.4 96.6
98 49.2 40.1 60.1



#40
Benzene
Concen: 16.896 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion: 78 Resp: 187514
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8





#41

Methacrylonitrile

Concen: 16.563 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

VX0923WBS01

Tgt Ion: 41 Resp: 40978

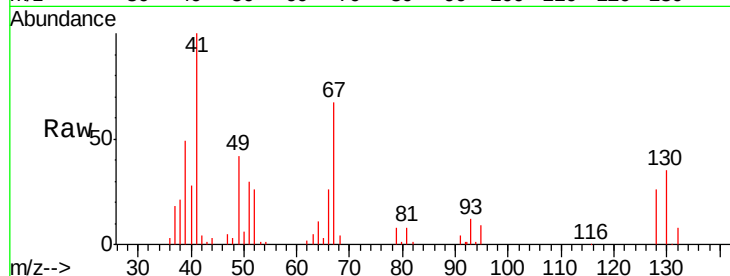
Ion Ratio Lower Upper

41 100

39 54.5 46.0 69.0

67 68.4 52.2 78.2

52 31.3 22.7 34.1

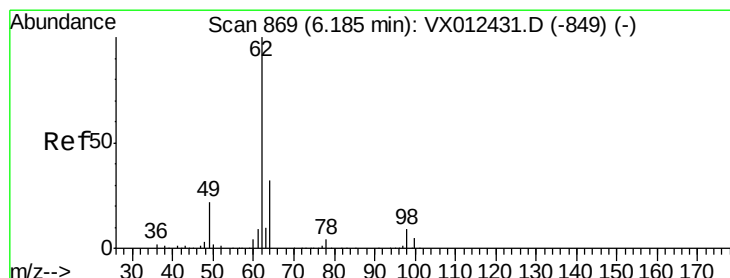
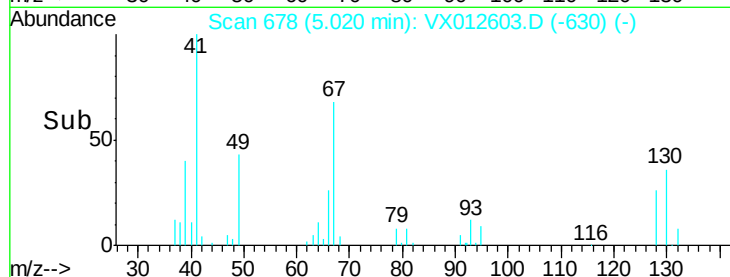
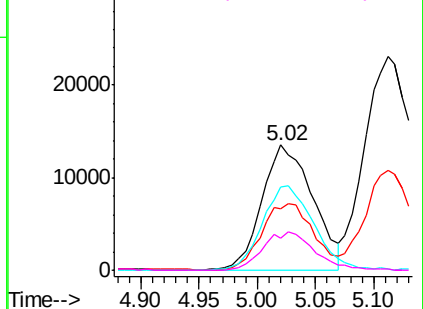


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.026 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012603.D

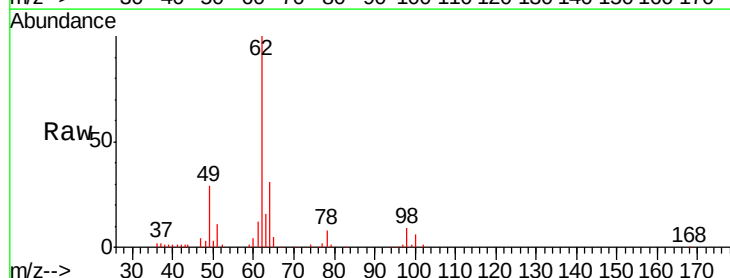
Acq: 23 Sep 2019 14:47

Tgt Ion: 62 Resp: 71753

Ion Ratio Lower Upper

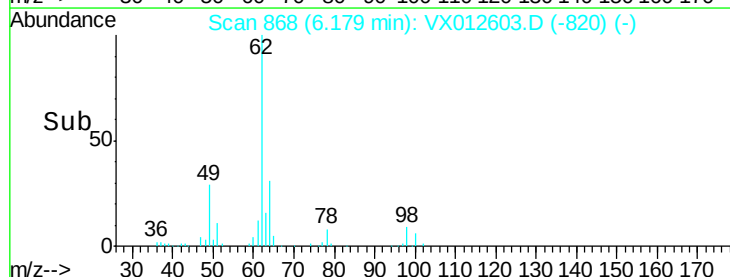
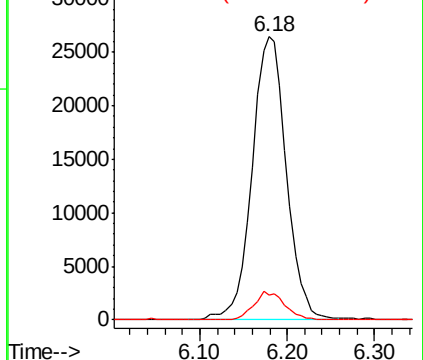
62 100

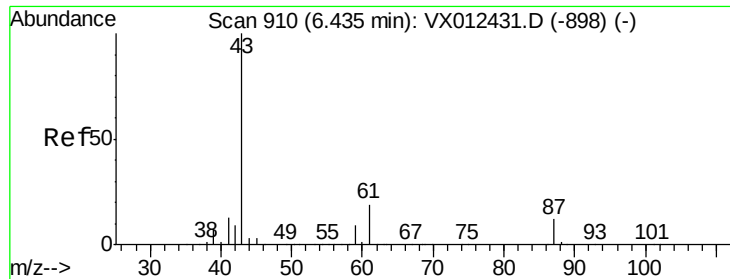
98 8.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 16.552 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

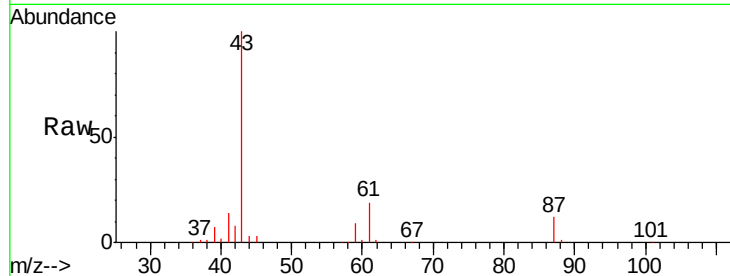
Tgt Ion: 43 Resp: 122060

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0

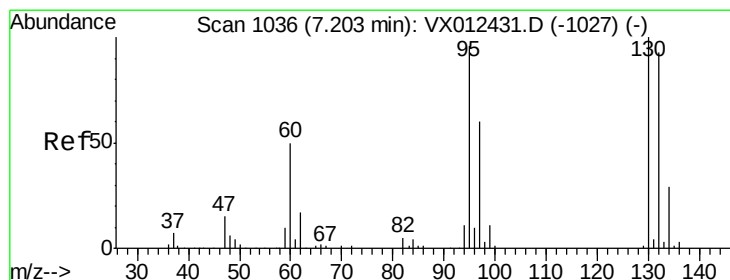
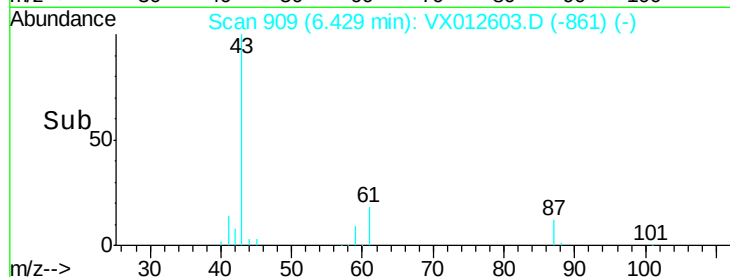
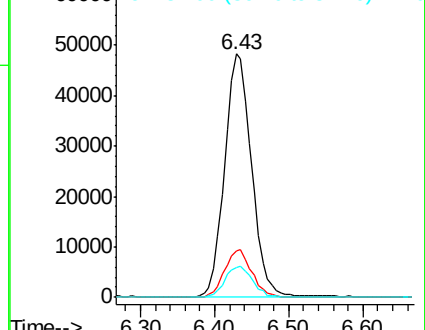
87 12.9 9.8 14.8



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: 16.944 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012603.D

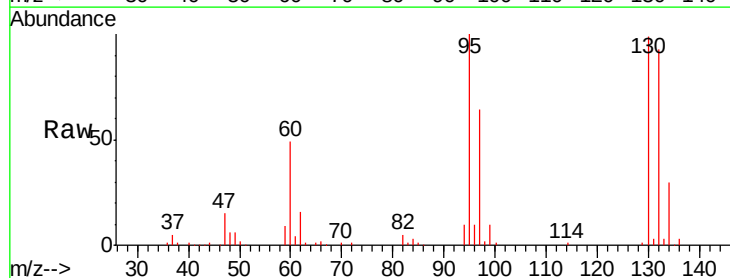
Acq: 23 Sep 2019 14:47

Tgt Ion: 130 Resp: 48072

Ion Ratio Lower Upper

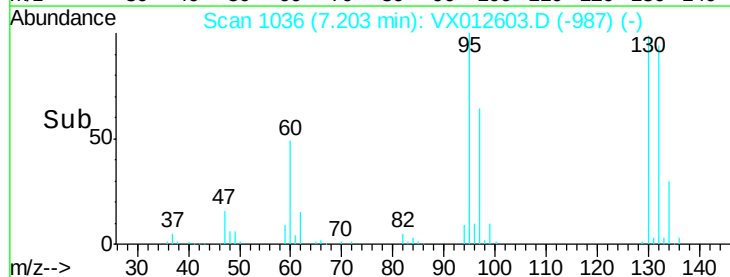
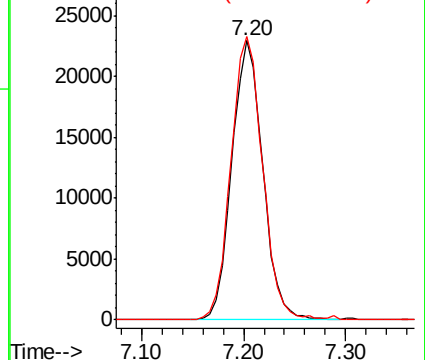
130 100

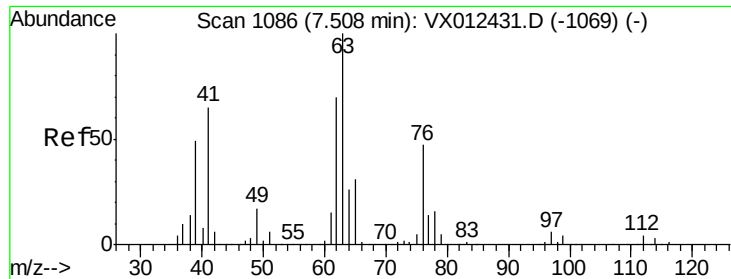
95 101.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

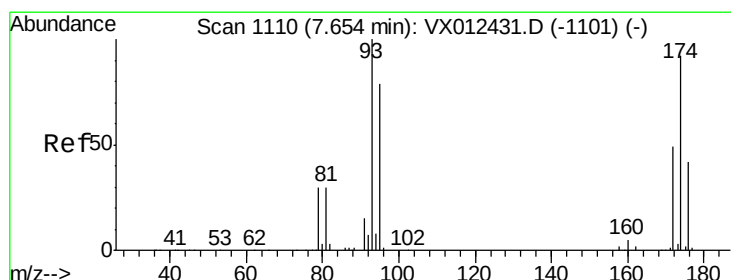
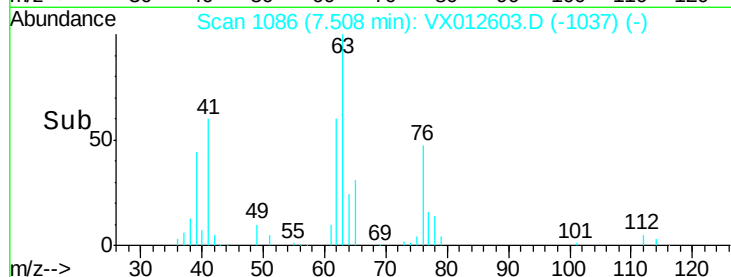
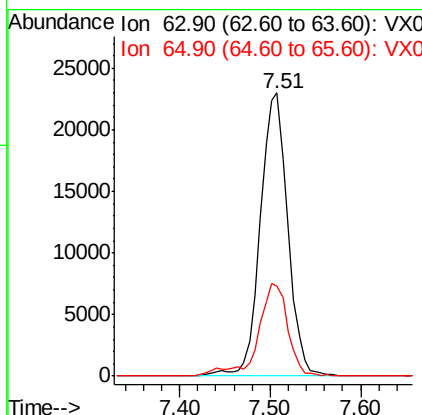
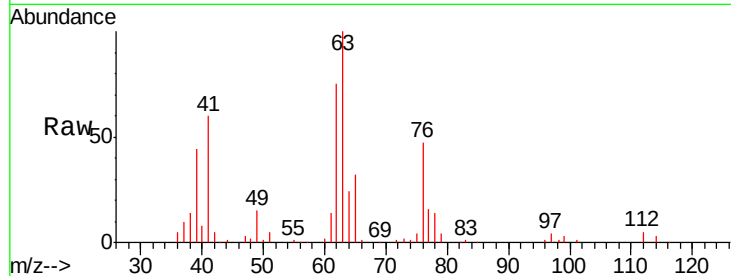




#45
 1,2-Dichloropropane
 Concen: 16.914 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

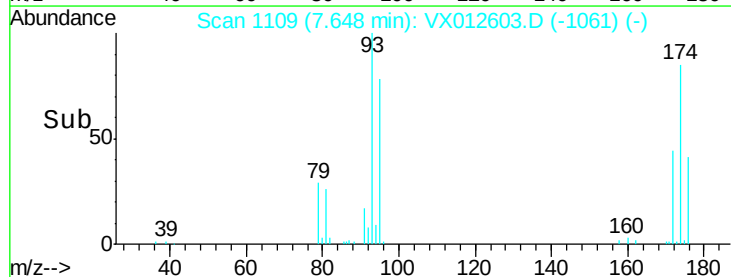
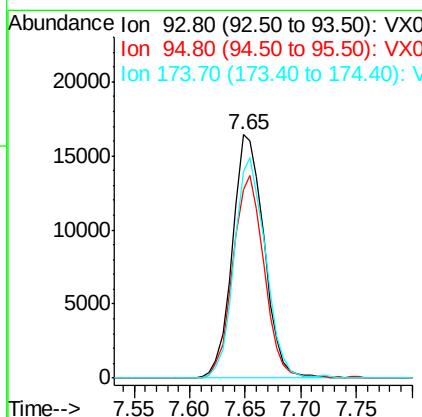
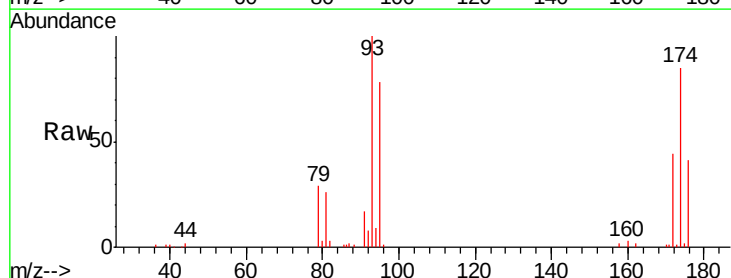
Instrument :
 MSVOA_X
 ClientSampled :
 VX0923WBS01

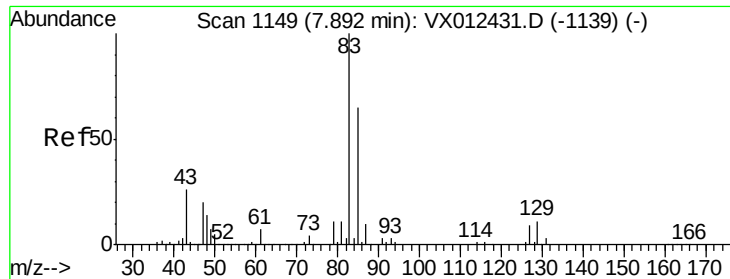
Tgt Ion: 63 Resp: 48057
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.6



#46
 Dibromomethane
 Concen: 16.711 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion: 93 Resp: 32327
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 100.0
 174 89.3 77.4 116.0





#47

Bromodichloromethane

Concen: 16.776 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

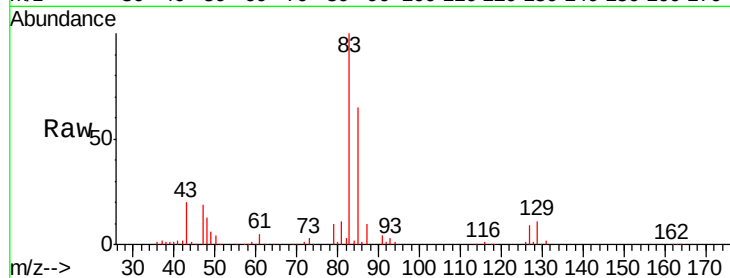
Tgt Ion: 83 Resp: 64863

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6

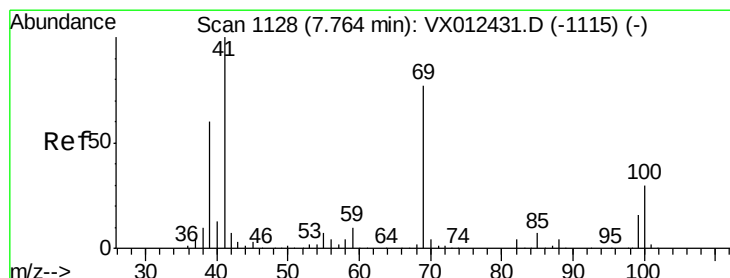
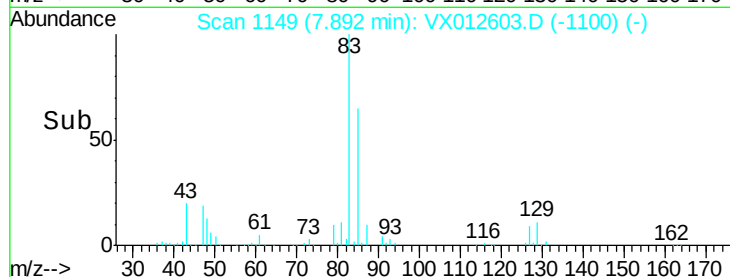
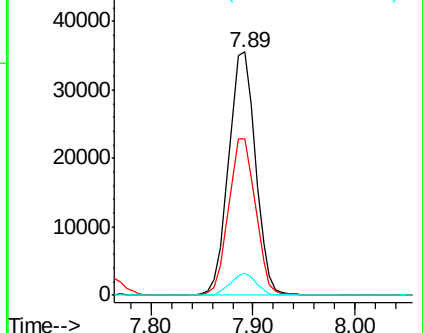
127 9.0 7.3 10.9



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: 16.212 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

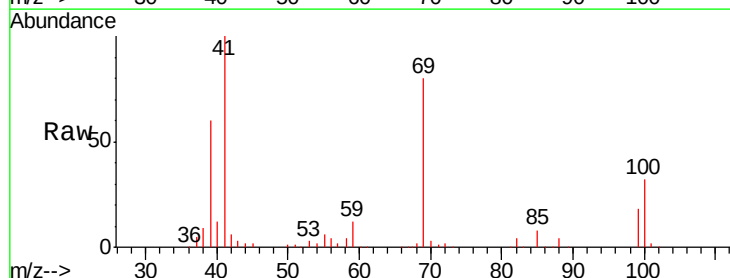
Tgt Ion: 41 Resp: 57324

Ion Ratio Lower Upper

41 100

69 79.5 59.9 89.9

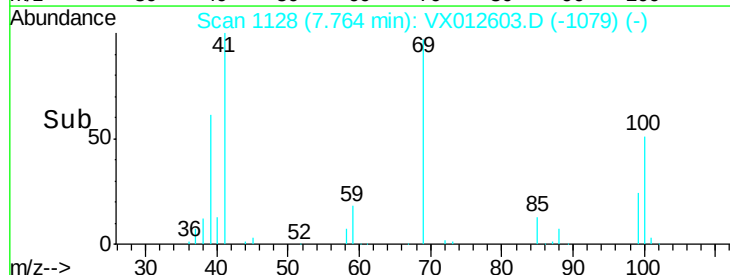
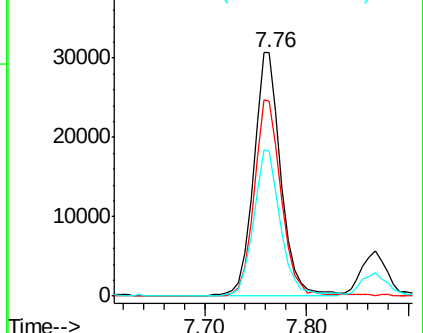
39 59.5 47.8 71.6

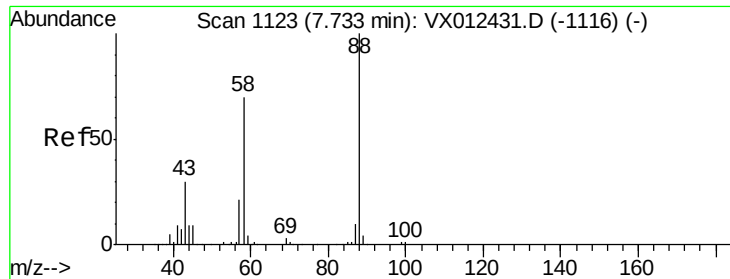


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

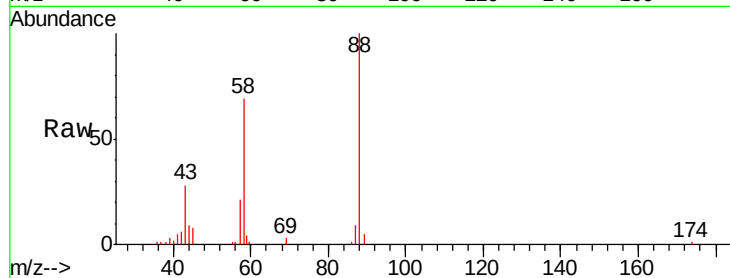




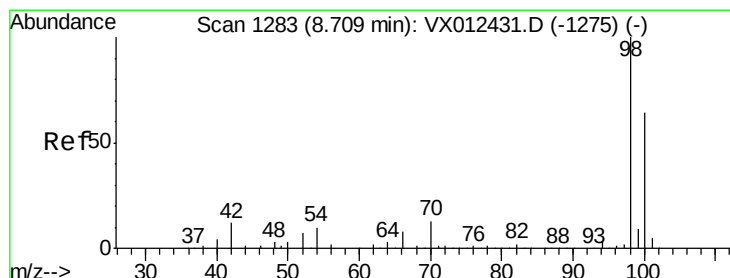
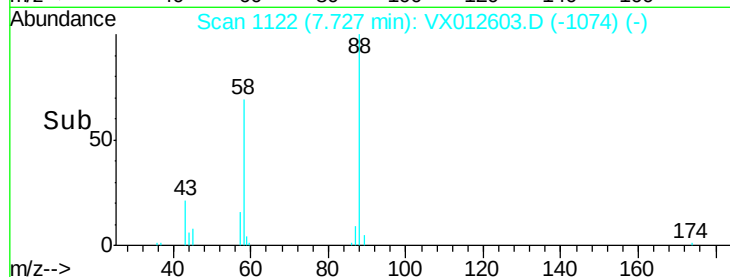
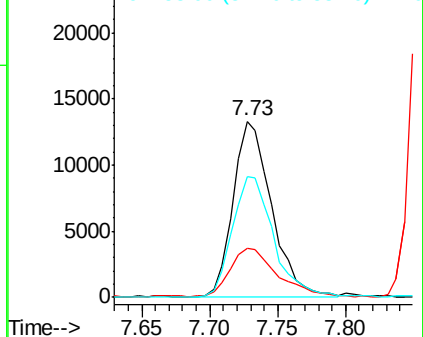
#49
1,4-Dioxane
Concen: 329.231 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

Tgt Ion: 88 Resp: 26405
Ion Ratio Lower Upper
88 100
43 34.8 29.4 44.0
58 73.9 57.5 86.3

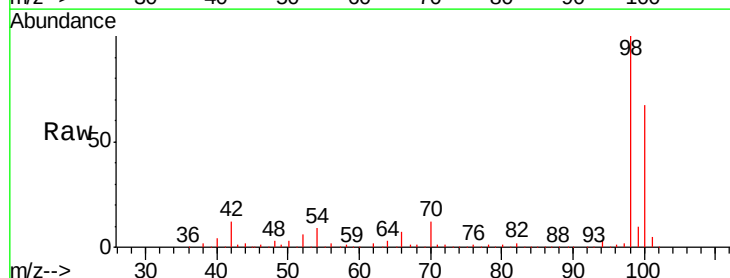


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

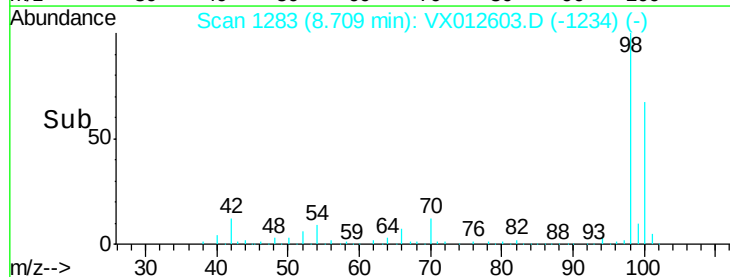
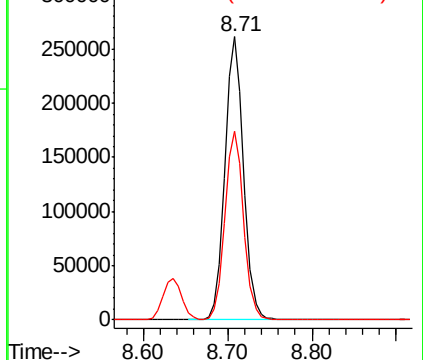


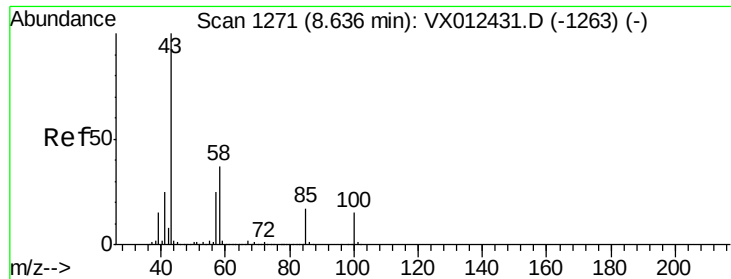
#50
Toluene-d8
Concen: 44.306 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion: 98 Resp: 397636
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2



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

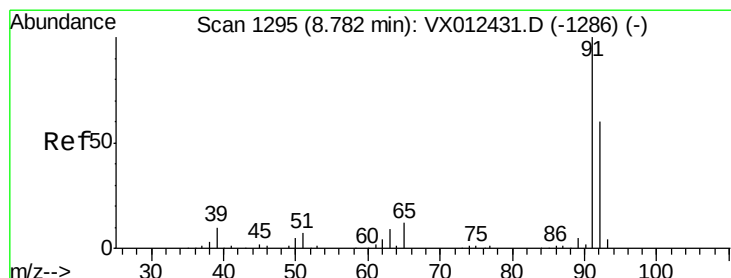
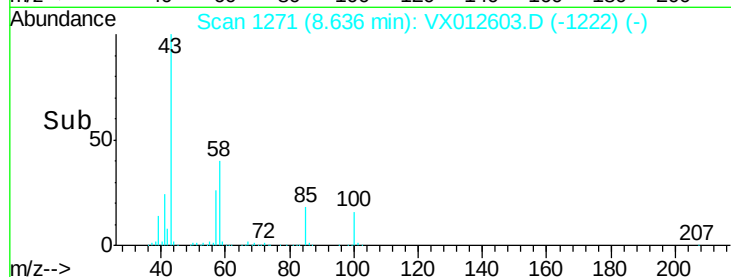
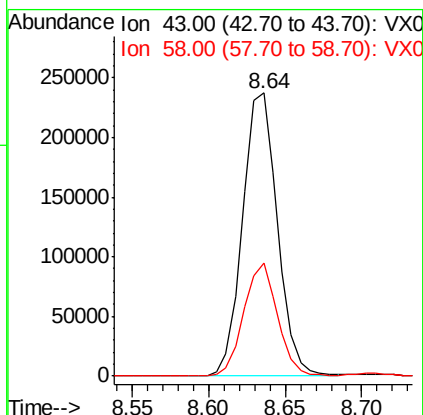
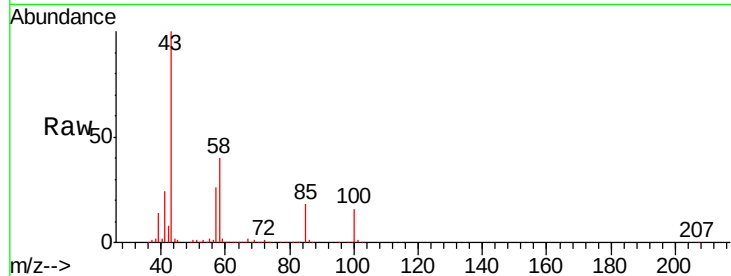




#51
 4-Methyl-2-Pentanone
 Concen: 82.653 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

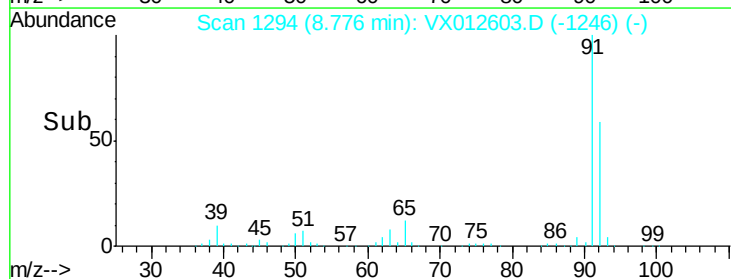
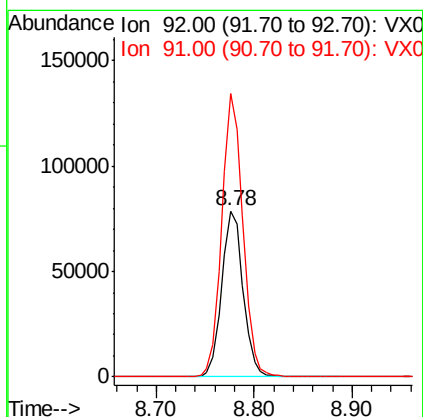
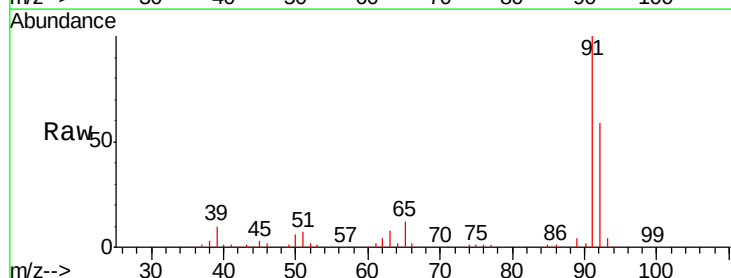
Instrument :
 MSVOA_X
 ClientSampled :
 VX0923WBS01

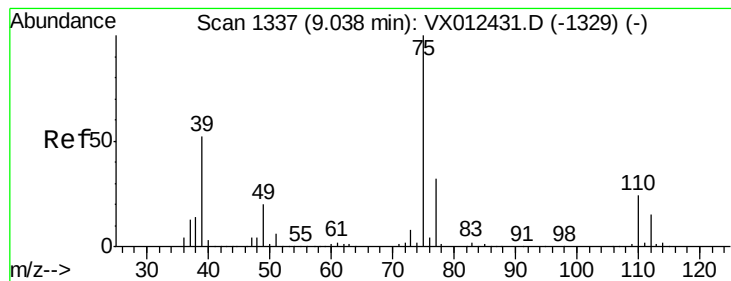
Tgt Ion: 43 Resp: 376242
 Ion Ratio Lower Upper
 43 100
 58 38.6 29.8 44.6



#52
 Toluene
 Concen: 17.175 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion: 92 Resp: 119797
 Ion Ratio Lower Upper
 92 100
 91 168.2 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 16.956 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

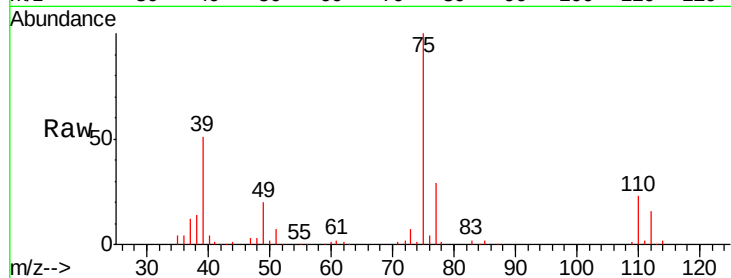
VX0923WBS01

Tgt Ion: 75 Resp: 72533

Ion Ratio Lower Upper

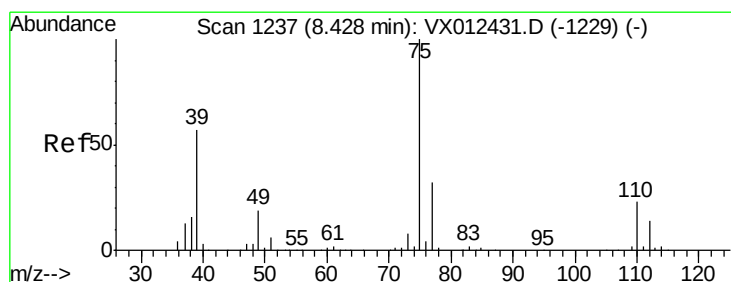
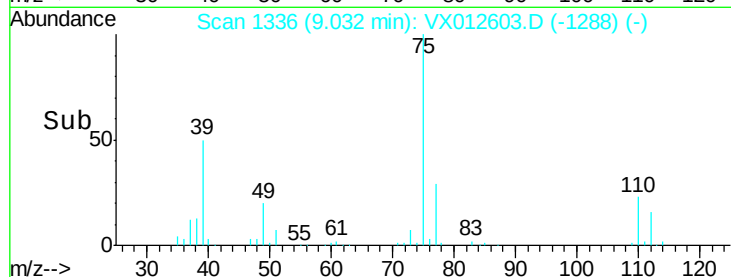
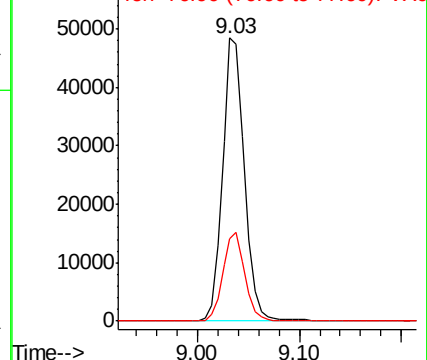
75 100

77 29.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.988 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

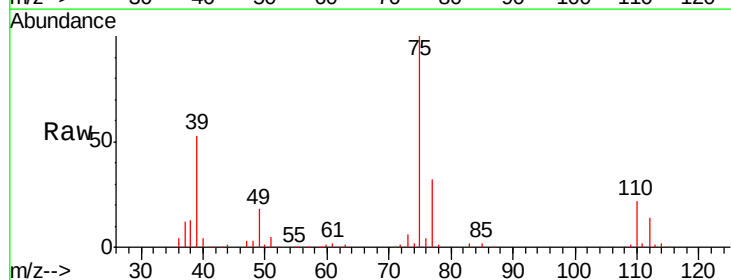
Tgt Ion: 75 Resp: 79344

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

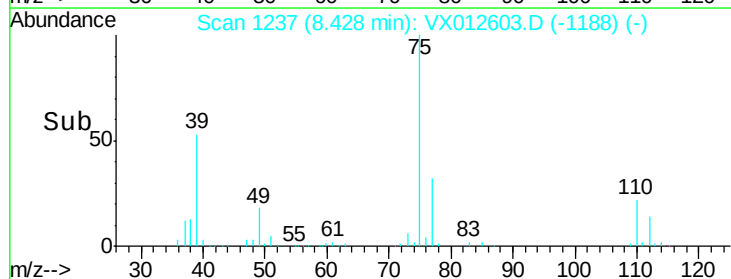
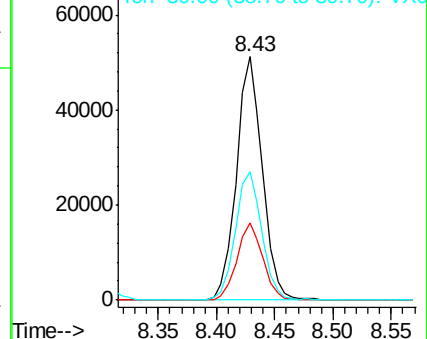
39 52.7 45.5 68.3

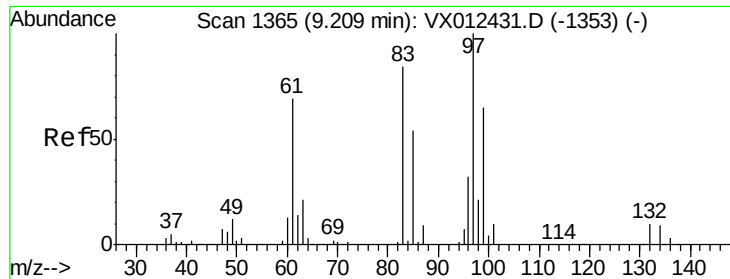


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

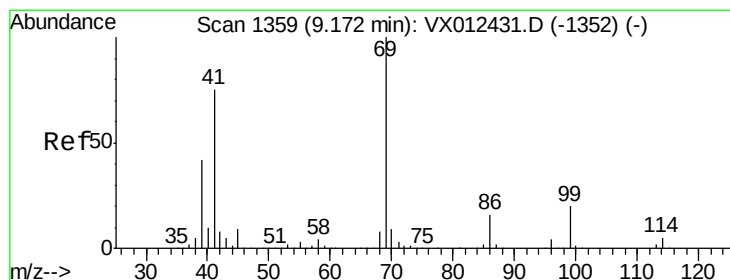
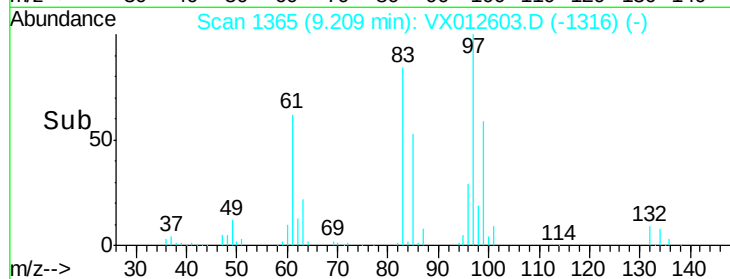
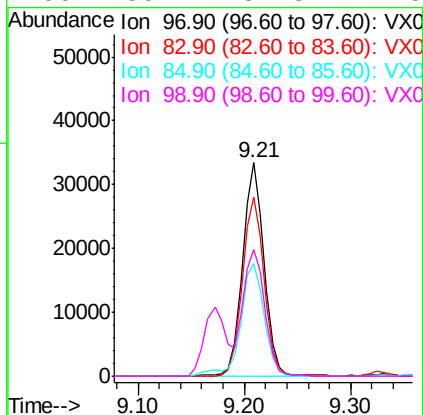
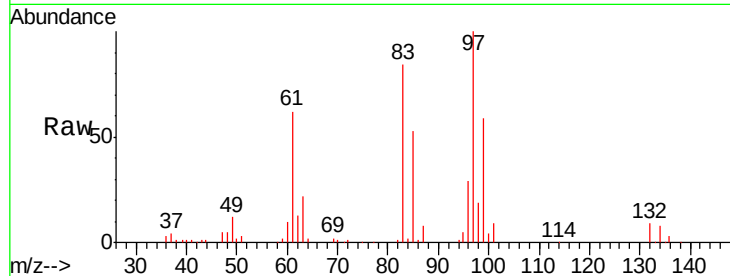




#55
 1,1,2-Trichloroethane
 Concen: 17.038 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

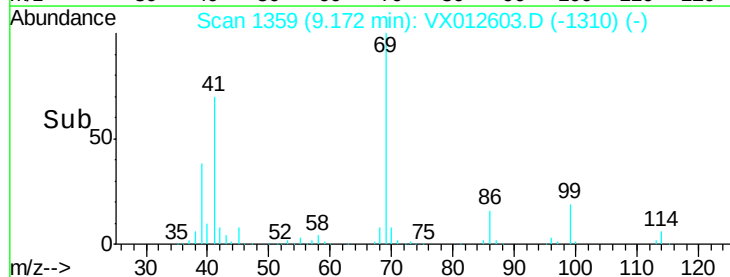
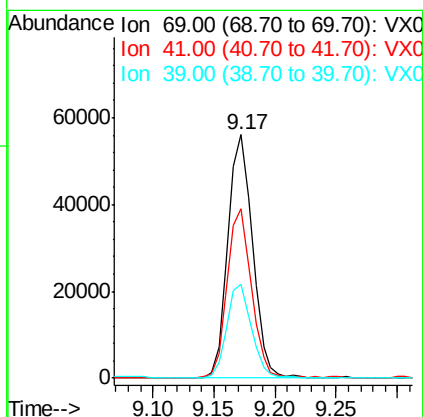
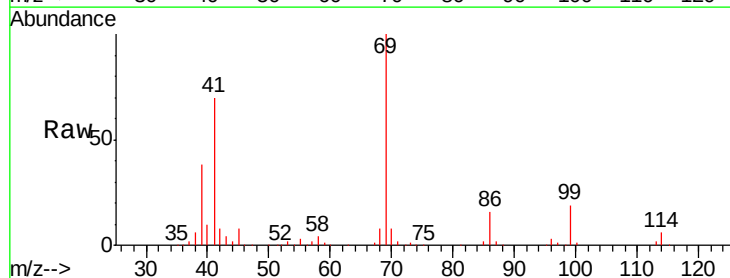
Instrument :
 MSVOA_X
 ClientSampled :
 VX0923WBS01

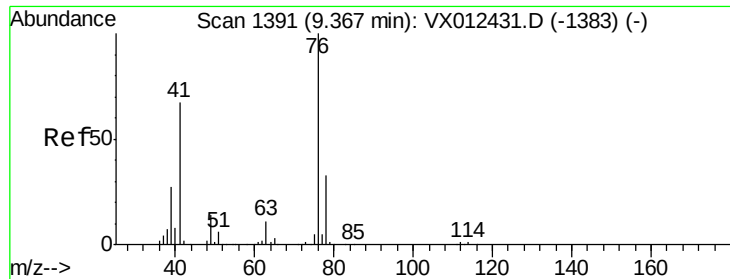
Tgt Ion:	97	Resp:	47248
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.2
85	52.9	43.5	65.3
99	59.1	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 16.837 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion:	69	Resp:	78439
Ion	Ratio	Lower	Upper
69	100		
41	68.6	58.4	87.6
39	38.4	33.4	50.0





#57

1,3-Dichloropropane

Concen: 17.206 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

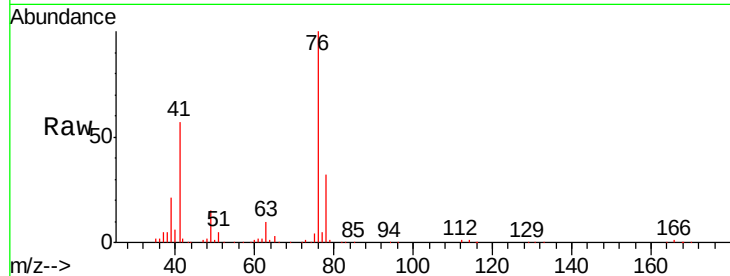
VX0923WBS01

Tgt Ion: 76 Resp: 83508

Ion Ratio Lower Upper

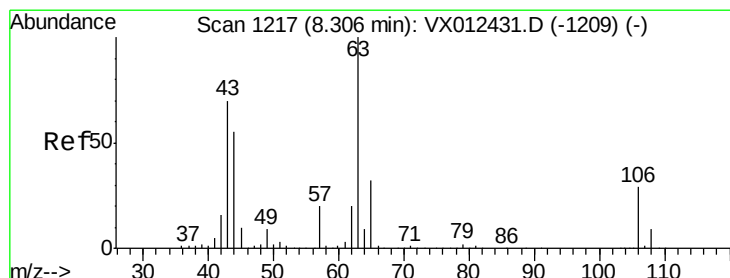
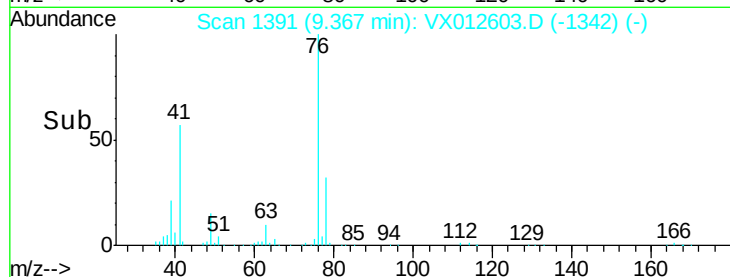
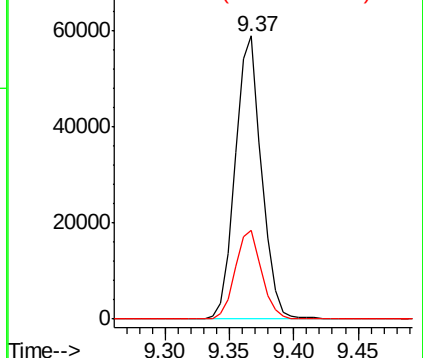
76 100

78 31.7 26.2 39.2



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: 91.624 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012603.D

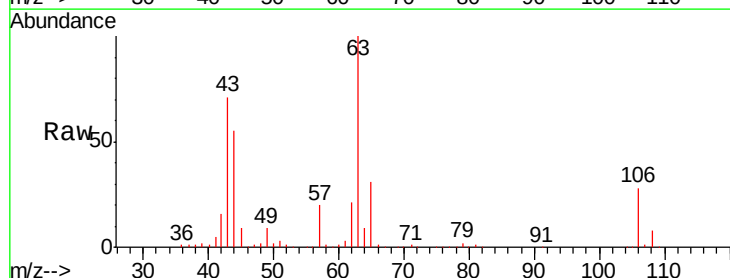
Acq: 23 Sep 2019 14:47

Tgt Ion: 63 Resp: 191606

Ion Ratio Lower Upper

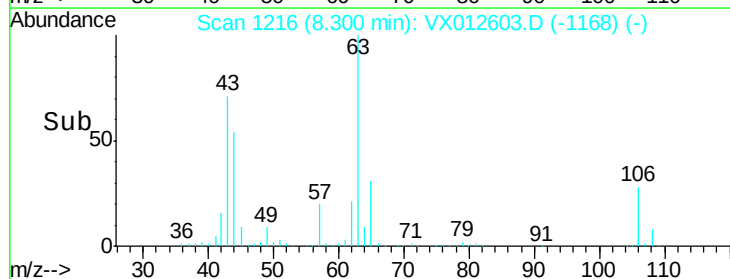
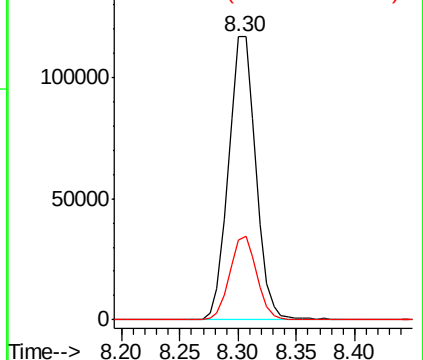
63 100

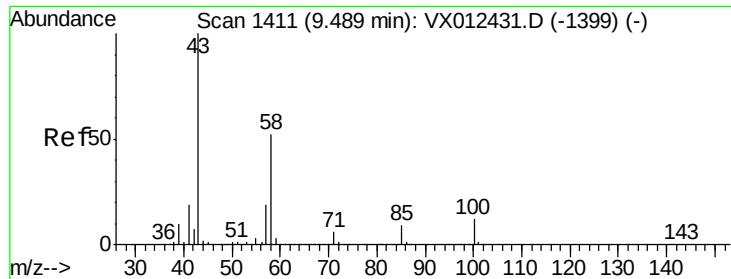
106 29.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

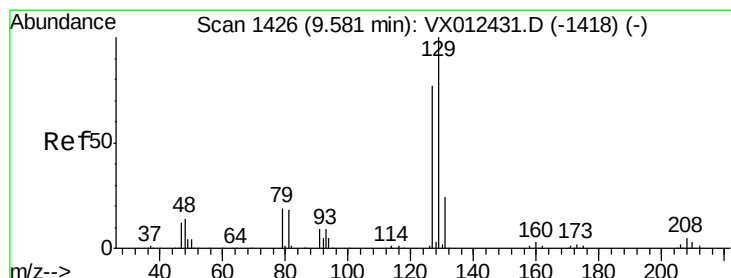
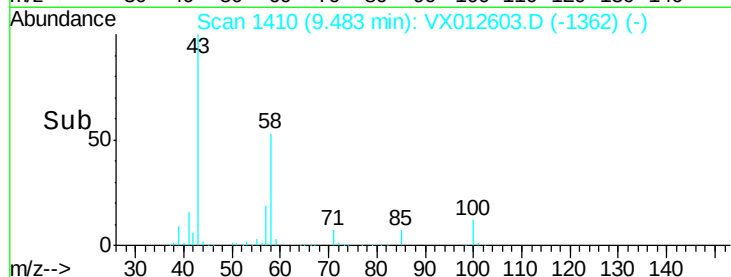
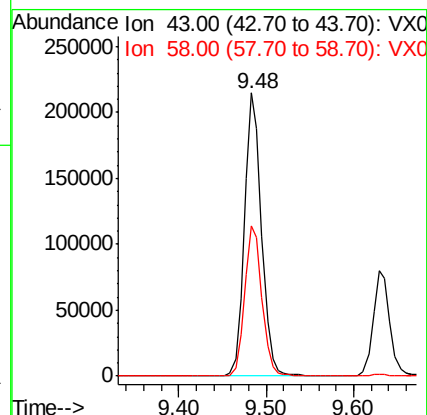
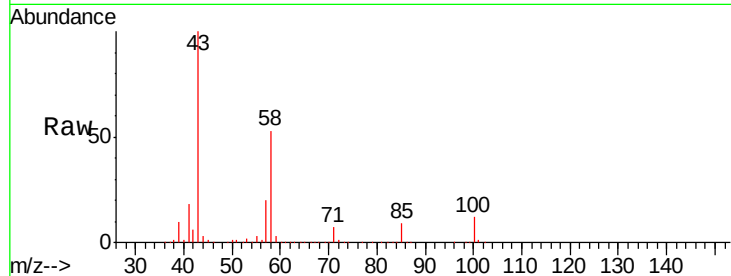




#59
2-Hexanone
Concen: 84.433 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

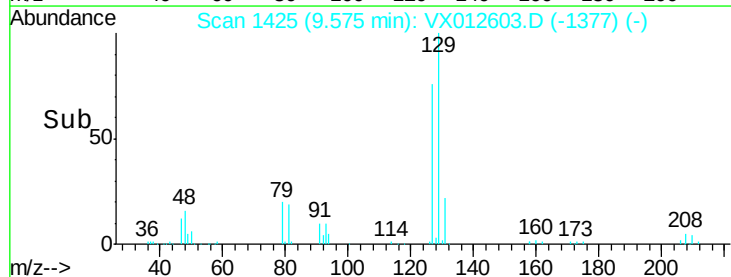
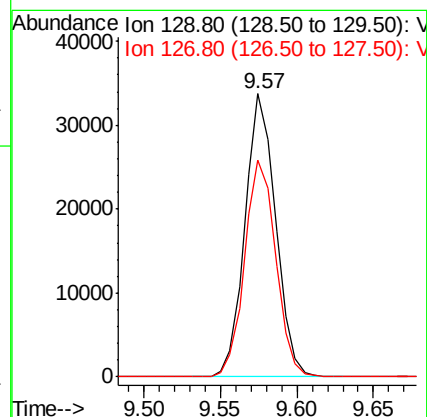
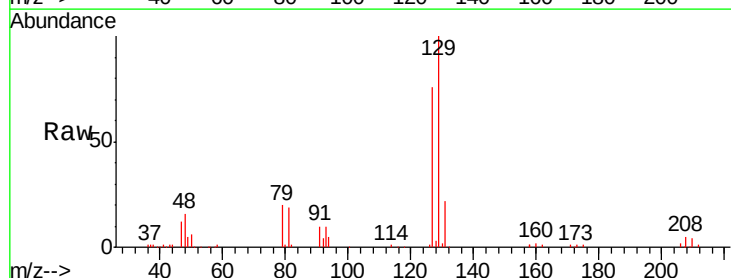
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

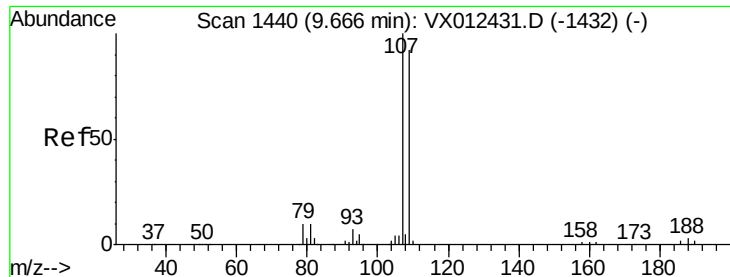
Tgt Ion: 43 Resp: 294192
Ion Ratio Lower Upper
43 100
58 54.0 25.7 77.1



#60
Dibromochloromethane
Concen: 16.712 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion: 129 Resp: 46913
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 17.220 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

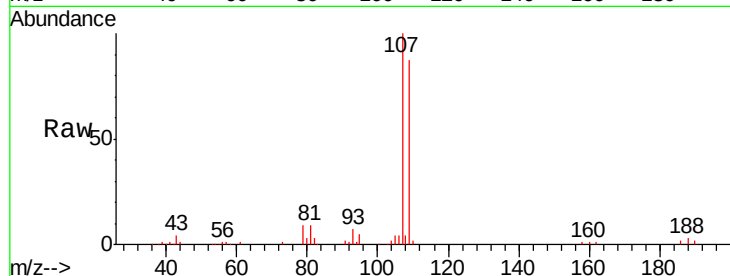
VX0923WBS01

Tgt Ion: 107 Resp: 49698

Ion Ratio Lower Upper

107 100

109 92.0 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

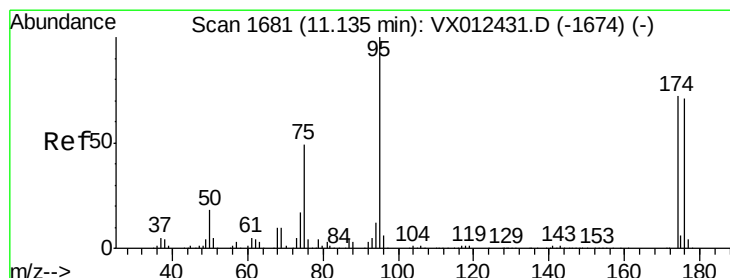
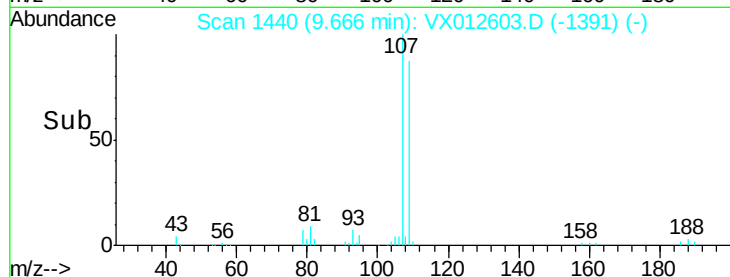
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.803 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

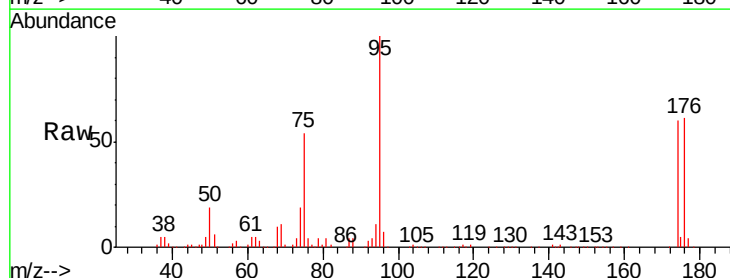
Tgt Ion: 95 Resp: 154577

Ion Ratio Lower Upper

95 100

174 67.1 0.0 140.0

176 66.6 0.0 135.4



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

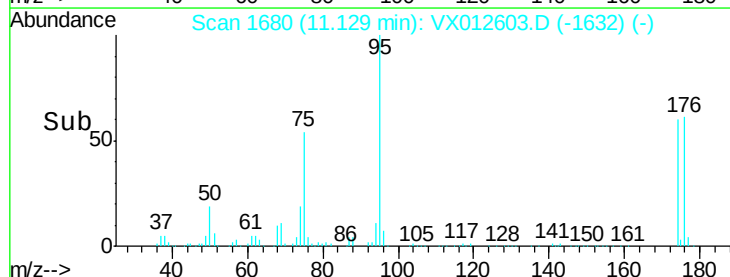
150000

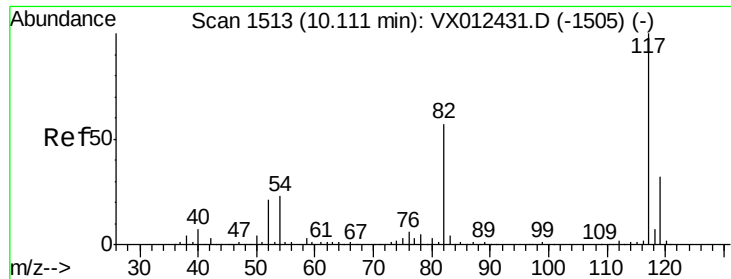
100000

50000

0

Time-->

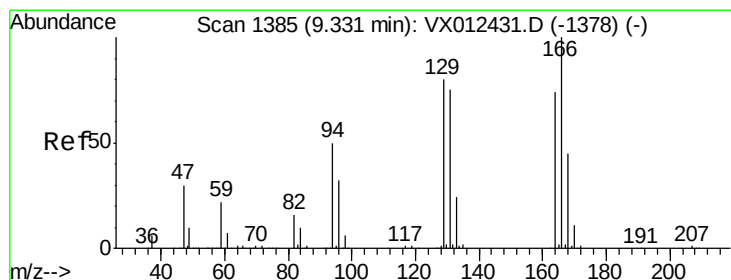
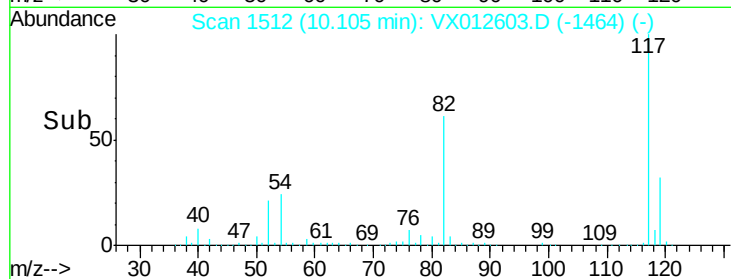
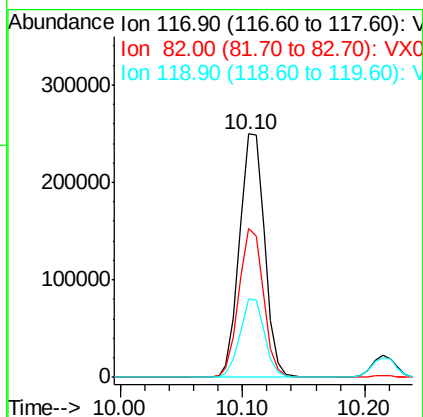
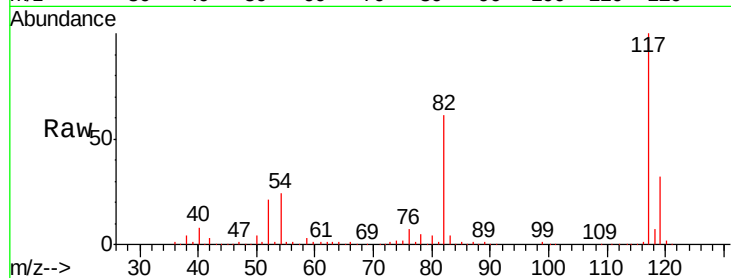




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

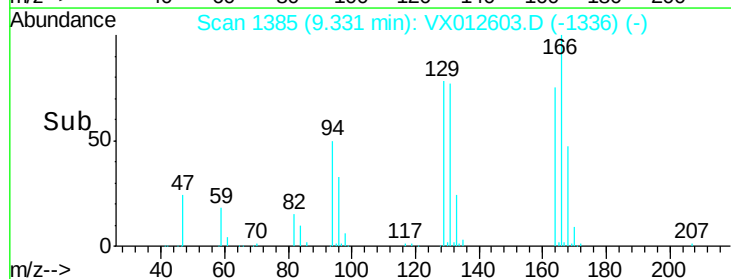
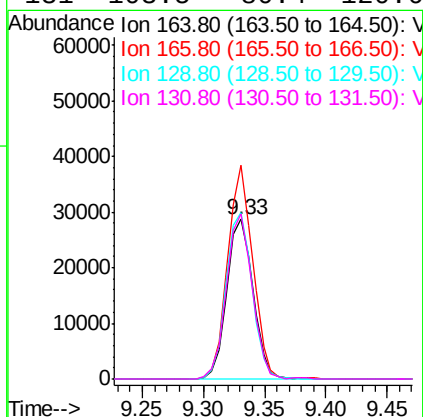
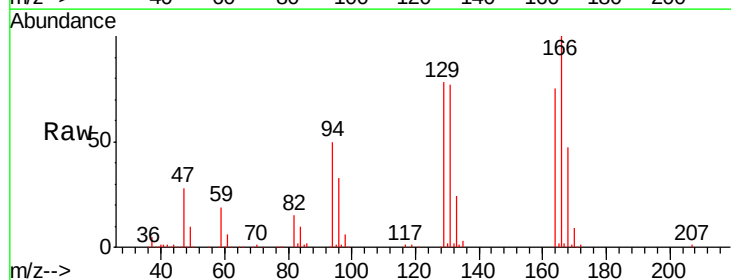
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

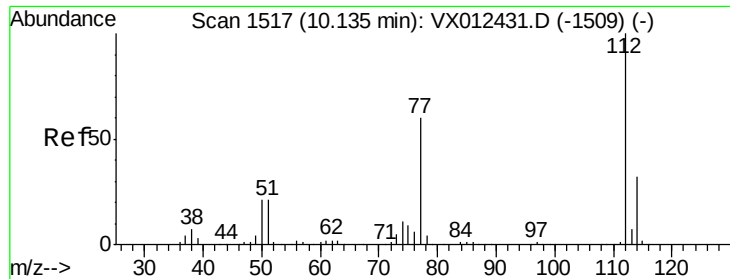
Tgt Ion:117 Resp: 353445
Ion Ratio Lower Upper
117 100
82 61.1 45.9 68.9
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 17.233 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion:164 Resp: 42467
Ion Ratio Lower Upper
164 100
166 133.6 107.8 161.6
129 104.2 86.2 129.2
131 103.5 80.4 120.6

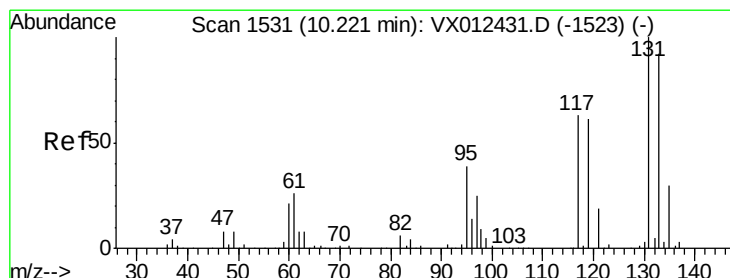
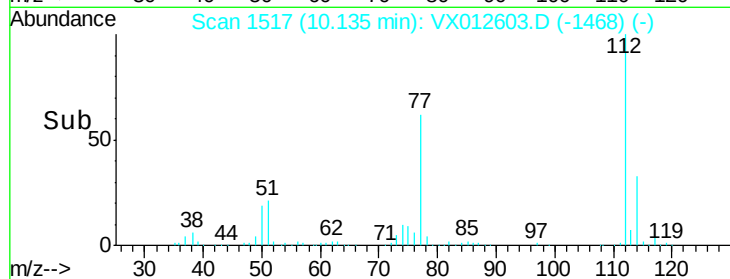
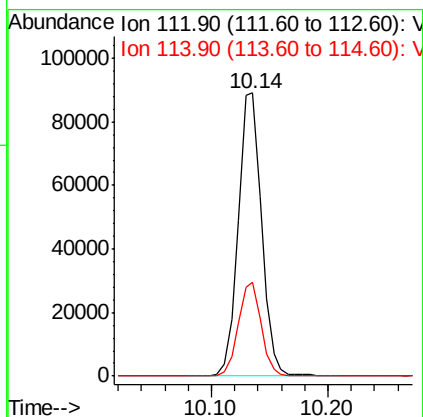
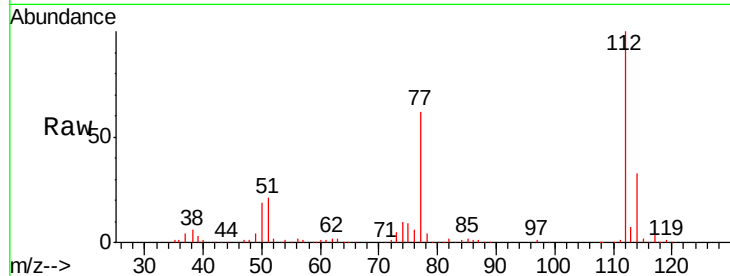




#65
Chlorobenzene
Concen: 16.765 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

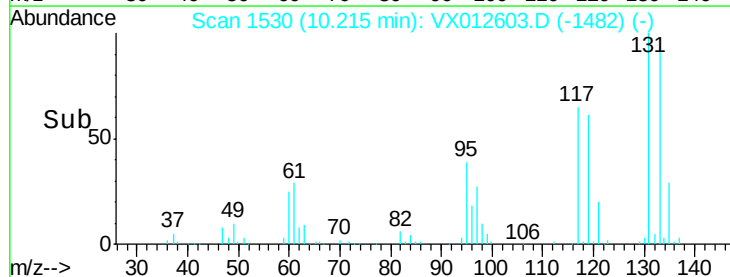
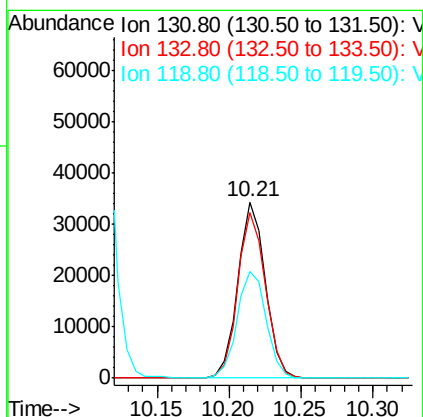
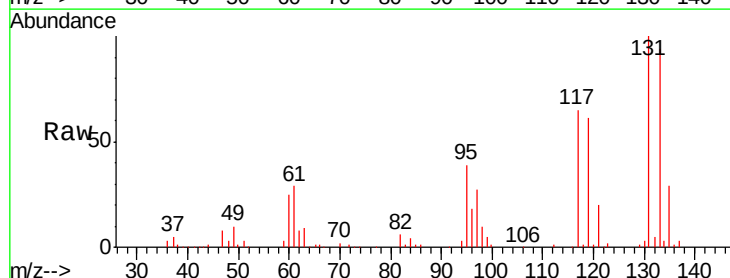
Instrument :
MSVOA_X
ClientSampled :
VX0923WBS01

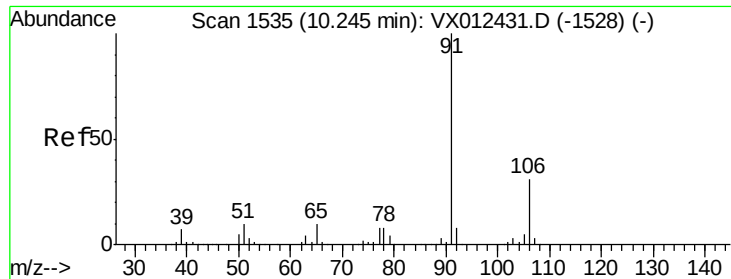
Tgt Ion:112 Resp: 124780
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 16.825 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion:131 Resp: 45372
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 64.3 31.3 93.8

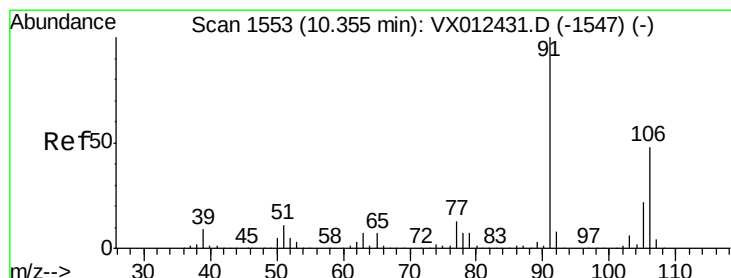
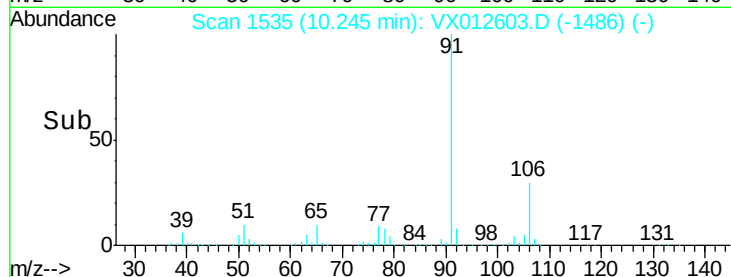
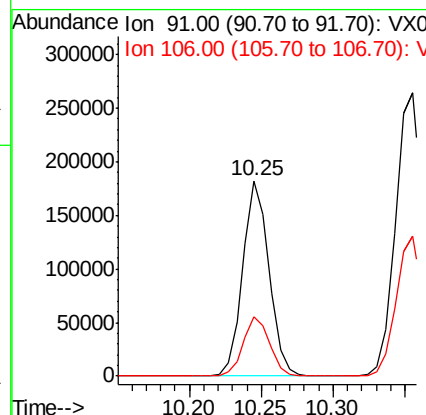
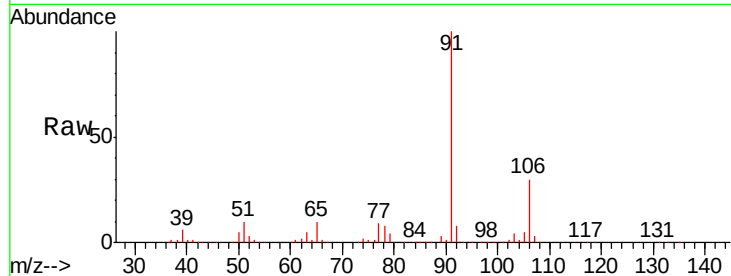




#67
Ethyl Benzene
Concen: 17.176 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

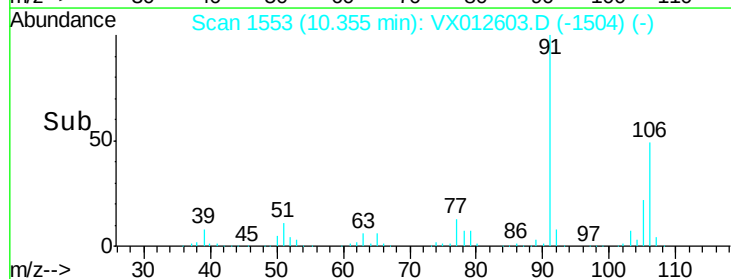
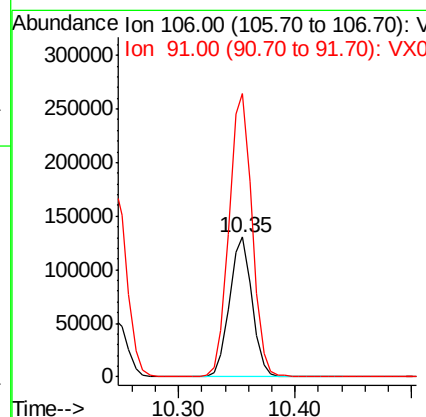
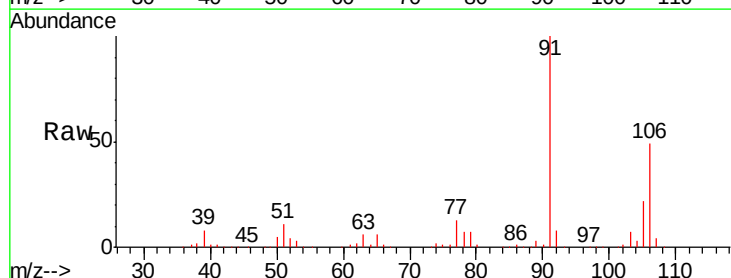
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

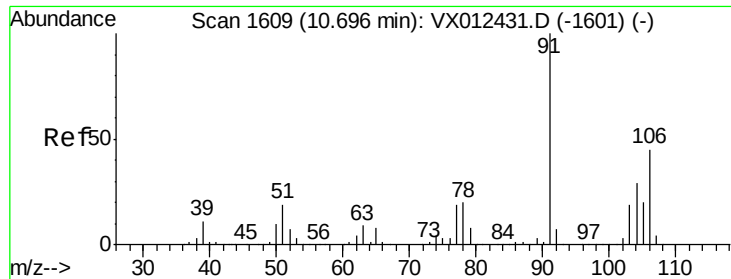
Tgt Ion: 91 Resp: 231860
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0



#68
m/p-Xylenes
Concen: 34.503 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion: 106 Resp: 174478
Ion Ratio Lower Upper
106 100
91 208.1 166.6 250.0

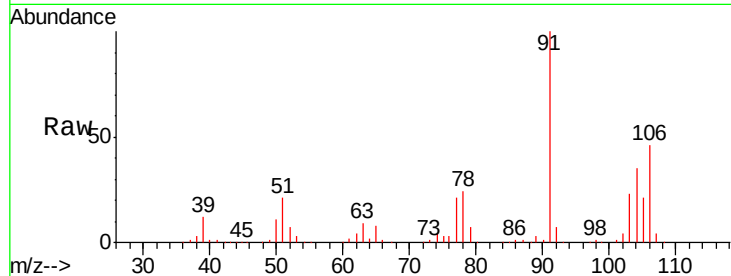




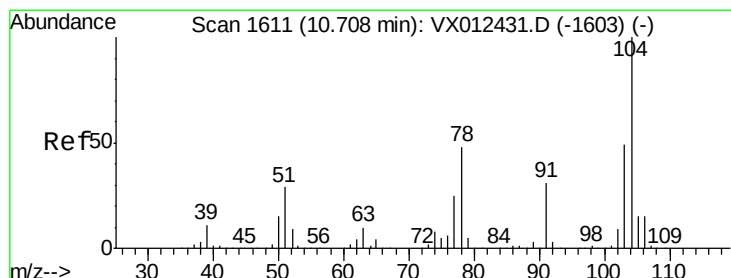
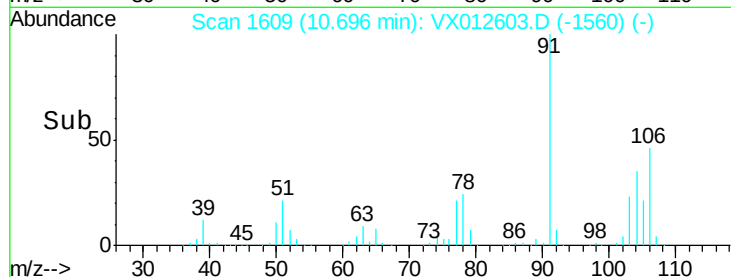
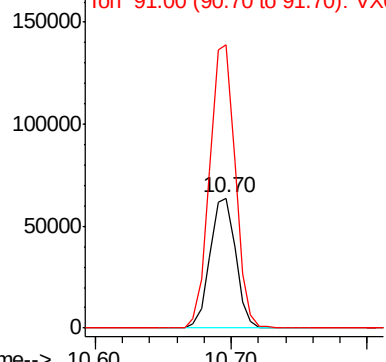
#69
o-Xylene
Concen: 17.091 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

Tgt Ion:106 Resp: 83627
Ion Ratio Lower Upper
106 100
91 218.8 109.4 328.2

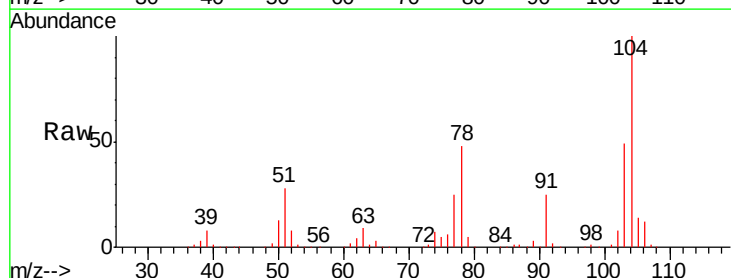


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

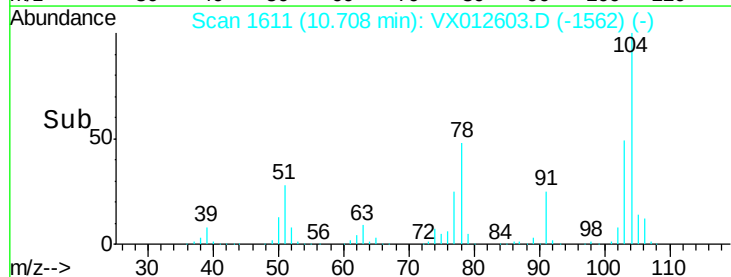
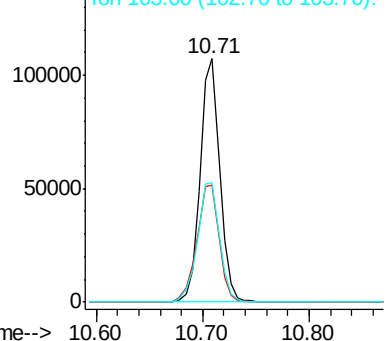


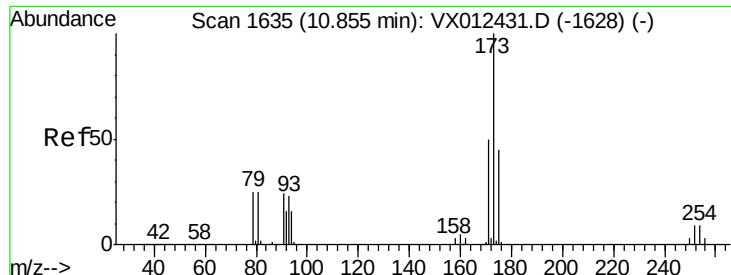
#70
Styrene
Concen: 17.049 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion:104 Resp: 139849
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 55.0 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.431 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

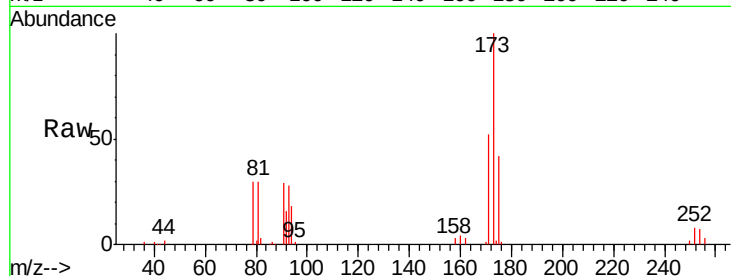
Tgt Ion:173 Resp: 30854

Ion Ratio Lower Upper

173 100

175 46.4 23.7 71.1

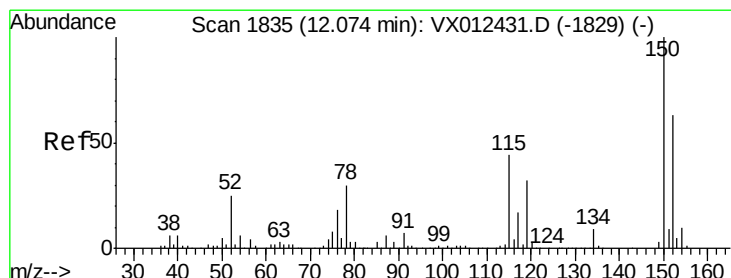
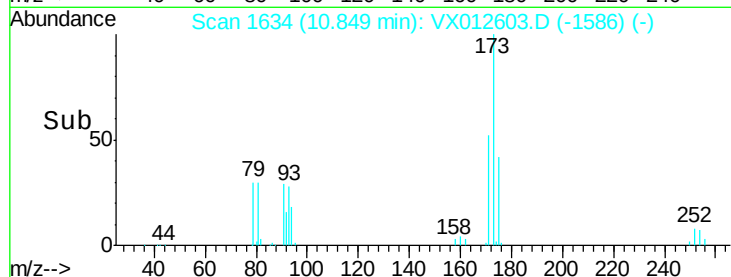
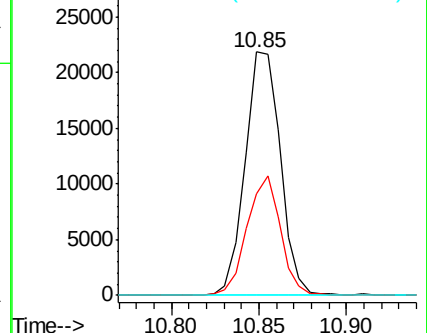
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

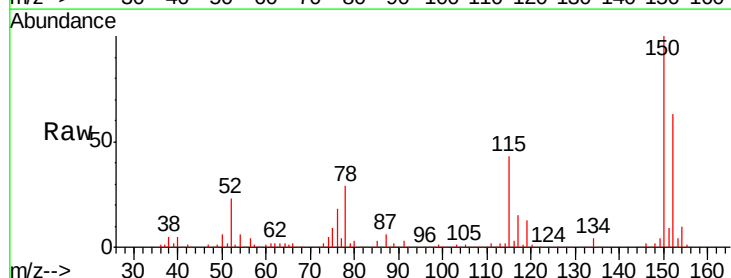
Tgt Ion:152 Resp: 158669

Ion Ratio Lower Upper

152 100

115 76.5 44.1 132.3

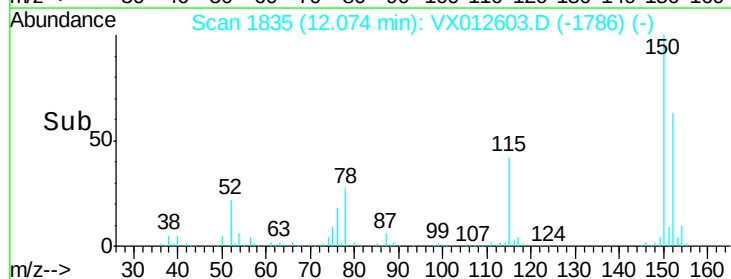
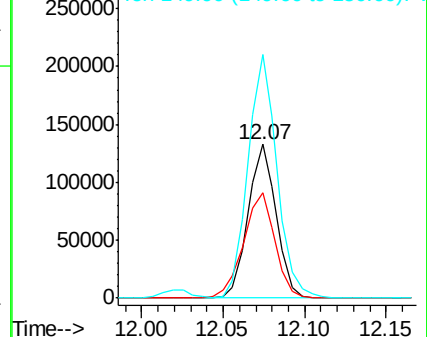
150 164.2 0.0 343.8

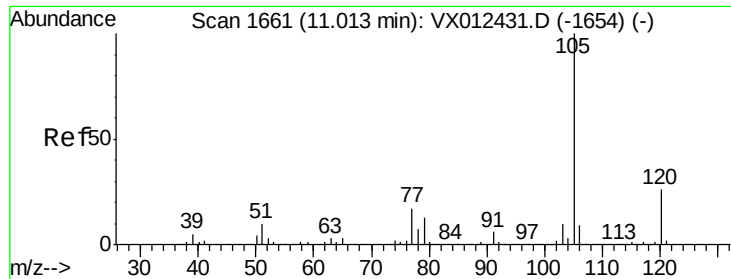


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

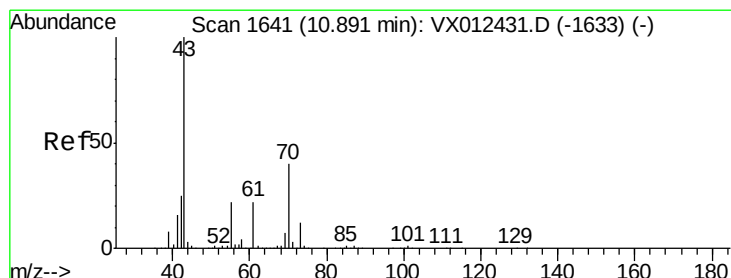
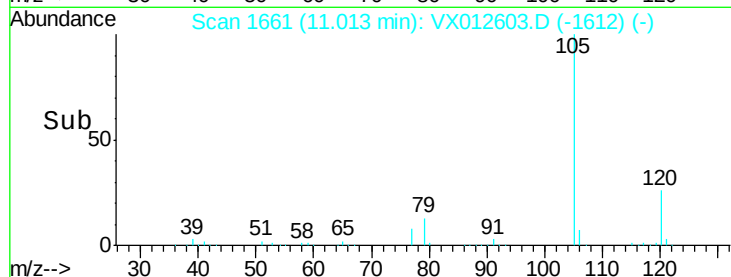
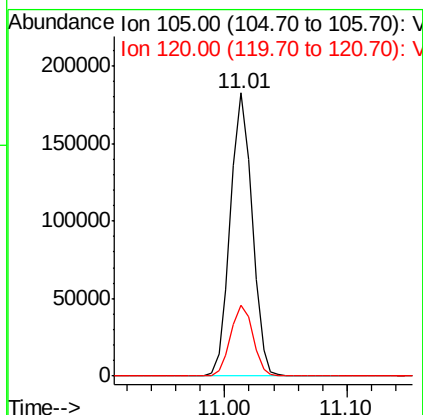
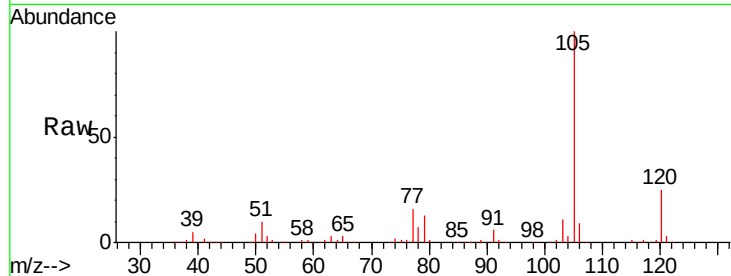




#73
Isopropylbenzene
Concen: 17.397 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

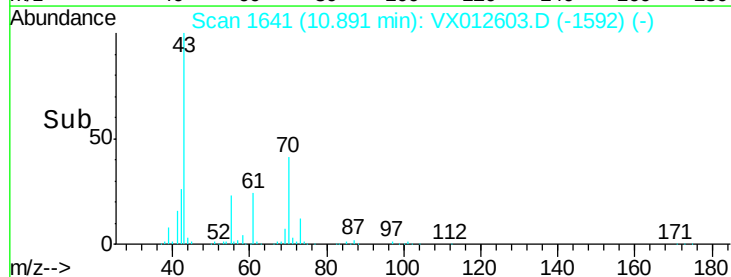
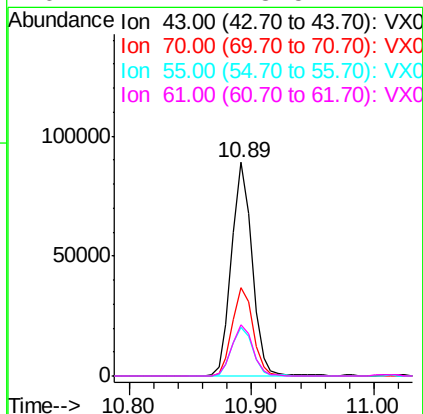
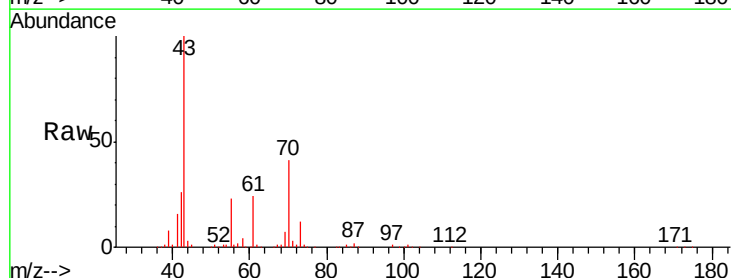
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

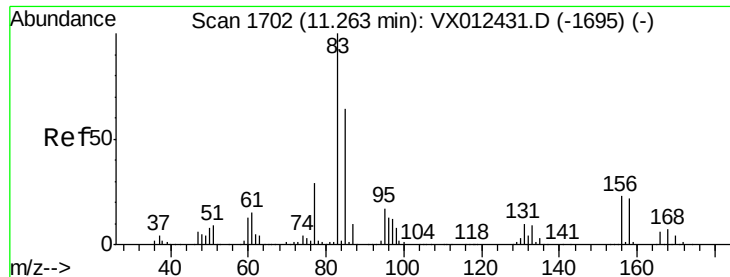
Tgt Ion: 105 Resp: 224824
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7



#74
N-ethyl acetate
Concen: 16.773 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion: 43 Resp: 103409
Ion Ratio Lower Upper
43 100
70 41.7 32.4 48.6
55 23.4 18.2 27.4
61 24.4 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 16.721 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

VX0923WBS01

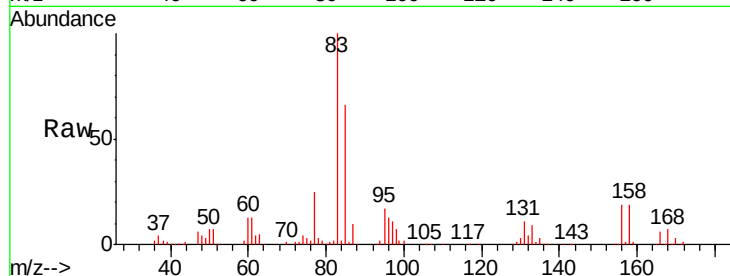
Tgt Ion: 83 Resp: 71566

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

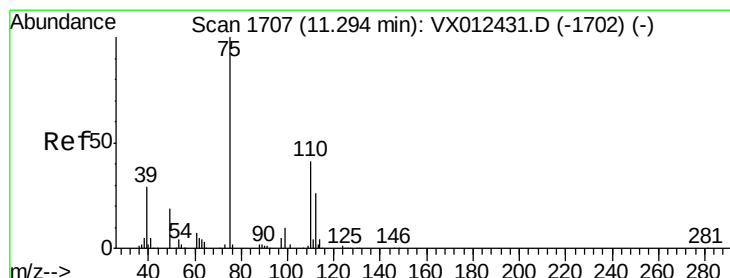
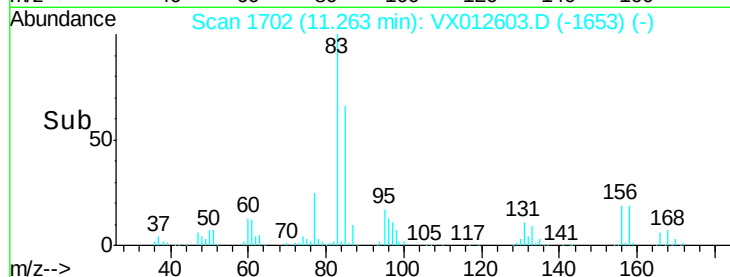
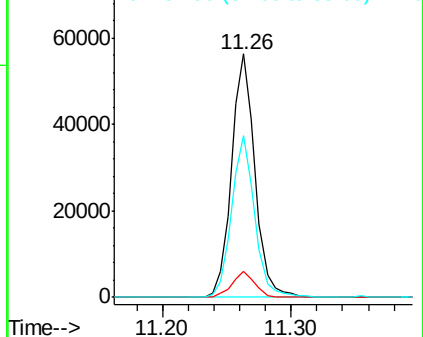
85 65.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.329 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012603.D

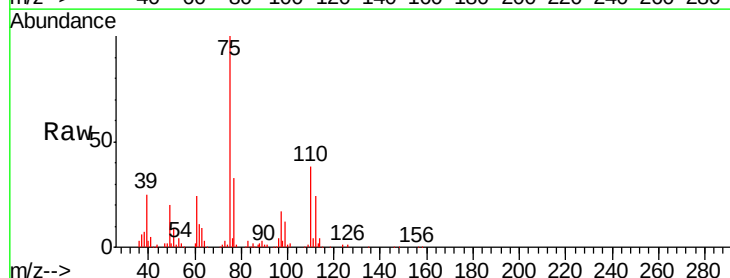
Acq: 23 Sep 2019 14:47

Tgt Ion: 75 Resp: 85323

Ion Ratio Lower Upper

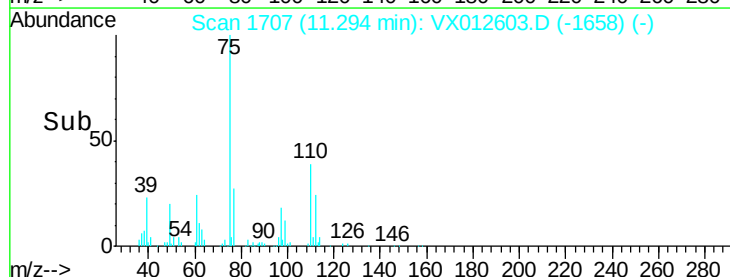
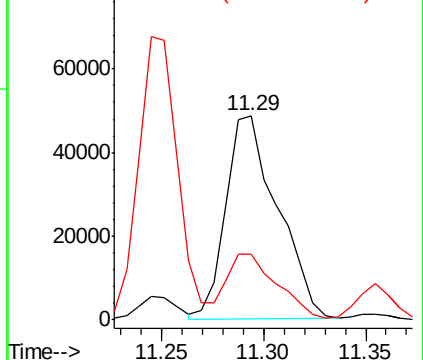
75 100

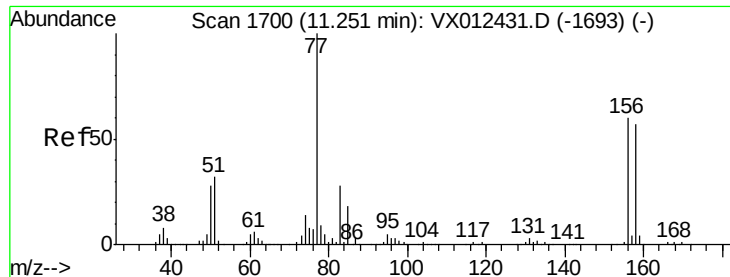
77 31.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.040 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

VX0923WBS01

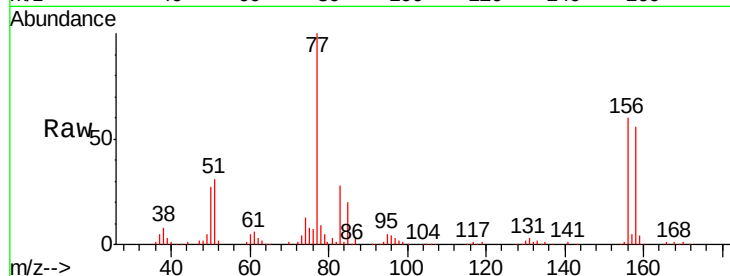
Tgt Ion:156 Resp: 49838

Ion Ratio Lower Upper

156 100

77 181.6 87.3 261.8

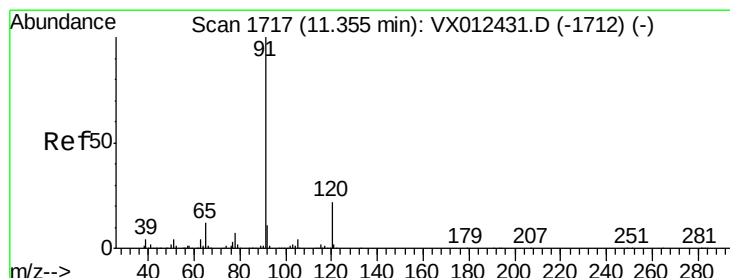
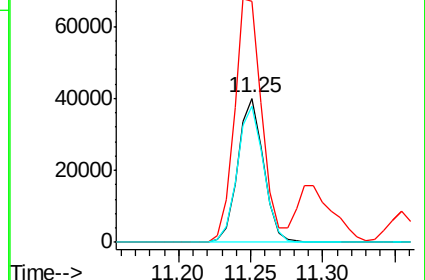
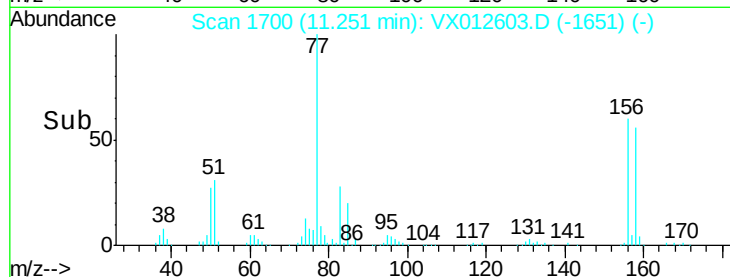
158 97.8 48.5 145.6



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: 17.567 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012603.D

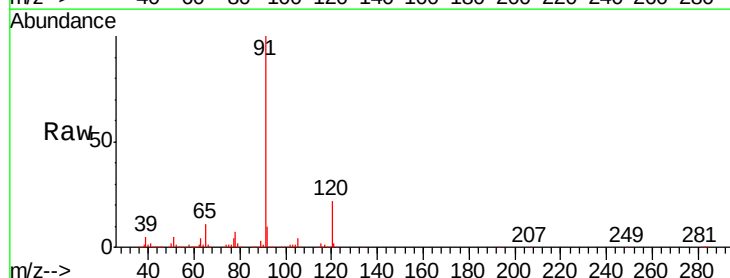
Acq: 23 Sep 2019 14:47

Tgt Ion: 91 Resp: 255584

Ion Ratio Lower Upper

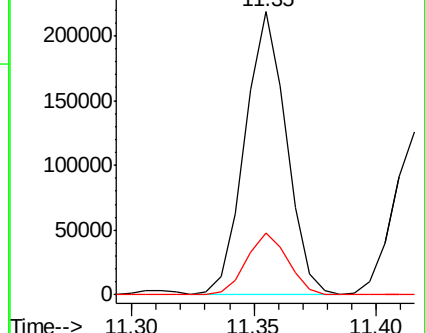
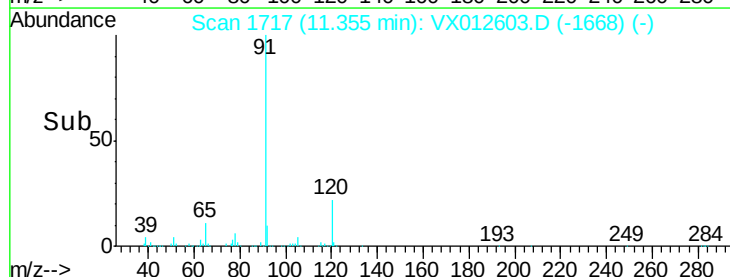
91 100

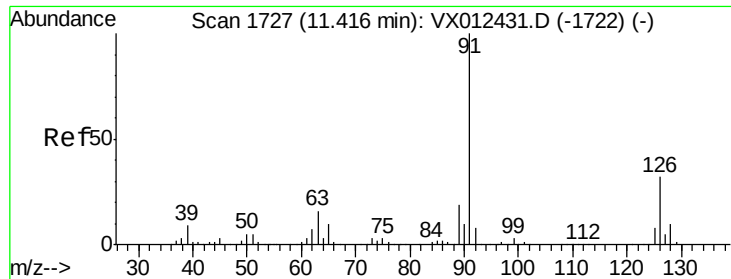
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

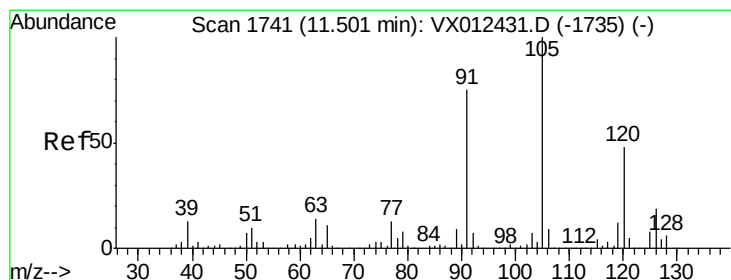
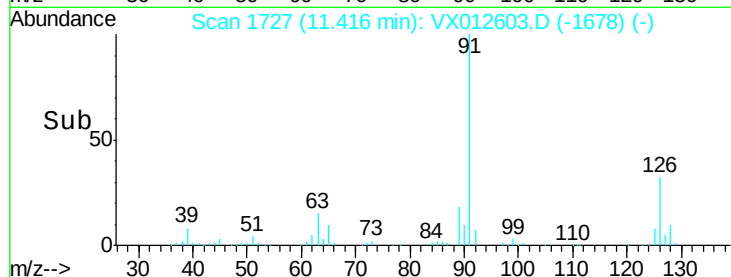
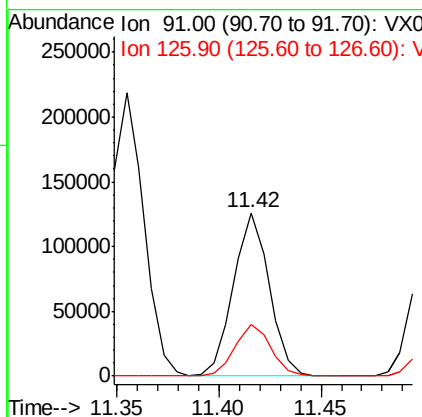
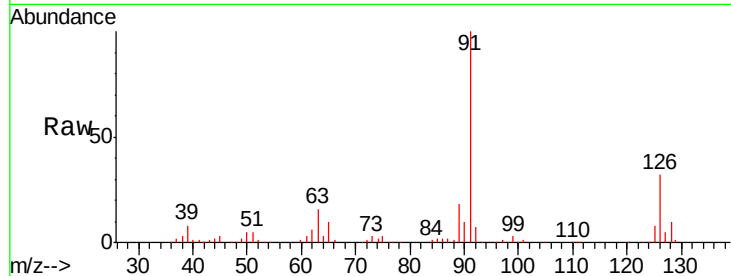




#79
 2-Chlorotoluene
 Concen: 16.846 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

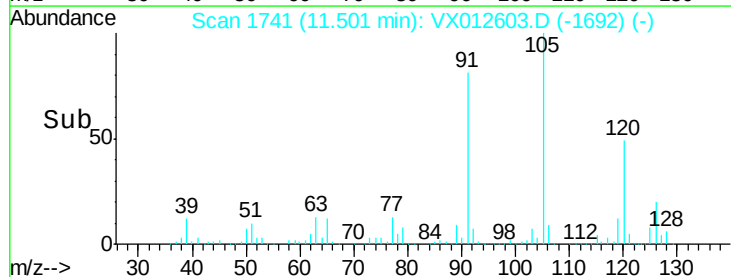
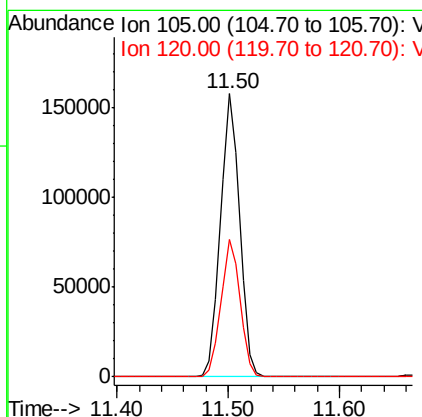
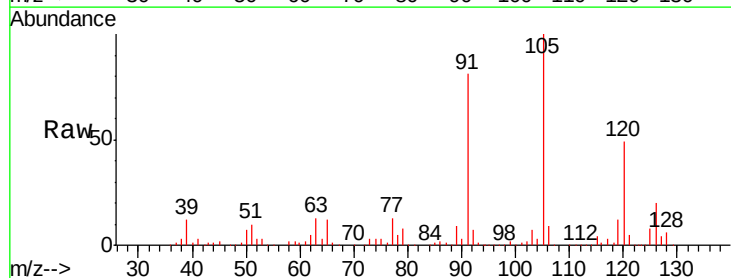
Instrument :
 MSVOA_X
 ClientSampled :
 VX0923WBS01

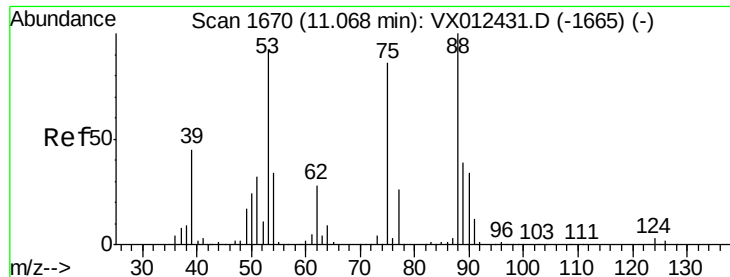
Tgt Ion: 91 Resp: 152897
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 17.408 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion: 105 Resp: 188656
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.198 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

VX0923WBS01

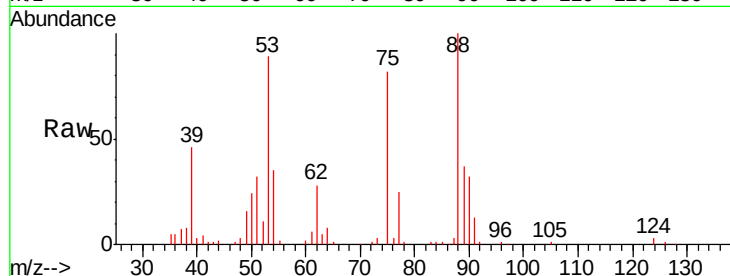
Tgt Ion: 75 Resp: 23724

Ion Ratio Lower Upper

75 100

53 105.0 83.6 125.4

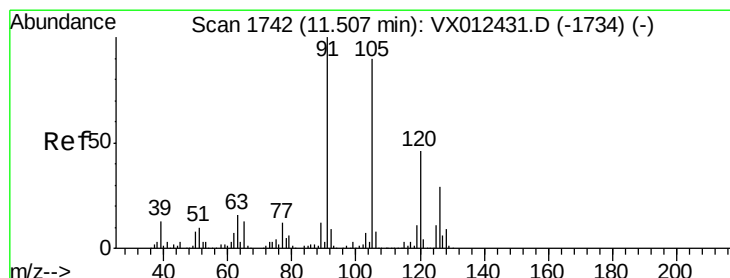
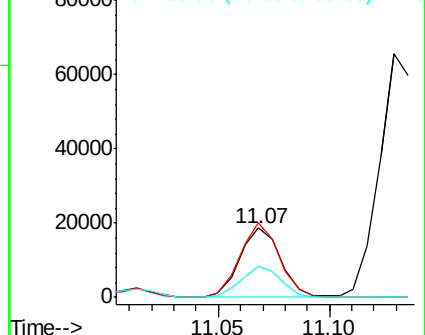
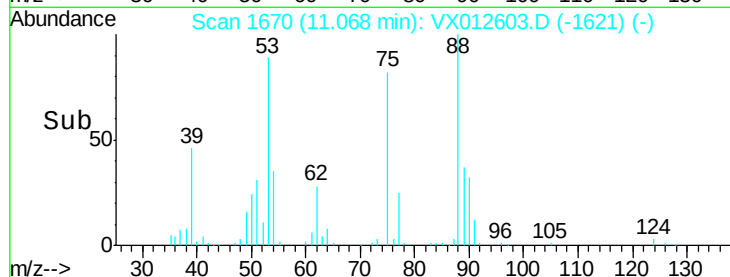
89 43.9 36.3 54.5



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: 17.405 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012603.D

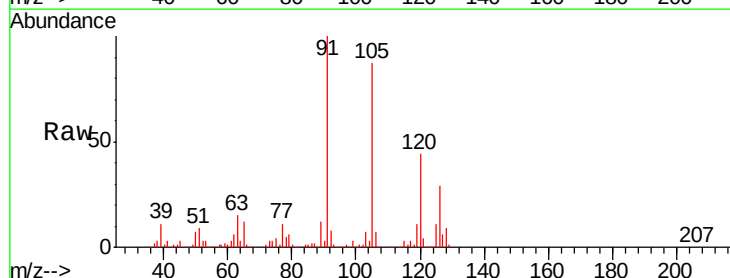
Acq: 23 Sep 2019 14:47

Tgt Ion: 91 Resp: 180074

Ion Ratio Lower Upper

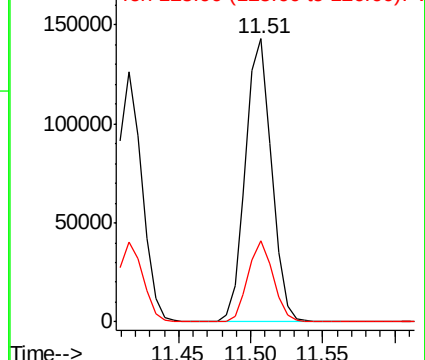
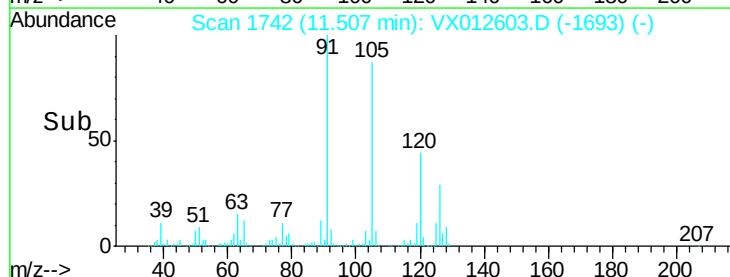
91 100

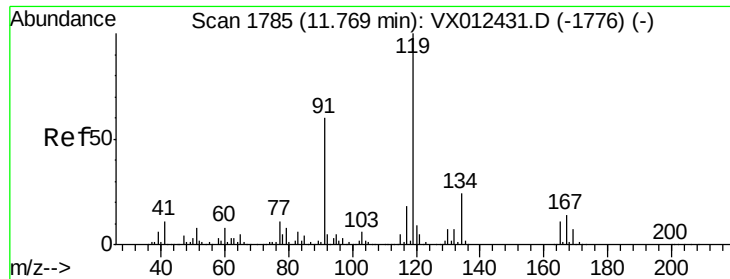
126 27.7 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

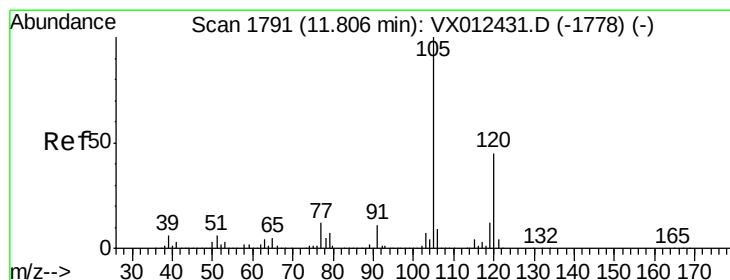
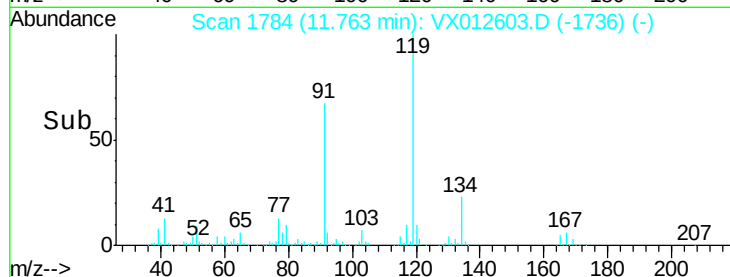
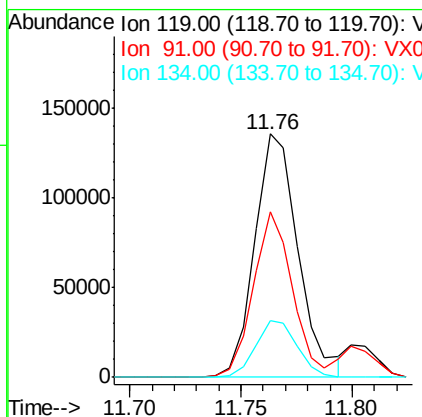
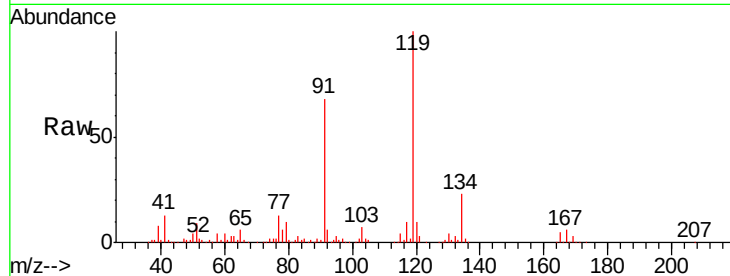




#83
 tert-Butylbenzene
 Concen: 17.610 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

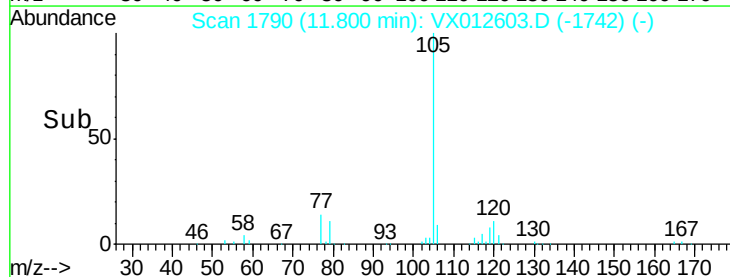
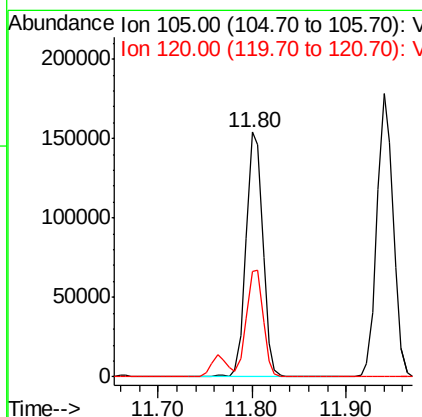
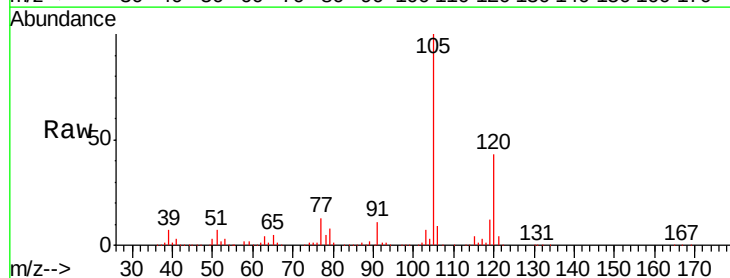
Instrument :
 MSVOA_X
 ClientSampled :
 VX0923WBS01

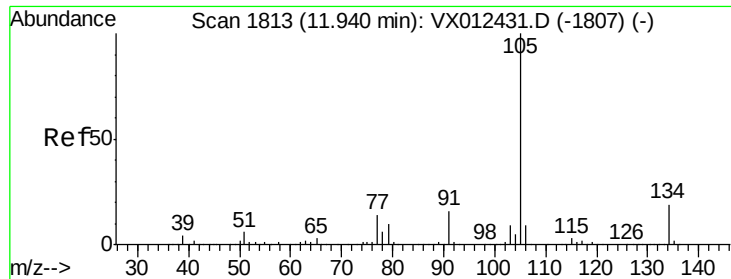
Tgt Ion:119 Resp: 184090
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.0 90.0
 134 22.6 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 17.562 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion:105 Resp: 191992
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 17.589 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

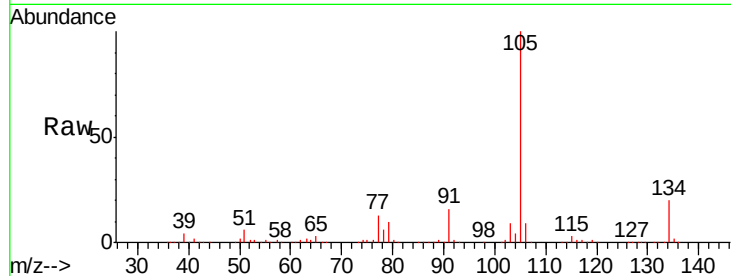
VX0923WBS01

Tgt Ion:105 Resp: 213867

Ion Ratio Lower Upper

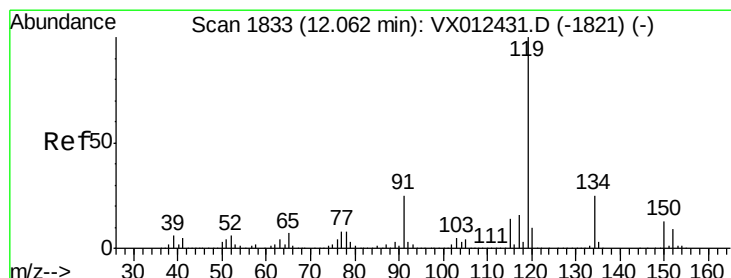
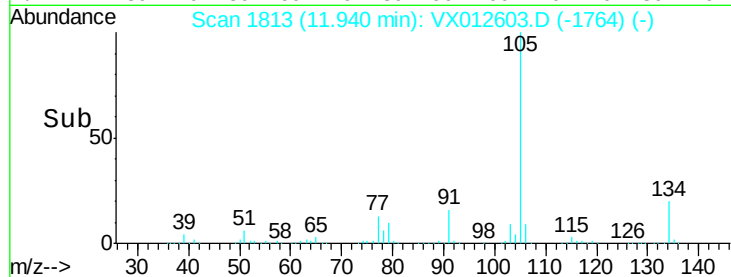
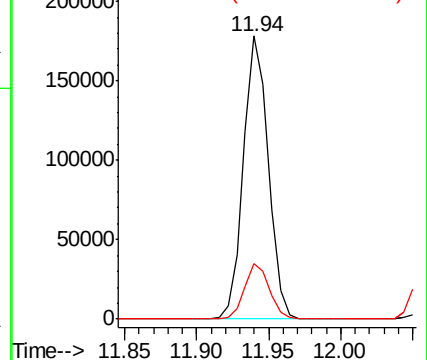
105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.094 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

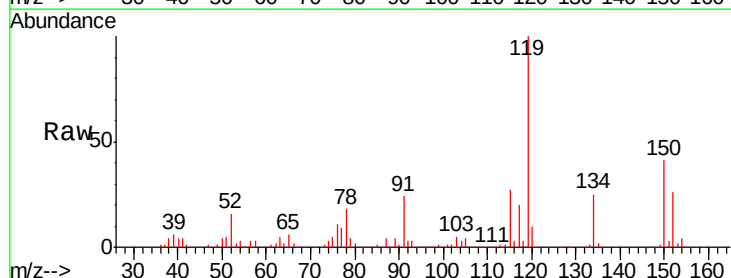
Tgt Ion:119 Resp: 198515

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

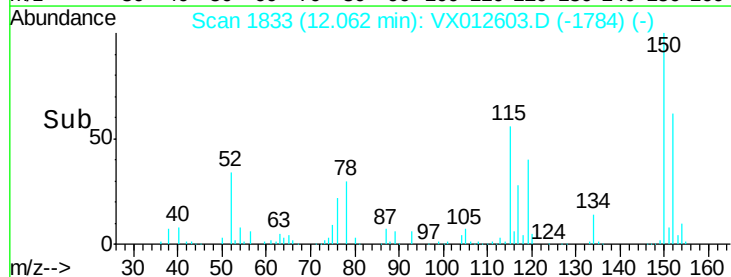
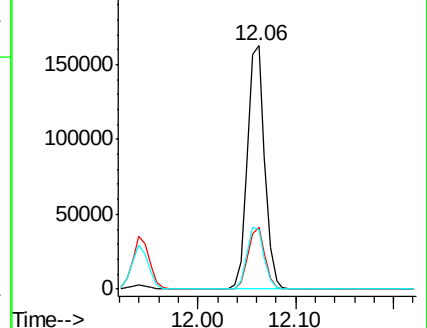
91 25.5 12.8 38.4

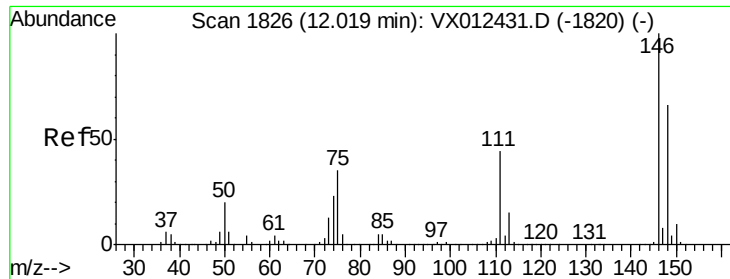


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

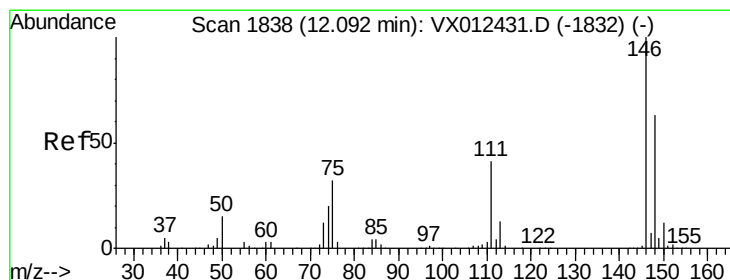
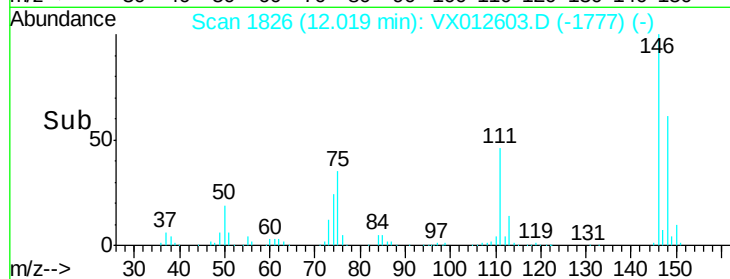
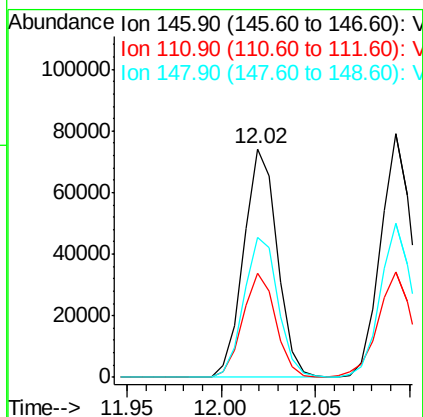
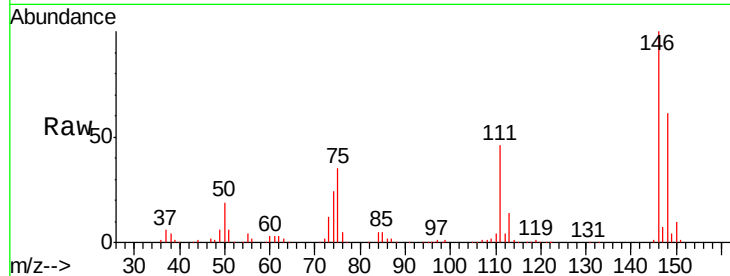




#87
 1,3-Dichlorobenzene
 Concen: 17.471 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

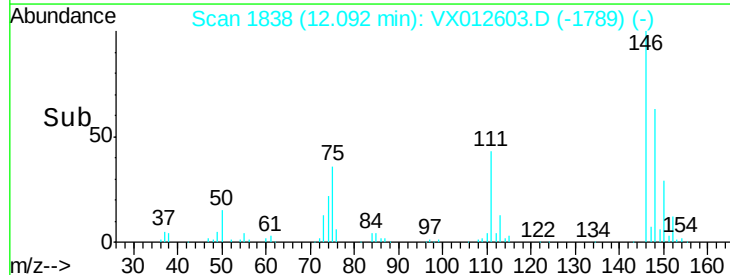
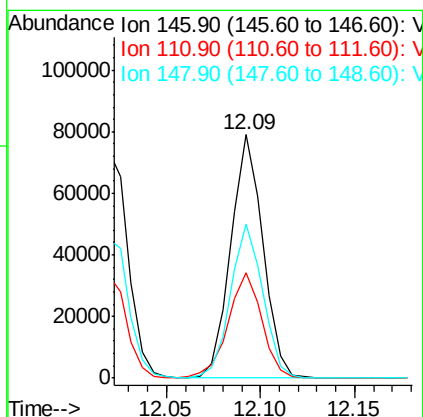
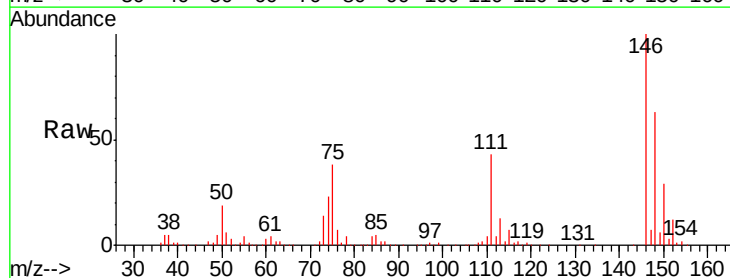
Instrument :
 MSVOA_X
 ClientSampled :
 VX0923WBS01

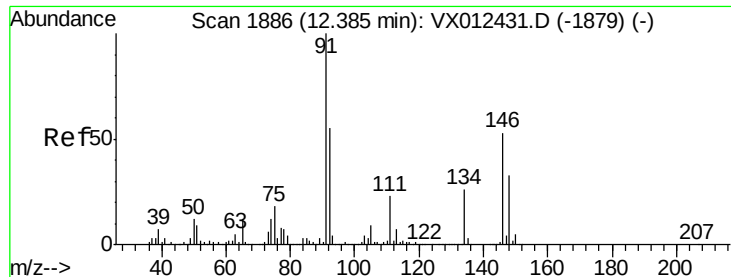
Tgt Ion:146 Resp: 91958
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.3 64.0
 148 62.5 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 17.514 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion:146 Resp: 93152
 Ion Ratio Lower Upper
 146 100
 111 45.9 21.1 63.3
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 17.485 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012603.D

Acq: 23 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

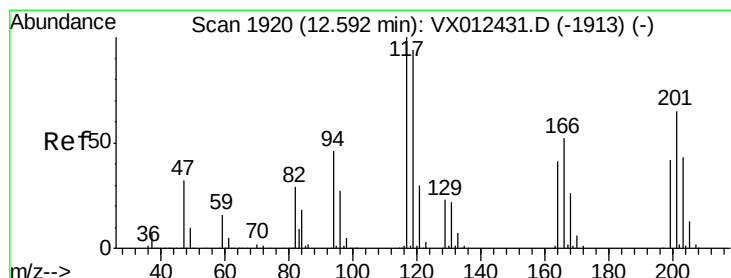
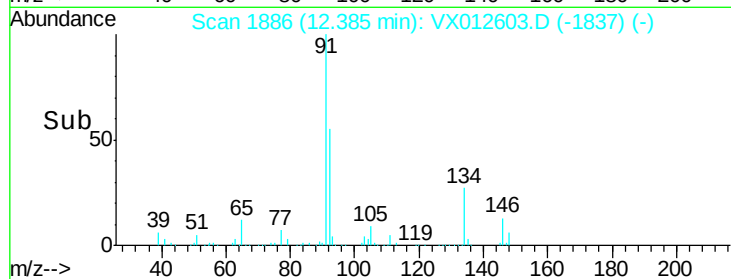
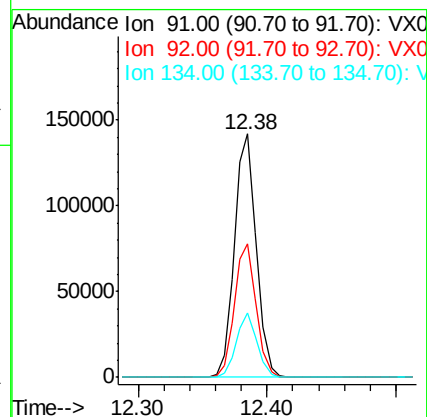
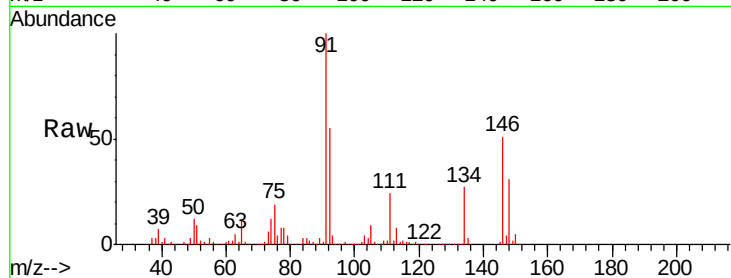
Tgt Ion: 91 Resp: 169036

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.0

134 25.3 12.9 38.6



#90

Hexachloroethane

Concen: 16.608 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012603.D

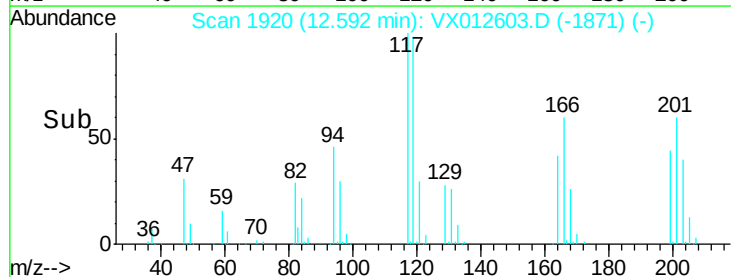
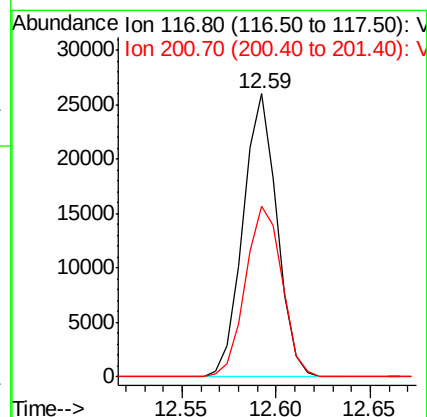
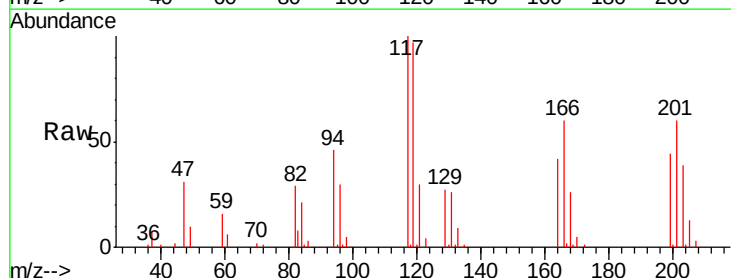
Acq: 23 Sep 2019 14:47

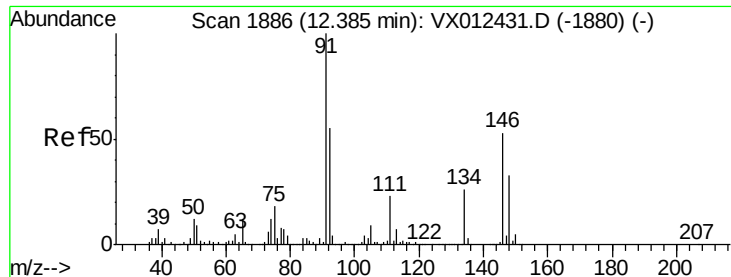
Tgt Ion: 117 Resp: 32485

Ion Ratio Lower Upper

117 100

201 64.8 33.3 99.8

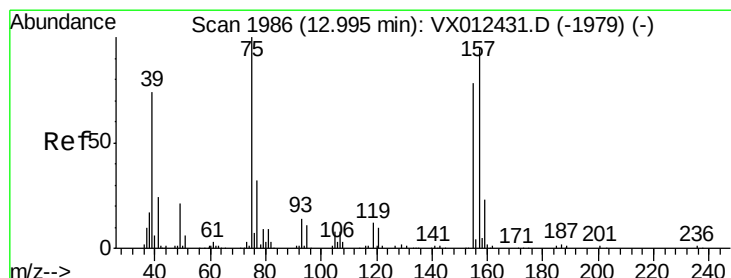
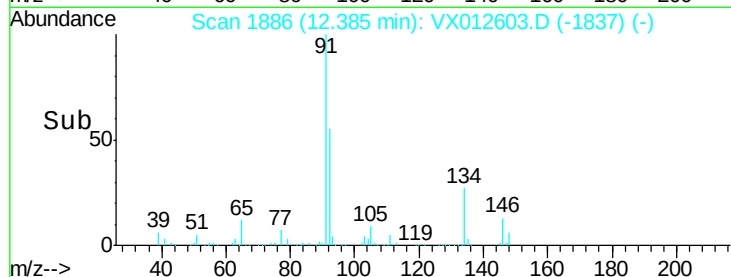
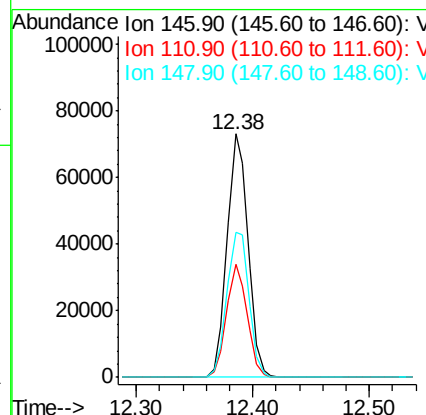
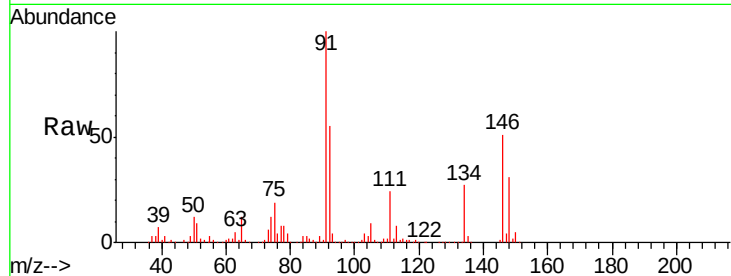




#91
 1,2-Dichlorobenzene
 Concen: 17.237 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

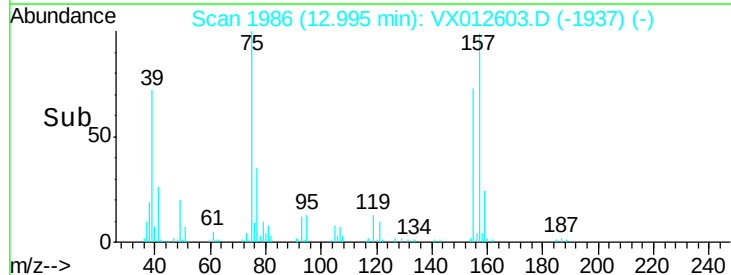
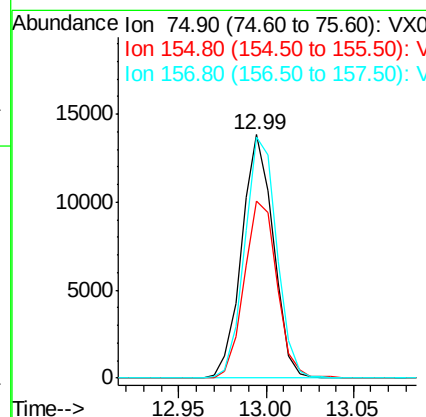
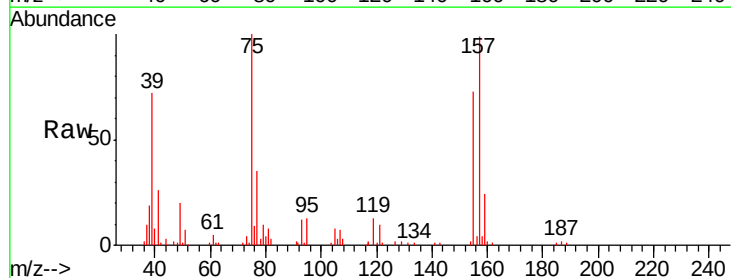
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS01

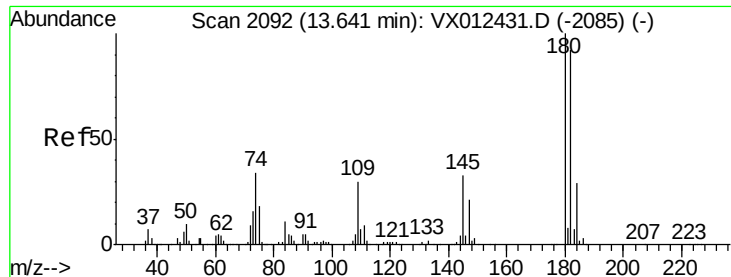
Tgt Ion:146 Resp: 90831
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.1 66.1
 148 63.2 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.197 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion: 75 Resp: 17341
 Ion Ratio Lower Upper
 75 100
 155 75.2 38.6 115.8
 157 100.3 50.6 151.9

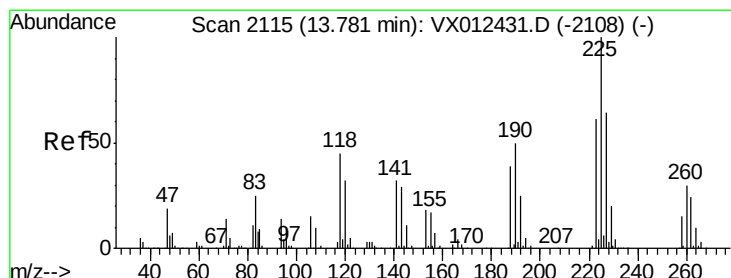
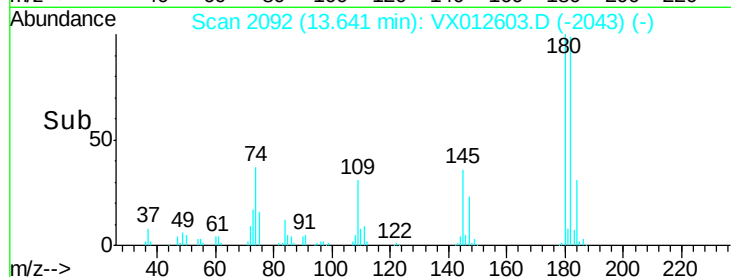
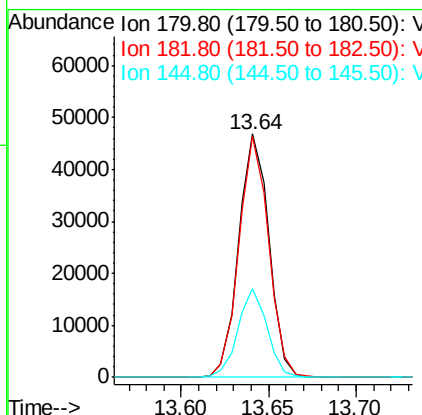
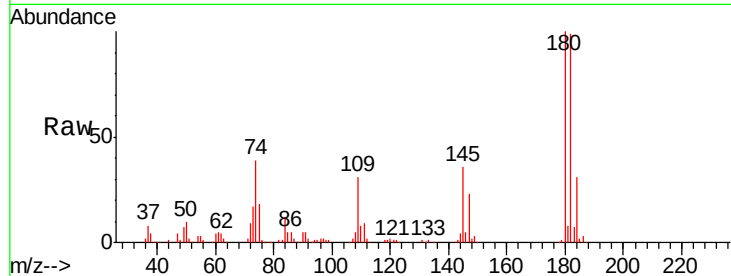




#93
 1,2,4-Trichlorobenzene
 Concen: 17.502 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

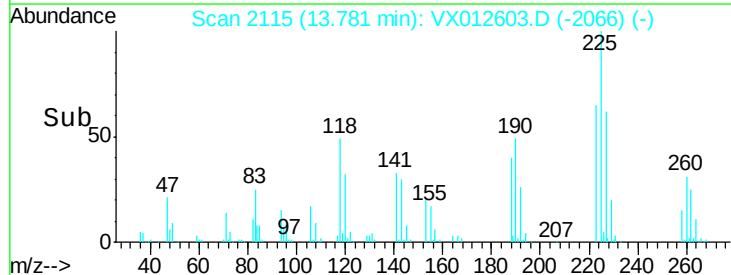
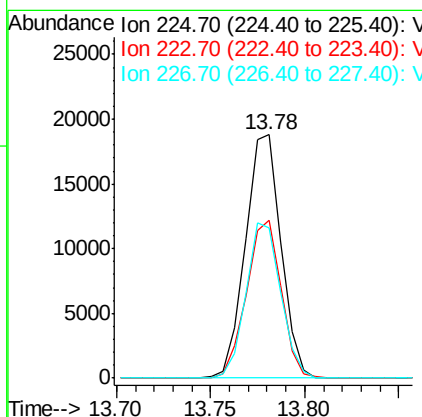
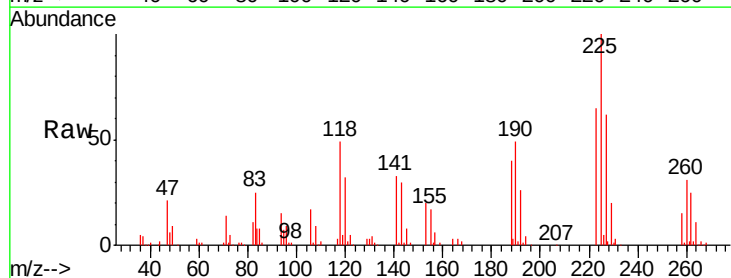
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS01

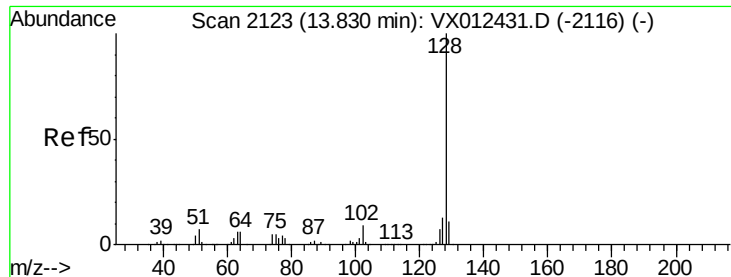
Tgt Ion:180 Resp: 56247
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.0 141.0
 145 35.1 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 17.847 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012603.D
 Acq: 23 Sep 2019 14:47

Tgt Ion:225 Resp: 24674
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.0 96.2
 227 62.2 31.9 95.5

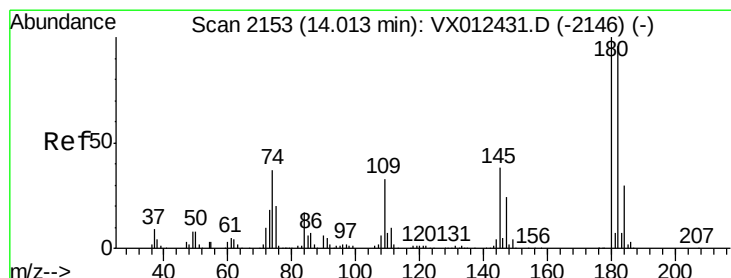
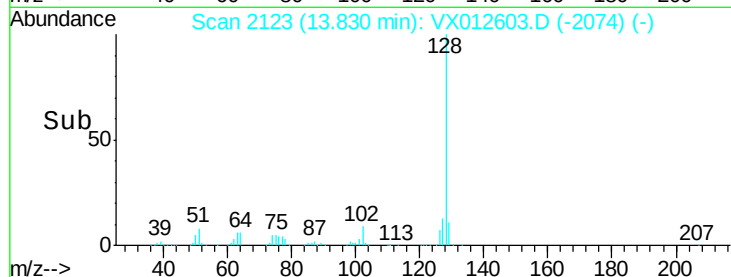
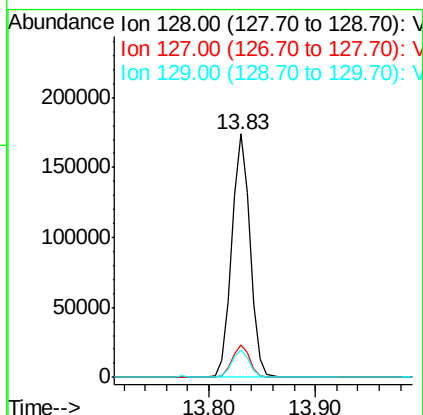
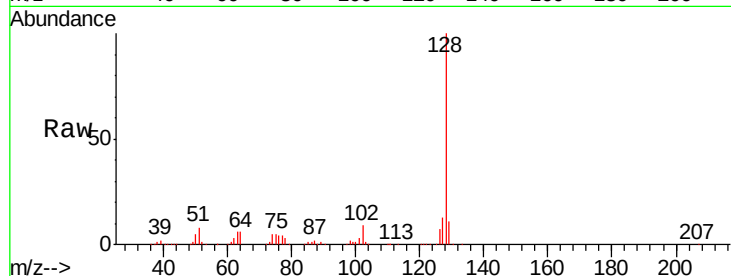




#95
Naphthalene
Concen: 18.085 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

Tgt Ion:128 Resp: 210283
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.292 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012603.D
Acq: 23 Sep 2019 14:47

Tgt Ion:180 Resp: 55668
Ion Ratio Lower Upper
180 100
182 96.4 47.1 141.3
145 35.9 18.0 54.0

