

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010296.D
 Acq On : 14 Jun 2019 13:32
 Operator : JC/SP
 Sample : VX0614MBS02
 Misc : 5.0µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

Quant Time: Jun 15 01:20:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	367715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	544752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	483368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254629	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	175225	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
35) Dibromofluoromethane	5.50	113	172214	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
50) Toluene-d8	8.71	98	640270	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	232659	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68225	20.164	ug/l	97
3) Chloromethane	1.33	50	58578	17.433	ug/l	96
4) Vinyl Chloride	1.41	62	59629	18.881	ug/l	99
5) Bromomethane	1.64	94	28687	24.072	ug/l	95
6) Chloroethane	1.72	64	33945	21.319	ug/l	97
7) Trichlorofluoromethane	1.93	101	96876	20.651	ug/l	98
8) Diethyl Ether	2.19	74	32772	20.269	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59260	18.326	ug/l	92
10) Methyl Iodide	2.51	142	80455	16.058	ug/l	96
11) Tert butyl alcohol	3.05	59	83939	95.463	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58901	17.833	ug/l #	80
13) Acrolein	2.30	56	8435	52.611	ug/l	97
14) Allyl chloride	2.73	41	85542	17.158	ug/l #	88
15) Acrylonitrile	3.14	53	166502	92.643	ug/l	98
16) Acetone	2.45	43	164349	97.351	ug/l #	85
17) Carbon Disulfide	2.57	76	141162	14.791	ug/l	99
18) Methyl Acetate	2.78	43	71887	19.362	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	193136	18.201	ug/l	93
20) Methylene Chloride	2.85	84	67412	18.182	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	61521	16.831	ug/l #	80
22) Diisopropyl ether	3.86	45	176942	18.563	ug/l #	83
23) Vinyl Acetate	3.82	43	774250	91.048	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	104208	18.006	ug/l	96
25) 2-Butanone	4.67	43	240968	95.855	ug/l #	84
26) 2,2-Dichloropropane	4.59	77	91283	17.289	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	72940	17.938	ug/l	80
28) Bromochloromethane	5.01	49	44438	17.132	ug/l #	50
29) Tetrahydrofuran	5.13	42	142665	90.302	ug/l #	74
30) Chloroform	5.21	83	106398	17.702	ug/l	98
31) Cyclohexane	5.58	56	91675	17.551	ug/l #	80
32) 1,1,1-Trichloroethane	5.50	97	97456	17.247	ug/l	94
36) 1,1-Dichloropropene	5.80	75	78896	17.752	ug/l	93
37) Ethyl Acetate	4.84	43	84329	18.236	ug/l #	91
38) Carbon Tetrachloride	5.78	117	85717	17.040	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010296.D
 Acq On : 14 Jun 2019 13:32
 Operator : JC/SP
 Sample : VX0614MBS02
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

Quant Time: Jun 15 01:20:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103241	17.059	ug/l #	86
40) Benzene	6.14	78	246210	17.916	ug/l	99
41) Methacrylonitrile	5.04	41	44908	17.953	ug/l #	81
42) 1,2-Dichloroethane	6.20	62	78129	17.808	ug/l	93
43) Isopropyl Acetate	6.45	43	136190	17.615	ug/l #	88
44) Trichloroethene	7.21	130	74495	17.983	ug/l	87
45) 1,2-Dichloropropane	7.51	63	62939	18.298	ug/l	100
46) Dibromomethane	7.66	93	44136	17.127	ug/l	89
47) Bromodichloromethane	7.90	83	82661	17.166	ug/l	99
48) Methyl methacrylate	7.77	41	66172	18.300	ug/l #	78
49) 1,4-Dioxane	7.74	88	35381	343.196	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	446815	96.737	ug/l	91
52) Toluene	8.79	92	163889	18.142	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	93215	16.736	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	100830	16.887	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	68375	18.481	ug/l	96
56) Ethyl methacrylate	9.18	69	104246	17.837	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	104713	17.978	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	210474	76.394	ug/l #	86
59) 2-Hexanone	9.49	43	354444	96.246	ug/l	87
60) Dibromochloromethane	9.58	129	74361	16.992	ug/l	100
61) 1,2-Dibromoethane	9.67	107	72995	17.715	ug/l	99
64) Tetrachloroethene	9.34	164	70419	19.615	ug/l	97
65) Chlorobenzene	10.13	112	184626	18.506	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	68123	17.756	ug/l	98
67) Ethyl Benzene	10.25	91	312239	18.385	ug/l	95
68) m/p-Xylenes	10.36	106	242866	36.955	ug/l	90
69) o-Xylene	10.69	106	120337	18.420	ug/l	88
70) Styrene	10.71	104	203312	18.375	ug/l	95
71) Bromoform	10.85	173	59171	16.777	ug/l #	99
73) Isopropylbenzene	11.02	105	314537	17.696	ug/l	95
74) N-amyl acetate	10.90	43	125652	17.883	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	105989	17.420	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	116869	22.947	ug/l	84
77) Bromobenzene	11.26	156	87238	17.847	ug/l	80
78) n-propylbenzene	11.36	91	351171	17.746	ug/l	94
79) 2-Chlorotoluene	11.42	91	208009	17.502	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	262615	17.541	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	36271	15.735	ug/l	86
82) 4-Chlorotoluene	11.51	91	238650	17.677	ug/l	92
83) tert-Butylbenzene	11.77	119	267152	17.630	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	267662	17.700	ug/l	97
85) sec-Butylbenzene	11.94	105	314726	17.828	ug/l	96
86) p-Isopropyltoluene	12.06	119	293803	18.205	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	155794	18.095	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	155597	17.928	ug/l	98
89) n-Butylbenzene	12.38	91	256181	18.441	ug/l	97
90) Hexachloroethane	12.60	117	50345	15.660	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	155543	18.583	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23203	16.206	ug/l	67

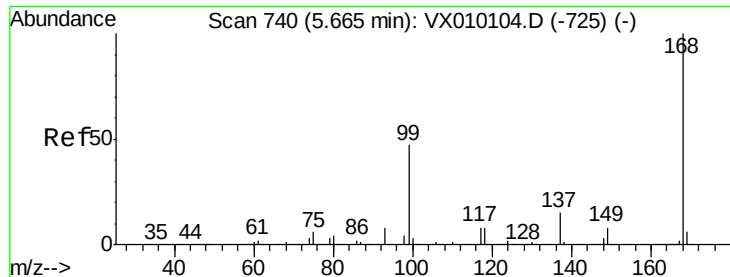
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
Data File : VX010296.D
Acq On : 14 Jun 2019 13:32
Operator : JC/SP
Sample : VX0614MBS02
Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS02

Quant Time: Jun 15 01:20:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111689	18.229	ug/l	98
94) Hexachlorobutadiene	13.78	225	52992	19.448	ug/l	98
95) Naphthalene	13.83	128	355362	18.425	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111566	18.416	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

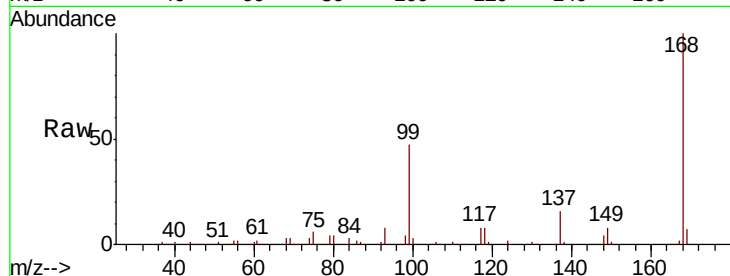
VX0614MBS02

Tot Ion:168 Resp: 367715

Ion Ratio Lower Upper

168 100

99 46.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

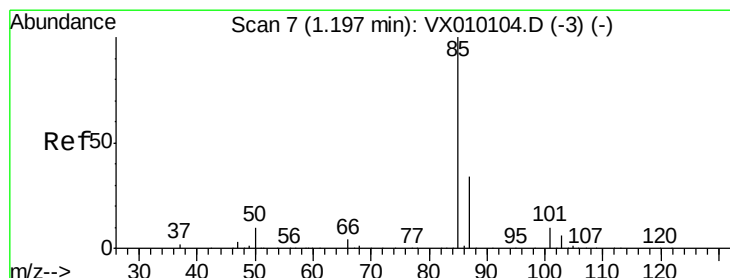
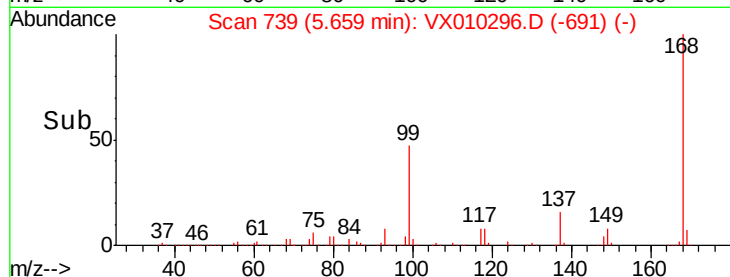
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.164 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010296.D

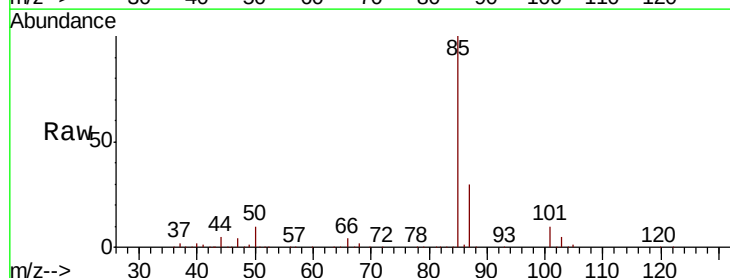
Acq: 14 Jun 2019 13:32

Tgt Ion: 85 Resp: 68225

Ion Ratio Lower Upper

85 100

87 30.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

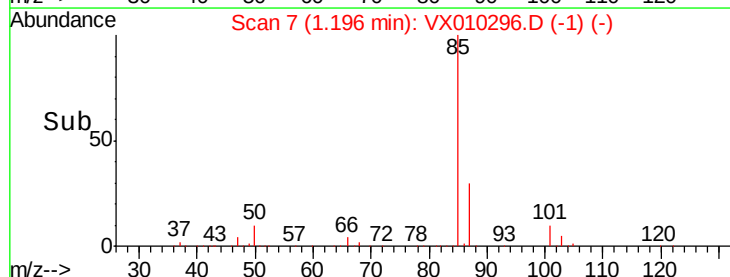
60000

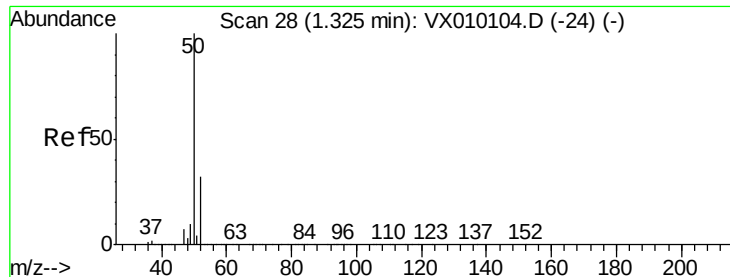
40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.433 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

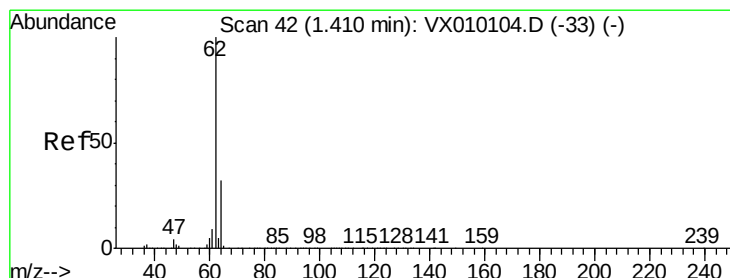
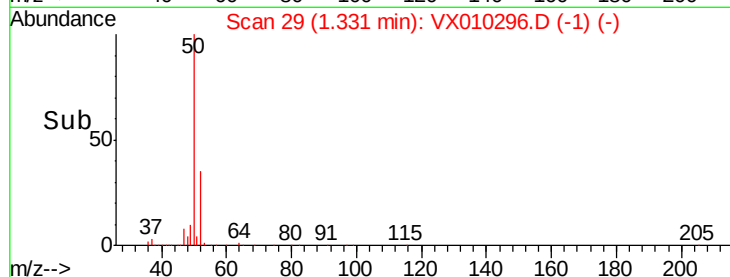
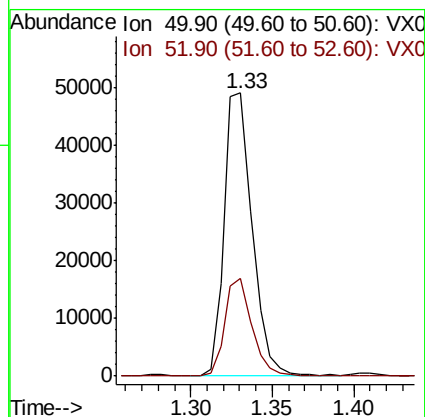
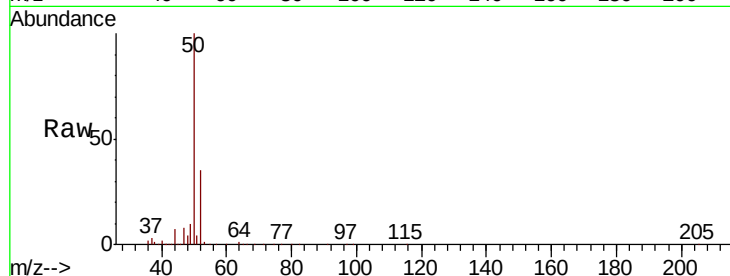
VX0614MBS02

Tot Ion: 50 Resp: 58578

Ion Ratio Lower Upper

50 100

52 34.7 26.0 39.0



#4

Vinyl Chloride

Concen: 18.881 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010296.D

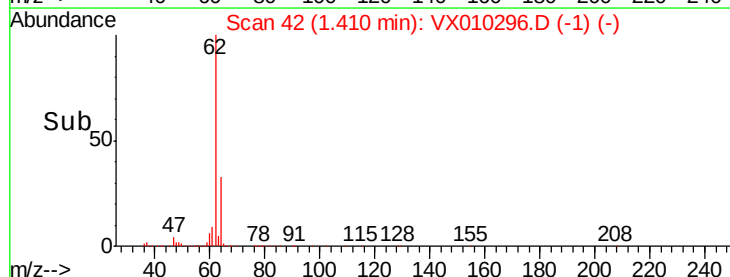
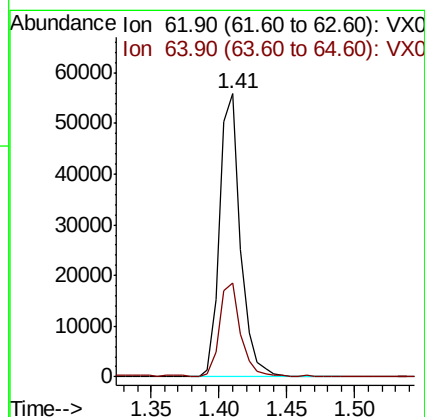
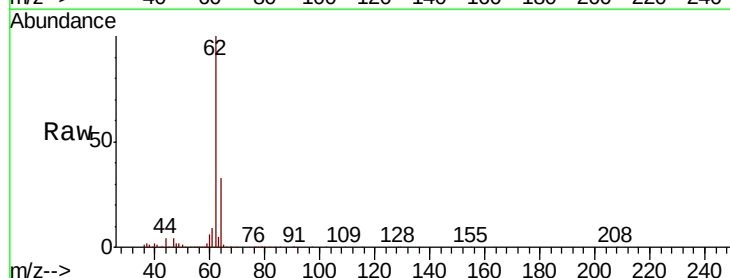
Acq: 14 Jun 2019 13:32

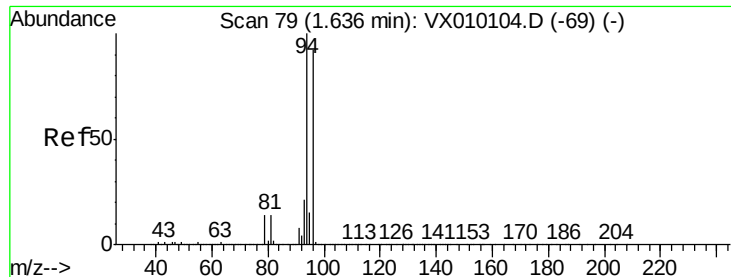
Tgt Ion: 62 Resp: 59629

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 24.072 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

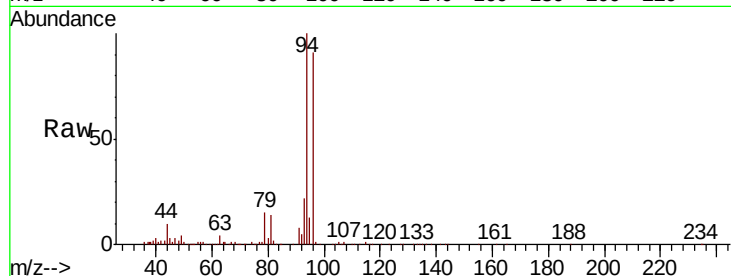
VX0614MBS02

Tot Ion: 94 Resp: 28687

Ion Ratio Lower Upper

94 100

96 90.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

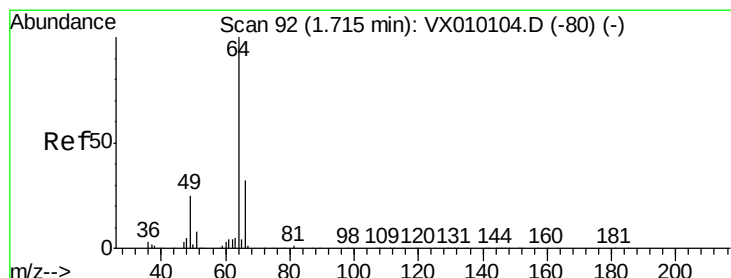
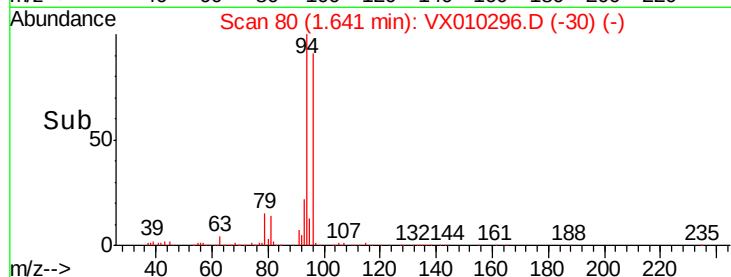
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 21.319 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010296.D

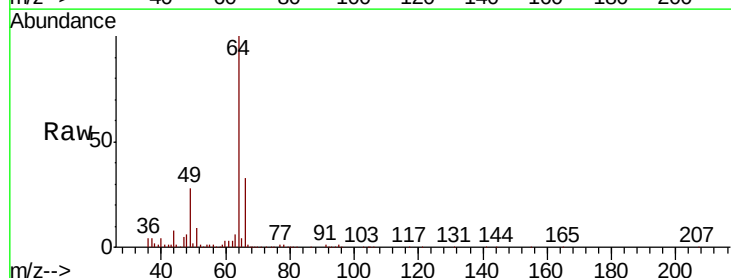
Acq: 14 Jun 2019 13:32

Tgt Ion: 64 Resp: 33945

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

15000

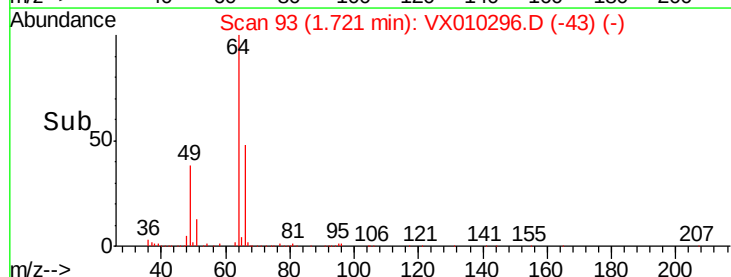
10000

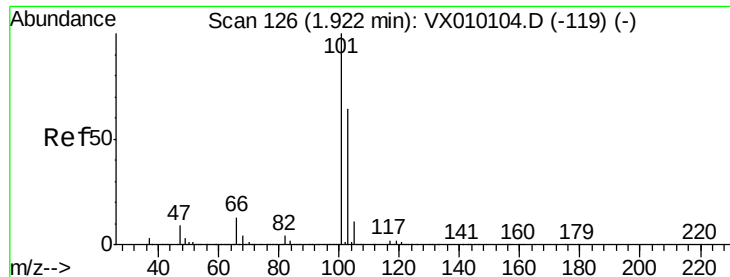
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



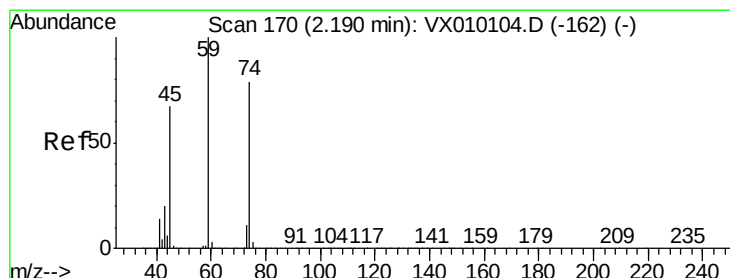
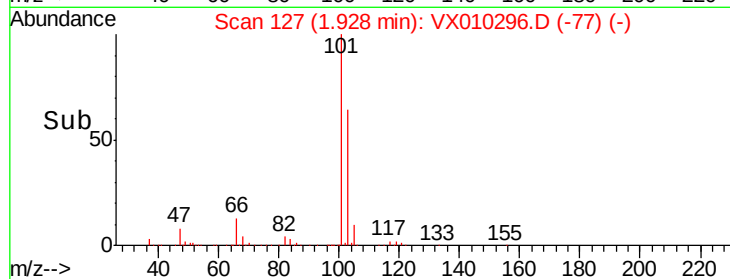
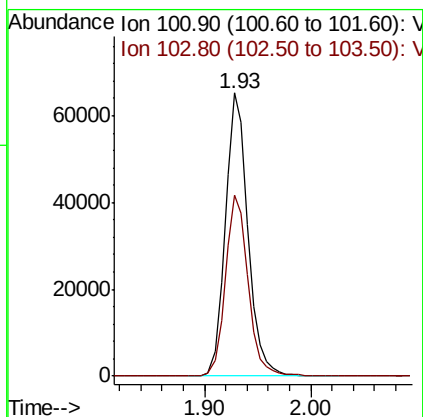
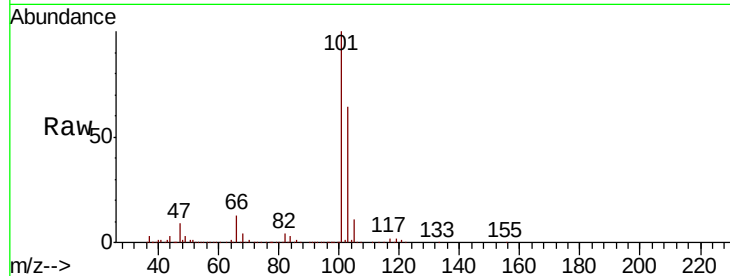


#7

Trichlorofluoromethane
Concen: 20.651 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS02

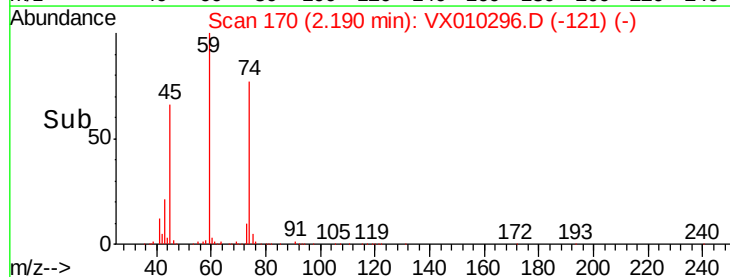
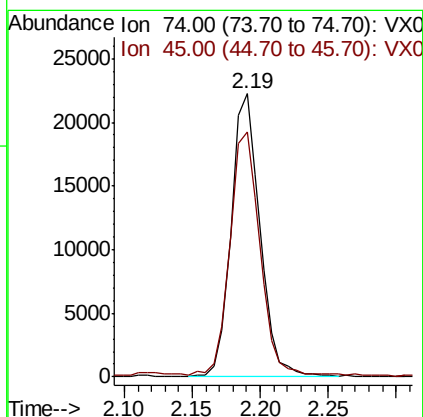
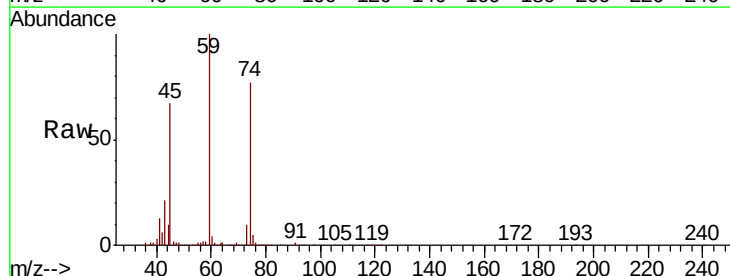
Tot Ion:101 Resp: 96876
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

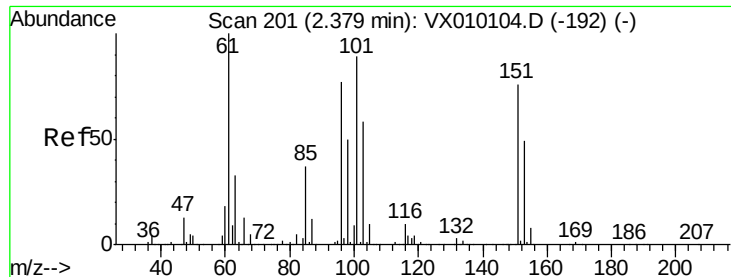


#8

Diethyl Ether
Concen: 20.269 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Tgt Ion: 74 Resp: 32772
Ion Ratio Lower Upper
74 100
45 88.6 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.326 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

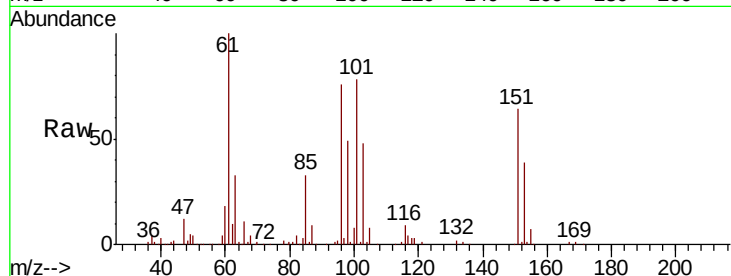
Tot Ion:101 Resp: 59260

Ion Ratio Lower Upper

101 100

85 42.6 35.2 52.8

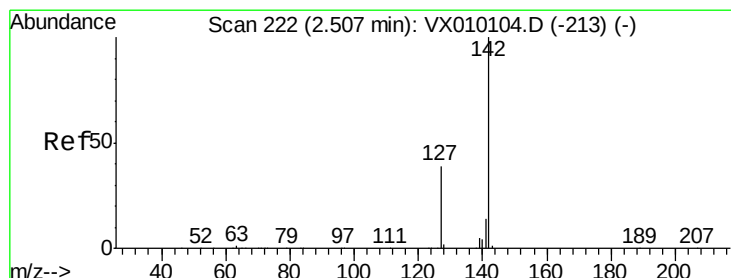
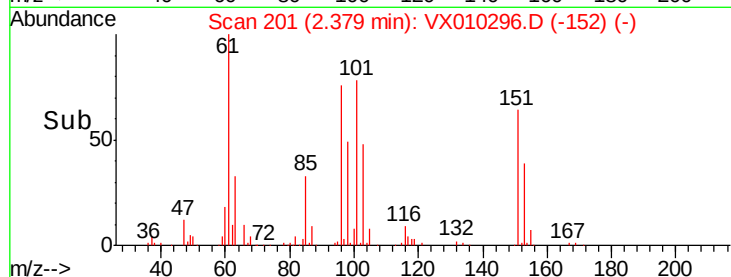
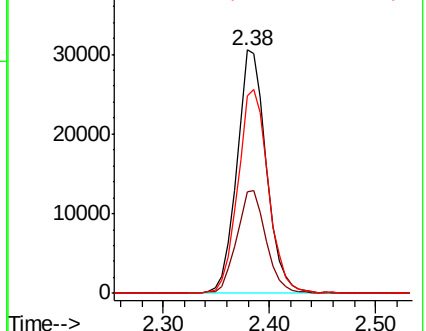
151 86.6 61.9 92.9



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: 16.058 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

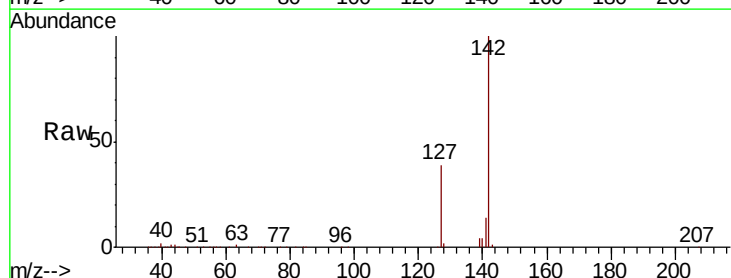
Tgt Ion:142 Resp: 80455

Ion Ratio Lower Upper

142 100

127 38.0 33.0 49.4

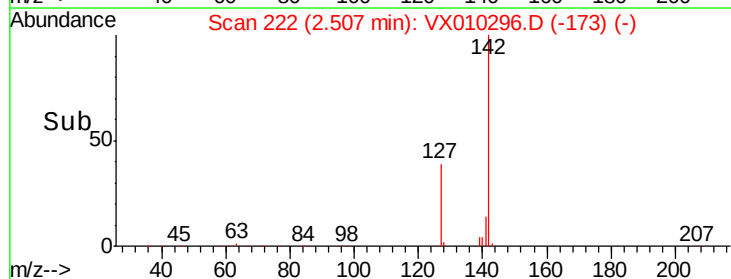
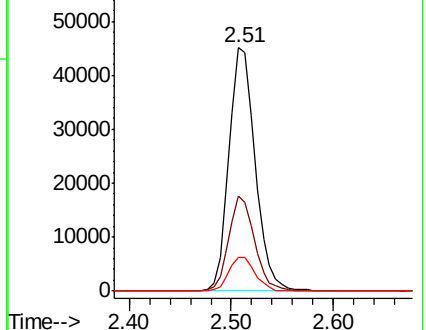
141 14.2 11.4 17.0

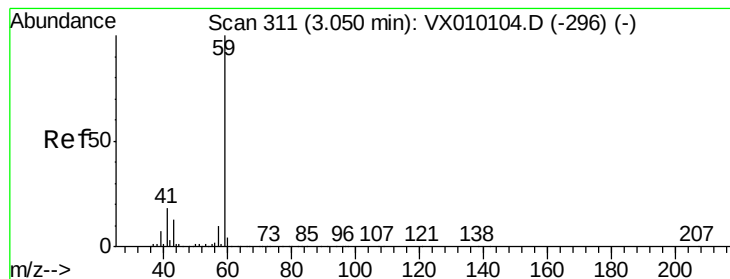


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.463 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

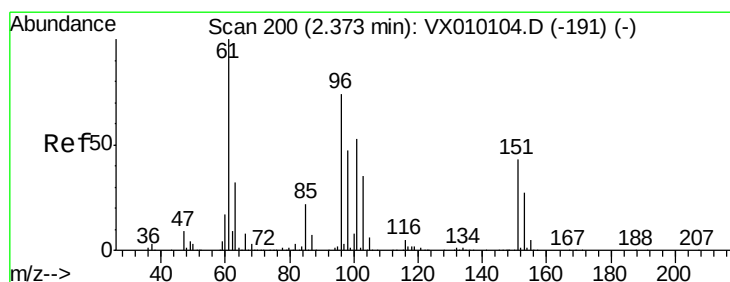
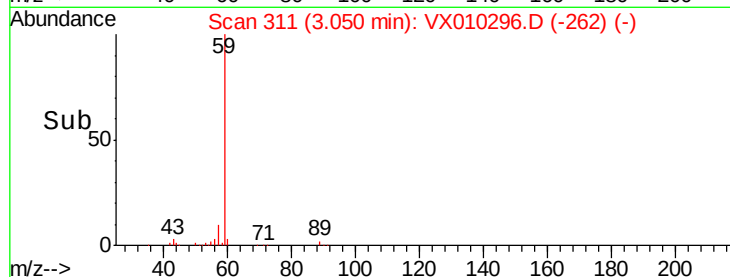
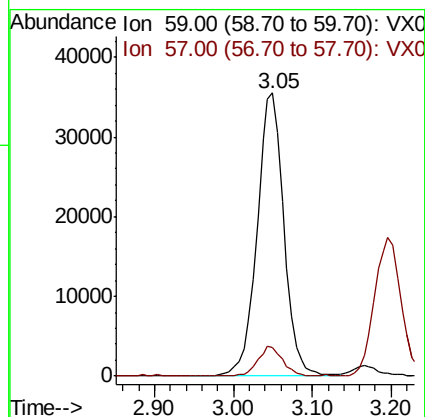
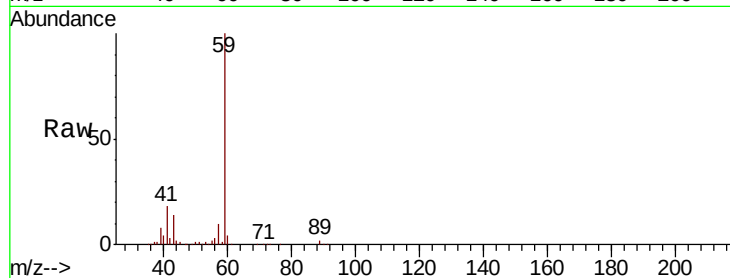
VX0614MBS02

Tot Ion: 59 Resp: 83939

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.2



#12

1,1-Dichloroethene

Concen: 17.833 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

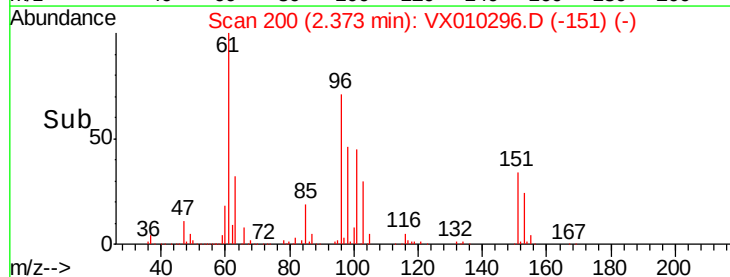
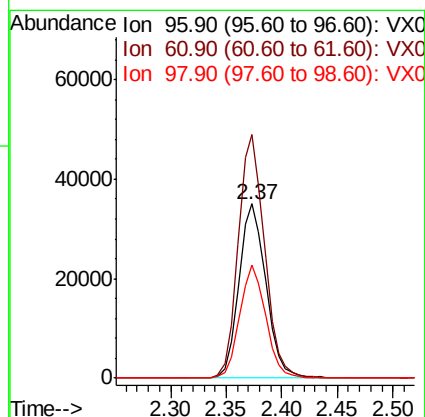
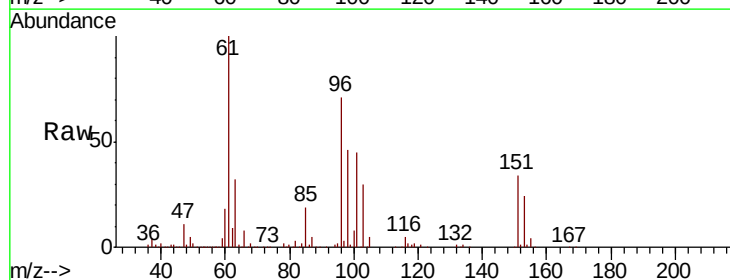
Tgt Ion: 96 Resp: 58901

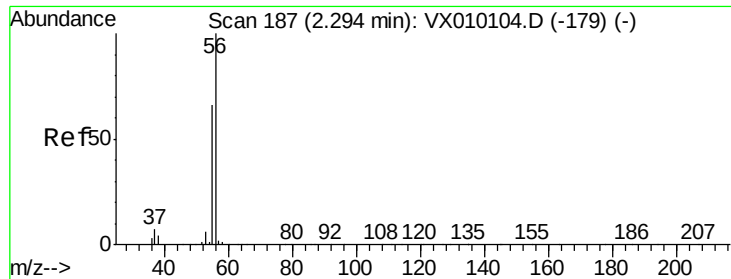
Ion Ratio Lower Upper

96 100

61 139.9 140.7 211.1#

98 64.7 50.1 75.1





#13

Acrolein

Concen: 52.611 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

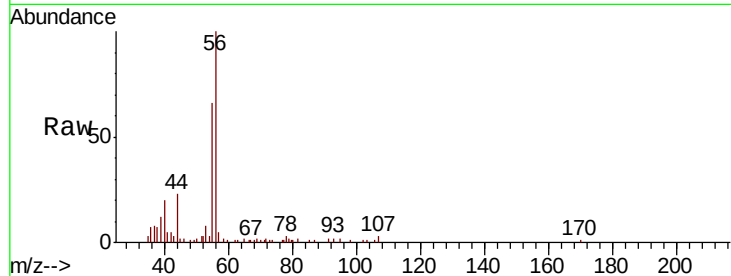
VX0614MBS02

Tot Ion: 56 Resp: 8435

Ion Ratio Lower Upper

56 100

55 73.5 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

5000

4000

3000

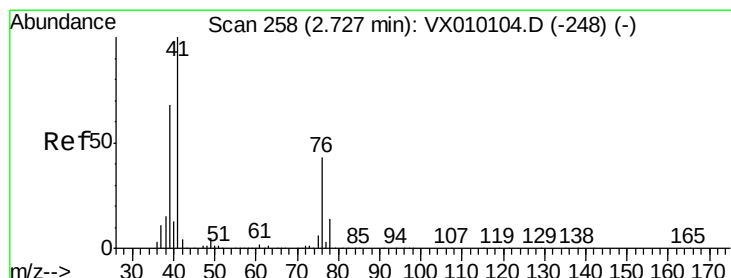
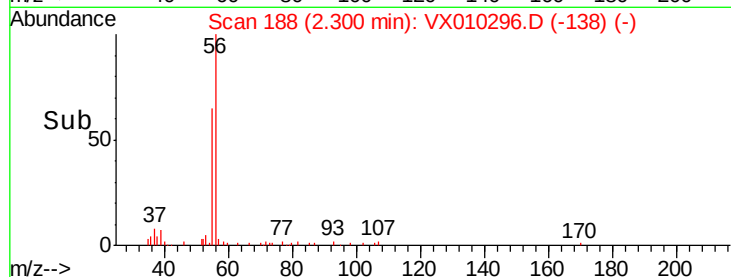
2000

1000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 17.158 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

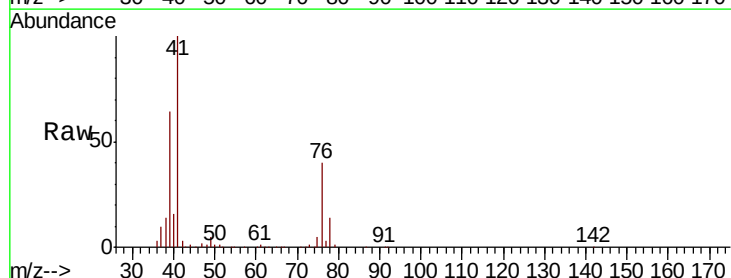
Tgt Ion: 41 Resp: 85542

Ion Ratio Lower Upper

41 100

39 63.2 46.7 70.1

76 39.2 21.0 31.4#



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

60000

50000

40000

30000

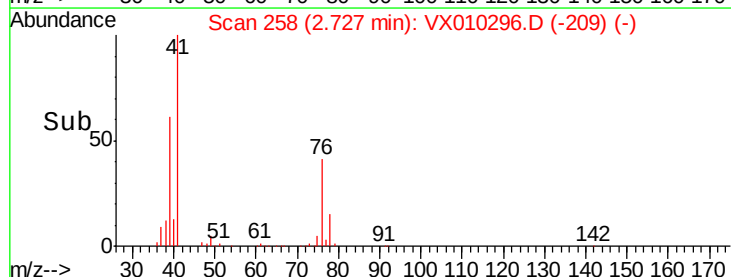
20000

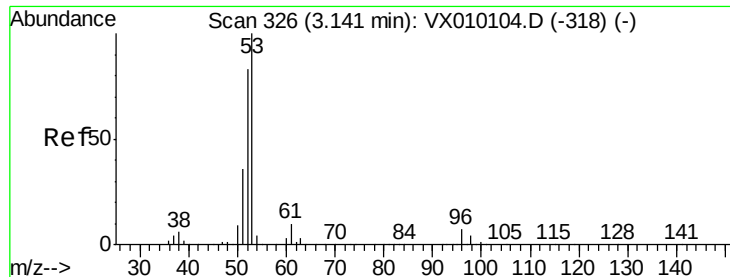
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 92.643 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

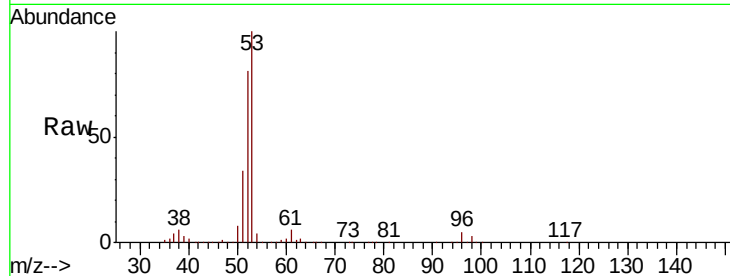
Tot Ion: 53 Resp: 166502

Ion Ratio Lower Upper

53 100

52 82.1 66.7 100.1

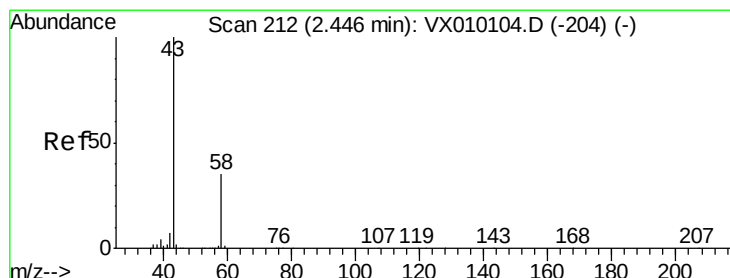
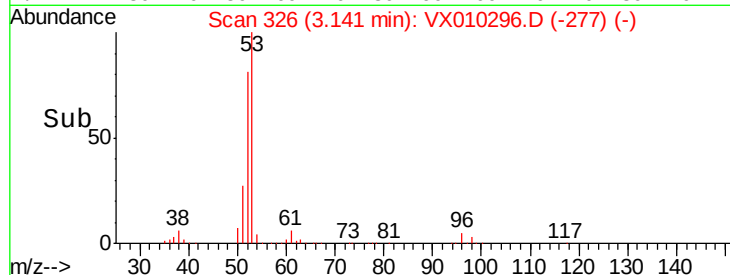
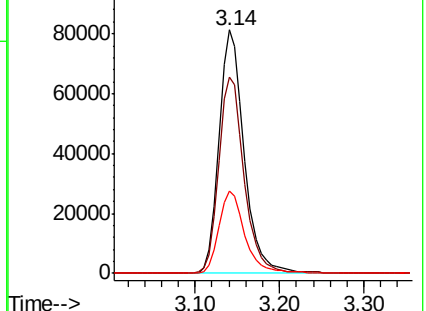
51 35.0 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.351 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010296.D

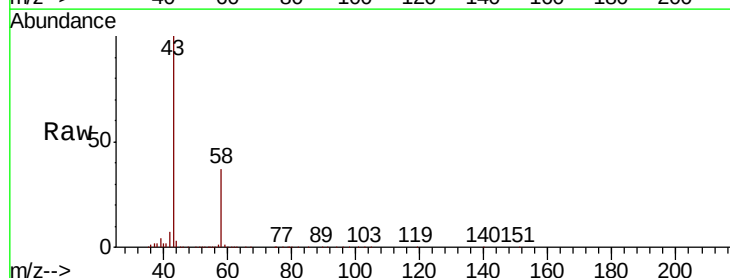
Acq: 14 Jun 2019 13:32

Tgt Ion: 43 Resp: 164349

Ion Ratio Lower Upper

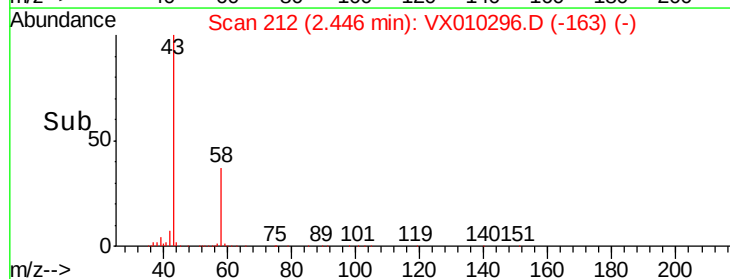
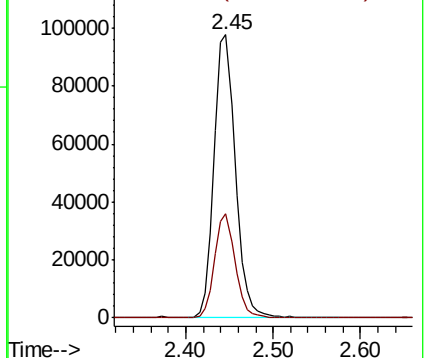
43 100

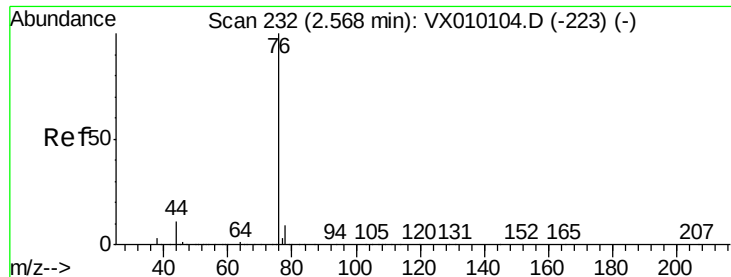
58 36.7 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.791 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

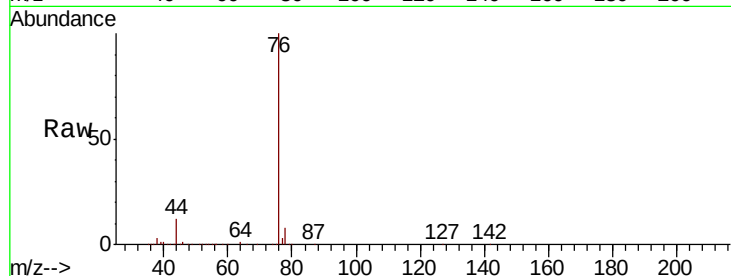
VX0614MBS02

Tot Ion: 76 Resp: 141162

Ion Ratio Lower Upper

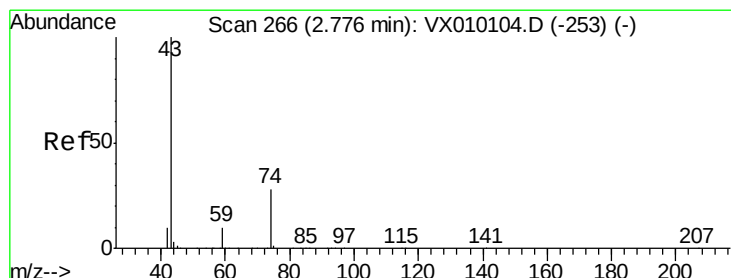
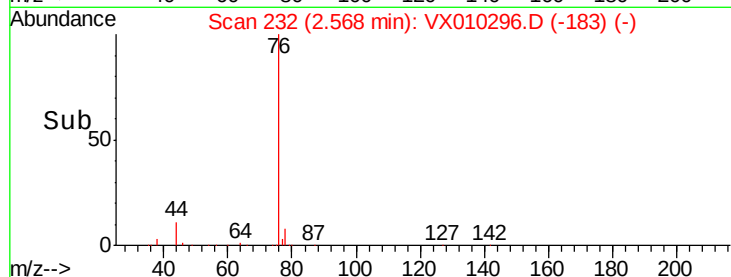
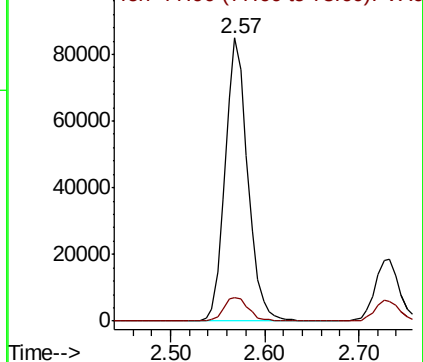
76 100

78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.362 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010296.D

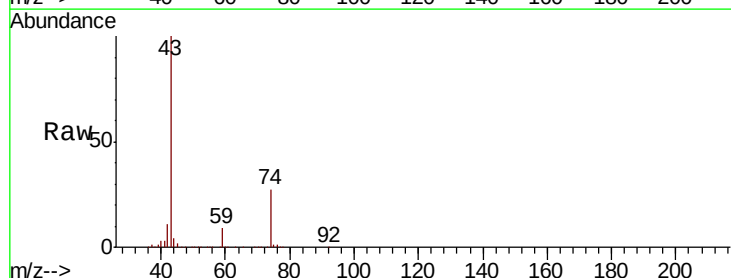
Acq: 14 Jun 2019 13:32

Tgt Ion: 43 Resp: 71887

Ion Ratio Lower Upper

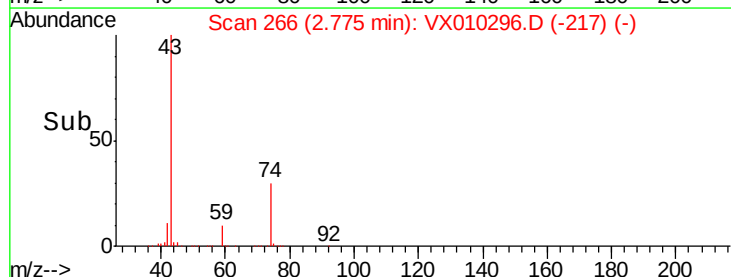
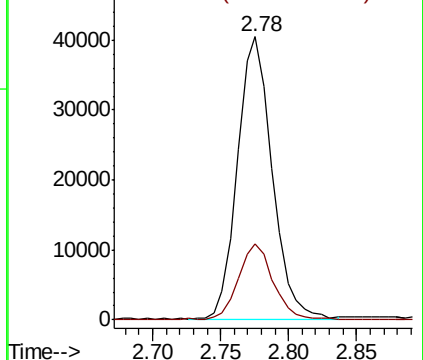
43 100

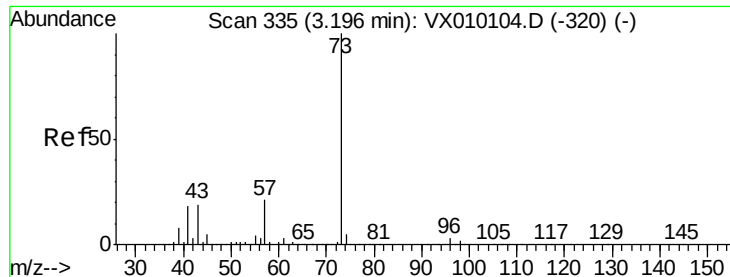
74 27.4 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

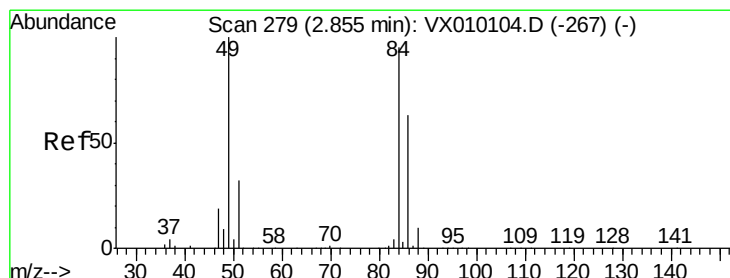
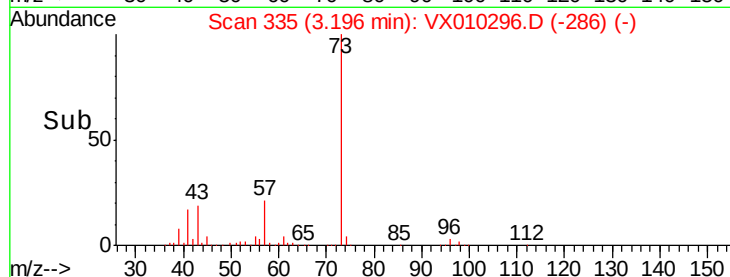
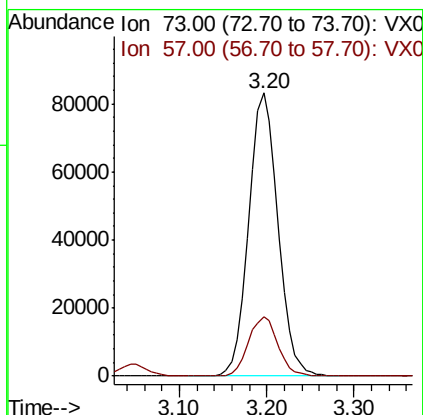
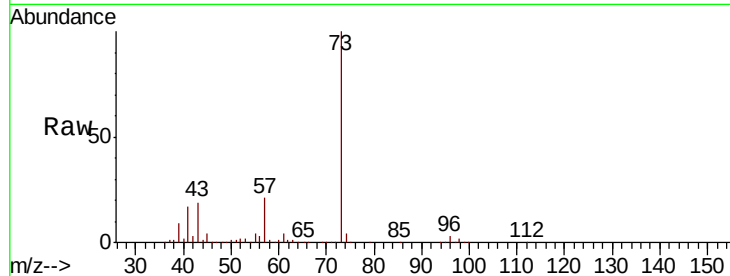




#19
Methvl tert-butyl Ether
Concen: 18.201 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

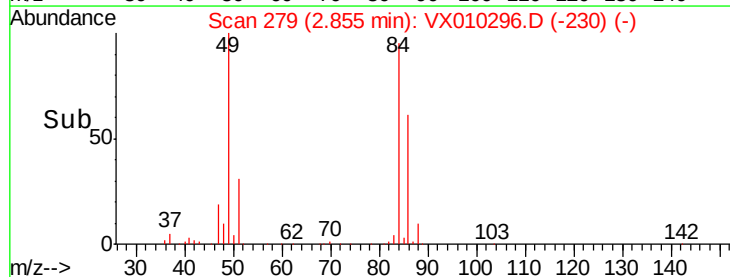
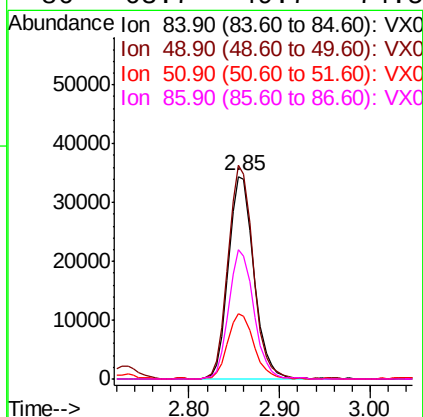
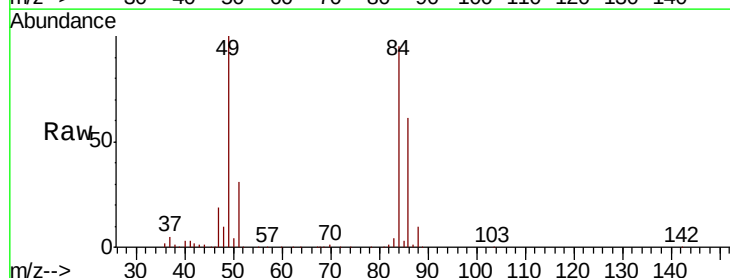
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS02

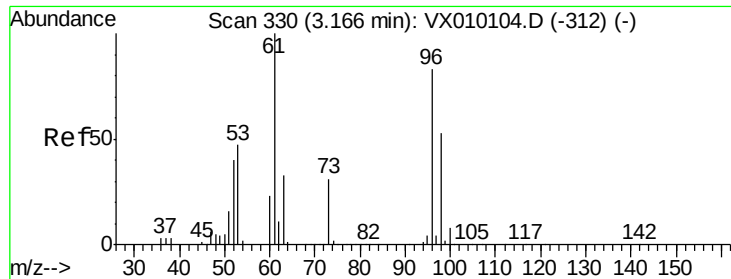
Tot Ion: 73 Resp: 193136
Ion Ratio Lower Upper
73 100
57 20.8 19.4 29.2



#20
Methylene Chloride
Concen: 18.182 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Tgt Ion: 84 Resp: 67412
Ion Ratio Lower Upper
84 100
49 105.1 115.8 173.6#
51 32.4 34.4 51.6#
86 63.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 16.831 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

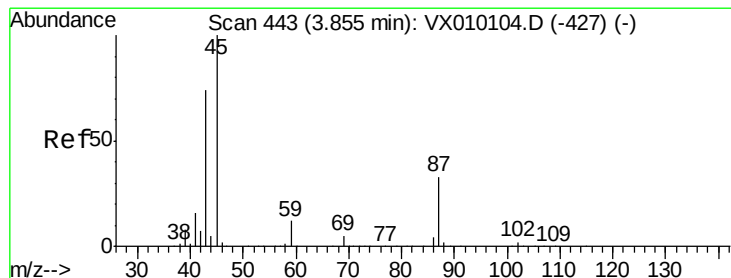
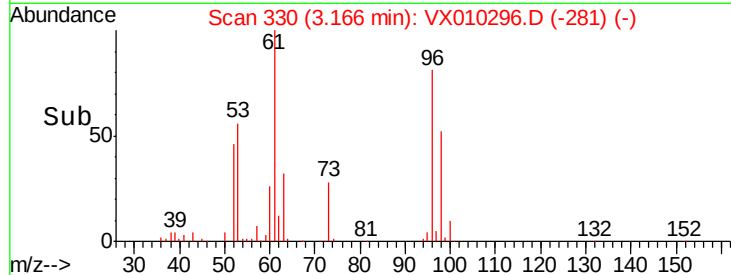
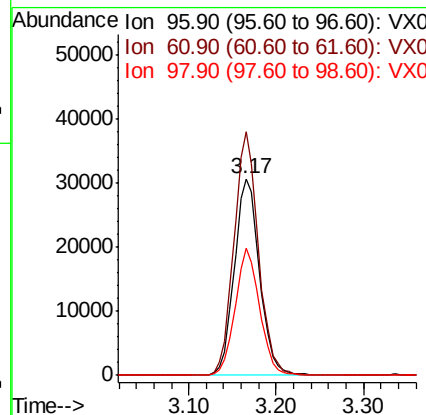
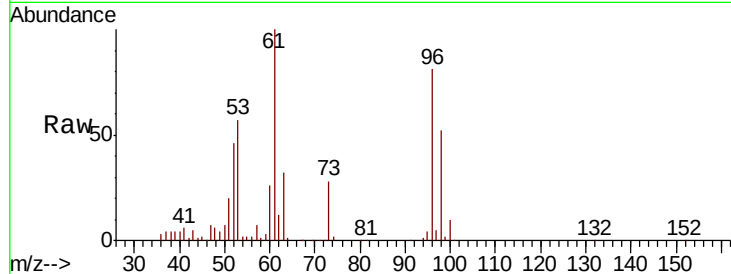
Tot Ion: 96 Resp: 61521

Ion Ratio Lower Upper

96 100

61 124.1 125.7 188.5#

98 64.9 49.0 73.6



#22

Diisopropyl ether

Concen: 18.563 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Tgt Ion: 45 Resp: 176942

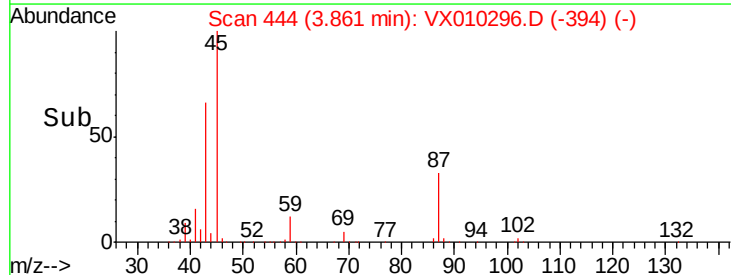
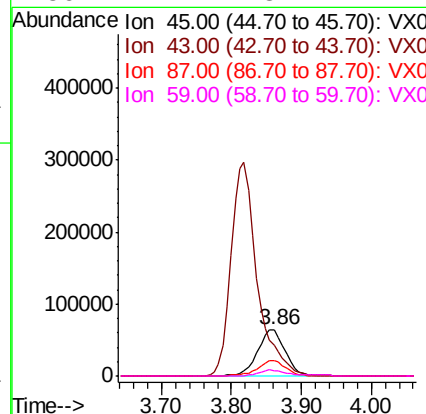
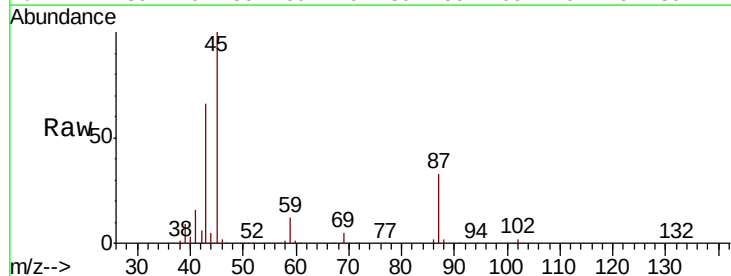
Ion Ratio Lower Upper

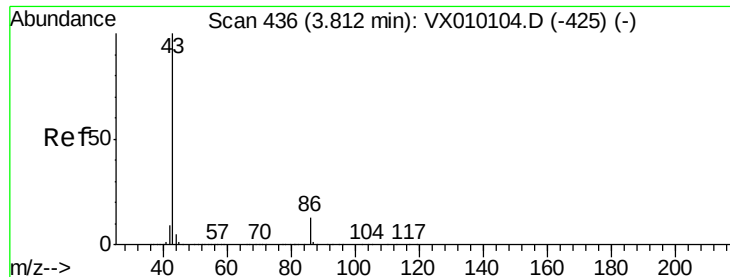
45 100

43 66.1 65.0 97.4

87 32.8 17.3 25.9#

59 12.2 8.1 12.1#





#23

Vinyl Acetate

Concen: 91.048 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

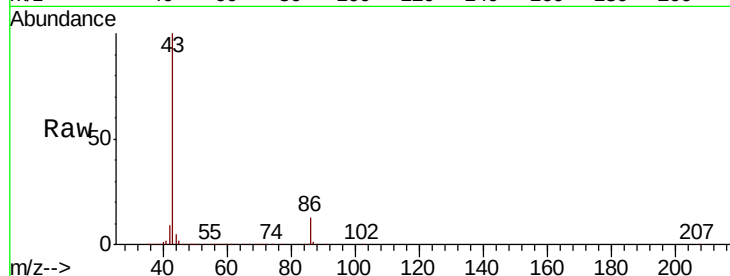
VX0614MBS02

Tot Ion: 43 Resp: 774250

Ion Ratio Lower Upper

43 100

86 12.5 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

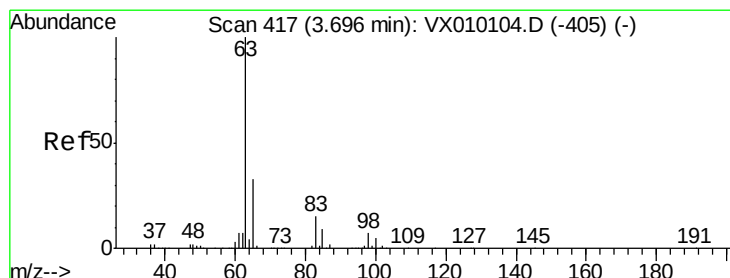
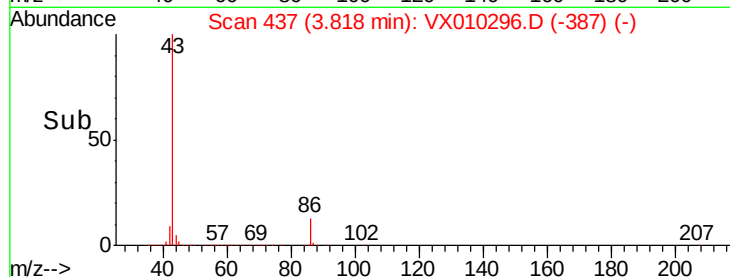
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 18.006 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

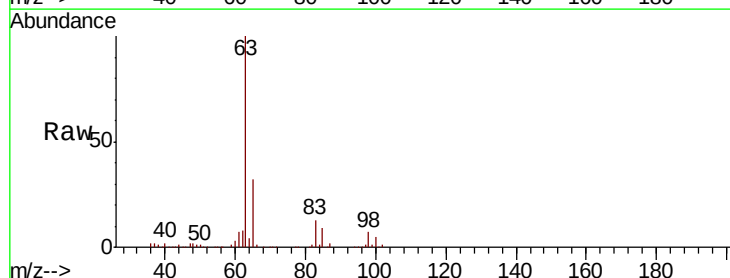
Tgt Ion: 63 Resp: 104208

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.8

100 4.8 1.8 5.4



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

3.70

50000

40000

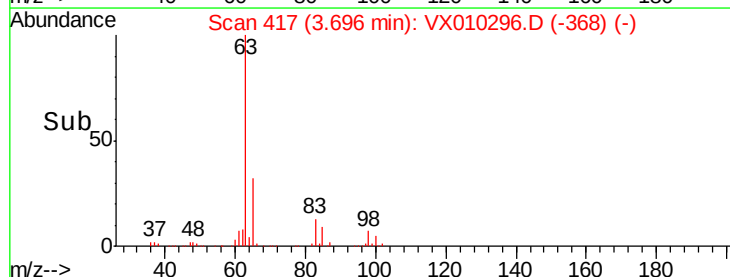
30000

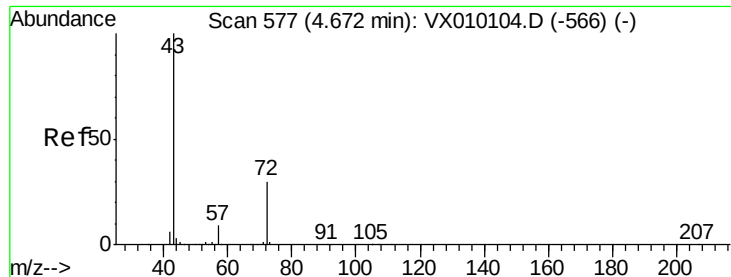
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 95.855 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

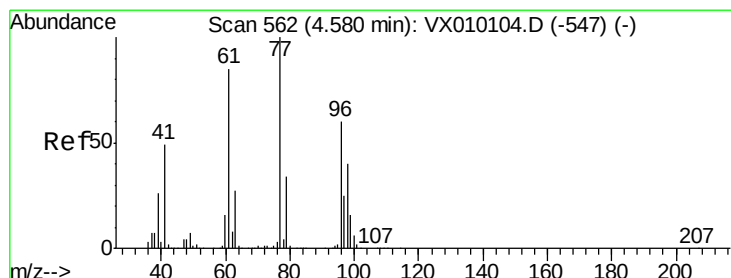
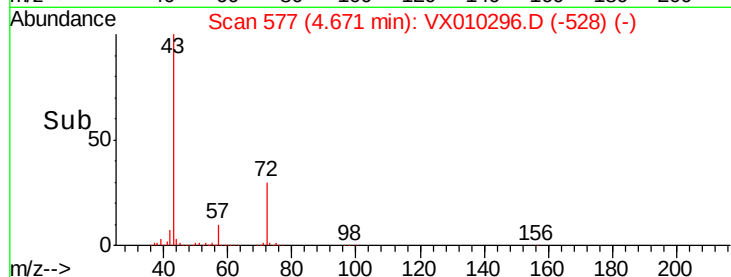
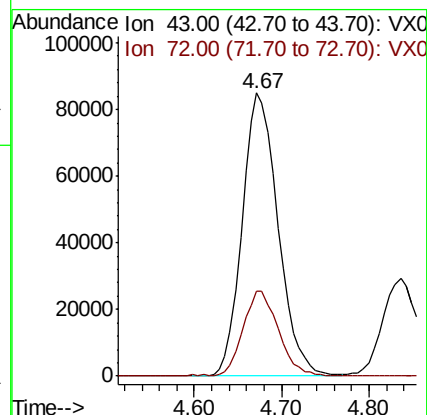
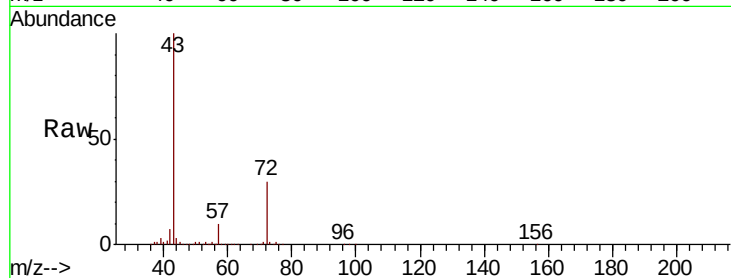
VX0614MBS02

Tot Ion: 43 Resp: 240968

Ion Ratio Lower Upper

43 100

72 29.6 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 17.289 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010296.D

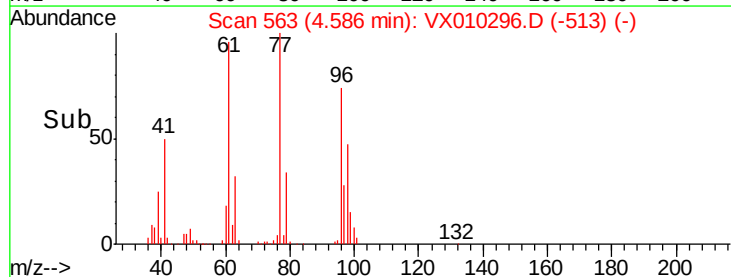
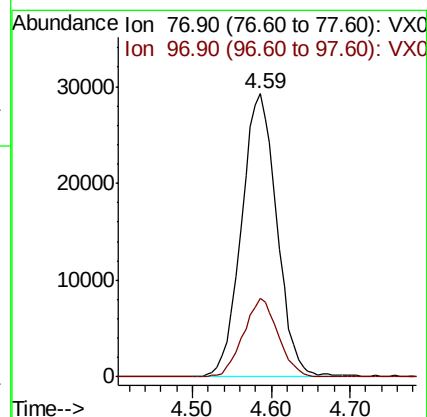
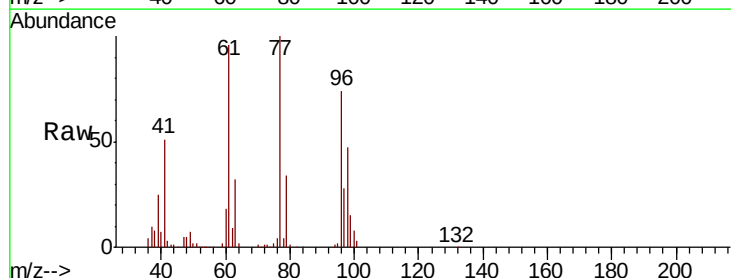
Acq: 14 Jun 2019 13:32

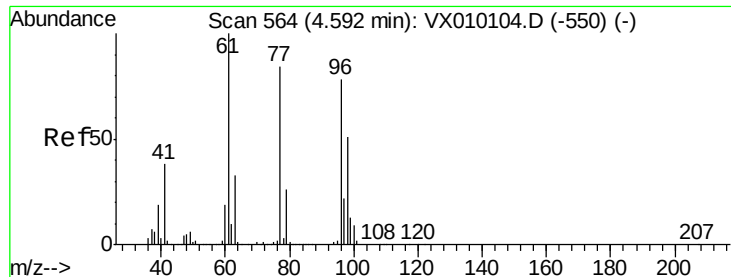
Tgt Ion: 77 Resp: 91283

Ion Ratio Lower Upper

77 100

97 27.2 11.4 34.2



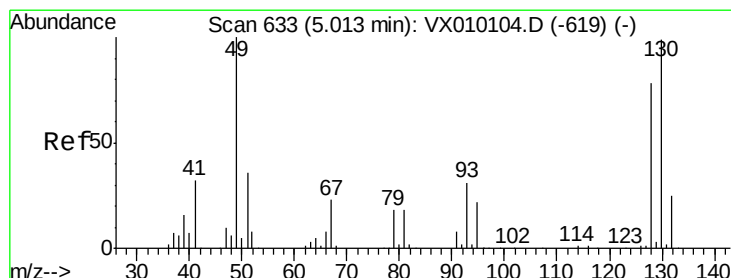
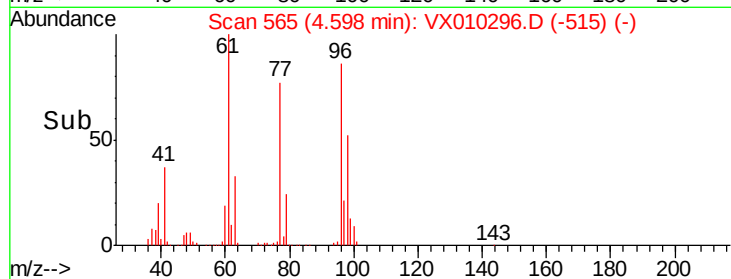
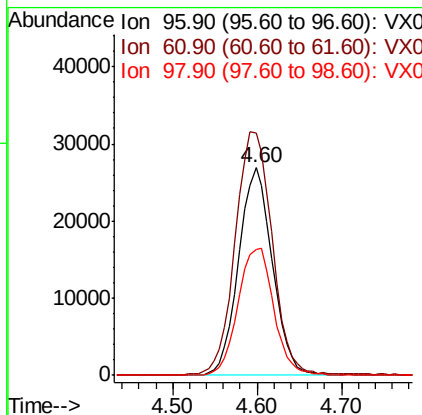
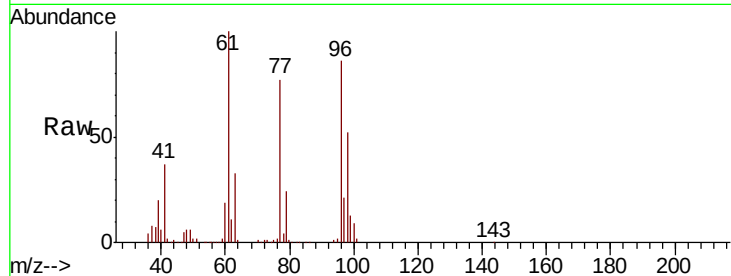


#27

cis-1,2-Dichloroethene
 Concen: 17.938 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

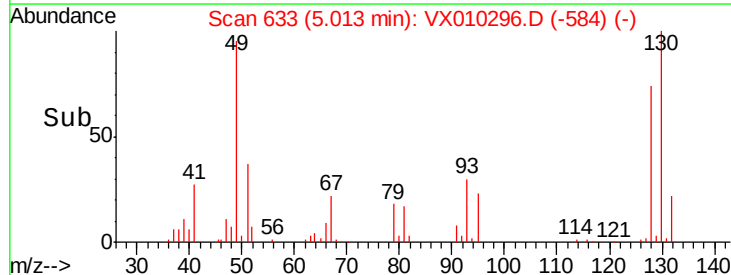
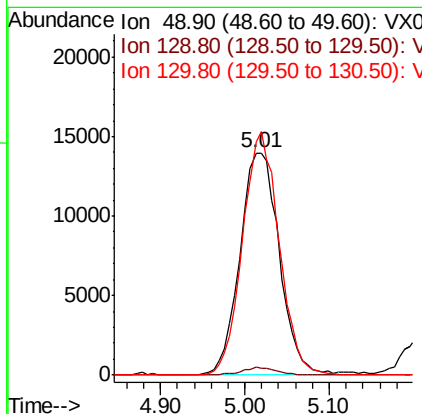
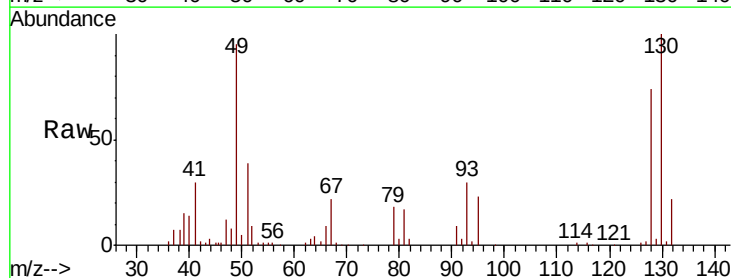
Tot Ion: 96 Resp: 72940
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 334.0
 98 65.0 0.0 131.6

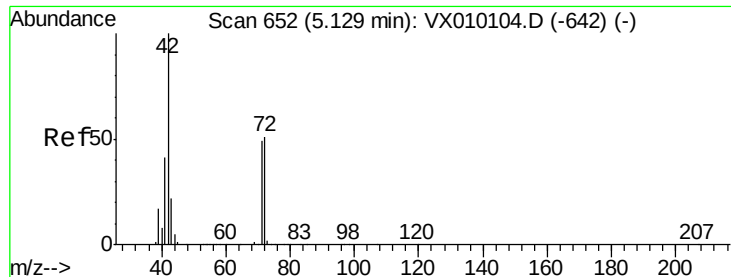


#28

Bromochloromethane
 Concen: 17.132 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Tgt Ion: 49 Resp: 44438
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 3.4
 130 101.0 49.4 74.2#





#29

Tetrahydrofuran

Concen: 90.302 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

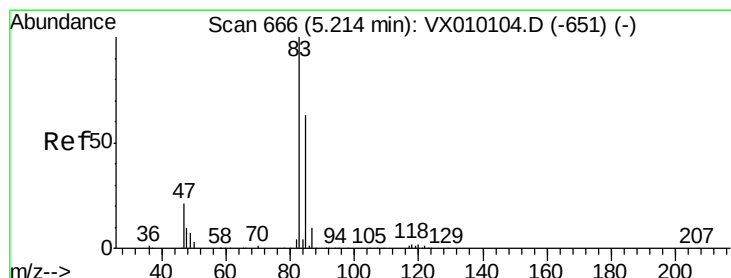
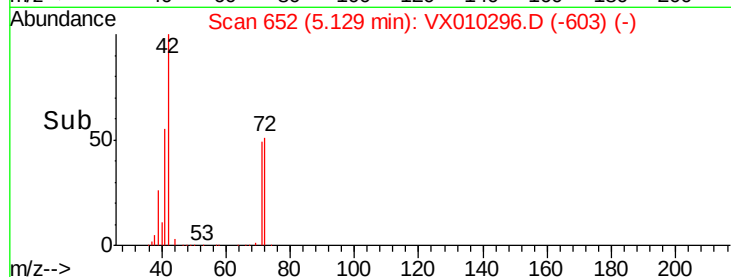
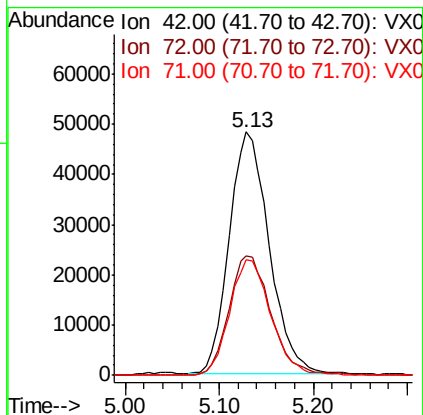
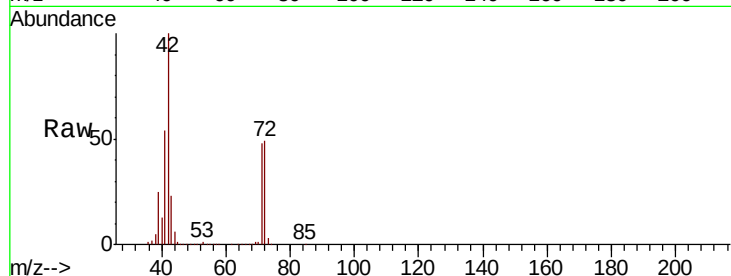
Tot Ion: 42 Resp: 142665

Ion Ratio Lower Upper

42 100

72 52.1 29.2 43.8#

71 49.3 27.6 41.4#



#30

Chloroform

Concen: 17.702 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010296.D

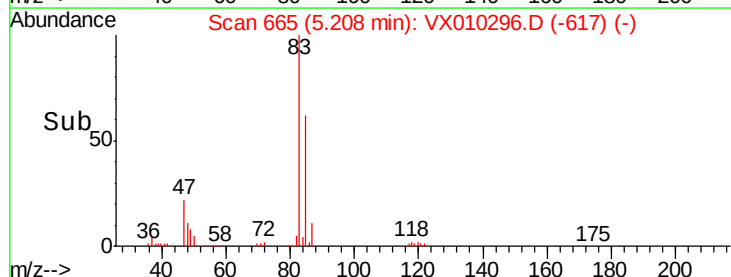
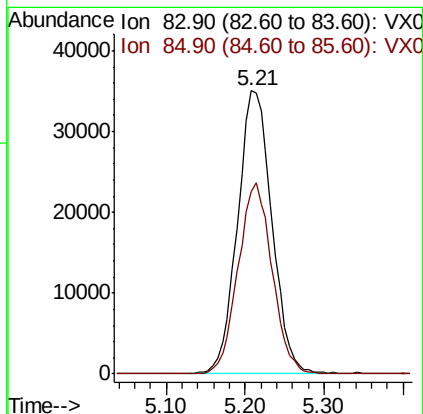
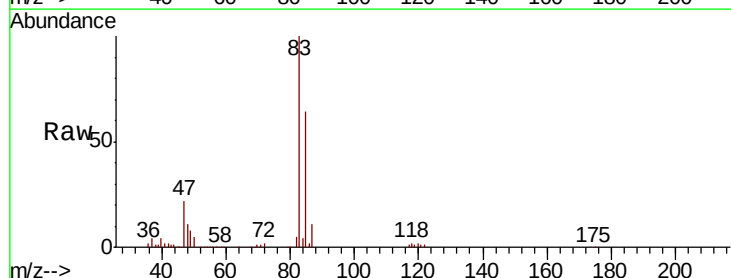
Acq: 14 Jun 2019 13:32

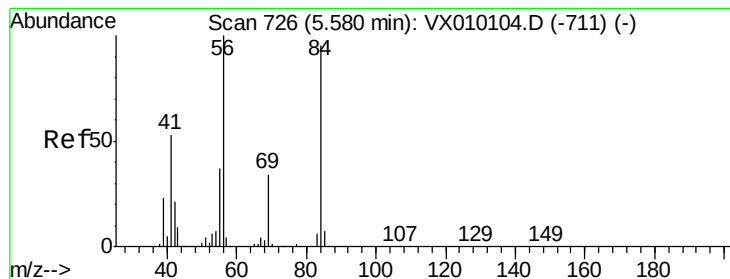
Tgt Ion: 83 Resp: 106398

Ion Ratio Lower Upper

83 100

85 64.0 52.6 78.8





#31

Cyclohexane

Concen: 17.551 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

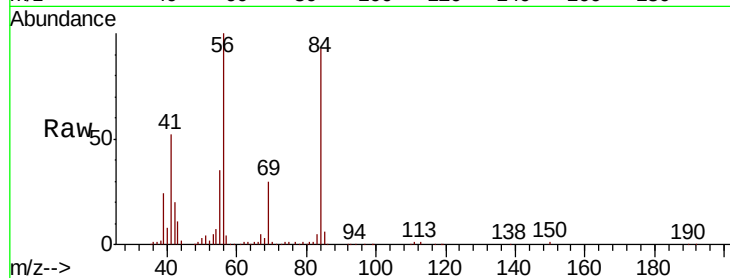
Tot Ion: 56 Resp: 91675

Ion Ratio Lower Upper

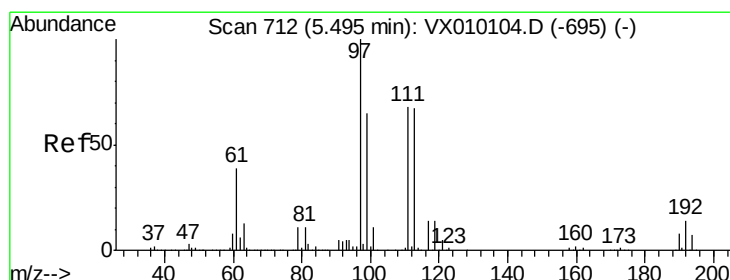
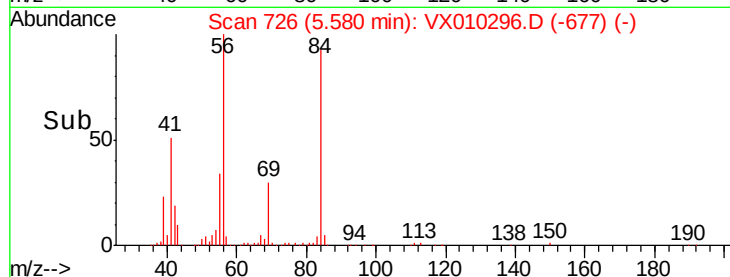
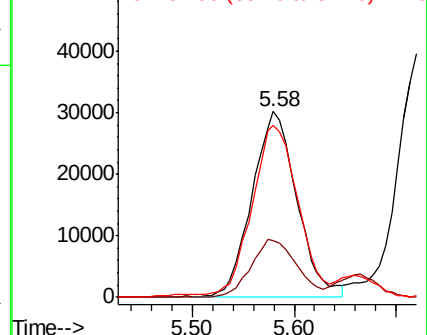
56 100

69 30.3 21.6 32.4

84 91.3 56.8 85.2#



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: 17.247 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

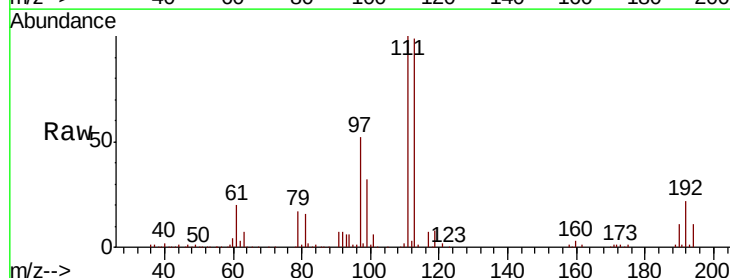
Tgt Ion: 97 Resp: 97456

Ion Ratio Lower Upper

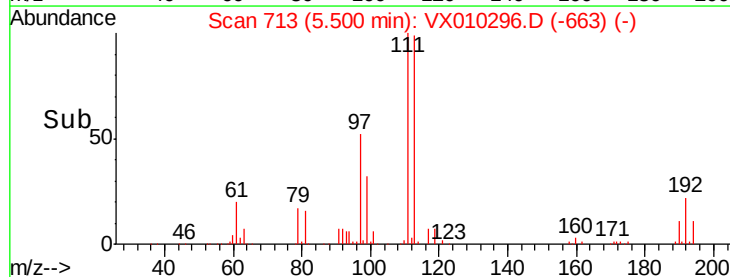
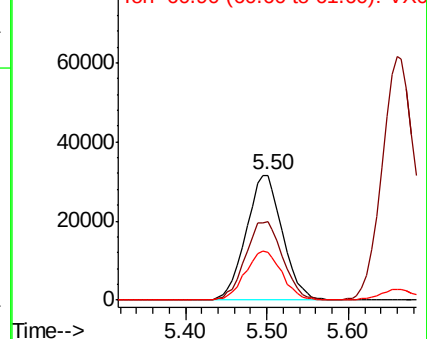
97 100

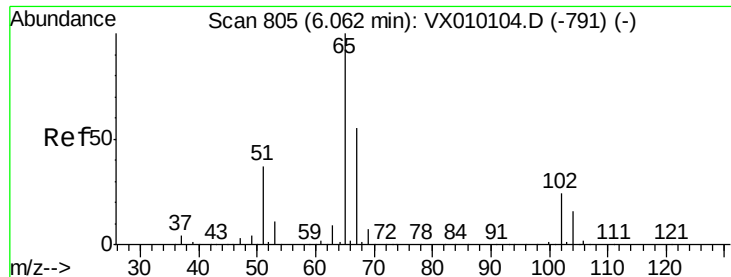
99 64.6 51.0 76.4

61 39.8 38.7 58.1



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

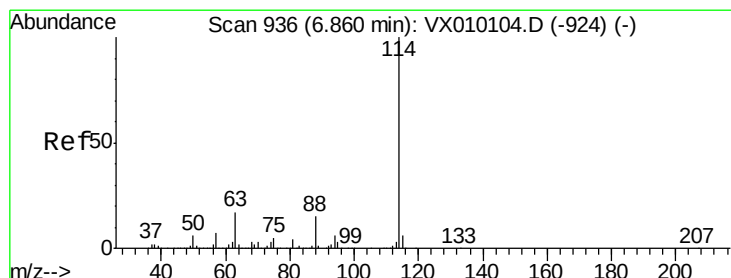
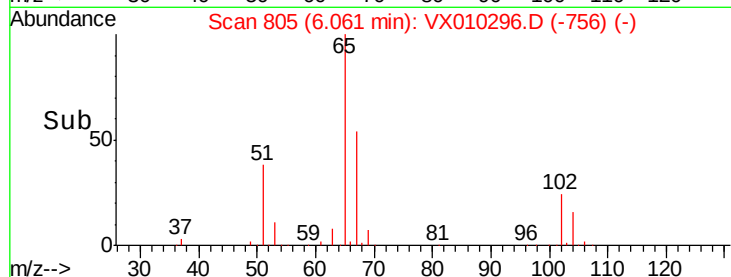
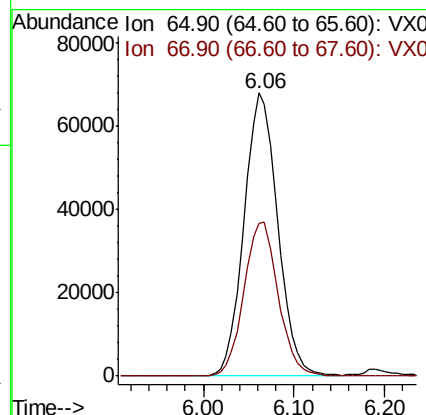
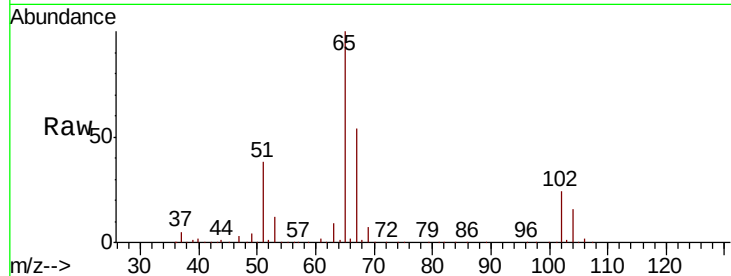




#33
 1,2-Dichloroethane-d4
 Concen: 48.818 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

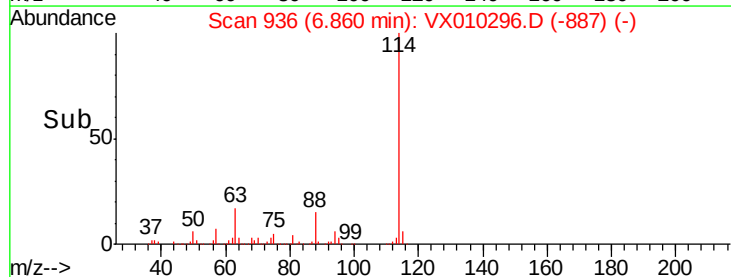
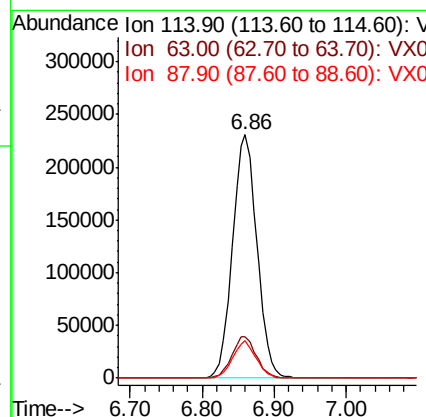
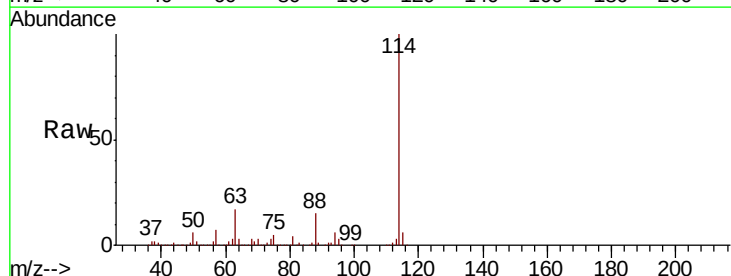
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

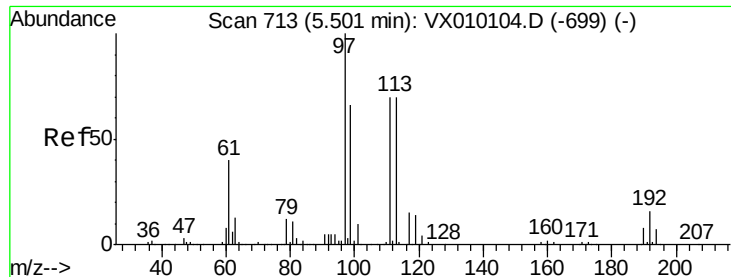
Tot Ion: 65 Resp: 175225
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Tgt Ion: 114 Resp: 544752
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 47.4
 88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.252 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

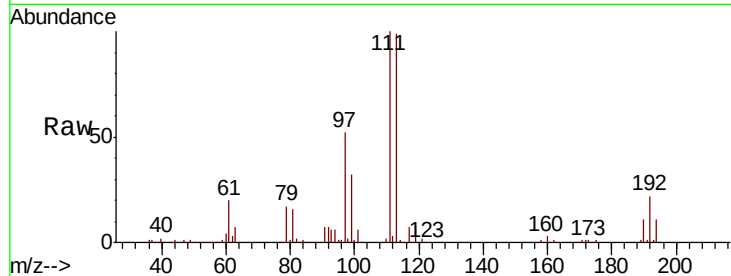
Tot Ion:113 Resp: 172214

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

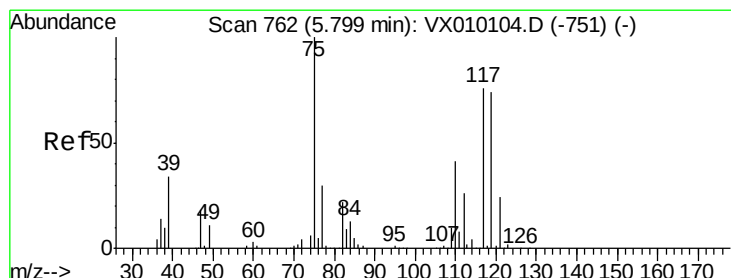
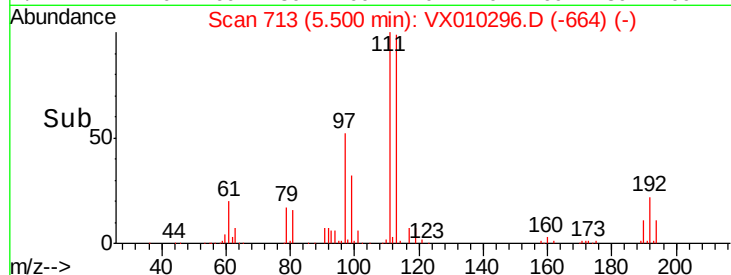
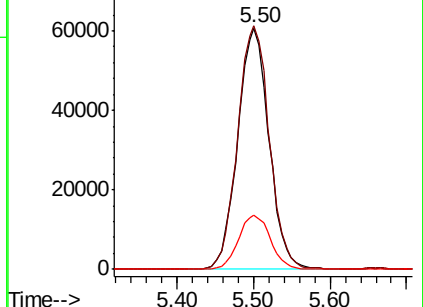
192 23.0 17.1 25.7



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: 17.752 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

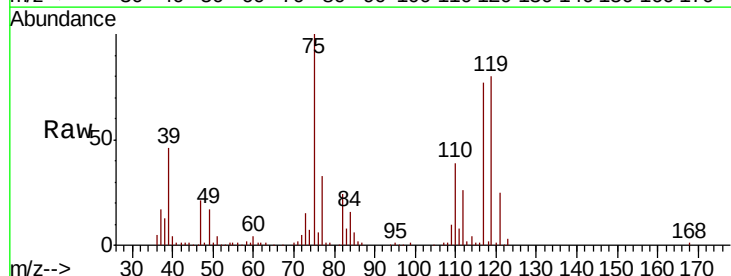
Tgt Ion: 75 Resp: 78896

Ion Ratio Lower Upper

75 100

110 40.4 16.7 50.1

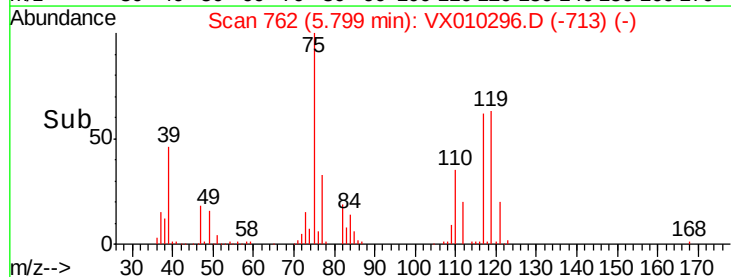
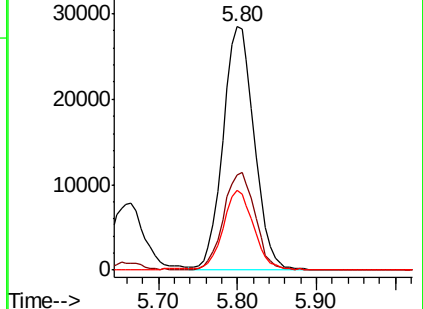
77 32.1 25.0 37.4

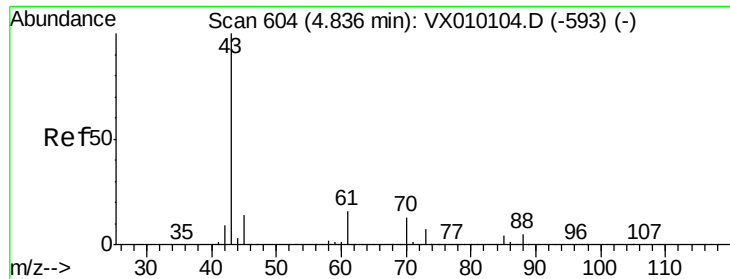


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

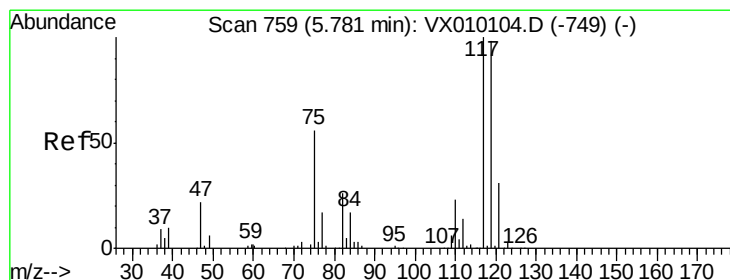
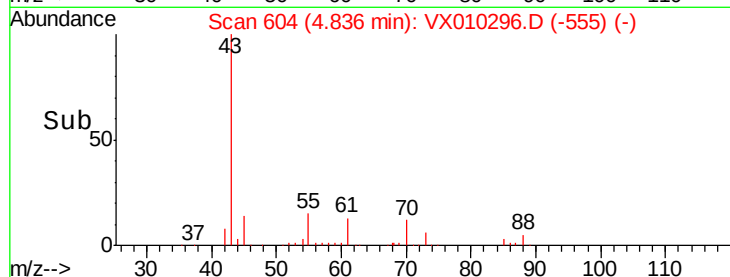
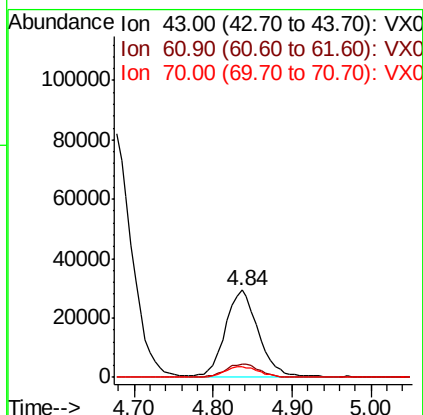
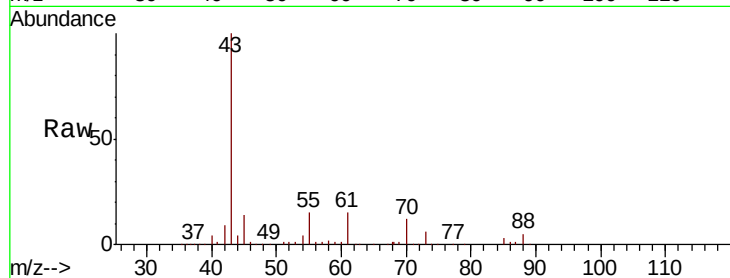




#37
Ethyl Acetate
Concen: 18.236 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

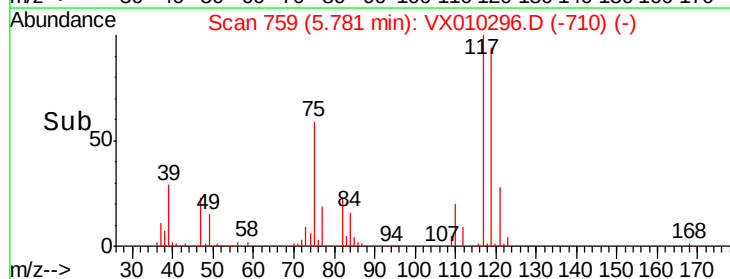
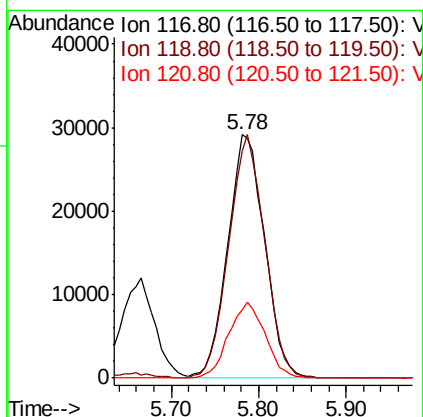
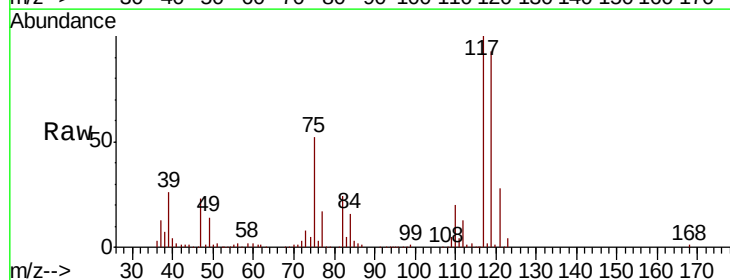
Instrument :
MSVOA_X
ClientSampled :
VX0614MBS02

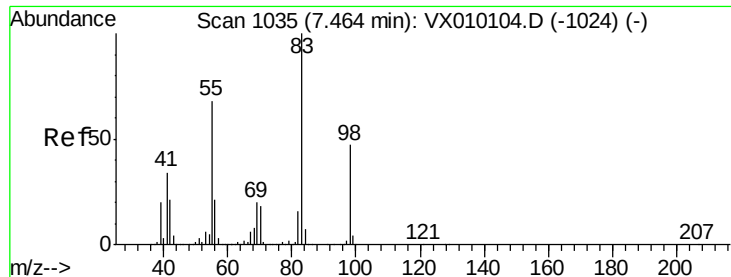
Tot Ion: 43 Resp: 84329
Ion Ratio Lower Upper
43 100
61 15.7 10.2 15.2#
70 13.2 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 17.040 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Tgt Ion: 117 Resp: 85717
Ion Ratio Lower Upper
117 100
119 93.3 77.3 115.9
121 28.1 25.4 38.0

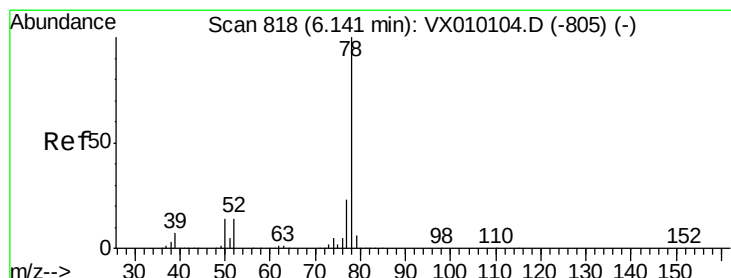
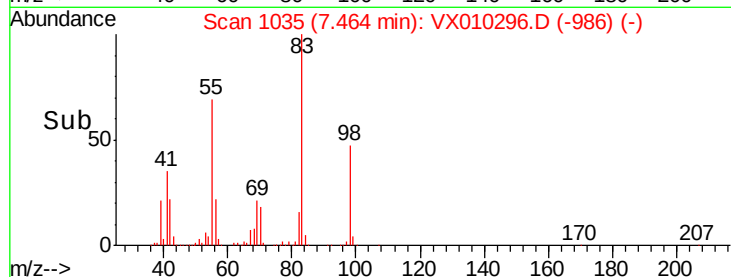
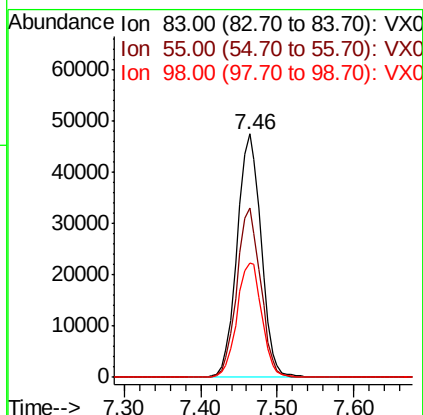
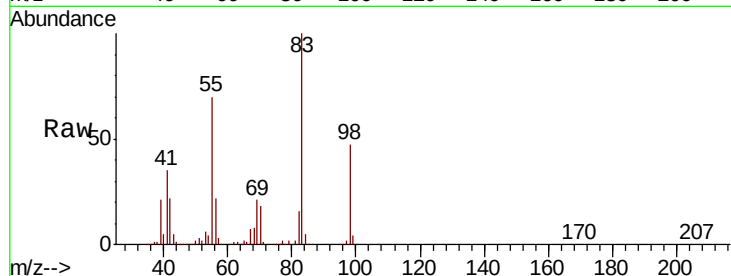




#39
Methylvlcyclohexane
Concen: 17.059 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

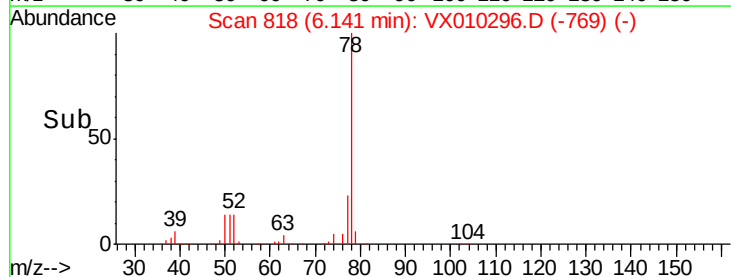
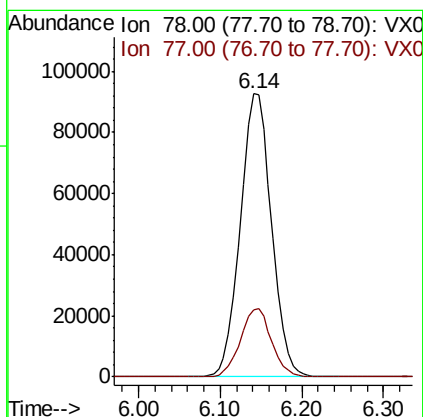
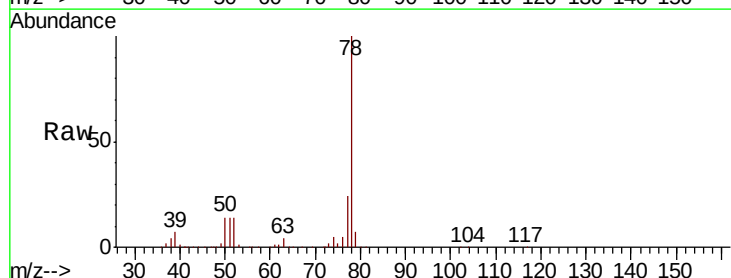
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS02

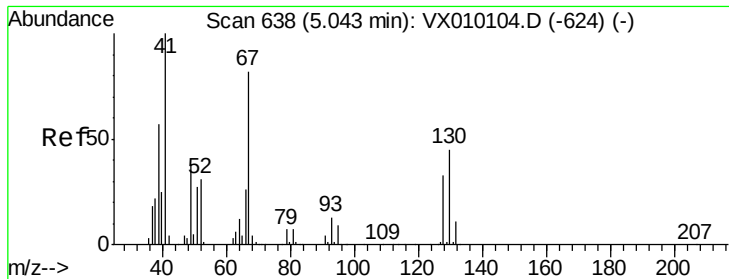
Tot Ion: 83 Resp: 103241
Ion Ratio Lower Upper
83 100
55 69.5 69.9 104.9#
98 46.9 35.1 52.7



#40
Benzene
Concen: 17.916 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Tgt Ion: 78 Resp: 246210
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8





#41

Methacrylonitrile

Concen: 17.953 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

Tot Ion: 41 Resp: 44908

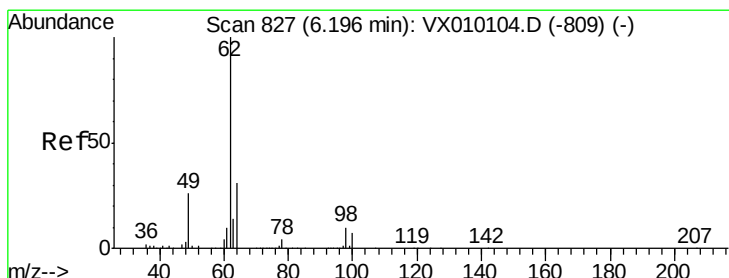
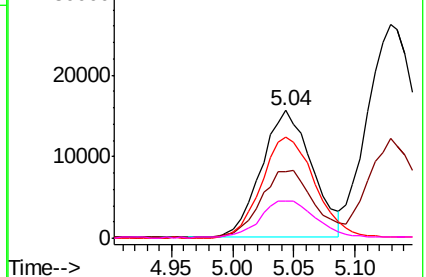
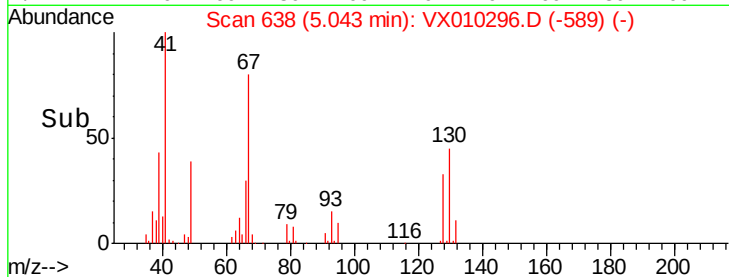
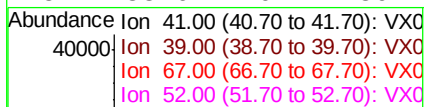
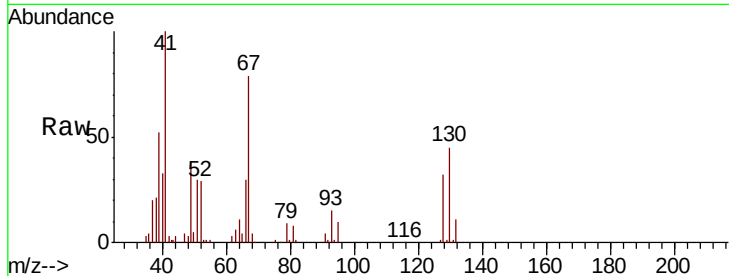
Ion Ratio Lower Upper

41 100

39 57.0 42.2 63.4

67 85.3 48.9 73.3#

52 33.6 20.1 30.1#



#42

1,2-Dichloroethane

Concen: 17.808 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX010296.D

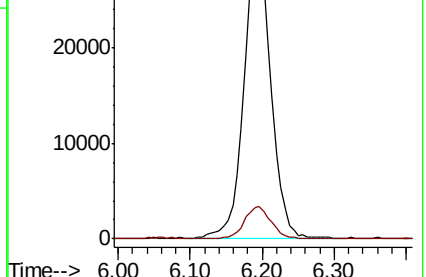
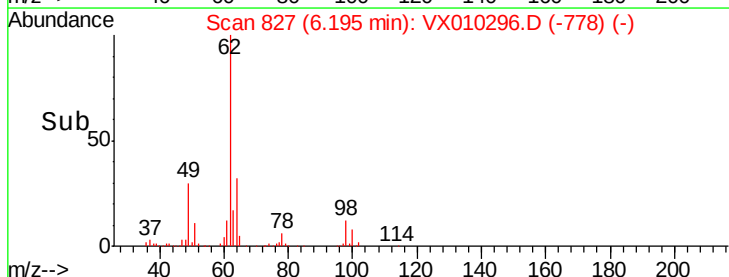
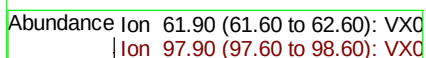
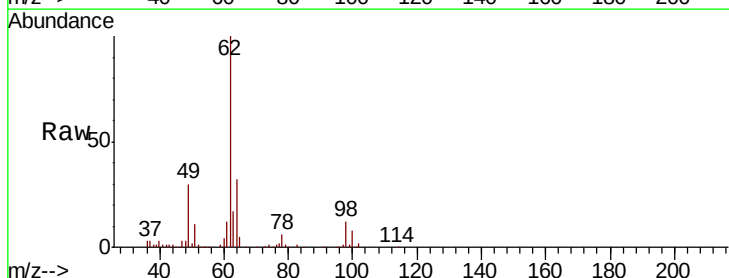
Acq: 14 Jun 2019 13:32

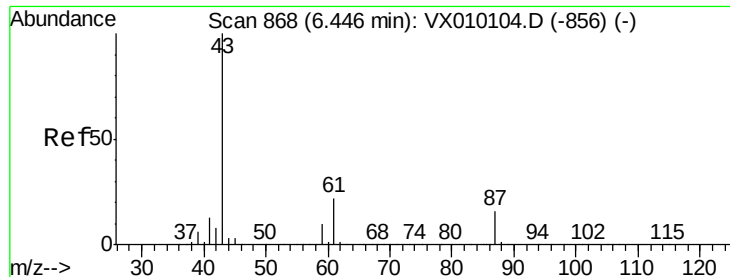
Tgt Ion: 62 Resp: 78129

Ion Ratio Lower Upper

62 100

98 11.3 0.0 17.2





#43

Isopropyl Acetate

Concen: 17.615 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

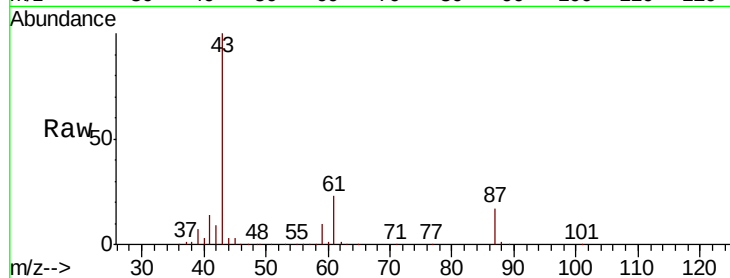
Tot Ion: 43 Resp: 136190

Ion Ratio Lower Upper

43 100

61 23.0 14.6 21.8#

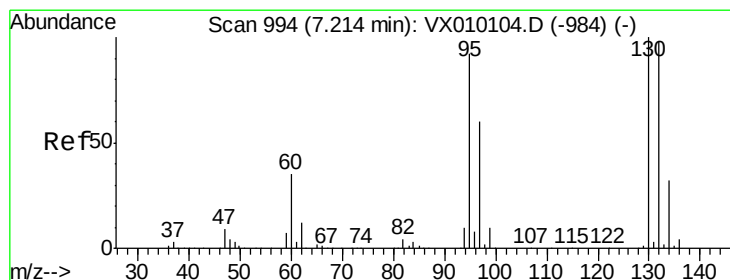
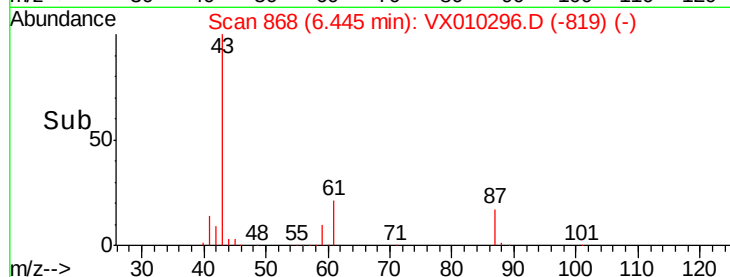
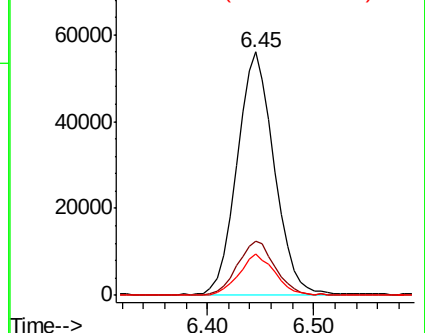
87 16.6 8.7 13.1#



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: 17.983 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010296.D

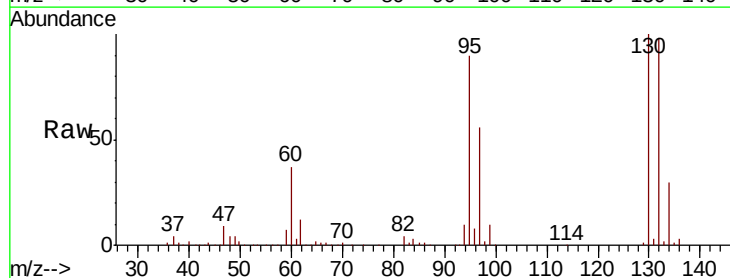
Acq: 14 Jun 2019 13:32

Tgt Ion:130 Resp: 74495

Ion Ratio Lower Upper

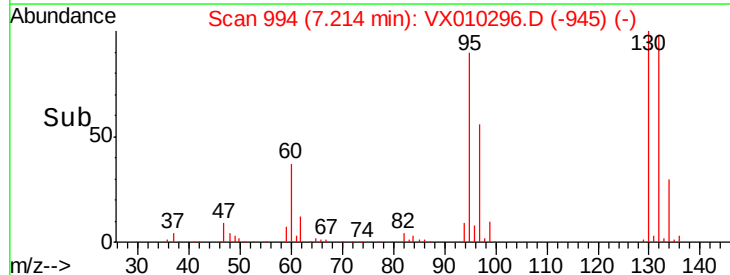
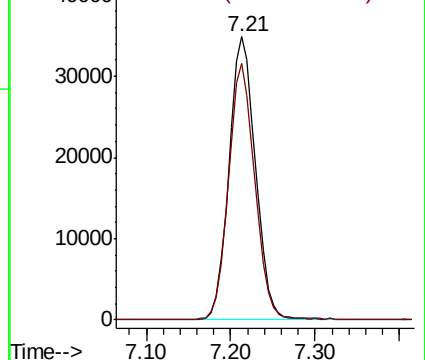
130 100

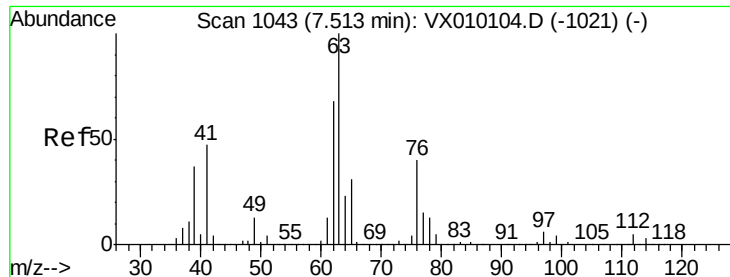
95 90.4 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

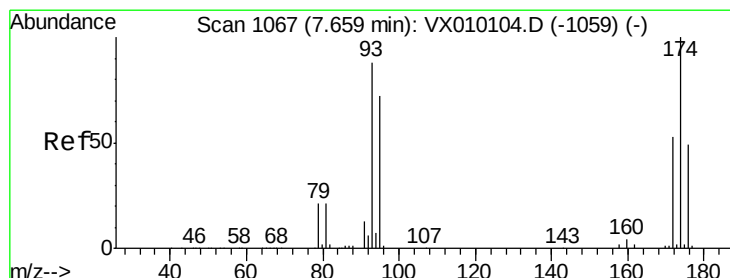
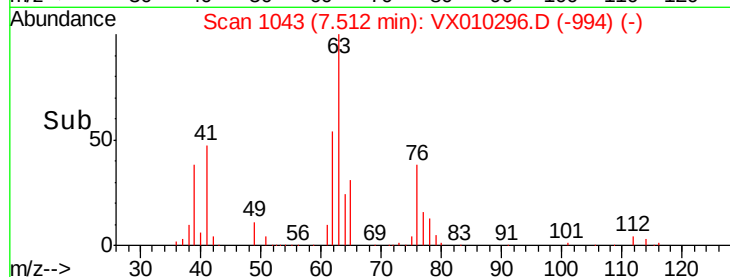
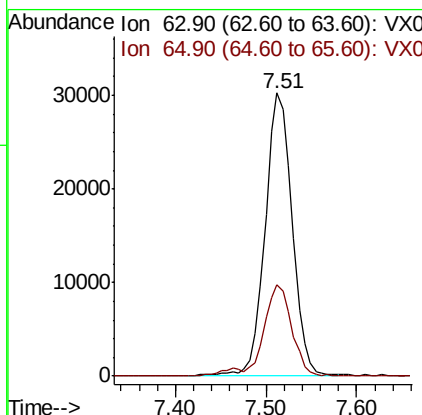
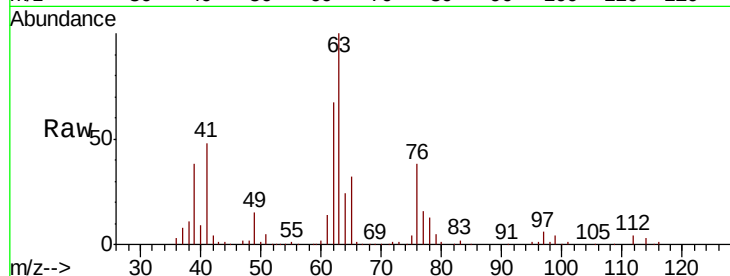




#45
 1,2-Dichloropropane
 Concen: 18.298 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

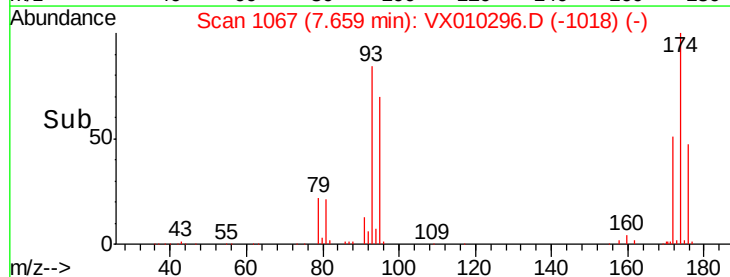
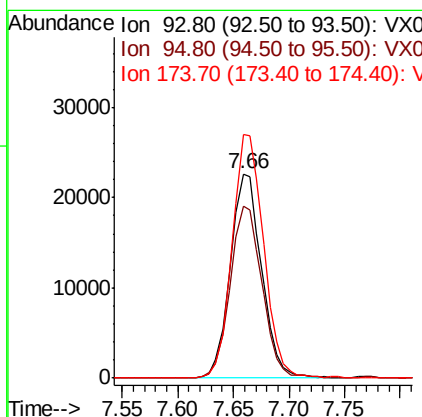
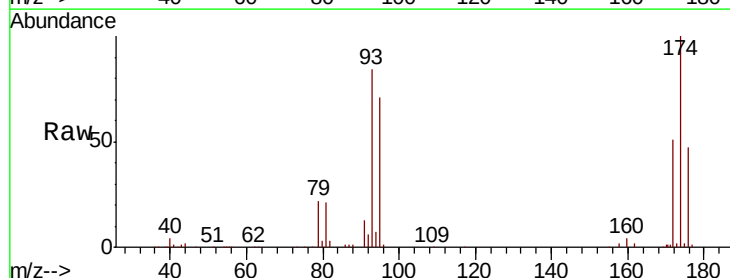
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

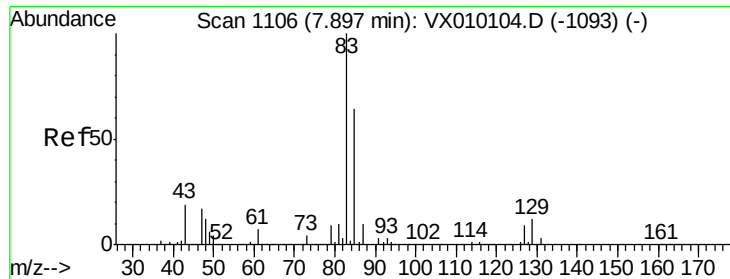
Tot Ion: 63 Resp: 62939
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.7 38.5



#46
 Dibromomethane
 Concen: 17.127 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Tgt Ion: 93 Resp: 44136
 Ion Ratio Lower Upper
 93 100
 95 85.5 66.8 100.2
 174 120.3 81.9 122.9





#47

Bromodichloromethane

Concen: 17.166 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

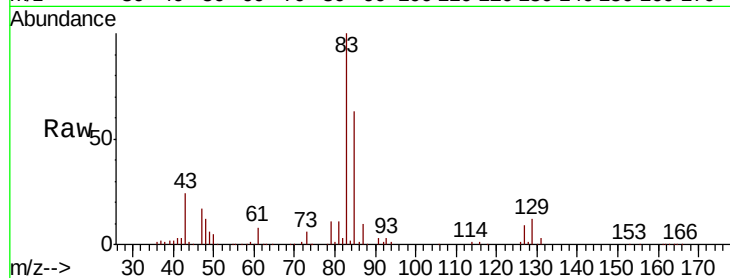
Tot Ion: 83 Resp: 82661

Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.2

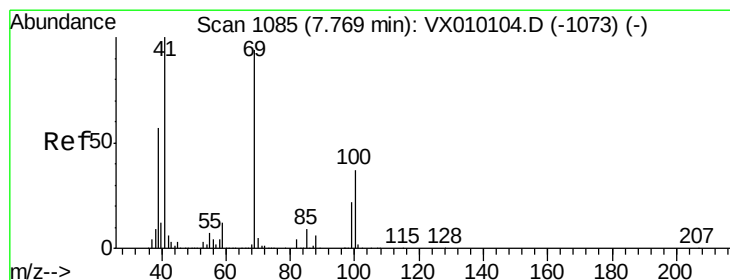
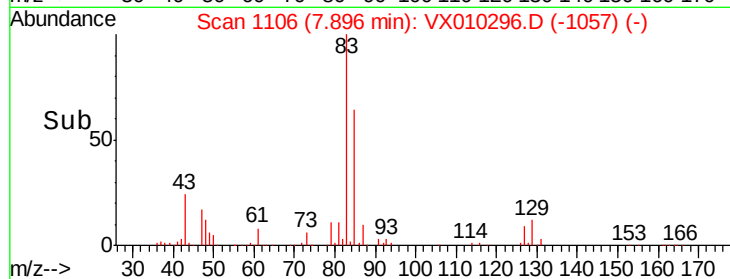
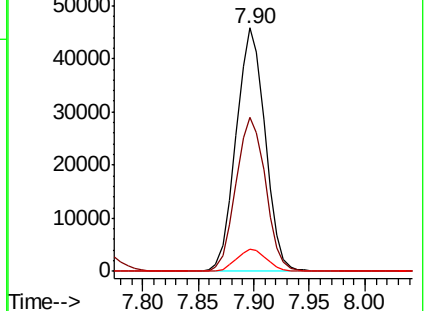
127 9.1 6.4 9.6



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: 18.300 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

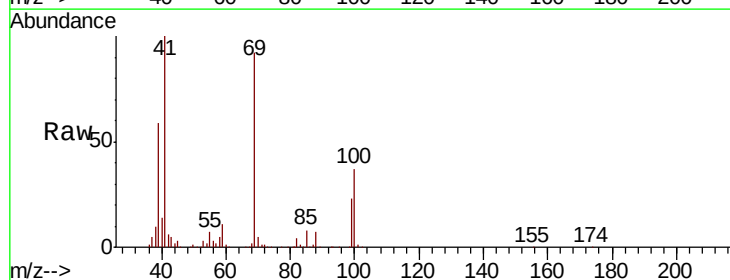
Tgt Ion: 41 Resp: 66172

Ion Ratio Lower Upper

41 100

69 96.5 56.4 84.6#

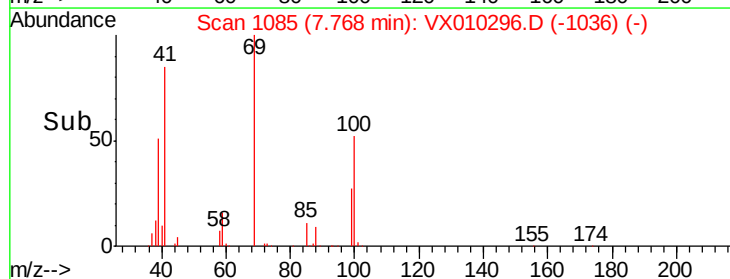
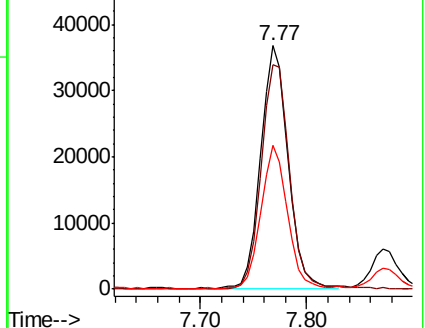
39 56.6 40.6 60.8

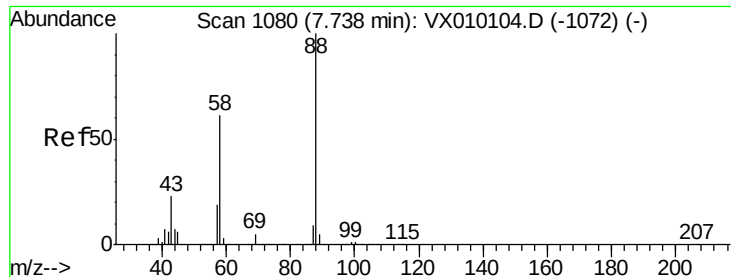


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 343.196 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

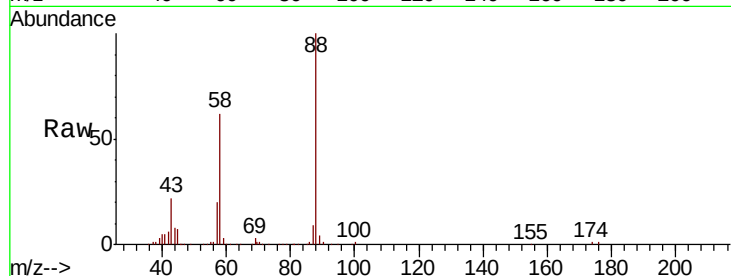
Tot Ion: 88 Resp: 35381

Ion Ratio Lower Upper

88 100

43 26.9 30.2 45.4#

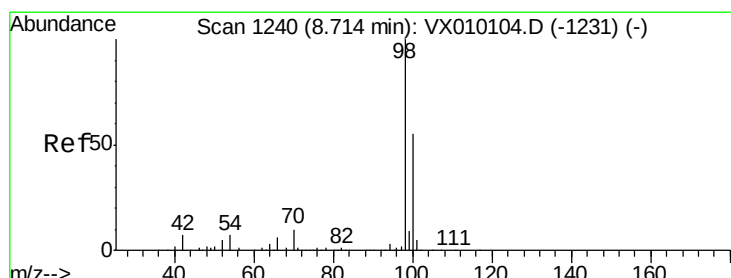
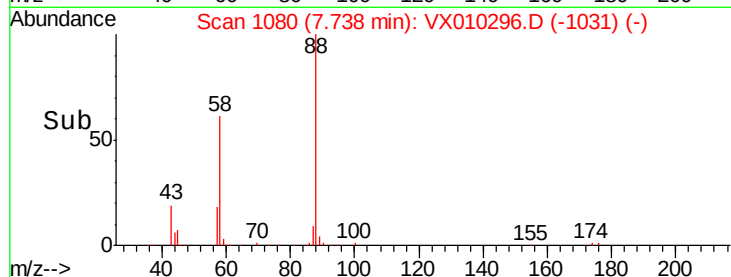
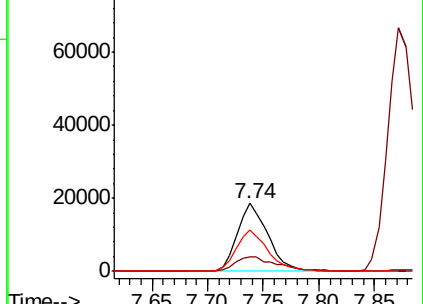
58 64.0 64.0 96.0#



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: 50.842 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010296.D

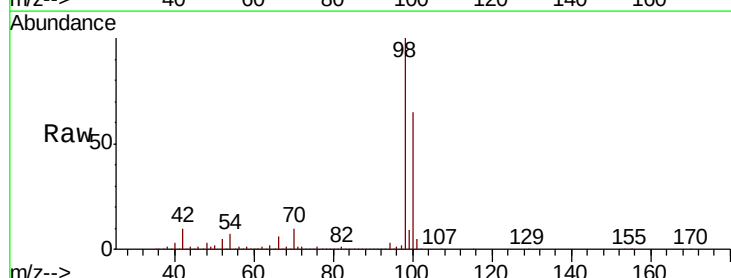
Acq: 14 Jun 2019 13:32

Tgt Ion: 98 Resp: 640270

Ion Ratio Lower Upper

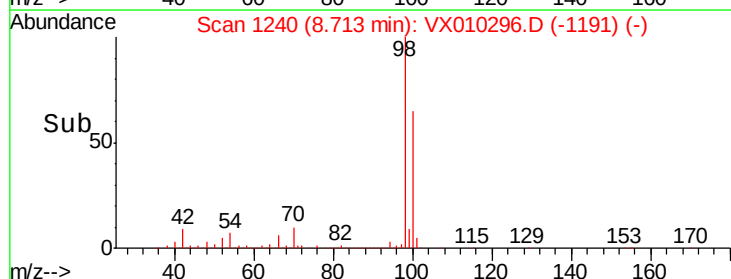
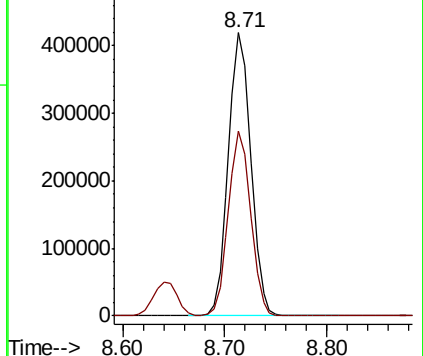
98 100

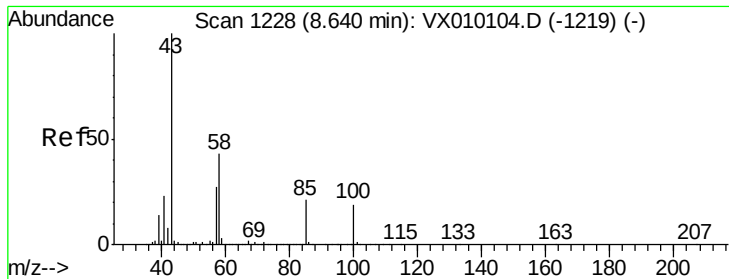
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

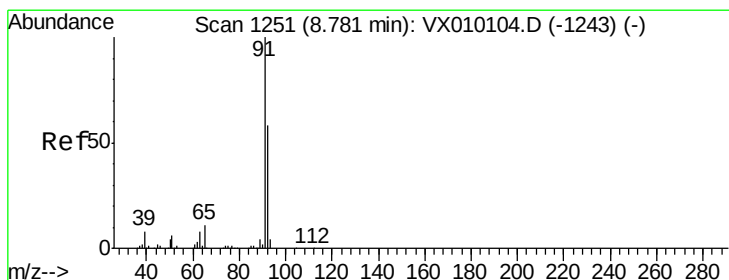
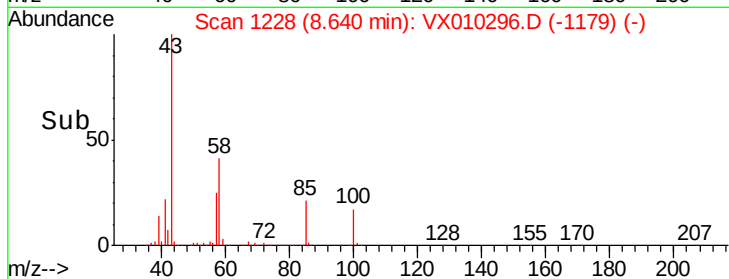
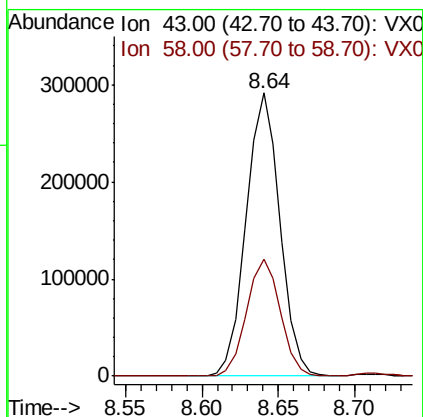
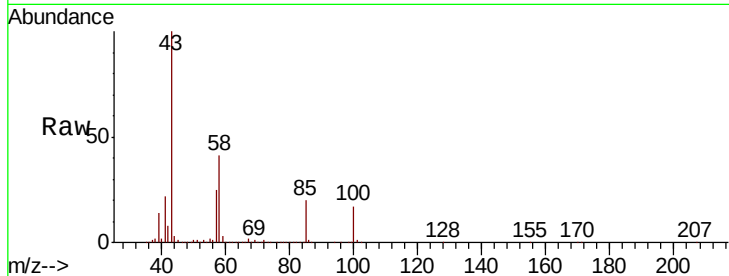




#51
 4-Methyl-2-Pentanone
 Concen: 96.737 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

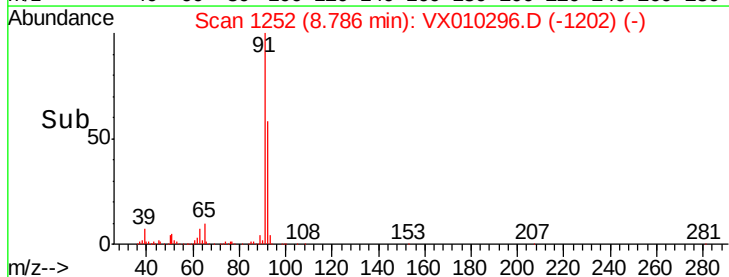
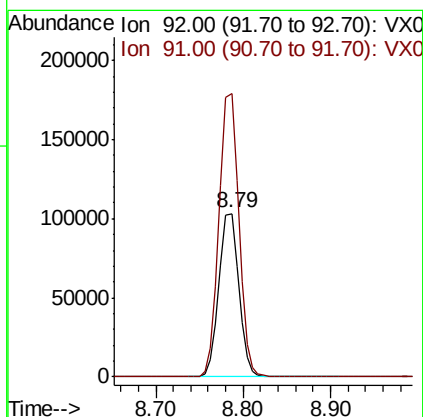
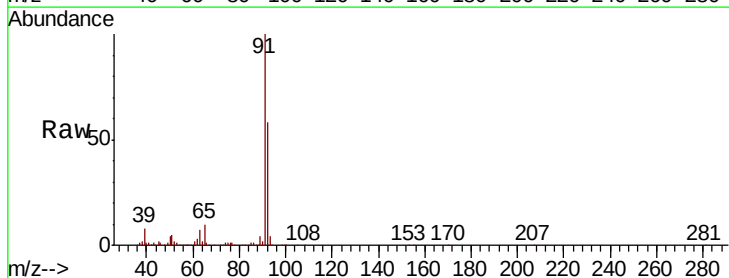
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

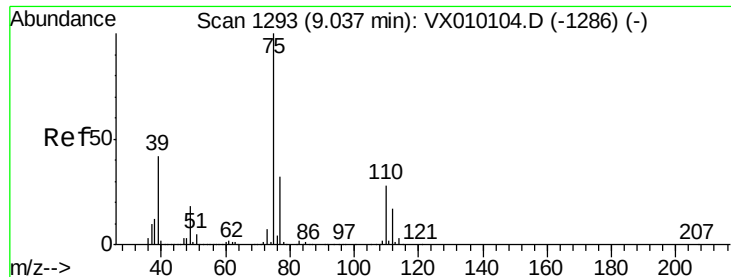
Tot Ion: 43 Resp: 446815
 Ion Ratio Lower Upper
 43 100
 58 41.4 28.8 43.2



#52
 Toluene
 Concen: 18.142 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Tgt Ion: 92 Resp: 163889
 Ion Ratio Lower Upper
 92 100
 91 172.4 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 16.736 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

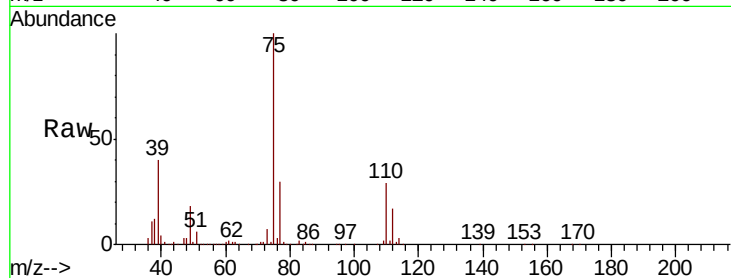
VX0614MBS02

Tot Ion: 75 Resp: 93215

Ion Ratio Lower Upper

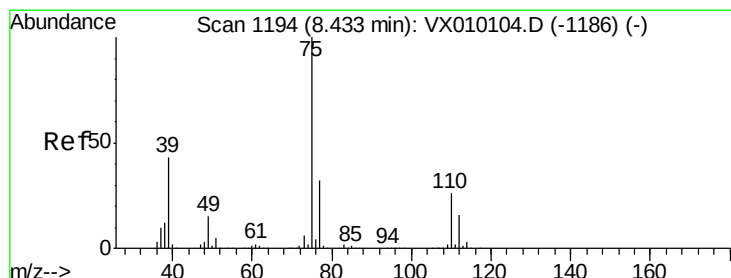
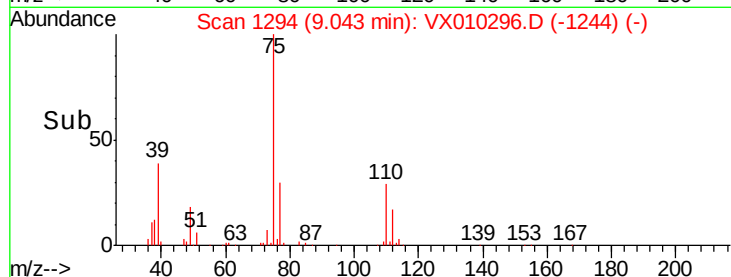
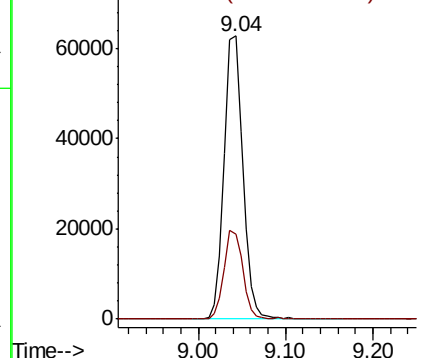
75 100

77 30.0 24.6 36.8



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: 16.887 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

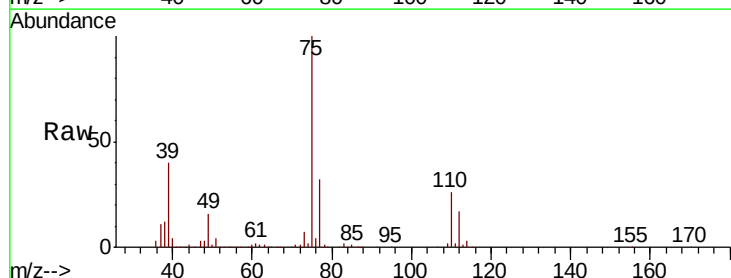
Tgt Ion: 75 Resp: 100830

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

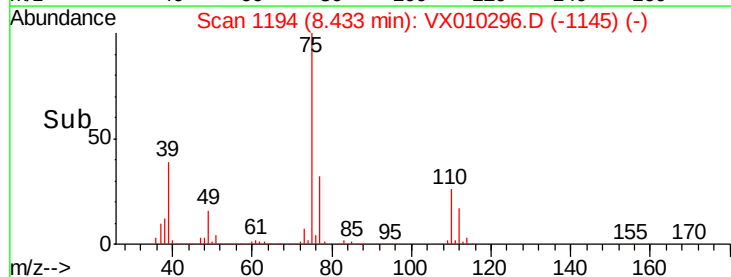
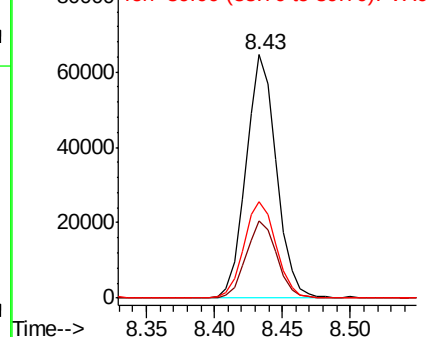
39 39.4 43.4 65.0#

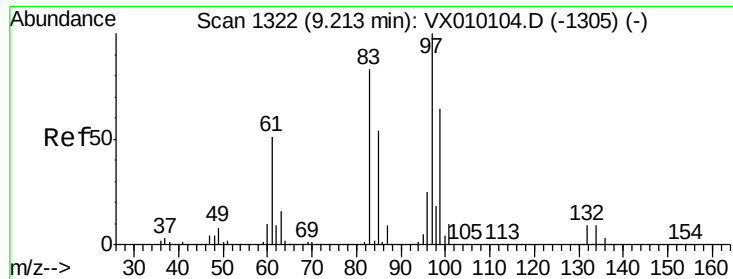


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

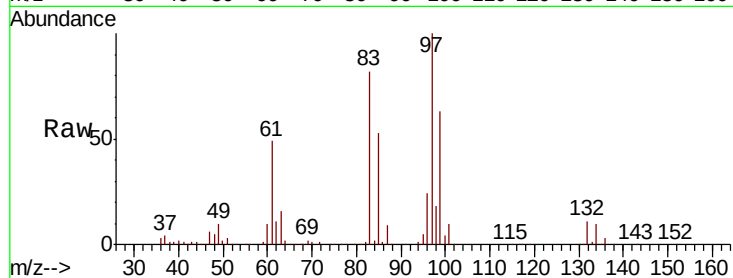




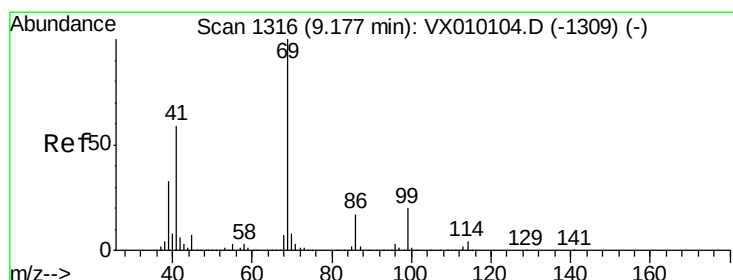
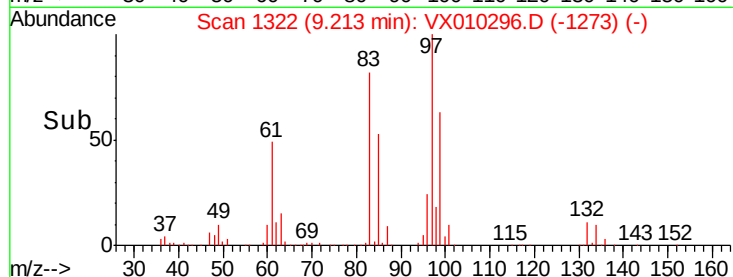
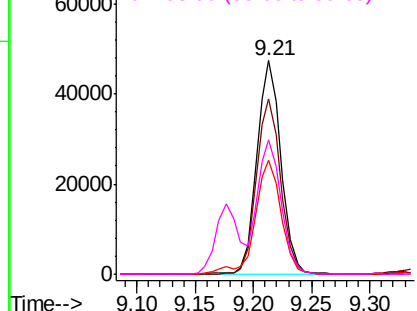
#55
 1,1,2-Trichloroethane
 Concen: 18.481 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

Tot Ion: 97 Resp: 68375
 Ion Ratio Lower Upper
 97 100
 83 82.4 69.8 104.8
 85 53.4 45.3 67.9
 99 63.2 49.0 73.4

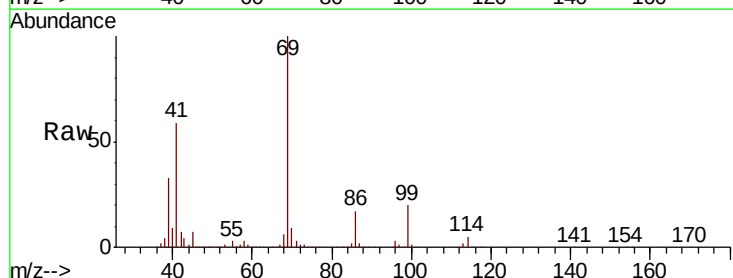


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

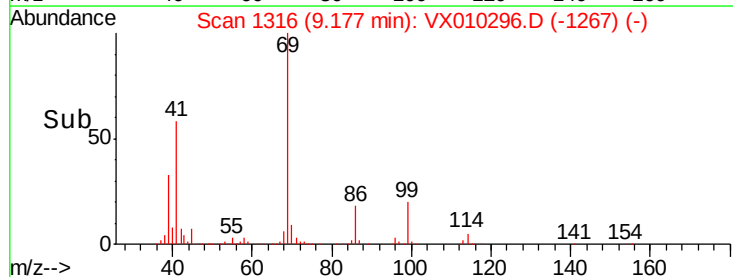
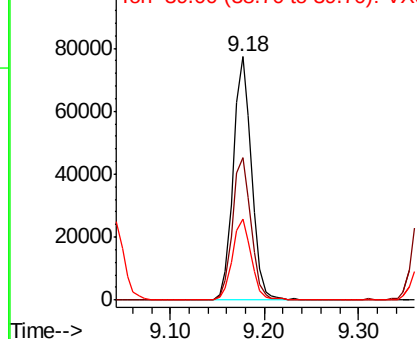


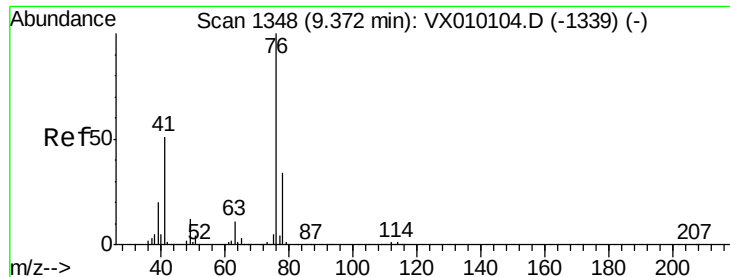
#56
 Ethyl methacrylate
 Concen: 17.837 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Tgt Ion: 69 Resp: 104246
 Ion Ratio Lower Upper
 69 100
 41 58.9 62.7 94.1#
 39 33.6 29.5 44.3



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

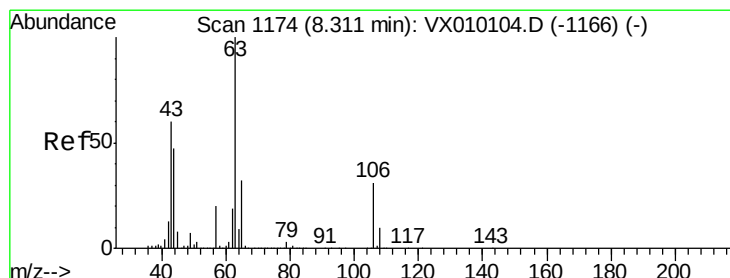
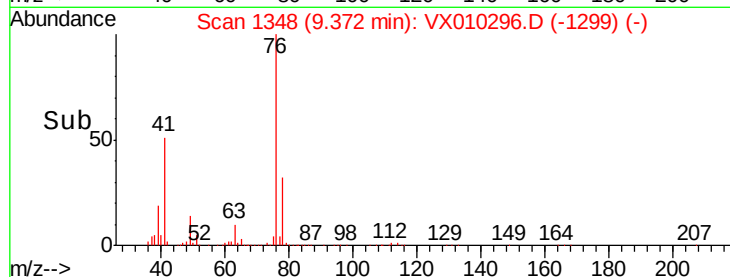
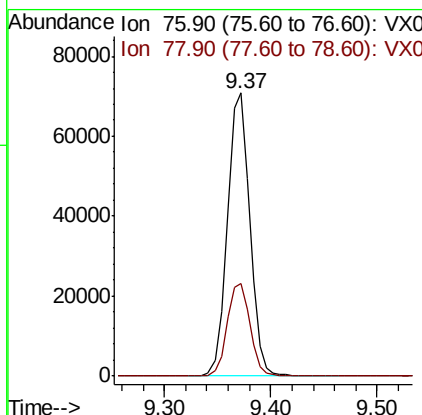
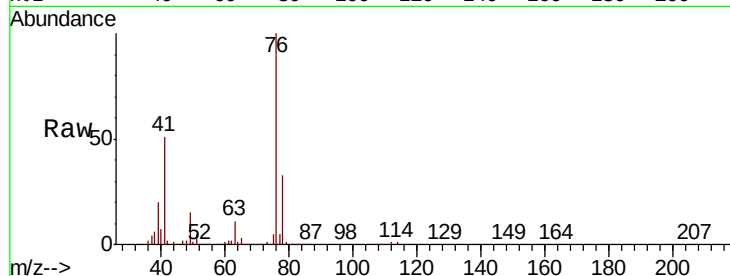




#57
 1,3-Dichloropropane
 Concen: 17.978 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

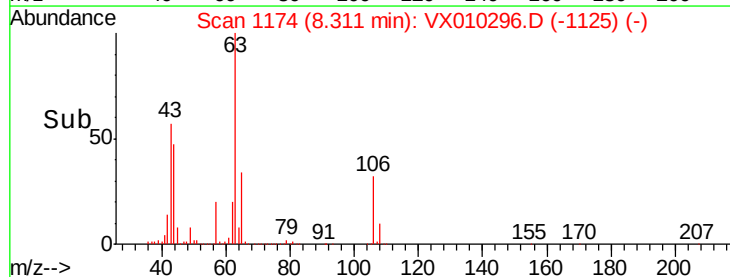
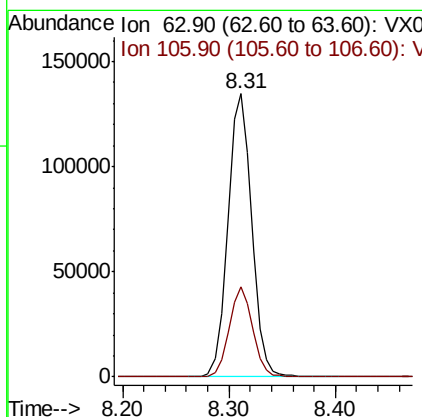
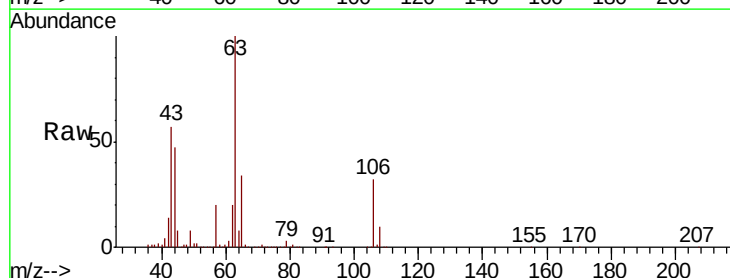
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

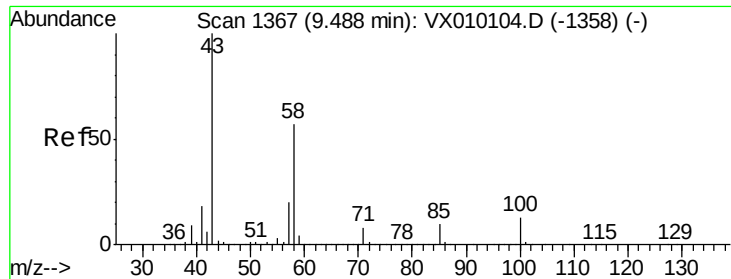
Tot Ion: 76 Resp: 104713
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.394 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Tgt Ion: 63 Resp: 210474
 Ion Ratio Lower Upper
 63 100
 106 31.2 19.4 29.2#

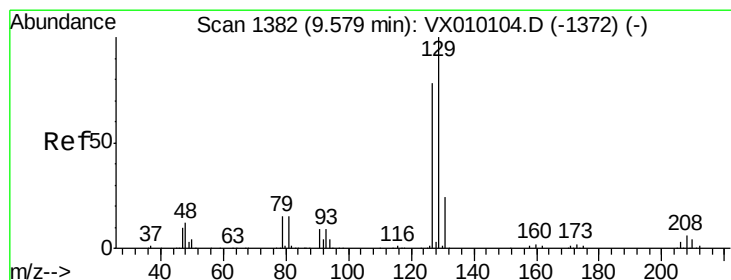
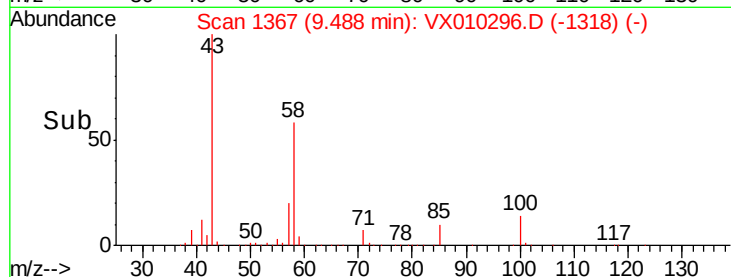
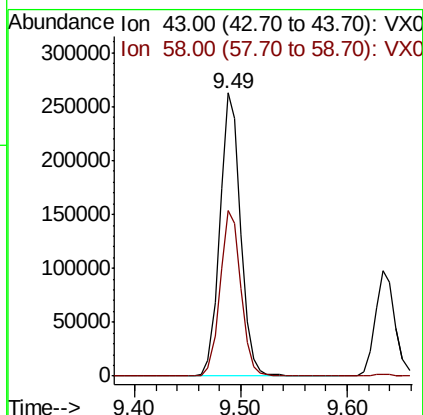
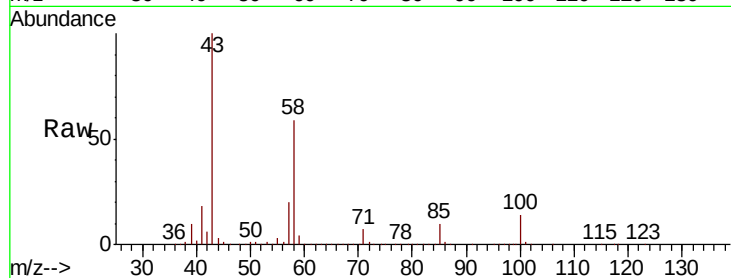




#59
2-Hexanone
Concen: 96.246 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

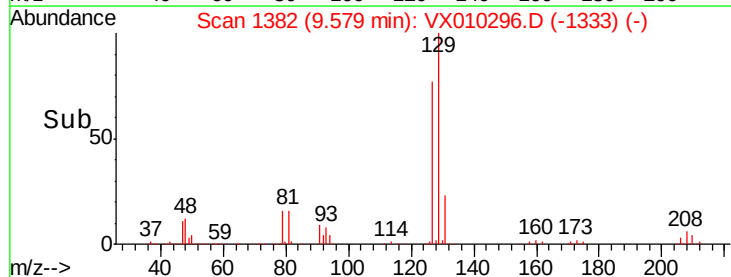
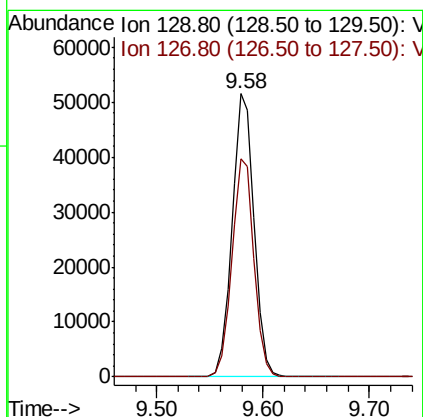
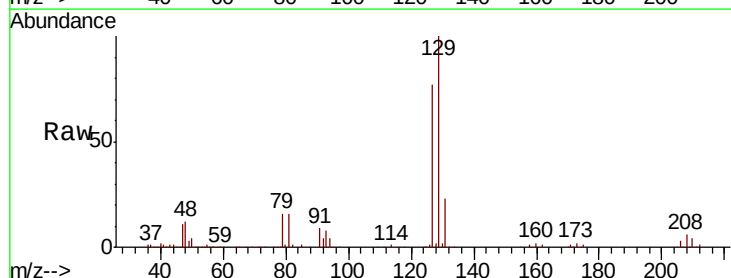
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS02

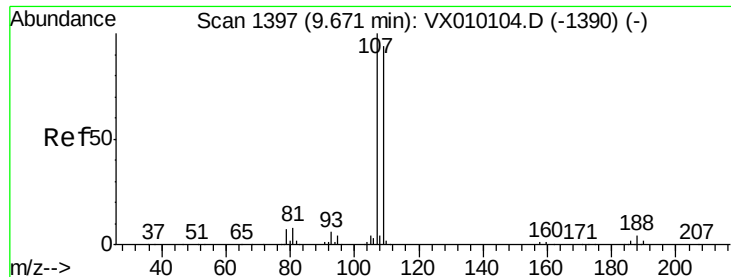
Tot Ion: 43 Resp: 354444
Ion Ratio Lower Upper
43 100
58 59.0 25.1 75.3



#60
Dibromochloromethane
Concen: 16.992 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Tgt Ion: 129 Resp: 74361
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.715 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

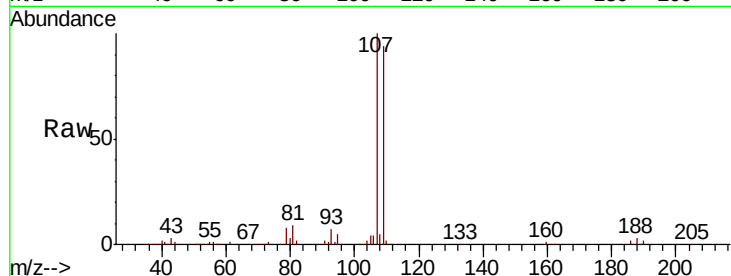
VX0614MBS02

Tot Ion:107 Resp: 72995

Ion Ratio Lower Upper

107 100

109 93.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

50000

40000

30000

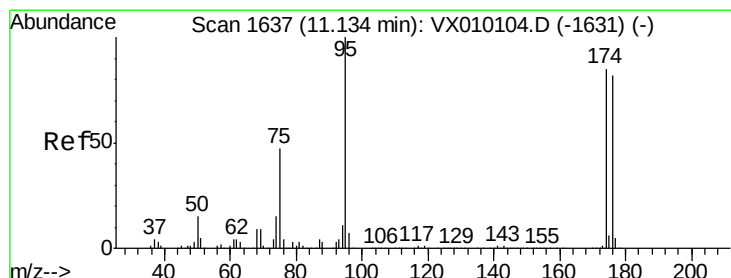
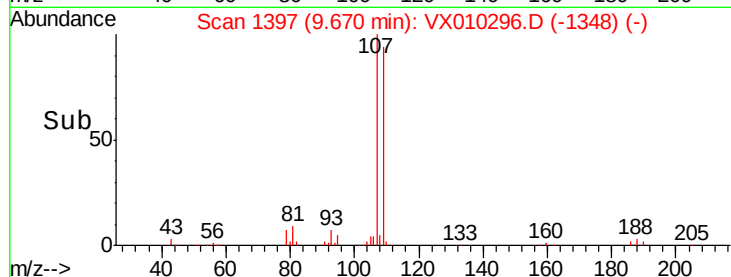
20000

10000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.469 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

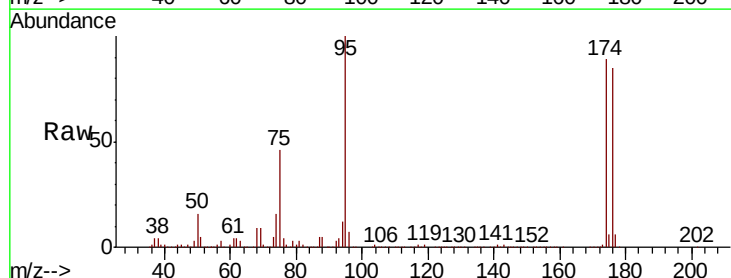
Tgt Ion: 95 Resp: 232659

Ion Ratio Lower Upper

95 100

174 93.5 0.0 160.4

176 90.3 0.0 154.6



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

250000

200000

150000

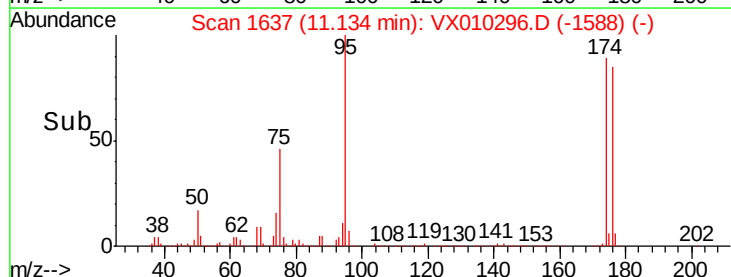
100000

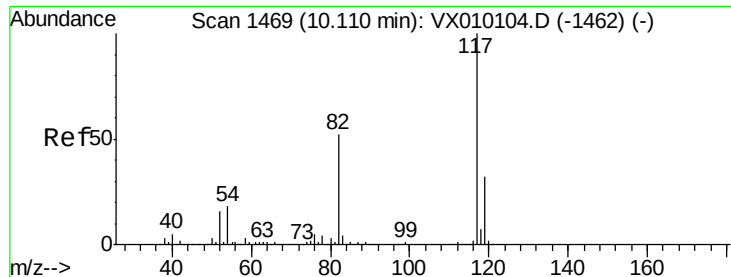
50000

0

11.10 11.13 11.16 11.19 11.22

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

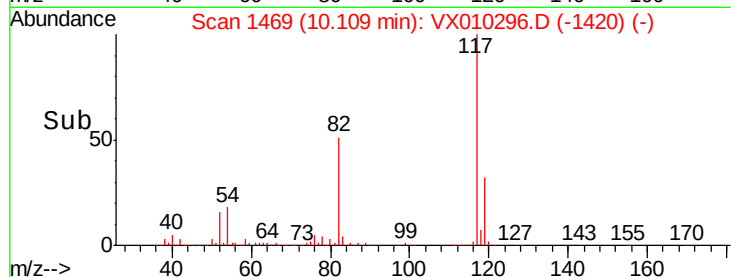
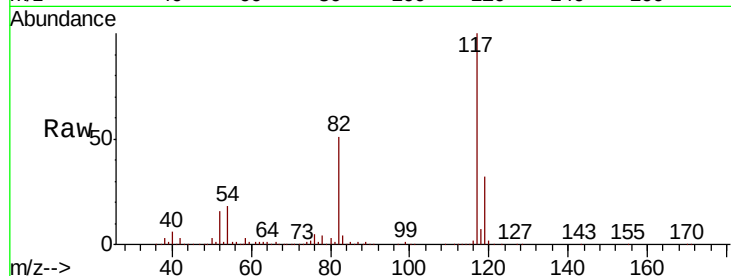
Tot Ion:117 Resp: 483368

Ion Ratio Lower Upper

117 100

82 50.7 49.2 73.8

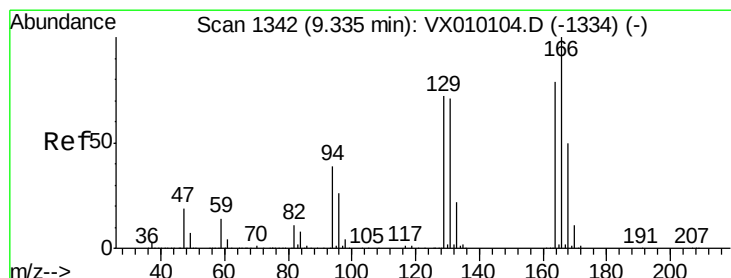
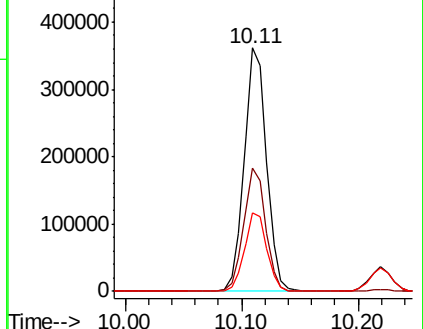
119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.615 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Tgt Ion:164 Resp: 70419

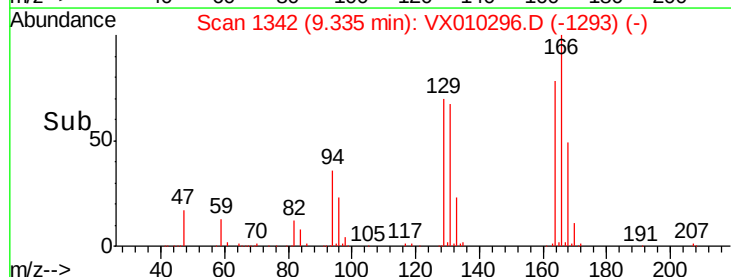
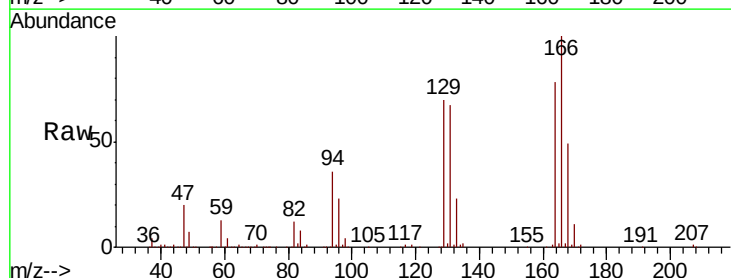
Ion Ratio Lower Upper

164 100

166 128.9 105.0 157.4

129 90.5 75.1 112.7

131 86.4 72.2 108.4

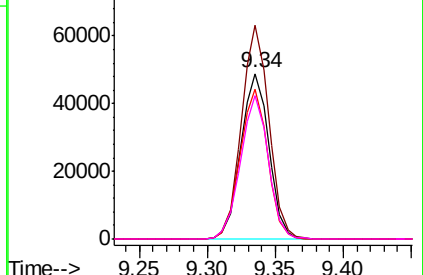


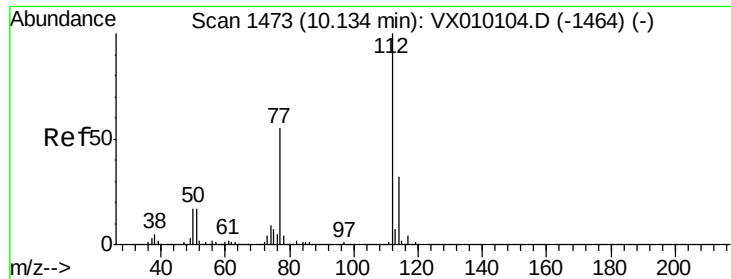
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

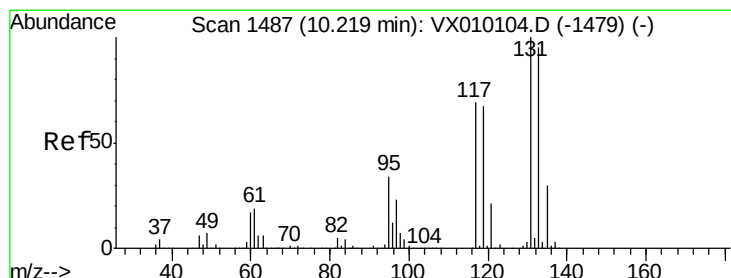
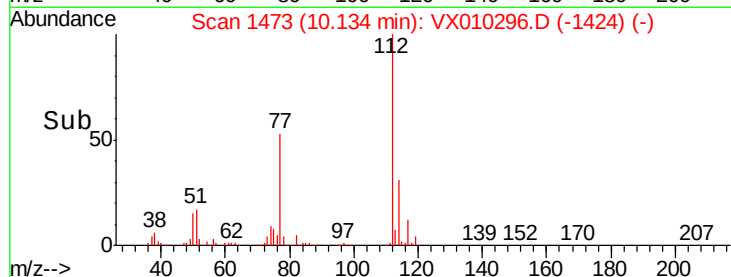
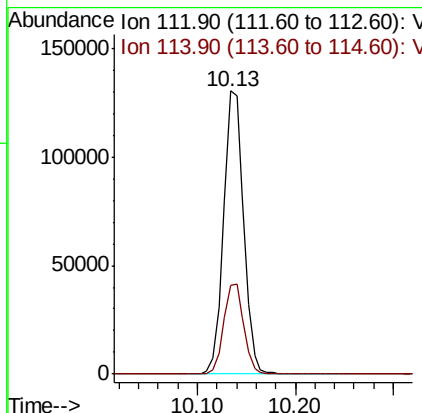
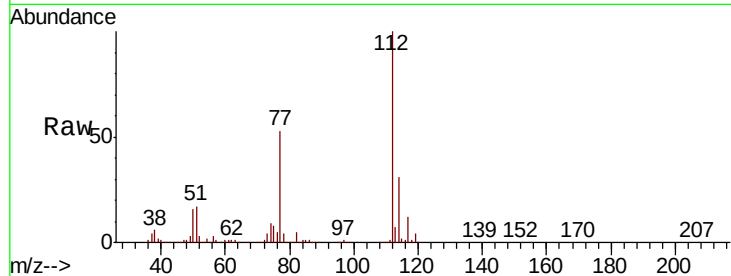




#65
Chlorobenzene
Concen: 18.506 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

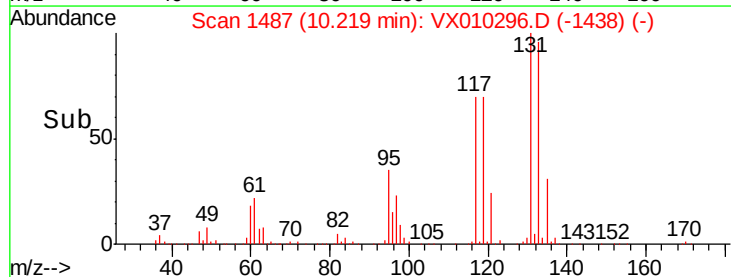
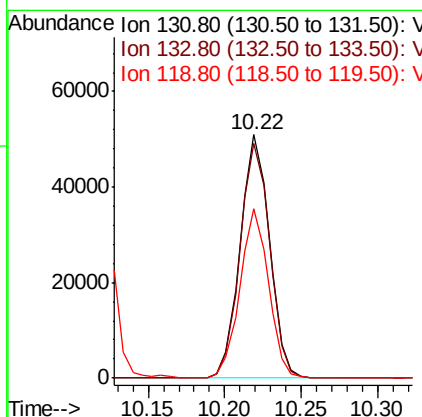
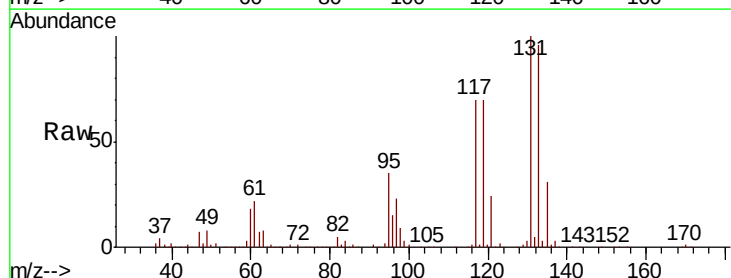
Instrument :
MSVOA_X
ClientSampled :
VX0614MBS02

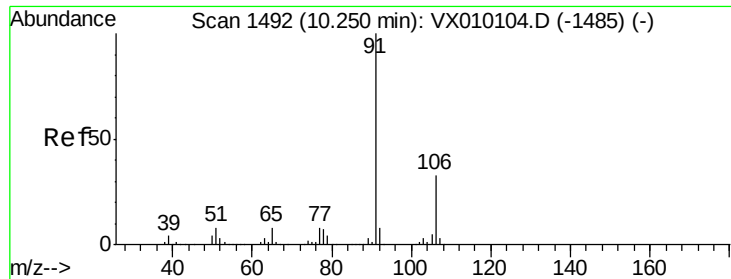
Tot Ion:112 Resp: 184626
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.756 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Tgt Ion:131 Resp: 68123
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 67.8 33.4 100.1

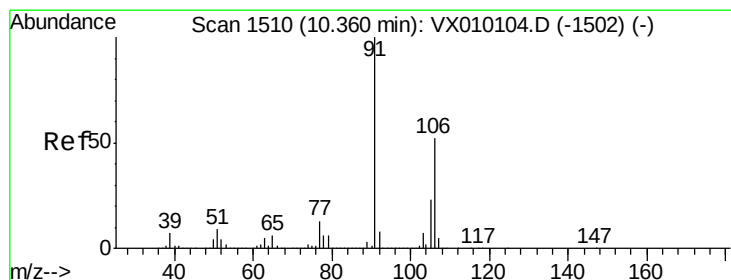
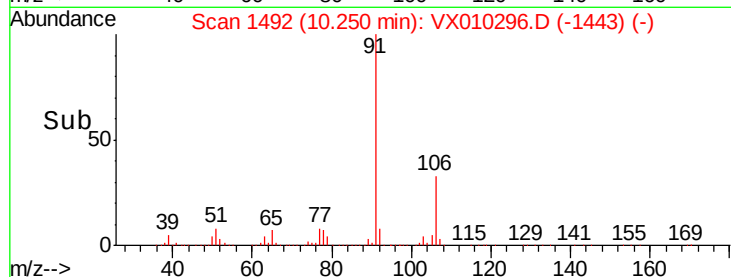
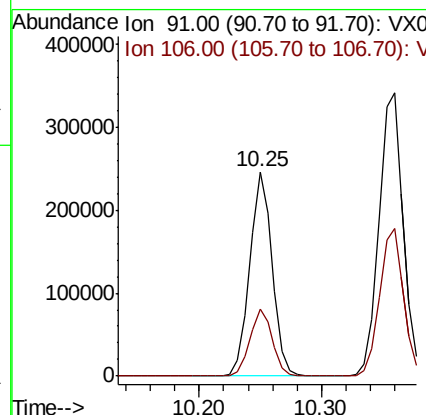
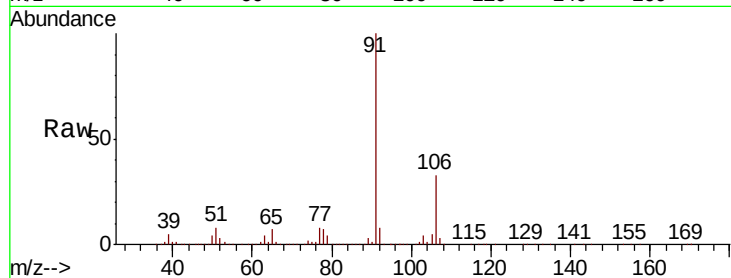




#67
Ethyl Benzene
Concen: 18.385 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

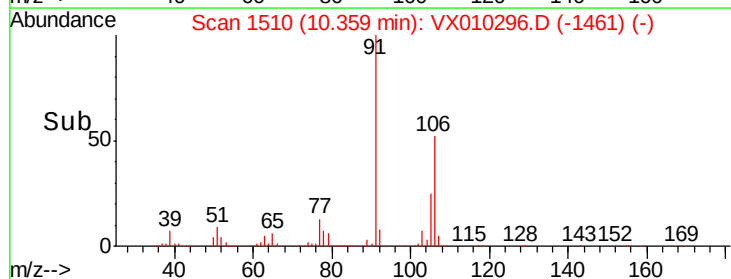
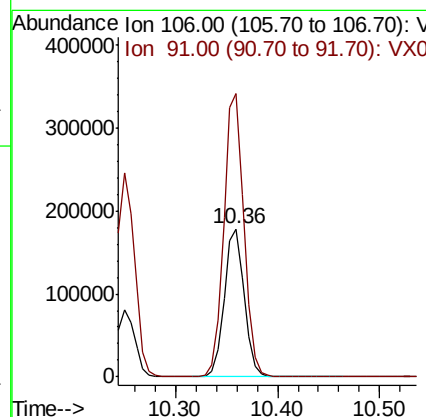
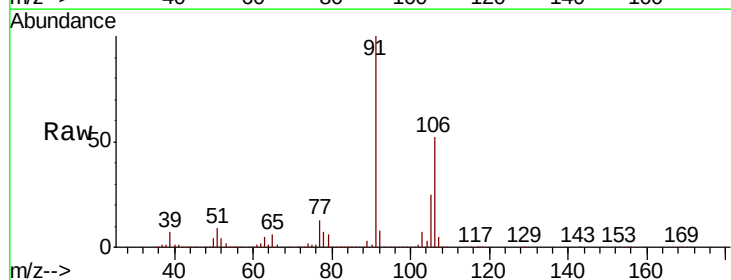
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS02

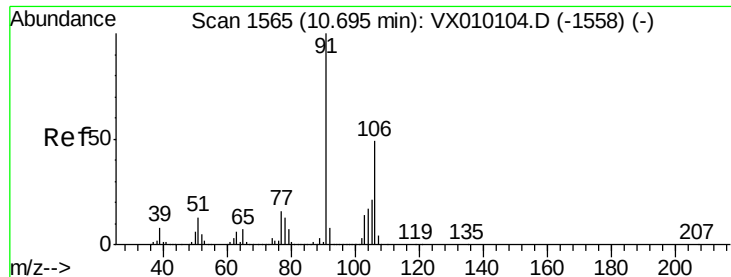
Tot Ion: 91 Resp: 312239
Ion Ratio Lower Upper
91 100
106 32.7 23.9 35.9



#68
m/p-Xylenes
Concen: 36.955 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Tgt Ion: 106 Resp: 242866
Ion Ratio Lower Upper
106 100
91 193.3 167.3 250.9

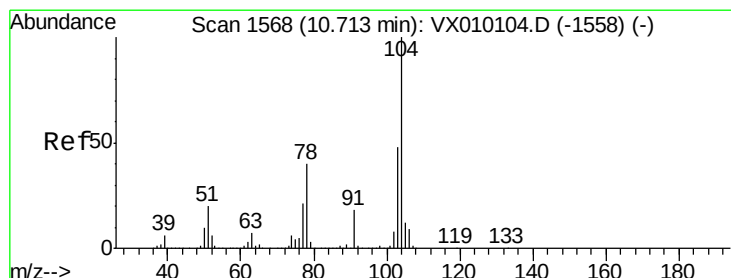
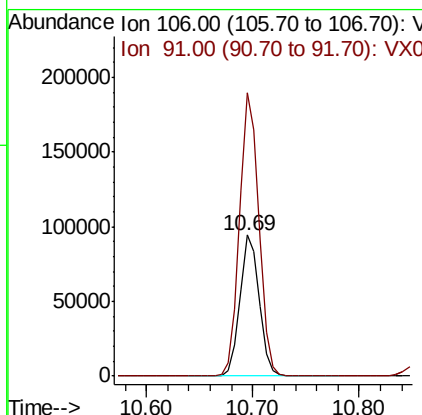
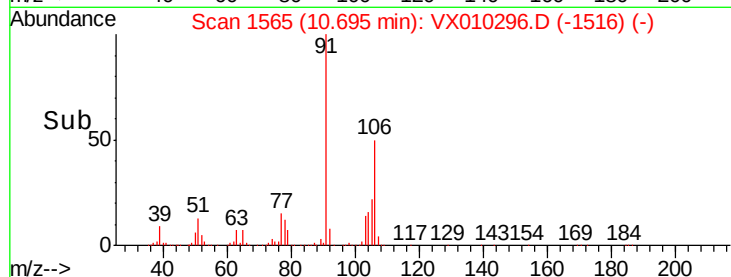
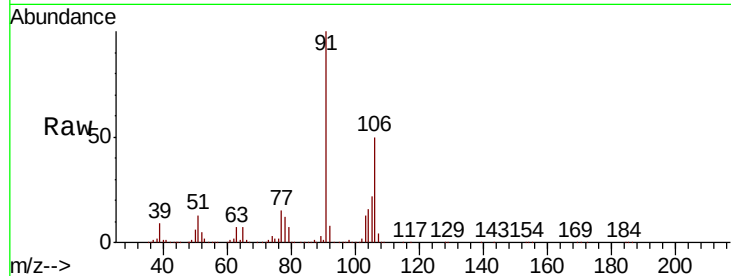




#69
o-Xylene
Concen: 18.420 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

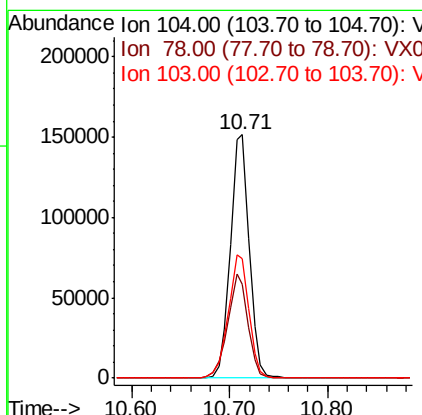
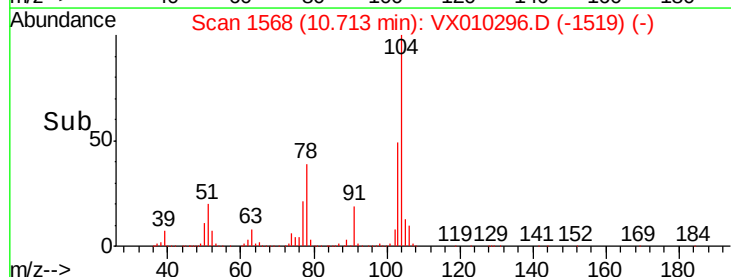
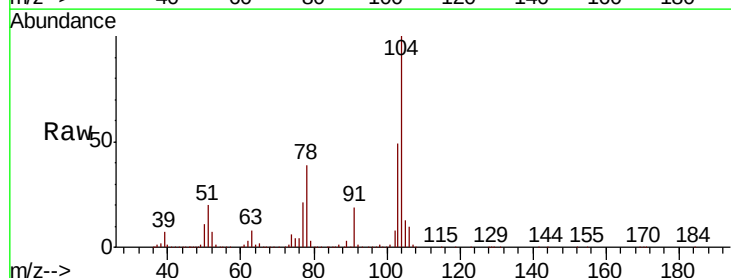
Instrument :
MSVOA_X
ClientSampled :
VX0614MBS02

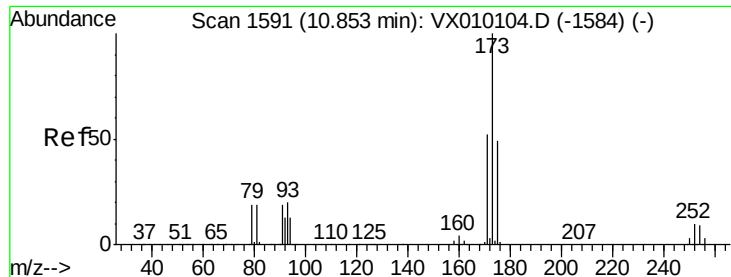
Tot Ion:106 Resp: 120337
Ion Ratio Lower Upper
106 100
91 202.2 110.4 331.2



#70
Styrene
Concen: 18.375 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Tgt Ion:104 Resp: 203312
Ion Ratio Lower Upper
104 100
78 45.7 42.1 63.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 16.777 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

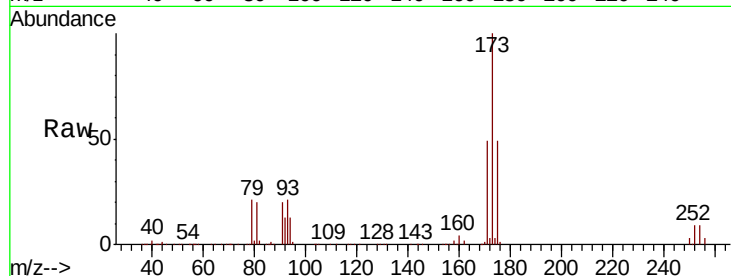
Tot Ion:173 Resp: 59171

Ion Ratio Lower Upper

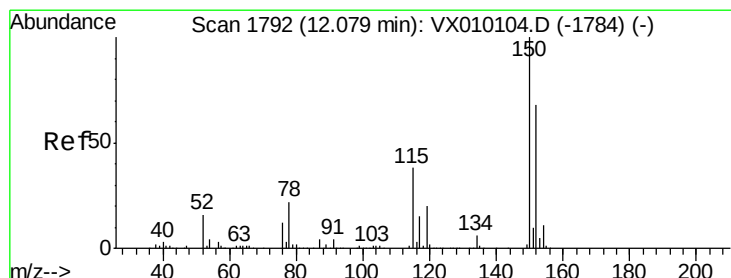
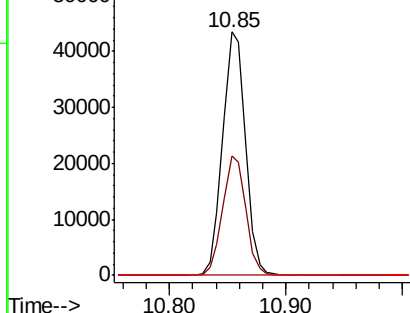
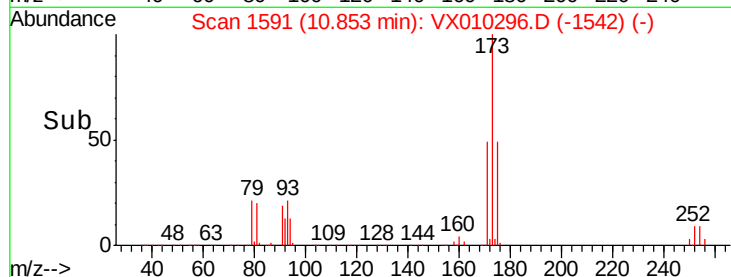
173 100

175 49.6 25.0 75.0

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

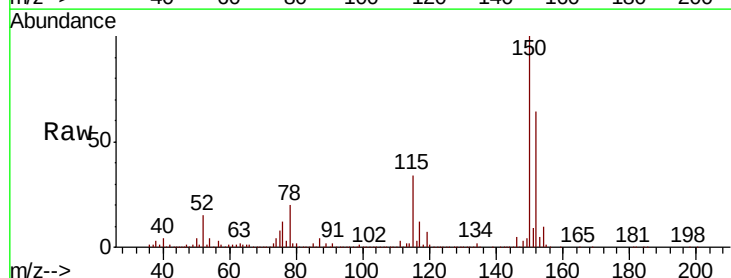
Tgt Ion:152 Resp: 254629

Ion Ratio Lower Upper

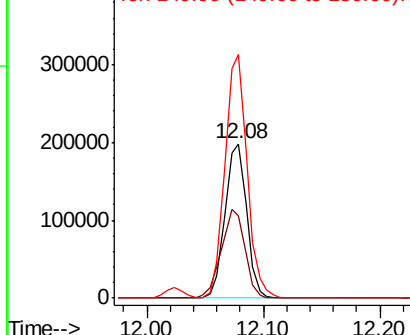
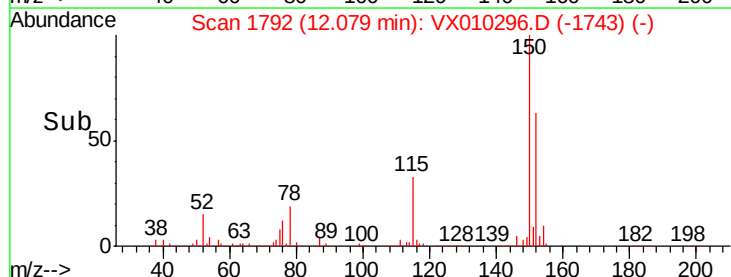
152 100

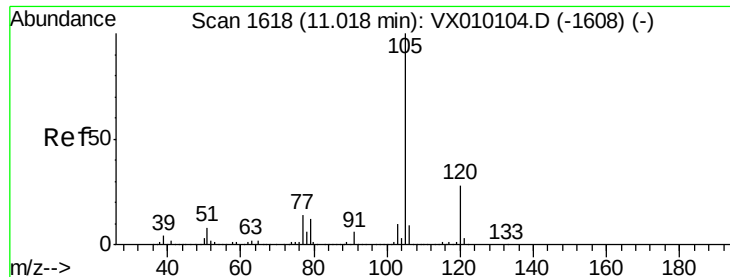
115 62.9 41.4 124.2

150 161.8 0.0 345.2



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: 17.696 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

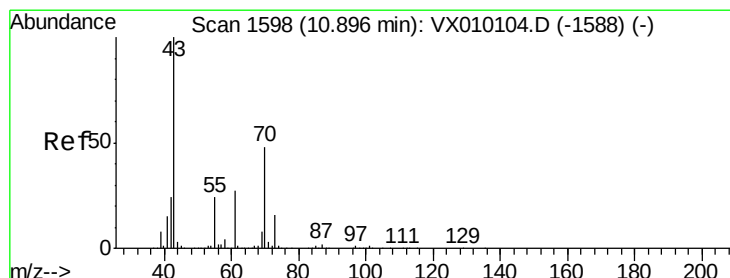
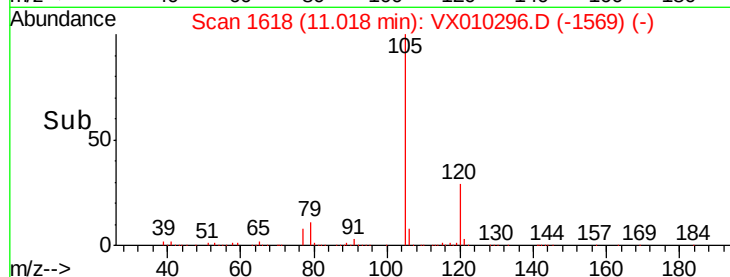
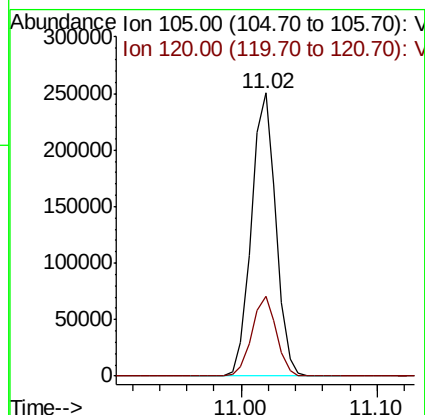
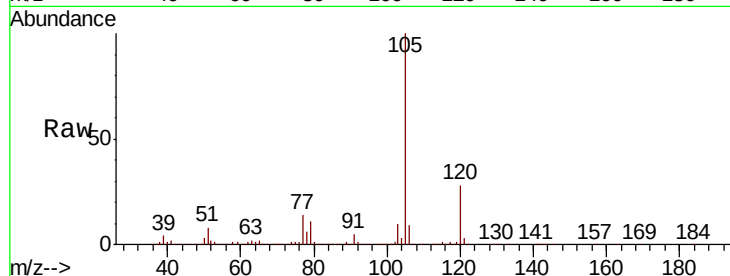
VX0614MBS02

Tot Ion: 105 Resp: 314537

Ion Ratio Lower Upper

105 100

120 28.1 12.8 38.4



#74

N-ethyl acetate

Concen: 17.883 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Tgt Ion: 43 Resp: 125652

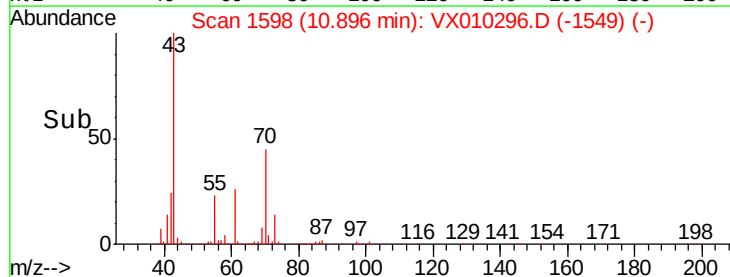
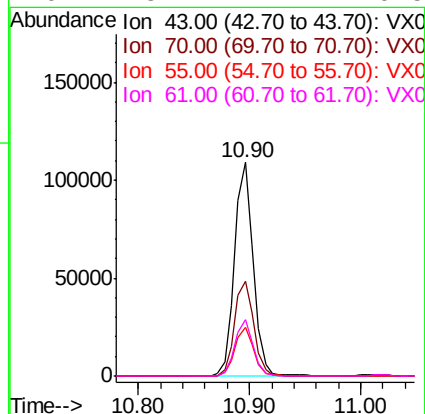
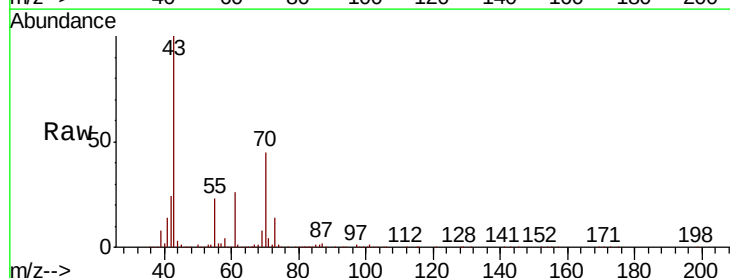
Ion Ratio Lower Upper

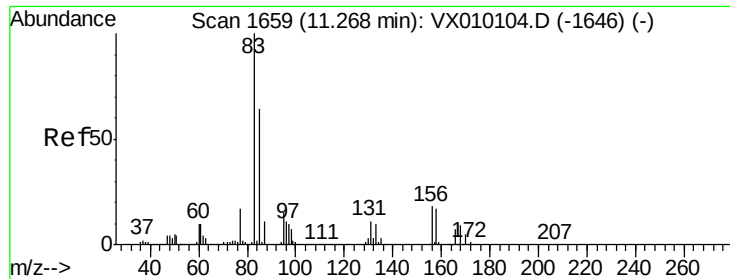
43 100

70 46.2 28.6 43.0#

55 22.9 17.8 26.8

61 25.7 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.420 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

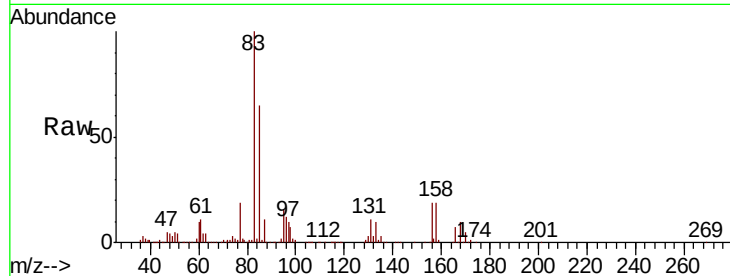
Tot Ion: 83 Resp: 105989

Ion	Ratio	Lower	Upper
83	100		
131	11.2	4.7	14.1
85	65.2	31.9	95.9

83 100

131 11.2 4.7 14.1

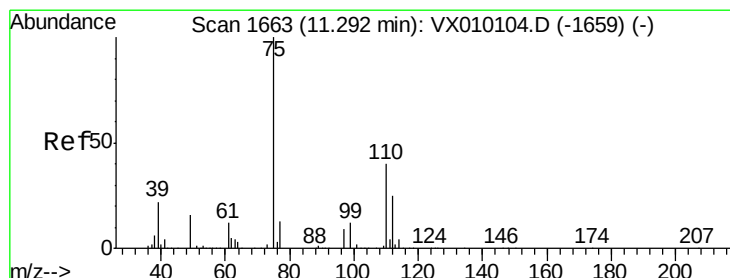
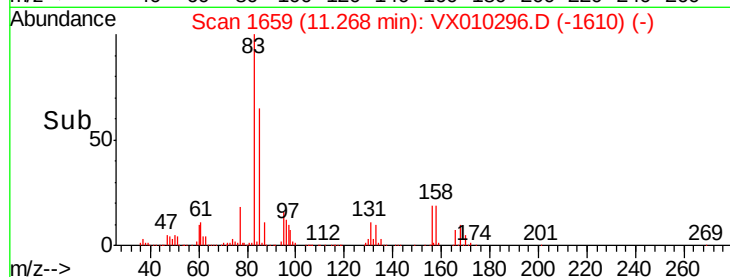
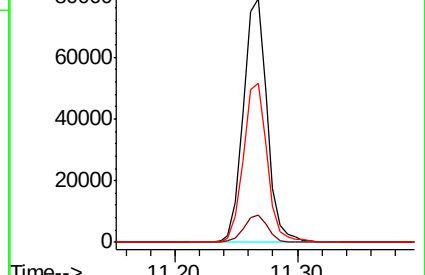
85 65.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.947 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010296.D

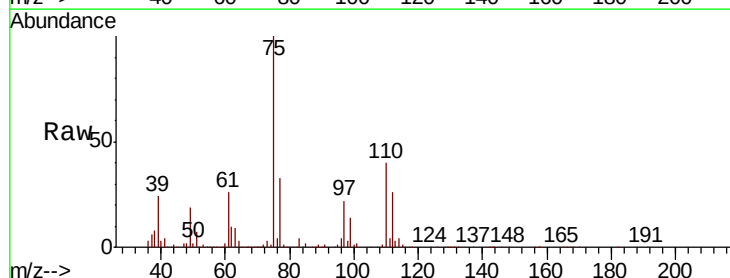
Acq: 14 Jun 2019 13:32

Tgt Ion: 75 Resp: 116869

Ion	Ratio	Lower	Upper
75	100		
77	33.9	22.1	66.1

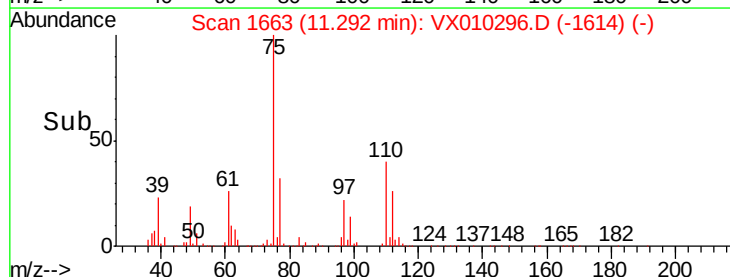
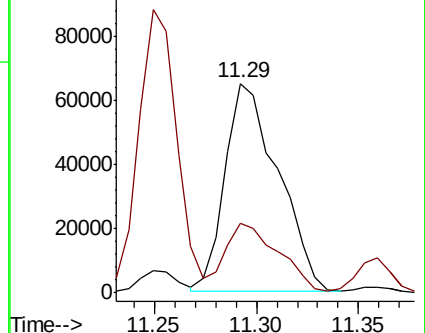
75 100

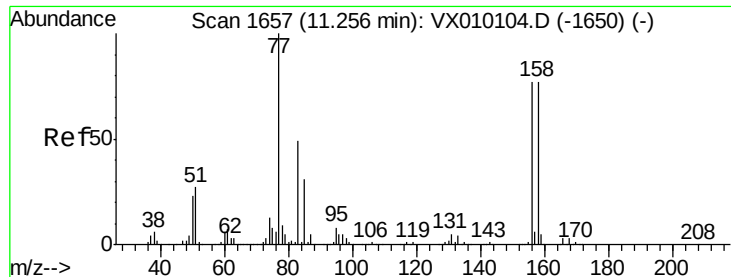
77 33.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.847 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

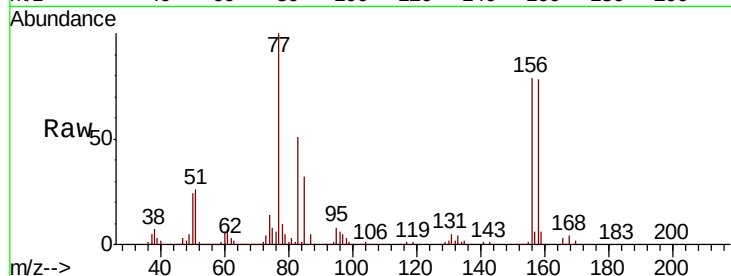
Tot Ion:156 Resp: 87238

Ion Ratio Lower Upper

156 100

77 131.8 86.8 260.3

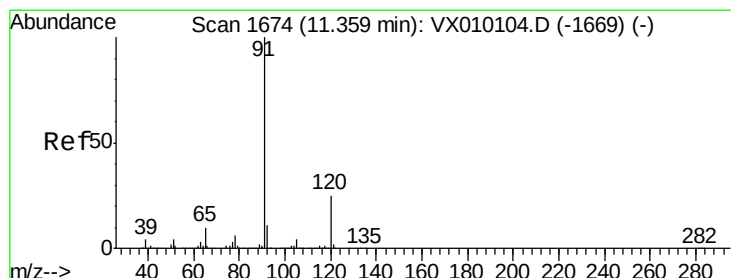
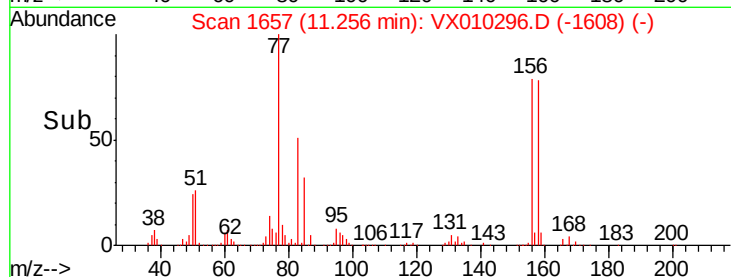
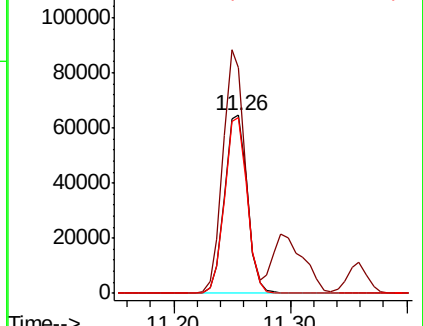
158 97.8 49.6 148.8



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: 17.746 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010296.D

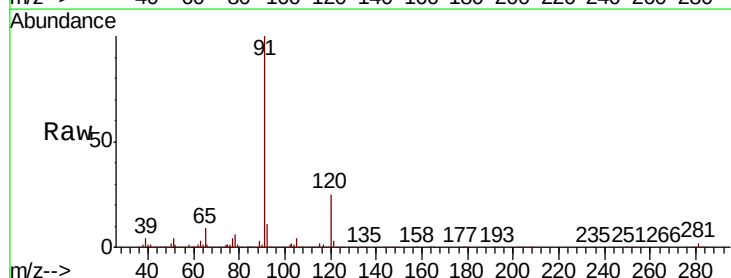
Acq: 14 Jun 2019 13:32

Tgt Ion: 91 Resp: 351171

Ion Ratio Lower Upper

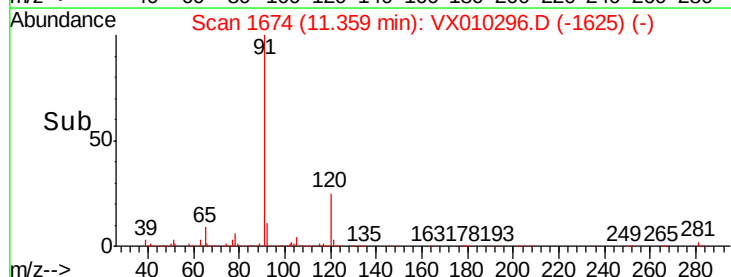
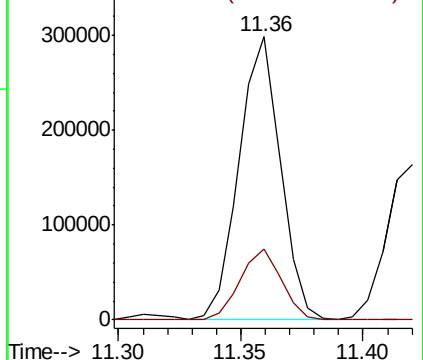
91 100

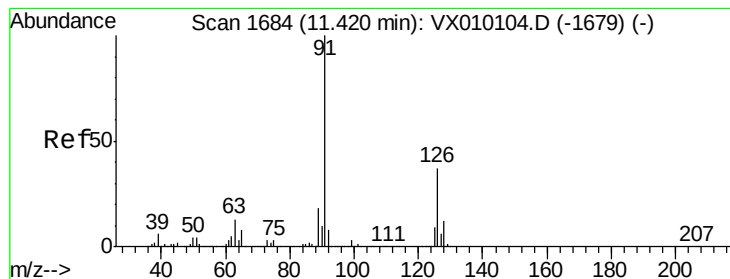
120 25.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.502 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

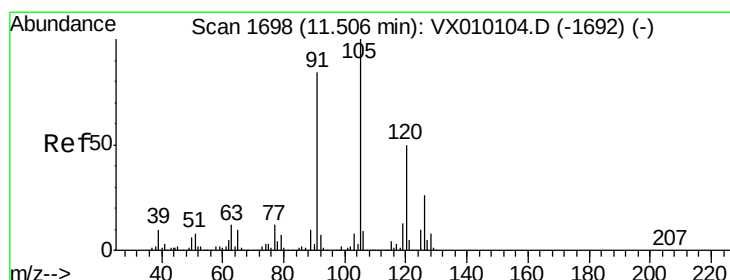
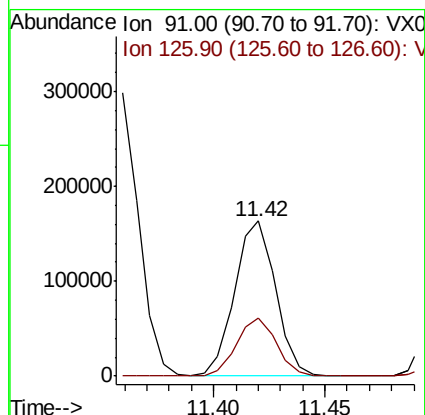
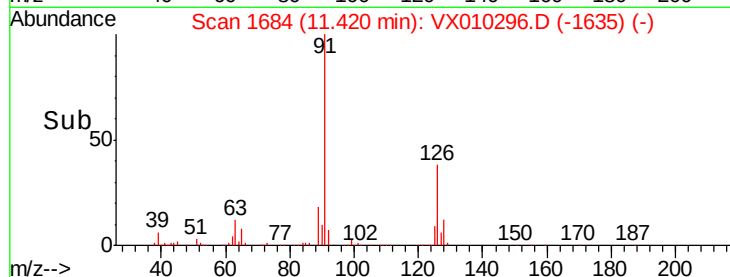
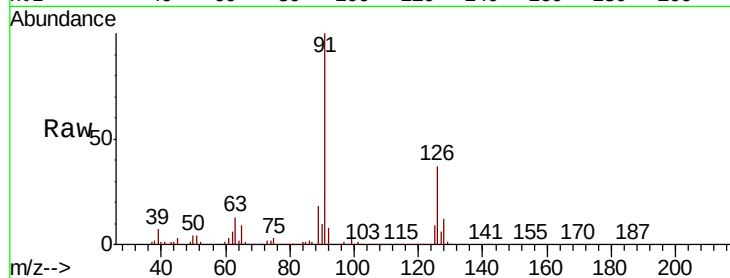
VX0614MBS02

Tot Ion: 91 Resp: 208009

Ion Ratio Lower Upper

91 100

126 37.0 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 17.541 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010296.D

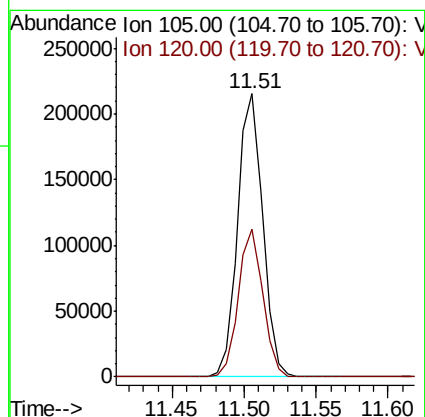
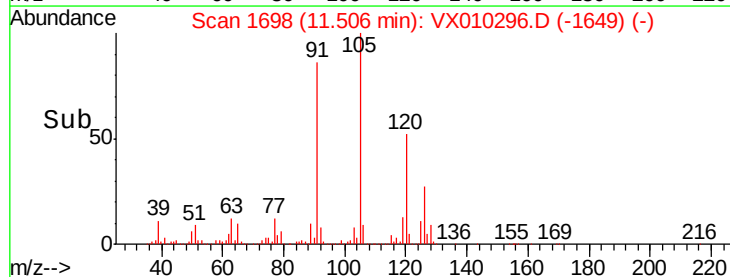
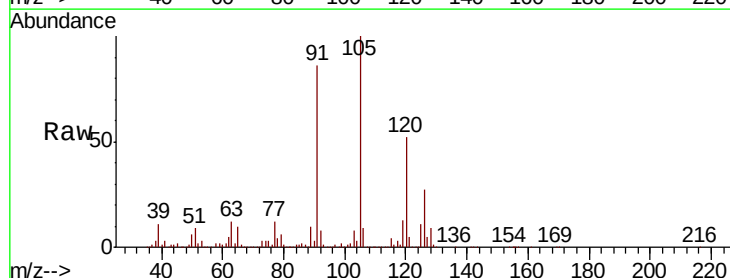
Acq: 14 Jun 2019 13:32

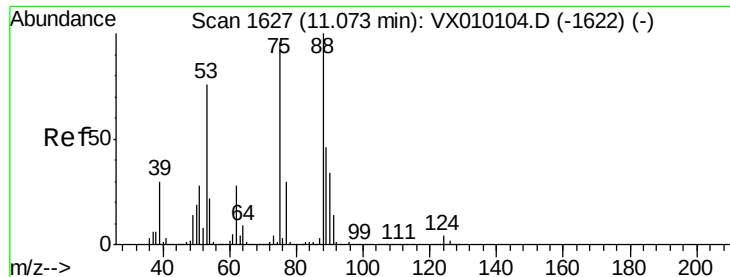
Tgt Ion:105 Resp: 262615

Ion Ratio Lower Upper

105 100

120 50.9 24.1 72.3

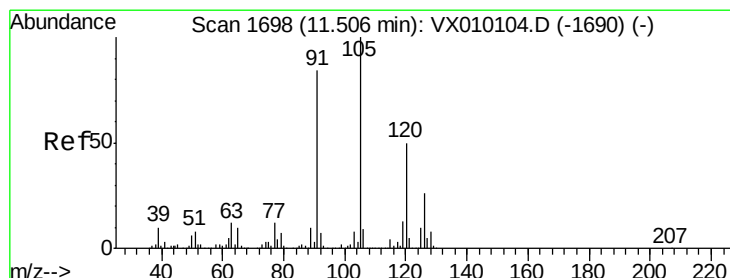
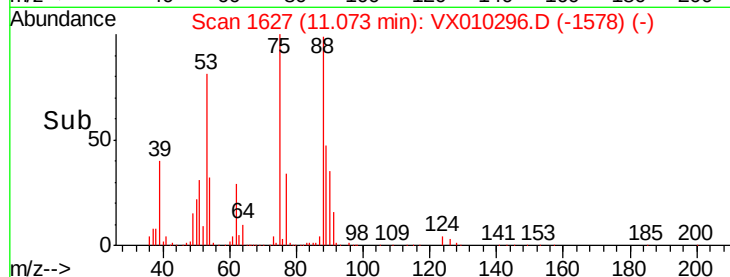
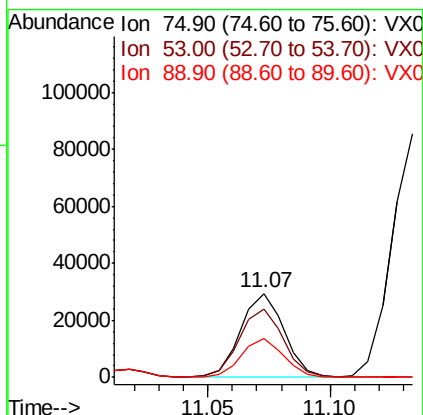
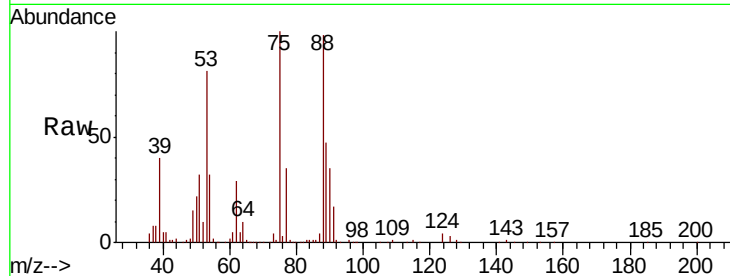




#81
trans-1,4-Dichloro-2-butene
Concen: 15.735 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

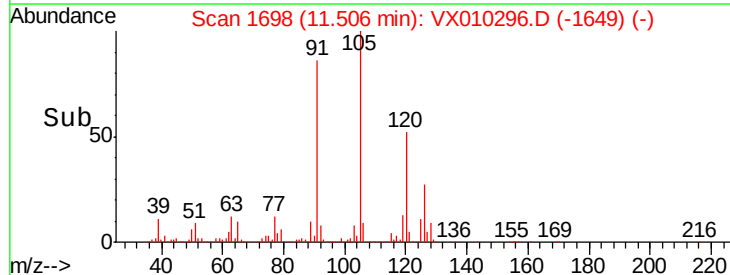
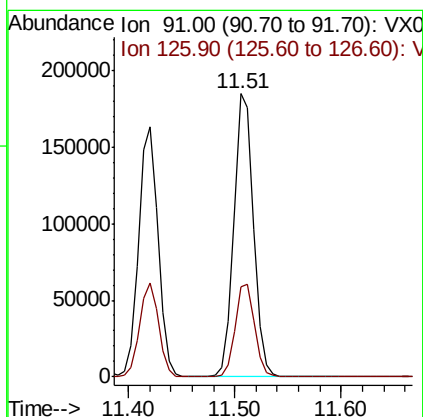
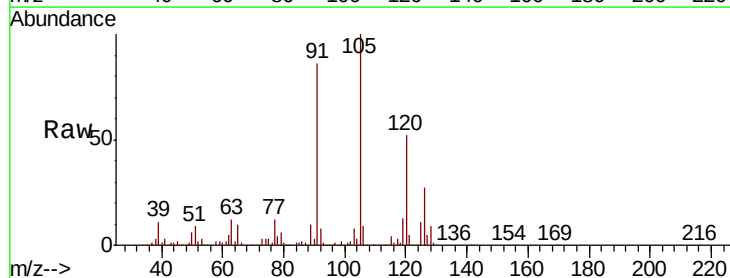
Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS02

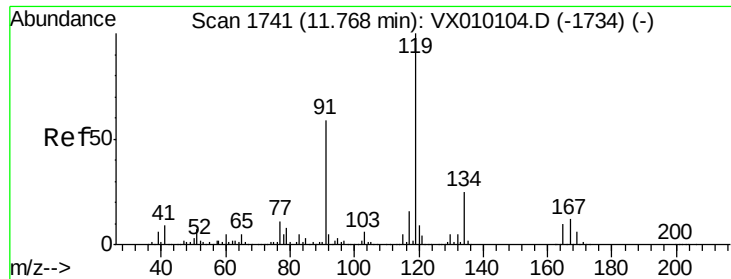
Tot Ion: 75 Resp: 36271
Ion Ratio Lower Upper
75 100
53 82.2 79.8 119.6
89 46.0 34.2 51.4



#82
4-Chlorotoluene
Concen: 17.677 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010296.D
Acq: 14 Jun 2019 13:32

Tgt Ion: 91 Resp: 238650
Ion Ratio Lower Upper
91 100
126 32.7 14.2 42.6

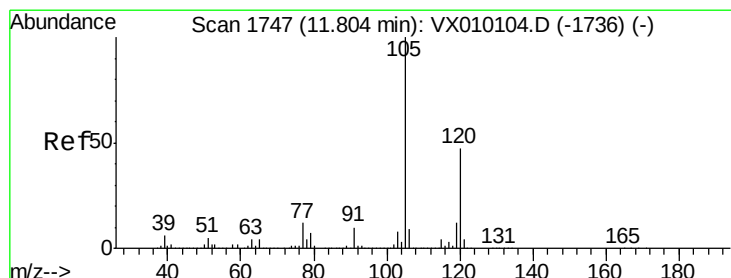
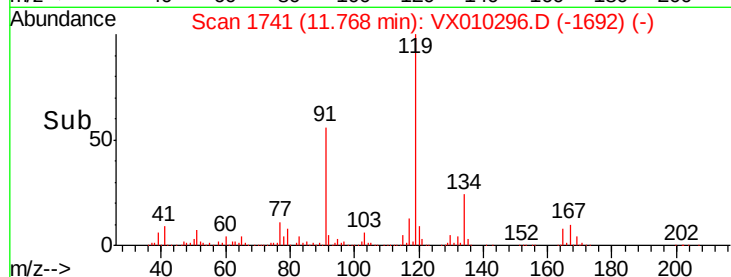
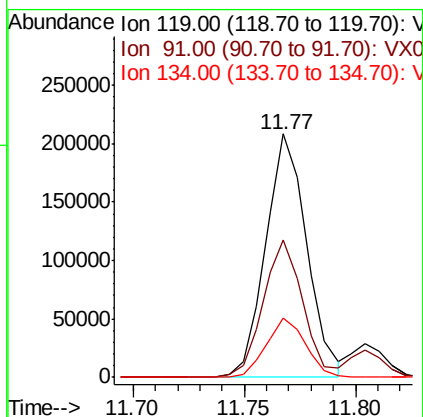
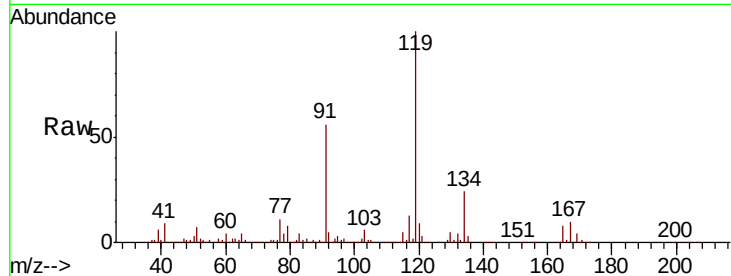




#83
 tert-Butylbenzene
 Concen: 17.630 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

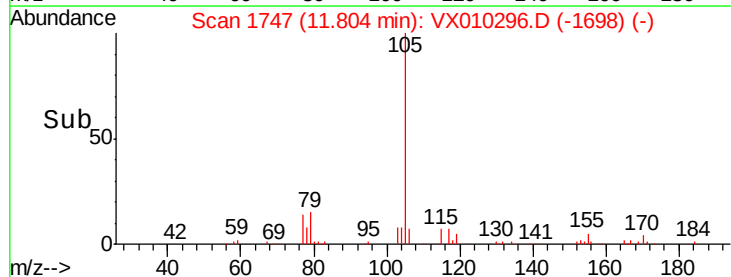
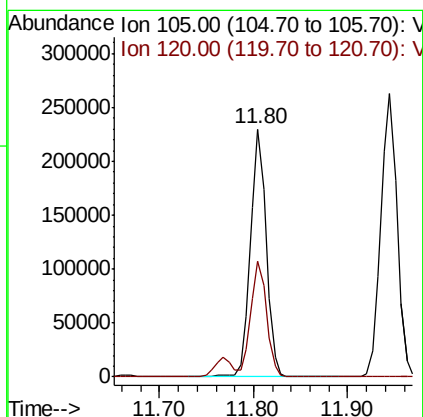
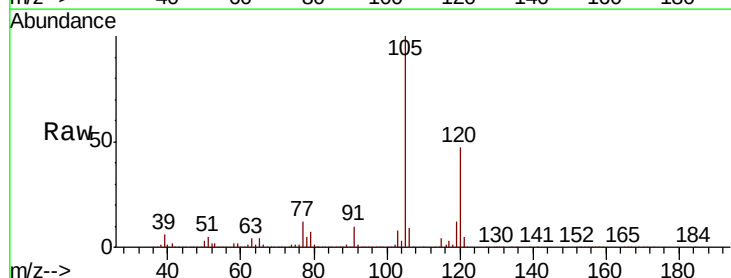
Instrument :
 MSVOA_X
 ClientSampled :
 VX0614MBS02

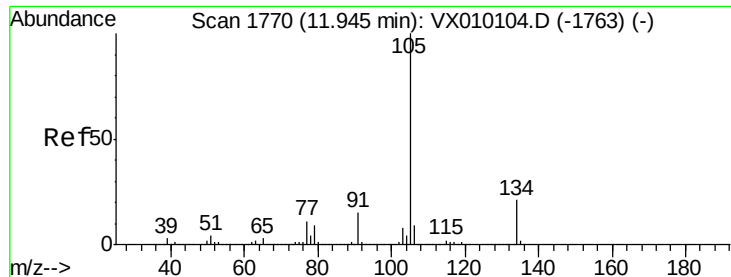
Tot Ion:119 Resp: 267152
 Ion Ratio Lower Upper
 119 100
 91 54.5 30.0 90.0
 134 23.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 17.700 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Tgt Ion:105 Resp: 267662
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 17.828 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

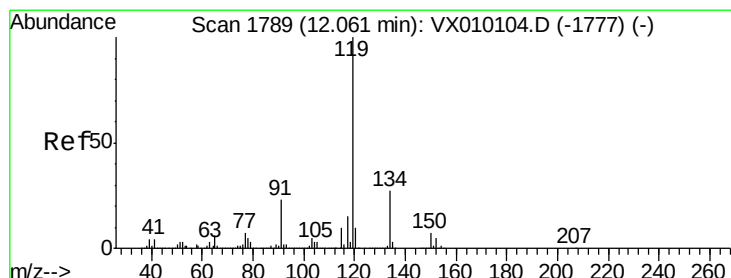
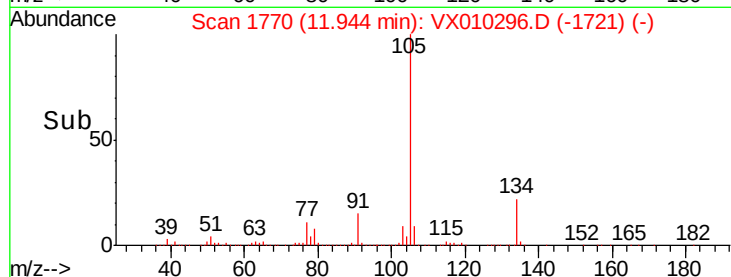
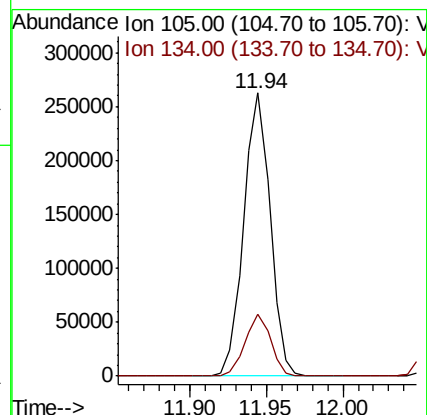
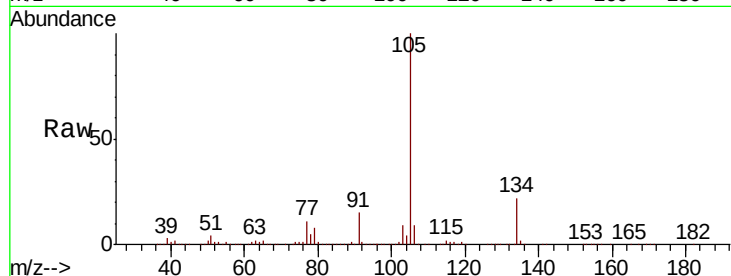
VX0614MBS02

Tot Ion:105 Resp: 314726

Ion Ratio Lower Upper

105 100

134 21.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 18.205 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

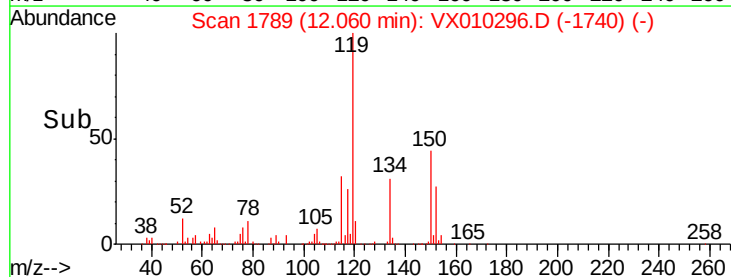
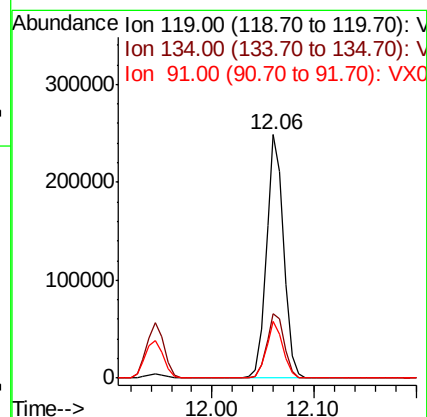
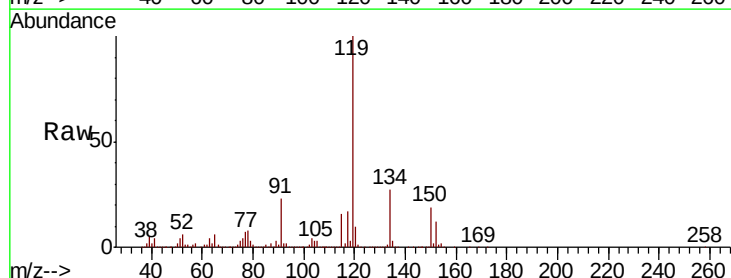
Tgt Ion:119 Resp: 293803

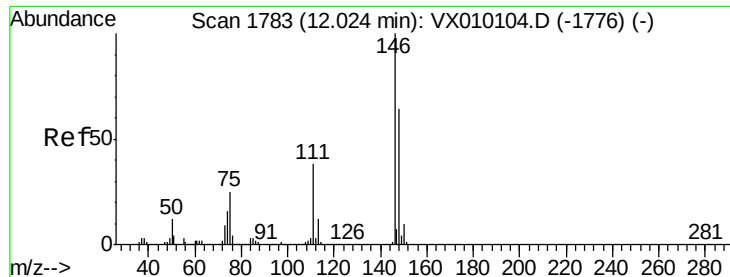
Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.6

91 22.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 18.095 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

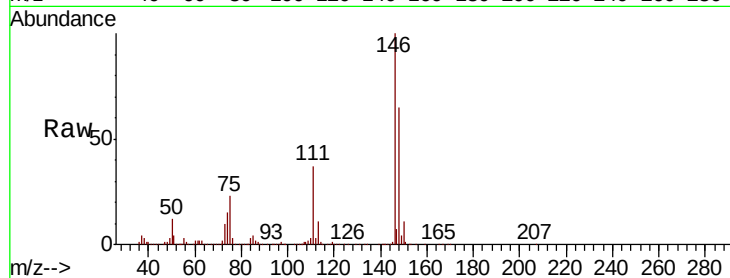
Tot Ion:146 Resp: 155794

Ion Ratio Lower Upper

146 100

111 37.0 20.1 60.2

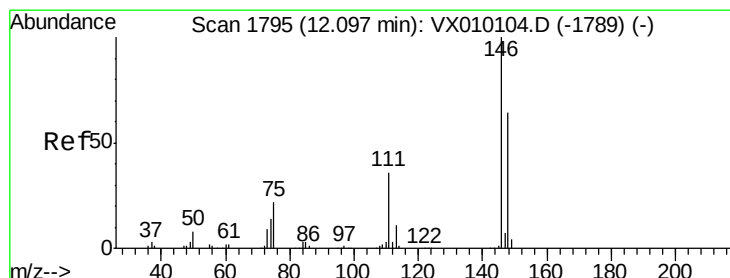
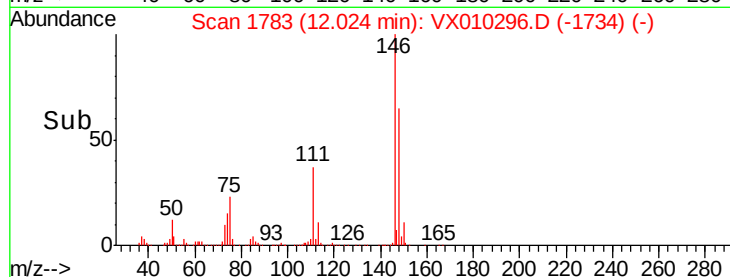
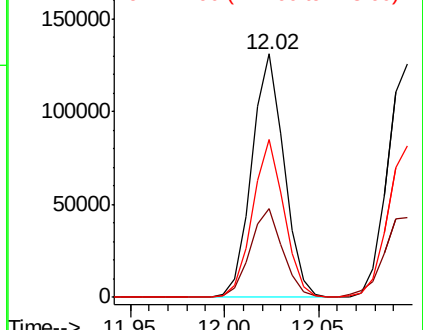
148 63.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.928 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

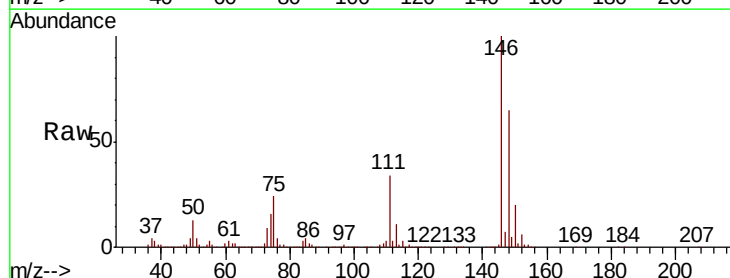
Tgt Ion:146 Resp: 155597

Ion Ratio Lower Upper

146 100

111 37.5 20.0 59.9

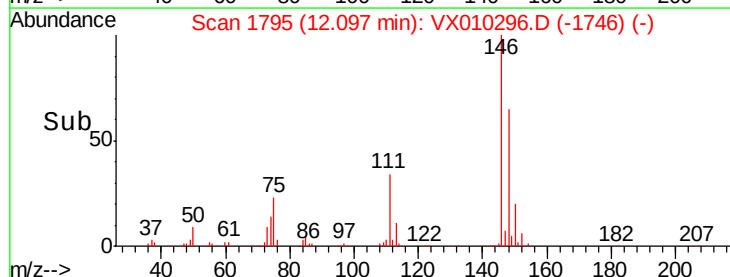
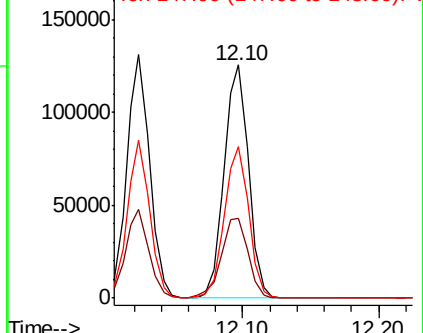
148 65.2 32.3 96.9

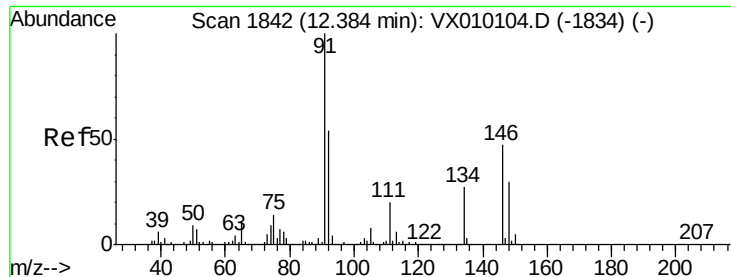


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.441 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

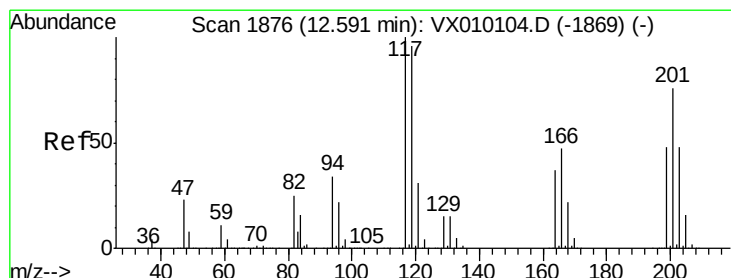
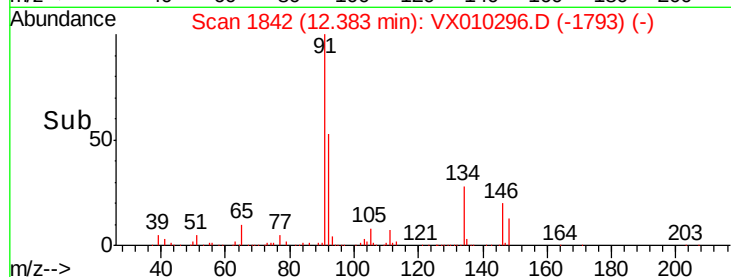
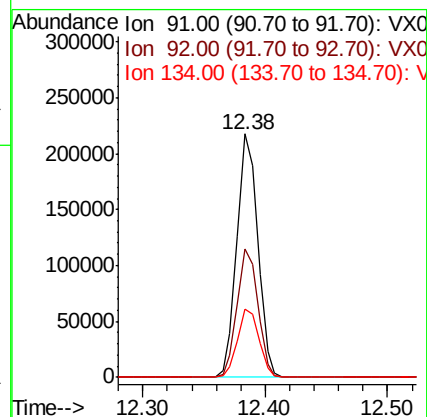
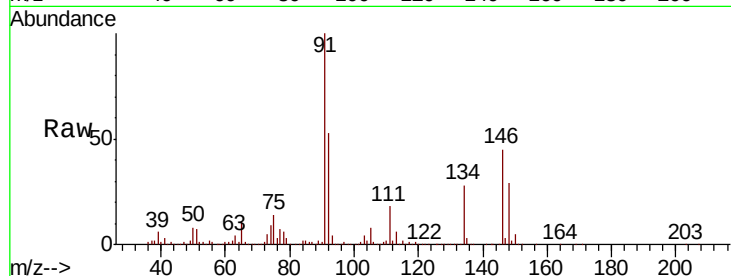
Tot Ion: 91 Resp: 256181

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.8

134 28.8 12.3 36.8



#90

Hexachloroethane

Concen: 15.660 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010296.D

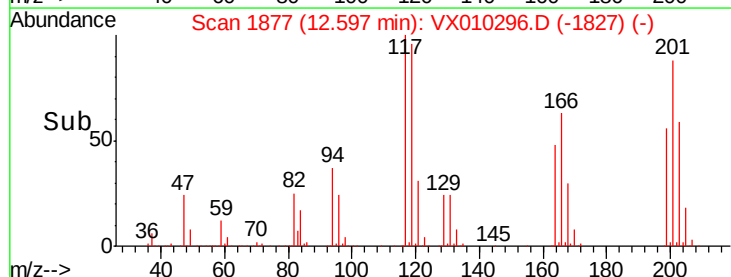
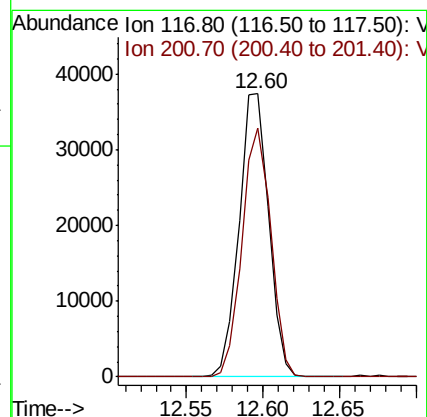
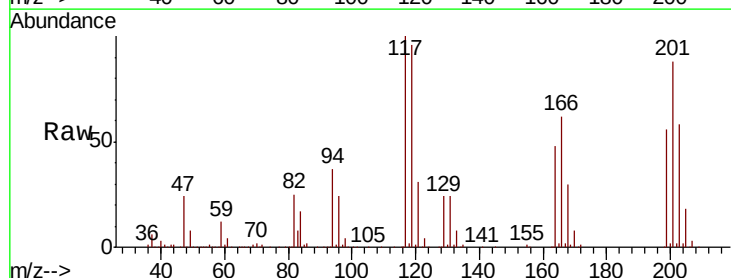
Acq: 14 Jun 2019 13:32

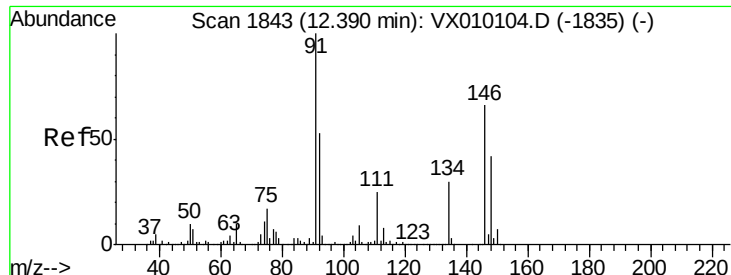
Tgt Ion: 117 Resp: 50345

Ion Ratio Lower Upper

117 100

201 85.1 43.6 130.9

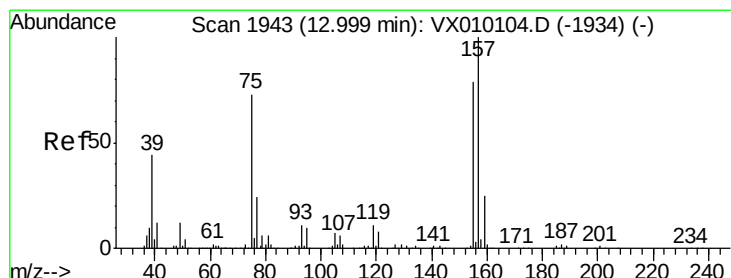
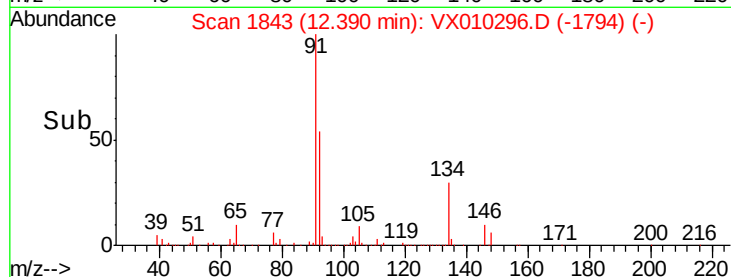
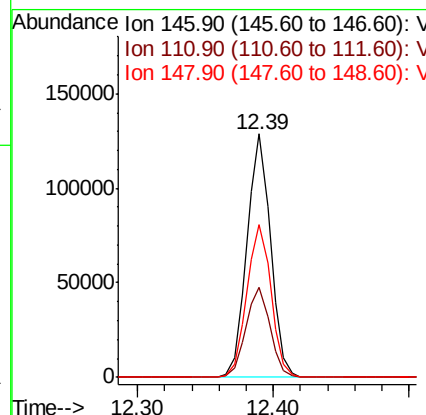
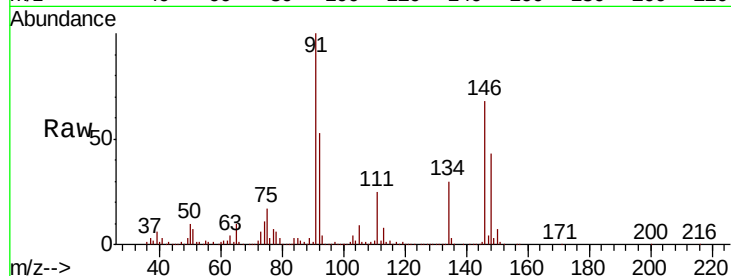




#91
 1,2-Dichlorobenzene
 Concen: 18.583 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

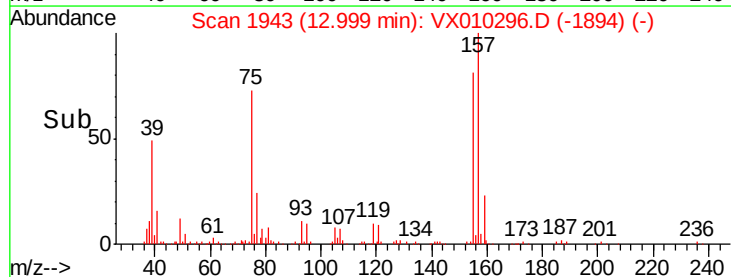
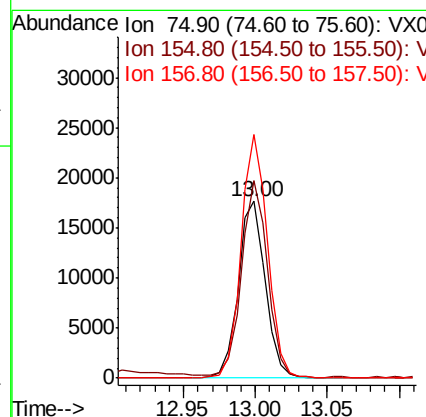
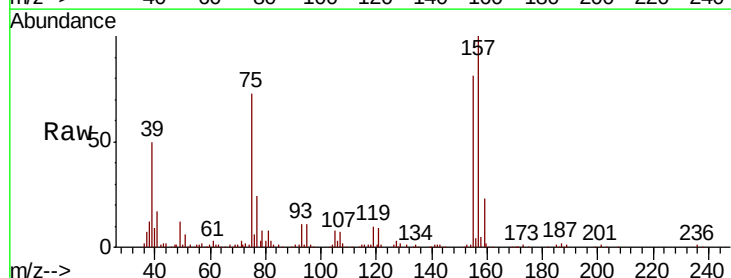
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

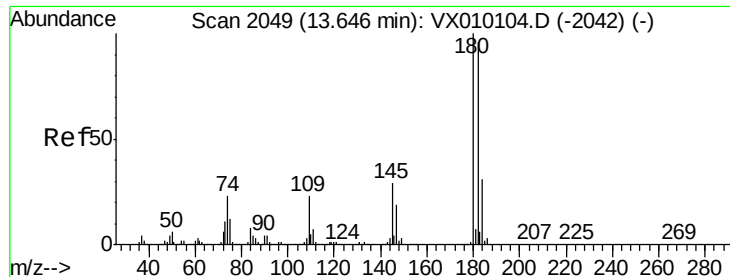
Tot Ion:146 Resp: 155543
 Ion Ratio Lower Upper
 146 100
 111 37.9 21.1 63.1
 148 64.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.206 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Tgt Ion: 75 Resp: 23203
 Ion Ratio Lower Upper
 75 100
 155 107.5 39.3 117.8
 157 133.9 50.6 151.8

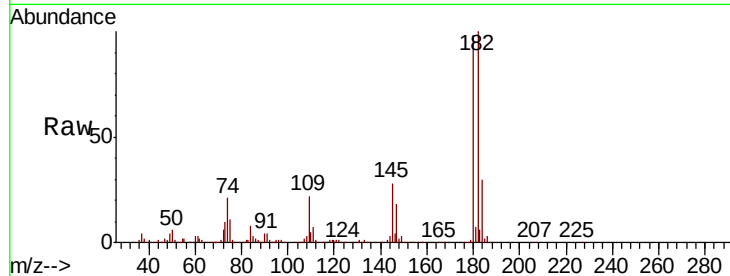




#93
 1,2,4-Trichlorobenzene
 Concen: 18.229 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.4	142.2
145	29.4	14.5	43.5

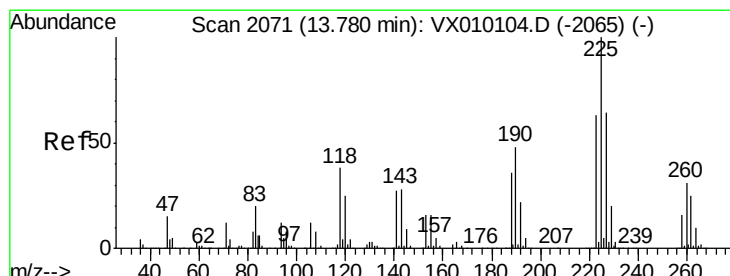
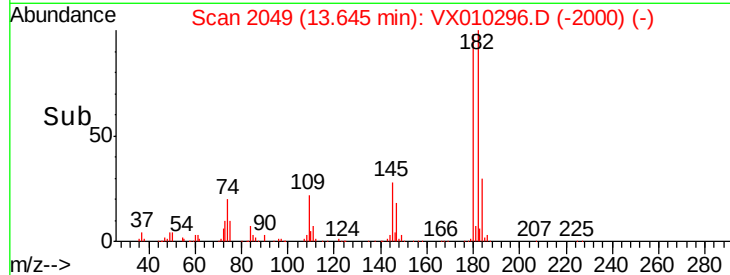
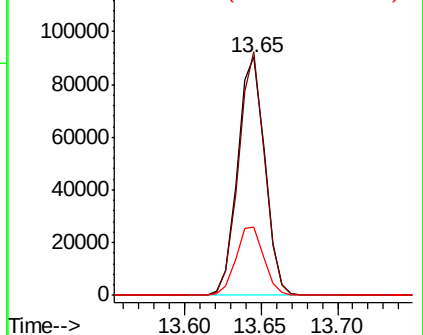


Abundance

Ion 179.80 (179.50 to 180.50): V

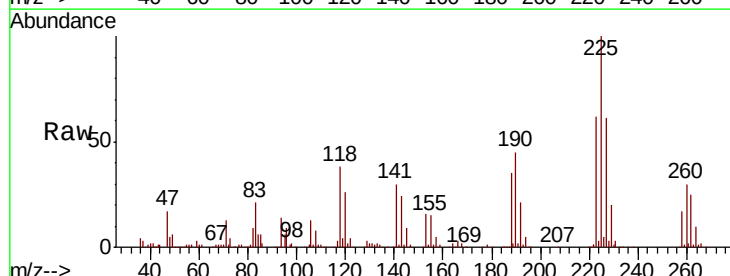
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.448 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010296.D
 Acq: 14 Jun 2019 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.3	93.8
227	62.0	32.3	96.8

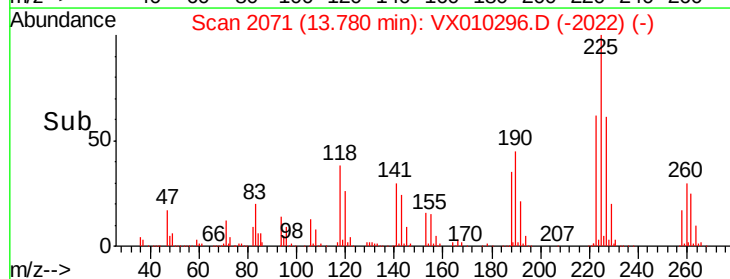
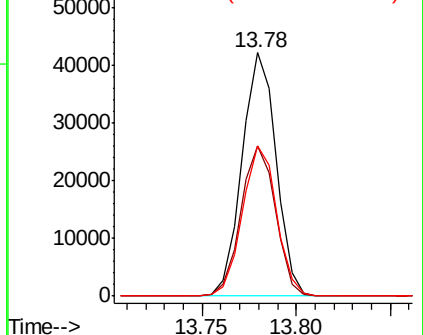


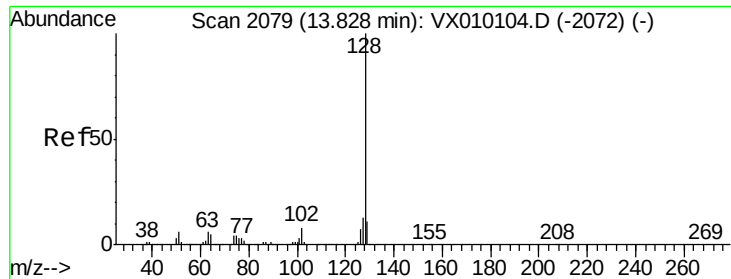
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.425 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS02

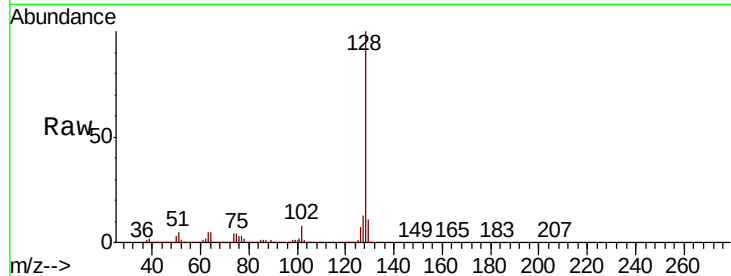
Tot Ion:128 Resp: 355362

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

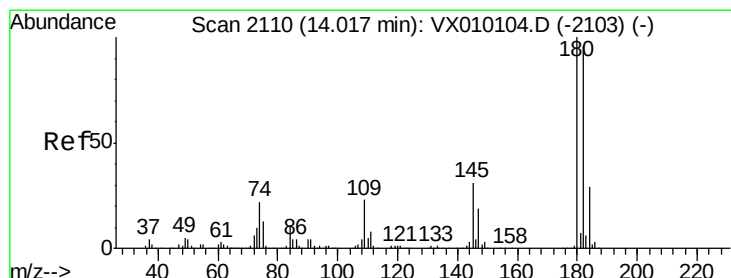
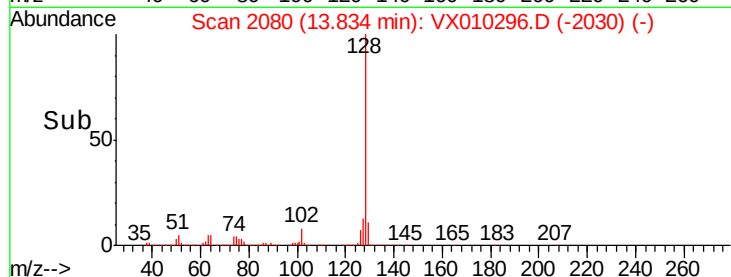
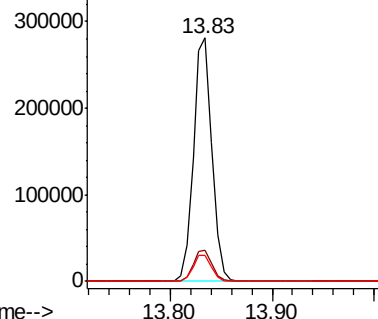
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.416 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010296.D

Acq: 14 Jun 2019 13:32

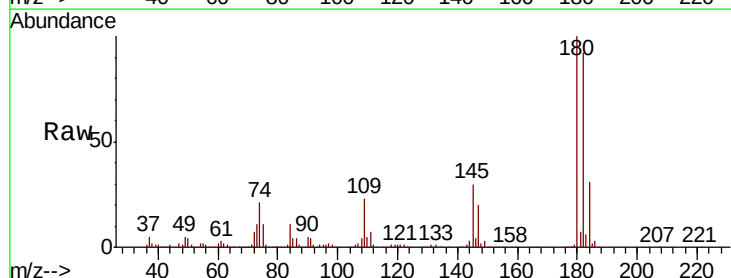
Tgt Ion:180 Resp: 111566

Ion Ratio Lower Upper

180 100

182 95.3 47.3 142.0

145 31.1 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

