

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010096.D
 Acq On : 05 Jun 2019 23:52
 Operator : JC/SP
 Sample : VX0605WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	247292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110248	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	104660	48.02	ug/l	0.00
Spiked Amount						
			Recovery	=	96.04%	
35) Dibromofluoromethane	5.50	113	77129	49.61	ug/l	0.00
Spiked Amount						
			Recovery	=	99.22%	
50) Toluene-d8	8.71	98	314008	49.74	ug/l	0.00
Spiked Amount						
			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	114100	50.32	ug/l	0.00
Spiked Amount						
			Recovery	=	100.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40322	21.387	ug/l	100
3) Chloromethane	1.32	50	47044	18.561	ug/l	99
4) Vinyl Chloride	1.41	62	43566	19.067	ug/l	97
5) Bromomethane	1.64	94	26058	18.823	ug/l	97
6) Chloroethane	1.72	64	26994	19.192	ug/l	94
7) Trichlorofluoromethane	1.93	101	50947	20.178	ug/l	99
8) Diethyl Ether	2.19	74	22124	18.647	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29632	19.439	ug/l	98
10) Methyl Iodide	2.51	142	32041	20.050	ug/l	99
11) Tert butyl alcohol	3.05	59	59709	111.324	ug/l	98
12) 1,1-Dichloroethene	2.37	96	30992	19.835	ug/l	95
13) Acrolein	2.29	56	28307	89.270	ug/l	99
14) Allyl chloride	2.73	41	71962	18.949	ug/l	99
15) Acrylonitrile	3.14	53	124059	95.997	ug/l	99
16) Acetone	2.45	43	110619	87.848	ug/l	99
17) Carbon Disulfide	2.57	76	92050	19.691	ug/l	100
18) Methyl Acetate	2.78	43	56544	19.298	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	117318	19.888	ug/l	99
20) Methylene Chloride	2.85	84	37509	19.452	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	33973	19.541	ug/l	97
22) Diisopropyl ether	3.85	45	142442	19.713	ug/l	98
23) Vinyl Acetate	3.82	43	620333	95.565	ug/l	99
24) 1,1-Dichloroethane	3.70	63	69062	19.722	ug/l	100
25) 2-Butanone	4.67	43	187431	95.539	ug/l	100
26) 2,2-Dichloropropane	4.59	77	41360	15.614	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	38810	19.339	ug/l	96
28) Bromochloromethane	5.02	49	32003	17.612	ug/l	99
29) Tetrahydrofuran	5.13	42	122690	97.524	ug/l	97
30) Chloroform	5.21	83	62767	19.875	ug/l	98
31) Cyclohexane	5.58	56	67512	20.356	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	52612	20.456	ug/l	100
36) 1,1-Dichloropropene	5.80	75	47293	18.849	ug/l	97
37) Ethyl Acetate	4.84	43	70276	20.101	ug/l	98
38) Carbon Tetrachloride	5.79	117	44116	20.347	ug/l	93

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 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59117	19.863	ug/l	98
40) Benzene	6.15	78	149887	20.138	ug/l	99
41) Methacrylonitrile	5.04	41	38333	18.764	ug/l	97
42) 1,2-Dichloroethane	6.20	62	54584	19.837	ug/l	99
43) Isopropyl Acetate	6.45	43	108964	19.316	ug/l	99
44) Trichloroethene	7.21	130	35823	19.814	ug/l	97
45) 1,2-Dichloropropane	7.51	63	42034	19.618	ug/l	98
46) Dibromomethane	7.66	93	24006	19.034	ug/l	96
47) Bromodichloromethane	7.90	83	48128	20.068	ug/l	100
48) Methyl methacrylate	7.77	41	54851	19.642	ug/l	98
49) 1,4-Dioxane	7.74	88	21657	416.934	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	365239	99.532	ug/l	99
52) Toluene	8.79	92	92320	20.429	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53507	18.603	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	58903	18.796	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36575	20.108	ug/l	98
56) Ethyl methacrylate	9.18	69	65550	20.243	ug/l	100
57) 1,3-Dichloropropane	9.37	76	64864	19.857	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	150158	88.431	ug/l	99
59) 2-Hexanone	9.49	43	282798	100.098	ug/l	99
60) Dibromochloromethane	9.58	129	36307	20.292	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37698	20.174	ug/l	100
64) Tetrachloroethene	9.34	164	35414	22.579	ug/l	95
65) Chlorobenzene	10.14	112	93730	19.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33766	20.709	ug/l	99
67) Ethyl Benzene	10.25	91	172930	20.488	ug/l	100
68) m/p-Xylenes	10.36	106	128285	41.140	ug/l	98
69) o-Xylene	10.70	106	62241	20.812	ug/l	99
70) Styrene	10.71	104	107990	20.593	ug/l	100
71) Bromoform	10.85	173	27320	20.498	ug/l #	99
73) Isopropylbenzene	11.02	105	166741	20.498	ug/l	99
74) N-amyl acetate	10.90	43	96200	19.791	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	61314	20.204	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	69935	26.527	ug/l	82
77) Bromobenzene	11.26	156	42164	20.340	ug/l	94
78) n-propylbenzene	11.36	91	188328	20.086	ug/l	100
79) 2-Chlorotoluene	11.42	91	113744	19.856	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	139928	20.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18473	17.336	ug/l	94
82) 4-Chlorotoluene	11.51	91	132062	19.803	ug/l	99
83) tert-Butylbenzene	11.77	119	133125	20.305	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	142185	20.431	ug/l	99
85) sec-Butylbenzene	11.94	105	158674	20.344	ug/l	99
86) p-Isopropyltoluene	12.06	119	144187	20.552	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73478	19.909	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74099	19.687	ug/l	100
89) n-Butylbenzene	12.39	91	127461	19.332	ug/l	100
90) Hexachloroethane	12.60	117	24094	20.012	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	74425	20.454	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13849	19.388	ug/l	94

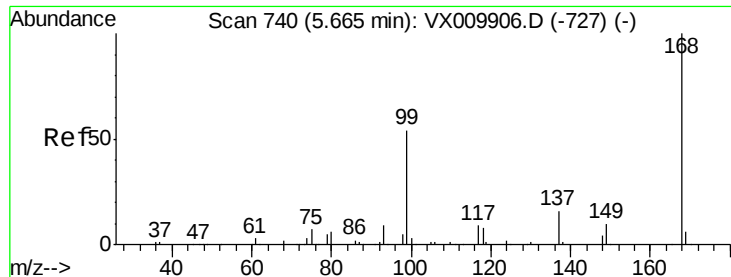
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52312	20.118	ug/l	99
94) Hexachlorobutadiene	13.78	225	25037	19.197	ug/l	99
95) Naphthalene	13.83	128	165946	20.508	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52145	20.034	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

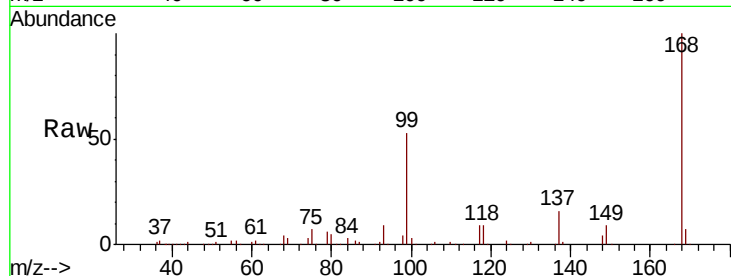
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 154285

Ion Ratio Lower Upper

168 100

99 52.5 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

60000

50000

40000

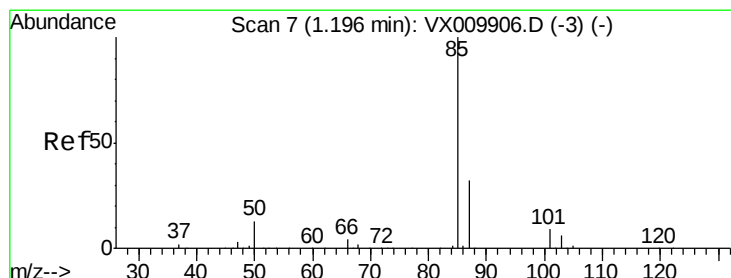
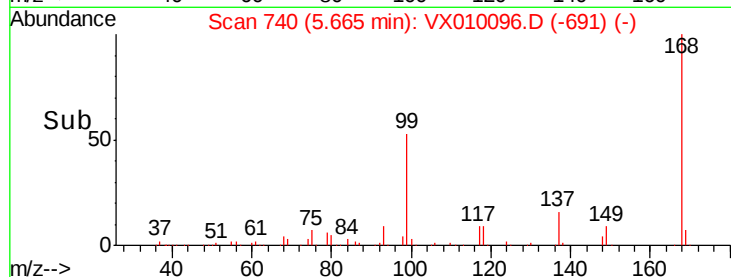
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.387 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010096.D

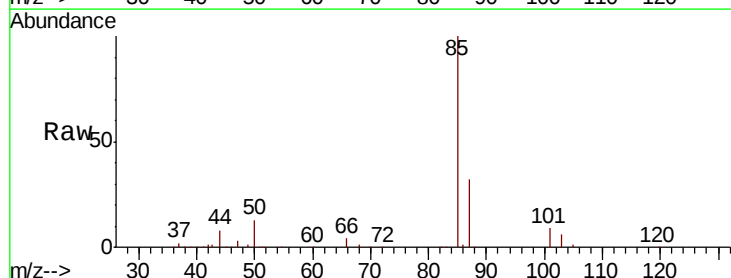
Acq: 05 Jun 2019 23:52

Tgt Ion: 85 Resp: 40322

Ion Ratio Lower Upper

85 100

87 32.0 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

40000

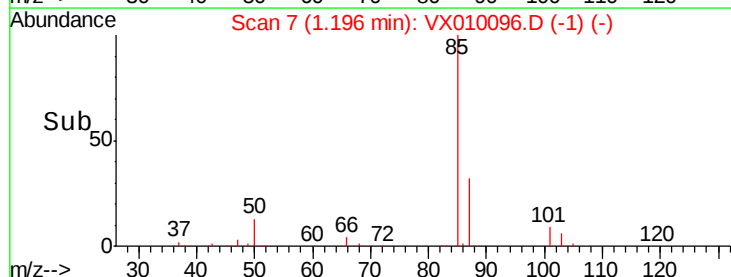
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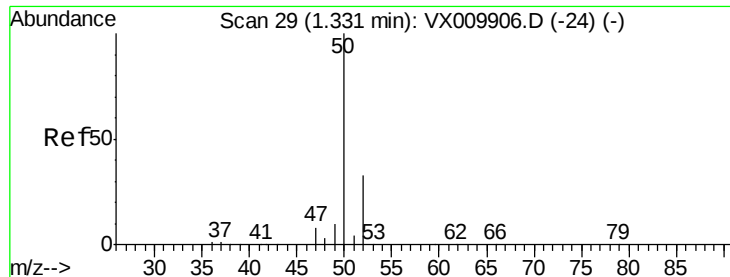
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.561 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

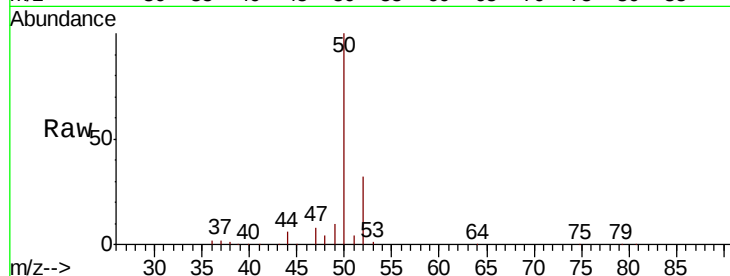
ClientSampleId :

Tot Ion: 50 Resp: 47044

Ion Ratio Lower Upper

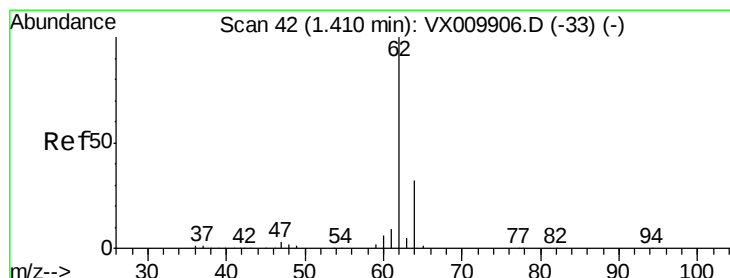
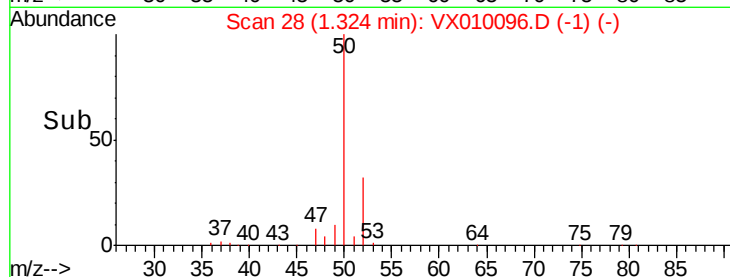
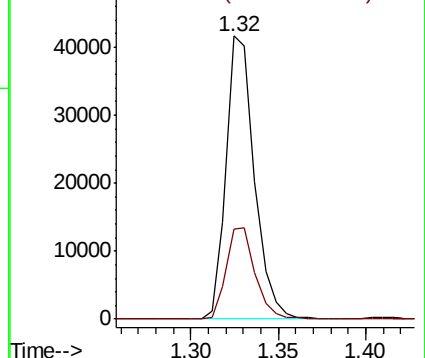
50 100

52 32.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.067 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010096.D

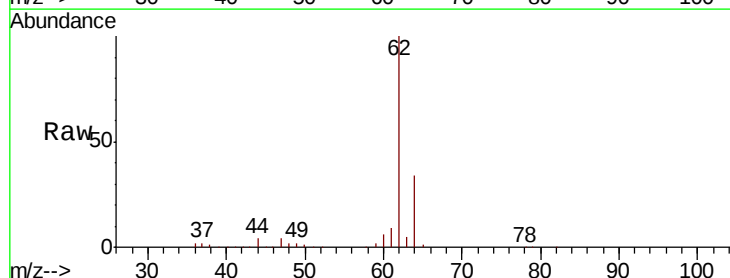
Acq: 05 Jun 2019 23:52

Tgt Ion: 62 Resp: 43566

Ion Ratio Lower Upper

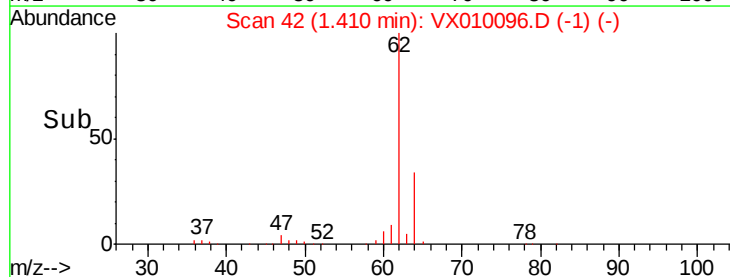
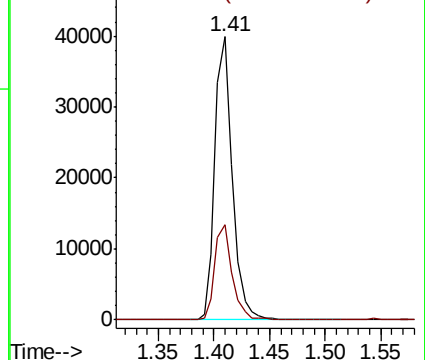
62 100

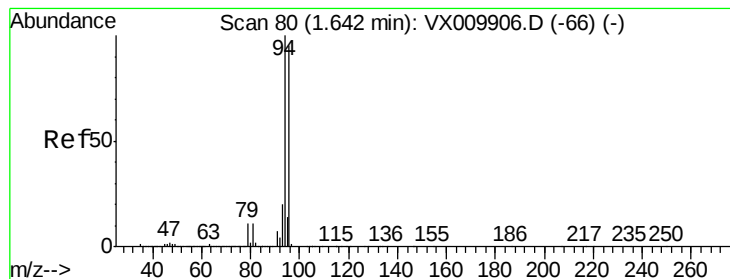
64 33.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.823 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

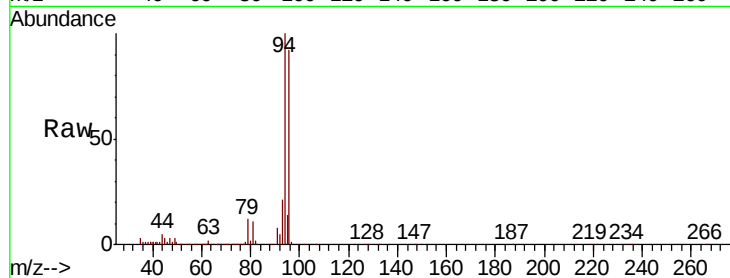
ClientSampleId :

Tot Ion: 94 Resp: 26058

Ion Ratio Lower Upper

94 100

96 92.1 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

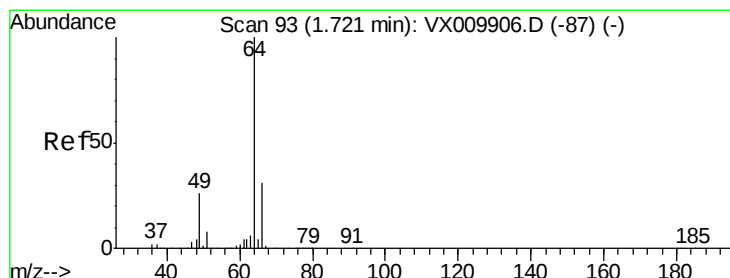
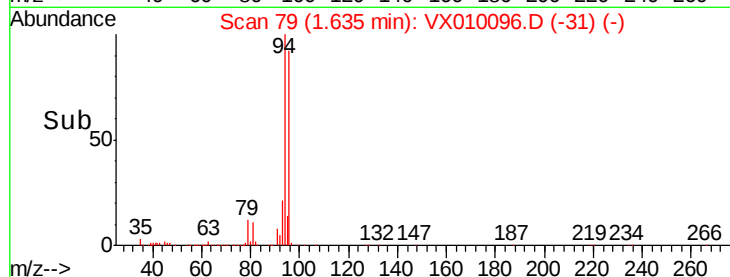
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 19.192 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010096.D

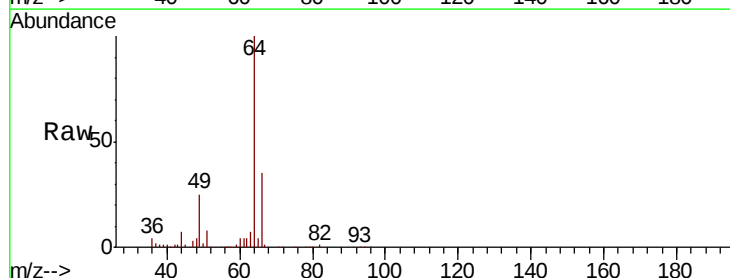
Acq: 05 Jun 2019 23:52

Tgt Ion: 64 Resp: 26994

Ion Ratio Lower Upper

64 100

66 34.6 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

20000

15000

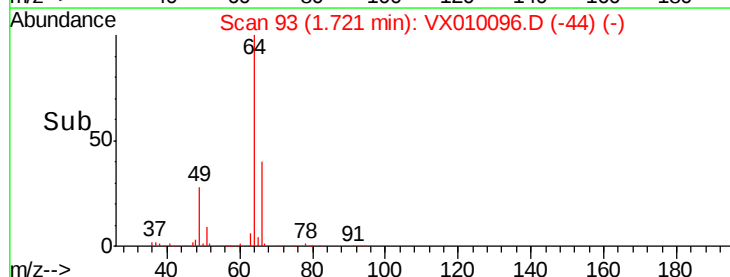
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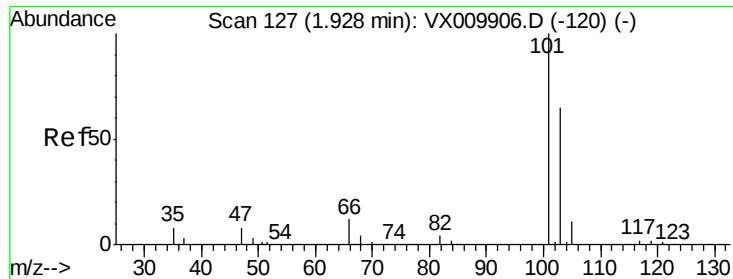
5000

0

Time-->

1.65 1.70 1.75 1.80



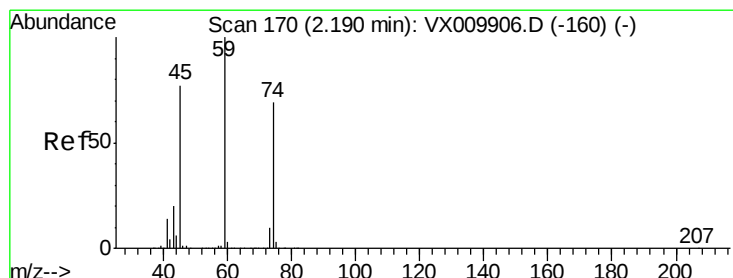
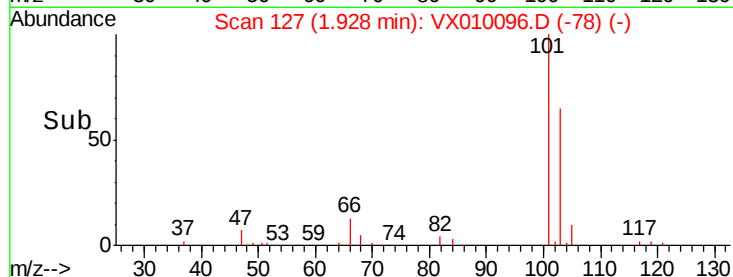
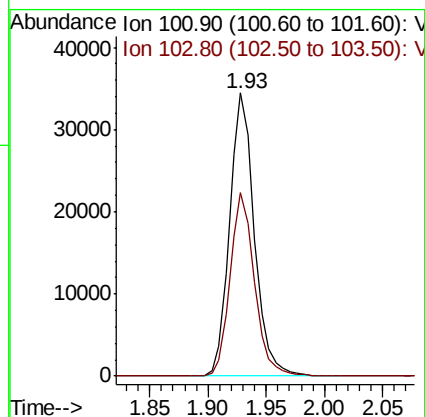
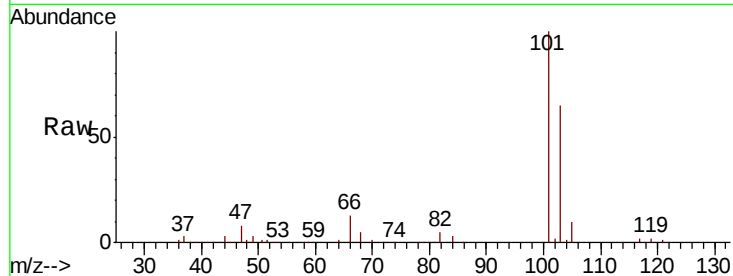


#7

Trichlorofluoromethane
Concen: 20.178 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :

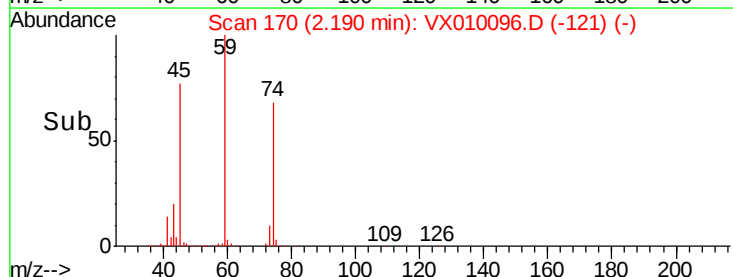
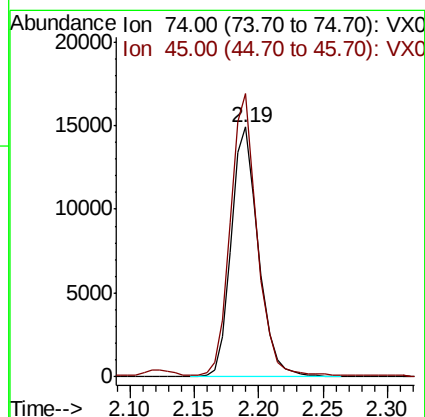
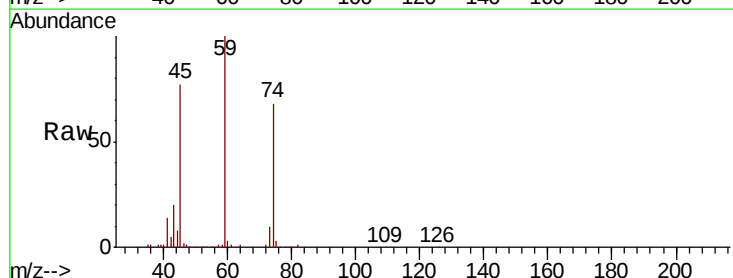
Tot Ion:101 Resp: 50947
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

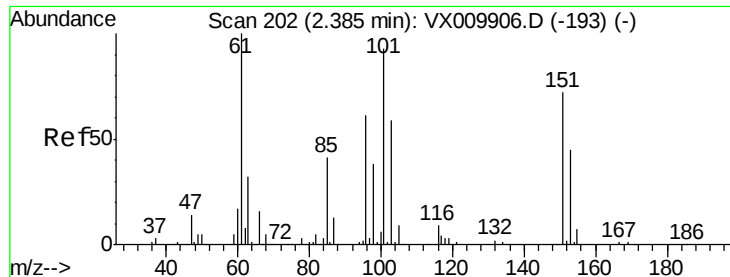


#8

Diethyl Ether
Concen: 18.647 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 74 Resp: 22124
Ion Ratio Lower Upper
74 100
45 110.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.439 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

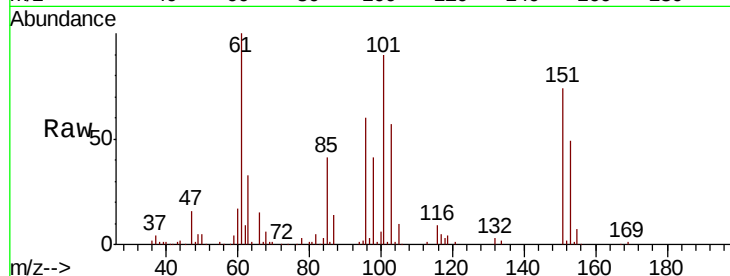
Tot Ion:101 Resp: 29632

Ion Ratio Lower Upper

101 100

85 44.7 35.2 52.8

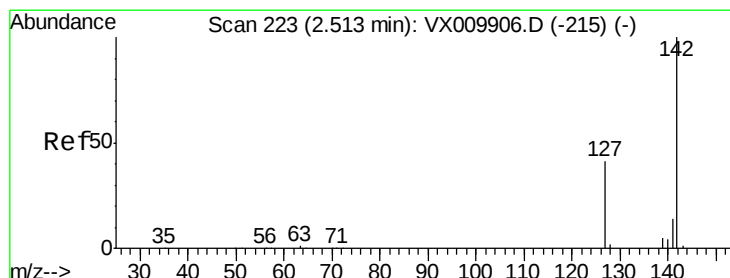
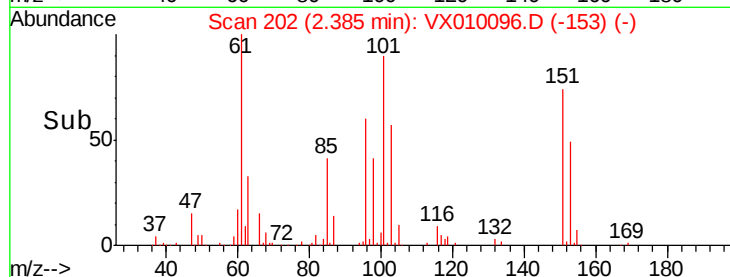
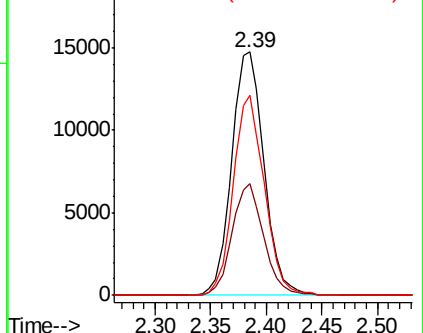
151 79.1 61.9 92.9



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: 20.050 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

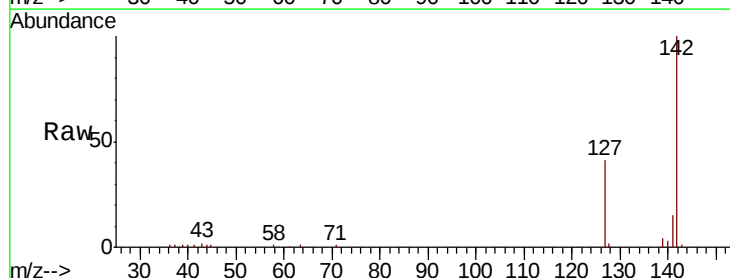
Tgt Ion:142 Resp: 32041

Ion Ratio Lower Upper

142 100

127 41.8 33.0 49.4

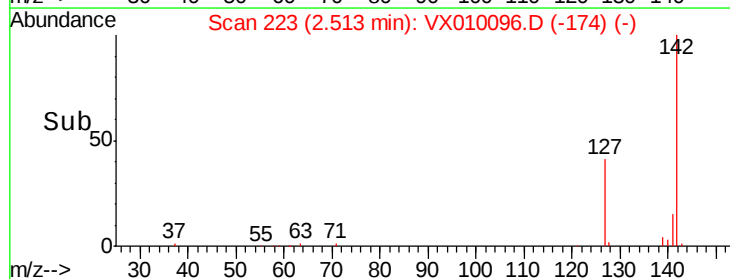
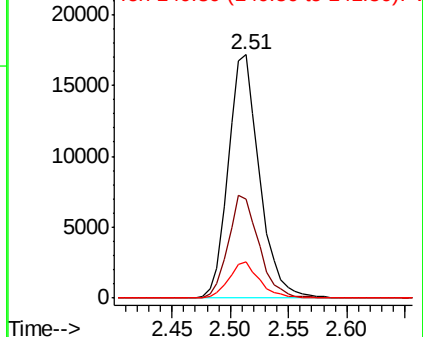
141 14.5 11.4 17.0

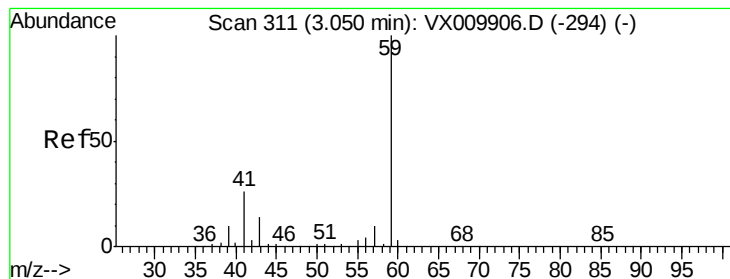


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



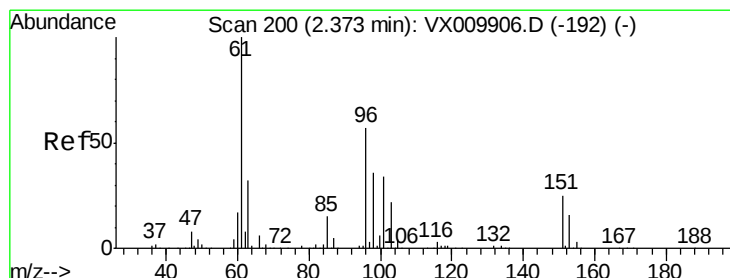
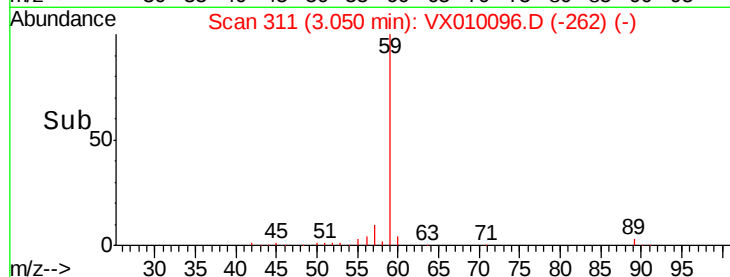
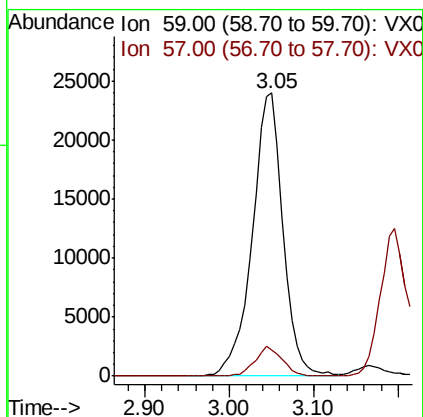
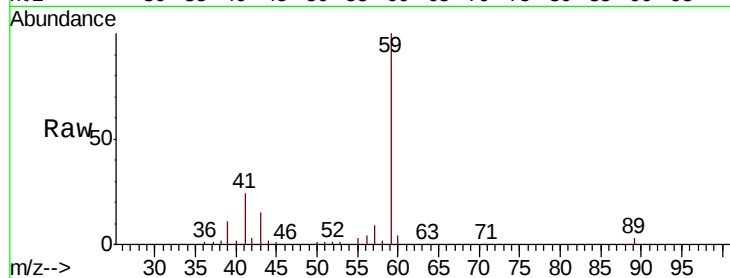


#11

Tert butyl alcohol
 Concen: 111.324 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

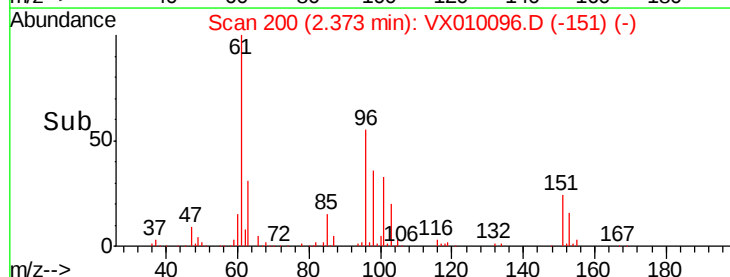
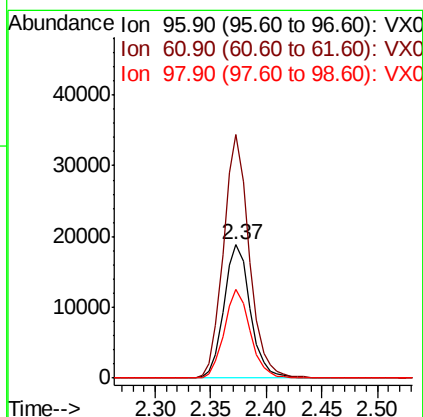
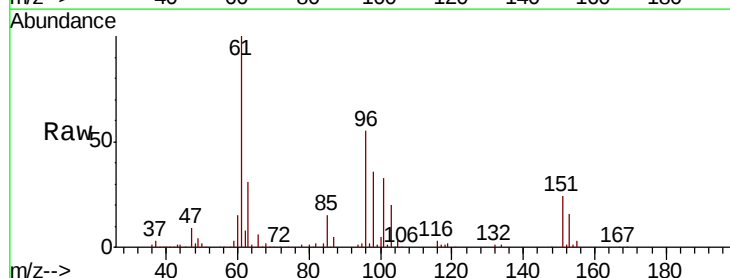
Tot Ion: 59 Resp: 59709
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.2 12.2

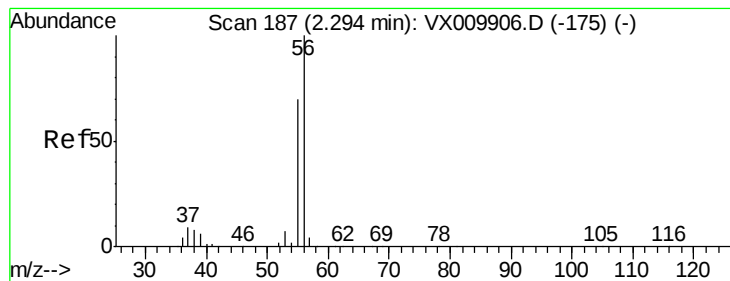


#12

1,1-Dichloroethene
 Concen: 19.835 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion: 96 Resp: 30992
 Ion Ratio Lower Upper
 96 100
 61 183.0 140.7 211.1
 98 66.5 50.1 75.1





#13

Acrolein

Concen: 89.270 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

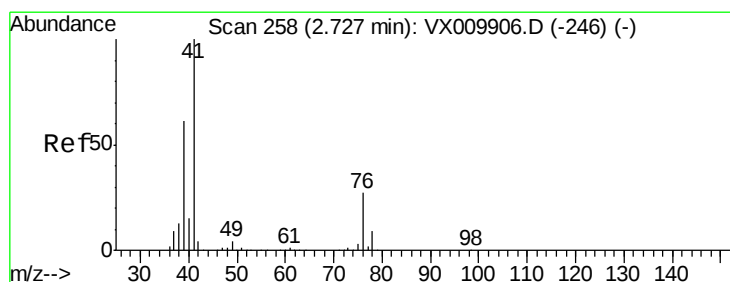
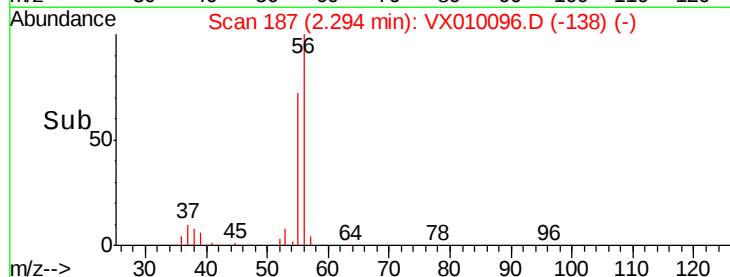
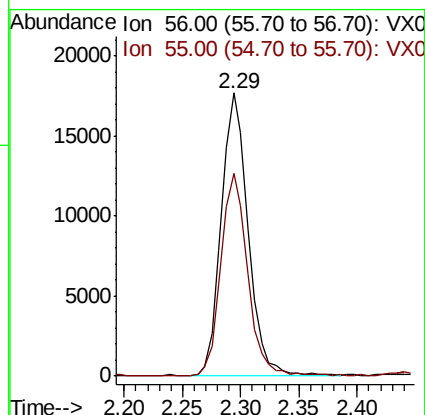
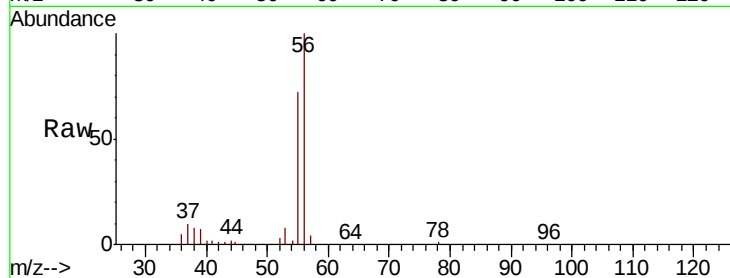
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 28307

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



#14

Allyl chloride

Concen: 18.949 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

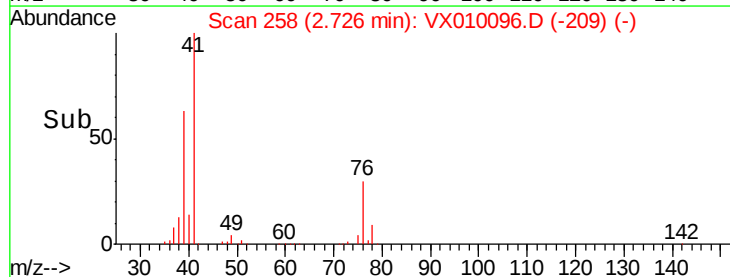
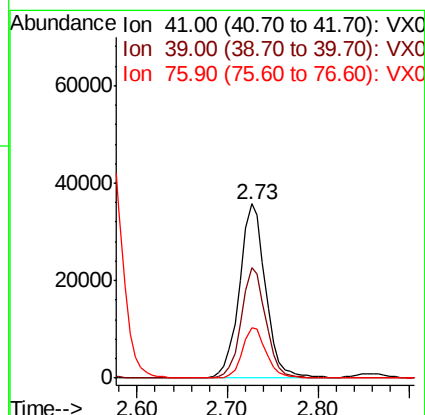
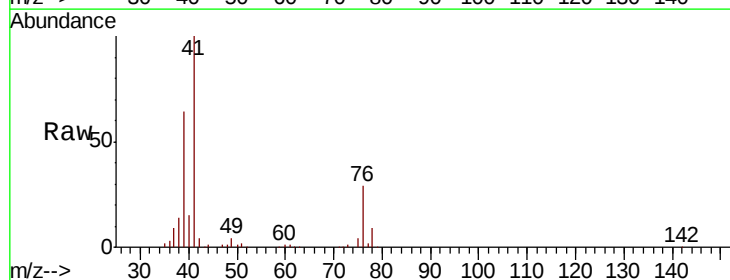
Tgt Ion: 41 Resp: 71962

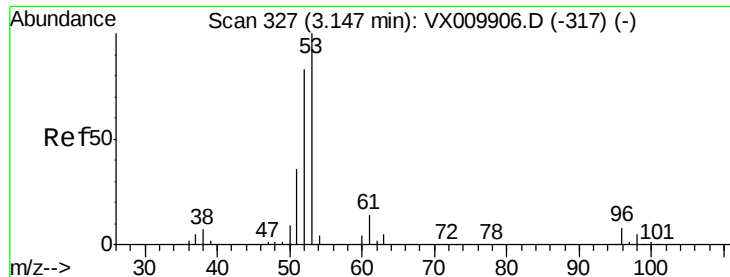
Ion Ratio Lower Upper

41 100

39 59.4 46.7 70.1

76 26.2 21.0 31.4





#15

Acrylonitrile

Concen: 95.997 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

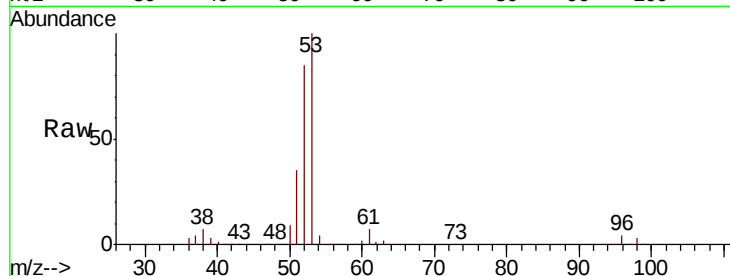
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 124059

Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.7	100.1
51	36.4	28.8	43.2

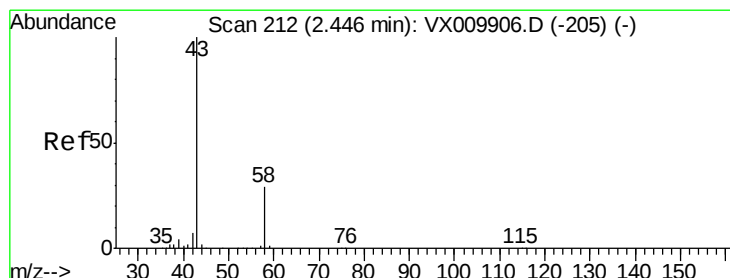
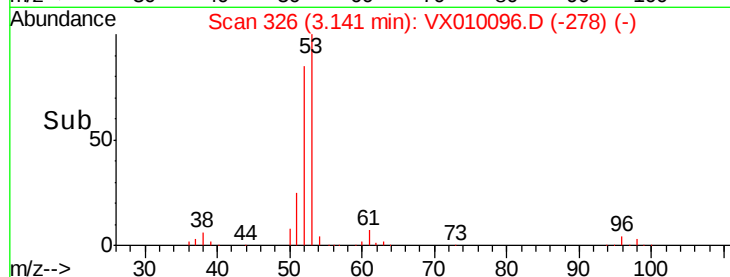
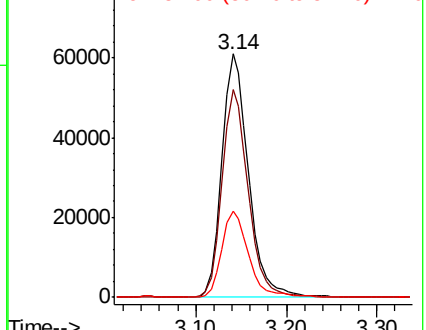


Abundance

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: 87.848 ug/l

RT: 2.45 min Scan# 212

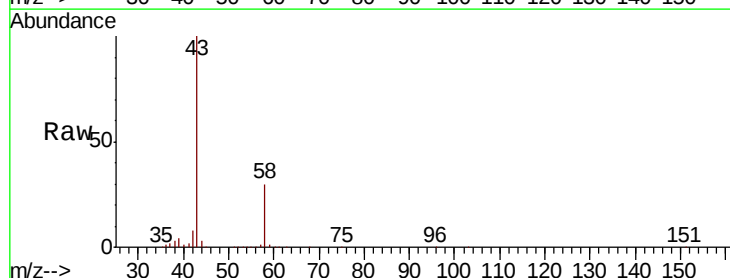
Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion: 43 Resp: 110619

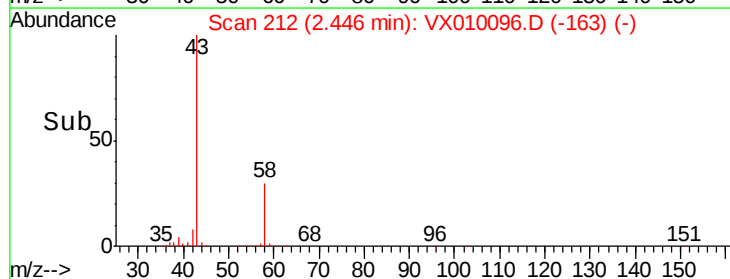
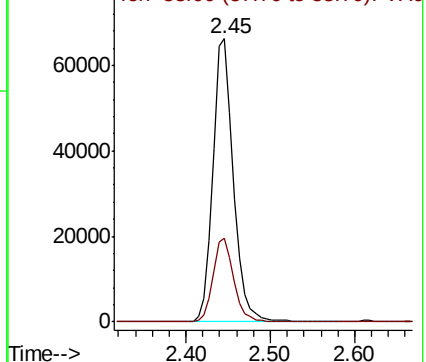
Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.2	34.8

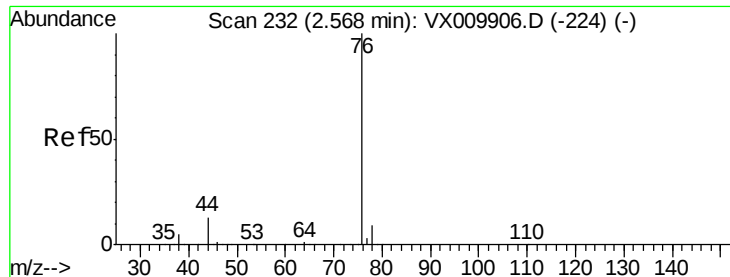


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

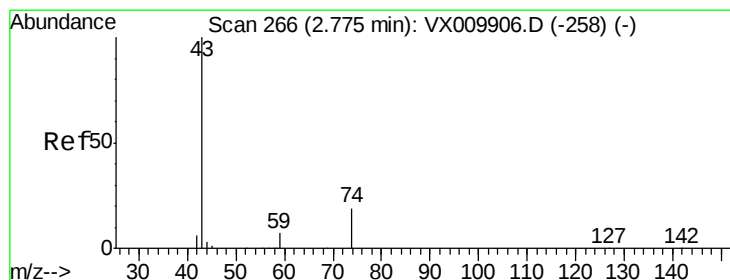
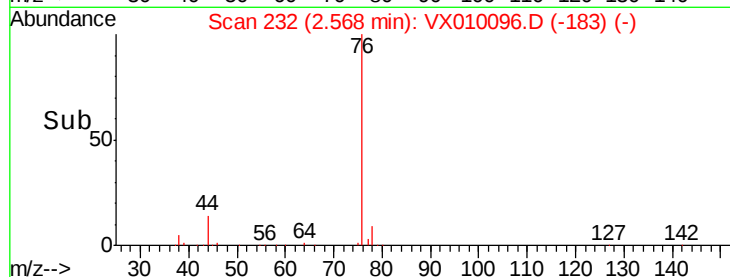
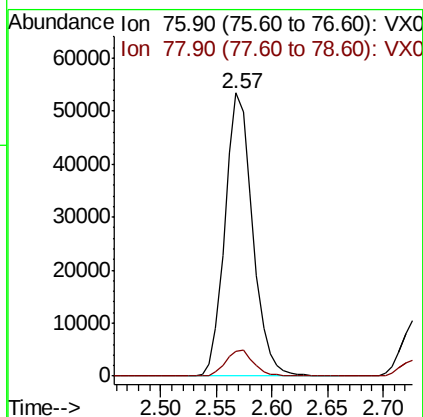
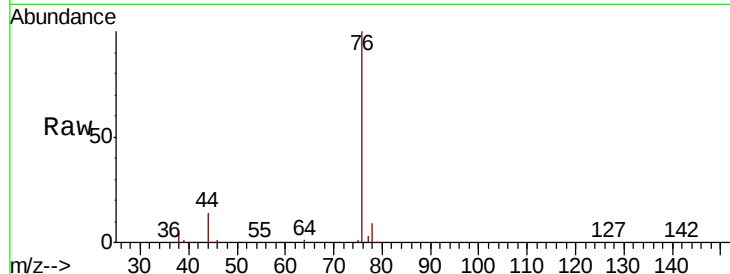




#17
Carbon Disulfide
Concen: 19.691 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

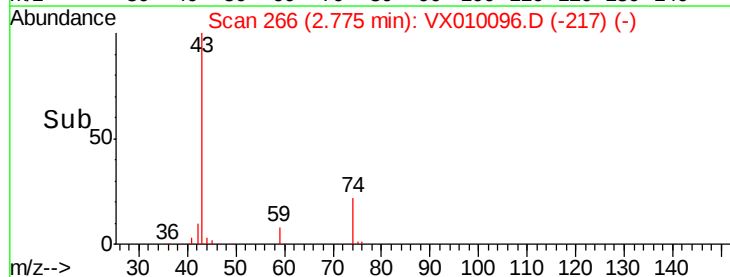
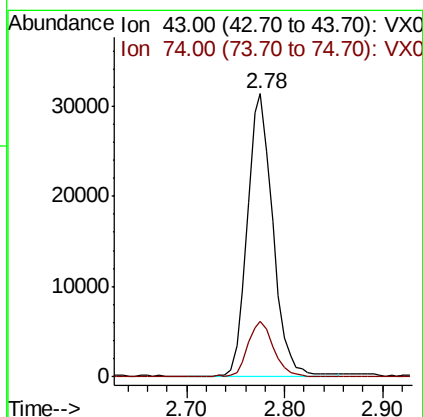
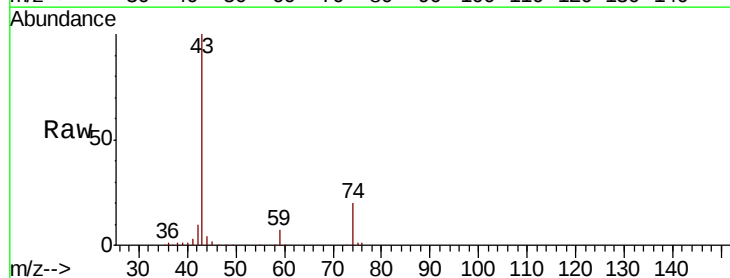
Instrument :
MSVOA_X
ClientSampled :

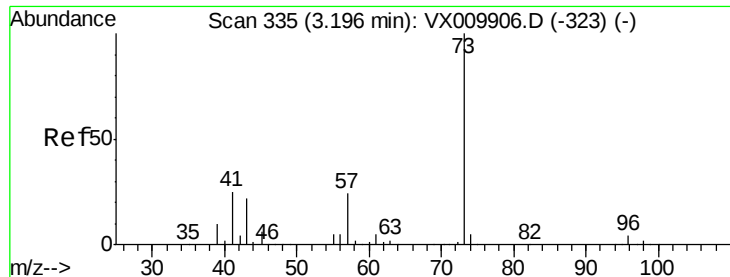
Tot Ion: 76 Resp: 92050
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 19.298 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 43 Resp: 56544
Ion Ratio Lower Upper
43 100
74 20.2 15.8 23.6

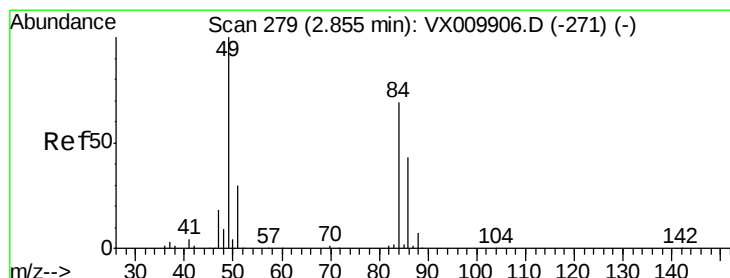
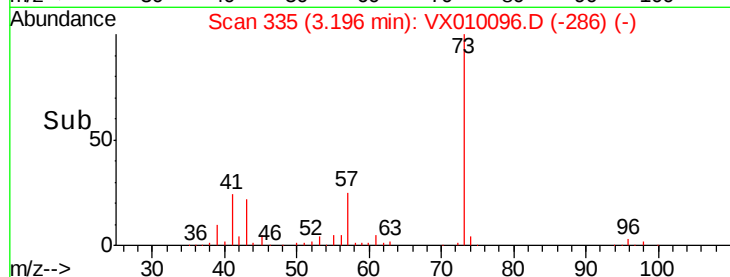
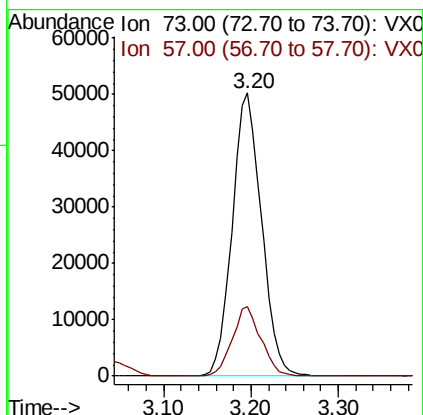
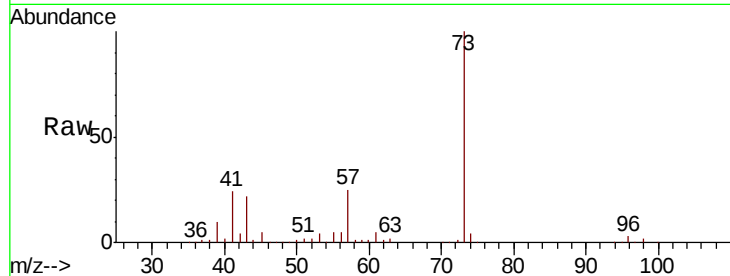




#19
Methvl tert-butvl Ether
Concen: 19.888 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

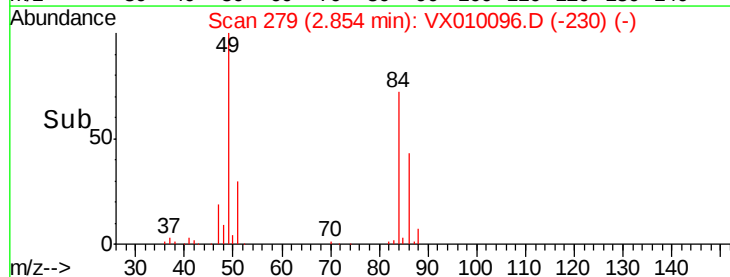
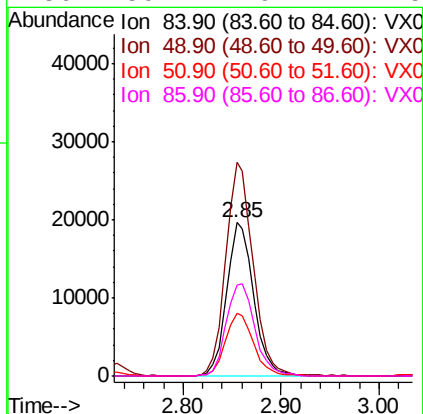
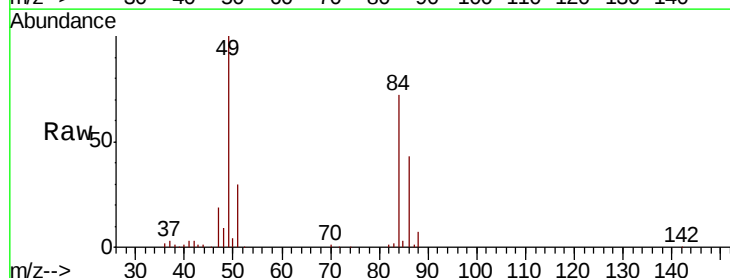
Instrument :
MSVOA_X
ClientSampled :

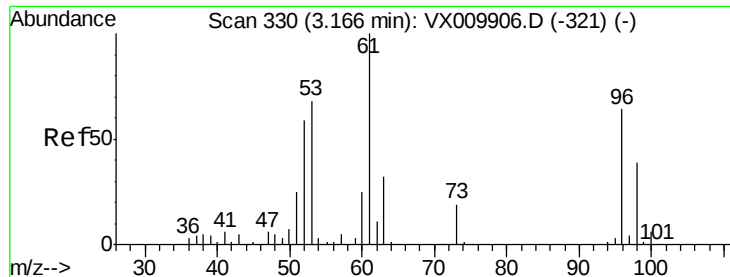
Tot Ion: 73 Resp: 117318
Ion Ratio Lower Upper
73 100
57 24.8 19.4 29.2



#20
Methylene Chloride
Concen: 19.452 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 84 Resp: 37509
Ion Ratio Lower Upper
84 100
49 139.1 115.8 173.6
51 41.2 34.4 51.6
86 59.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 19.541 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

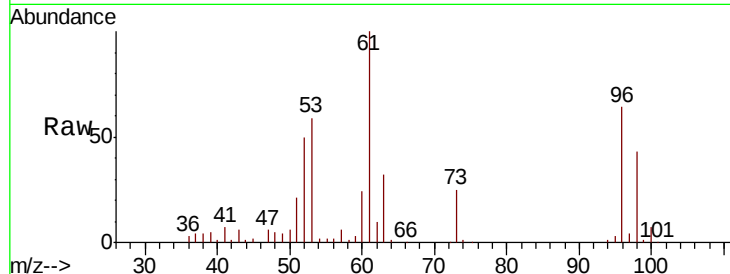
Tot Ion: 96 Resp: 33973

Ion Ratio Lower Upper

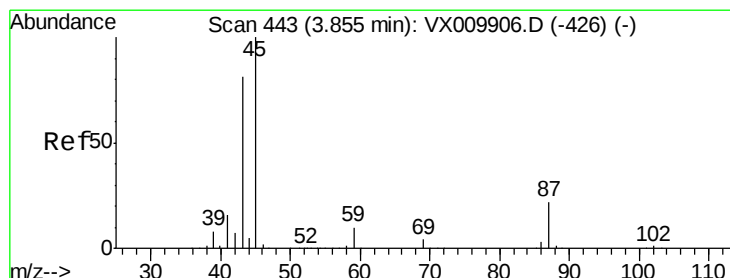
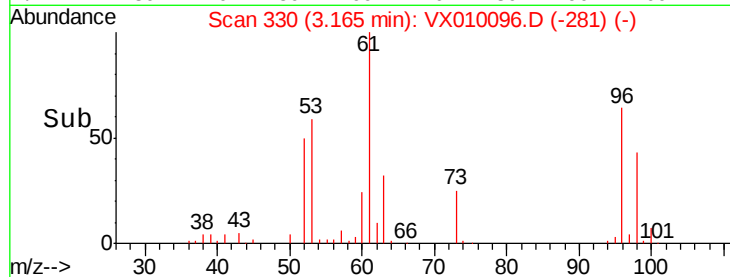
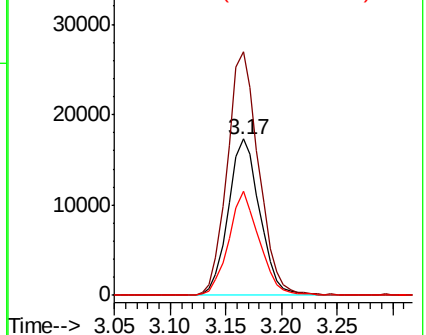
96 100

61 156.0 125.7 188.5

98 66.8 49.0 73.6



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



#22

Diisopropyl ether

Concen: 19.713 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion: 45 Resp: 142442

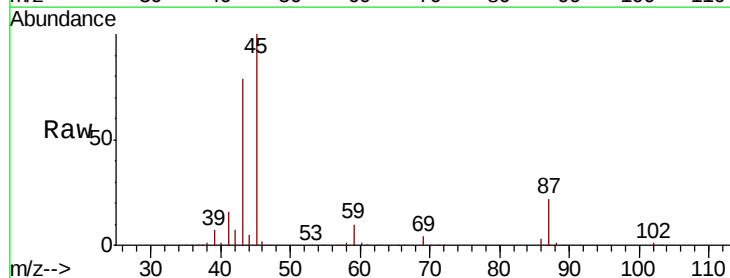
Ion Ratio Lower Upper

45 100

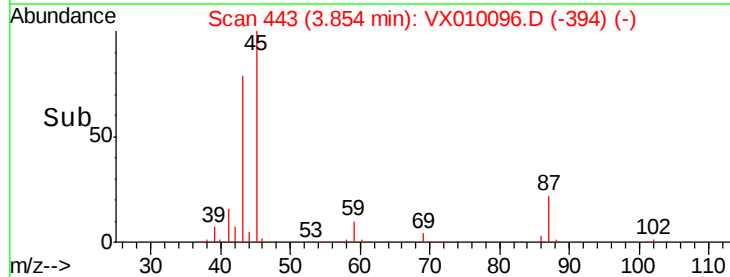
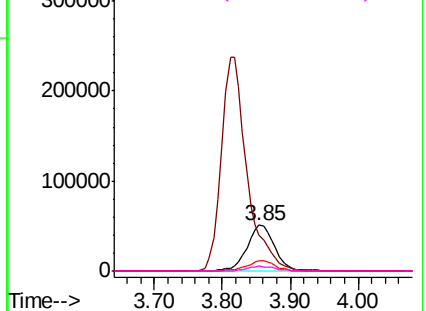
43 79.4 65.0 97.4

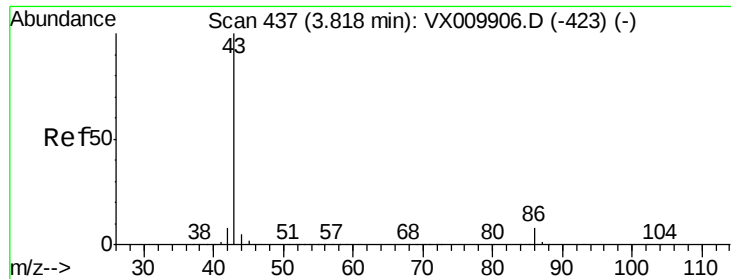
87 22.4 17.3 25.9

59 10.0 8.1 12.1



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





#23

Vinyl Acetate

Concen: 95.565 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

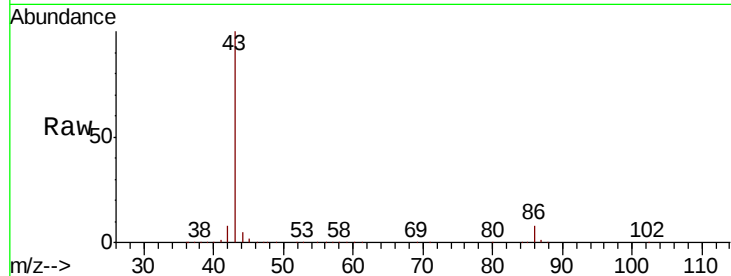
ClientSampled :

Tot Ion: 43 Resp: 620333

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

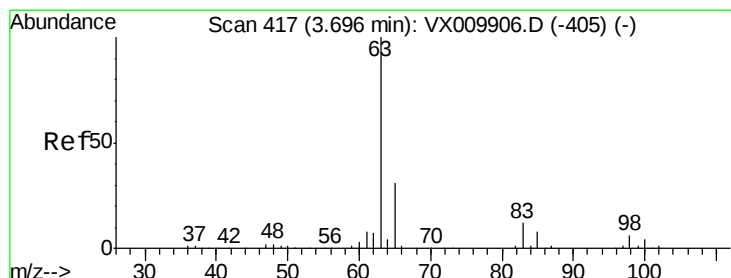
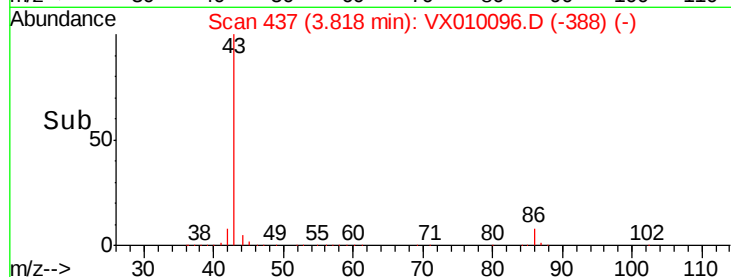
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.722 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

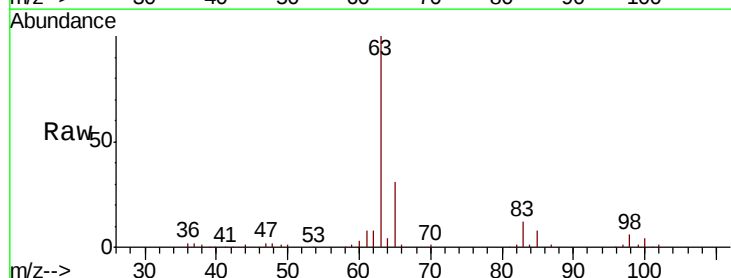
Tgt Ion: 63 Resp: 69062

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.7 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

30000

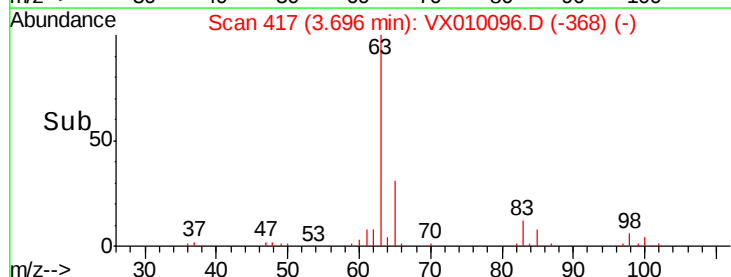
20000

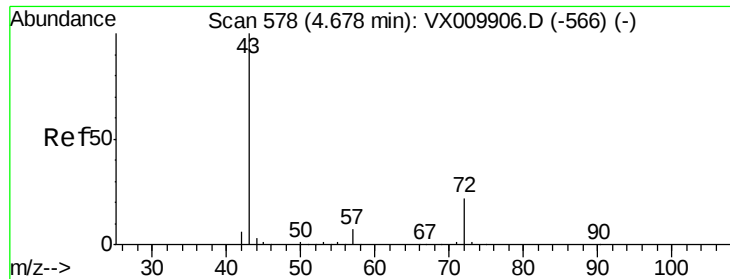
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 95.539 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

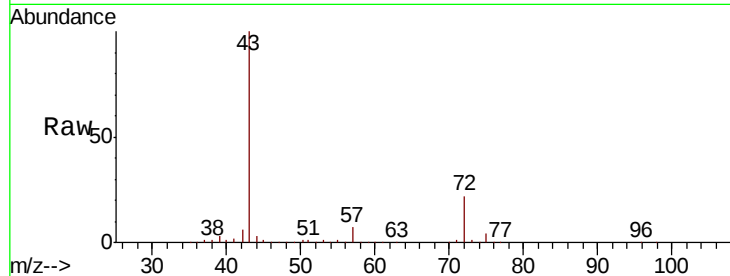
ClientSampleId :

Tot Ion: 43 Resp: 187431

Ion Ratio Lower Upper

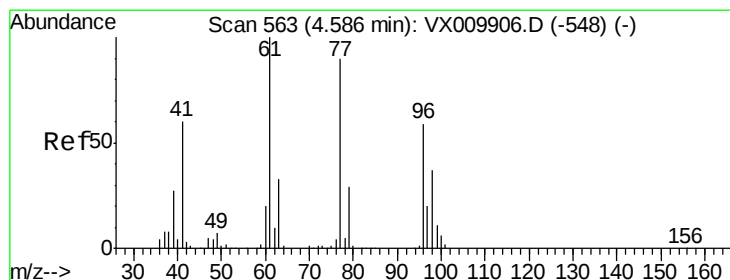
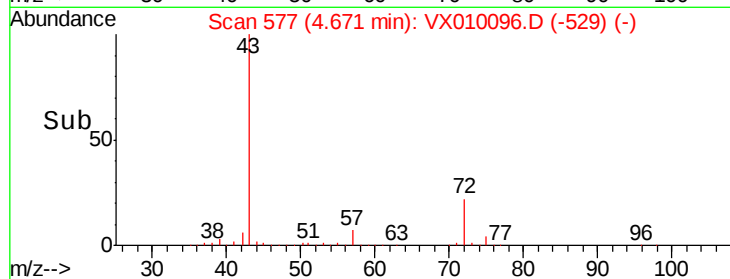
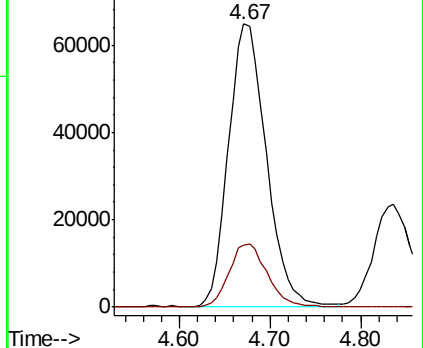
43 100

72 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.614 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX010096.D

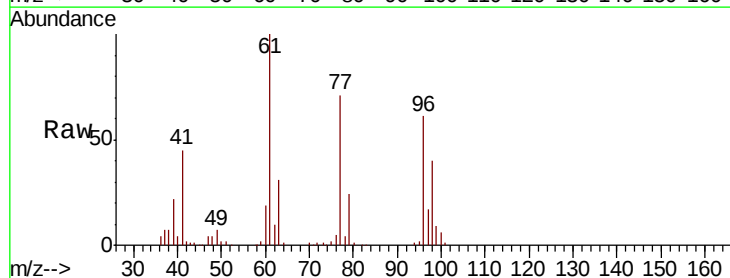
Acq: 05 Jun 2019 23:52

Tgt Ion: 77 Resp: 41360

Ion Ratio Lower Upper

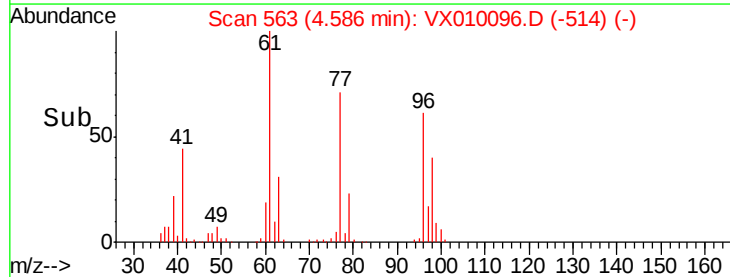
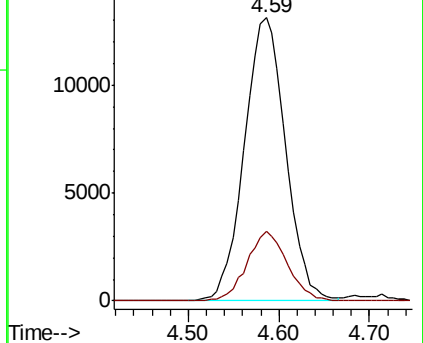
77 100

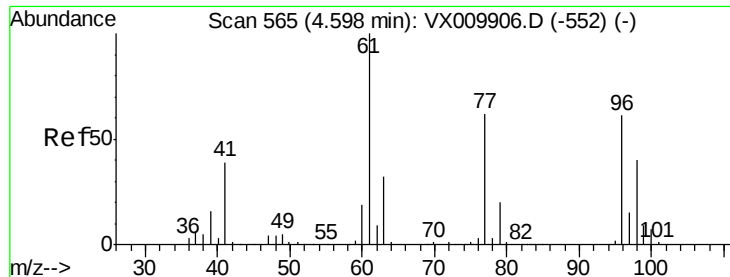
97 23.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



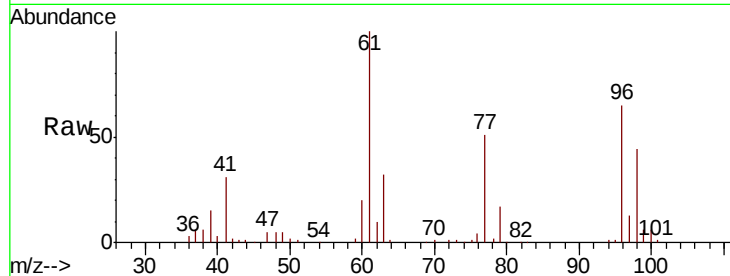


#27

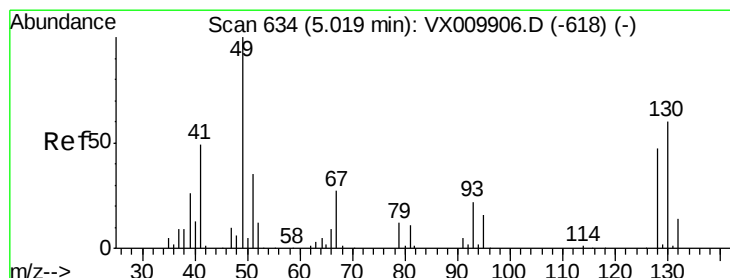
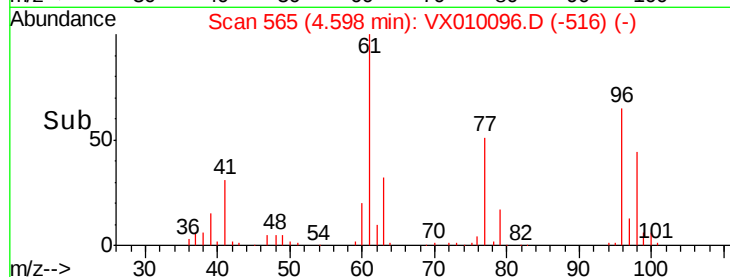
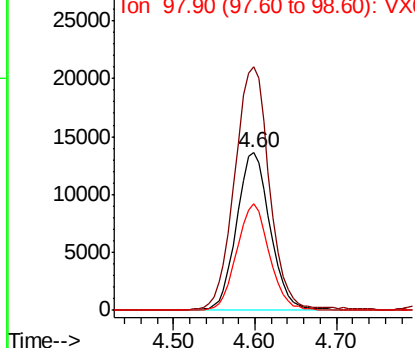
cis-1,2-Dichloroethene
 Concen: 19.339 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 38810
 Ion Ratio Lower Upper
 96 100
 61 159.2 0.0 334.0
 98 65.5 0.0 131.6



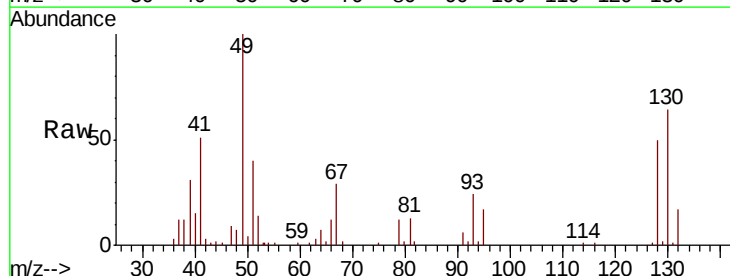
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



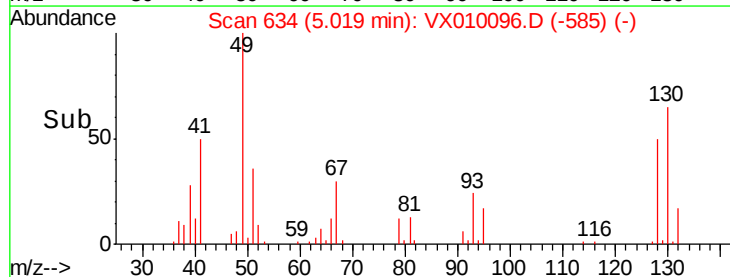
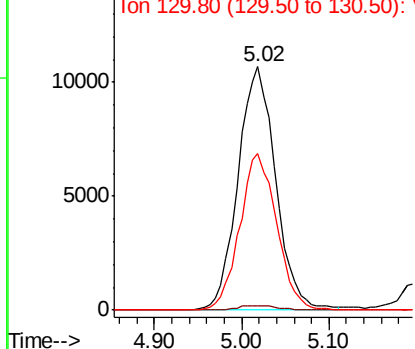
#28

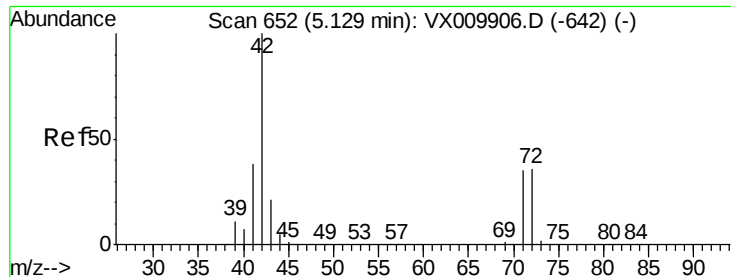
Bromochloromethane
 Concen: 17.612 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion: 49 Resp: 32003
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 63.0 49.4 74.2



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





#29

Tetrahydrofuran

Concen: 97.524 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

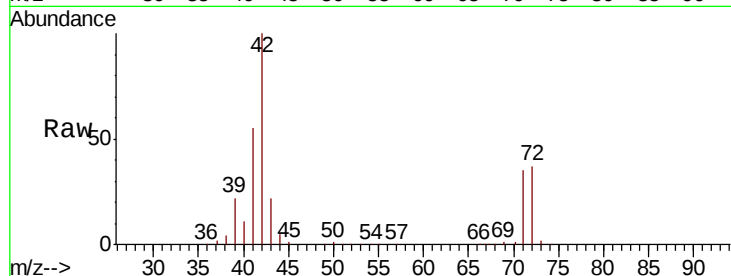
Tot Ion: 42 Resp: 122690

Ion Ratio Lower Upper

42 100

72 38.2 29.2 43.8

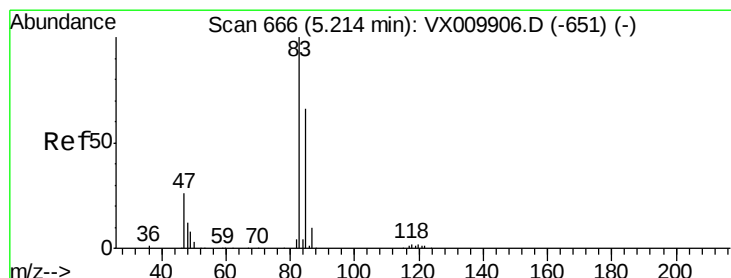
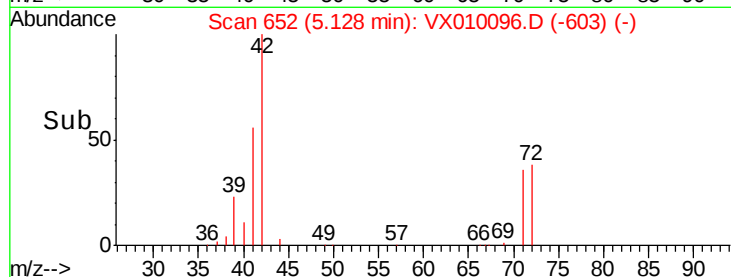
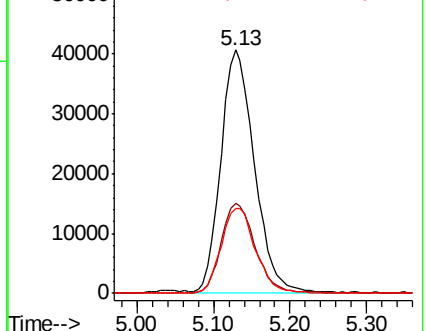
71 36.1 27.6 41.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.875 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010096.D

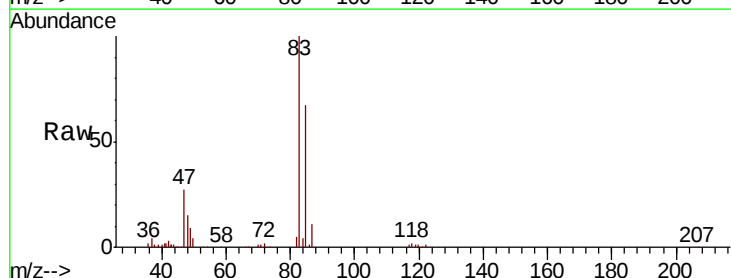
Acq: 05 Jun 2019 23:52

Tgt Ion: 83 Resp: 62767

Ion Ratio Lower Upper

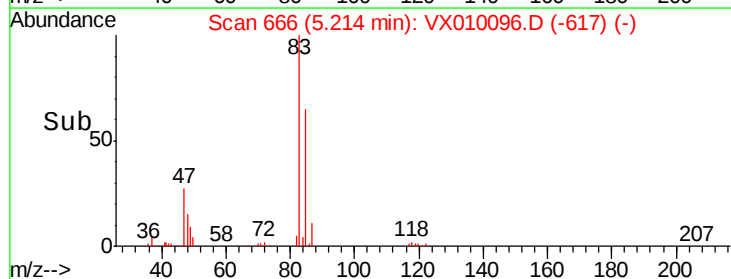
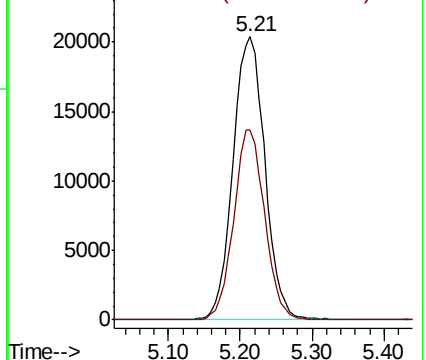
83 100

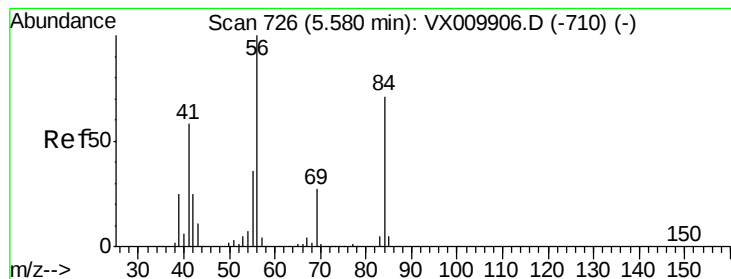
85 67.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.356 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :

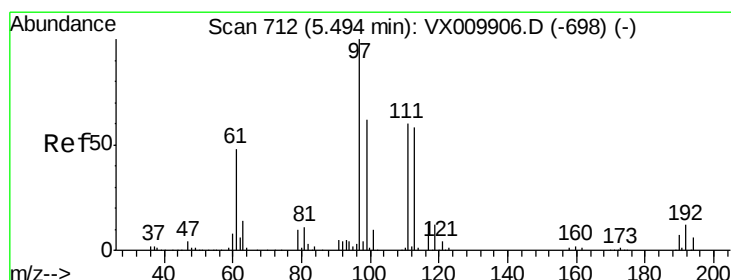
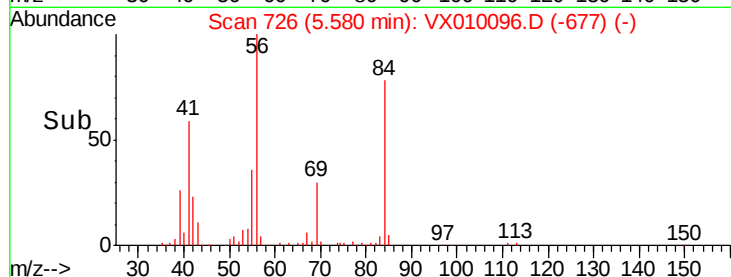
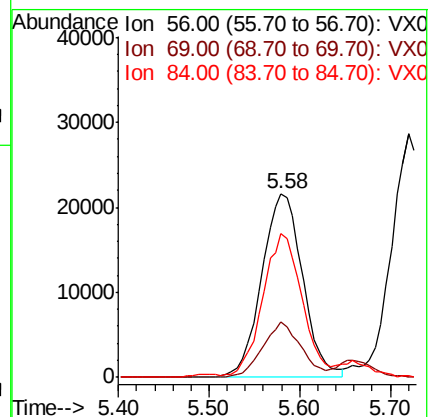
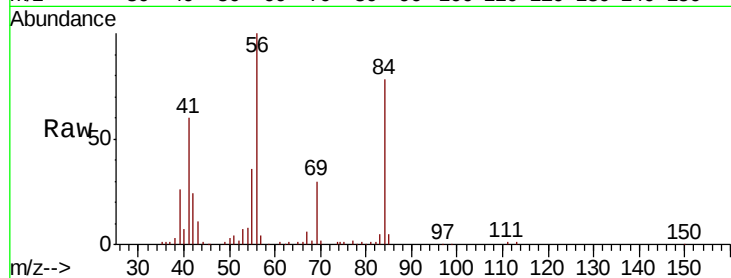
Tot Ion: 56 Resp: 67512

Ion Ratio Lower Upper

56 100

69 29.9 21.6 32.4

84 76.6 56.8 85.2



#32

1,1,1-Trichloroethane

Concen: 20.456 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

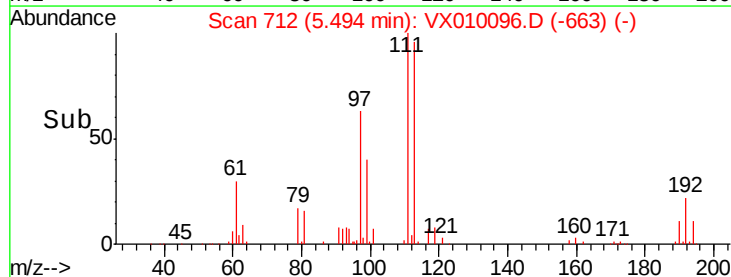
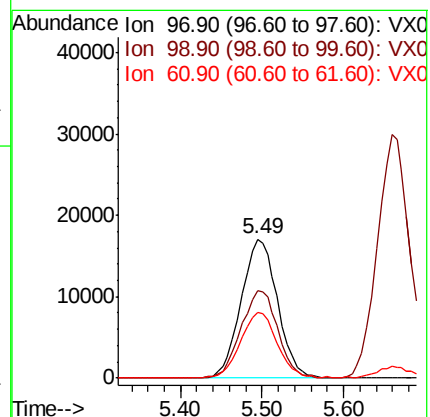
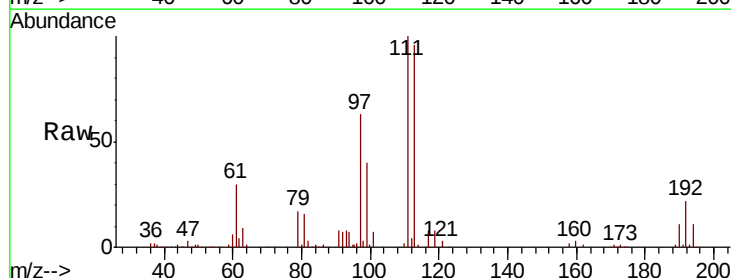
Tgt Ion: 97 Resp: 52612

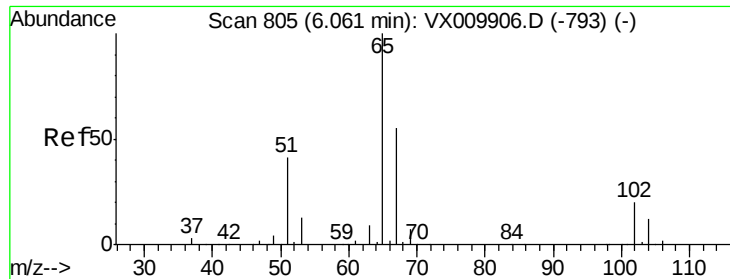
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 48.1 38.7 58.1

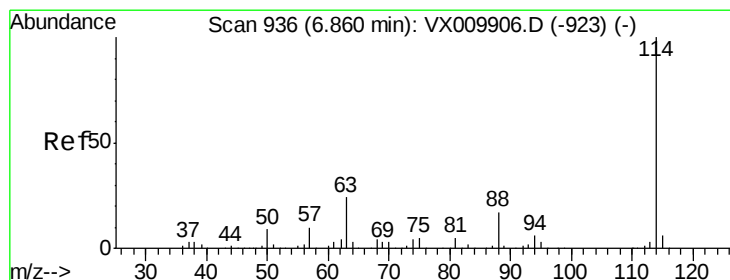
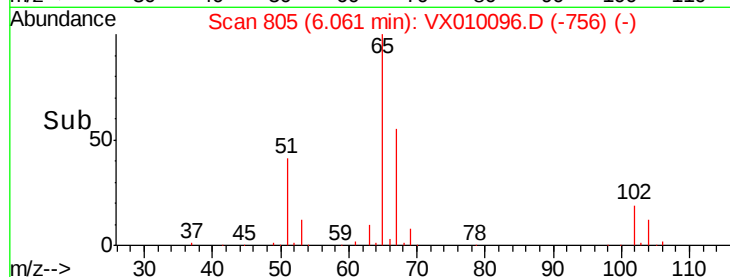
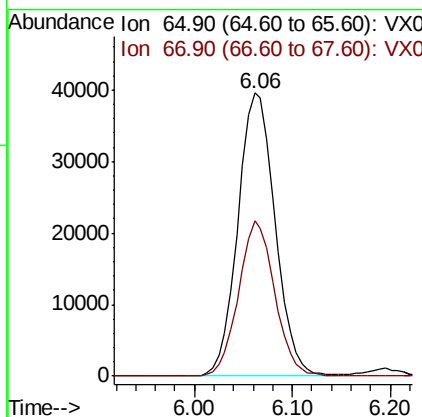
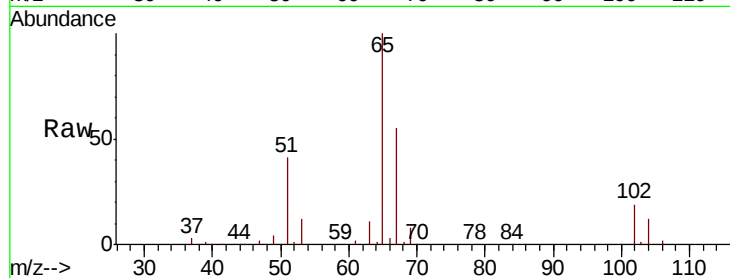




#33
 1,2-Dichloroethane-d4
 Concen: 48.022 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

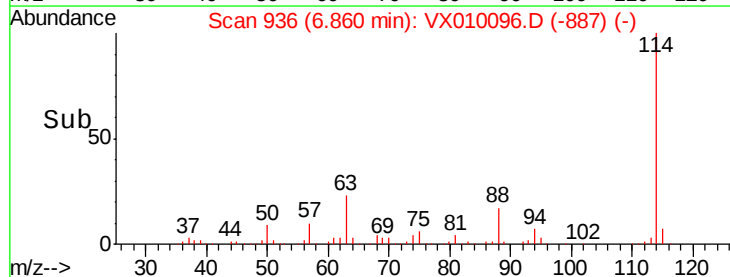
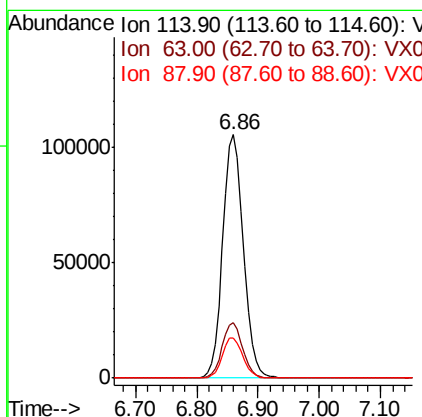
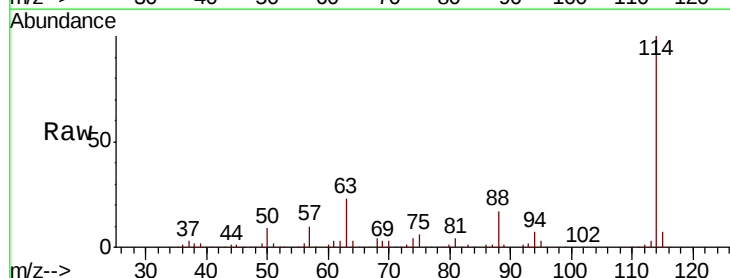
Instrument :
 MSVOA_X
 ClientSampleId :

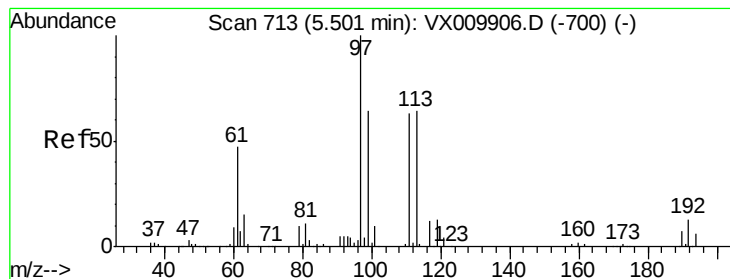
Tot Ion: 65 Resp: 104660
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion: 114 Resp: 247292
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.609 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

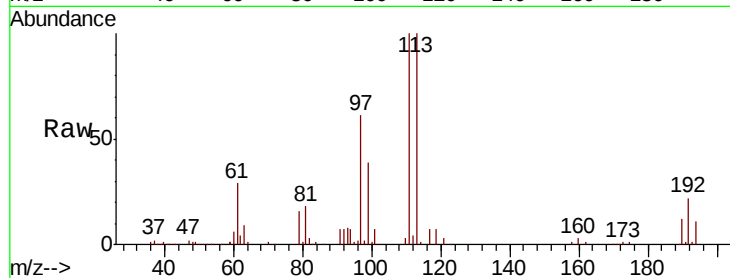
Tot Ion:113 Resp: 77129

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

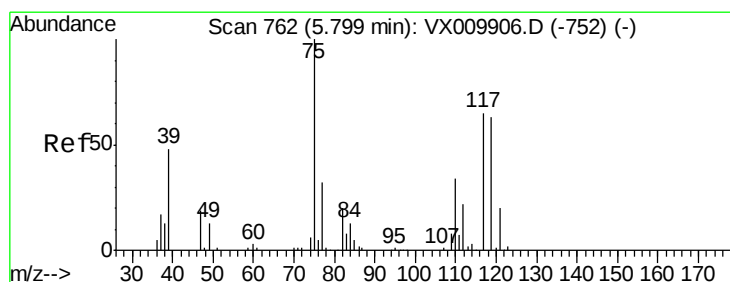
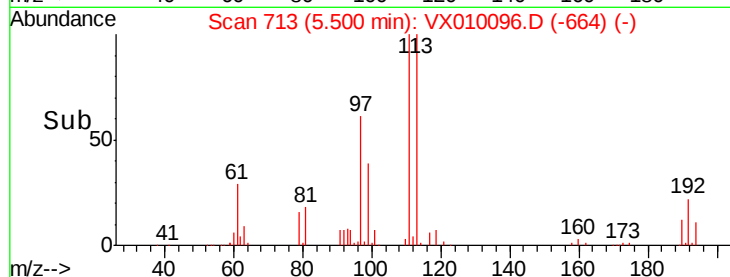
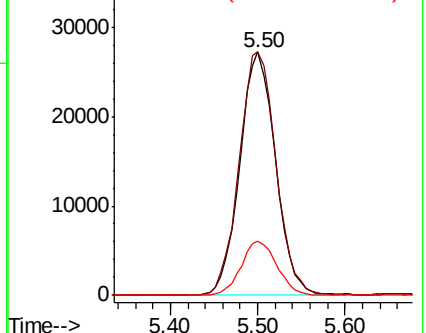
192 22.5 17.1 25.7



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: 18.849 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

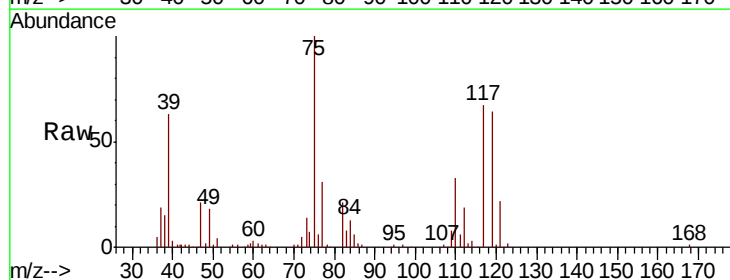
Tgt Ion: 75 Resp: 47293

Ion Ratio Lower Upper

75 100

110 35.2 16.7 50.1

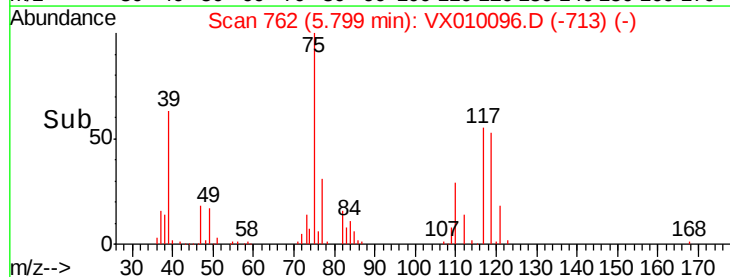
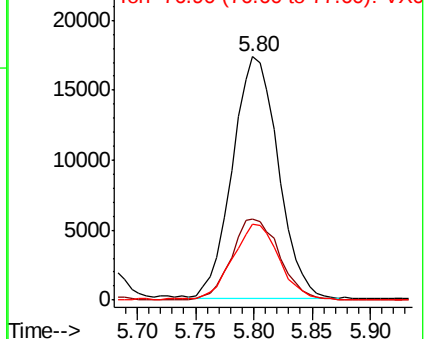
77 32.5 25.0 37.4

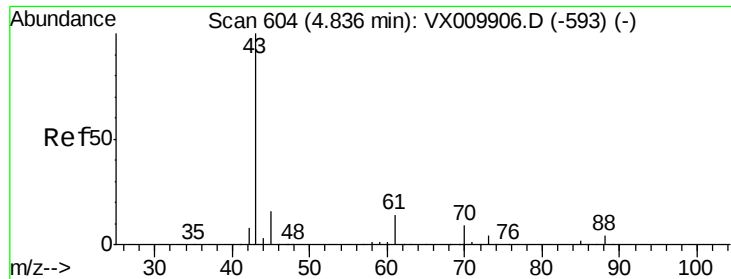


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.101 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampled :

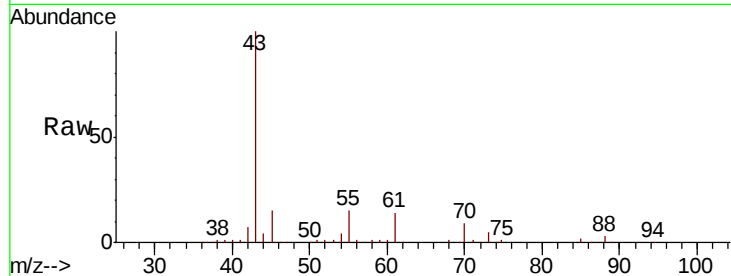
Tot Ion: 43 Resp: 70276

Ion Ratio Lower Upper

43 100

61 13.6 10.2 15.2

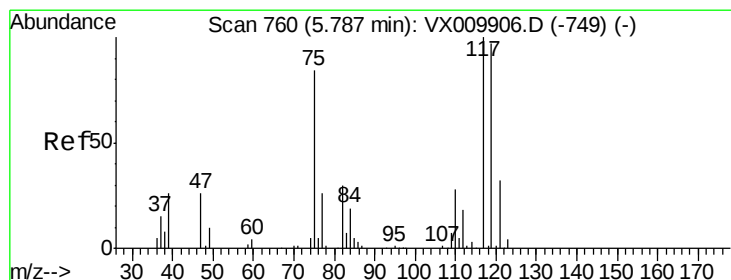
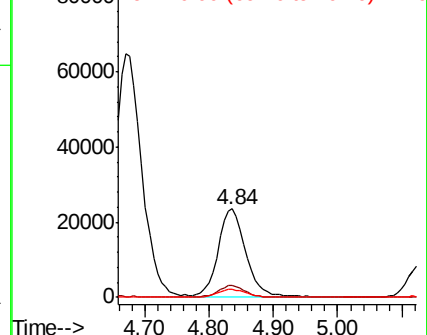
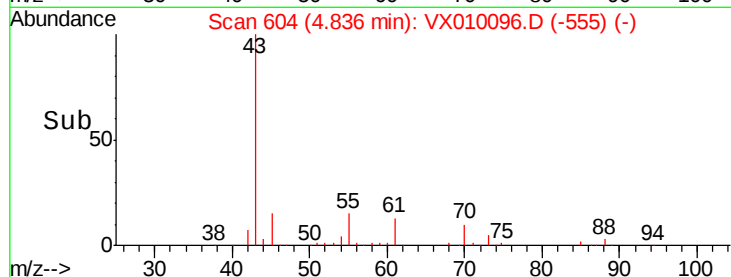
70 9.6 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.347 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

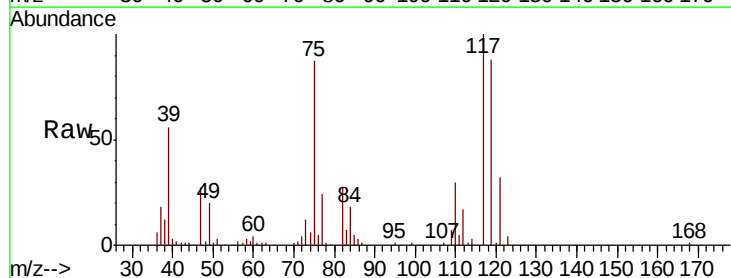
Tgt Ion: 117 Resp: 44116

Ion Ratio Lower Upper

117 100

119 88.0 77.3 115.9

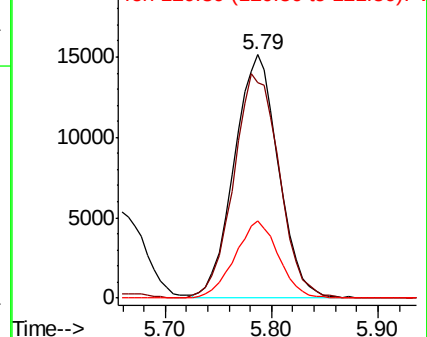
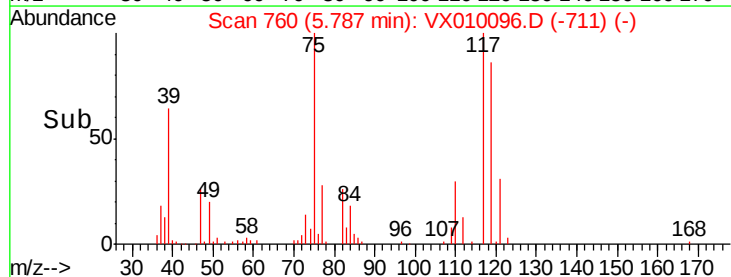
121 31.8 25.4 38.0

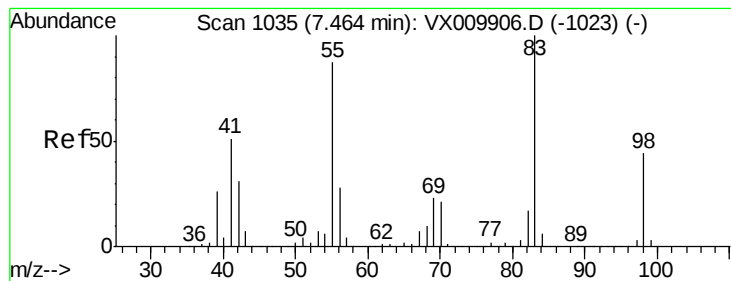


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 19.863 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

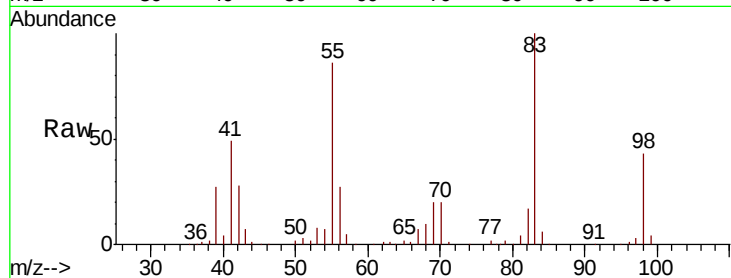
Tot Ion: 83 Resp: 59117

Ion Ratio Lower Upper

83 100

55 85.6 69.9 104.9

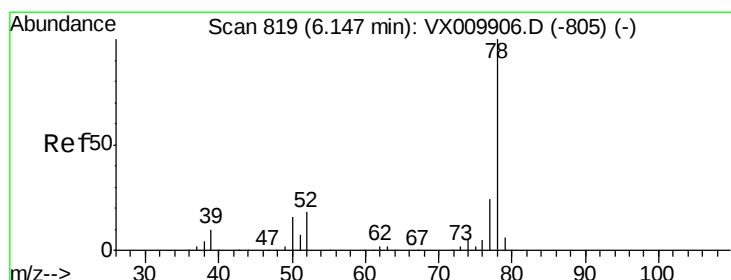
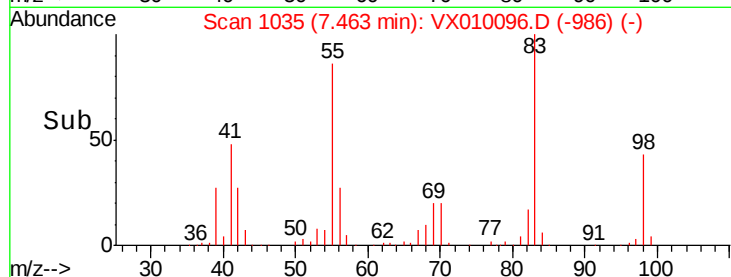
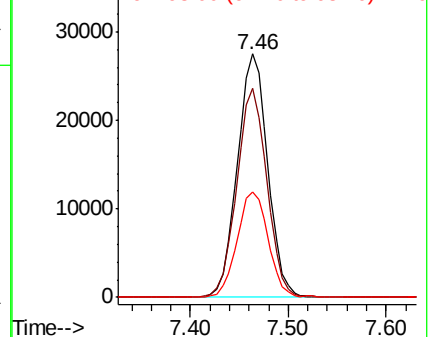
98 43.2 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 20.138 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX010096.D

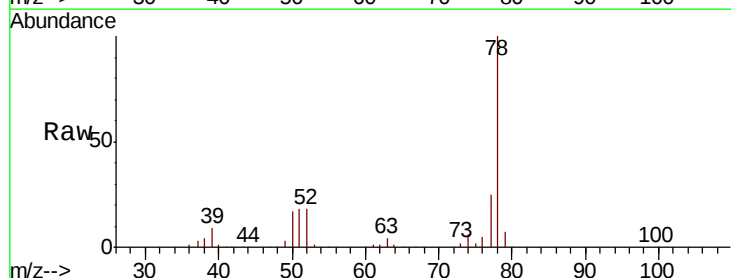
Acq: 05 Jun 2019 23:52

Tgt Ion: 78 Resp: 149887

Ion Ratio Lower Upper

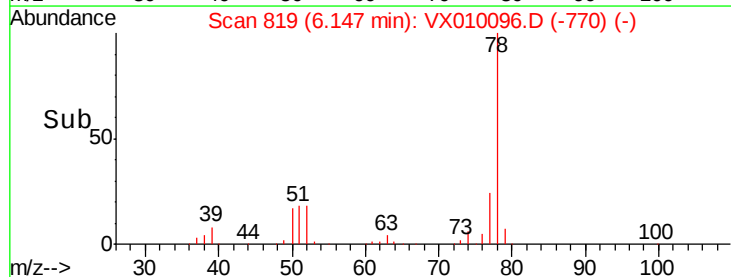
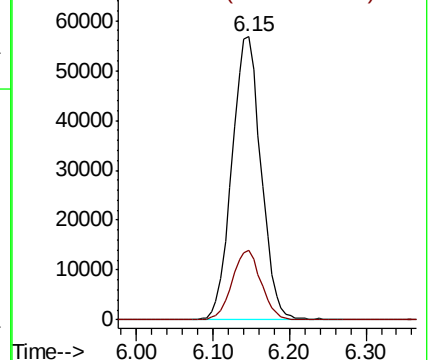
78 100

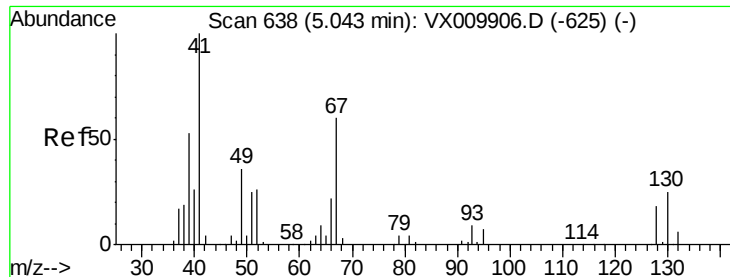
77 24.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

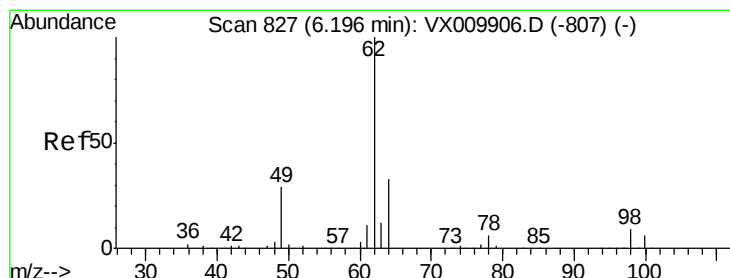
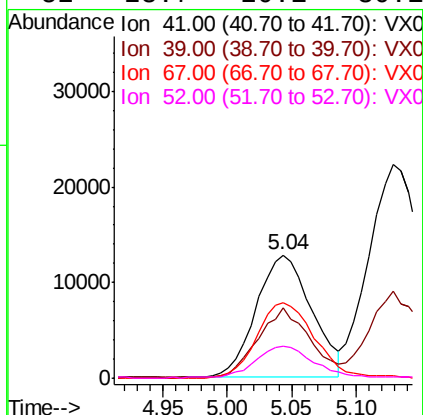
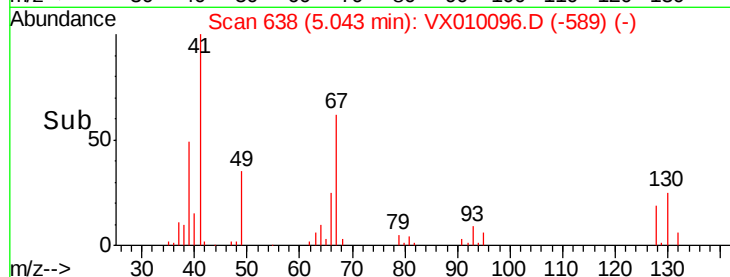
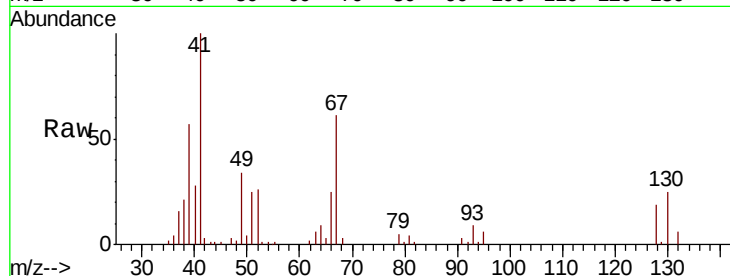




#41
Methacrylonitrile
Concen: 18.764 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

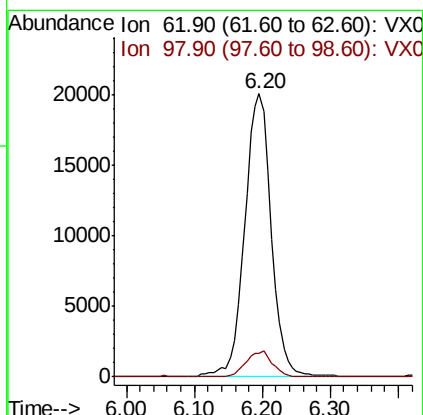
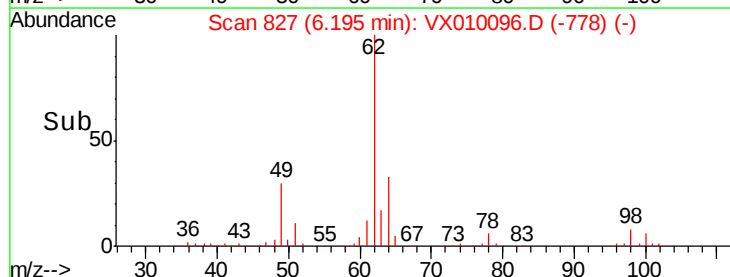
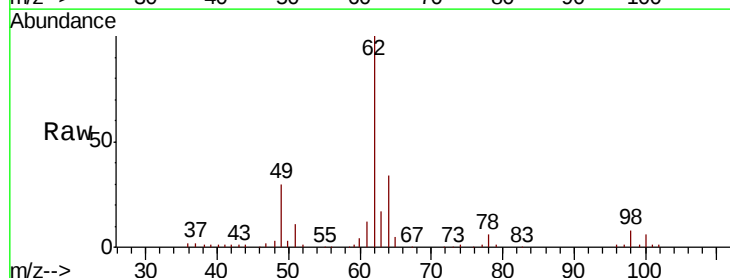
Instrument :
MSVOA_X
ClientSampleId :

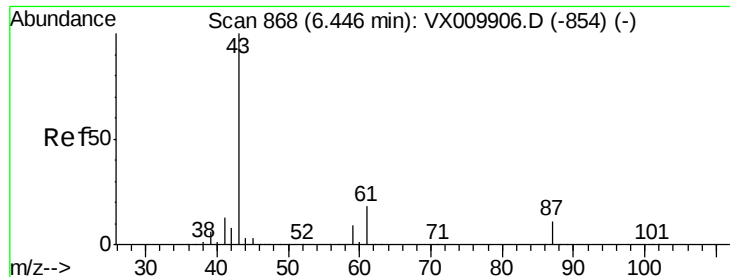
Tot Ion:	41	Resp:	38333
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.2	63.4
67	64.5	48.9	73.3
52	28.7	20.1	30.1



#42
1,2-Dichloroethane
Concen: 19.837 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion:	62	Resp:	54584
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2



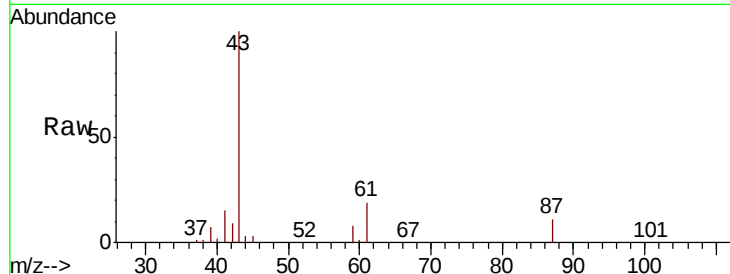


#43

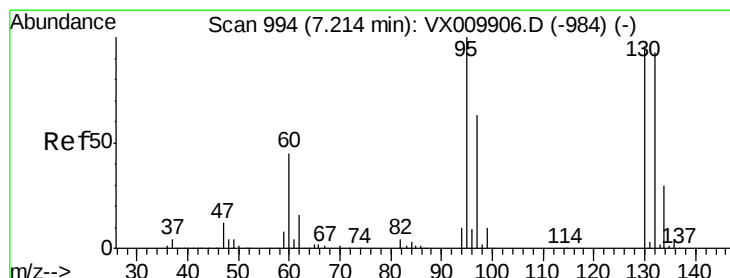
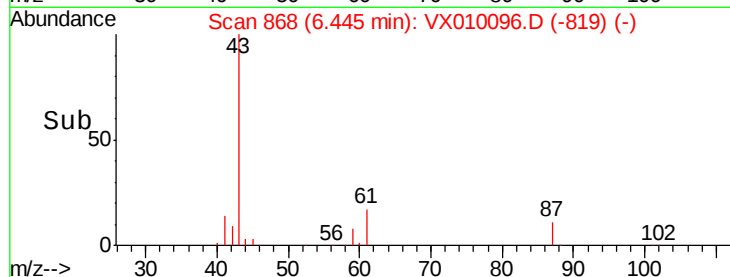
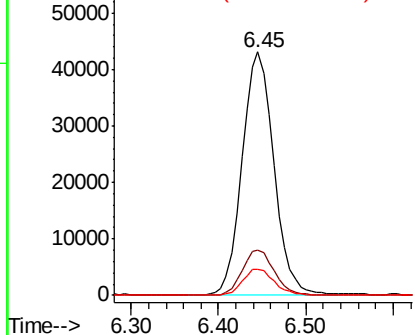
Isopropyl Acetate
 Concen: 19.316 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 108964
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.6 21.8
 87 10.8 8.7 13.1



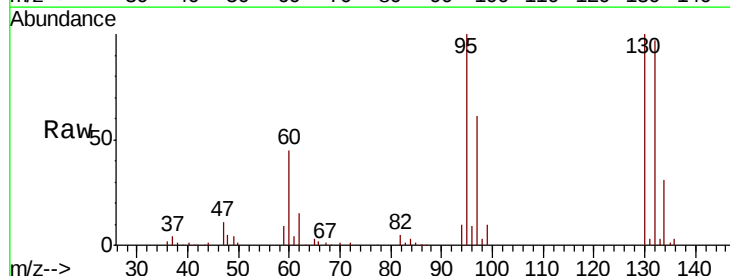
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



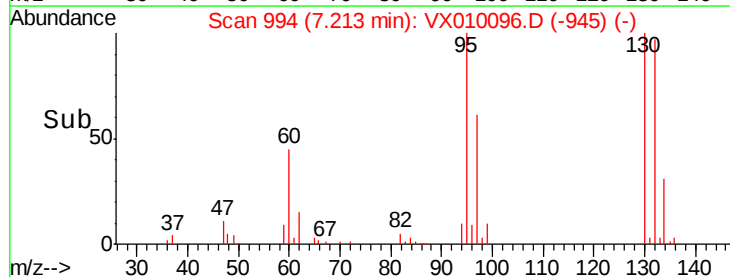
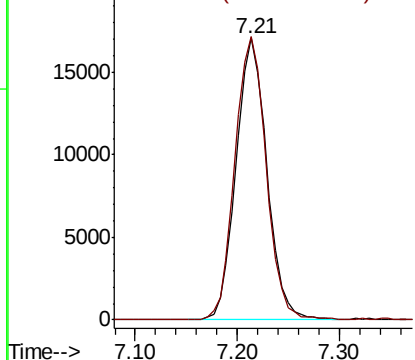
#44

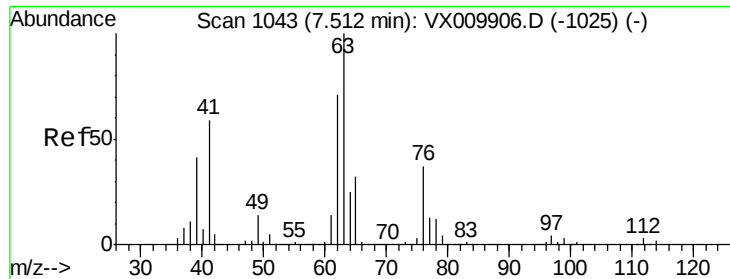
Trichloroethene
 Concen: 19.814 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion:130 Resp: 35823
 Ion Ratio Lower Upper
 130 100
 95 100.5 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: 19.618 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

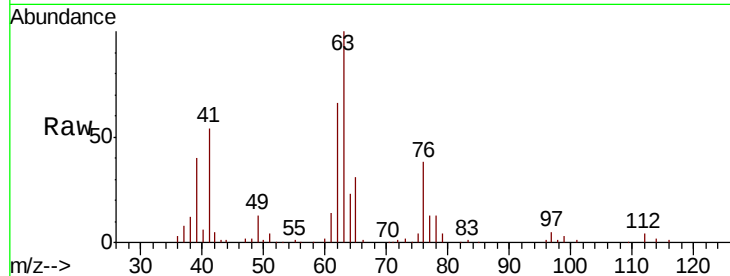
ClientSampleId :

Tot Ion: 63 Resp: 42034

Ion Ratio Lower Upper

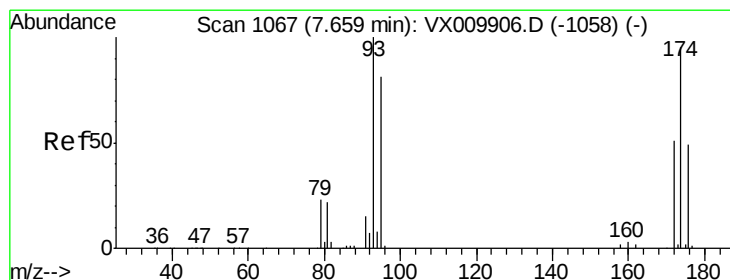
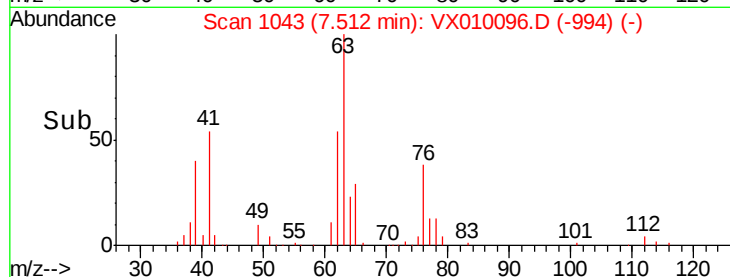
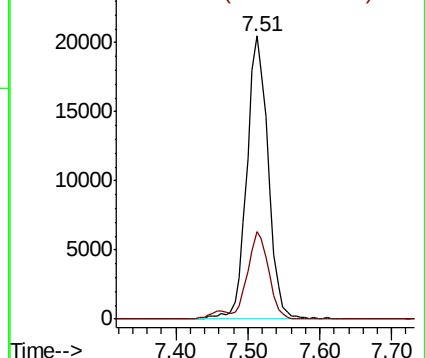
63 100

65 30.9 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.034 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

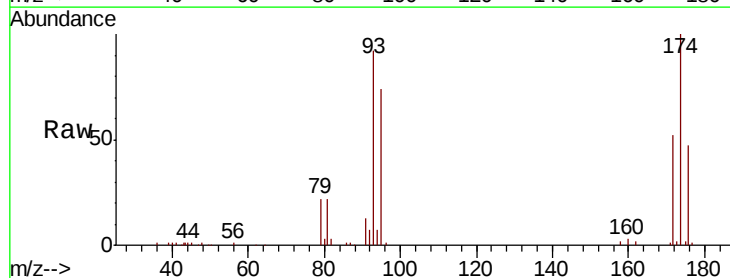
Tgt Ion: 93 Resp: 24006

Ion Ratio Lower Upper

93 100

95 82.4 66.8 100.2

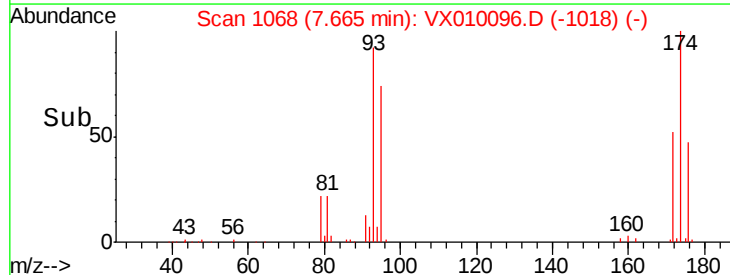
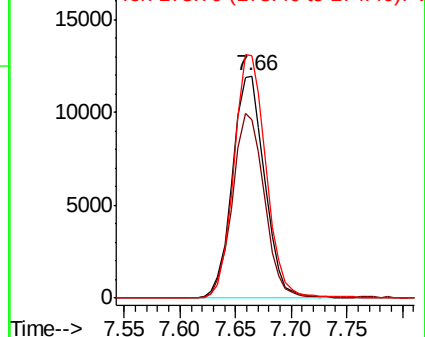
174 108.5 81.9 122.9

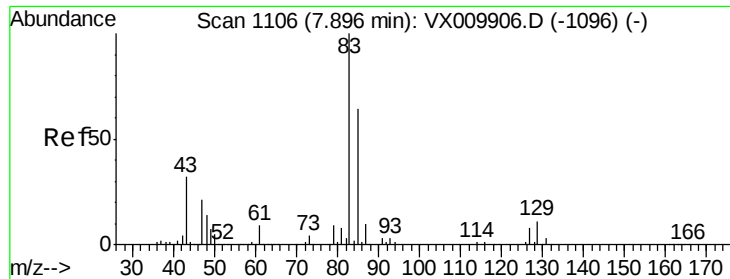


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.068 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

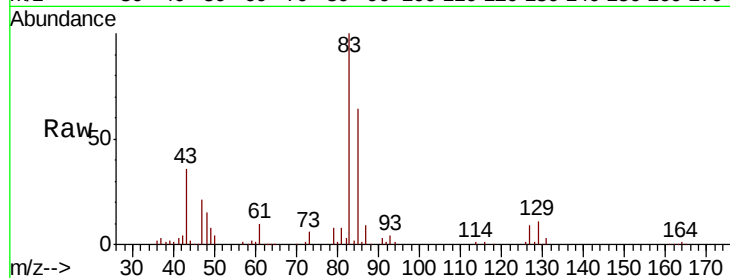
Tot Ion: 83 Resp: 48128

Ion Ratio Lower Upper

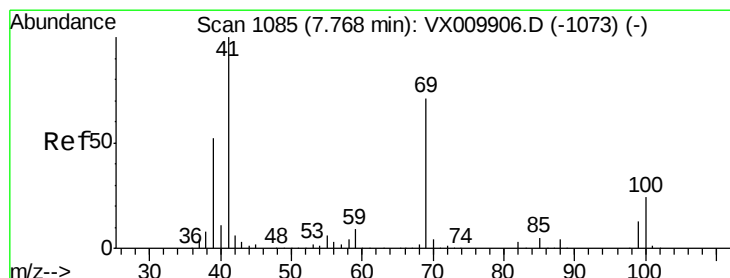
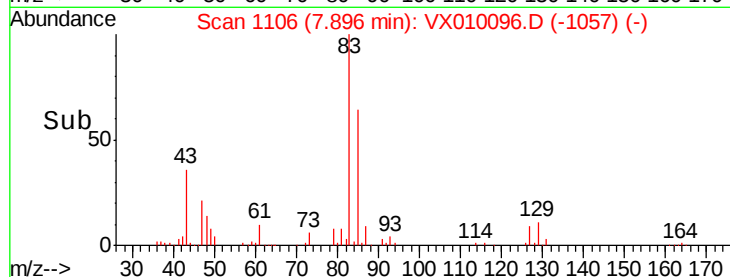
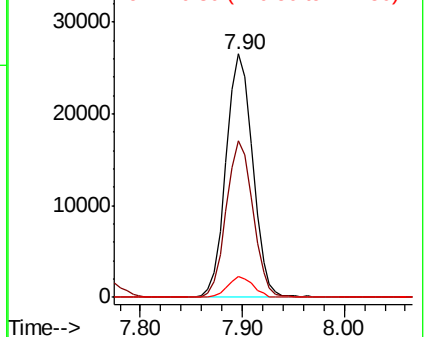
83 100

85 64.2 51.4 77.2

127 8.6 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: 19.642 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

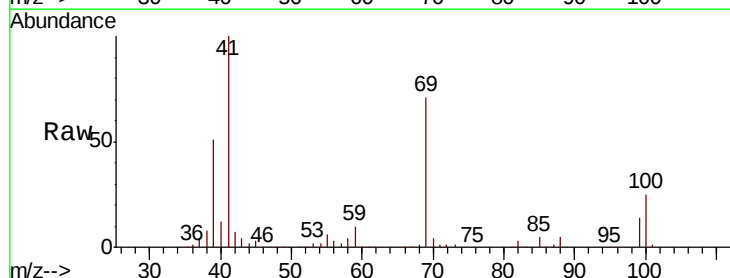
Tgt Ion: 41 Resp: 54851

Ion Ratio Lower Upper

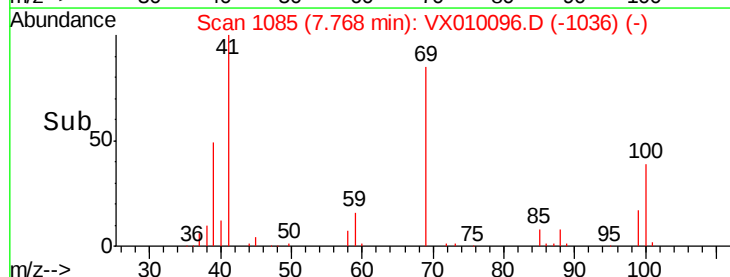
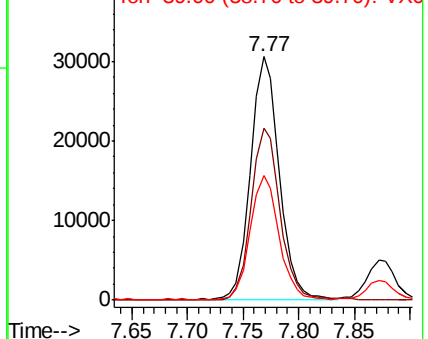
41 100

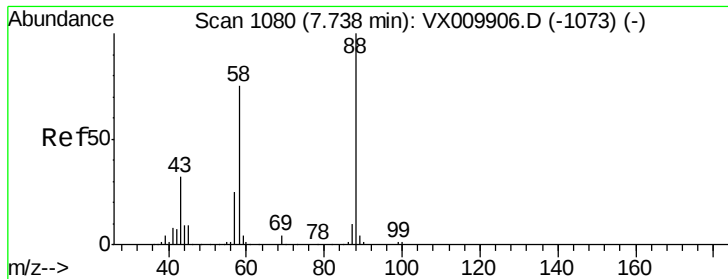
69 72.3 56.4 84.6

39 52.2 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: 416.934 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

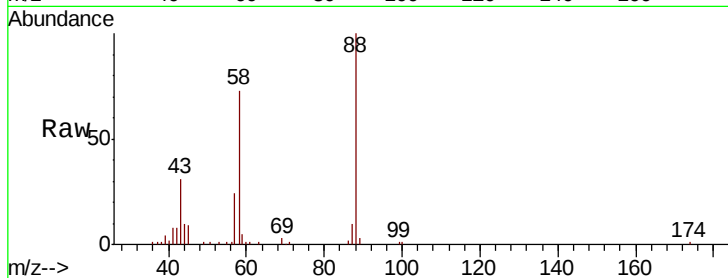
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 21657

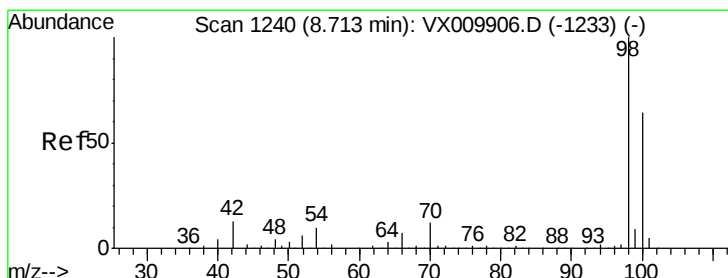
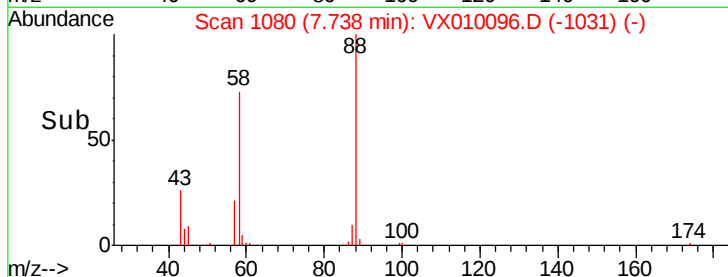
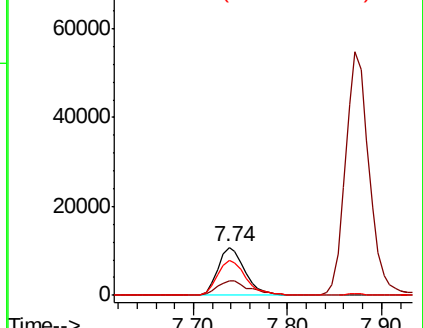
Ion	Ratio	Lower	Upper
88	100		
43	35.7	30.2	45.4
58	77.3	64.0	96.0



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: 49.737 ug/l

RT: 8.71 min Scan# 1240

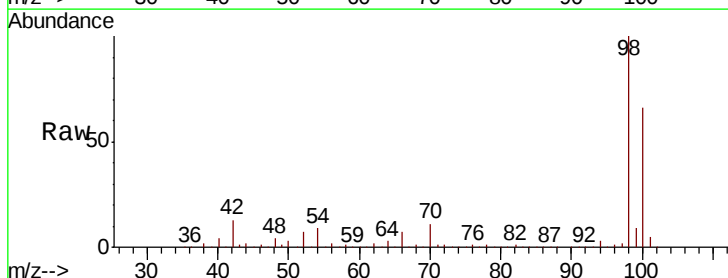
Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

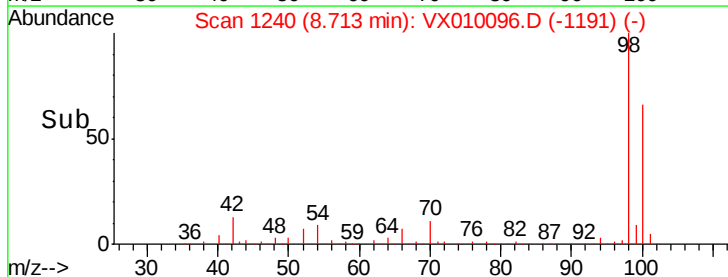
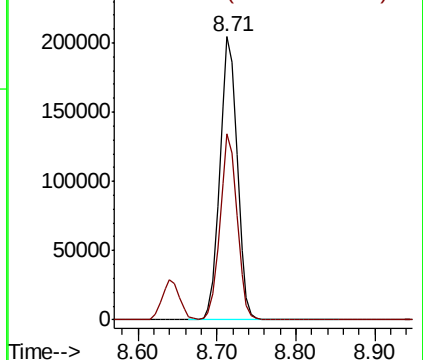
Tgt Ion: 98 Resp: 314008

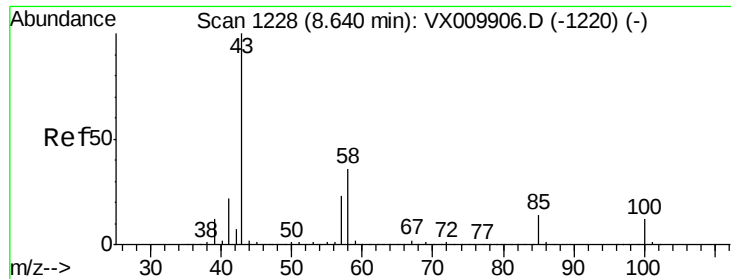
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

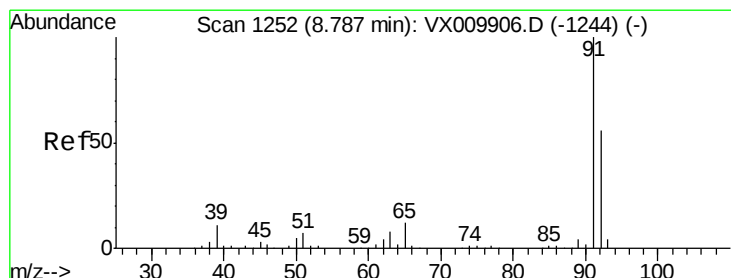
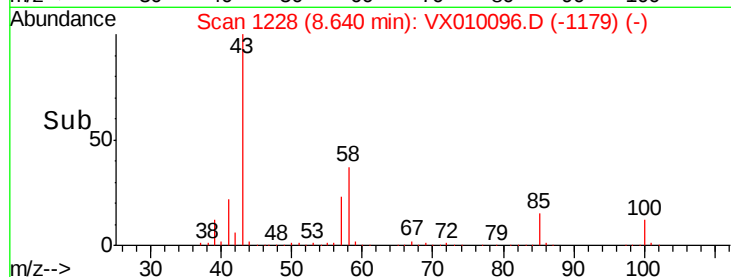
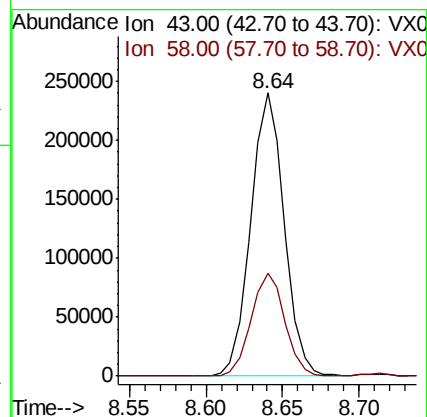
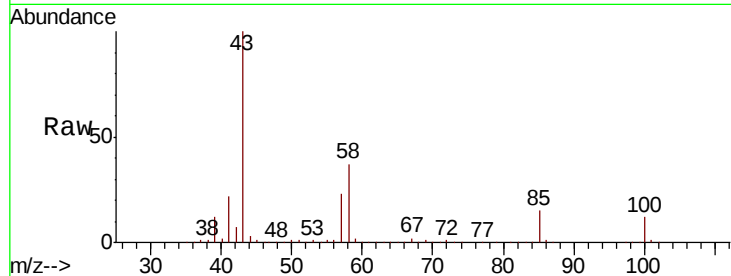




#51
4-Methyl-2-Pentanone
Concen: 99.532 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

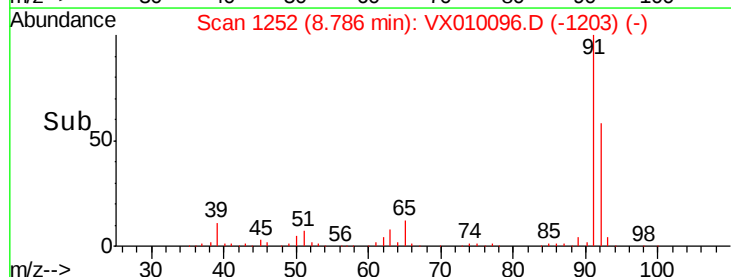
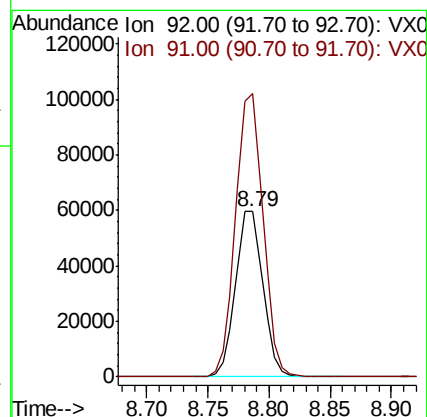
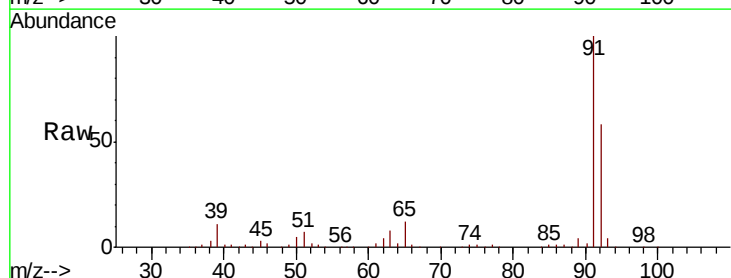
Instrument :
MSVOA_X
ClientSampleId :

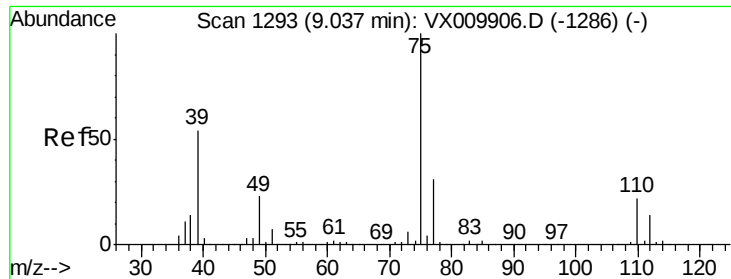
Tot Ion: 43 Resp: 365239
Ion Ratio Lower Upper
43 100
58 36.5 28.8 43.2



#52
Toluene
Concen: 20.429 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 92 Resp: 92320
Ion Ratio Lower Upper
92 100
91 172.6 139.9 209.9

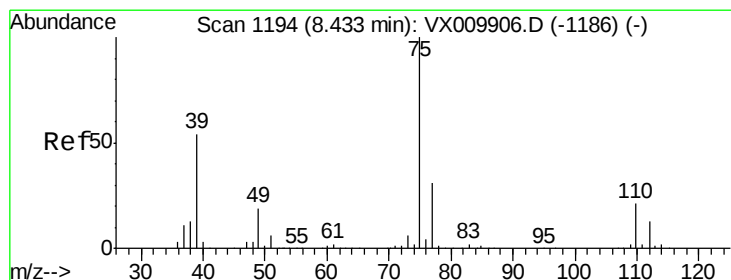
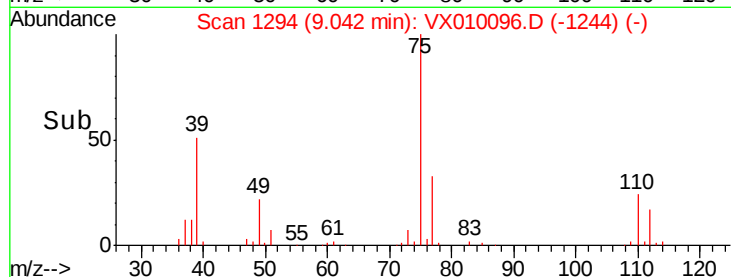
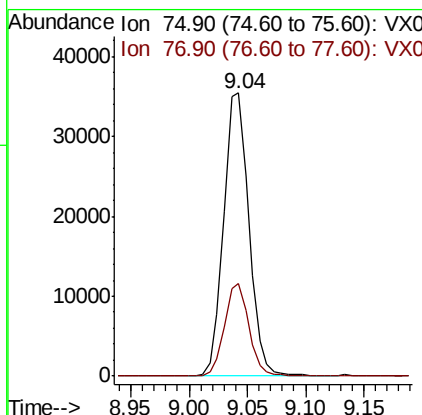
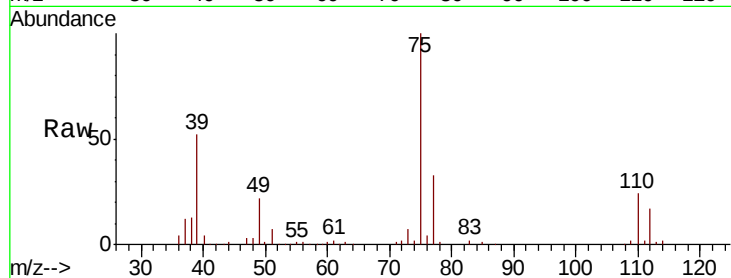




#53
 t-1,3-Dichloropropene
 Concen: 18.603 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

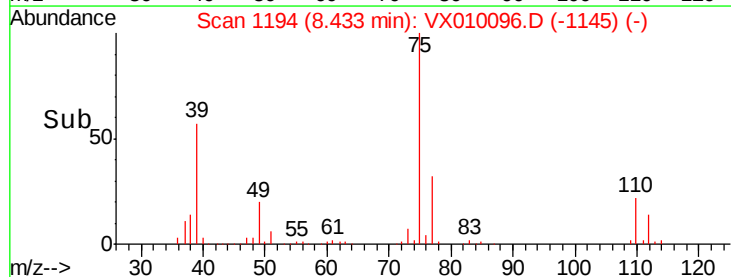
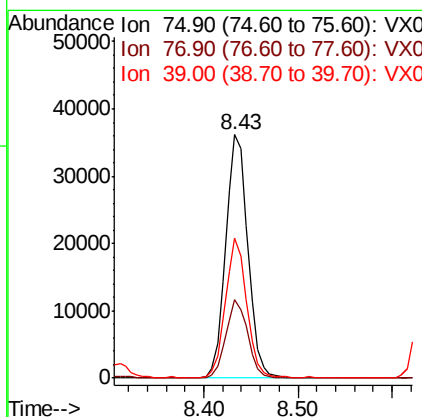
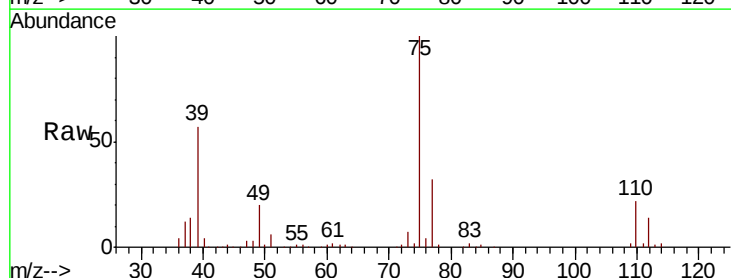
Instrument :
 MSVOA_X
 ClientSampleId :

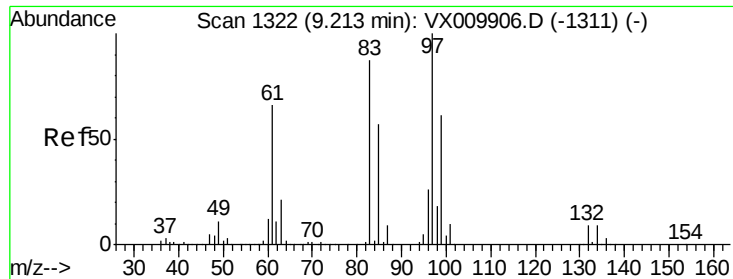
Tot Ion: 75 Resp: 53507
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.796 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion: 75 Resp: 58903
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2
 39 57.3 43.4 65.0

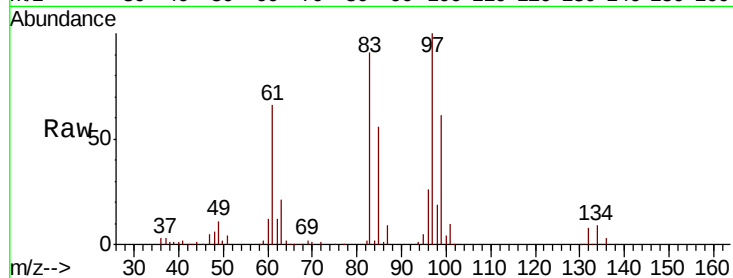




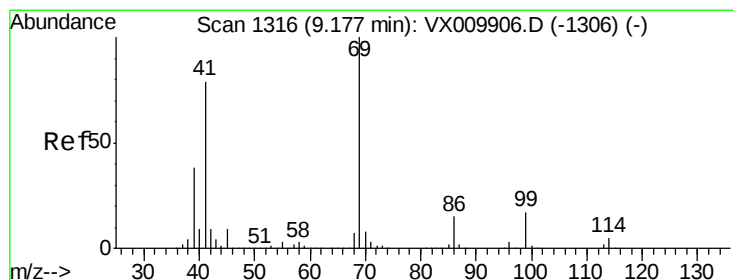
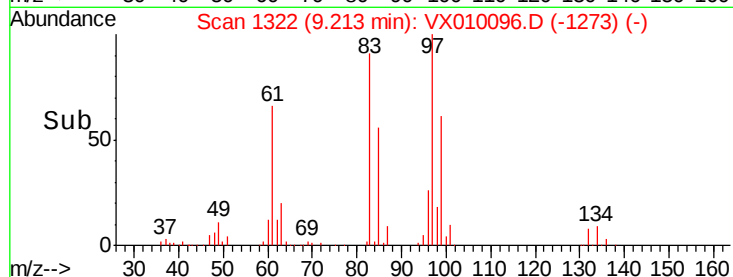
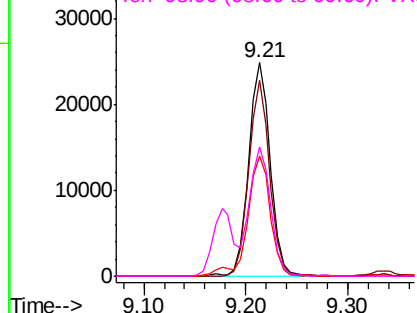
#55
 1,1,2-Trichloroethane
 Concen: 20.108 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 36575
 Ion Ratio Lower Upper
 97 100
 83 91.4 69.8 104.8
 85 56.5 45.3 67.9
 99 60.6 49.0 73.4

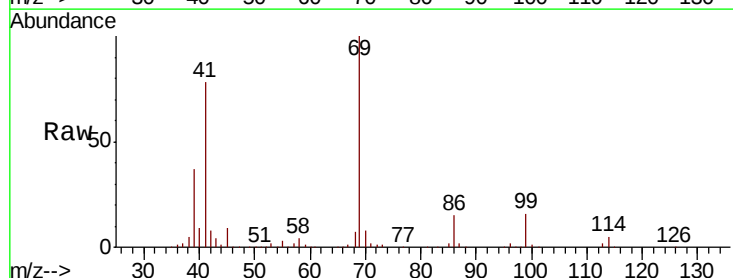


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

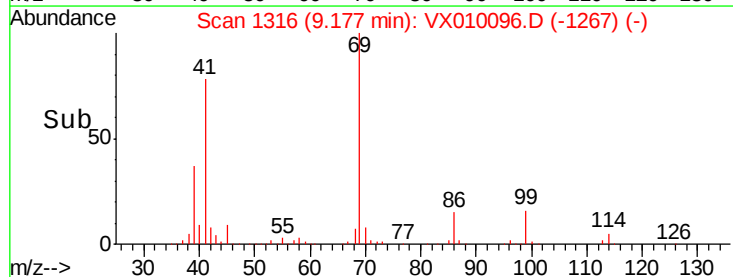
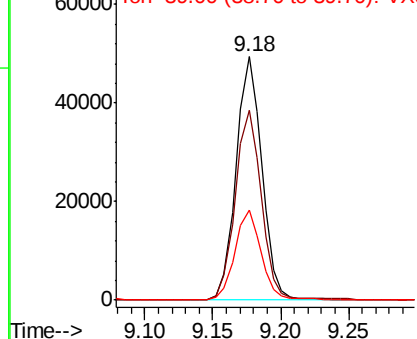


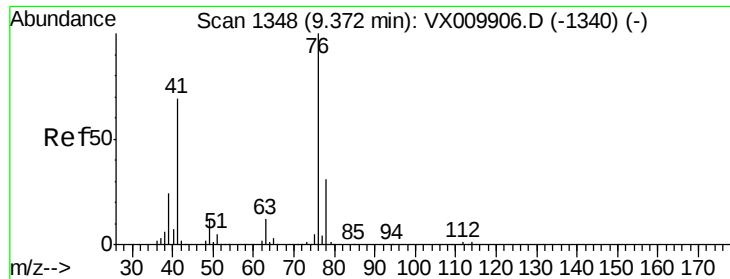
#56
 Ethyl methacrylate
 Concen: 20.243 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion: 69 Resp: 65550
 Ion Ratio Lower Upper
 69 100
 41 78.9 62.7 94.1
 39 37.1 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: 19.857 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

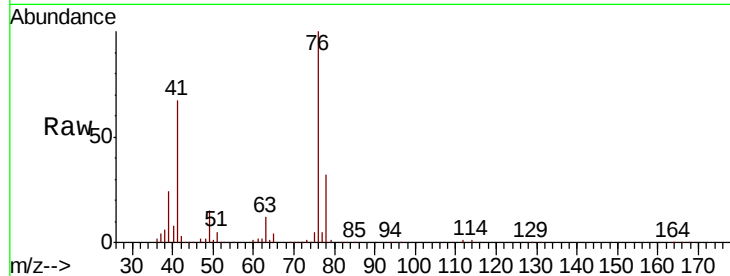
ClientSampled :

Tot Ion: 76 Resp: 64864

Ion Ratio Lower Upper

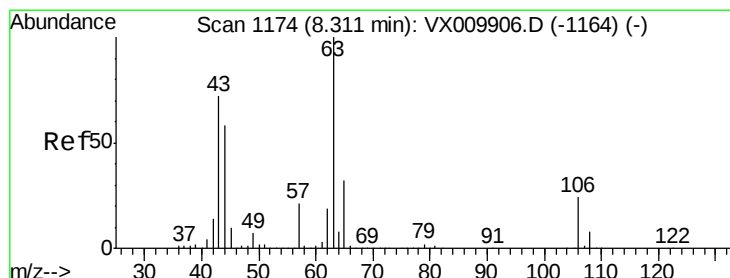
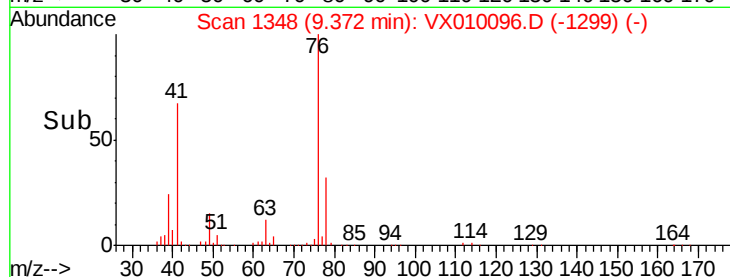
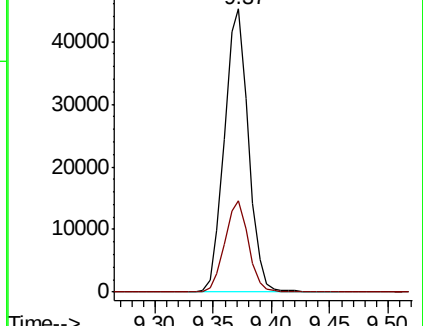
76 100

78 31.8 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 88.431 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010096.D

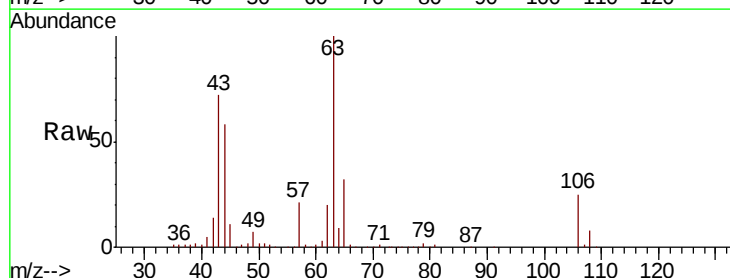
Acq: 05 Jun 2019 23:52

Tgt Ion: 63 Resp: 150158

Ion Ratio Lower Upper

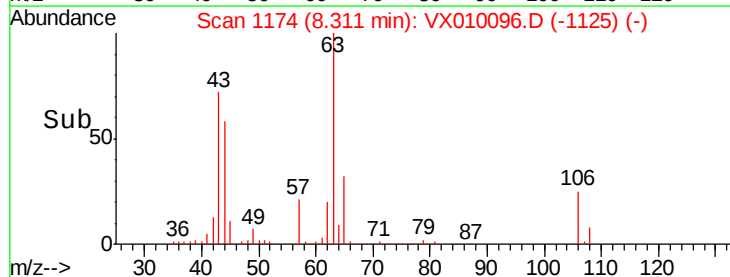
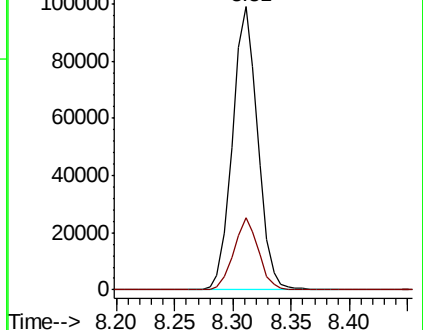
63 100

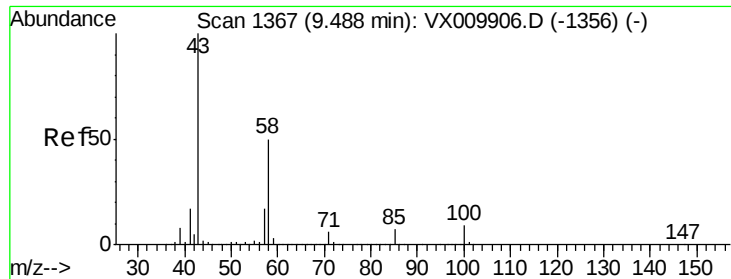
106 24.8 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

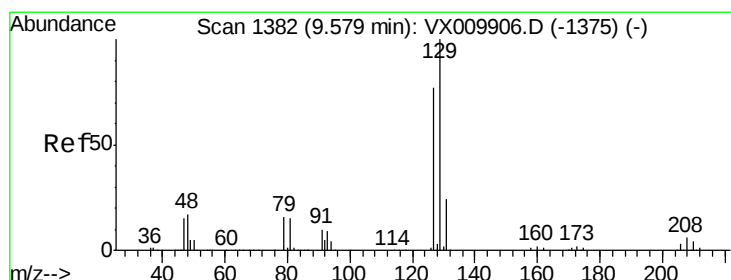
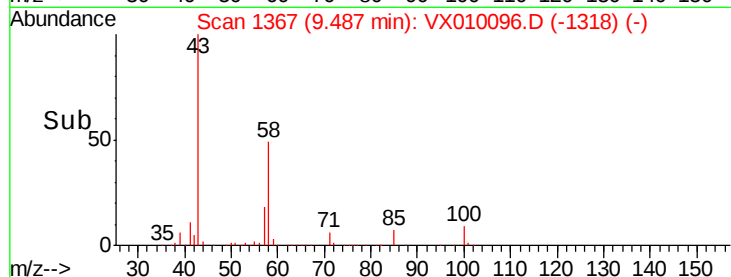
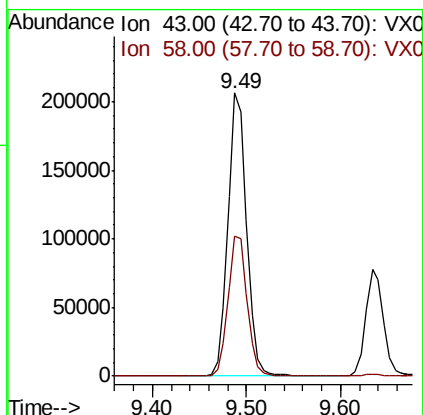
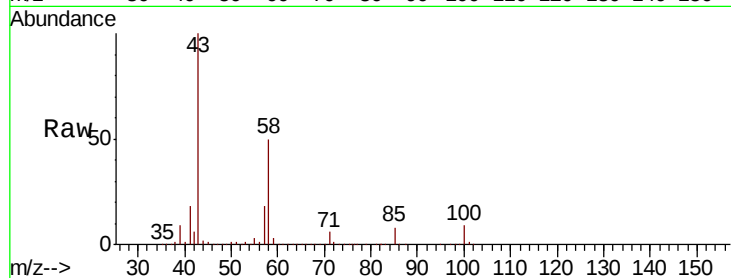




#59
2-Hexanone
Concen: 100.098 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

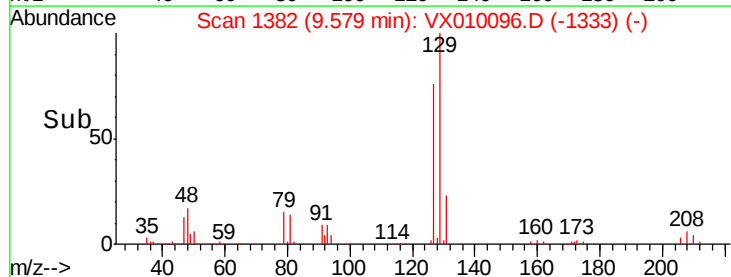
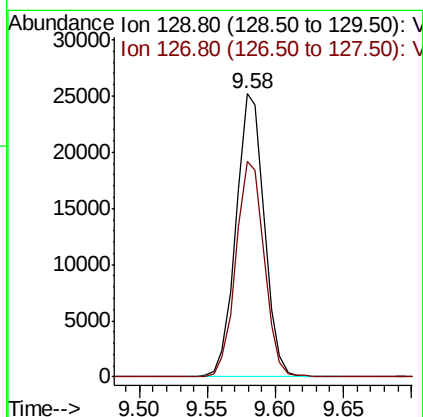
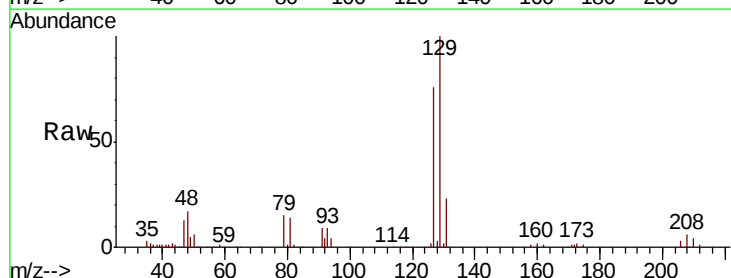
Instrument :
MSVOA_X
ClientSampled :

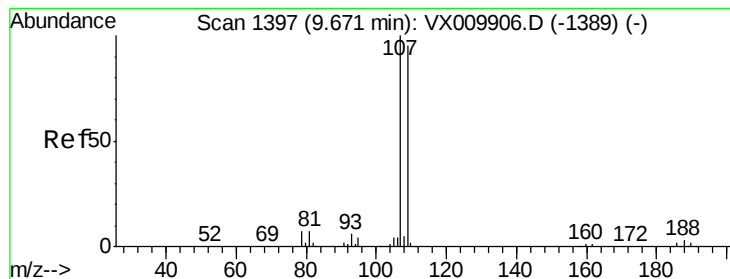
Tot Ion: 43 Resp: 282798
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.292 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion:129 Resp: 36307
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.174 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

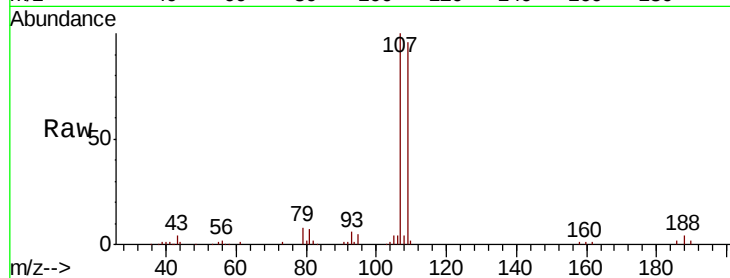
ClientSampleId :

Tot Ion:107 Resp: 37698

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2

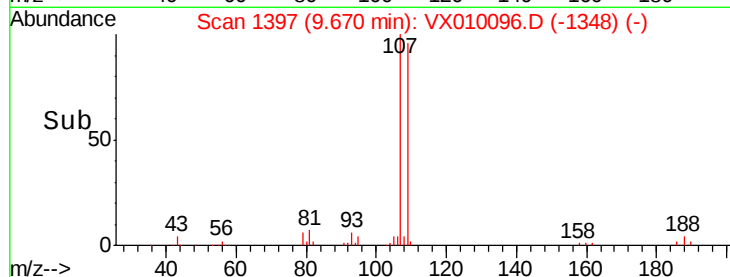


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



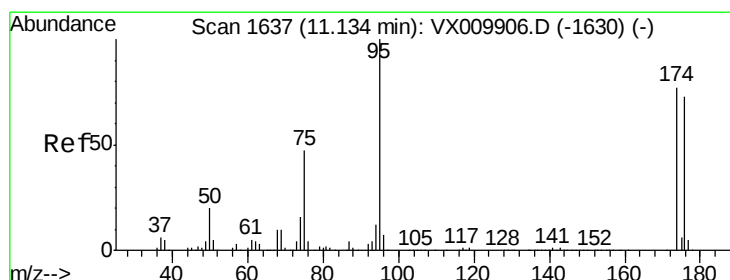
Abundance

Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



#62

4-Bromofluorobenzene

Concen: 50.316 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

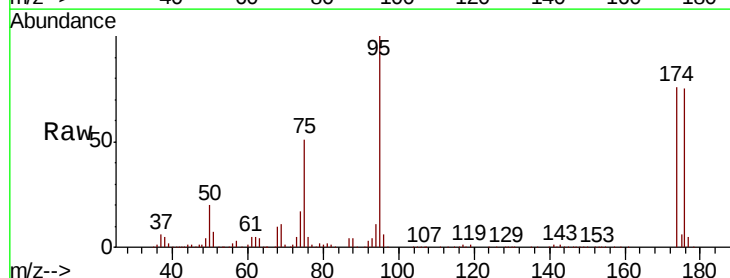
Tgt Ion: 95 Resp: 114100

Ion Ratio Lower Upper

95 100

174 83.3 0.0 160.4

176 81.8 0.0 154.6



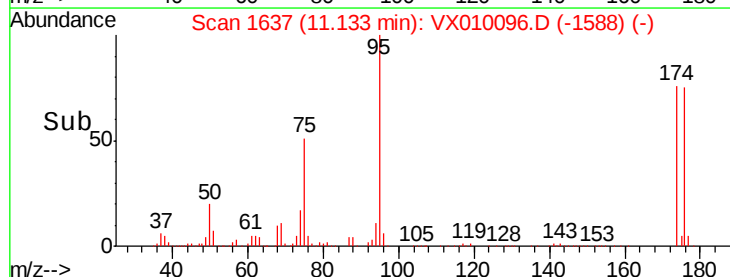
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->



Abundance

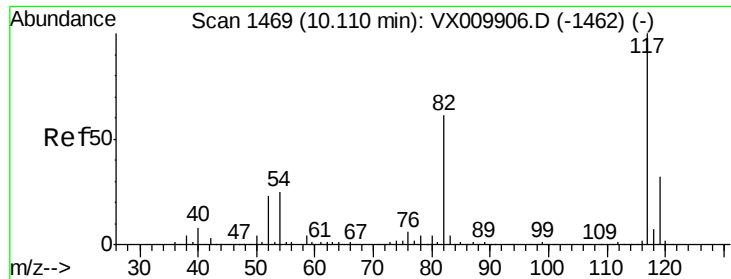
Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

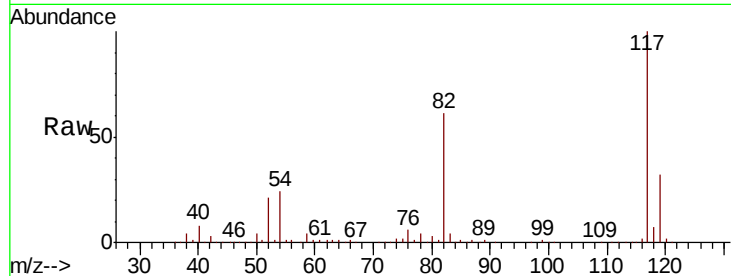
Time-->



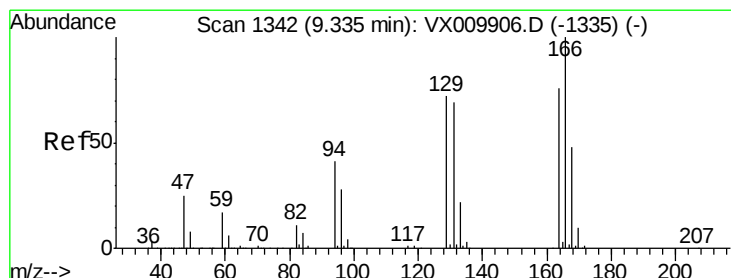
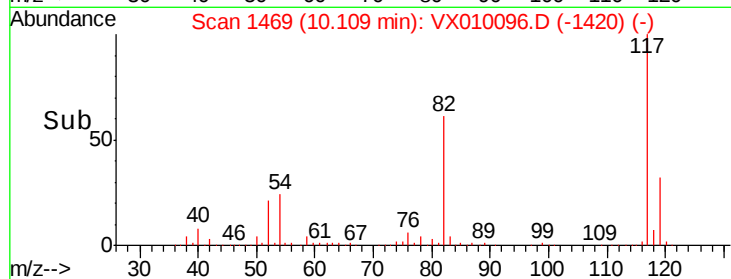
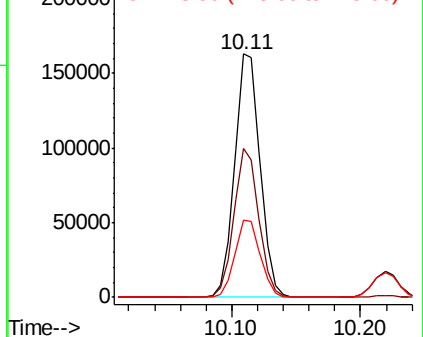
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 224550
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 32.0 25.2 37.8



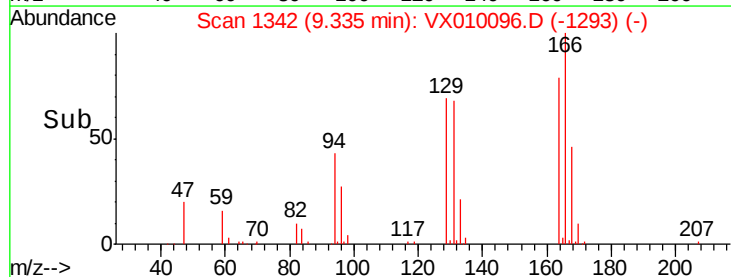
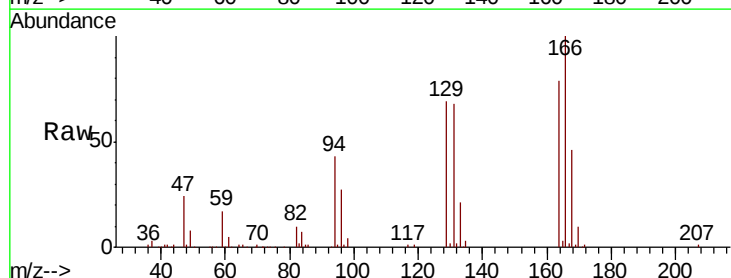
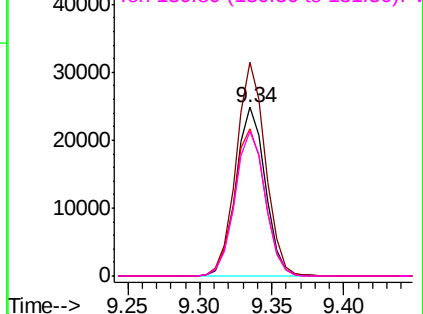
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

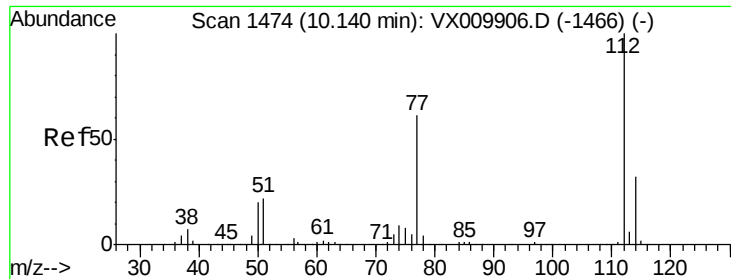


#64
Tetrachloroethene
Concen: 22.579 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion:164 Resp: 35414
Ion Ratio Lower Upper
164 100
166 126.7 105.0 157.4
129 87.1 75.1 112.7
131 85.6 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

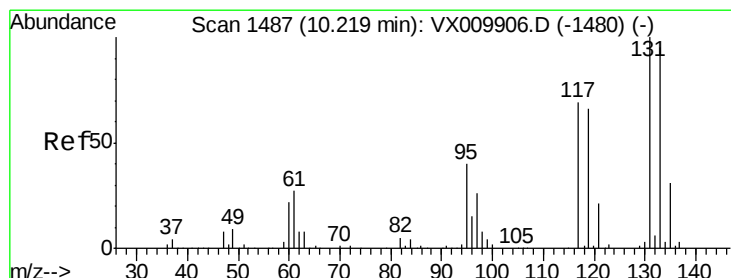
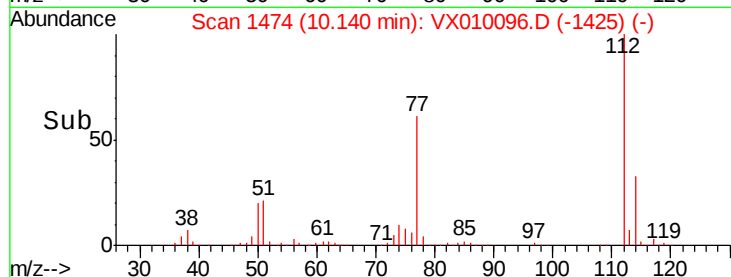
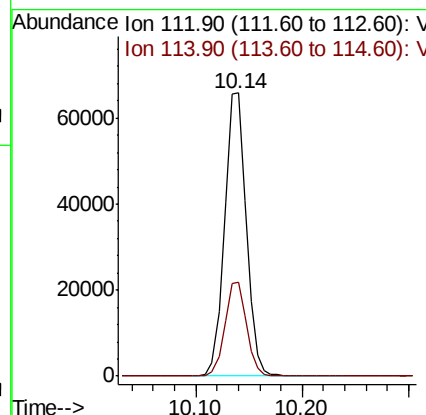
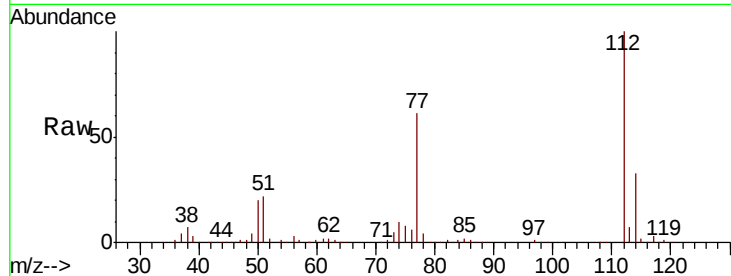




#65
Chlorobenzene
Concen: 19.938 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

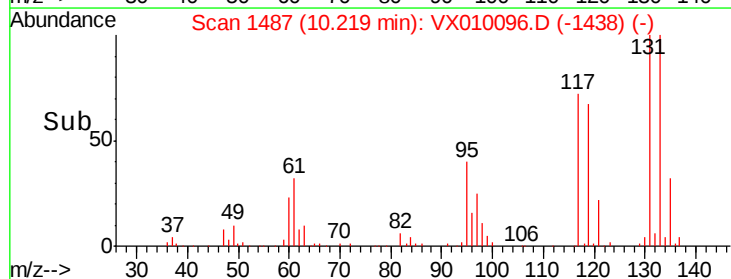
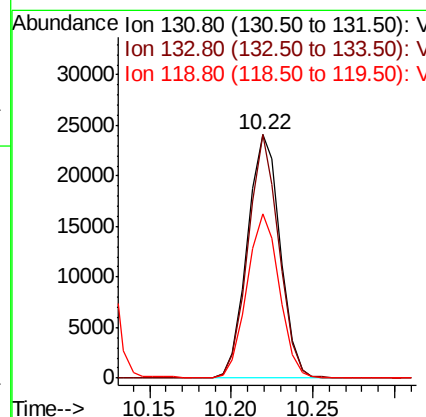
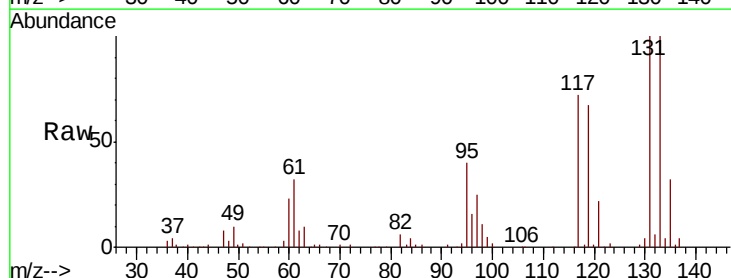
Instrument :
MSVOA_X
ClientSampleId :

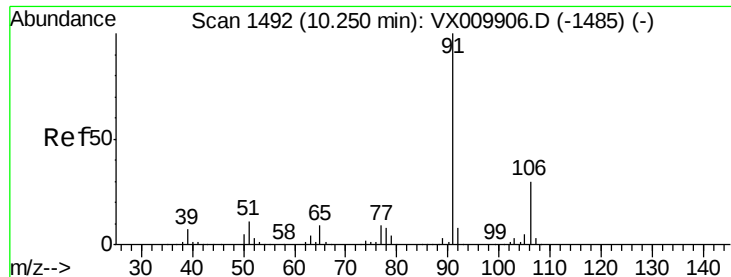
Tot Ion:112 Resp: 93730
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.709 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion:131 Resp: 33766
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 66.7 33.4 100.1





#67

Ethyl Benzene

Concen: 20.488 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

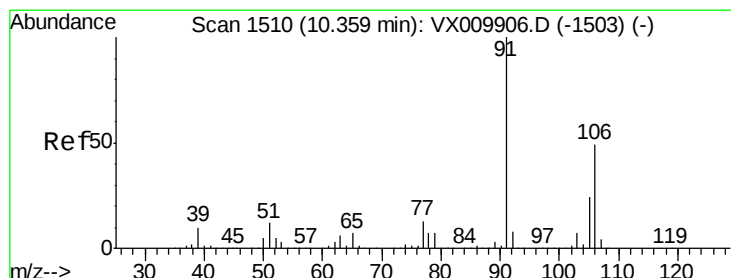
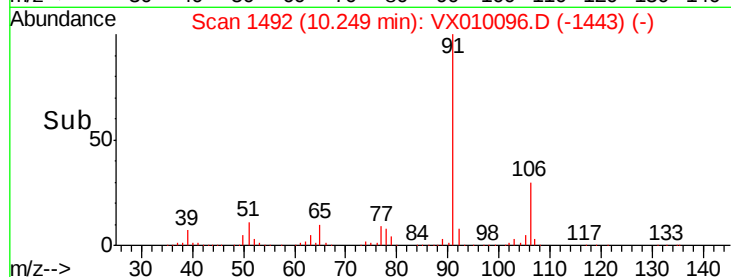
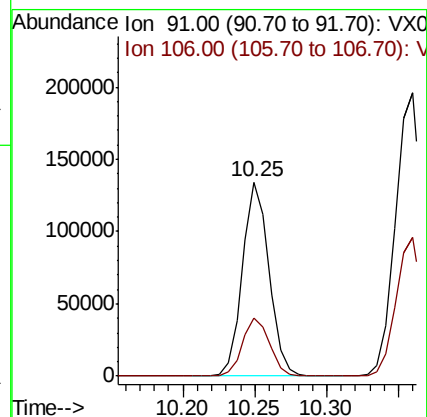
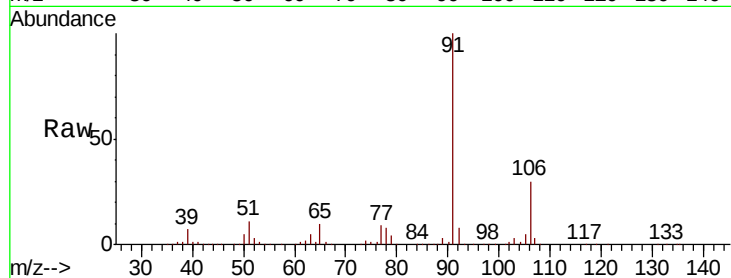
ClientSampled :

Tot Ion: 91 Resp: 172930

Ion Ratio Lower Upper

91 100

106 30.1 23.9 35.9



#68

m/p-Xylenes

Concen: 41.140 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010096.D

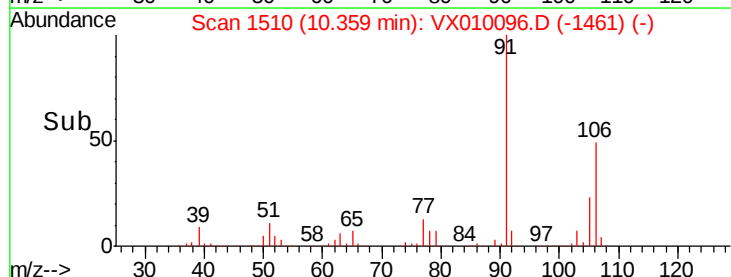
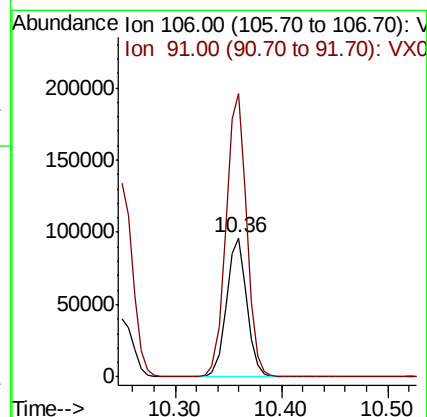
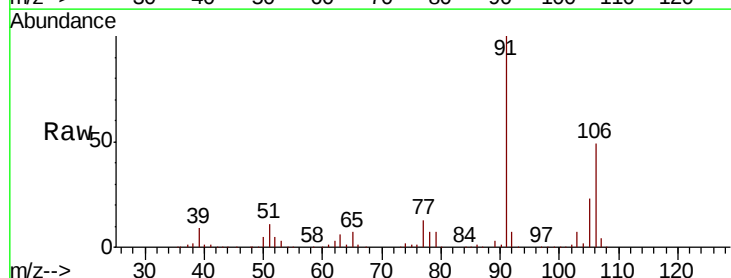
Acq: 05 Jun 2019 23:52

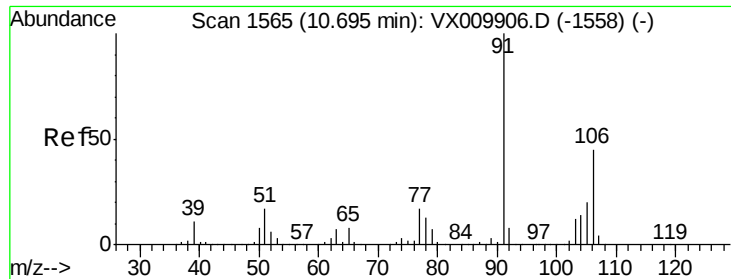
Tgt Ion: 106 Resp: 128285

Ion Ratio Lower Upper

106 100

91 206.1 167.3 250.9

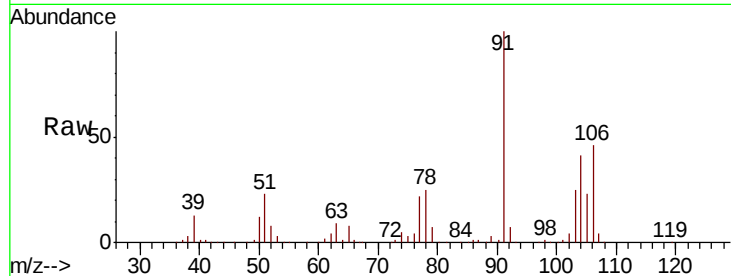




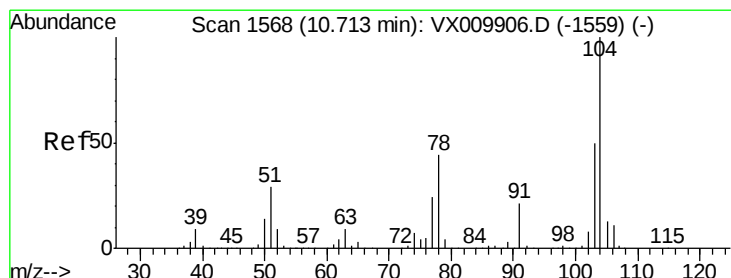
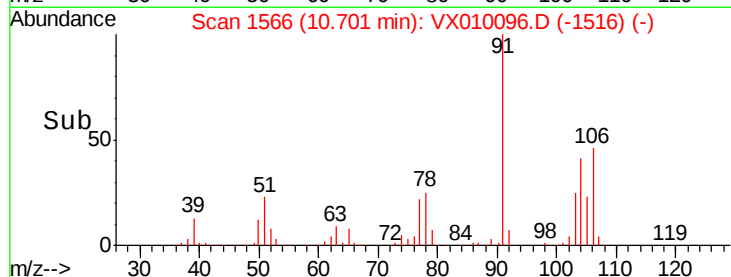
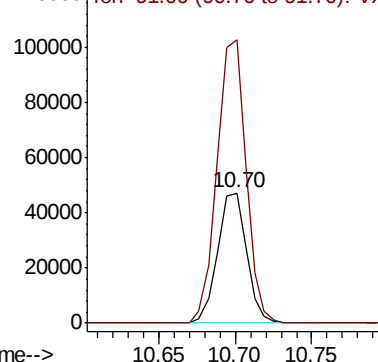
#69
o-Xylene
Concen: 20.812 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 62241
Ion Ratio Lower Upper
106 100
91 218.7 110.4 331.2

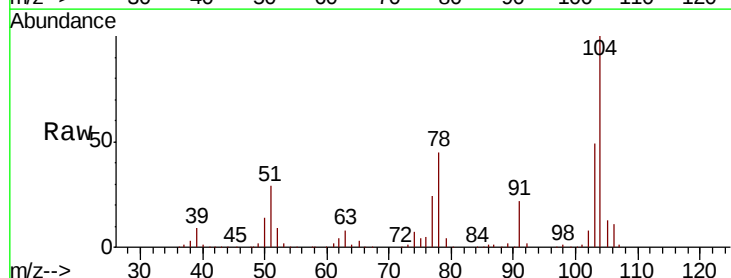


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

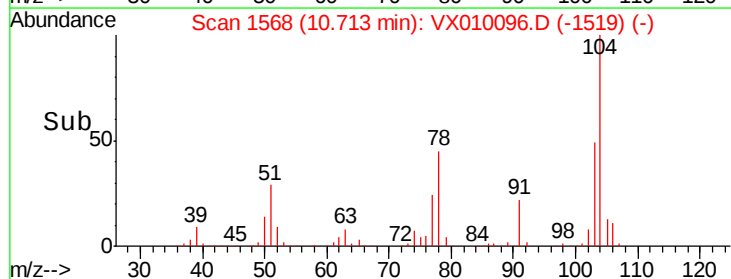
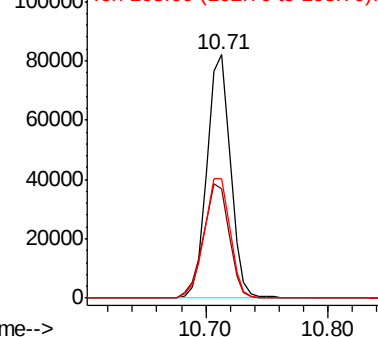


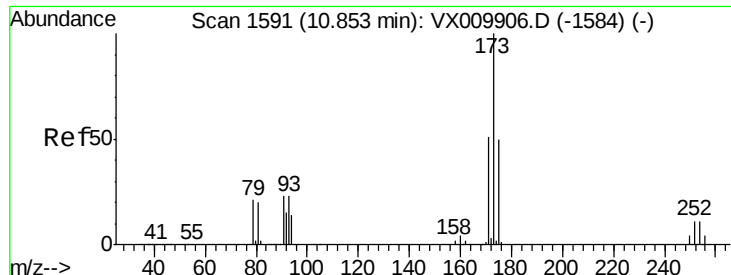
#70
Styrene
Concen: 20.593 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion:104 Resp: 107990
Ion Ratio Lower Upper
104 100
78 52.1 42.1 63.1
103 55.0 44.1 66.1



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





#71

Bromoform

Concen: 20.498 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

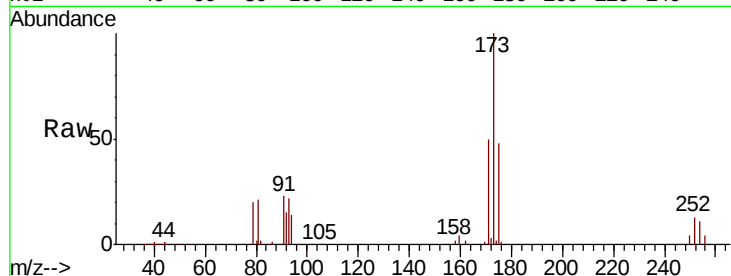
Tot Ion:173 Resp: 27320

Ion Ratio Lower Upper

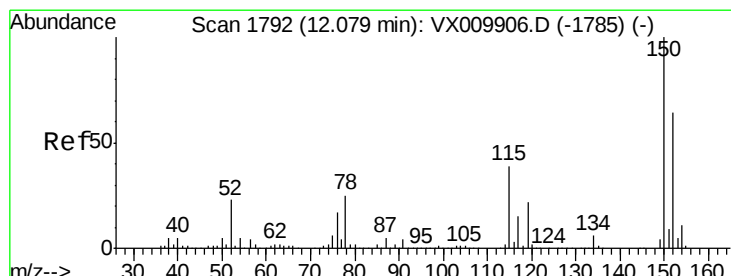
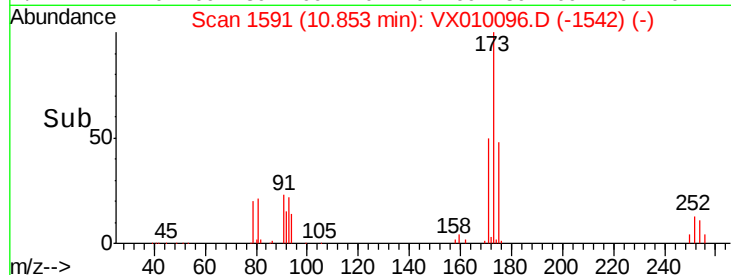
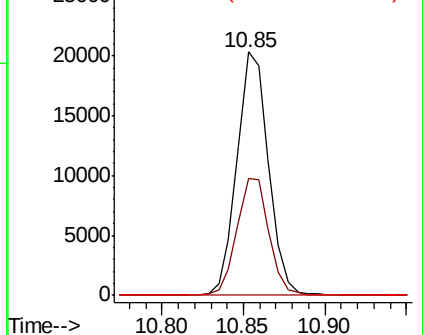
173 100

175 49.1 25.0 75.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

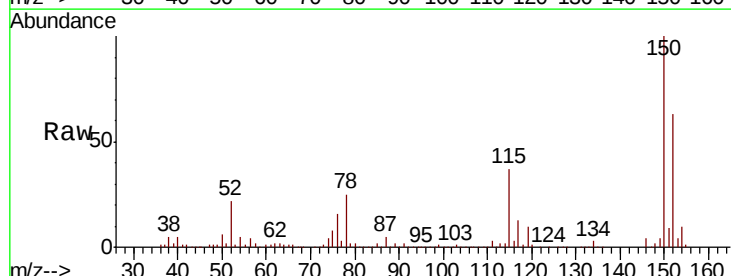
Tgt Ion:152 Resp: 110248

Ion Ratio Lower Upper

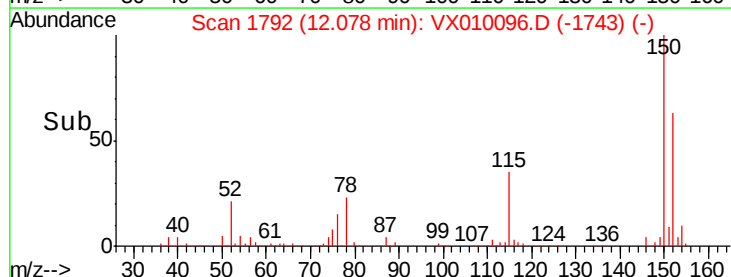
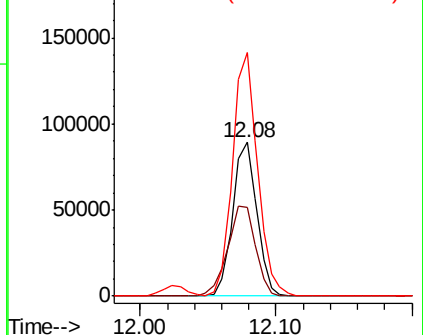
152 100

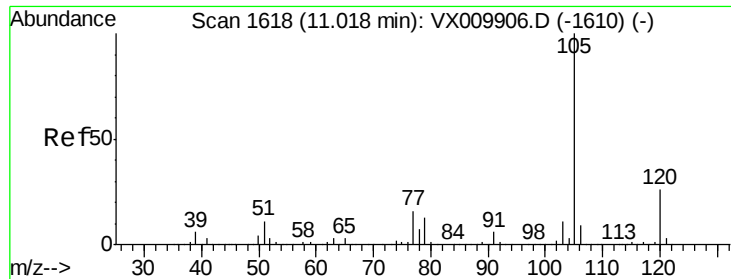
115 67.4 41.4 124.2

150 164.0 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: 20.498 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

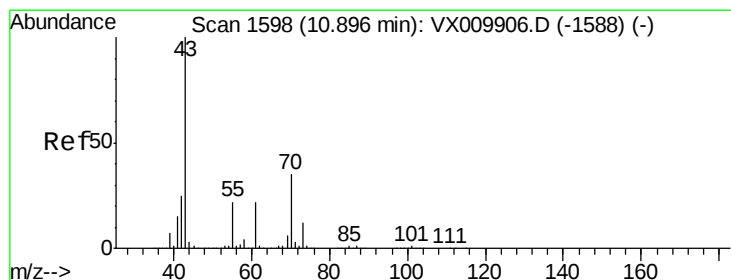
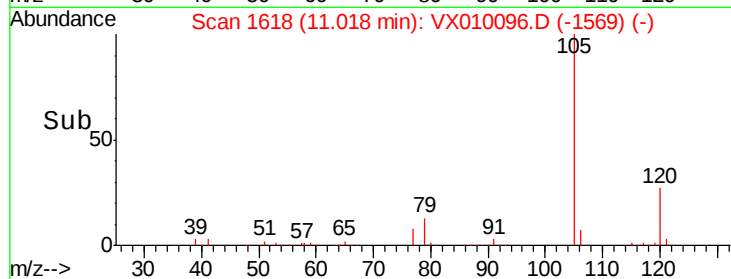
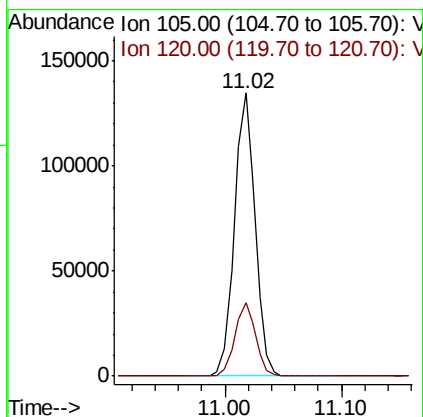
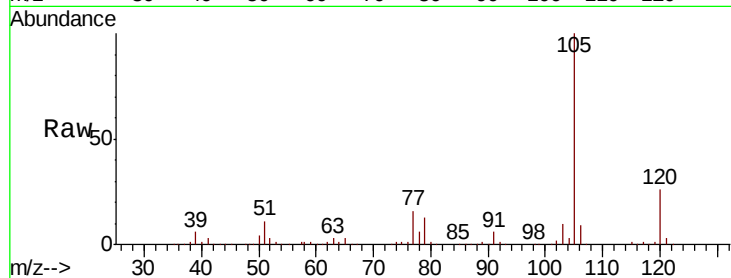
ClientSampleId :

Tot Ion:105 Resp: 166741

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.4



#74

N-ethyl acetate

Concen: 19.791 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion: 43 Resp: 96200

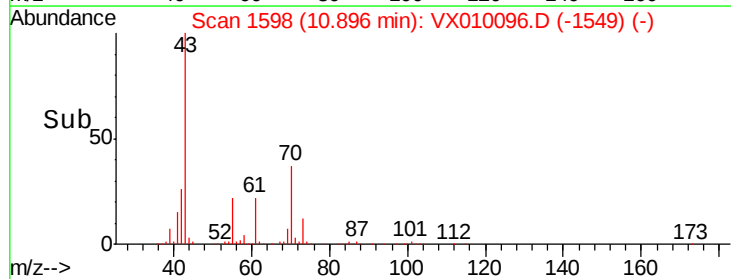
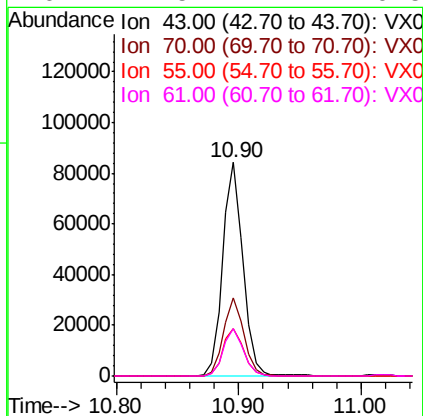
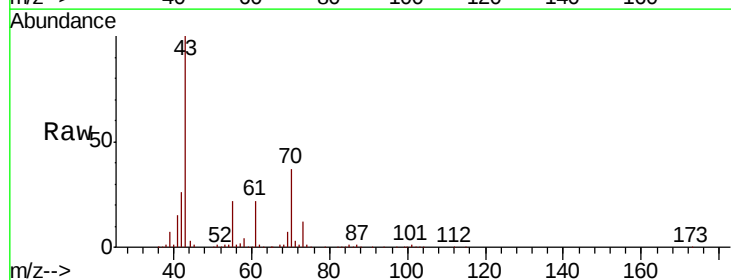
Ion Ratio Lower Upper

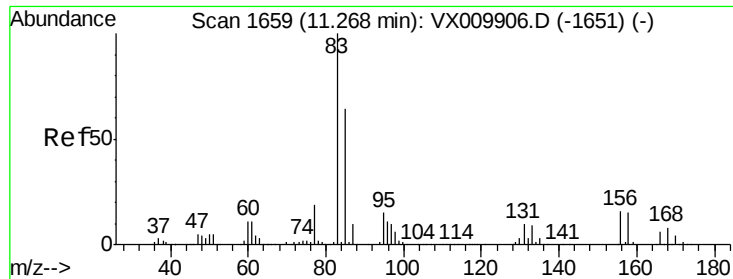
43 100

70 37.1 28.6 43.0

55 23.3 17.8 26.8

61 22.5 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.204 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

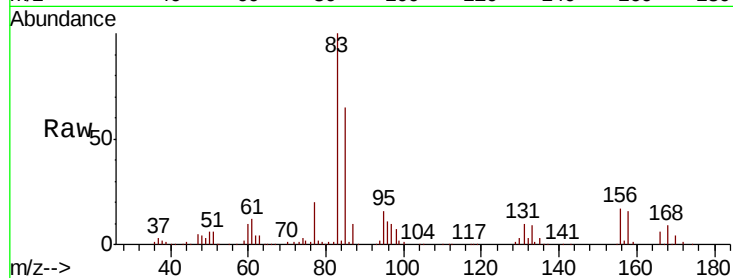
Tot Ion: 83 Resp: 61314

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

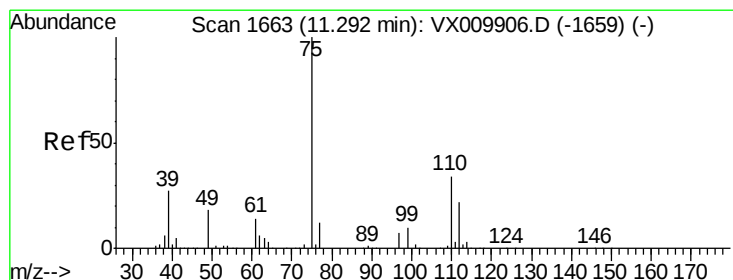
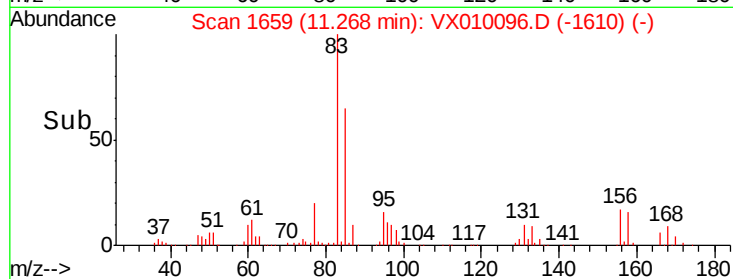
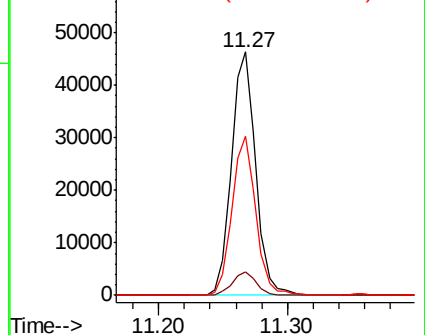
85 64.1 31.9 95.9



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: 26.527 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010096.D

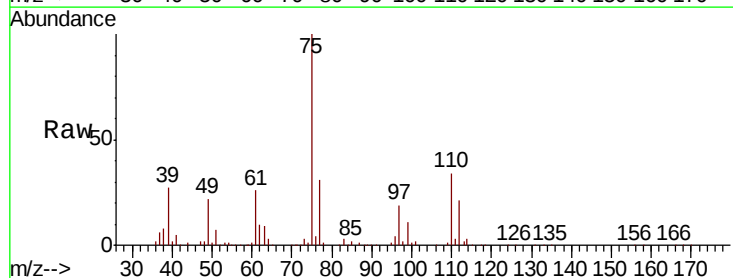
Acq: 05 Jun 2019 23:52

Tgt Ion: 75 Resp: 69935

Ion Ratio Lower Upper

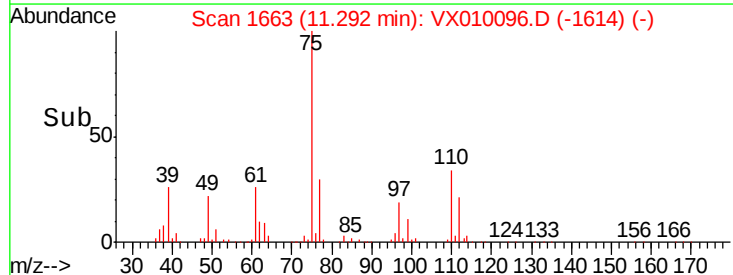
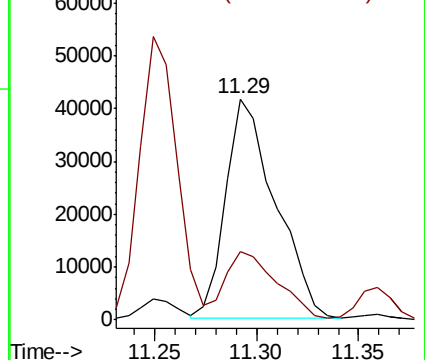
75 100

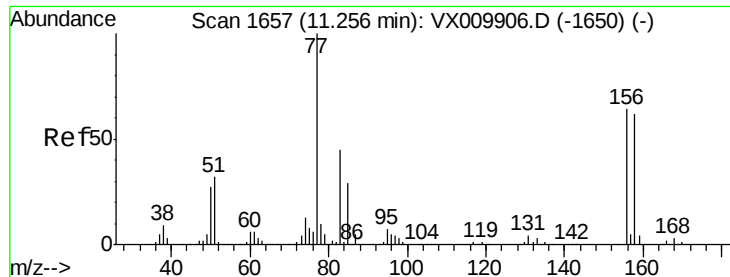
77 32.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.340 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

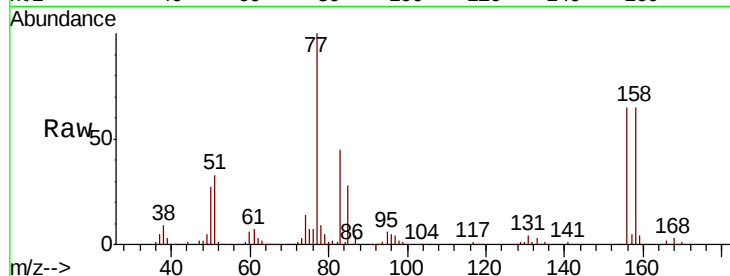
Tot Ion:156 Resp: 42164

Ion Ratio Lower Upper

156 100

77 162.9 86.8 260.3

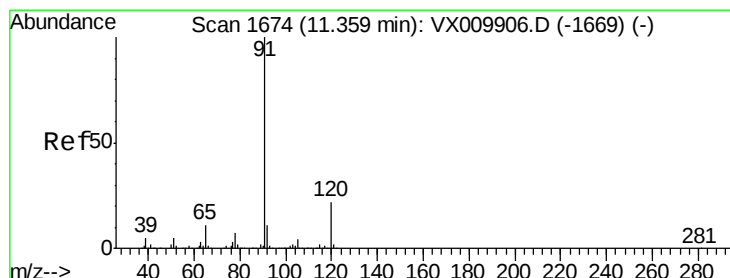
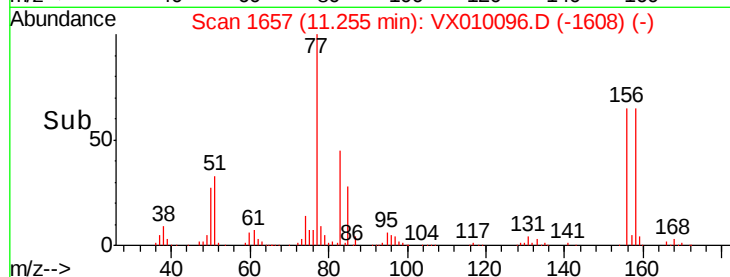
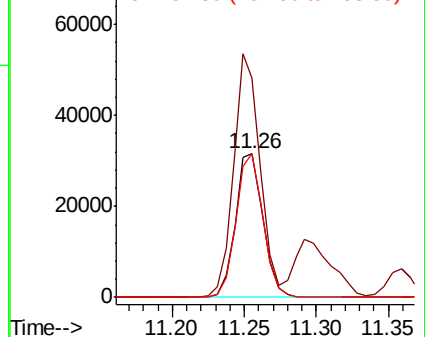
158 97.4 49.6 148.8



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: 20.086 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010096.D

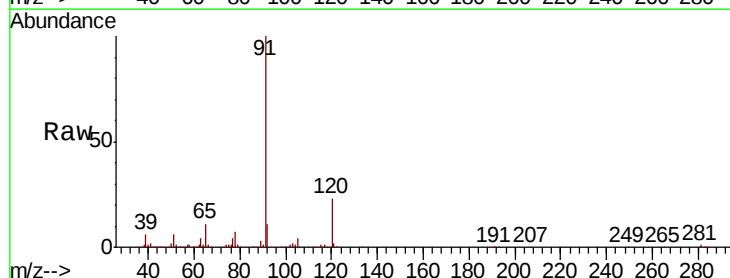
Acq: 05 Jun 2019 23:52

Tgt Ion: 91 Resp: 188328

Ion Ratio Lower Upper

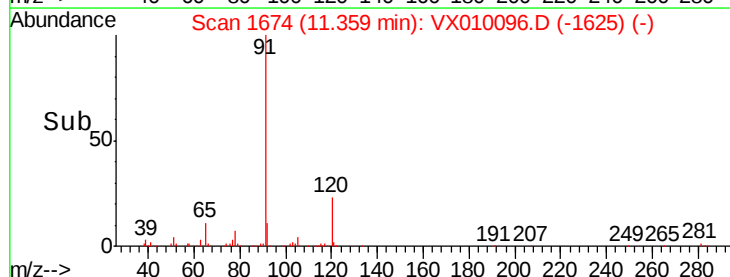
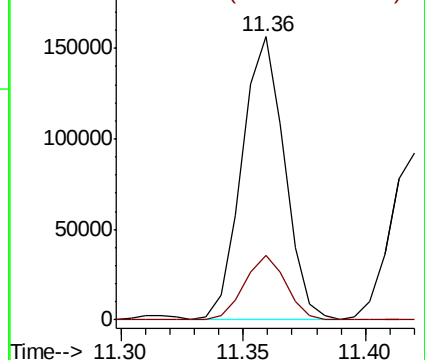
91 100

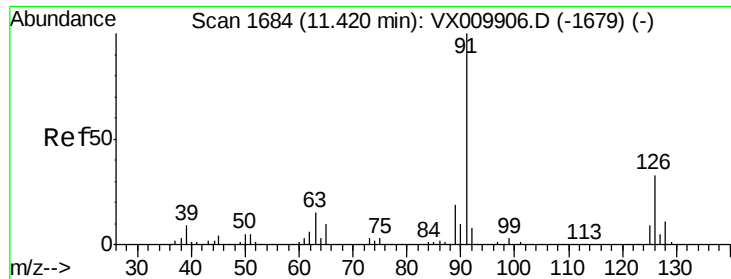
120 22.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

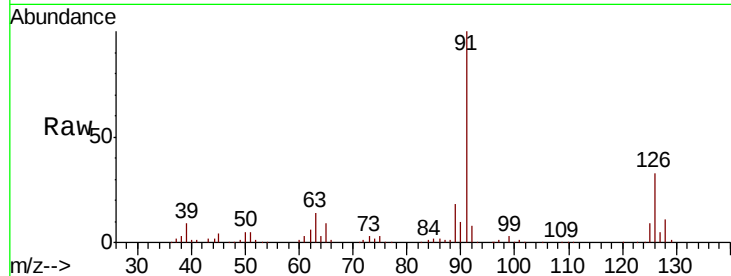




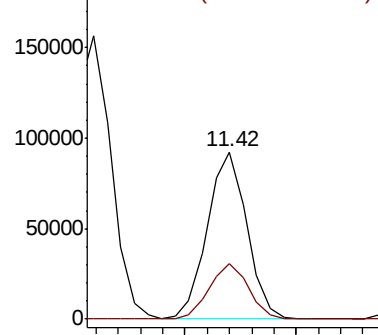
#79
 2-Chlorotoluene
 Concen: 19.856 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

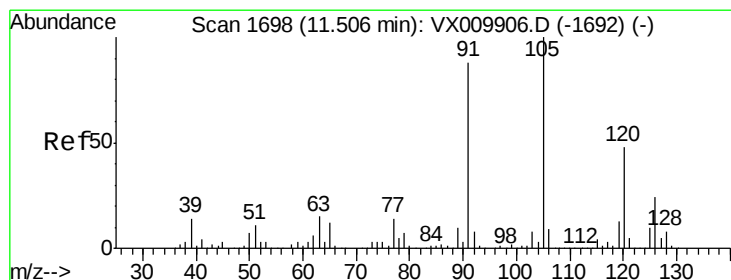
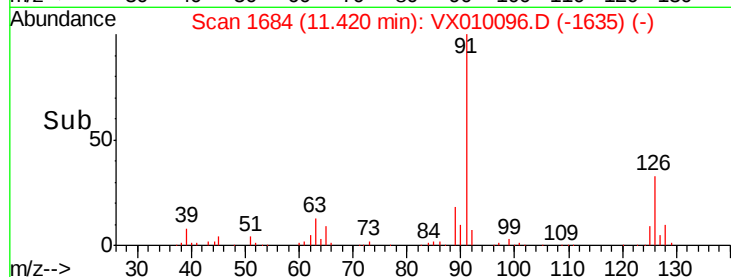
Tot Ion: 91 Resp: 113744
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

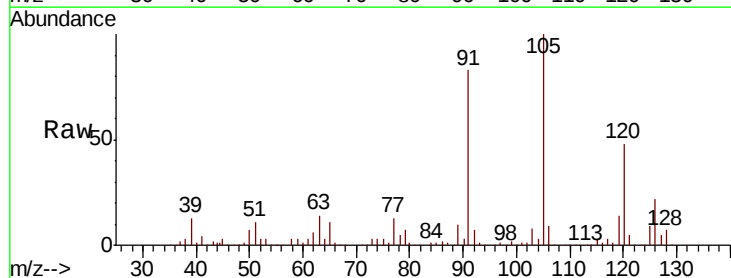


Time-->

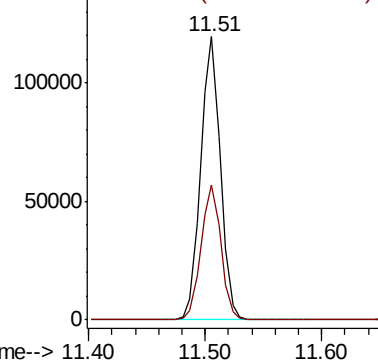


#80
 1,3,5-Trimethylbenzene
 Concen: 20.419 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

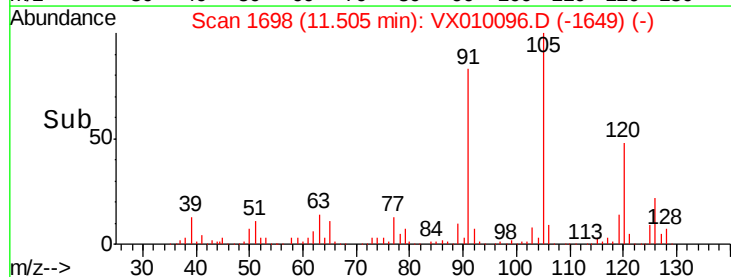
Tgt Ion:105 Resp: 139928
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3

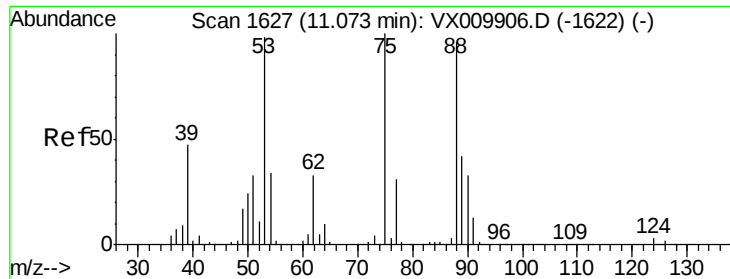


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.336 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

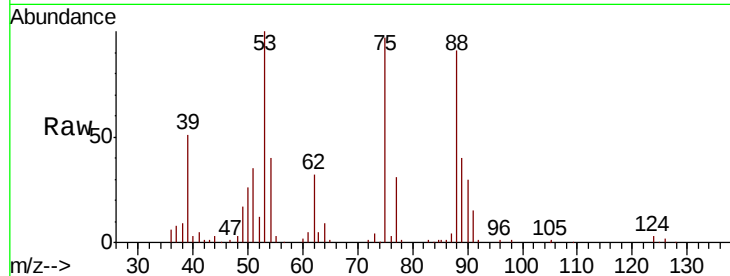
Tot Ion: 75 Resp: 18473

Ion Ratio Lower Upper

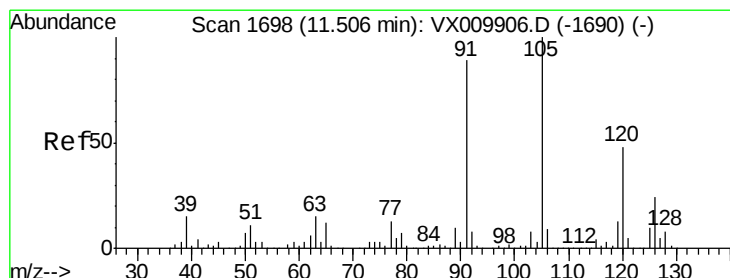
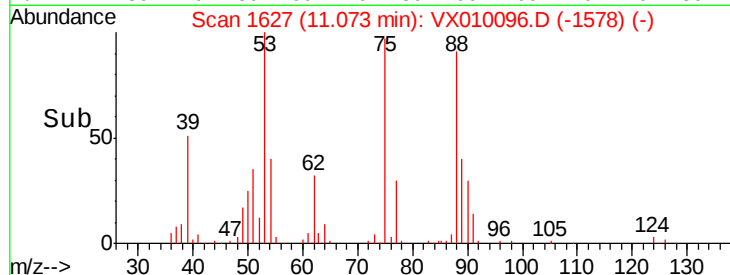
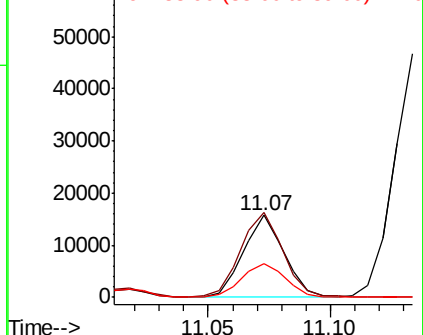
75 100

53 106.8 79.8 119.6

89 44.2 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.803 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010096.D

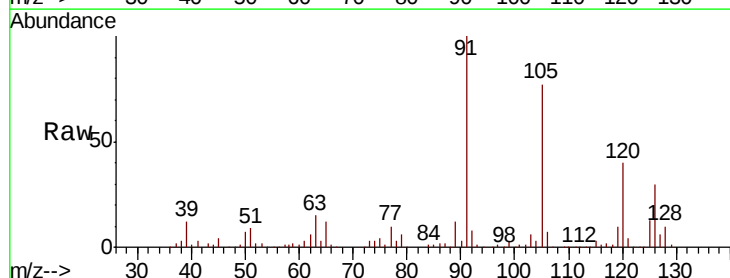
Acq: 05 Jun 2019 23:52

Tgt Ion: 91 Resp: 132062

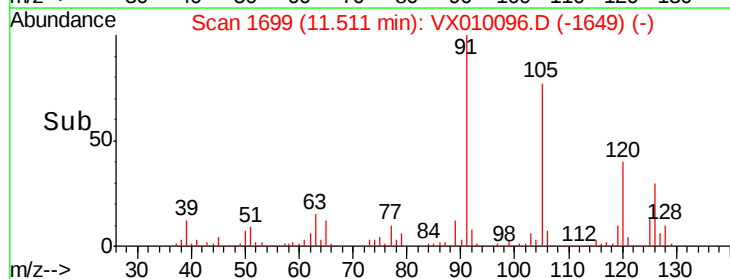
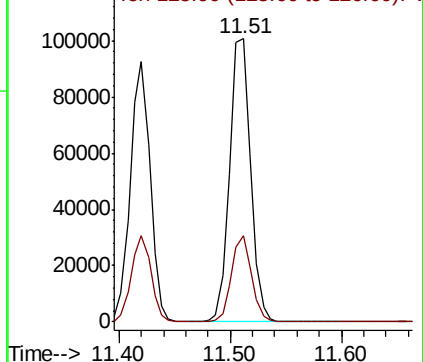
Ion Ratio Lower Upper

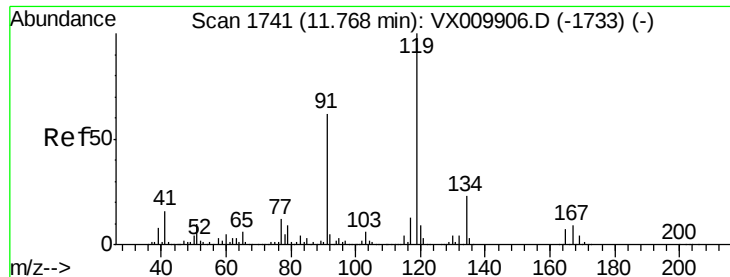
91 100

126 28.9 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

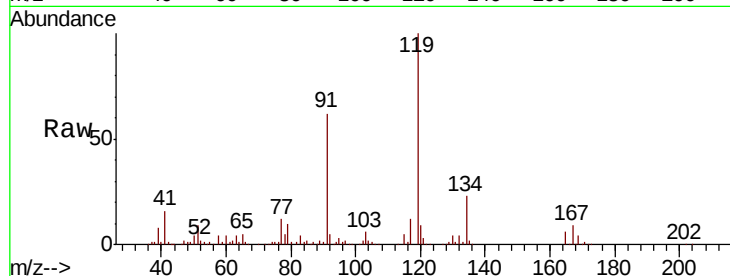




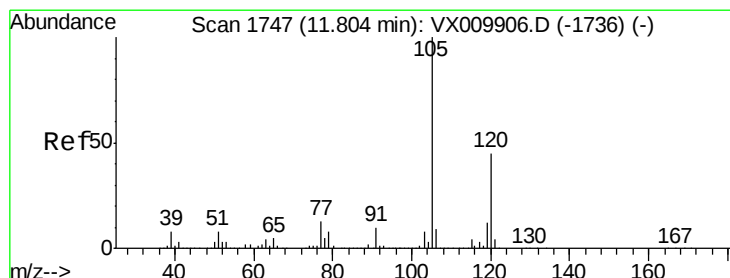
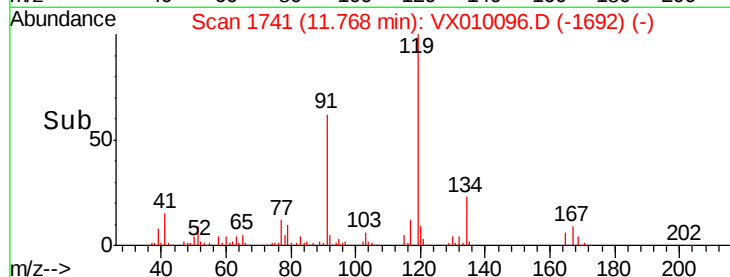
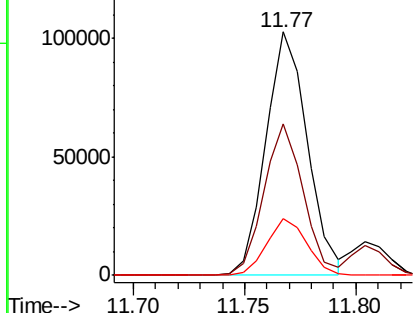
#83
tert-Butylbenzene
Concen: 20.305 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.3	30.0	90.0
134	22.8	11.2	33.5

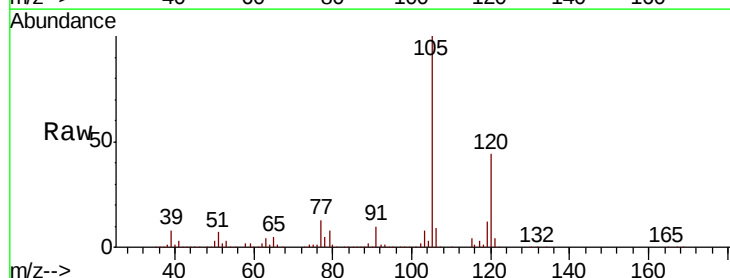


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

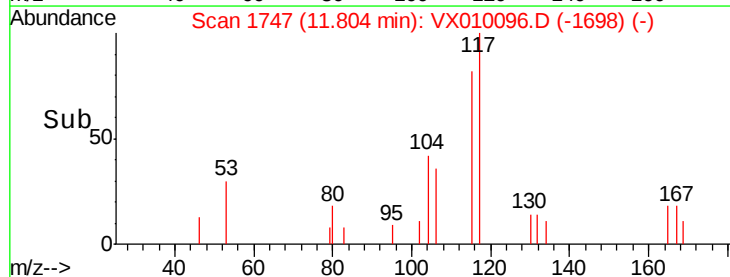
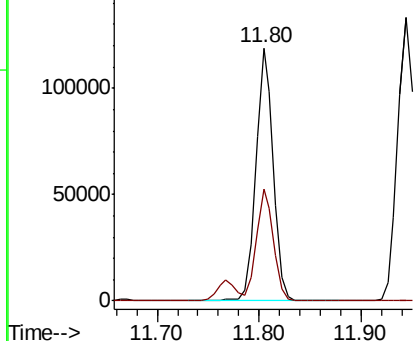


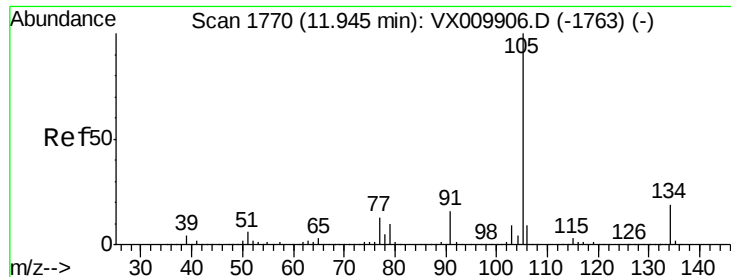
#84
1,2,4-Trimethylbenzene
Concen: 20.431 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.344 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

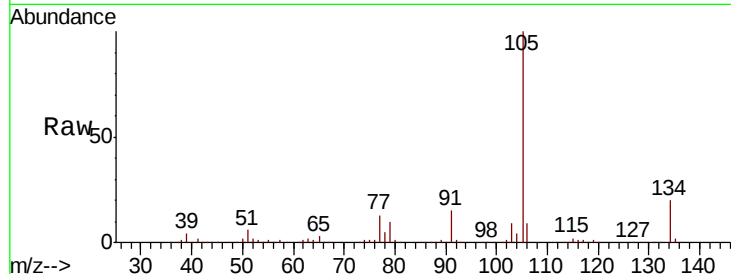
ClientSampled :

Tot Ion:105 Resp: 158674

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

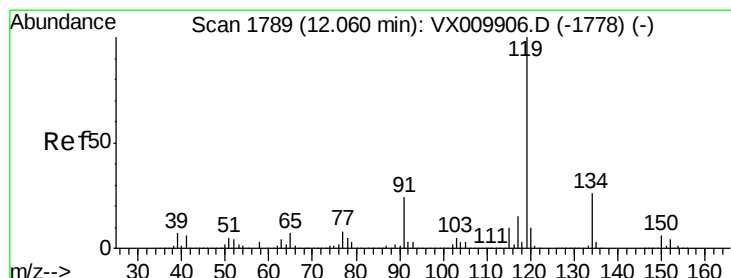
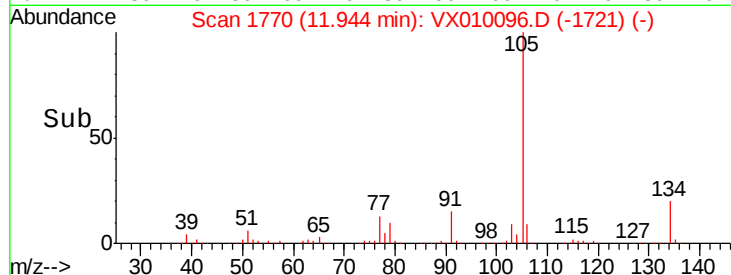
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.552 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

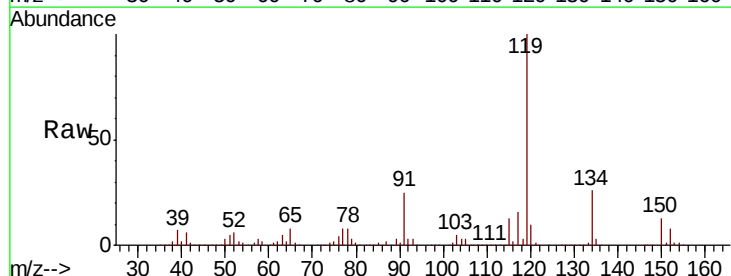
Tgt Ion:119 Resp: 144187

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.4 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

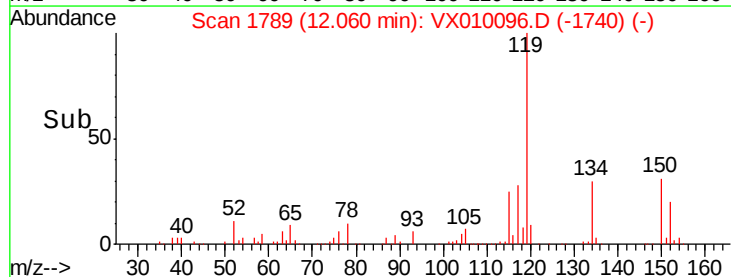
150000

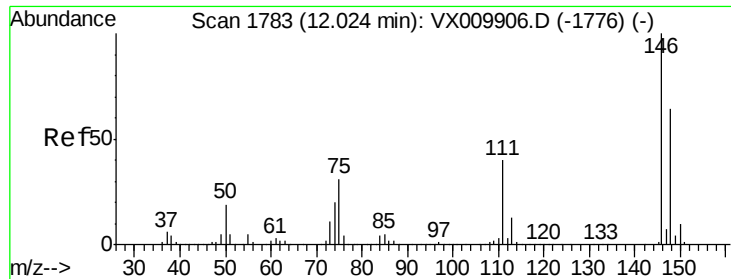
100000

50000

0

Time-->

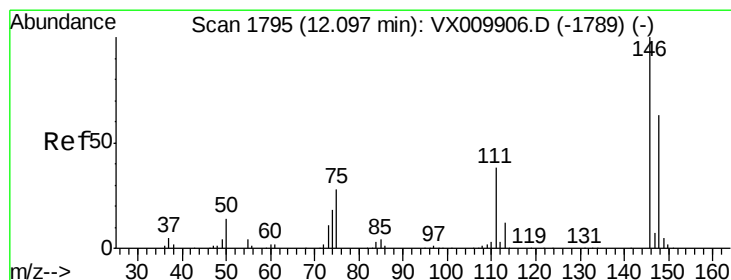
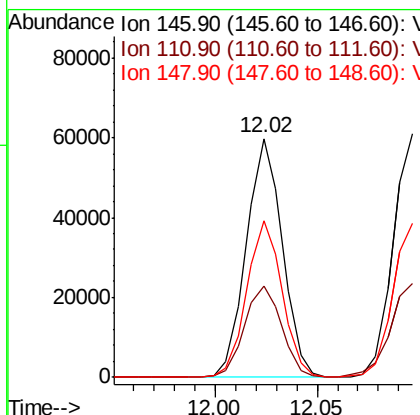
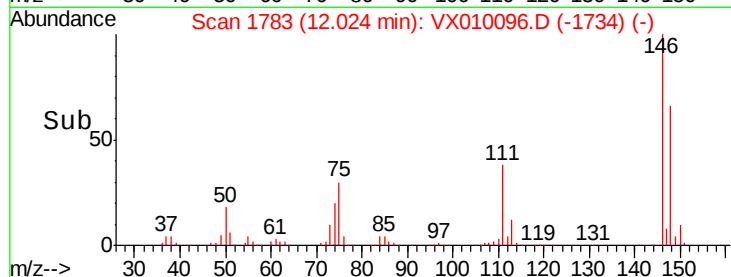
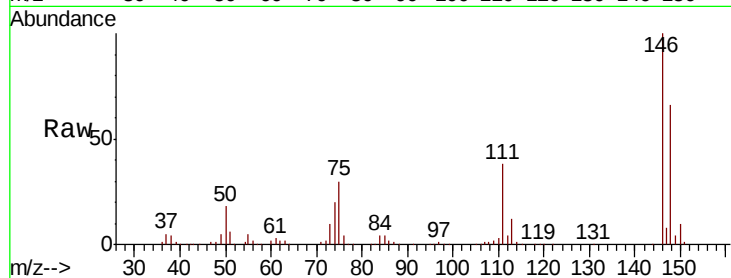




#87
 1,3-Dichlorobenzene
 Concen: 19.909 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

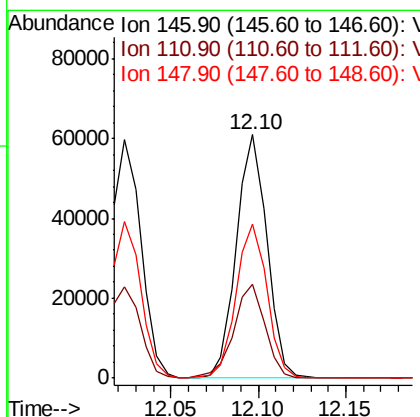
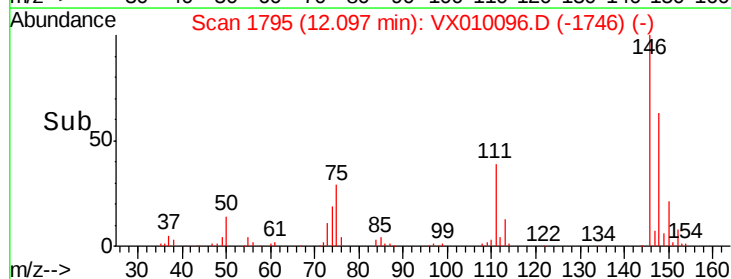
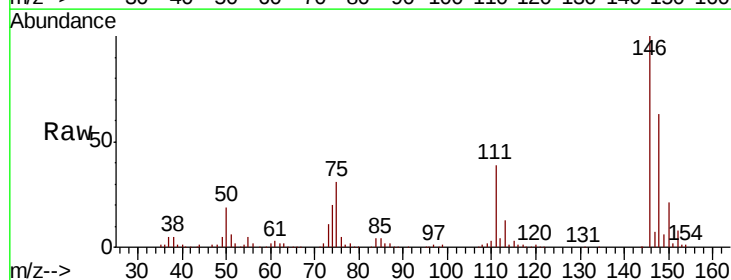
Instrument :
 MSVOA_X
 ClientSampleId :

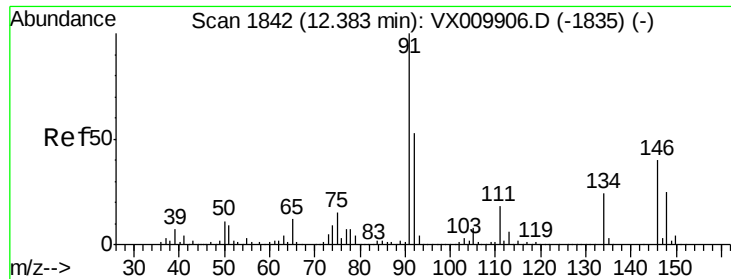
Tot Ion:146 Resp: 73478
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.1 60.2
 148 64.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.687 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion:146 Resp: 74099
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 59.9
 148 64.1 32.3 96.9

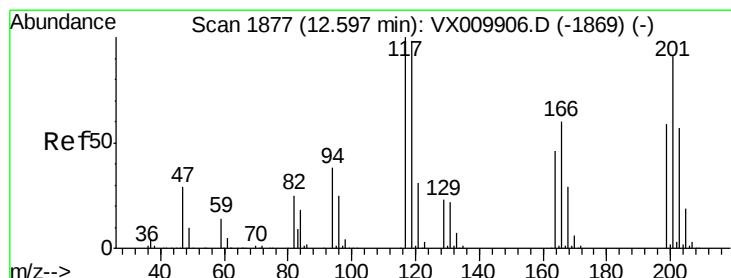
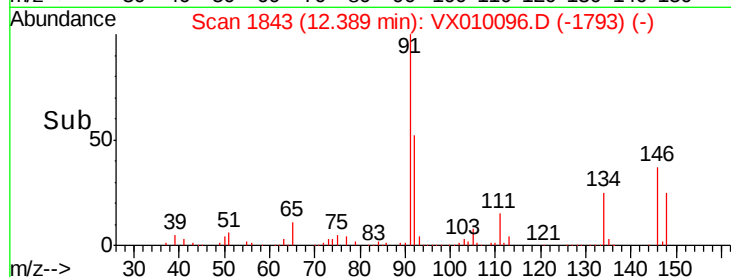
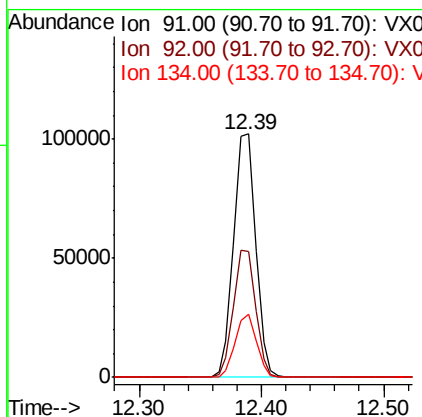
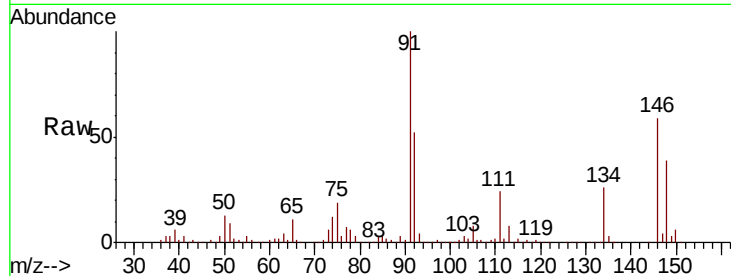




#89
n-Butylbenzene
Concen: 19.332 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

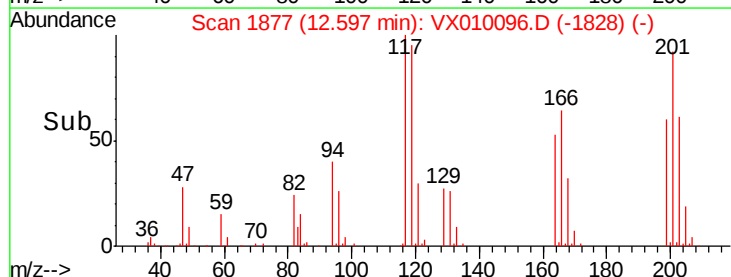
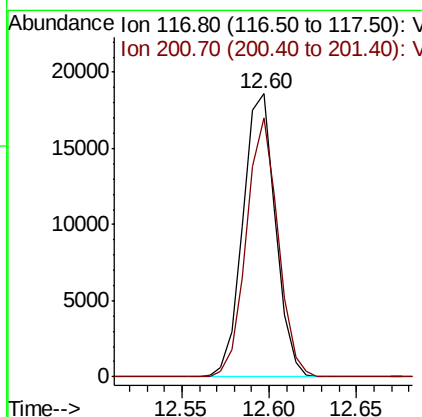
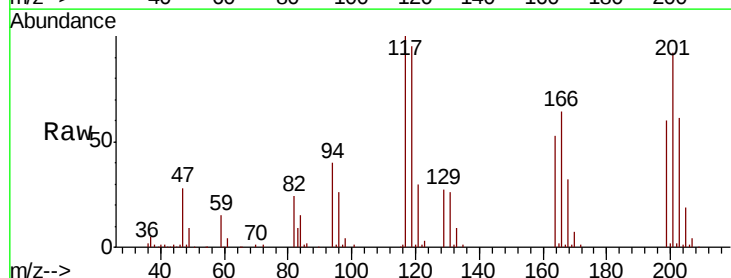
Instrument :
MSVOA_X
ClientSampleId :

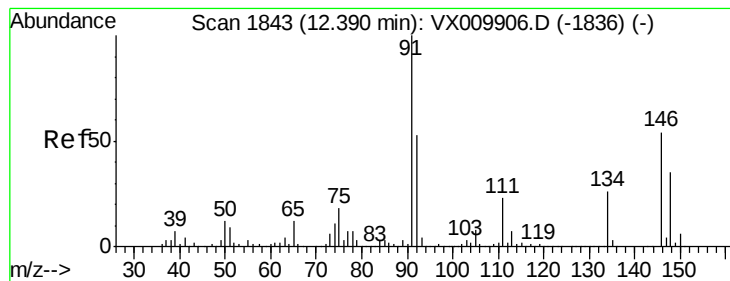
Tot Ion: 91 Resp: 127461
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.8
134 25.0 12.3 36.8



#90
Hexachloroethane
Concen: 20.012 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 117 Resp: 24094
Ion Ratio Lower Upper
117 100
201 88.4 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 20.454 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

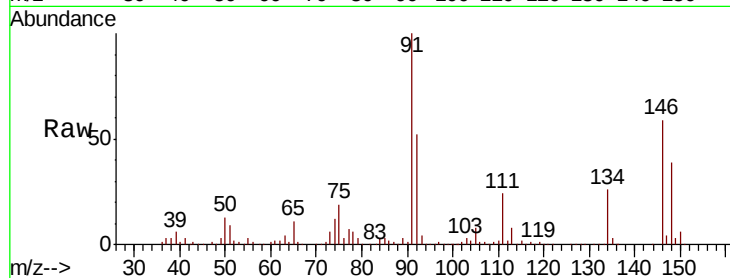
Tot Ion:146 Resp: 74425

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.1

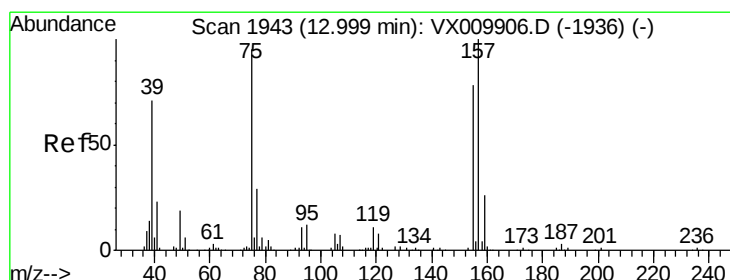
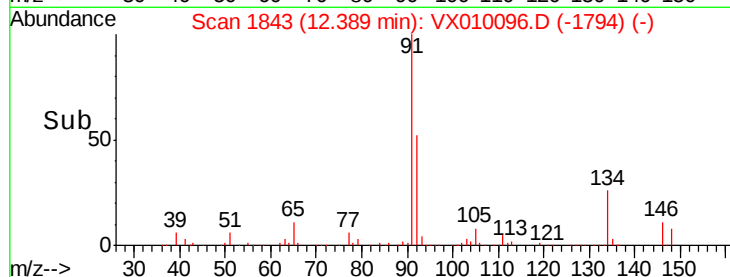
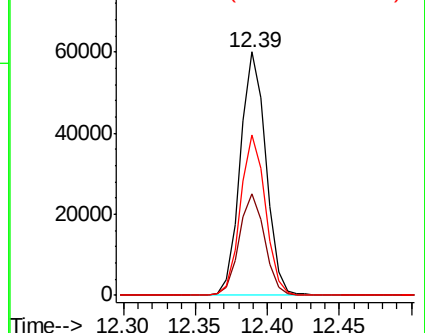
148 64.6 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.388 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

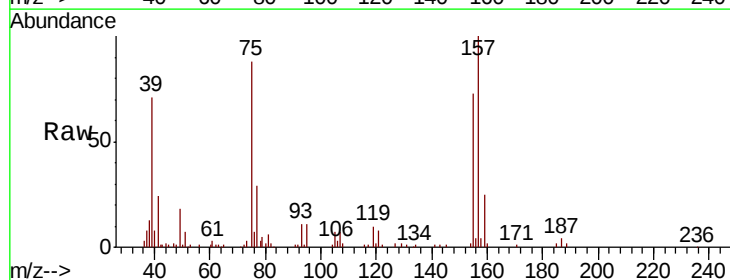
Tgt Ion: 75 Resp: 13849

Ion Ratio Lower Upper

75 100

155 82.4 39.3 117.8

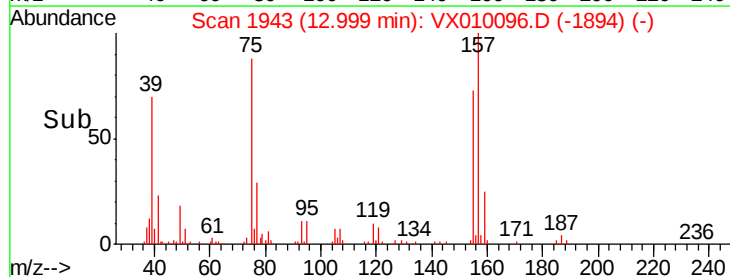
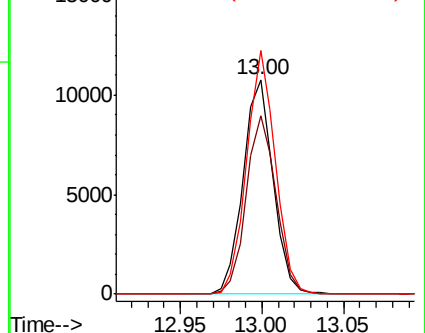
157 108.5 50.6 151.8

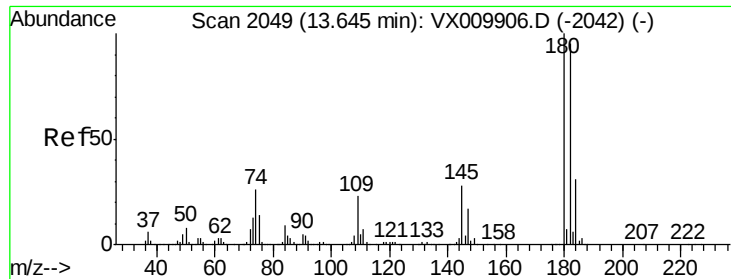


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

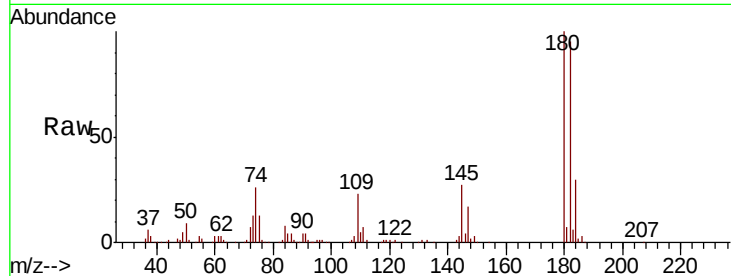




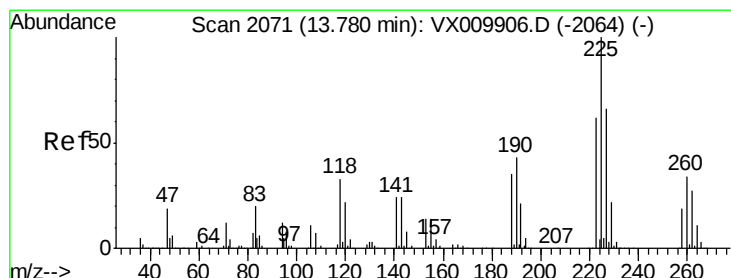
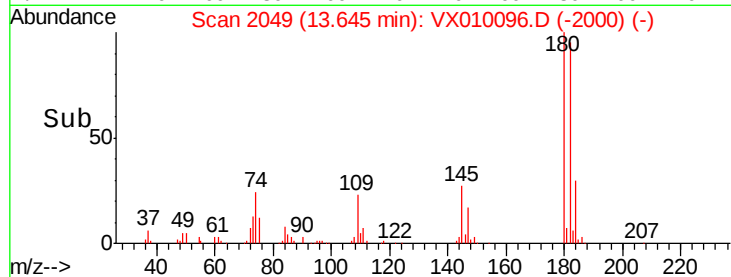
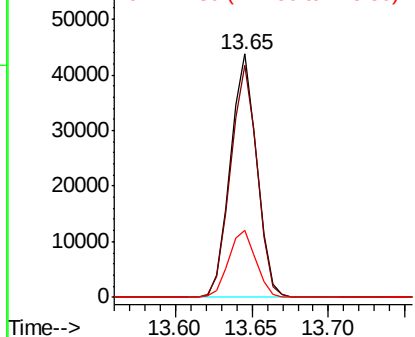
#93
 1,2,4-Trichlorobenzene
 Concen: 20.118 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 52312
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.4 142.2
 145 28.5 14.5 43.5

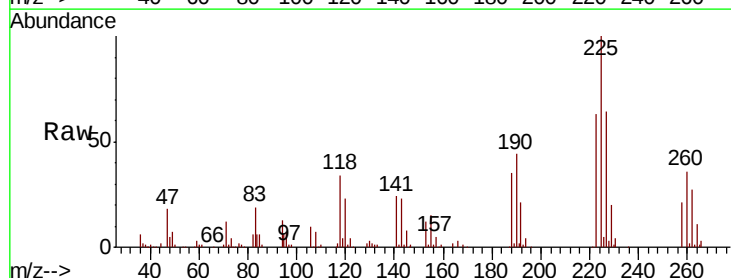


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

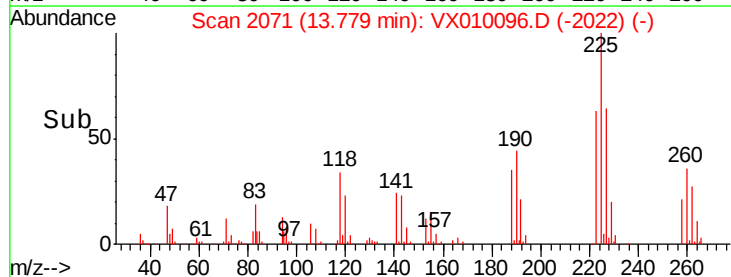
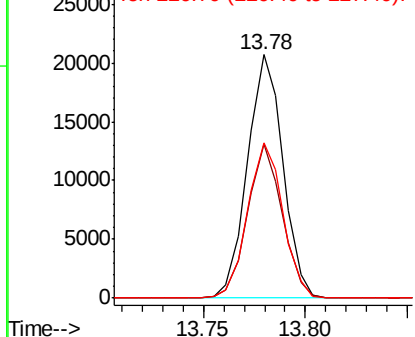


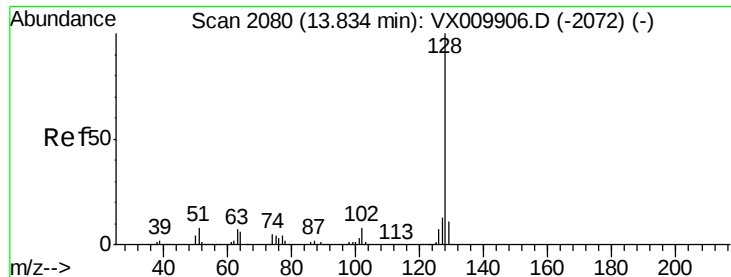
#94
 Hexachlorobutadiene
 Concen: 19.197 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion:225 Resp: 25037
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.8
 227 63.7 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

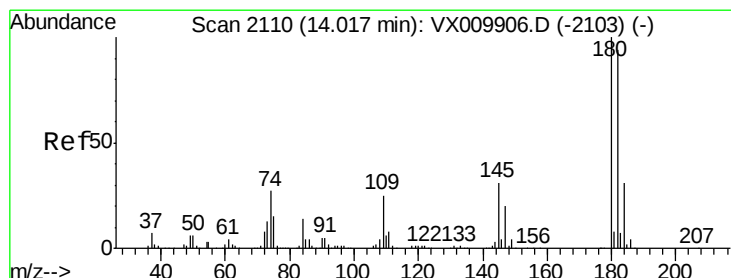
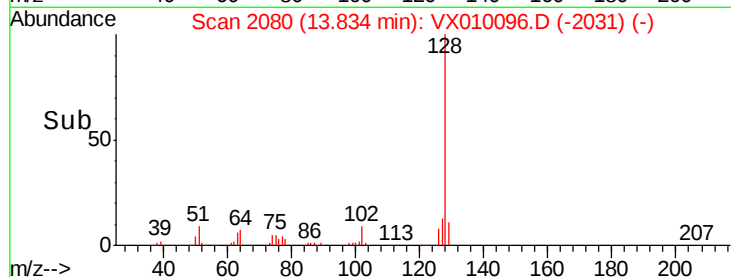
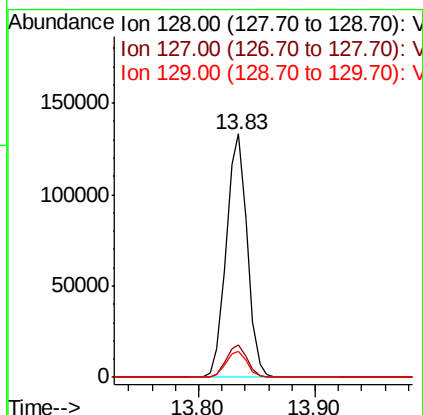
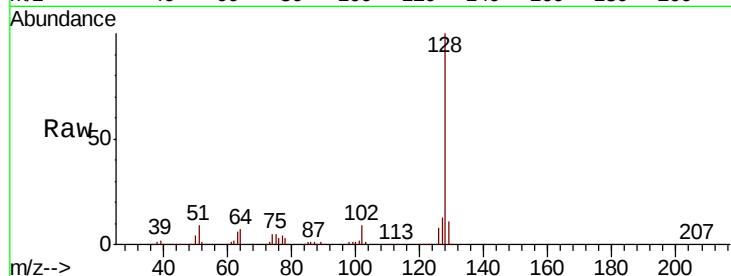




#95
Naphthalene
Concen: 20.508 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 165946
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.034 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion:180 Resp: 52145
Ion Ratio Lower Upper
180 100
182 96.7 47.3 142.0
145 31.0 15.6 46.7

