

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008607.D
 Acq On : 03 Apr 2019 10:19
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 04 04:09:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149366	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	65481	20.26	ug/l	0.00
Spiked Amount			Recovery	=	40.52%	
35) Dibromofluoromethane	5.50	113	48548	20.14	ug/l	0.00
Spiked Amount			Recovery	=	40.28%	
50) Toluene-d8	8.71	98	196278	20.45	ug/l	0.00
Spiked Amount			Recovery	=	40.90%	
62) 4-Bromofluorobenzene	11.13	95	68312	20.07	ug/l	0.00
Spiked Amount			Recovery	=	40.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42759	16.761	ug/l	99
3) Chloromethane	1.33	50	58353	16.557	ug/l	98
4) Vinyl Chloride	1.41	62	57801	16.761	ug/l	100
5) Bromomethane	1.64	94	24752	13.458	ug/l	100
6) Chloroethane	1.72	64	37012	15.274	ug/l	100
7) Trichlorofluoromethane	1.93	101	63383	16.627	ug/l	99
8) Diethyl Ether	2.19	74	30385	16.808	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41667	16.977	ug/l	100
10) Methyl Iodide	2.51	142	32969	16.296	ug/l	99
11) Tert butyl alcohol	3.04	59	65614	86.703	ug/l	99
12) 1,1-Dichloroethene	2.37	96	42458	16.571	ug/l	99
13) Acrolein	2.29	56	30576	81.483	ug/l	99
14) Allyl chloride	2.73	41	97571	16.635	ug/l	100
15) Acrylonitrile	3.14	53	168611	84.104	ug/l	100
16) Acetone	2.45	43	173039	92.941	ug/l	99
17) Carbon Disulfide	2.57	76	128075	15.563	ug/l	100
18) Methyl Acetate	2.78	43	72367	16.027	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	155580	17.003	ug/l	98
20) Methylene Chloride	2.86	84	50809	16.303	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	45503	16.419	ug/l	95
22) Diisopropyl ether	3.86	45	192349	17.015	ug/l	100
23) Vinyl Acetate	3.82	43	845591	85.981	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94647	16.910	ug/l	99
25) 2-Butanone	4.68	43	258316	87.783	ug/l	99
26) 2,2-Dichloropropane	4.59	77	65406	16.591	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	52440	16.458	ug/l	99
28) Bromochloromethane	5.02	49	49651	18.690	ug/l	98
29) Tetrahydrofuran	5.13	42	163585	83.756	ug/l	99
30) Chloroform	5.21	83	84626	16.928	ug/l	100
31) Cyclohexane	5.58	56	91660	16.412	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	68087	16.854	ug/l	99
36) 1,1-Dichloropropene	5.80	75	65948	16.003	ug/l	99
37) Ethyl Acetate	4.84	43	90731	16.495	ug/l	99
38) Carbon Tetrachloride	5.78	117	55992	16.416	ug/l	95

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 VSTDIC020

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82293	16.165	ug/l	98
40) Benzene	6.14	78	204526	16.659	ug/l	100
41) Methacrylonitrile	5.04	41	51647	16.335	ug/l	99
42) 1,2-Dichloroethane	6.19	62	72644	16.505	ug/l	99
43) Isopropyl Acetate	6.45	43	142333	16.518	ug/l	99
44) Trichloroethene	7.21	130	46146	16.139	ug/l	96
45) 1,2-Dichloropropane	7.51	63	57233	16.333	ug/l	99
46) Dibromomethane	7.66	93	33028	16.251	ug/l	98
47) Bromodichloromethane	7.90	83	63837	16.659	ug/l	100
48) Methyl methacrylate	7.77	41	71602	16.427	ug/l	98
49) 1,4-Dioxane	7.74	88	28175	345.061	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	482927	87.062	ug/l	100
52) Toluene	8.78	92	121223	16.749	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70686	16.468	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	80928	16.500	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49021	16.873	ug/l	99
56) Ethyl methacrylate	9.18	69	89313	16.990	ug/l	100
57) 1,3-Dichloropropane	9.37	76	86952	16.667	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	258294	96.229	ug/l	100
59) 2-Hexanone	9.49	43	380062	88.166	ug/l	100
60) Dibromochloromethane	9.58	129	45918	16.772	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50020	16.538	ug/l	99
64) Tetrachloroethene	9.34	164	40416	16.413	ug/l	95
65) Chlorobenzene	10.14	112	121343	16.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42126	16.298	ug/l	99
67) Ethyl Benzene	10.25	91	227670	16.572	ug/l	100
68) m/p-Xylenes	10.36	106	164094	33.220	ug/l	100
69) o-Xylene	10.69	106	79574	16.623	ug/l	100
70) Styrene	10.71	104	138799	16.821	ug/l	99
71) Bromoform	10.85	173	32087	16.254	ug/l #	98
73) Isopropylbenzene	11.02	105	212883	17.198	ug/l	100
74) N-amyl acetate	10.90	43	124016	17.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	80606	17.122	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	91781	20.785	ug/l	81
77) Bromobenzene	11.26	156	50830	17.081	ug/l	99
78) n-propylbenzene	11.36	91	248411	17.235	ug/l	99
79) 2-Chlorotoluene	11.42	91	147688	16.933	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	178823	17.210	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24324	16.341	ug/l	92
82) 4-Chlorotoluene	11.51	91	168792	16.718	ug/l	99
83) tert-Butylbenzene	11.77	119	166415	16.647	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180239	17.131	ug/l	100
85) sec-Butylbenzene	11.94	105	203782	17.162	ug/l	100
86) p-Isopropyltoluene	12.06	119	182808	17.153	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	87398	16.406	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	87893	16.293	ug/l	99
89) n-Butylbenzene	12.38	91	170047	17.014	ug/l	100
90) Hexachloroethane	12.60	117	29203	16.521	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	88243	16.683	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17219	16.627	ug/l	99

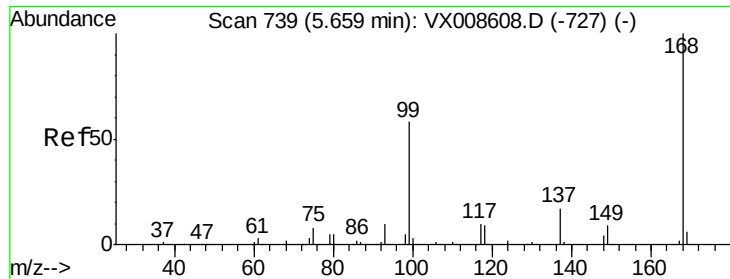
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:04:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60799	16.532	ug/l	99
94) Hexachlorobutadiene	13.78	225	29231	16.573	ug/l	99
95) Naphthalene	13.83	128	207168	16.855	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	60982	16.596	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

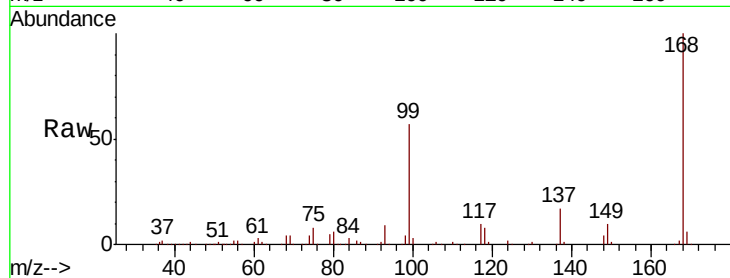
VSTDIC020

Tot Ion:168 Resp: 221622

Ion Ratio Lower Upper

168 100

99 56.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VX008608.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX008608.D (-727) (-)

5.67

80000

60000

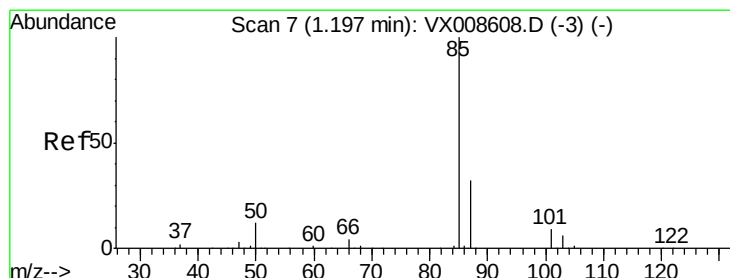
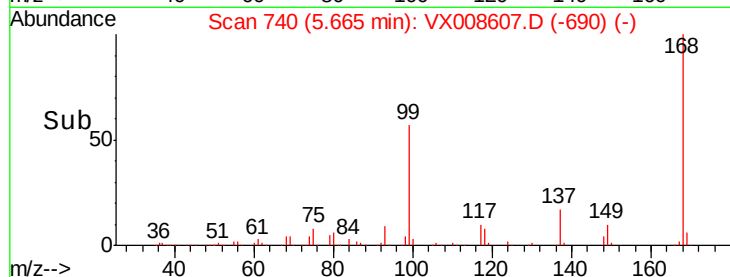
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.761 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008607.D

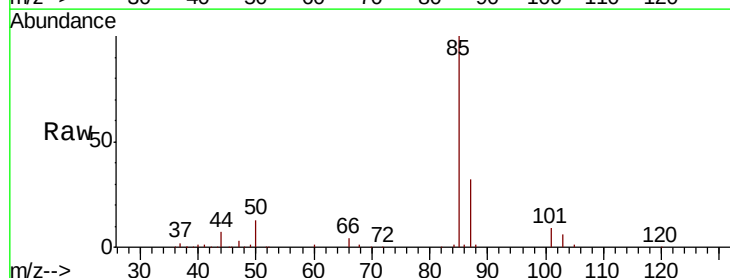
Acq: 03 Apr 2019 10:19

Tgt Ion: 85 Resp: 42759

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX008608.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX008608.D (-3) (-)

1.20

40000

30000

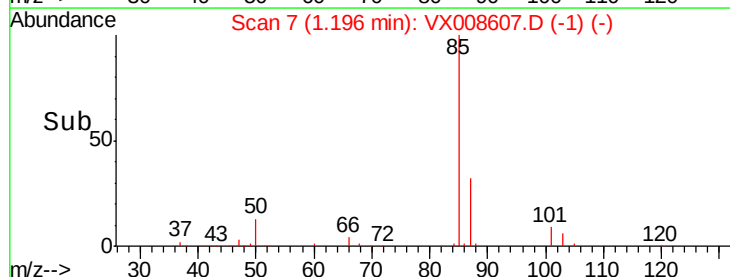
20000

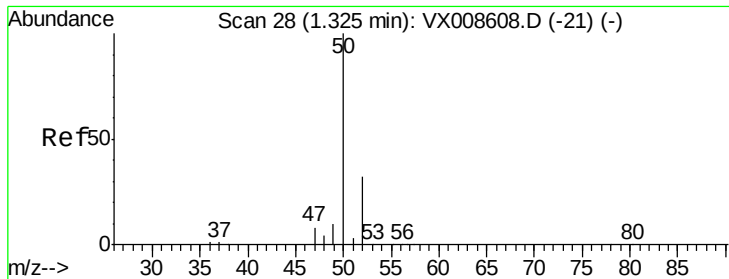
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.557 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampled :

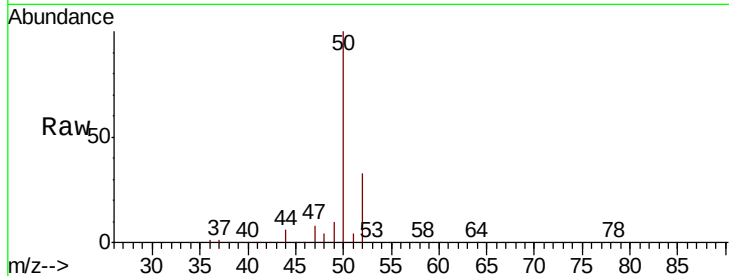
VSTDIC020

Tot Ion: 50 Resp: 58353

Ion Ratio Lower Upper

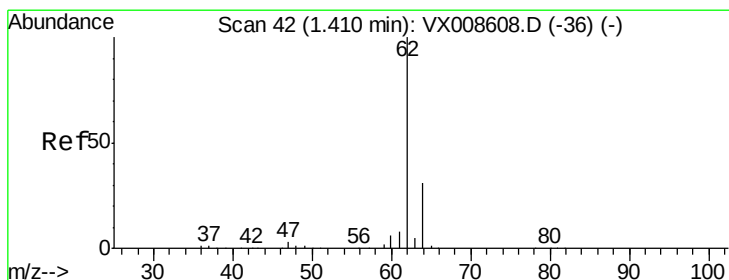
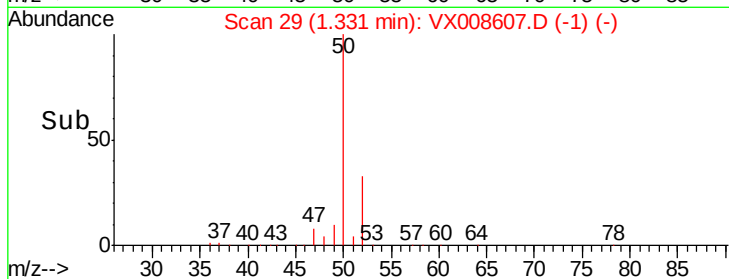
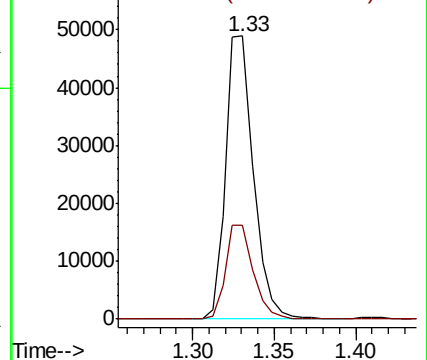
50 100

52 33.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.761 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008607.D

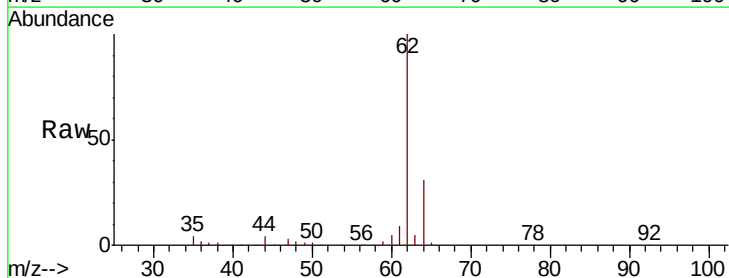
Acq: 03 Apr 2019 10:19

Tgt Ion: 62 Resp: 57801

Ion Ratio Lower Upper

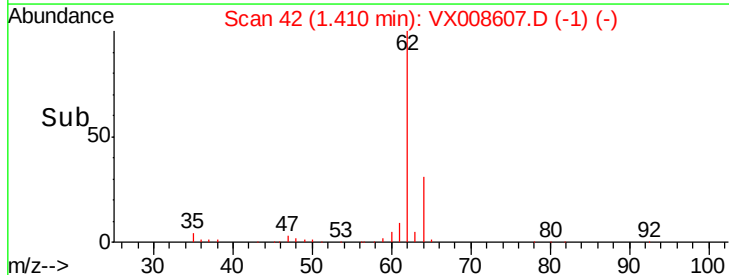
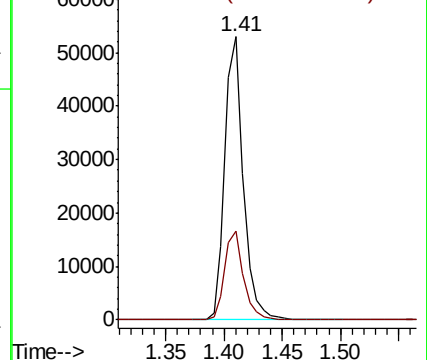
62 100

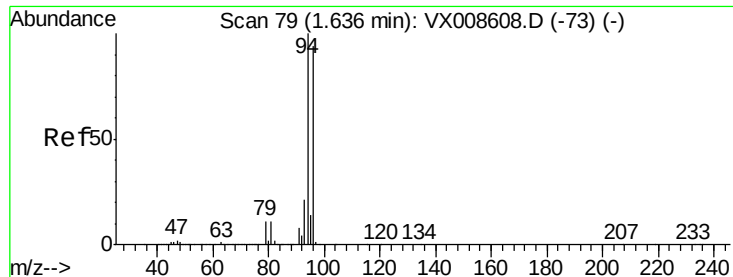
64 31.1 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.458 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampled :

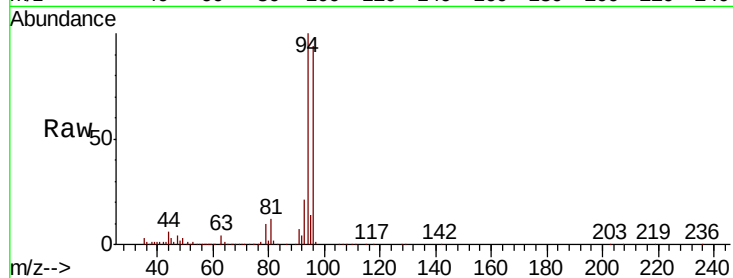
VSTDIC020

Tot Ion: 94 Resp: 24752

Ion Ratio Lower Upper

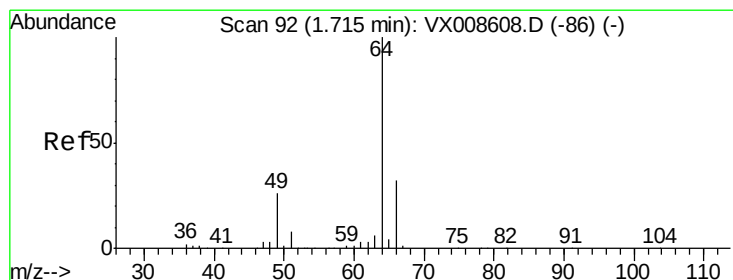
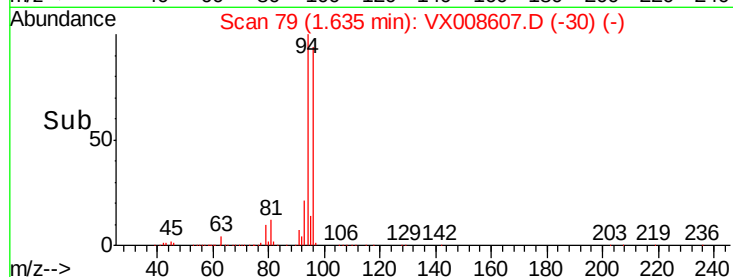
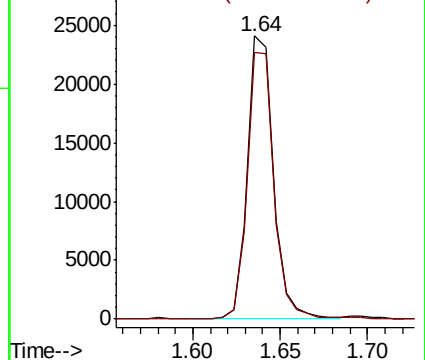
94 100

96 94.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 15.274 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008607.D

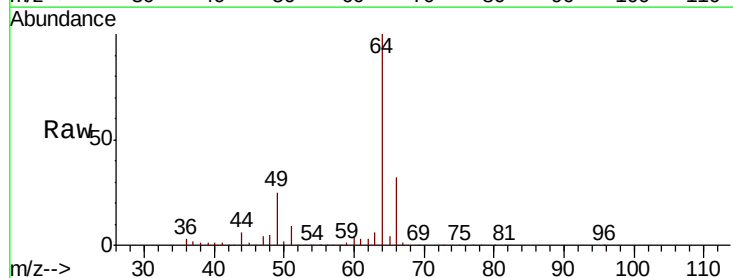
Acq: 03 Apr 2019 10:19

Tgt Ion: 64 Resp: 37012

Ion Ratio Lower Upper

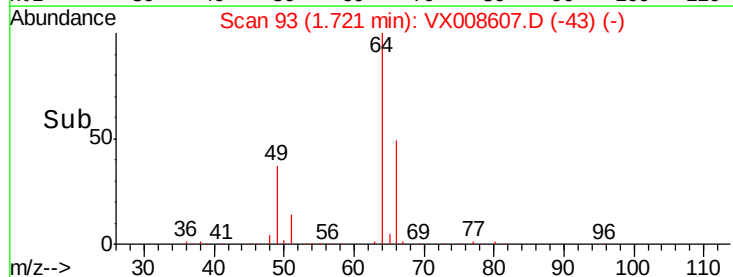
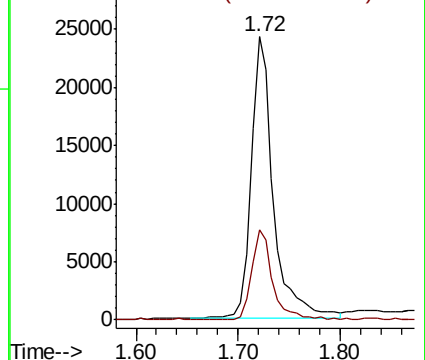
64 100

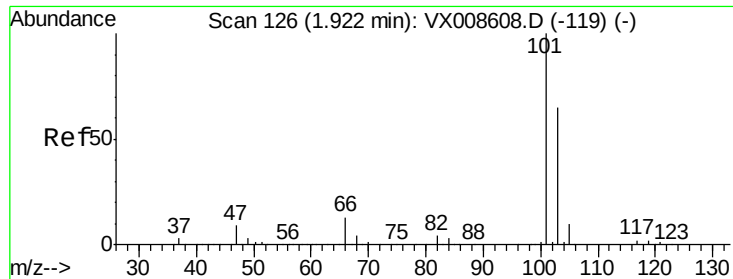
66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



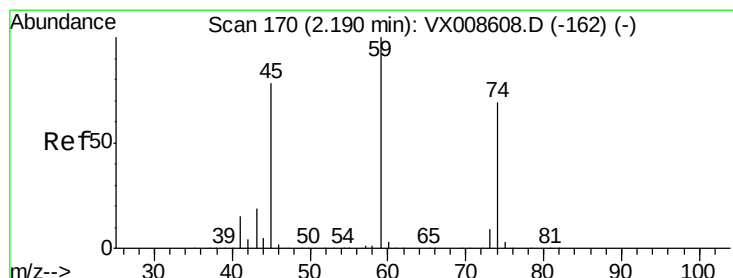
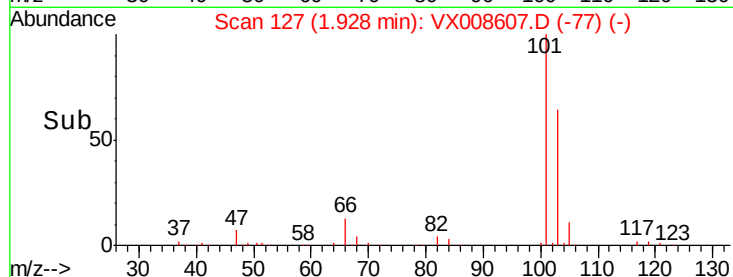
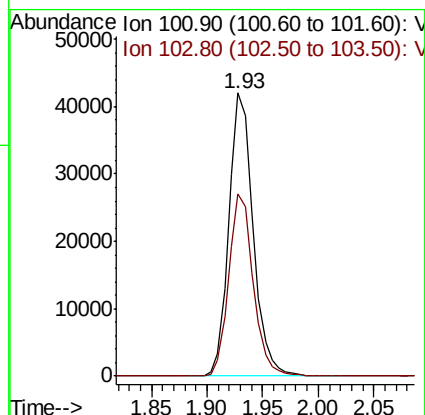
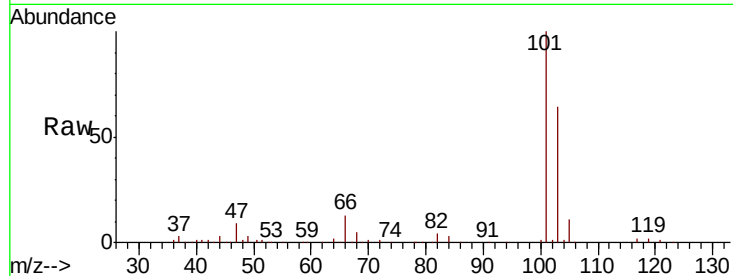


#7

Trichlorofluoromethane
 Concen: 16.627 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

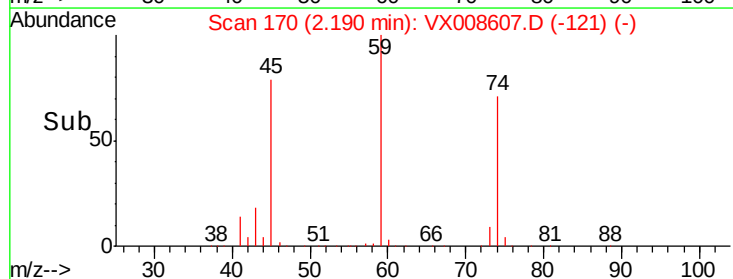
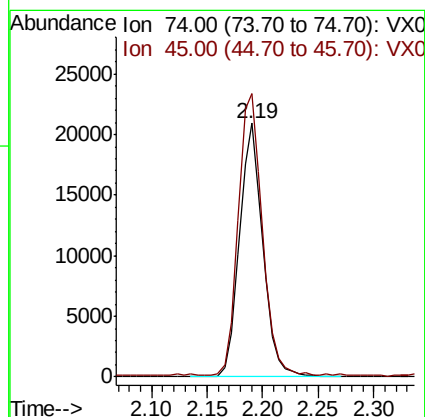
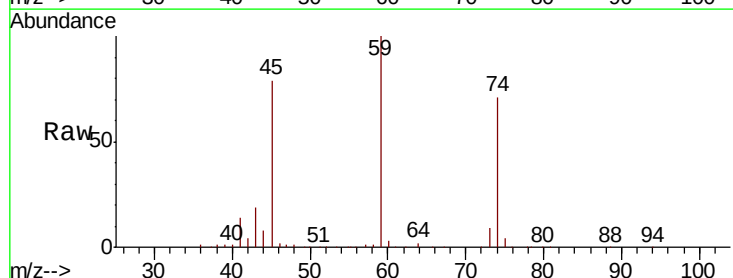
Tot Ion:101 Resp: 63383
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5

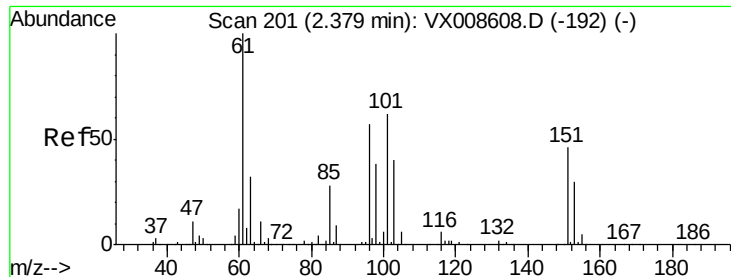


#8

Diethyl Ether
 Concen: 16.808 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Tgt Ion: 74 Resp: 30385
 Ion Ratio Lower Upper
 74 100
 45 114.4 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.977 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

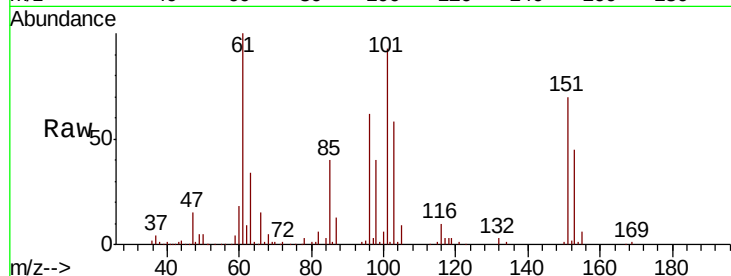
Tot Ion:101 Resp: 41667

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

151 75.1 59.9 89.9

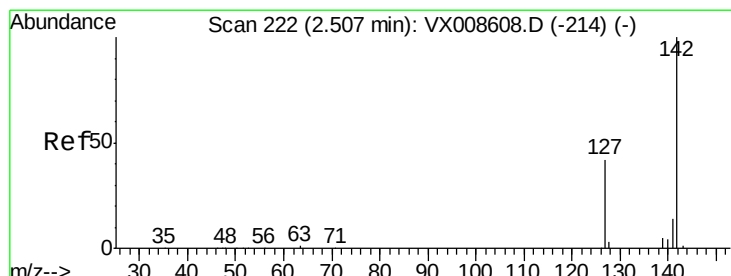
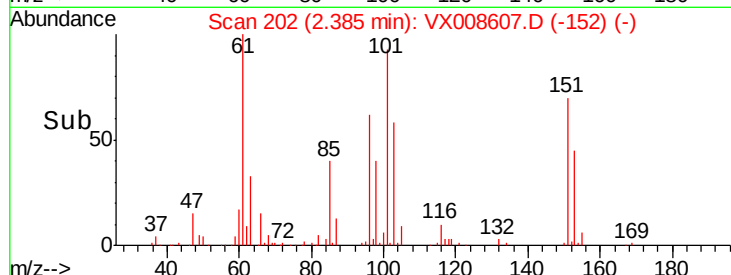
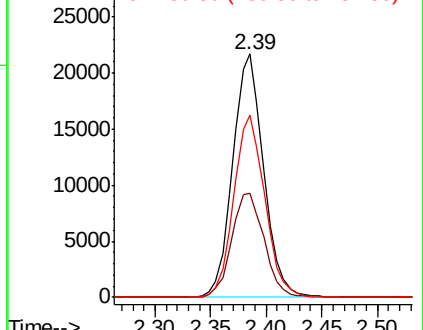


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.296 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

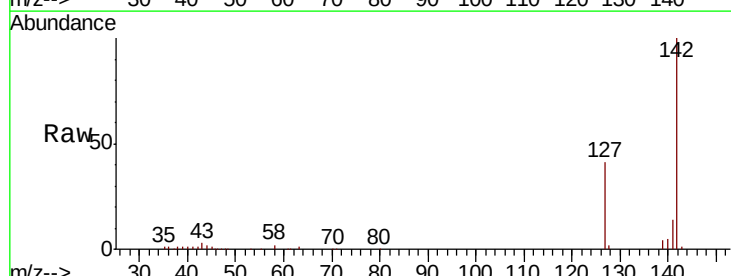
Tgt Ion:142 Resp: 32969

Ion Ratio Lower Upper

142 100

127 41.7 33.0 49.6

141 14.3 11.4 17.2

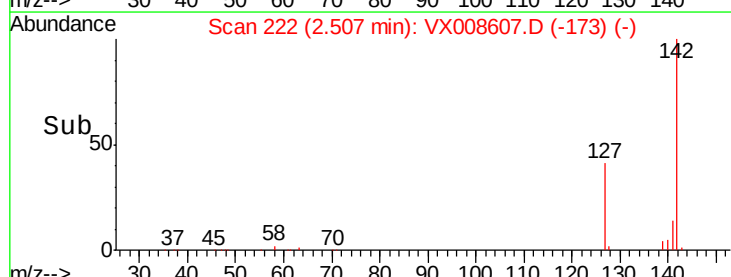
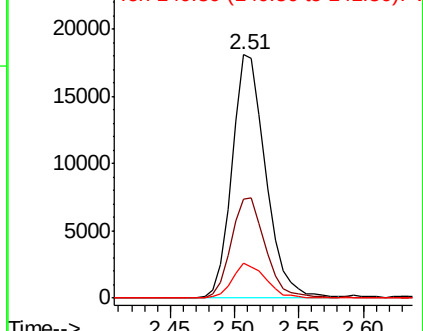


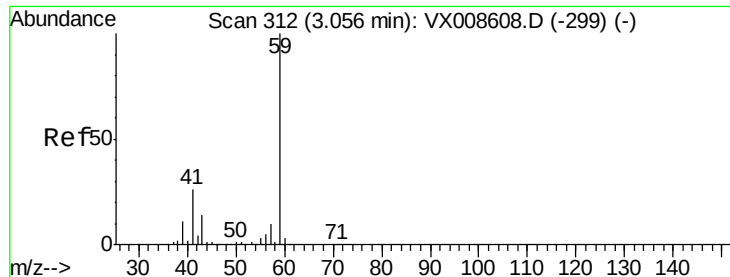
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

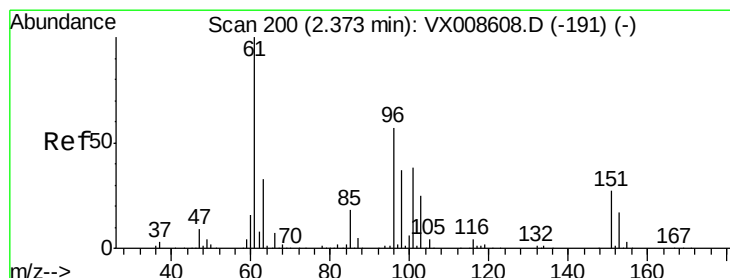
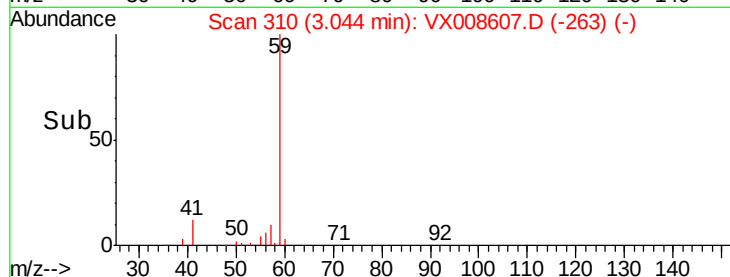
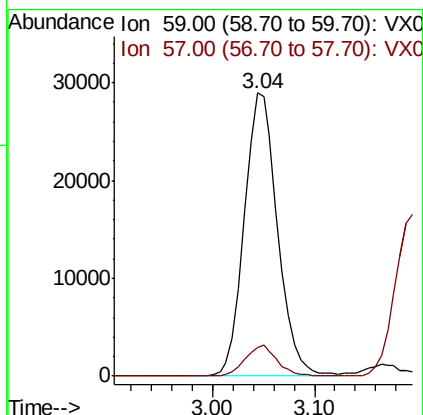
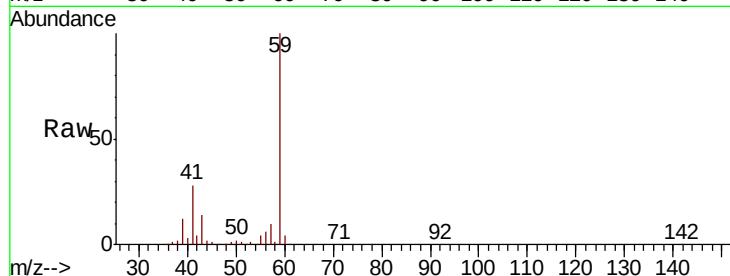




#11
Tert butyl alcohol
Concen: 86.703 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

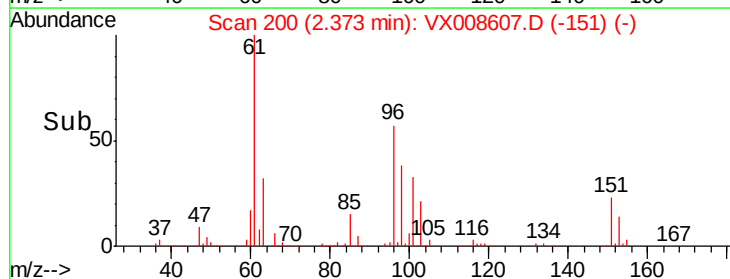
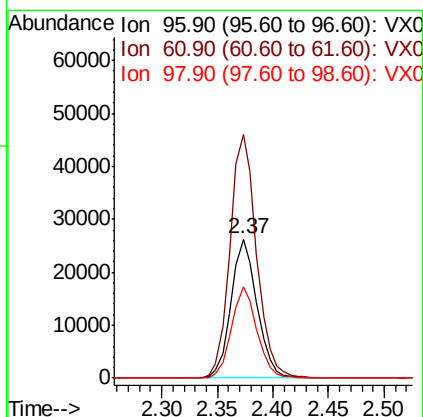
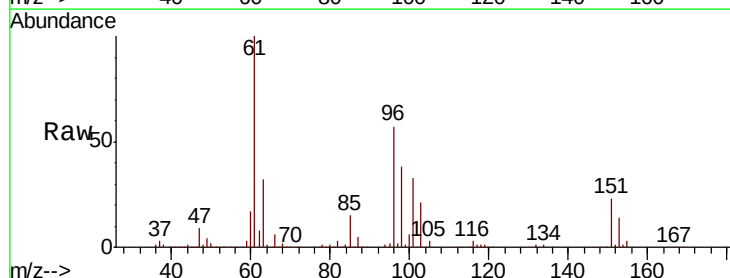
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

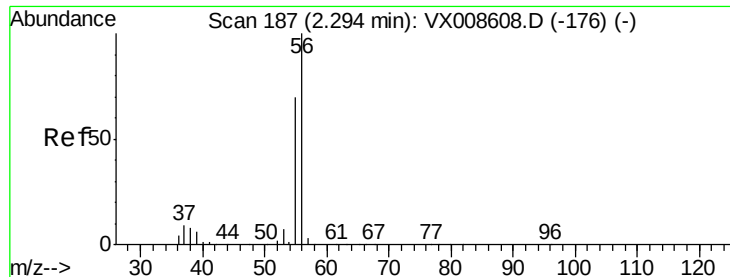
Tot Ion: 59 Resp: 65614
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 16.571 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion: 96 Resp: 42458
Ion Ratio Lower Upper
96 100
61 174.8 140.9 211.3
98 65.9 52.1 78.1





#13

Acrolein

Concen: 81.483 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

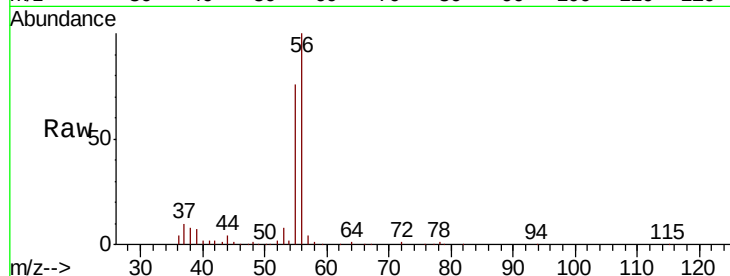
VSTDIC020

Tot Ion: 56 Resp: 30576

Ion Ratio Lower Upper

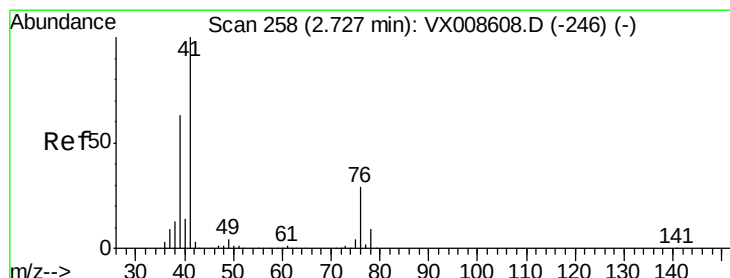
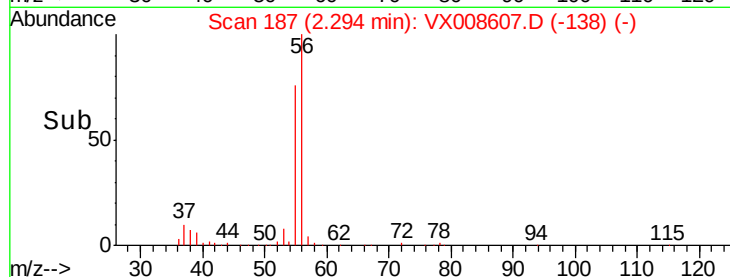
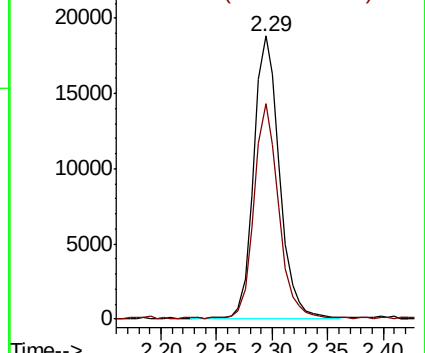
56 100

55 71.5 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 16.635 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

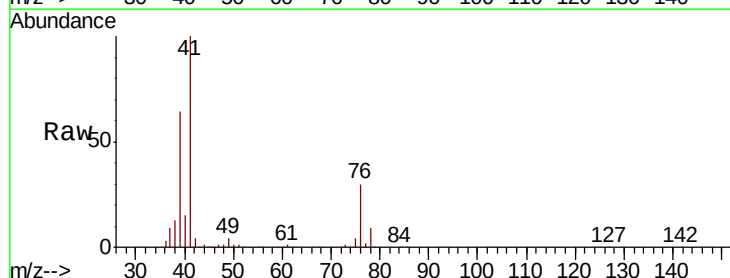
Tgt Ion: 41 Resp: 97571

Ion Ratio Lower Upper

41 100

39 59.8 48.0 72.0

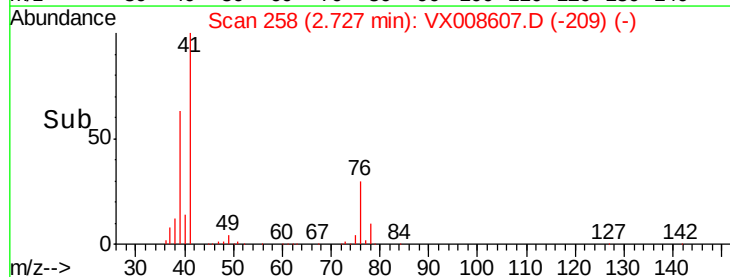
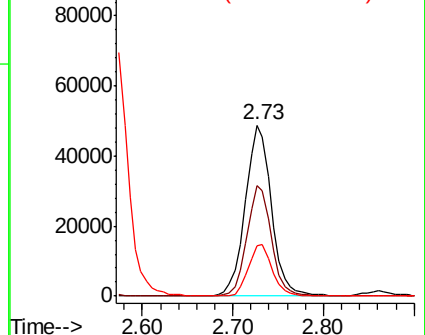
76 27.5 22.0 33.0

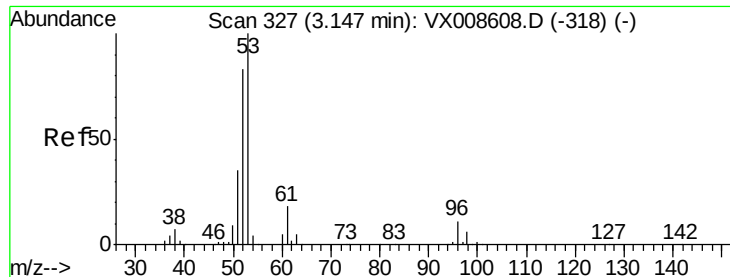


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 84.104 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

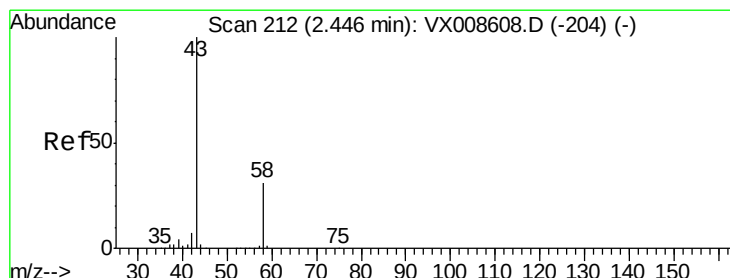
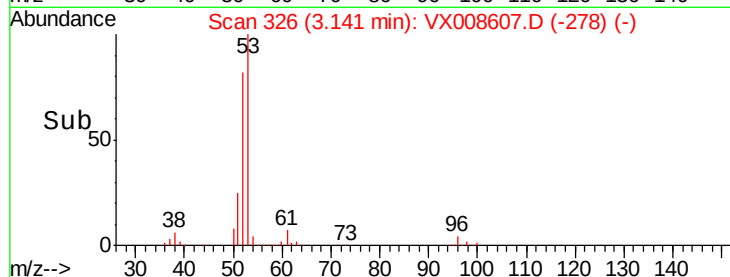
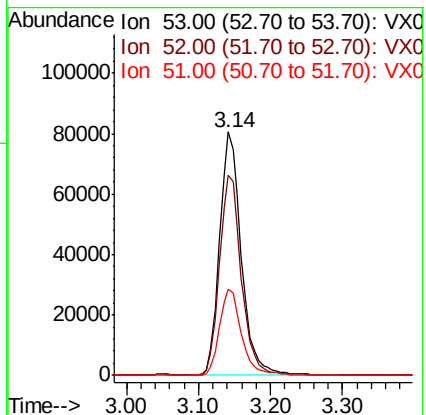
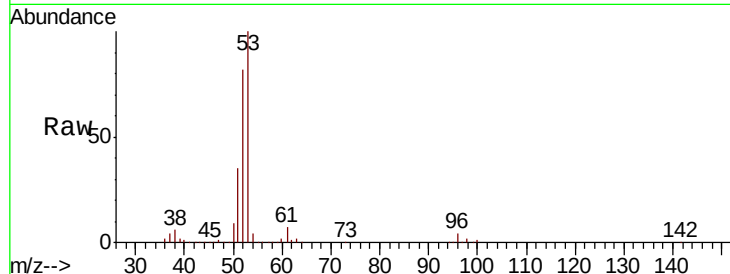
Tot Ion: 53 Resp: 168611

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

51 35.8 28.6 42.8



#16

Acetone

Concen: 92.941 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008607.D

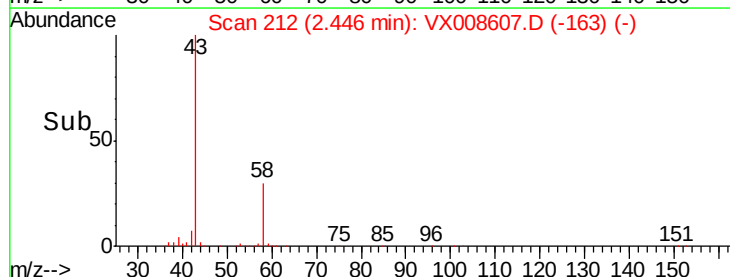
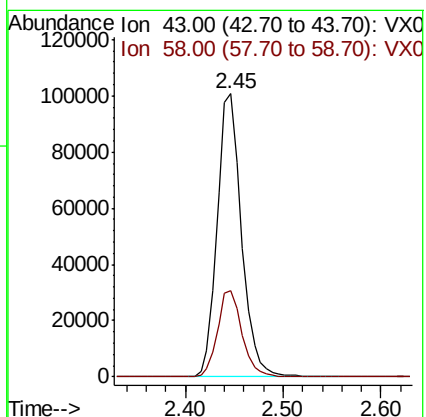
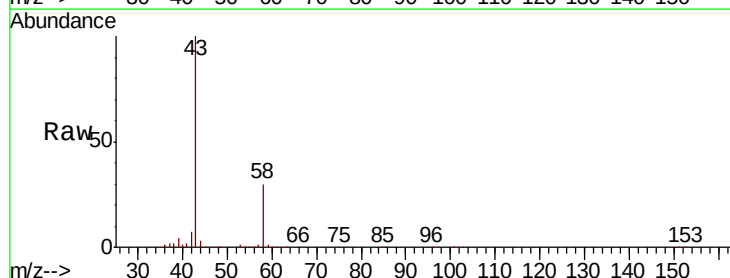
Acq: 03 Apr 2019 10:19

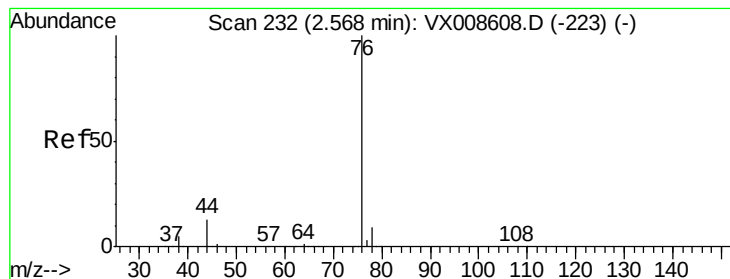
Tgt Ion: 43 Resp: 173039

Ion Ratio Lower Upper

43 100

58 30.5 24.8 37.2





#17

Carbon Disulfide

Concen: 15.563 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

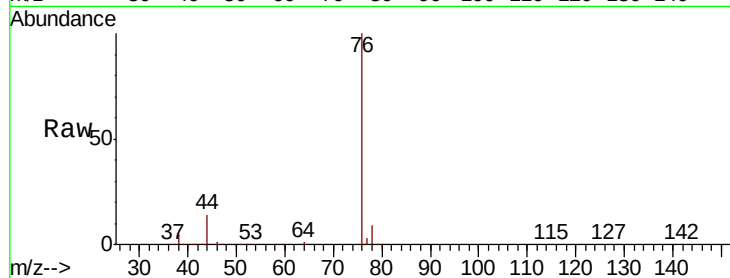
VSTDIC020

Tot Ion: 76 Resp: 128075

Ion Ratio Lower Upper

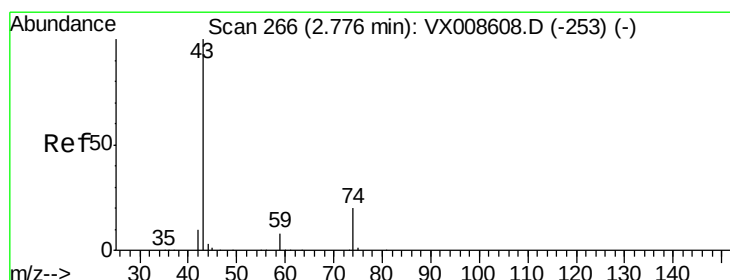
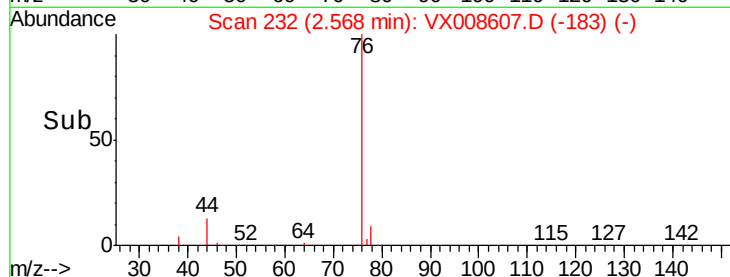
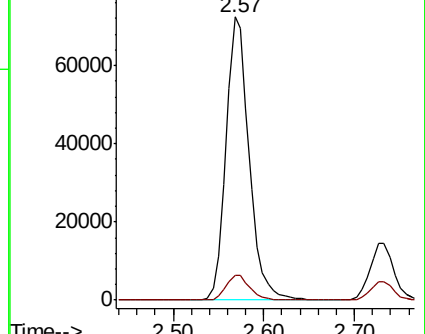
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.027 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008607.D

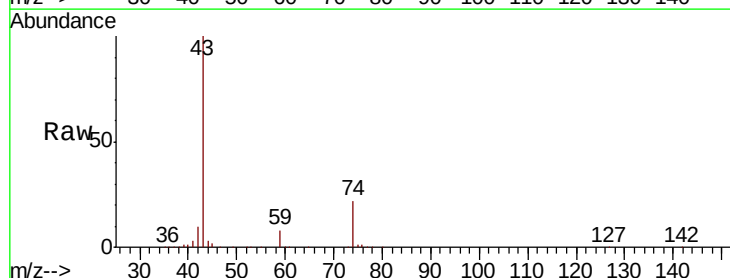
Acq: 03 Apr 2019 10:19

Tgt Ion: 43 Resp: 72367

Ion Ratio Lower Upper

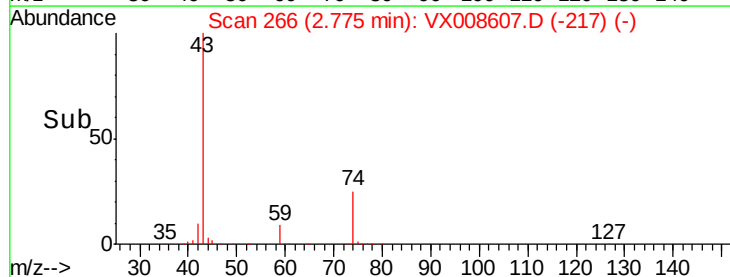
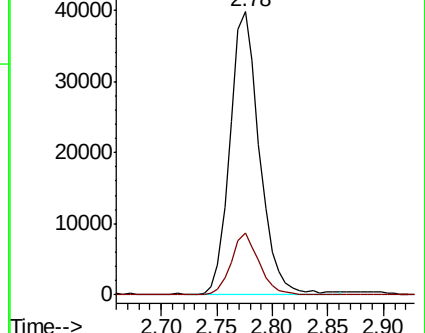
43 100

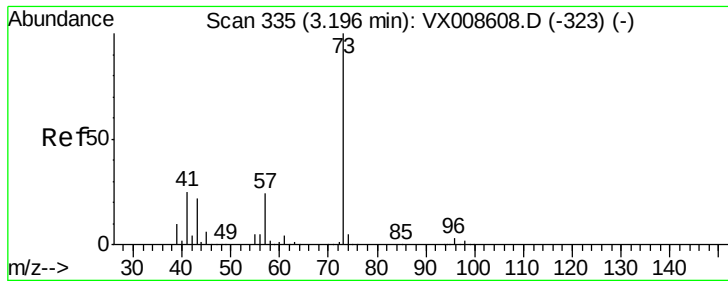
74 21.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

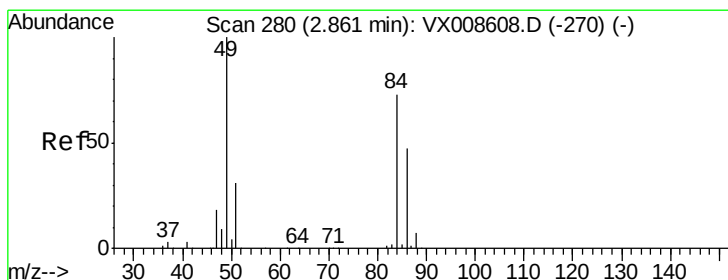
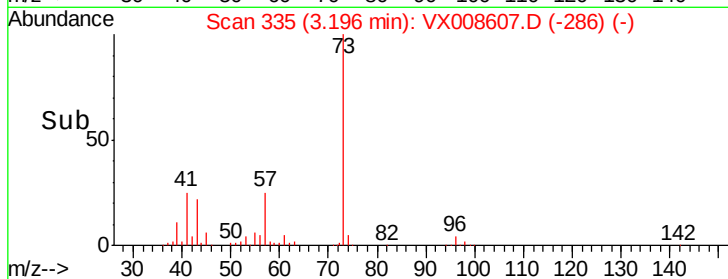
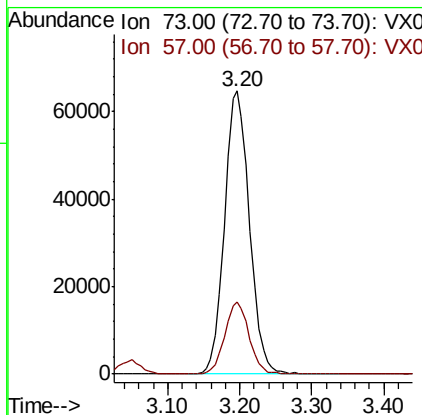
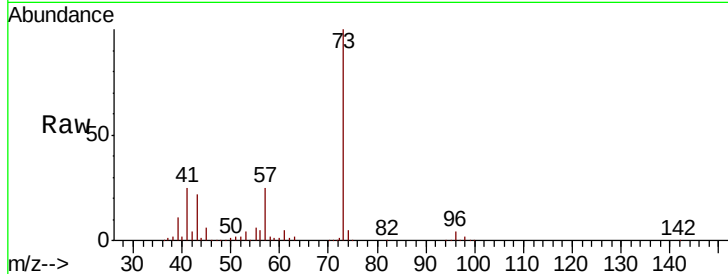




#19
Methyl tert-butyl Ether
Concen: 17.003 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

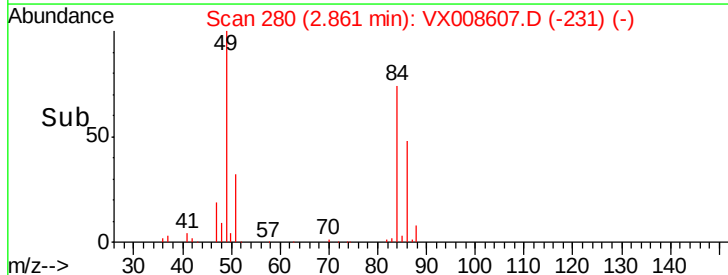
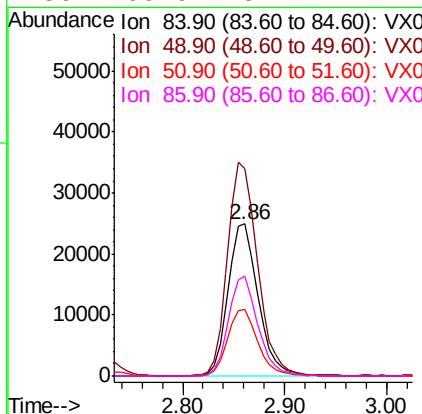
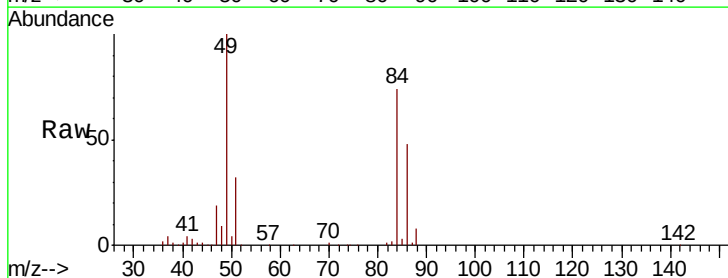
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

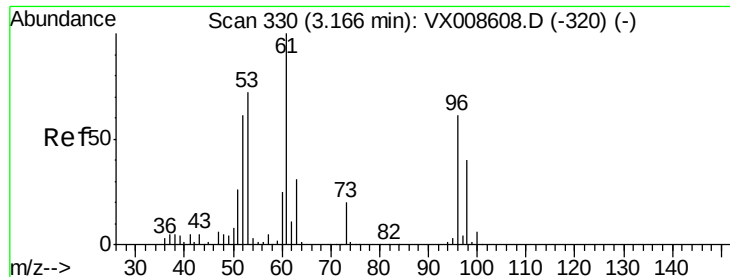
Tot Ion: 73 Resp: 155580
Ion Ratio Lower Upper
73 100
57 25.5 19.5 29.3



#20
Methylene Chloride
Concen: 16.303 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion: 84 Resp: 50809
Ion Ratio Lower Upper
84 100
49 135.8 109.7 164.5
51 44.0 33.6 50.4
86 65.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.419 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

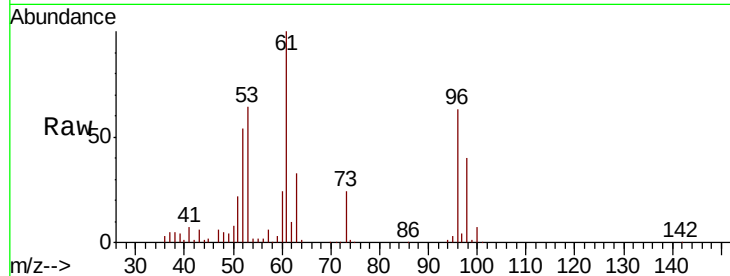
Tot Ion: 96 Resp: 45503

Ion Ratio Lower Upper

96 100

61 157.8 132.1 198.1

98 62.7 52.2 78.2

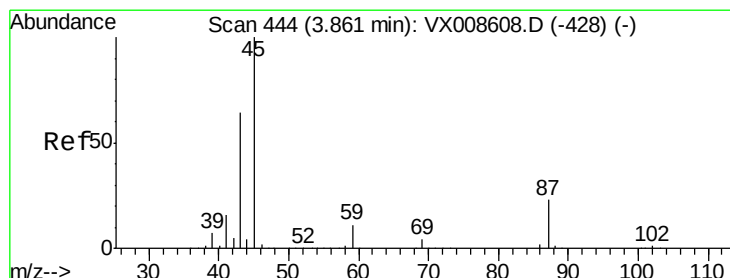
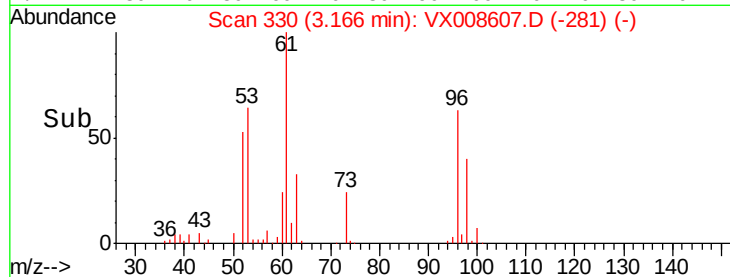
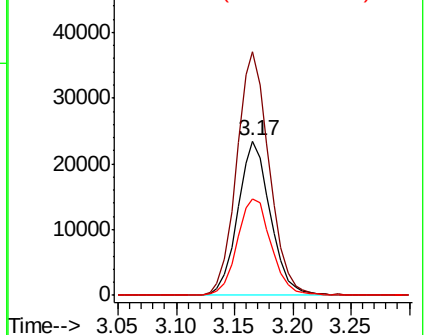


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.015 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Tgt Ion: 45 Resp: 192349

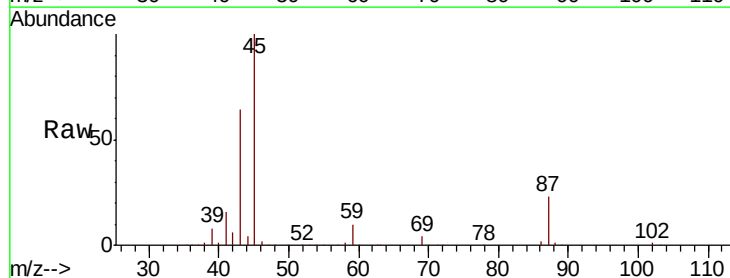
Ion Ratio Lower Upper

45 100

43 64.2 51.3 76.9

87 22.5 18.1 27.1

59 10.2 8.6 13.0



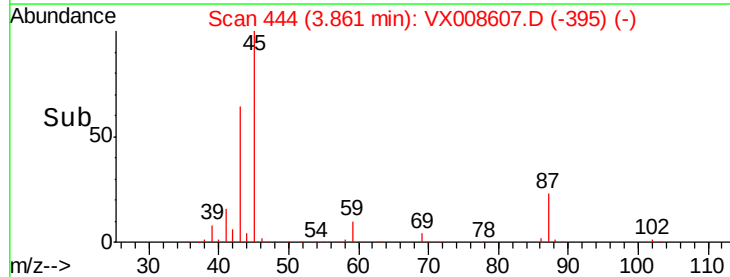
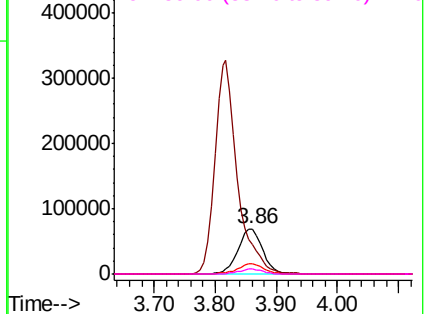
Abundance

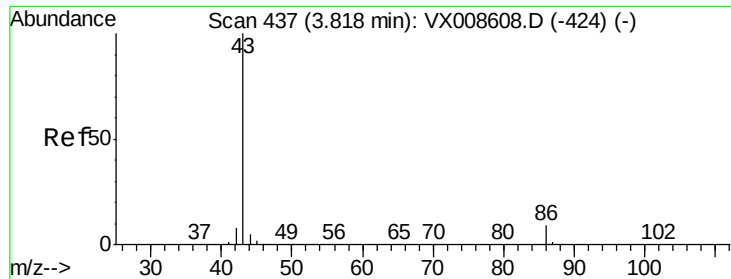
Ion 45.00 (44.70 to 45.70): VX0

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: 85.981 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

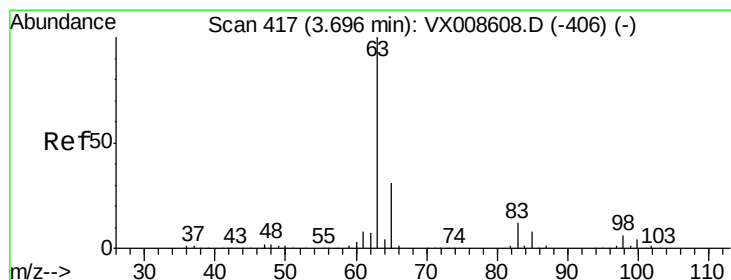
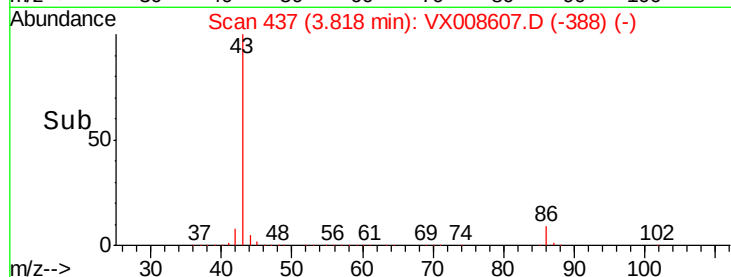
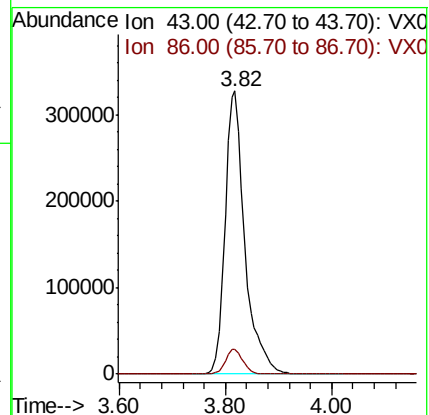
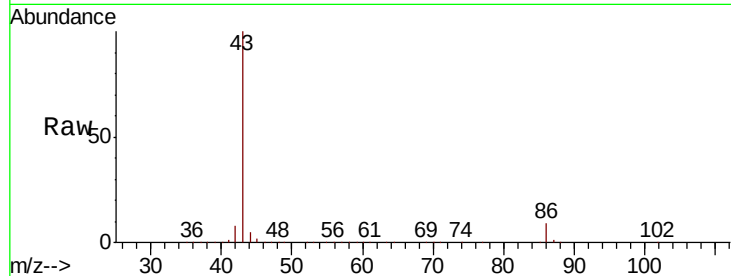
VSTDIC020

Tot Ion: 43 Resp: 845591

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



#24

1,1-Dichloroethane

Concen: 16.910 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

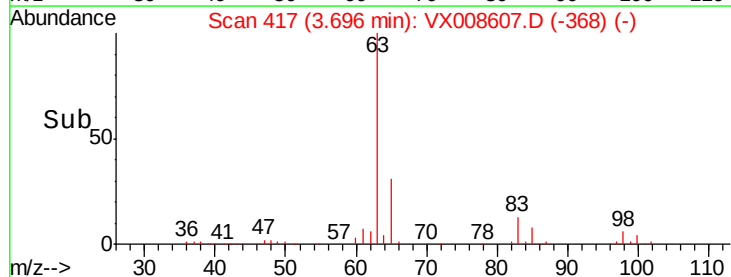
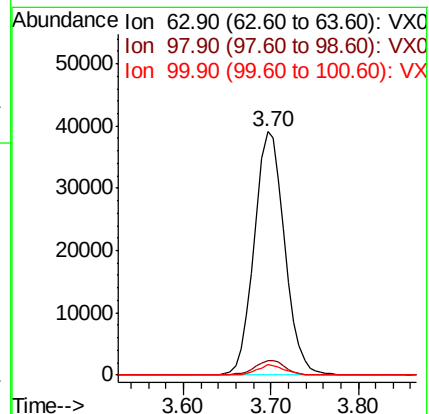
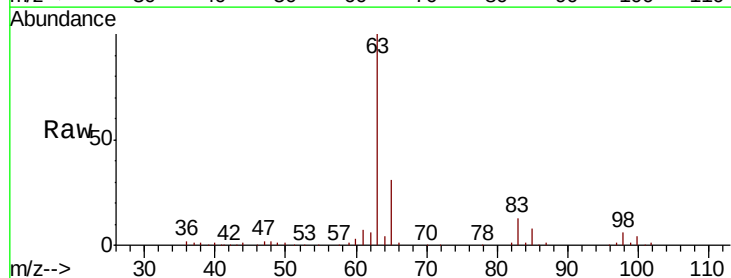
Tgt Ion: 63 Resp: 94647

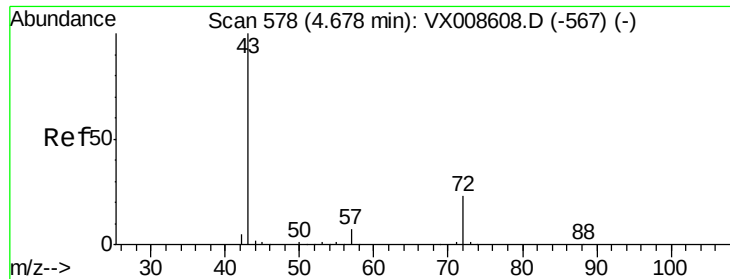
Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.4 1.8 5.5





#25

2-Butanone

Concen: 87.783 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

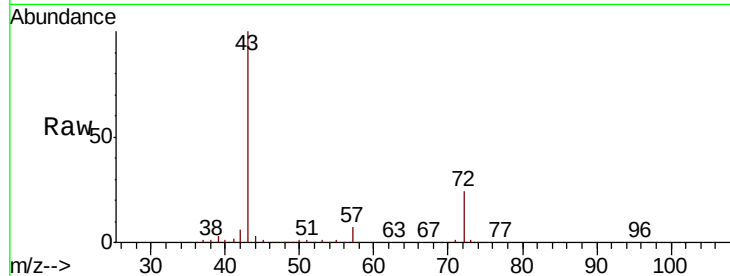
VSTDIC020

Tot Ion: 43 Resp: 258316

Ion Ratio Lower Upper

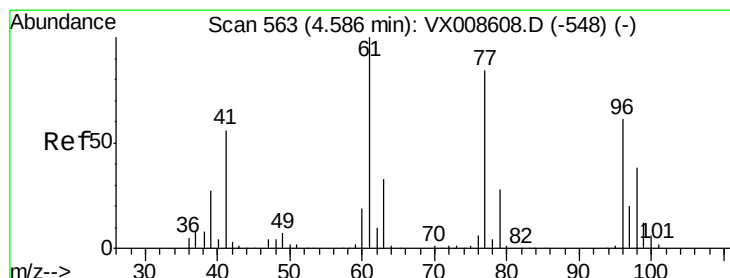
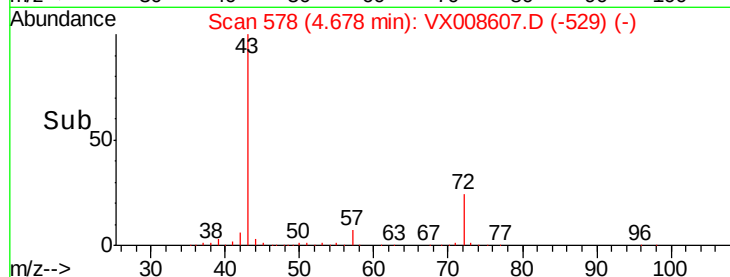
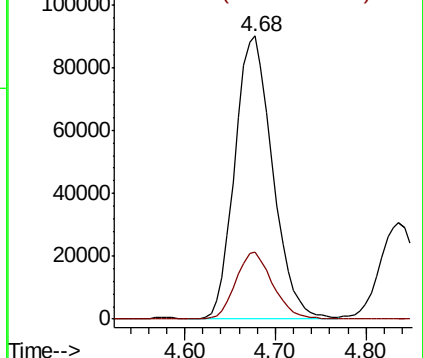
43 100

72 23.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.591 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008607.D

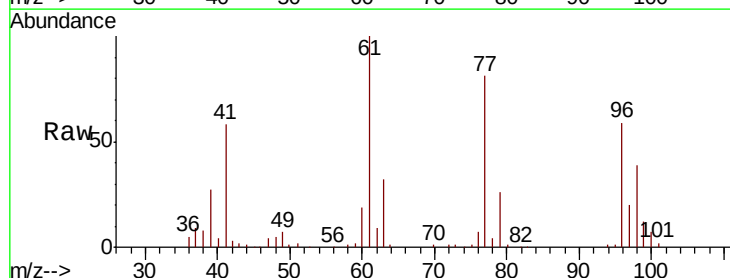
Acq: 03 Apr 2019 10:19

Tgt Ion: 77 Resp: 65406

Ion Ratio Lower Upper

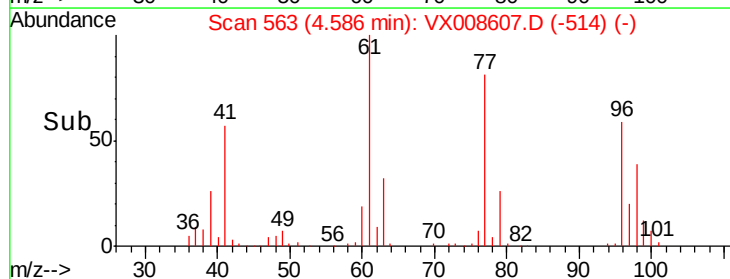
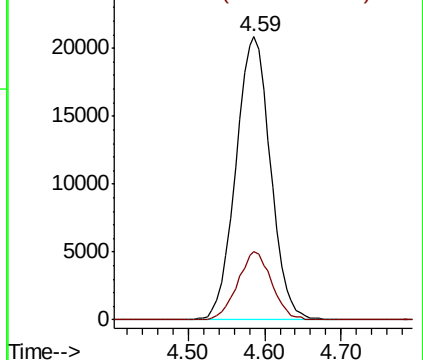
77 100

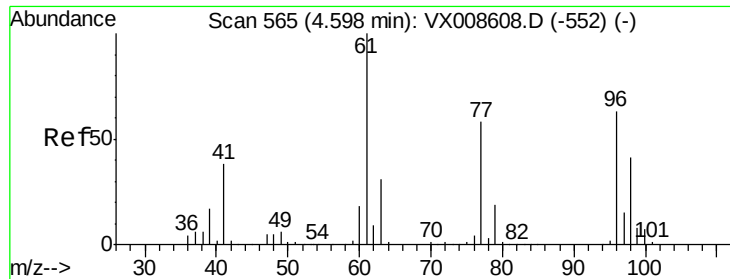
97 23.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



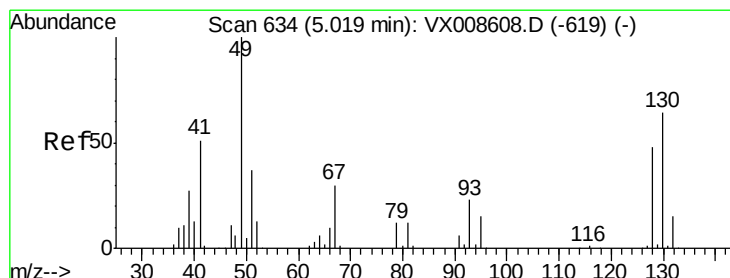
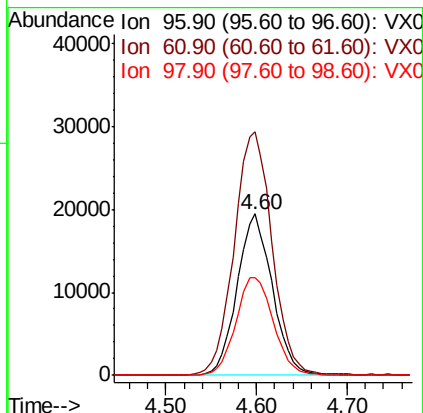
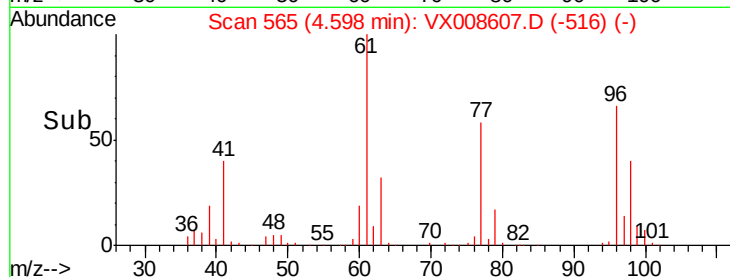
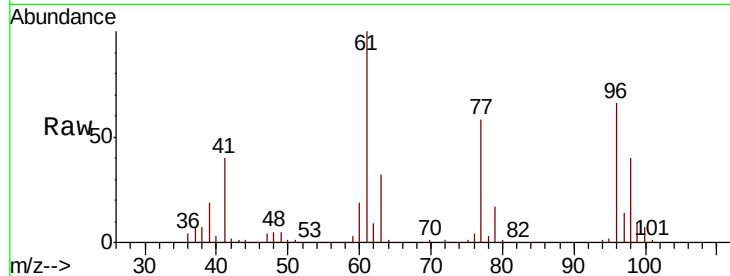


#27

cis-1,2-Dichloroethene
Concen: 16.458 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

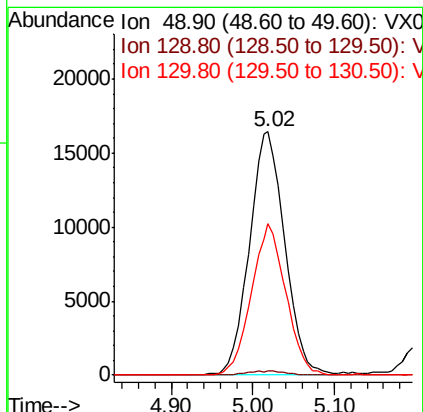
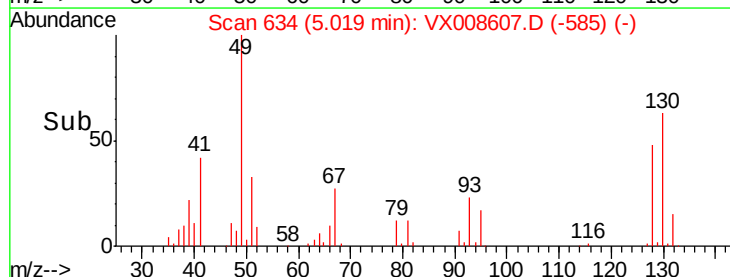
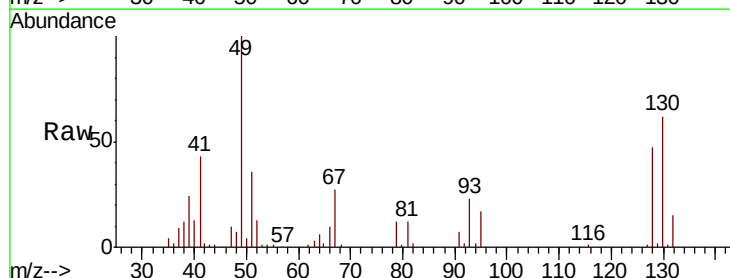
Tot Ion: 96 Resp: 52440
Ion Ratio Lower Upper
96 100
61 162.7 0.0 327.6
98 64.7 0.0 128.6

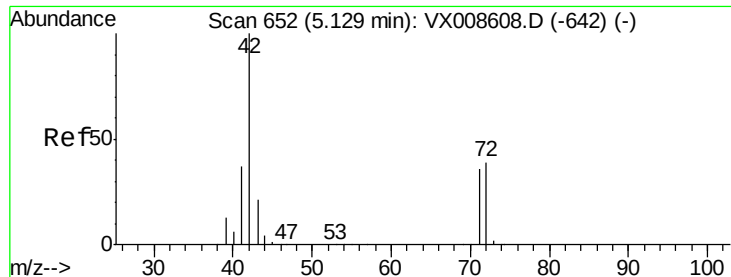


#28

Bromochloromethane
Concen: 18.690 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion: 49 Resp: 49651
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.6
130 60.4 49.3 73.9





#29

Tetrahydrofuran

Concen: 83.756 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

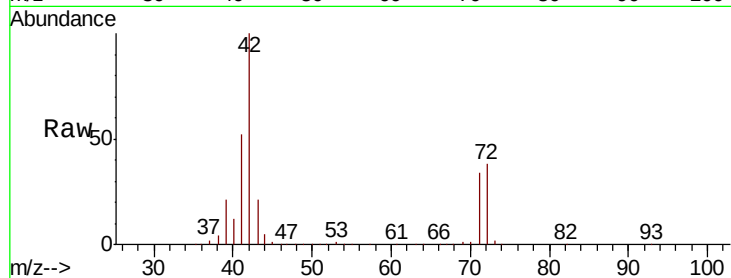
Tot Ion: 42 Resp: 163585

Ion Ratio Lower Upper

42 100

72 38.6 30.5 45.7

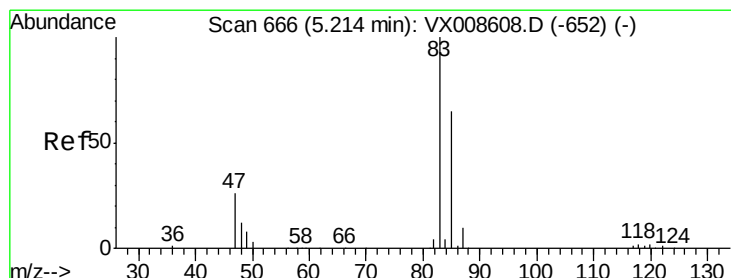
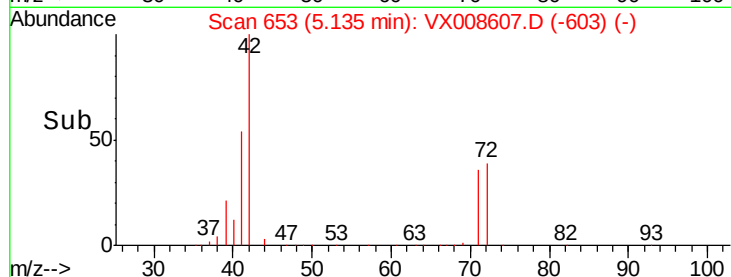
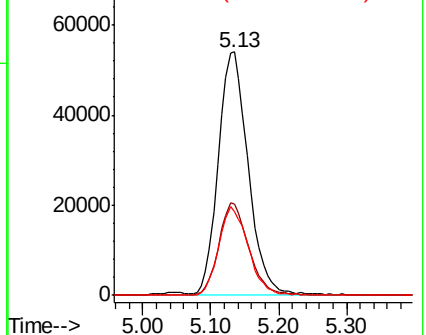
71 36.2 28.6 43.0



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: 16.928 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008607.D

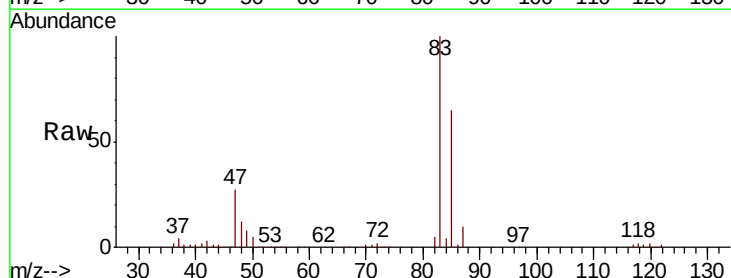
Acq: 03 Apr 2019 10:19

Tgt Ion: 83 Resp: 84626

Ion Ratio Lower Upper

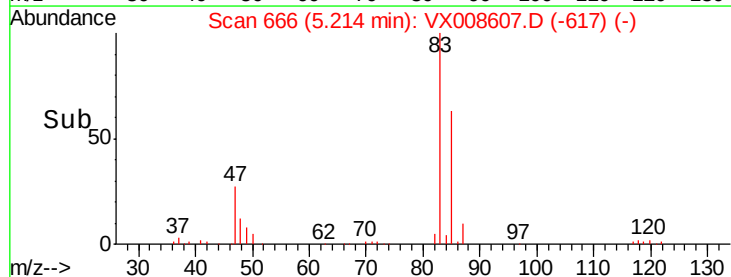
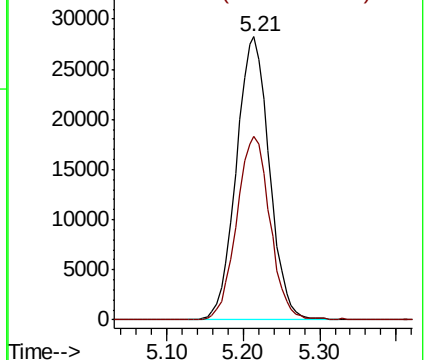
83 100

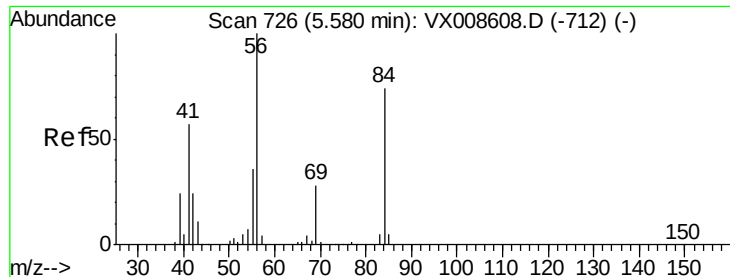
85 64.8 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

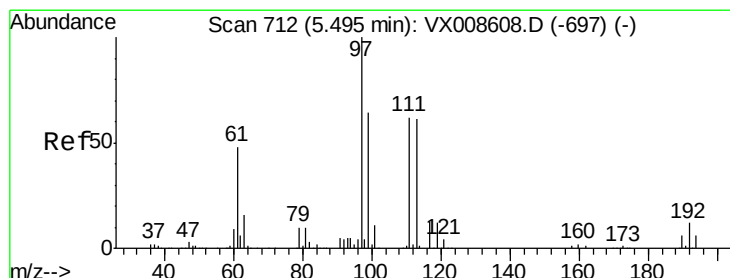
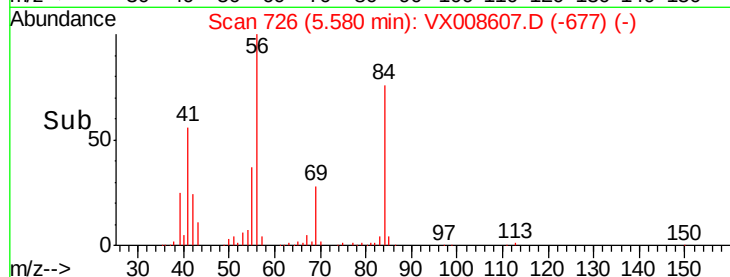
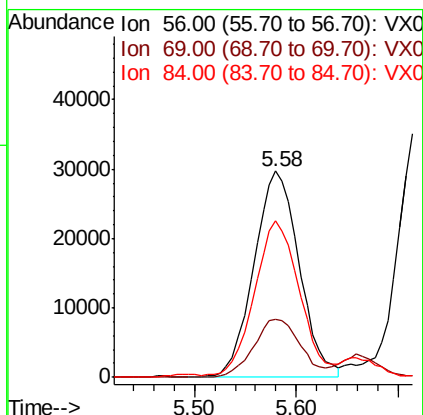
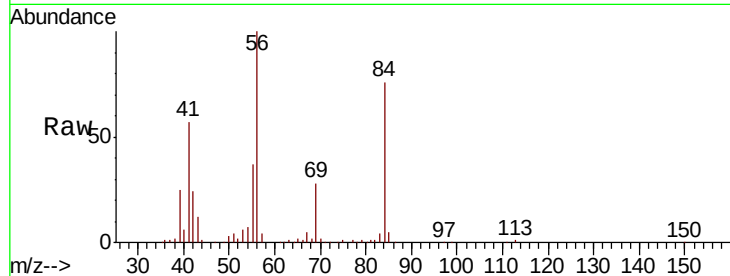




#31
Cyclohexane
Concen: 16.412 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

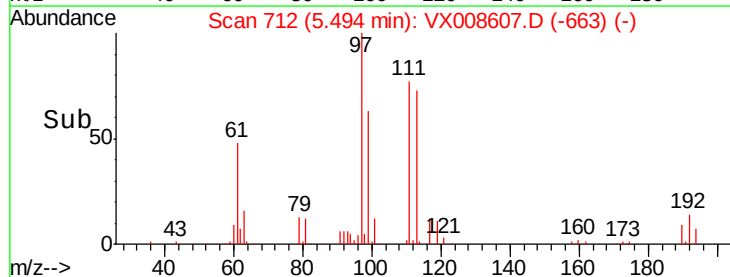
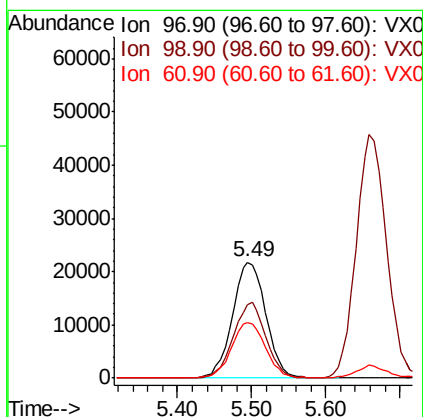
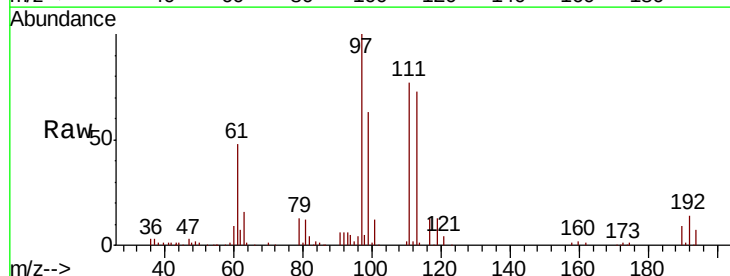
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

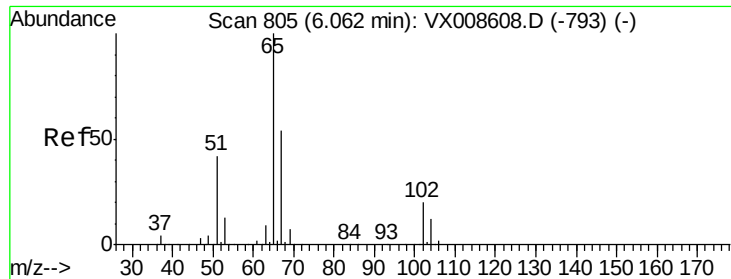
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.6	33.8
84	74.7	59.3	88.9



#32
1,1,1-Trichloroethane
Concen: 16.854 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	49.2	38.9	58.3

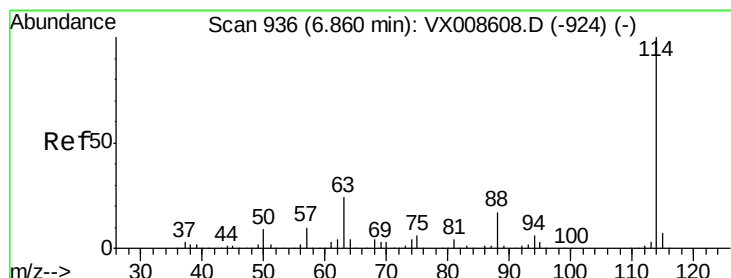
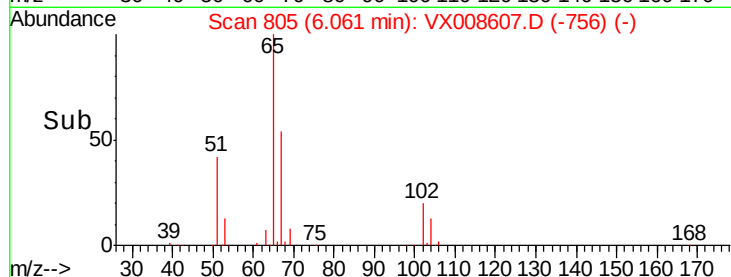
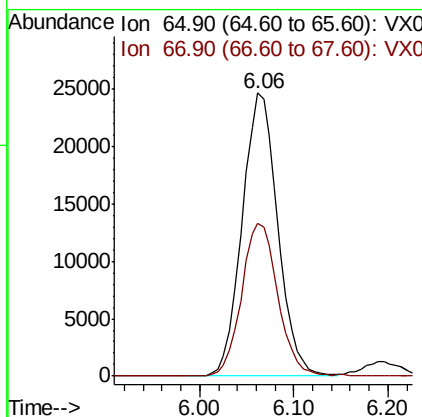
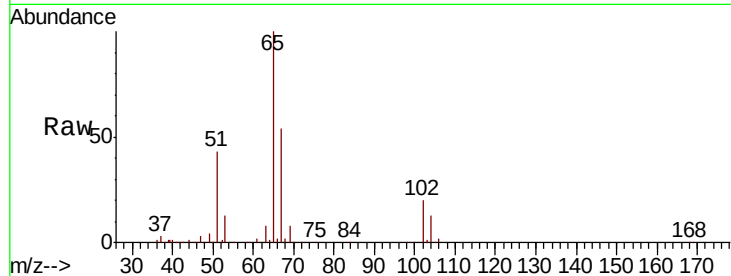




#33
 1,2-Dichloroethane-d4
 Concen: 20.257 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

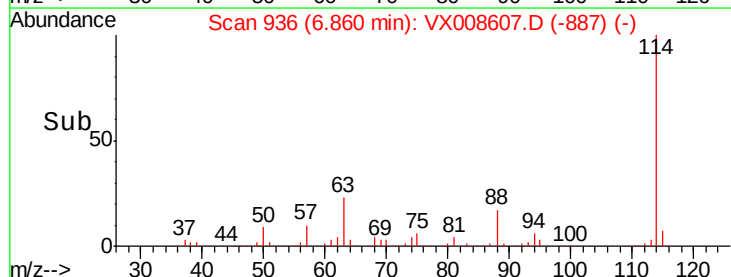
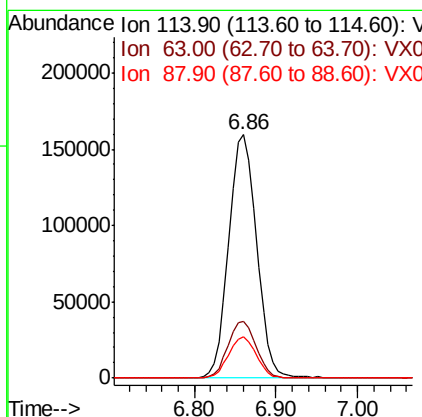
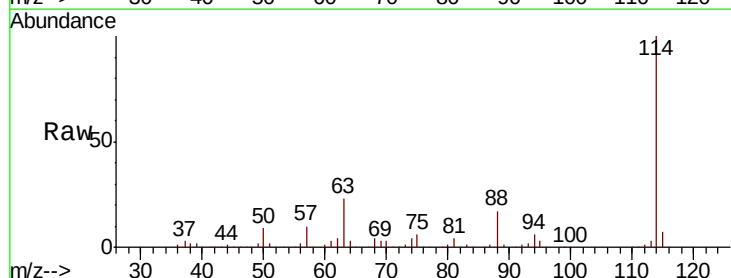
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

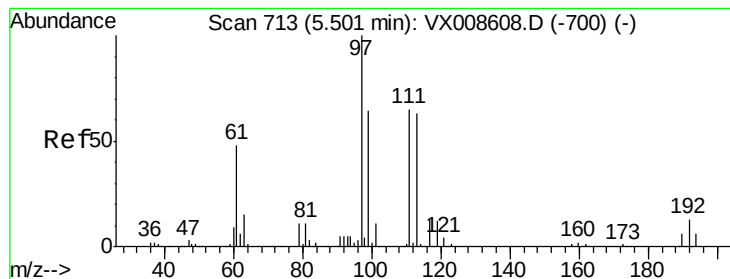
Tot Ion: 65 Resp: 65481
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Tgt Ion: 114 Resp: 376998
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 17.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 20.141 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

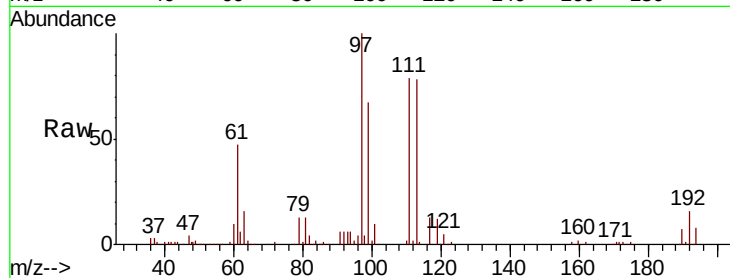
Tot Ion:113 Resp: 48548

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

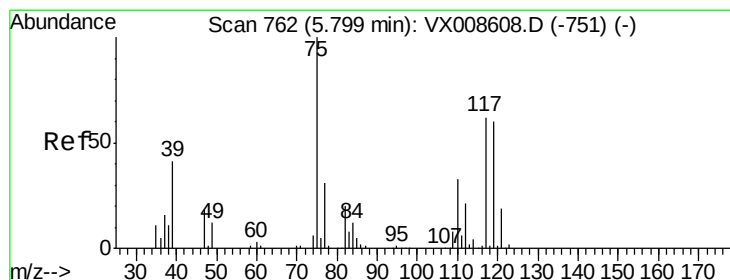
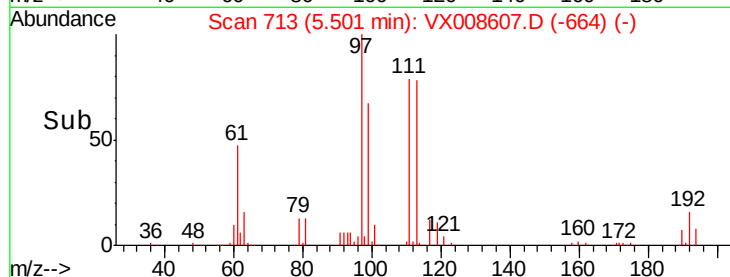
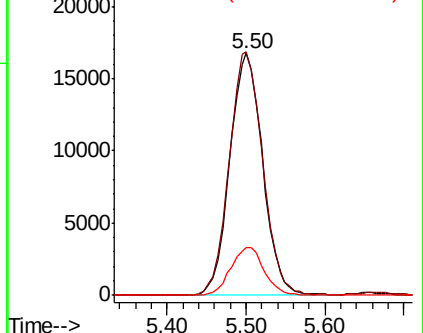
192 20.0 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.003 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

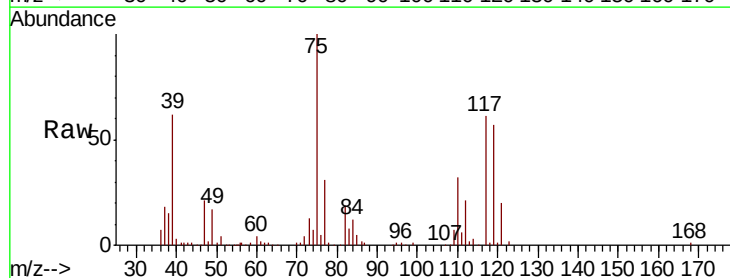
Tgt Ion: 75 Resp: 65948

Ion Ratio Lower Upper

75 100

110 32.9 16.4 49.2

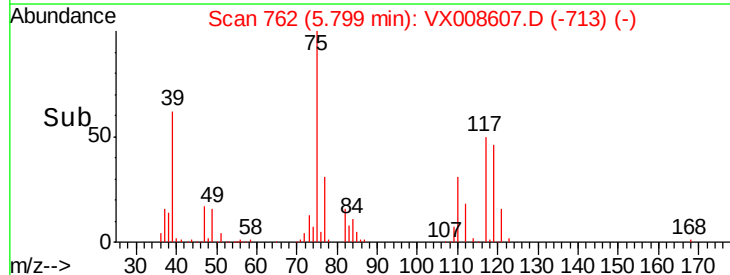
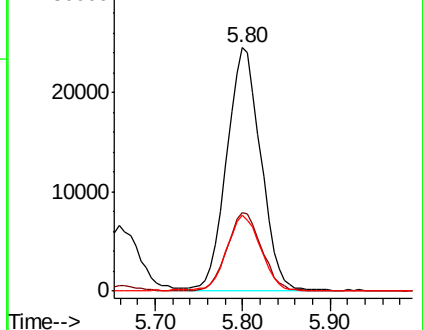
77 31.4 24.7 37.1

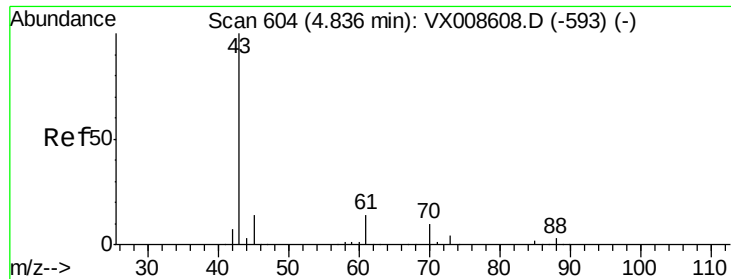


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

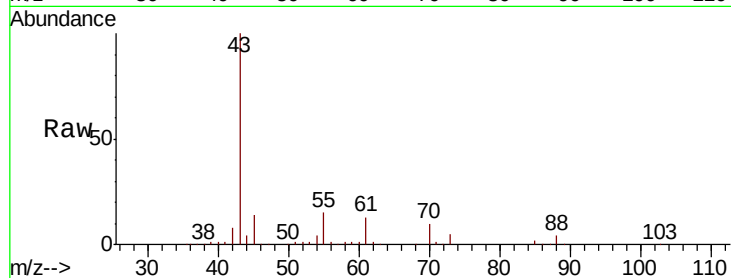




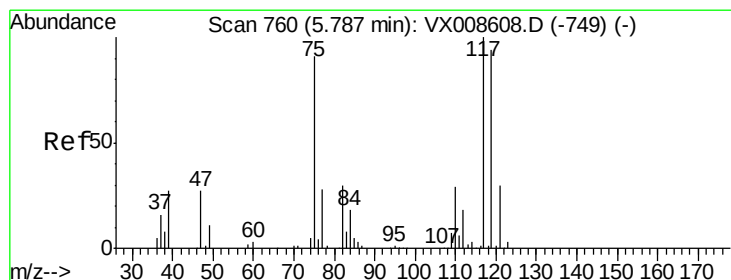
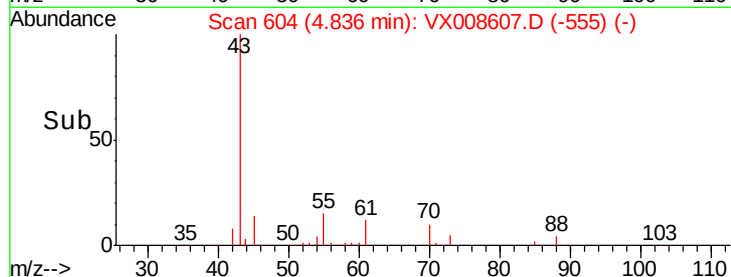
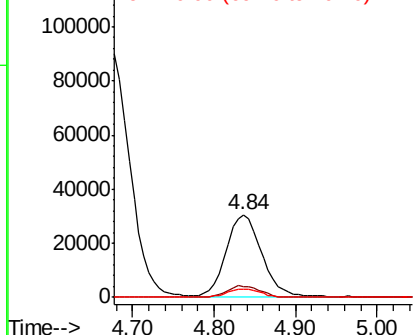
#37
Ethyl Acetate
Concen: 16.495 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 90731
Ion Ratio Lower Upper
43 100
61 13.3 10.3 15.5
70 9.9 7.6 11.4

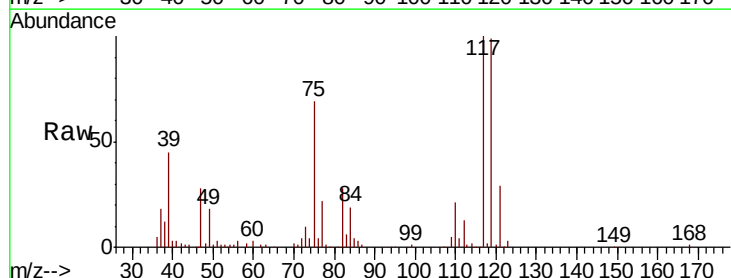


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

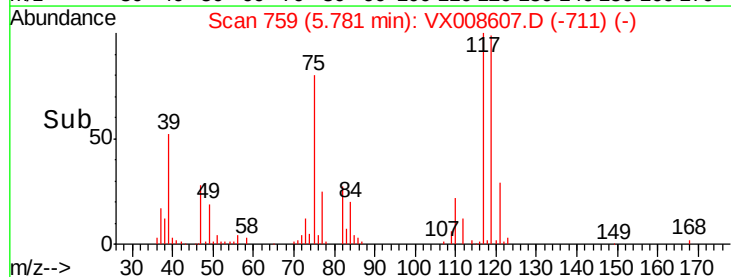
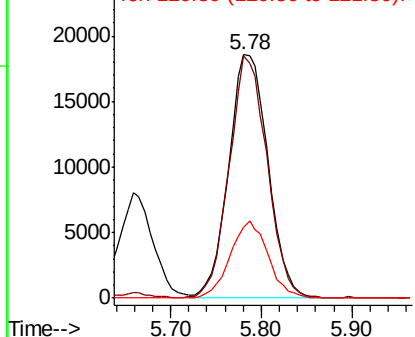


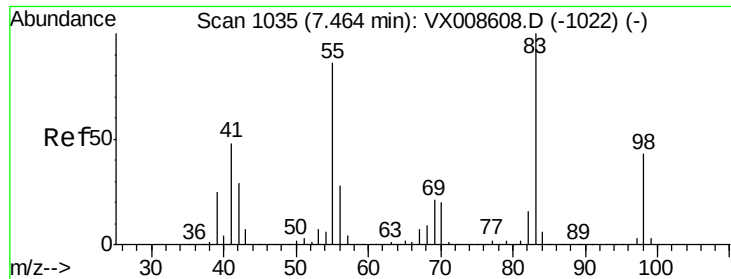
#38
Carbon Tetrachloride
Concen: 16.416 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion: 117 Resp: 55992
Ion Ratio Lower Upper
117 100
119 99.3 75.0 112.6
121 29.2 24.3 36.5



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

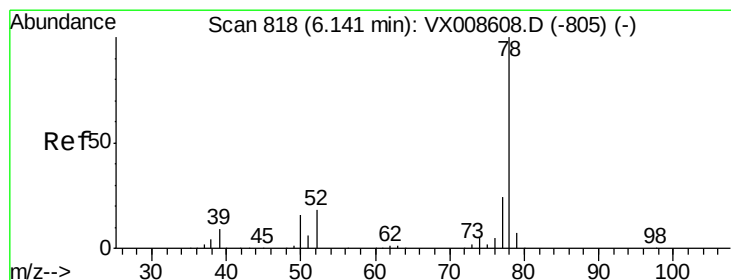
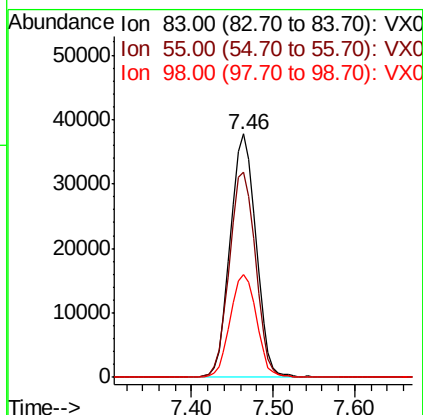
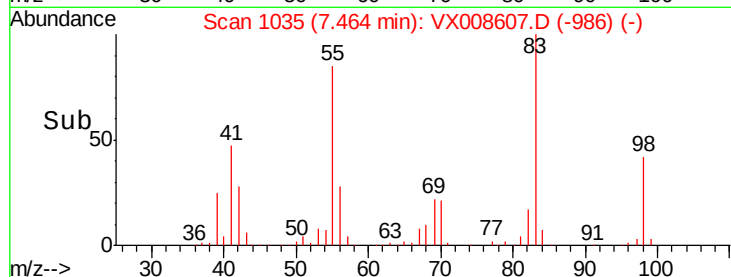
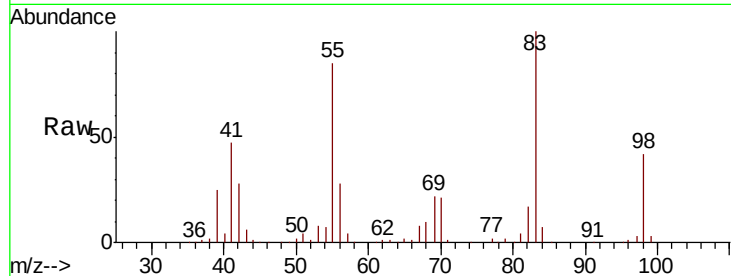




#39
Methylvlcyclohexane
Concen: 16.165 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

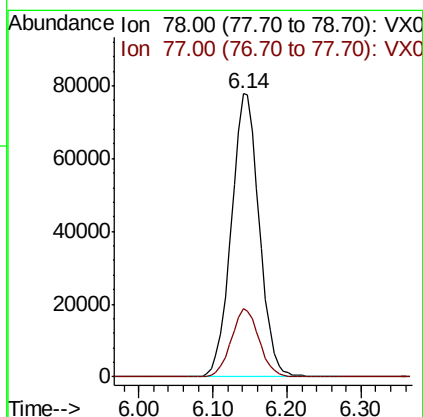
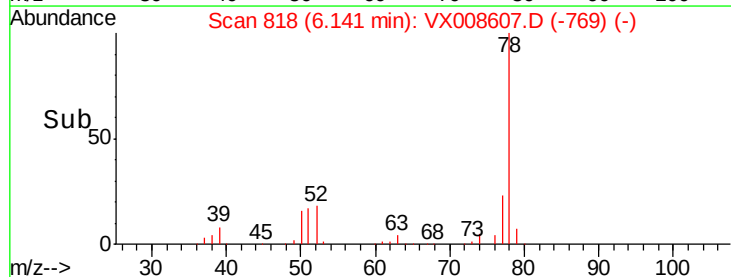
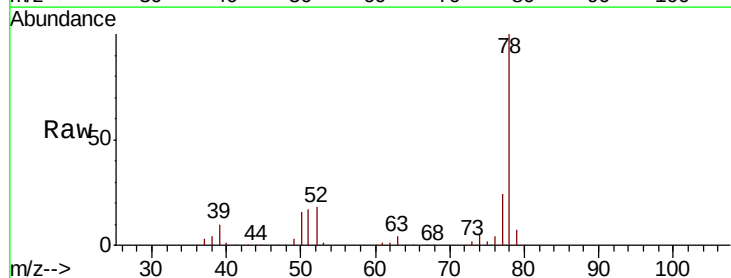
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

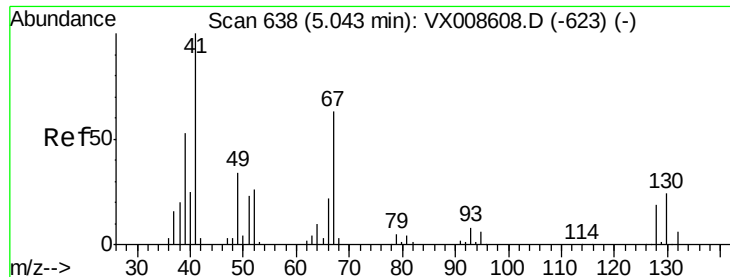
Tot Ion: 83 Resp: 82293
Ion Ratio Lower Upper
83 100
55 84.5 69.0 103.6
98 42.5 34.4 51.6



#40
Benzene
Concen: 16.659 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion: 78 Resp: 204526
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

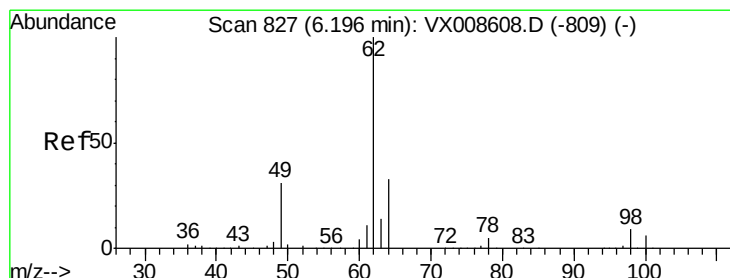
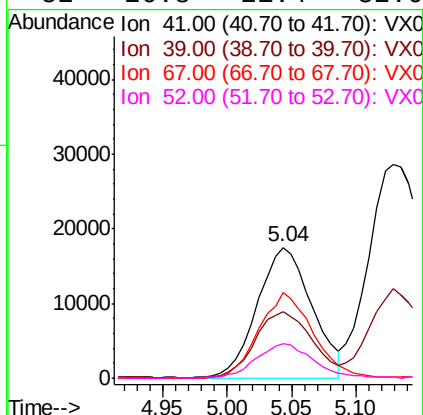
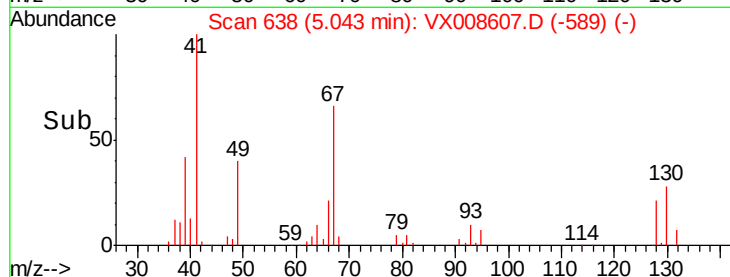
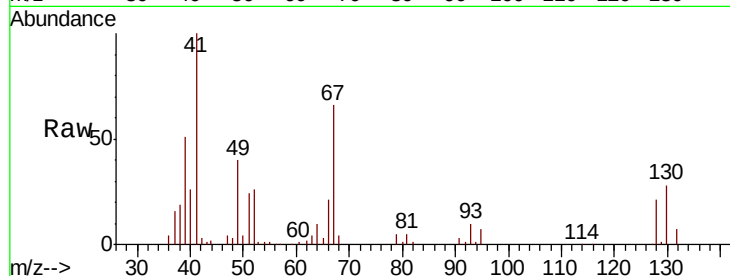




#41
Methacrylonitrile
Concen: 16.335 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

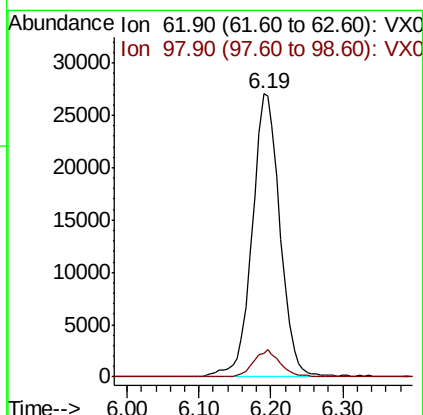
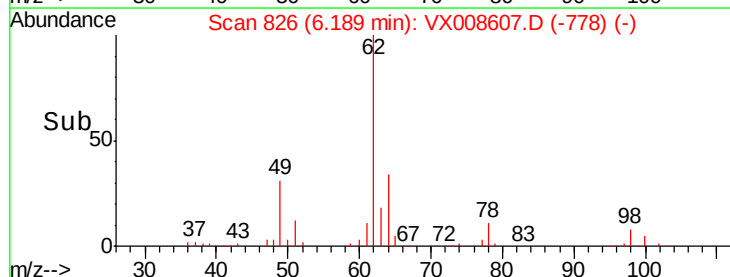
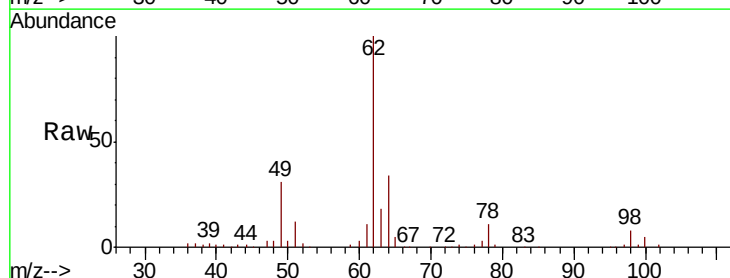
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

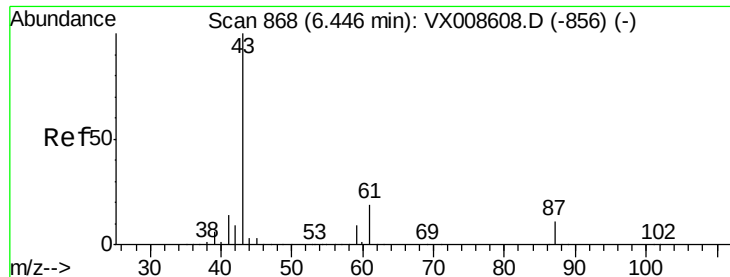
Tot Ion:	41	Resp:	51647
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.1	63.1
67	65.6	51.0	76.6
52	26.8	21.4	32.0



#42
1,2-Dichloroethane
Concen: 16.505 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion:	62	Resp:	72644
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0





#43

Isopropyl Acetate

Concen: 16.518 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

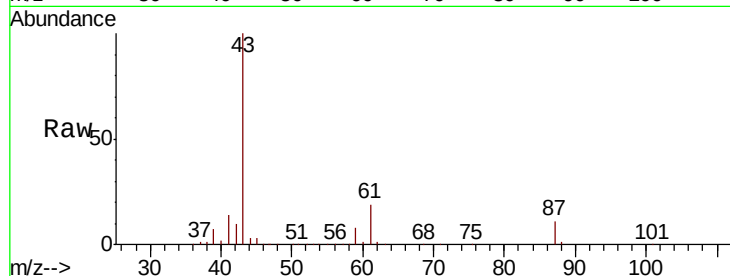
Tot Ion: 43 Resp: 142333

Ion Ratio Lower Upper

43 100

61 19.5 15.3 22.9

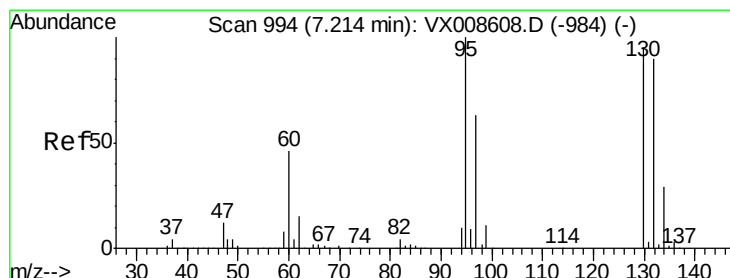
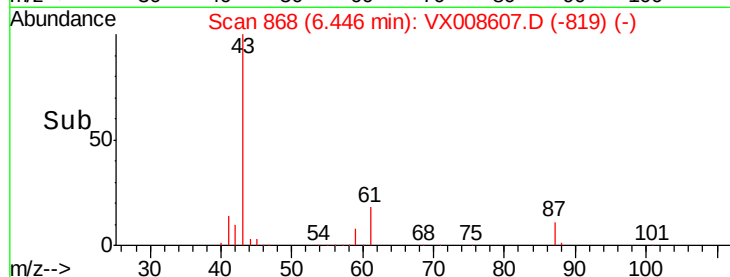
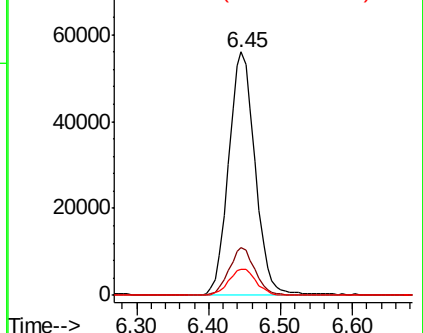
87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 16.139 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008607.D

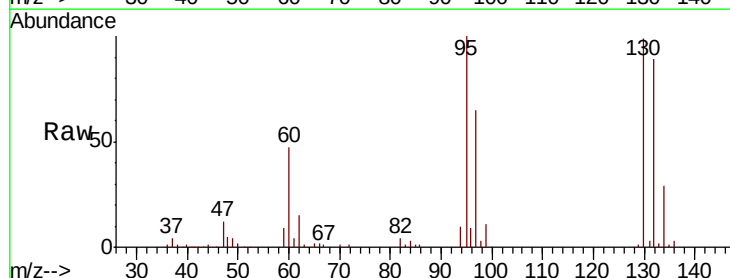
Acq: 03 Apr 2019 10:19

Tgt Ion:130 Resp: 46146

Ion Ratio Lower Upper

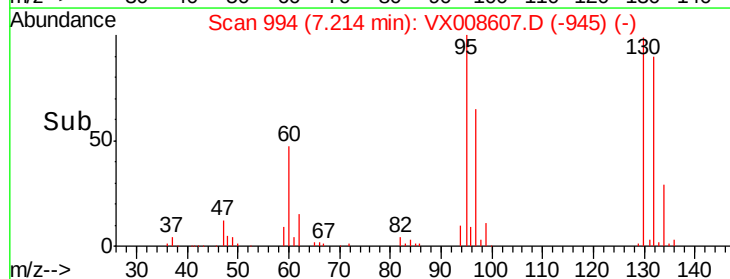
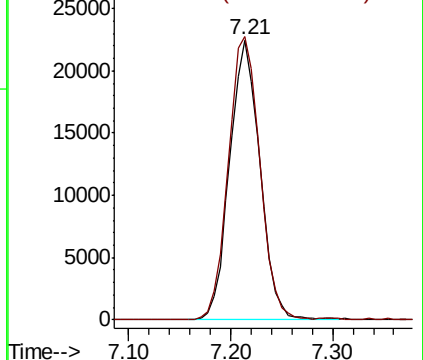
130 100

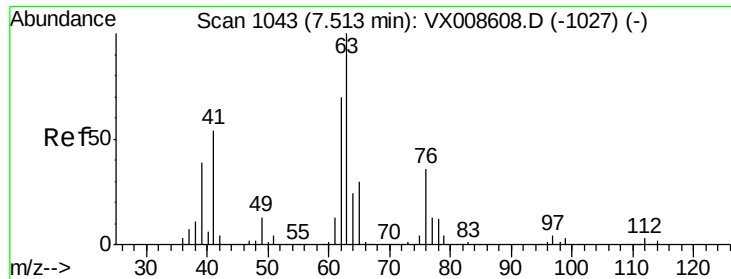
95 100.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

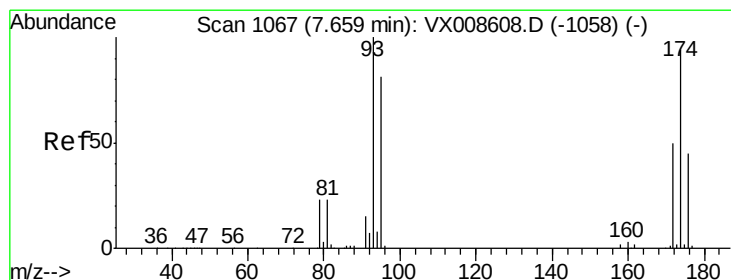
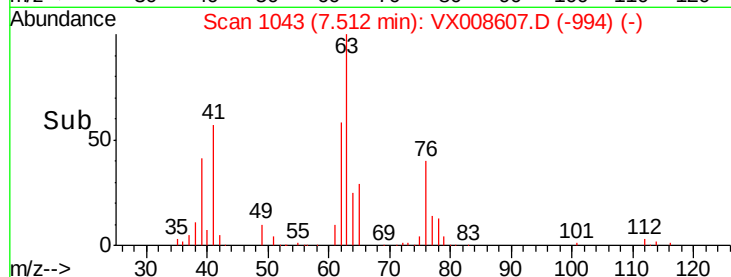
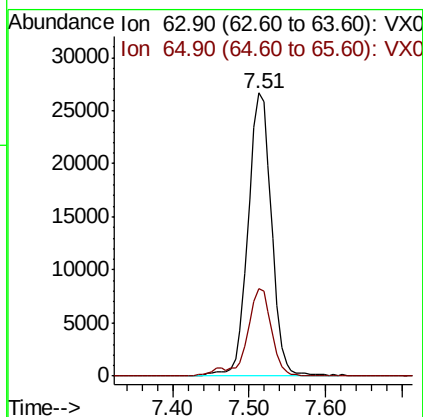
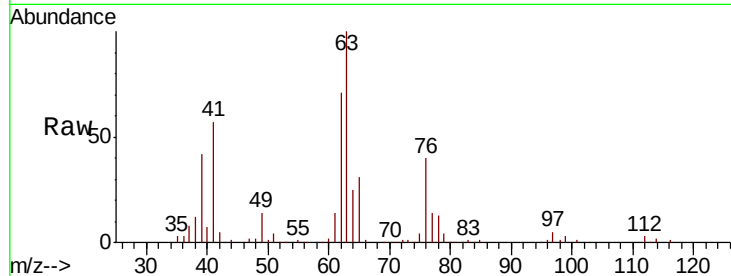




#45
 1,2-Dichloropropane
 Concen: 16.333 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

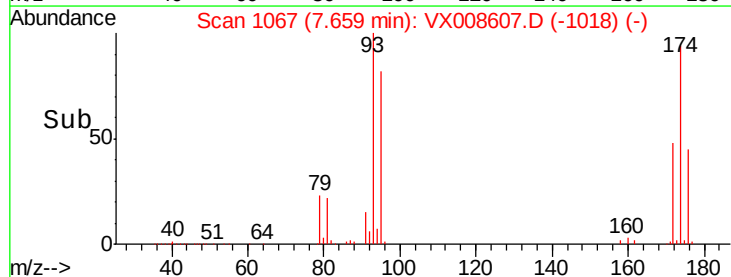
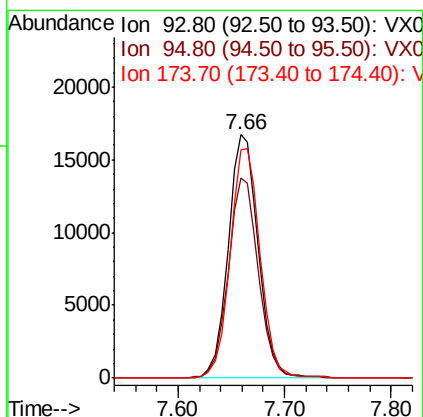
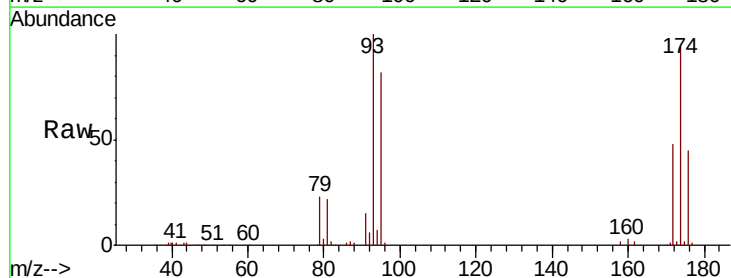
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

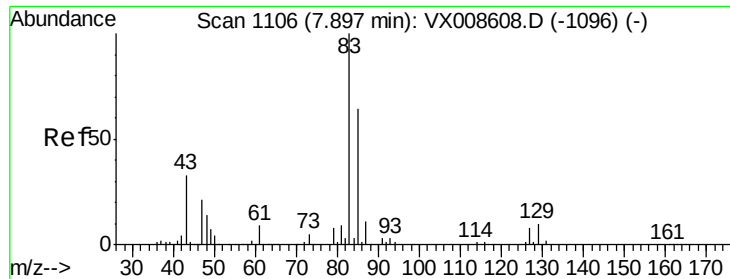
Tot Ion: 63 Resp: 57233
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.4



#46
 Dibromomethane
 Concen: 16.251 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Tgt Ion: 93 Resp: 33028
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 99.8
 174 94.6 77.7 116.5





#47

Bromodichloromethane

Concen: 16.659 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

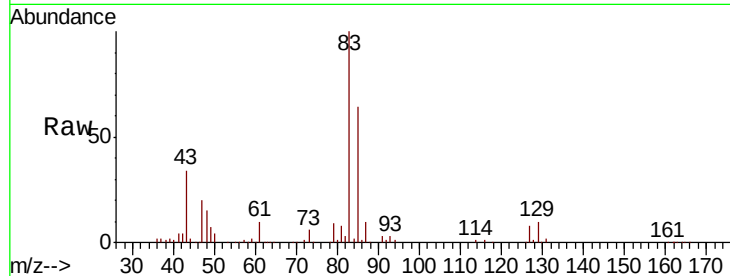
Tot Ion: 83 Resp: 63837

Ion Ratio Lower Upper

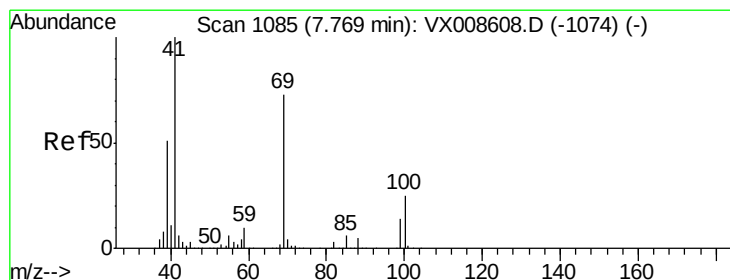
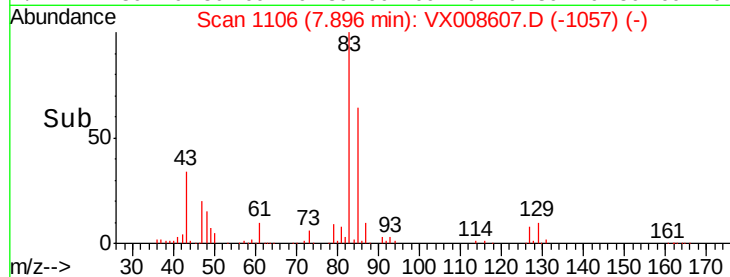
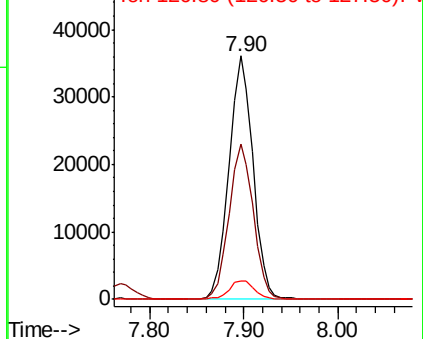
83 100

85 63.9 51.2 76.8

127 7.5 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.427 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

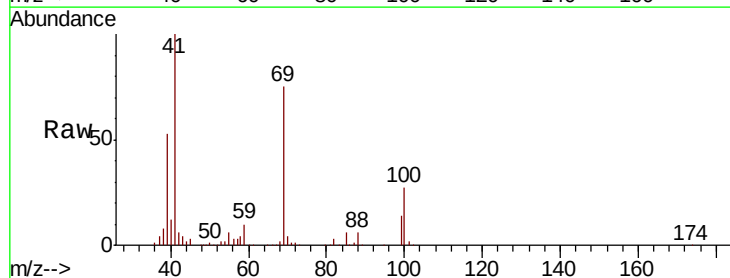
Tgt Ion: 41 Resp: 71602

Ion Ratio Lower Upper

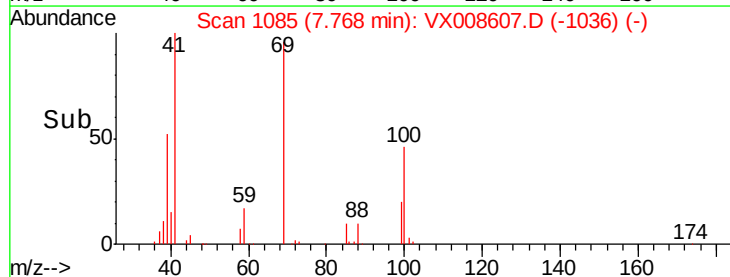
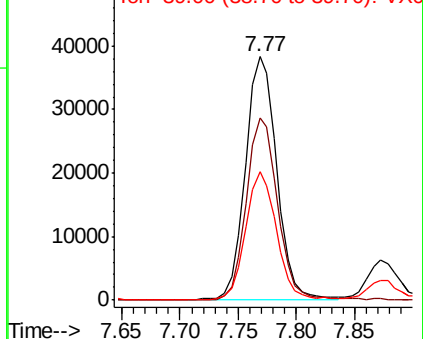
41 100

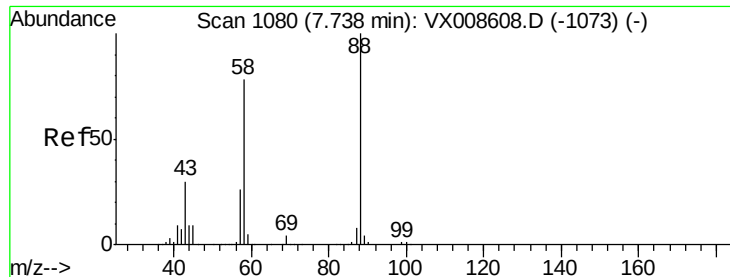
69 75.3 59.0 88.4

39 52.4 41.0 61.4



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: 345.061 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

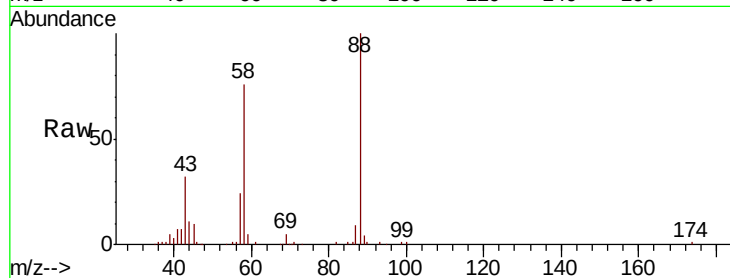
MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 88 Resp: 28175

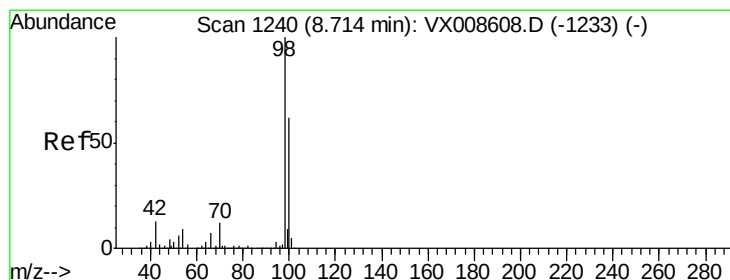
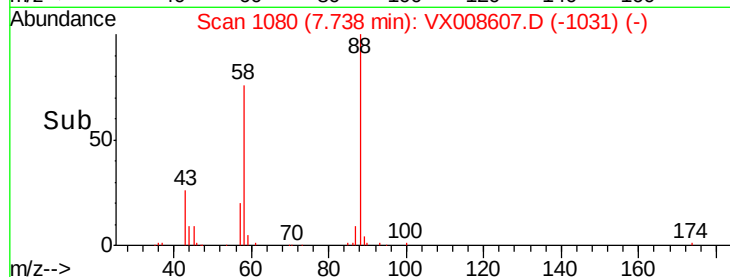
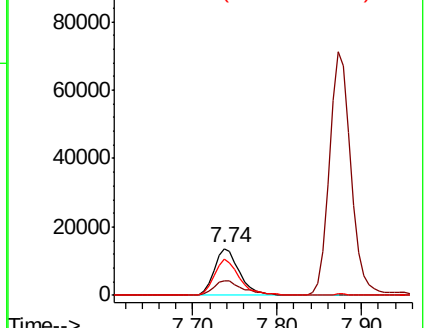
Ion	Ratio	Lower	Upper
88	100		
43	35.8	28.6	43.0
58	77.1	62.2	93.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 20.451 ug/l

RT: 8.71 min Scan# 1240

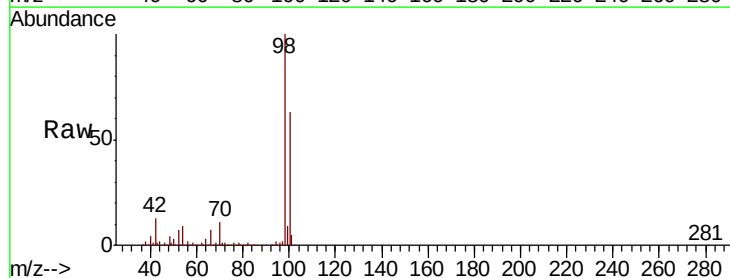
Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

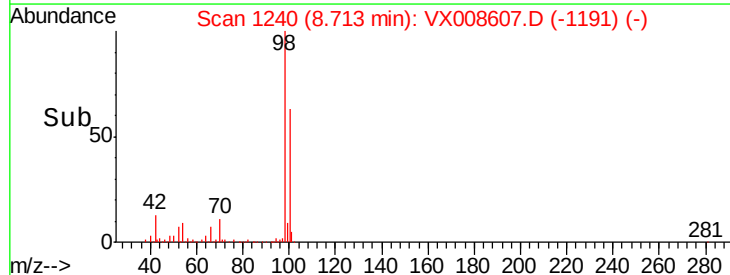
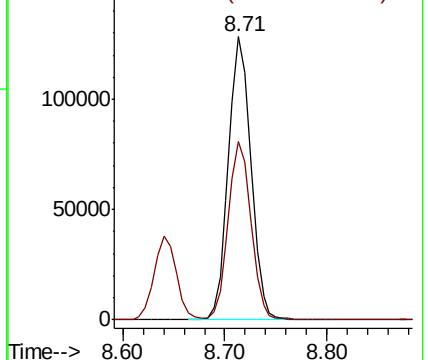
Tgt Ion: 98 Resp: 196278

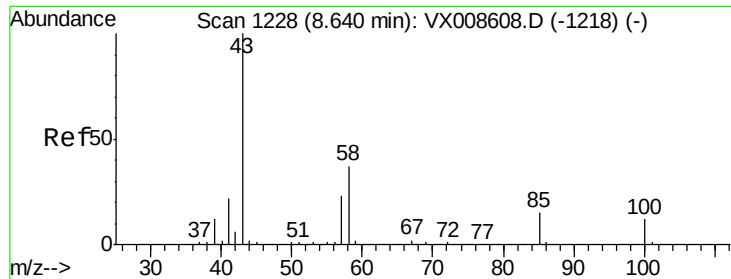
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0



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: 87.062 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

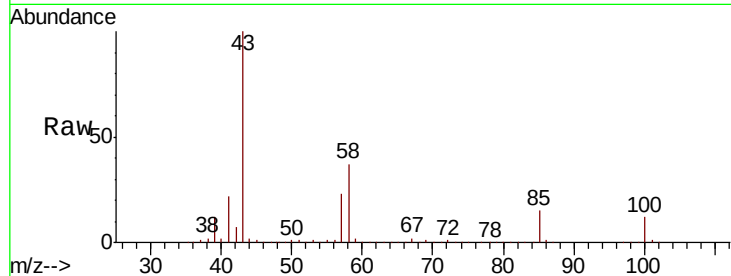
VSTDIC020

Tot Ion: 43 Resp: 482927

Ion Ratio Lower Upper

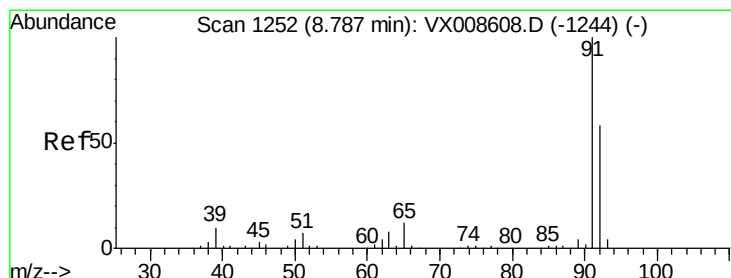
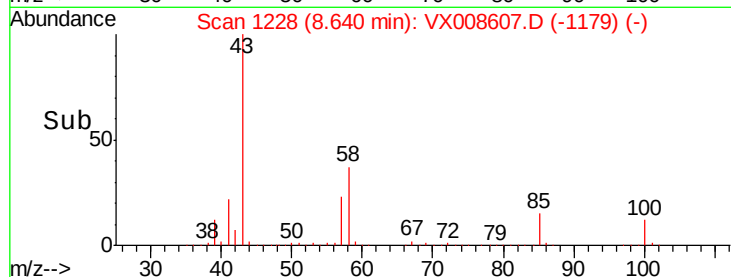
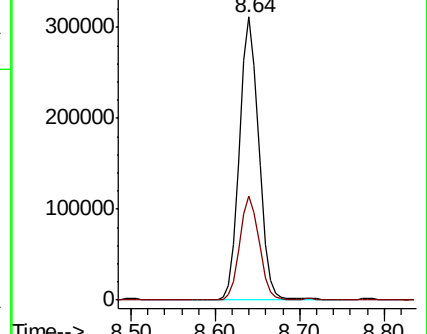
43 100

58 36.7 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 16.749 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008607.D

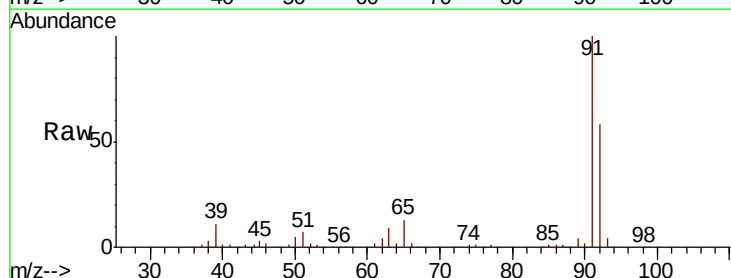
Acq: 03 Apr 2019 10:19

Tgt Ion: 92 Resp: 121223

Ion Ratio Lower Upper

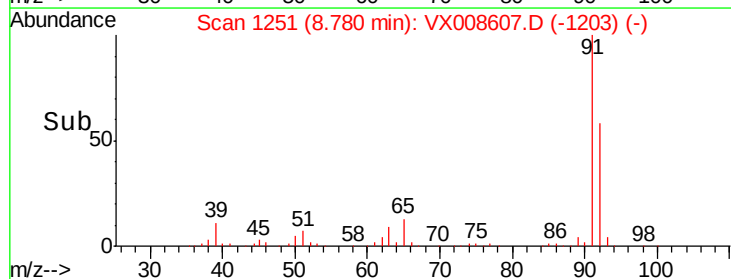
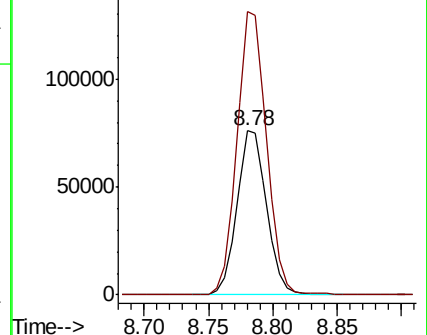
92 100

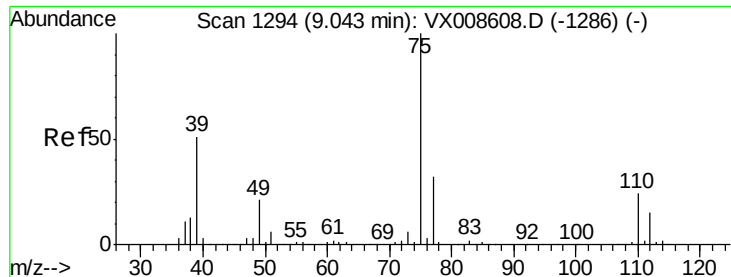
91 173.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

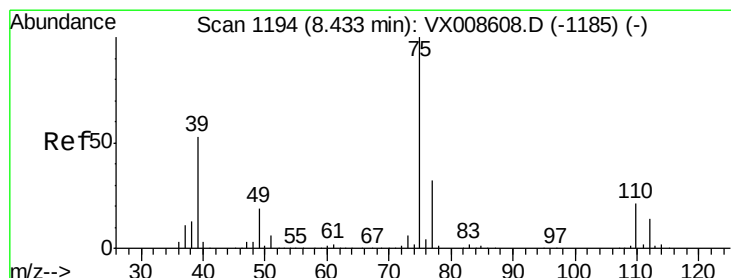
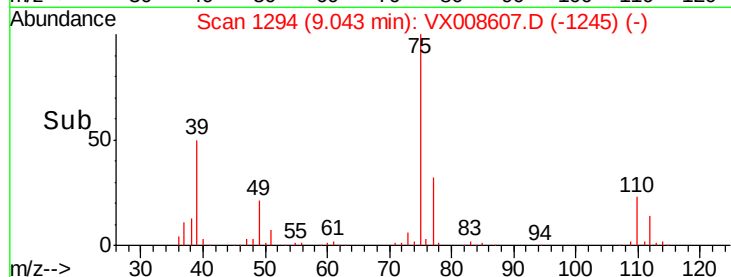
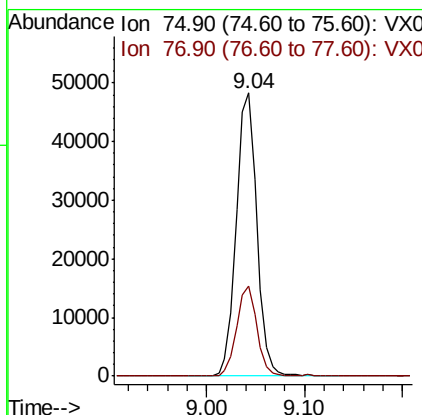
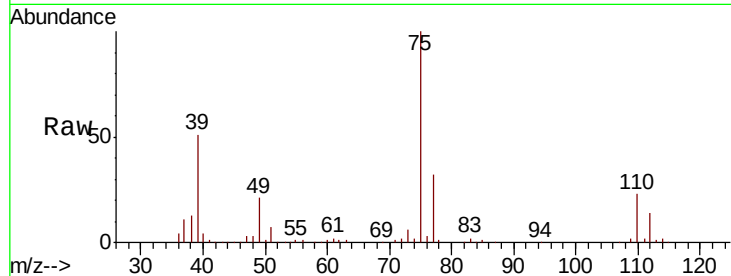




#53
t-1,3-Dichloropropene
Concen: 16.468 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

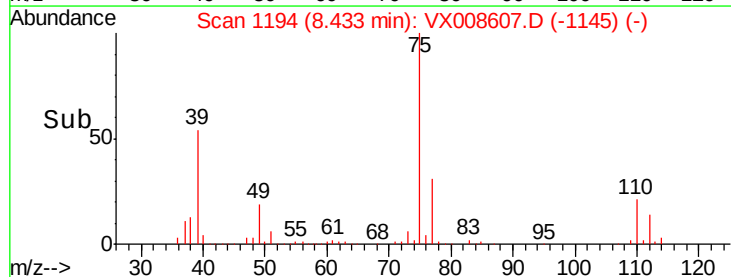
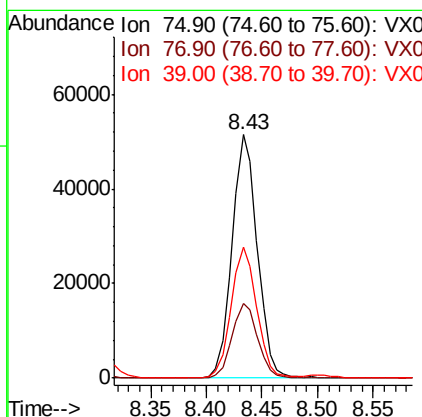
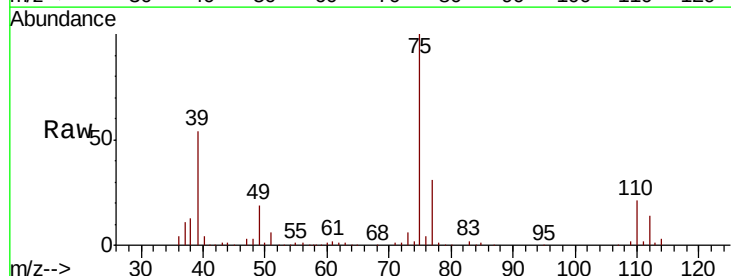
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

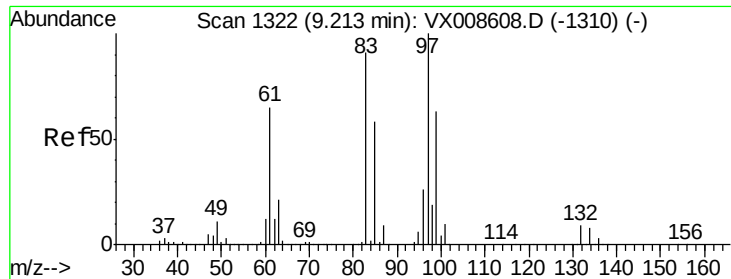
Tot Ion: 75 Resp: 70686
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 16.500 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion: 75 Resp: 80928
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
39 53.6 42.6 63.8

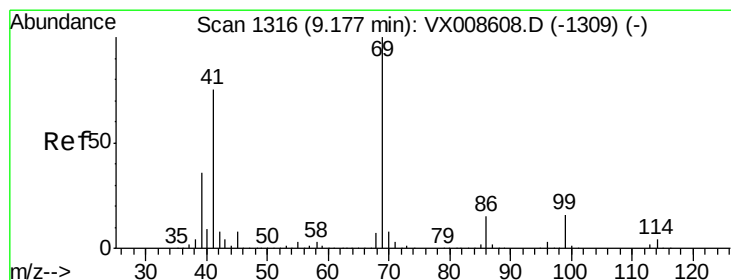
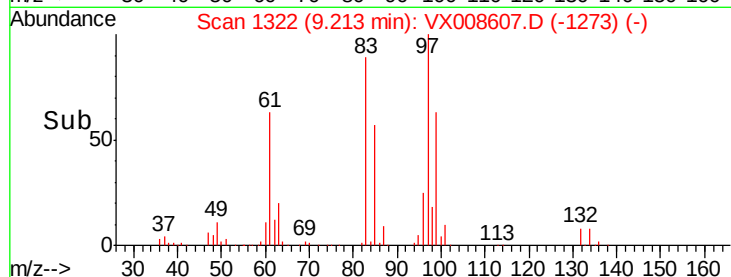
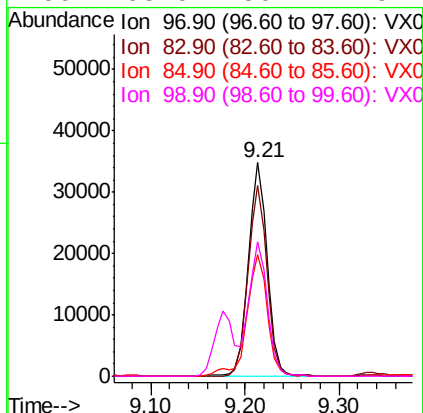
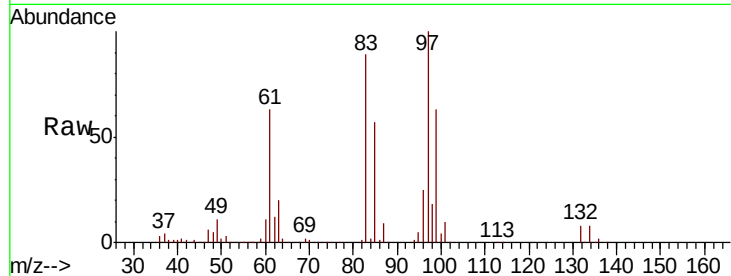




#55
 1,1,2-Trichloroethane
 Concen: 16.873 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

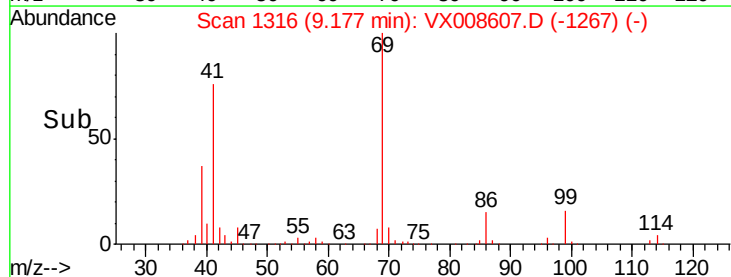
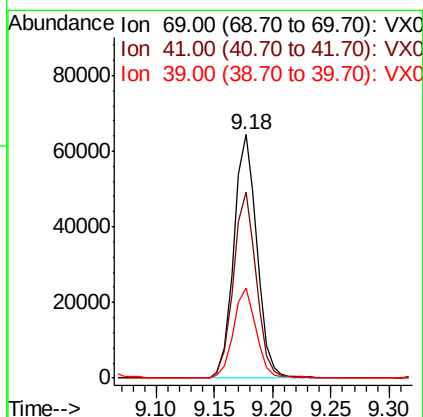
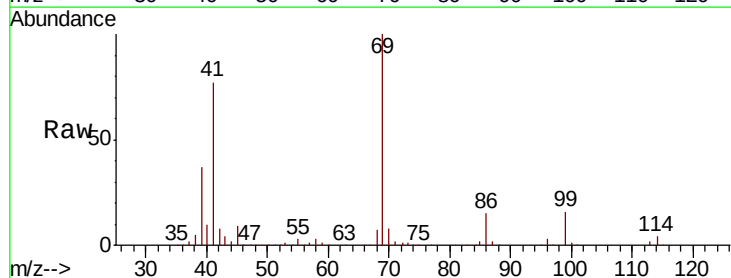
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

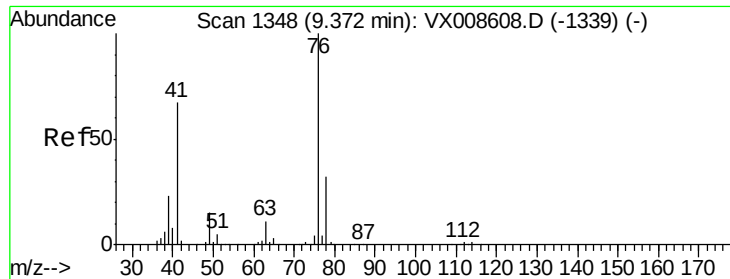
Tot Ion: 97 Resp: 49021
 Ion Ratio Lower Upper
 97 100
 83 89.5 73.2 109.8
 85 57.2 46.6 69.8
 99 63.0 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 16.990 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Tgt Ion: 69 Resp: 89313
 Ion Ratio Lower Upper
 69 100
 41 75.5 60.1 90.1
 39 36.4 28.9 43.3

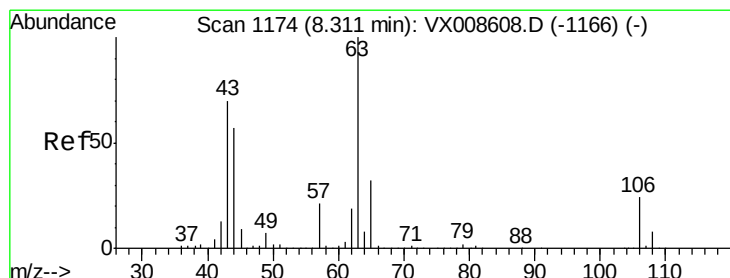
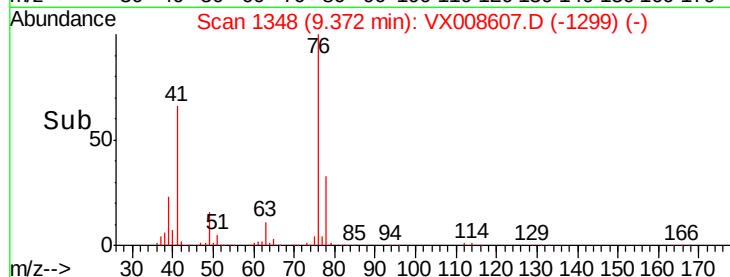
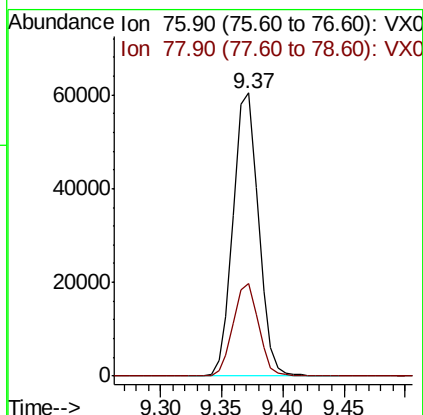
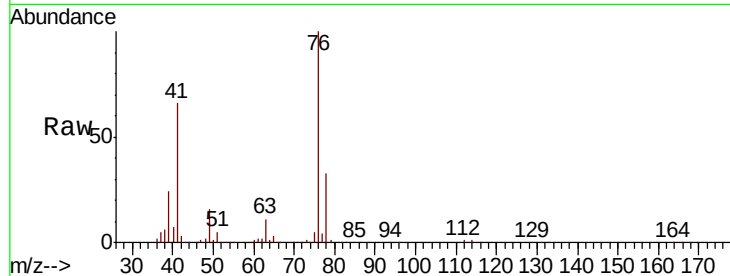




#57
 1,3-Dichloropropane
 Concen: 16.667 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

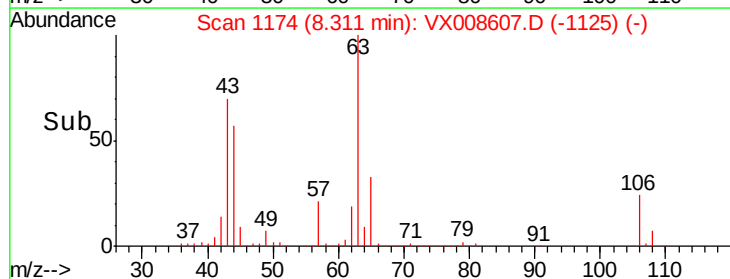
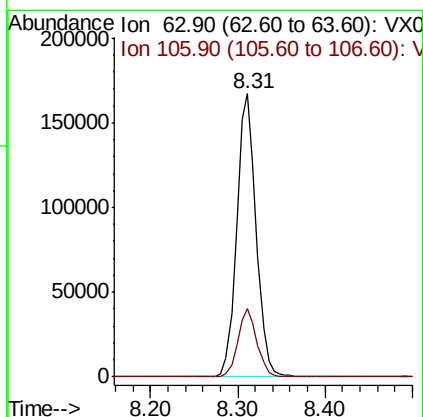
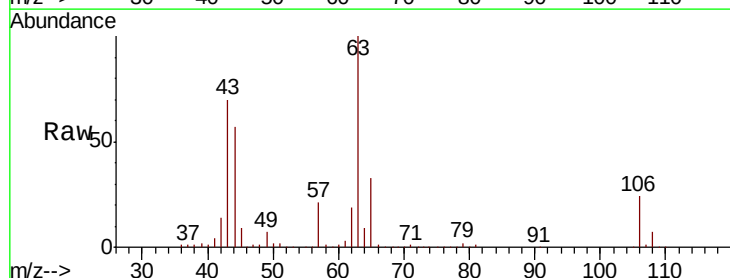
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

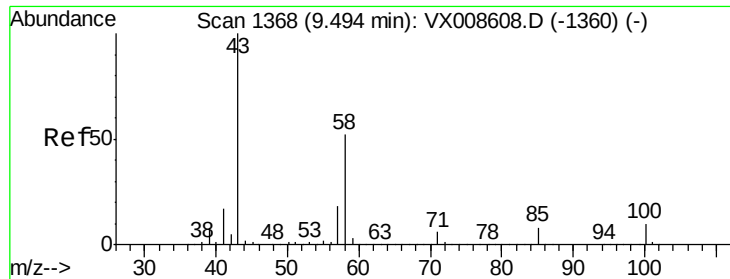
Tot Ion: 76 Resp: 86952
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.229 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Tgt Ion: 63 Resp: 258294
 Ion Ratio Lower Upper
 63 100
 106 23.6 19.0 28.6

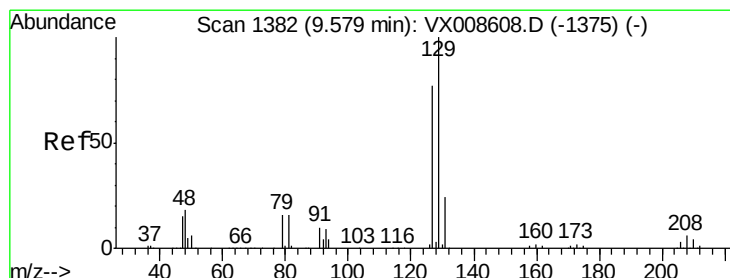
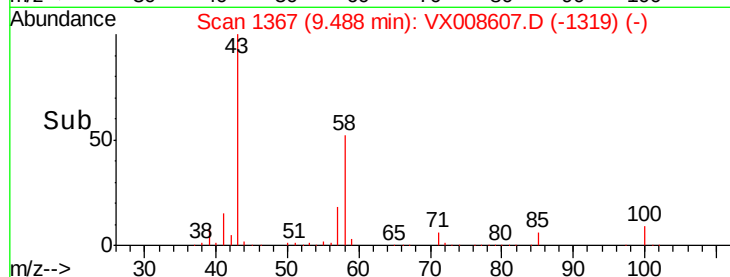
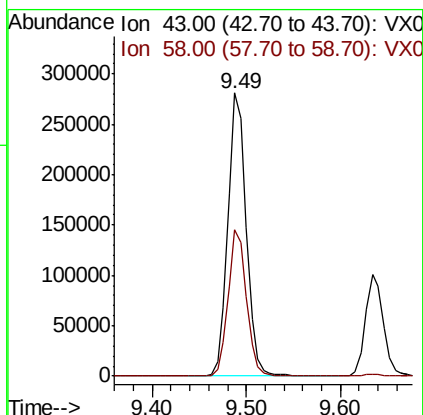
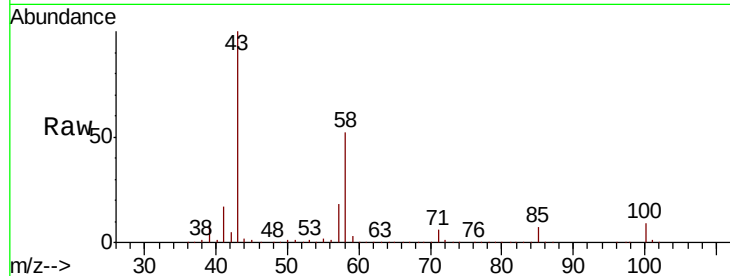




#59
2-Hexanone
Concen: 88.166 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

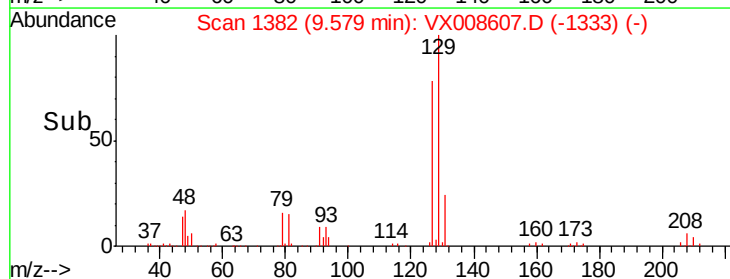
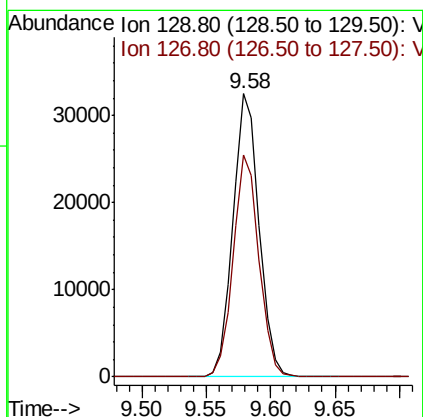
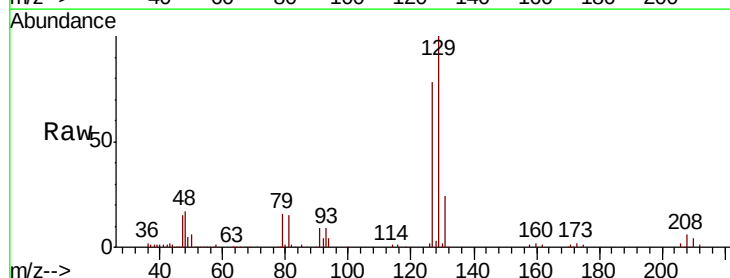
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

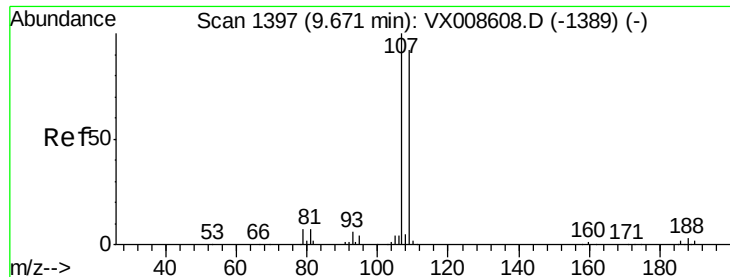
Tot Ion: 43 Resp: 380062
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 16.772 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion: 129 Resp: 45918
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 16.538 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

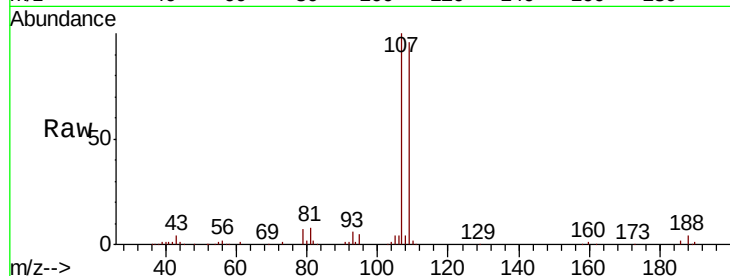
VSTDIC020

Tot Ion:107 Resp: 50020

Ion Ratio Lower Upper

107 100

109 93.4 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

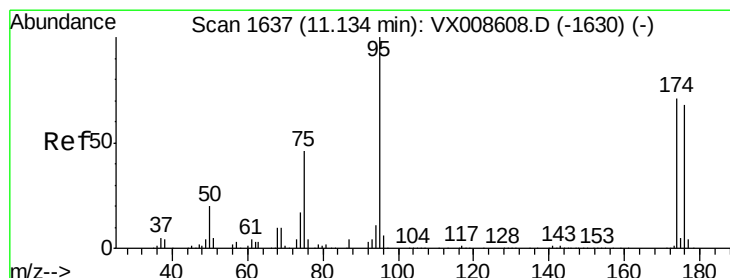
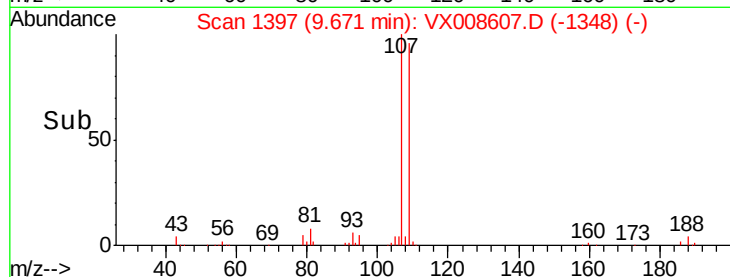
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 20.072 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

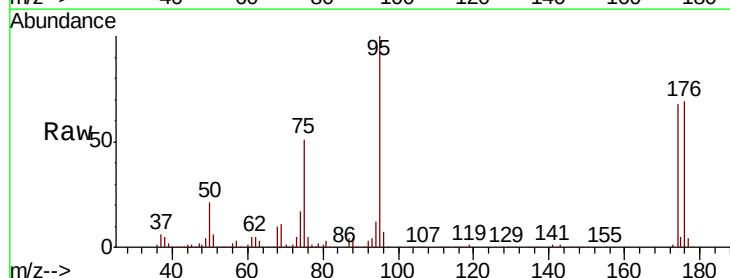
Tgt Ion: 95 Resp: 68312

Ion Ratio Lower Upper

95 100

174 75.0 0.0 151.8

176 73.2 0.0 145.8



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

60000

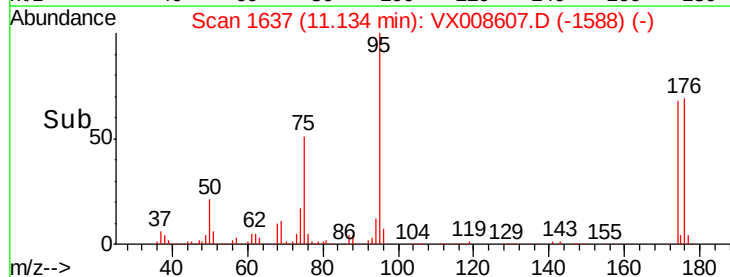
40000

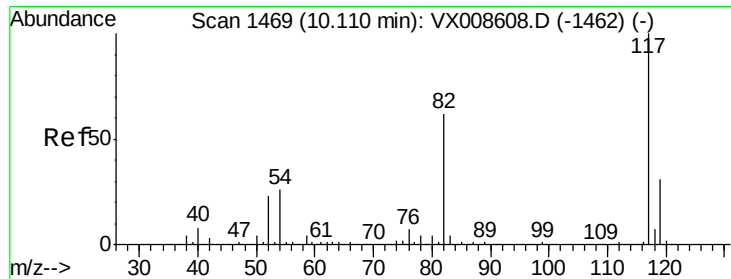
20000

0

Time-->

11.05 11.10 11.15 11.20

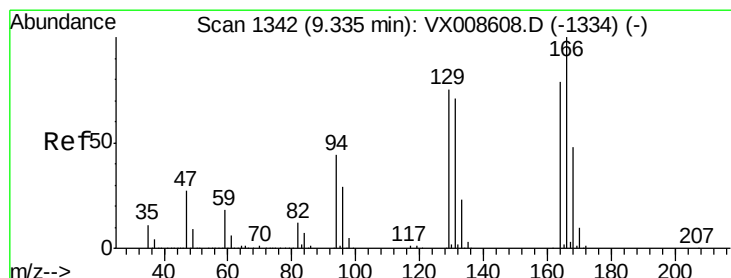
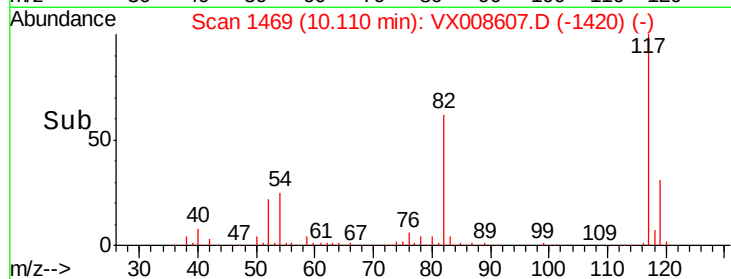
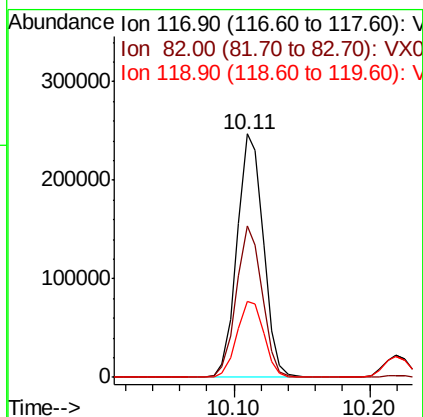
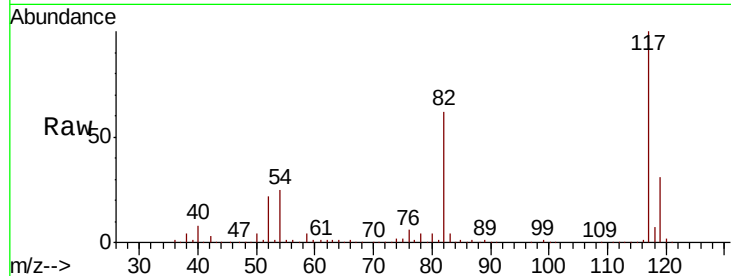




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

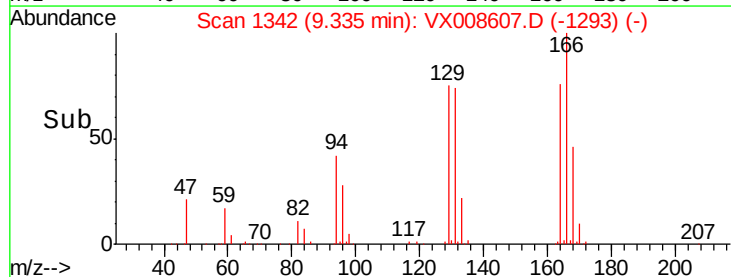
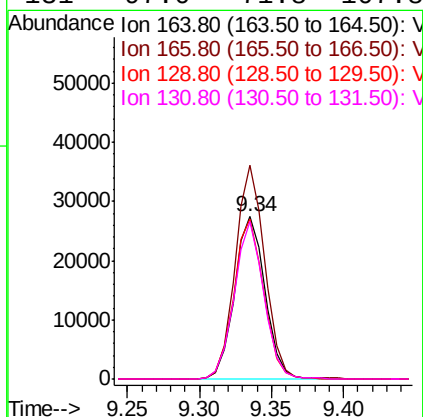
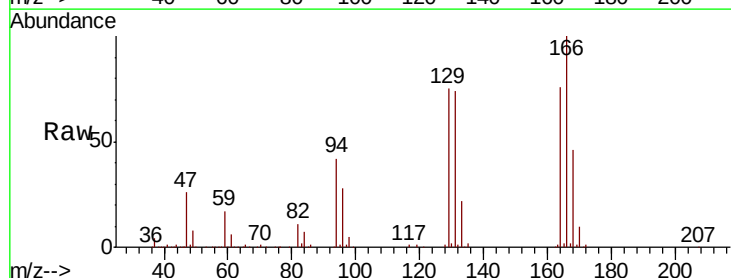
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

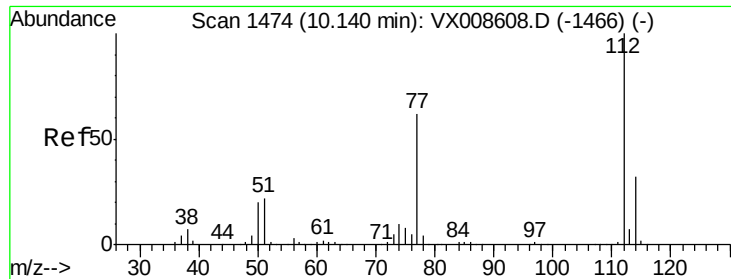
Tot Ion:117 Resp: 332369
Ion Ratio Lower Upper
117 100
82 62.2 49.6 74.4
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 16.413 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion:164 Resp: 40416
Ion Ratio Lower Upper
164 100
166 131.8 101.0 151.6
129 98.9 75.8 113.8
131 97.0 71.8 107.8

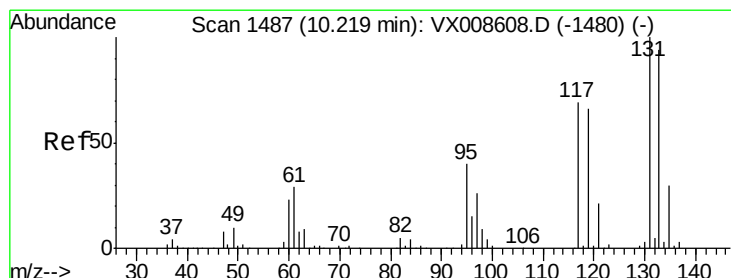
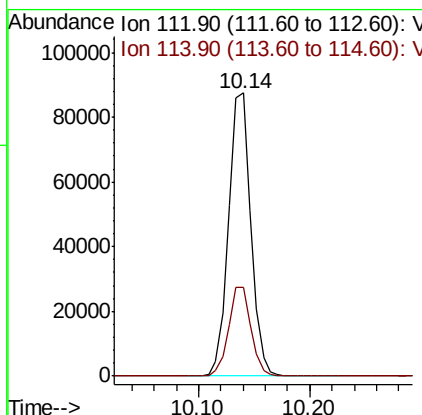
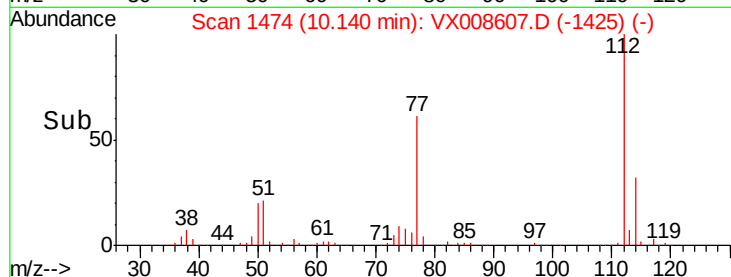
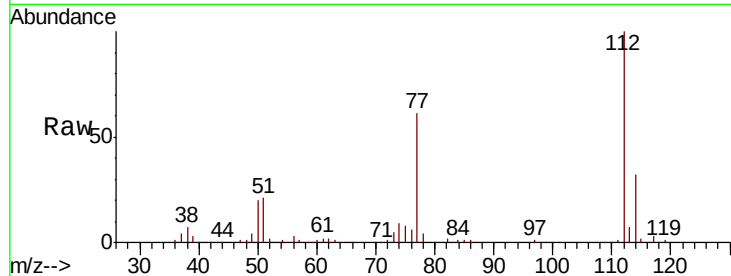




#65
Chlorobenzene
Concen: 16.470 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

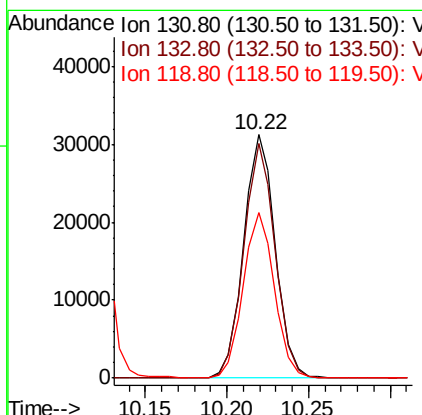
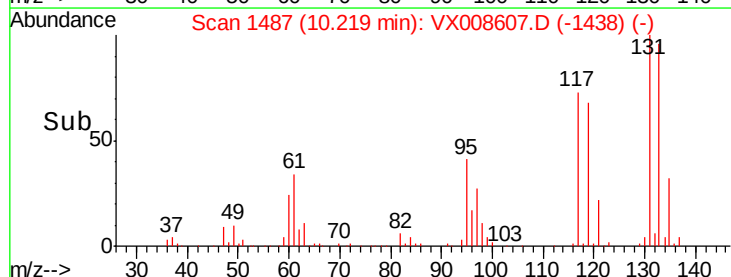
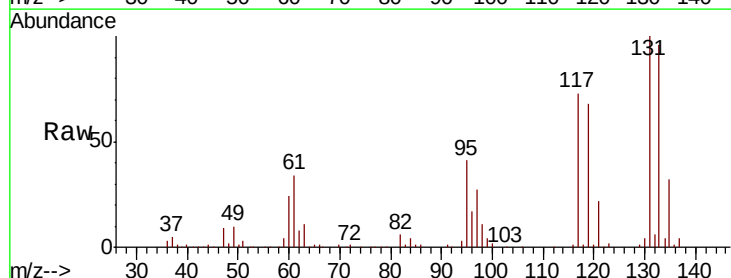
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

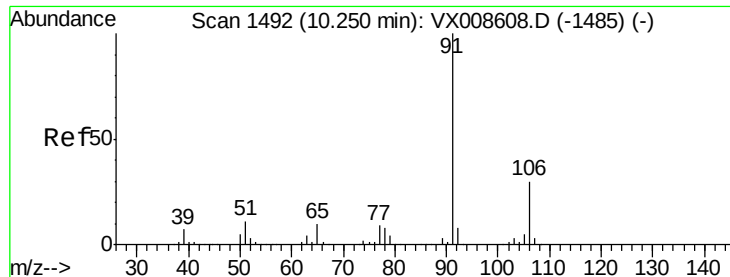
Tot Ion:112 Resp: 121343
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 16.298 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion:131 Resp: 42126
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.2
119 67.6 33.7 101.0

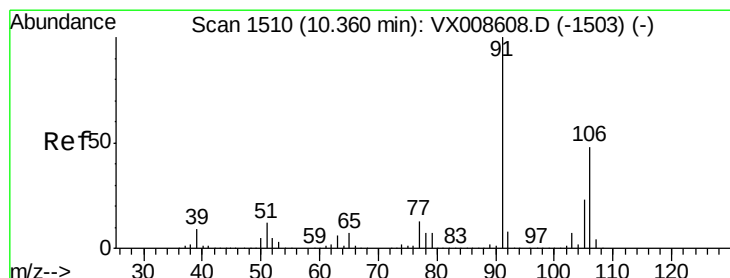
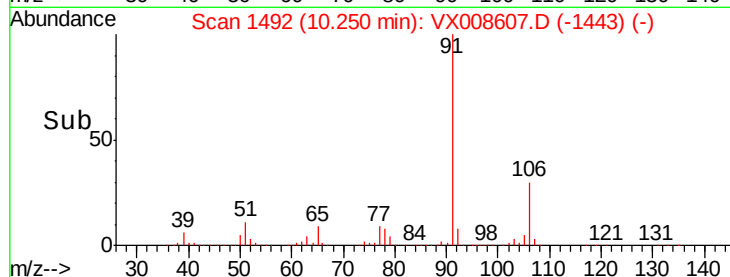
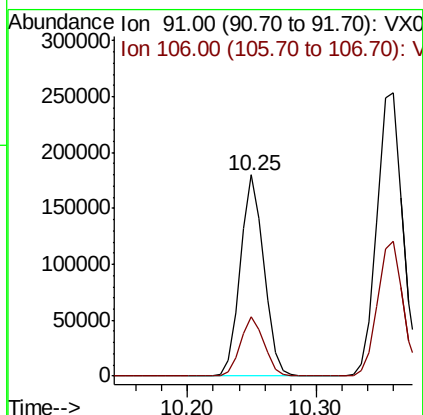
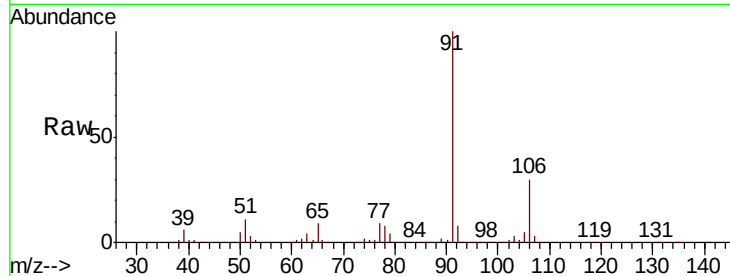




#67
Ethyl Benzene
Concen: 16.572 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

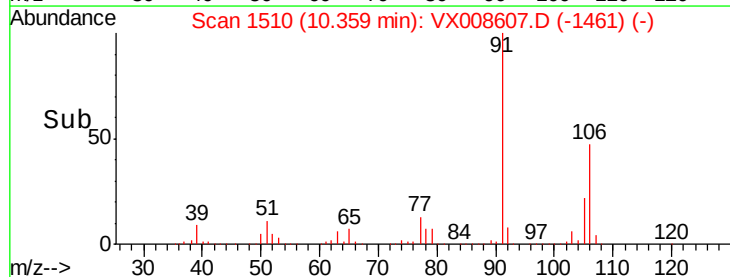
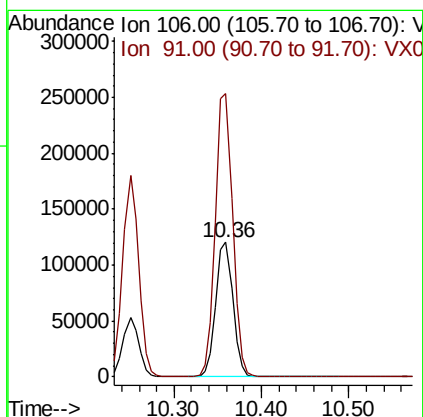
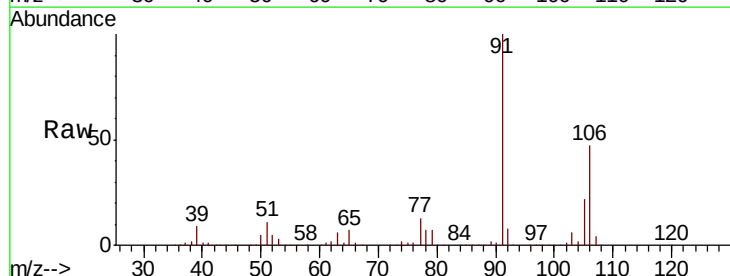
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

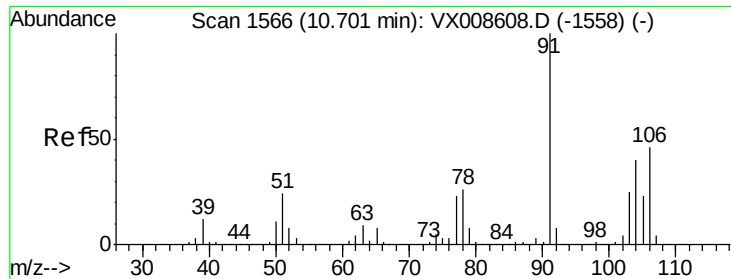
Tot Ion: 91 Resp: 227670
Ion Ratio Lower Upper
91 100
106 29.6 23.7 35.5



#68
m/p-Xylenes
Concen: 33.220 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion: 106 Resp: 164094
Ion Ratio Lower Upper
106 100
91 211.3 168.5 252.7

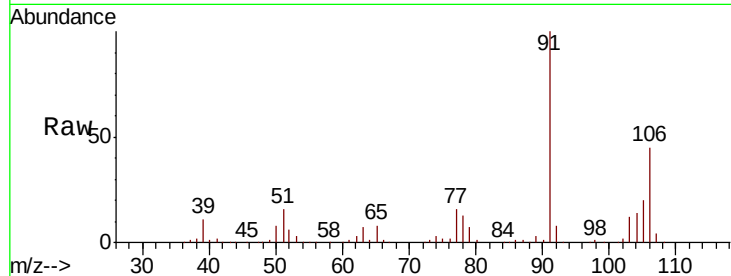




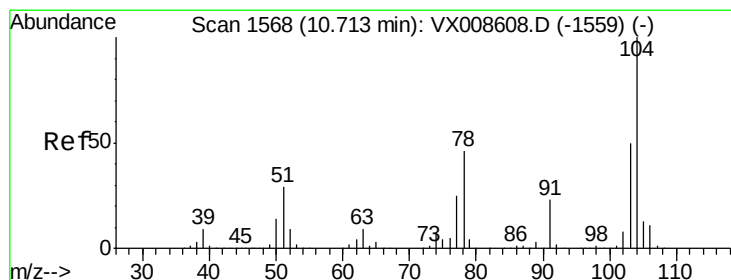
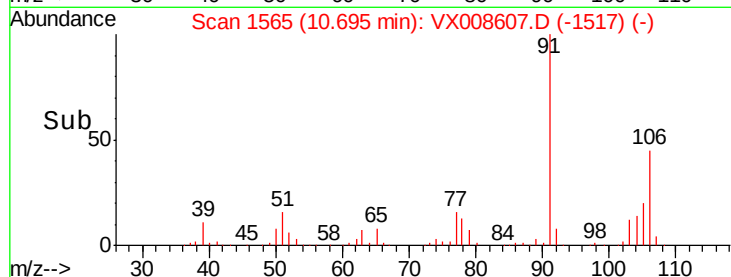
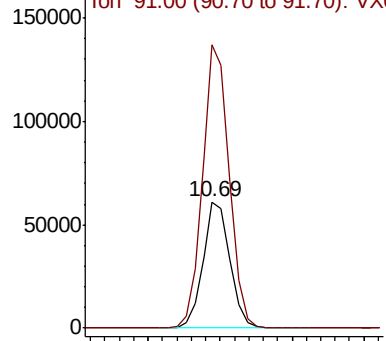
#69
o-Xylene
Concen: 16.623 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 79574
Ion Ratio Lower Upper
106 100
91 222.9 111.5 334.4

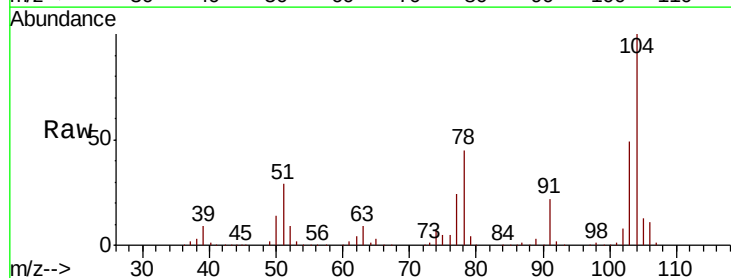


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

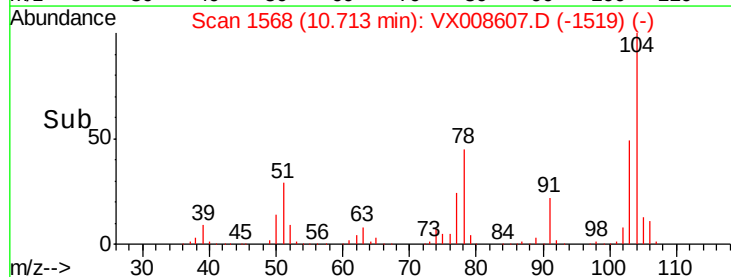
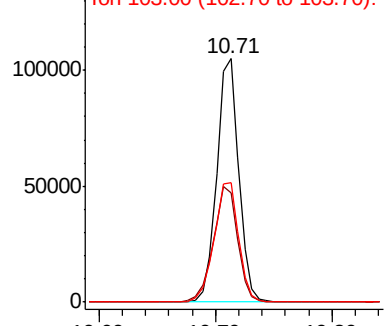


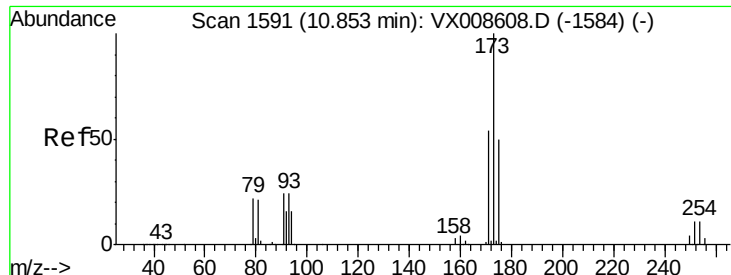
#70
Styrene
Concen: 16.821 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion:104 Resp: 138799
Ion Ratio Lower Upper
104 100
78 52.7 42.3 63.5
103 54.7 44.4 66.6



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





#71

Bromoform

Concen: 16.254 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

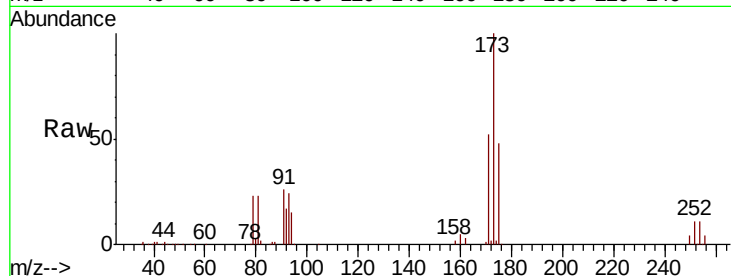
Tot Ion:173 Resp: 32087

Ion Ratio Lower Upper

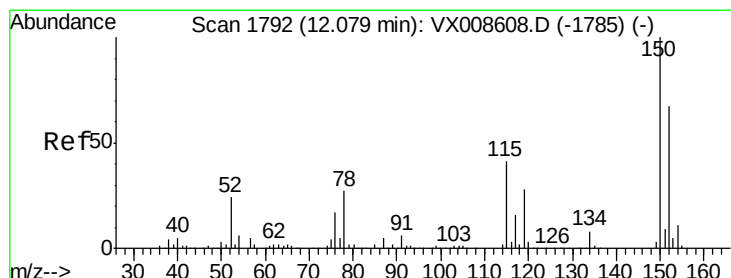
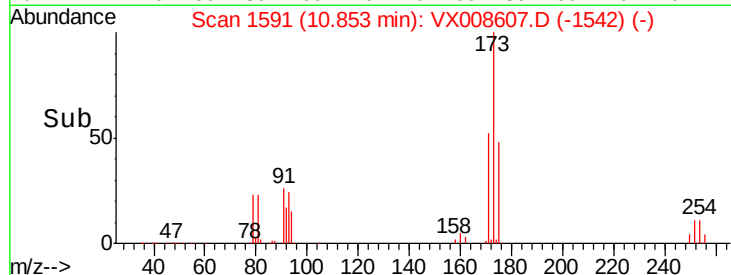
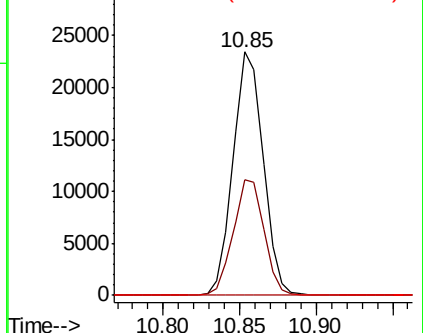
173 100

175 48.3 24.9 74.6

254 0.3 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

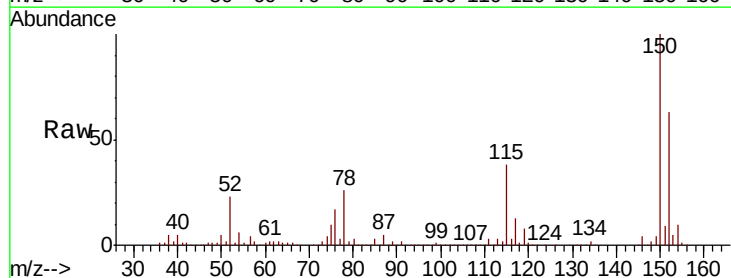
Tgt Ion:152 Resp: 149366

Ion Ratio Lower Upper

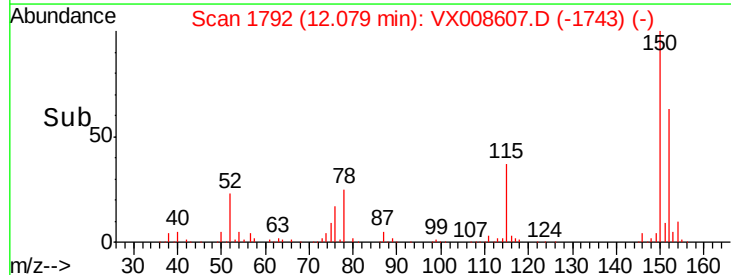
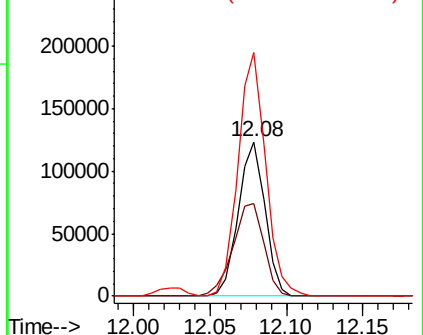
152 100

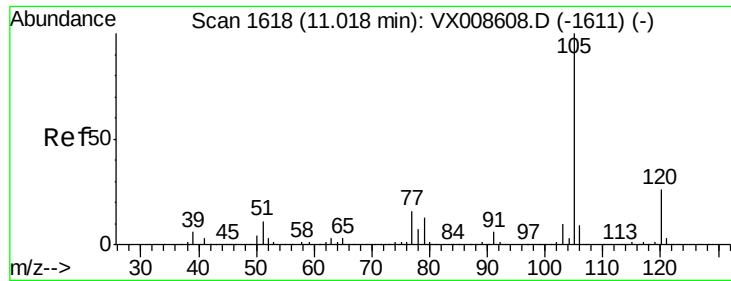
115 69.4 43.5 130.5

150 163.5 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.198 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

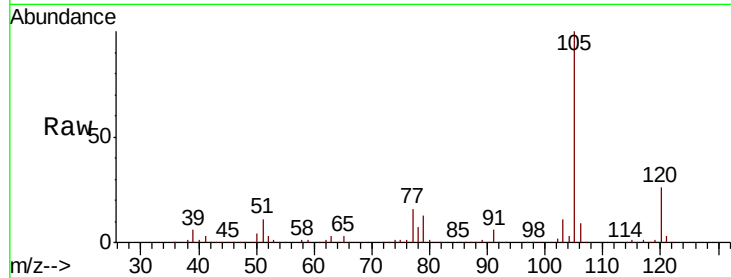
VSTDIC020

Tot Ion:105 Resp: 212883

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

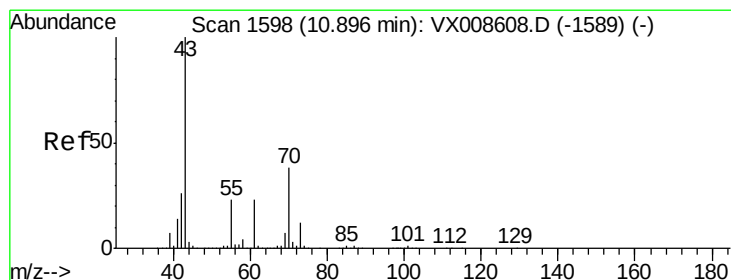
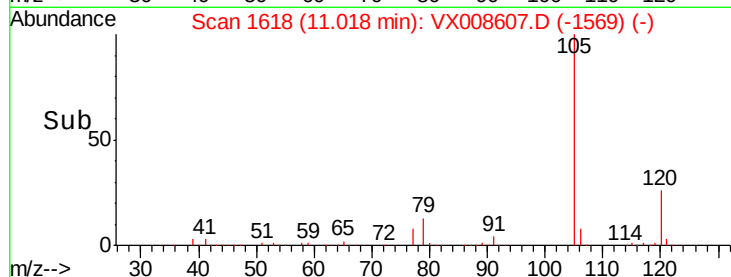
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 17.029 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Tgt Ion: 43 Resp: 124016

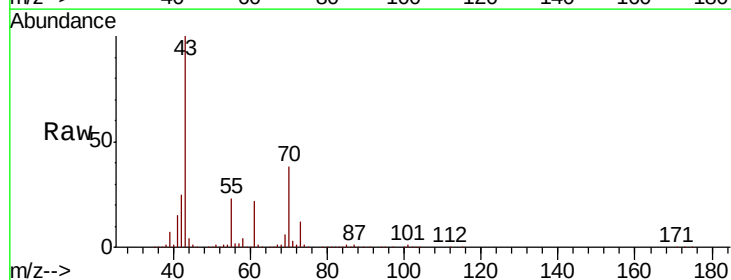
Ion Ratio Lower Upper

43 100

70 38.1 30.2 45.4

55 23.2 18.2 27.4

61 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

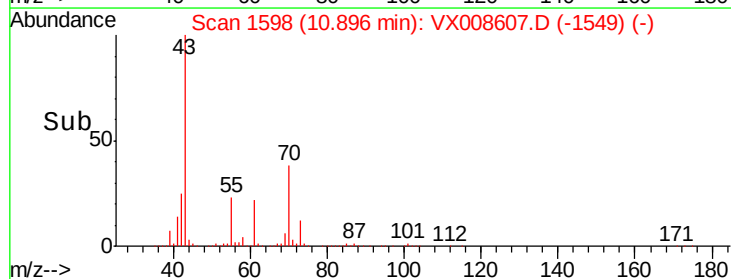
50000

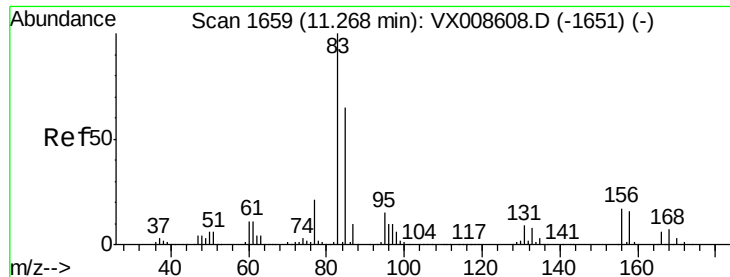
0

10.90

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.122 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

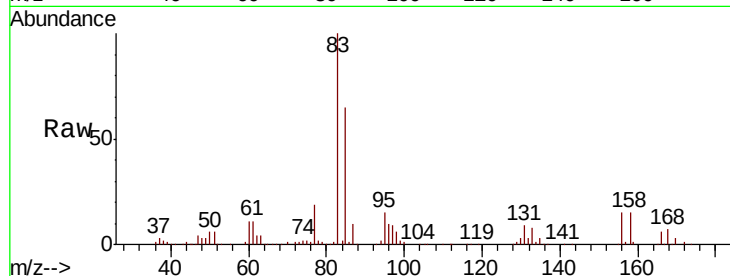
Tot Ion: 83 Resp: 80606

Ion Ratio Lower Upper

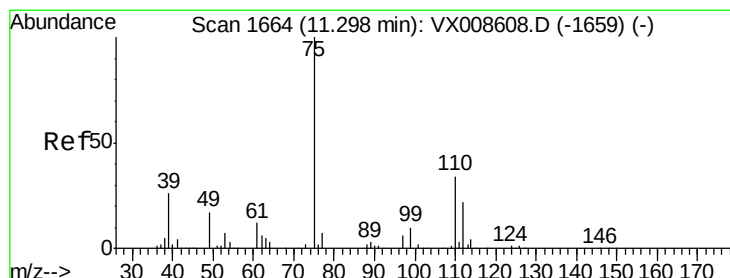
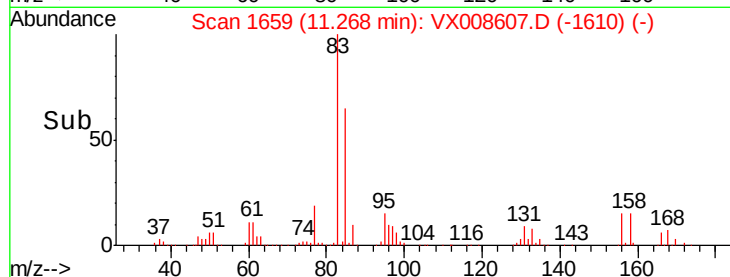
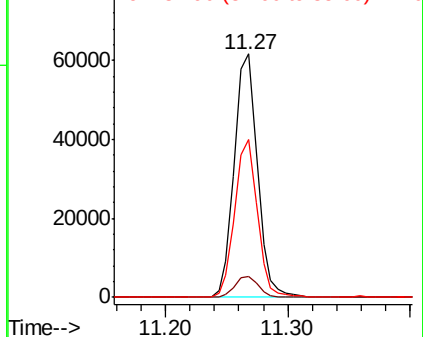
83 100

131 8.8 4.5 13.7

85 63.6 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 20.785 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008607.D

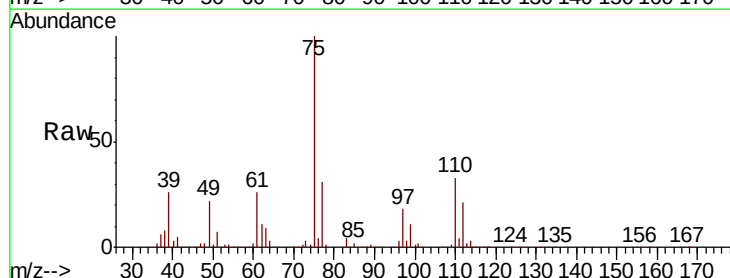
Acq: 03 Apr 2019 10:19

Tgt Ion: 75 Resp: 91781

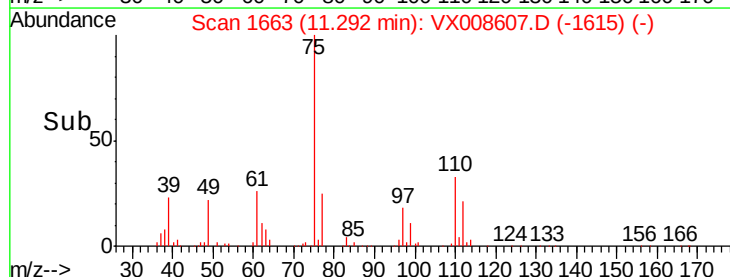
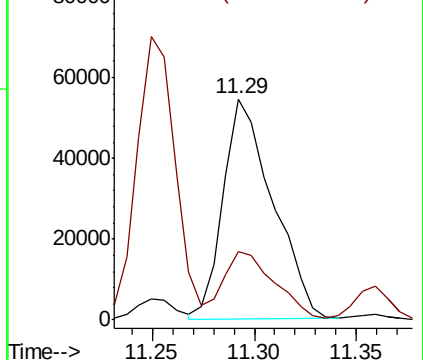
Ion Ratio Lower Upper

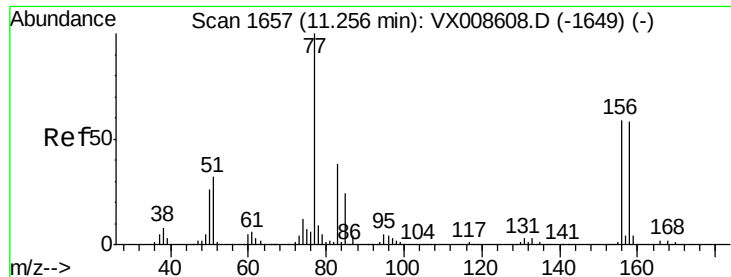
75 100

77 32.4 22.3 66.8



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





#77

Bromobenzene

Concen: 17.081 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

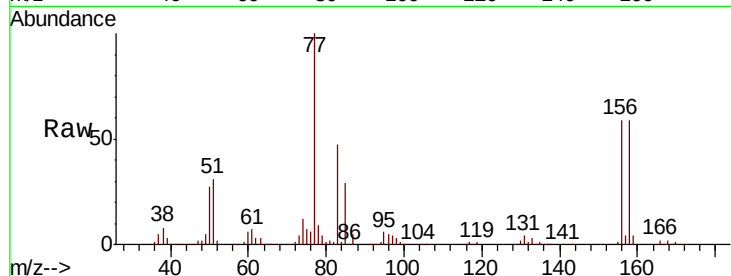
Tot Ion:156 Resp: 50830

Ion Ratio Lower Upper

156 100

77 180.7 89.8 269.6

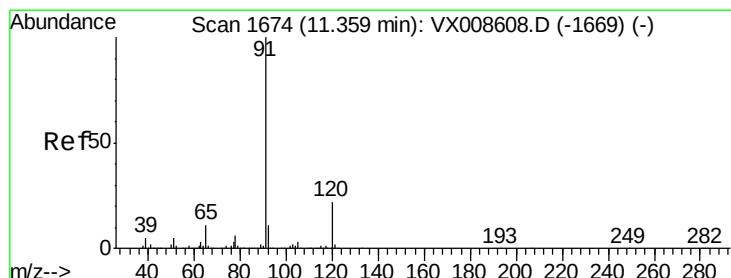
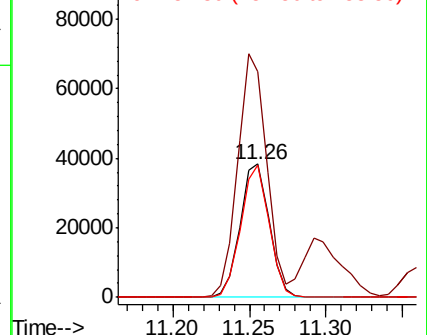
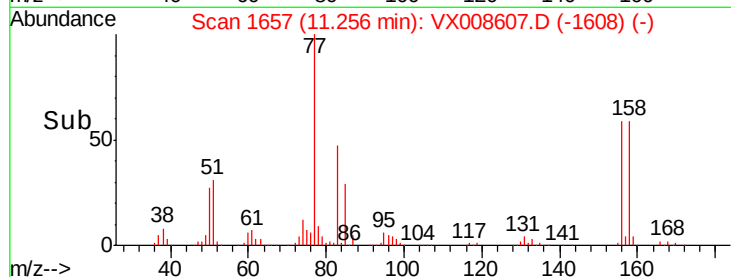
158 96.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.235 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008607.D

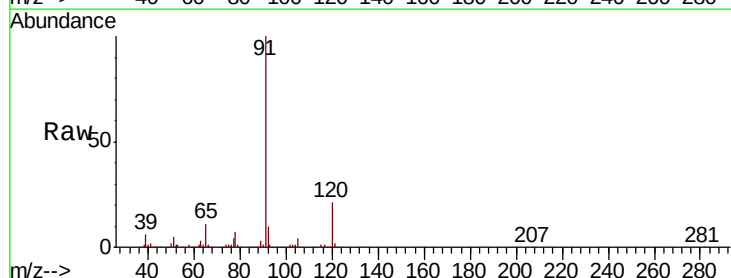
Acq: 03 Apr 2019 10:19

Tgt Ion: 91 Resp: 248411

Ion Ratio Lower Upper

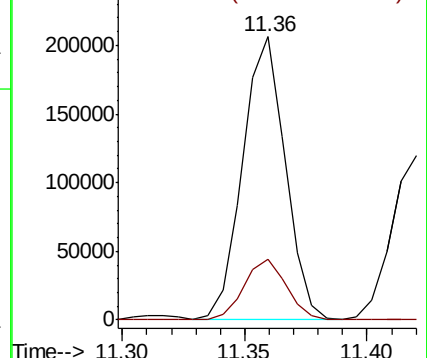
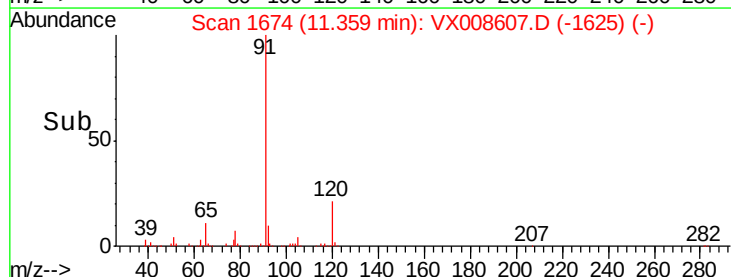
91 100

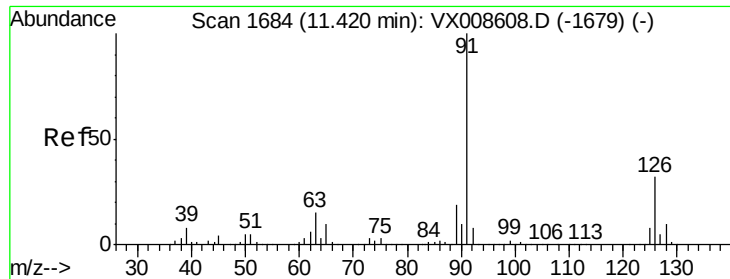
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

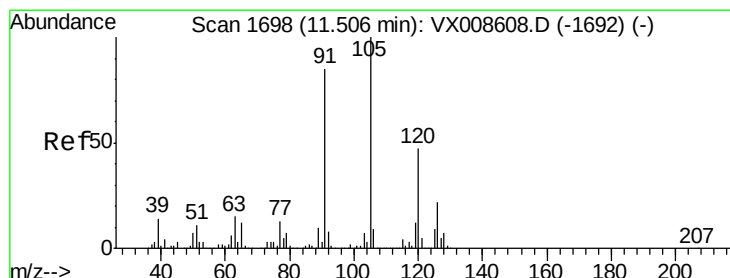
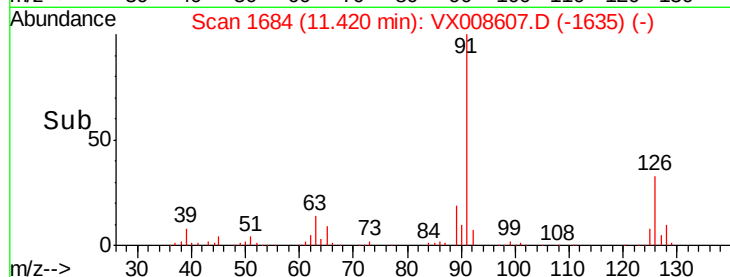
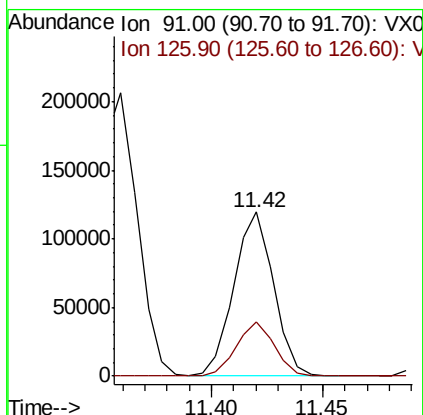
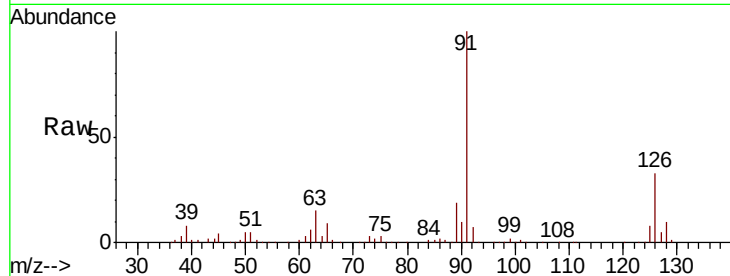




#79
 2-Chlorotoluene
 Concen: 16.933 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

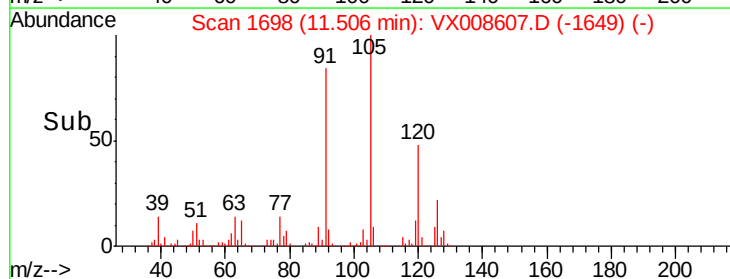
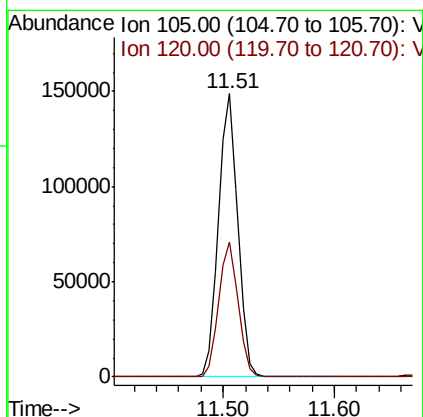
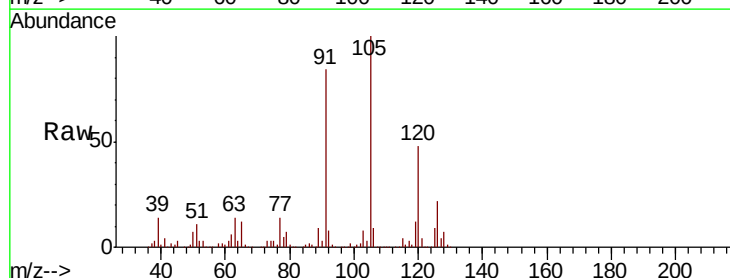
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

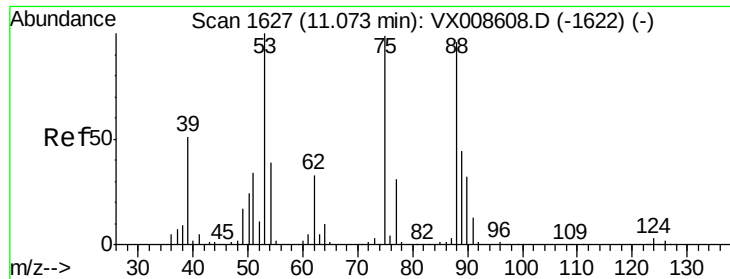
Tot Ion: 91 Resp: 147688
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 17.210 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Tgt Ion: 105 Resp: 178823
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.341 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

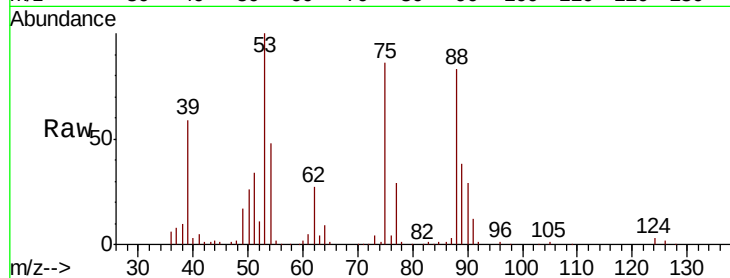
Tot Ion: 75 Resp: 24324

Ion Ratio Lower Upper

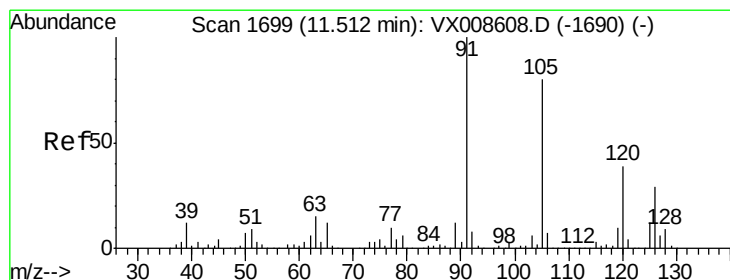
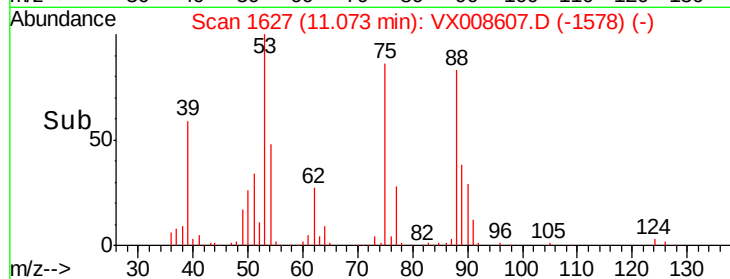
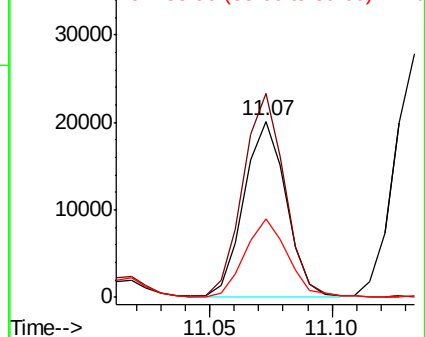
75 100

53 113.2 81.3 121.9

89 45.5 35.6 53.4



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: 16.718 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008607.D

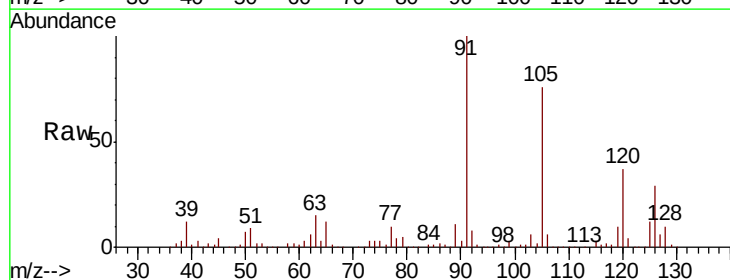
Acq: 03 Apr 2019 10:19

Tgt Ion: 91 Resp: 168792

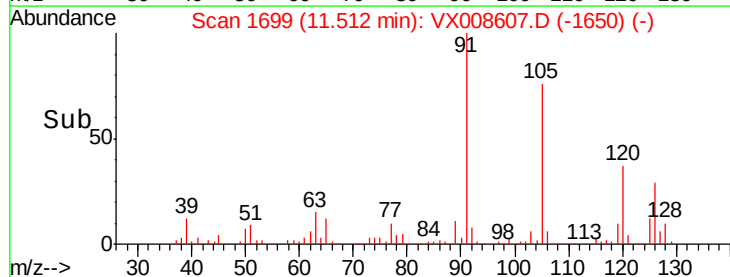
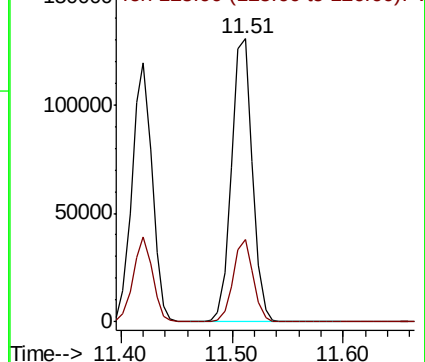
Ion Ratio Lower Upper

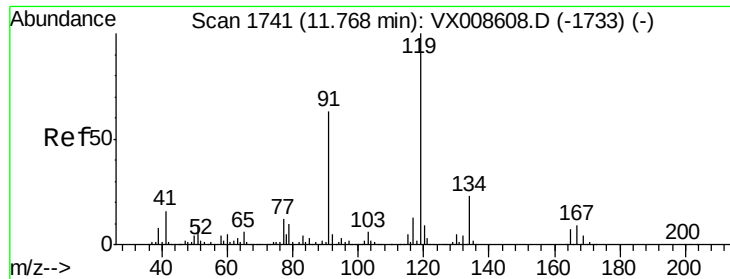
91 100

126 28.1 13.9 41.6



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

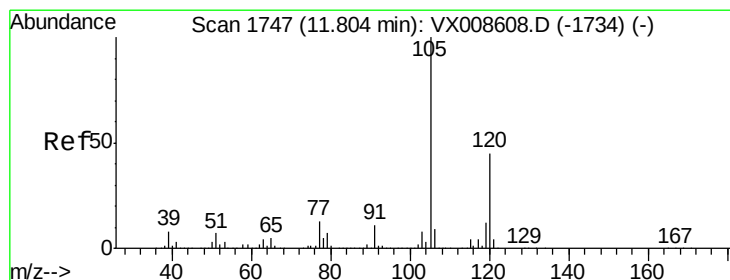
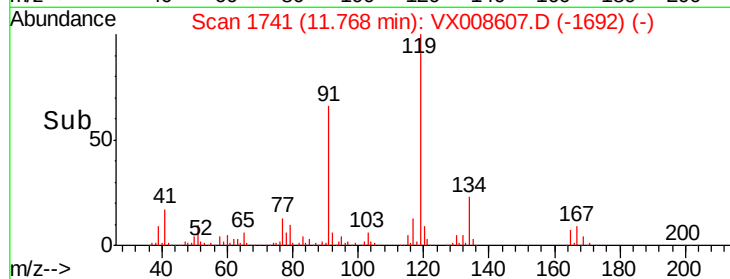
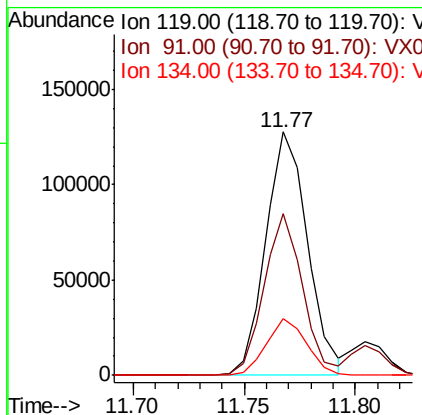
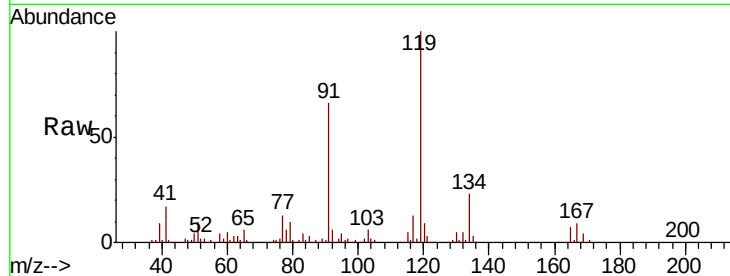




#83
 tert-Butylbenzene
 Concen: 16.647 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

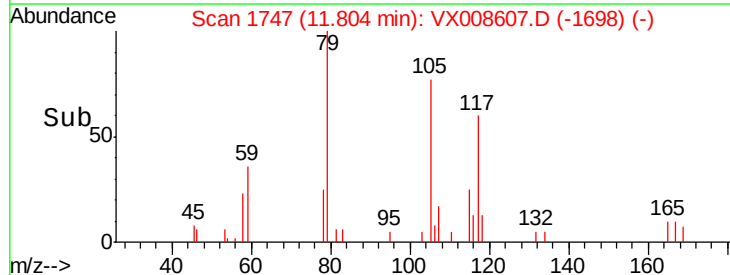
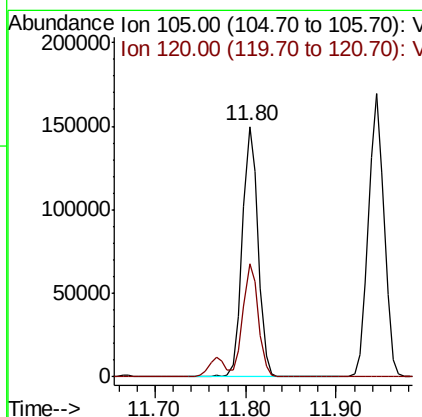
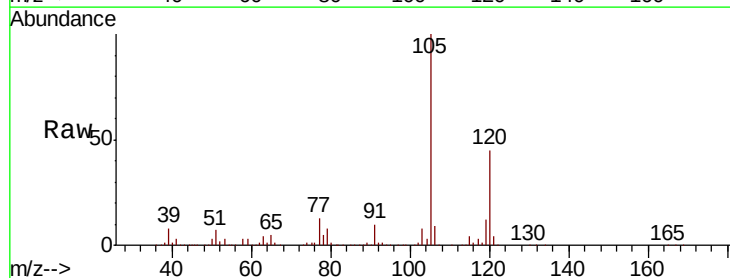
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

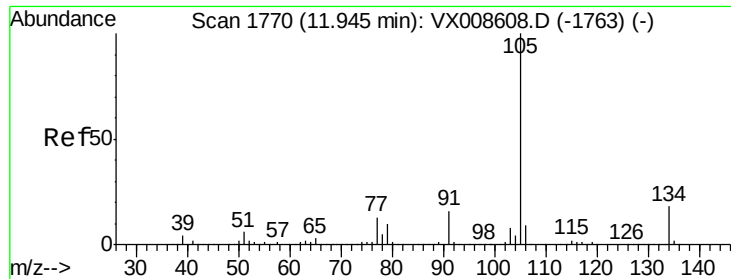
Tot Ion:119 Resp: 166415
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.0 90.1
 134 22.4 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 17.131 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Tgt Ion:105 Resp: 180239
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 17.162 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

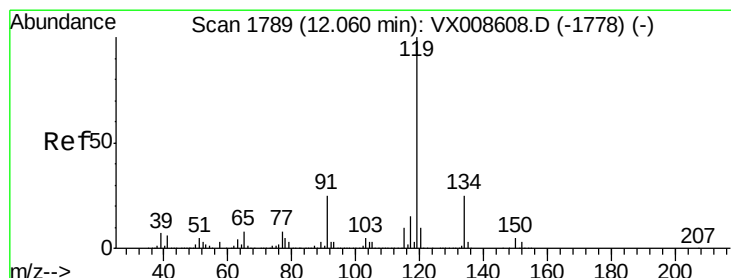
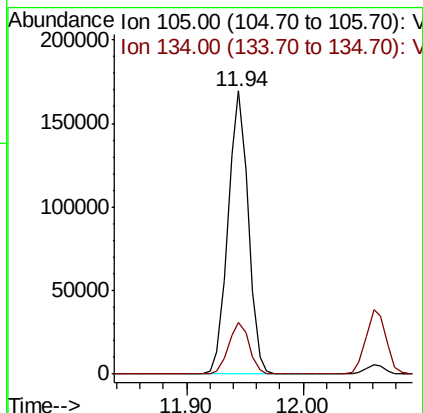
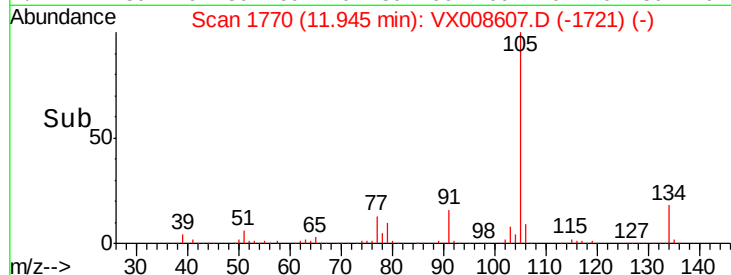
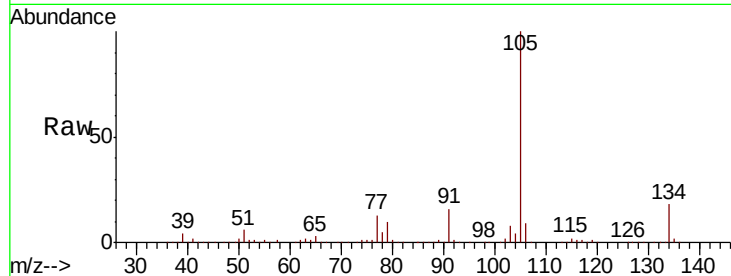
VSTDIC020

Tot Ion:105 Resp: 203782

Ion Ratio Lower Upper

105 100

134 18.6 9.4 28.2



#86

p-Isopropyltoluene

Concen: 17.153 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

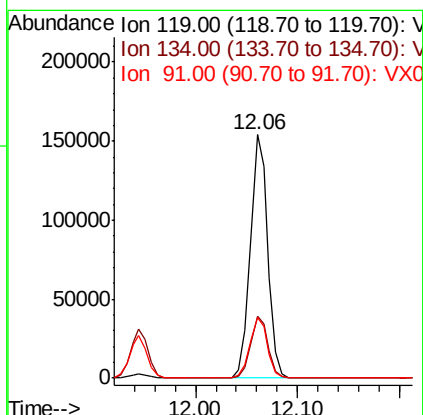
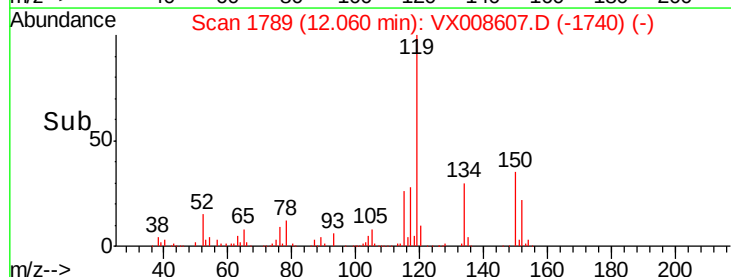
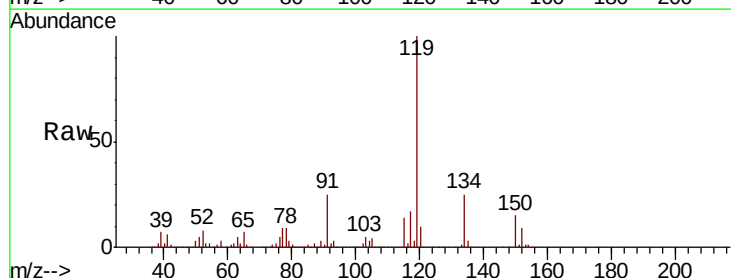
Tgt Ion:119 Resp: 182808

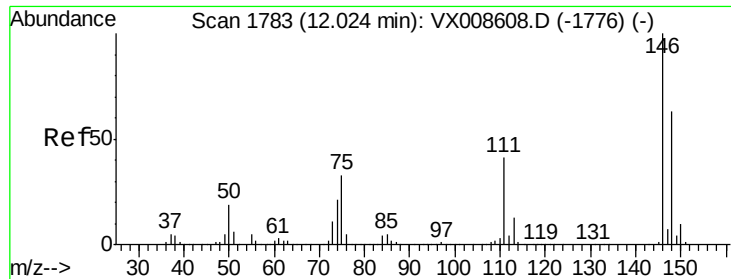
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 25.0 12.2 36.6

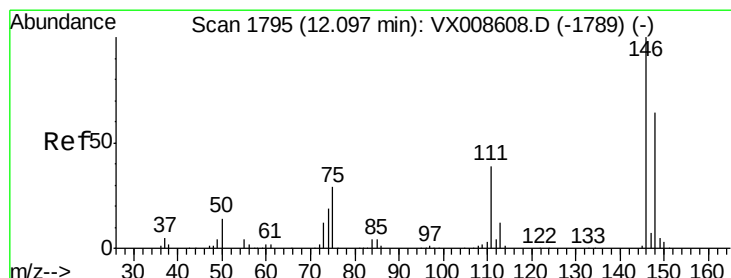
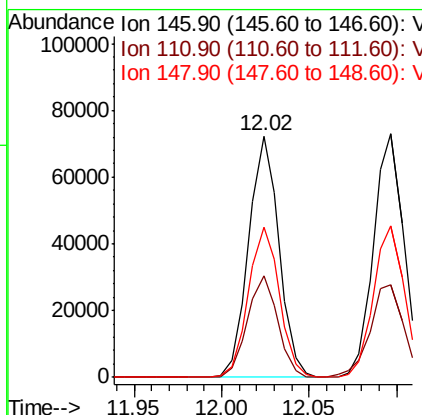
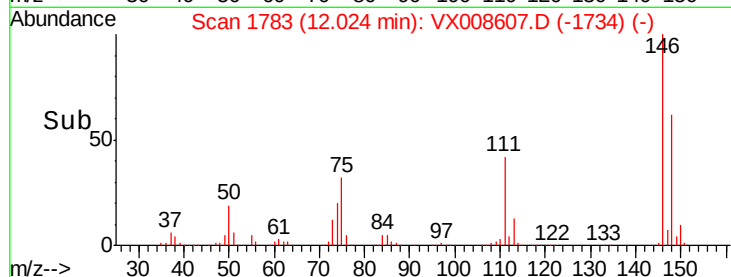
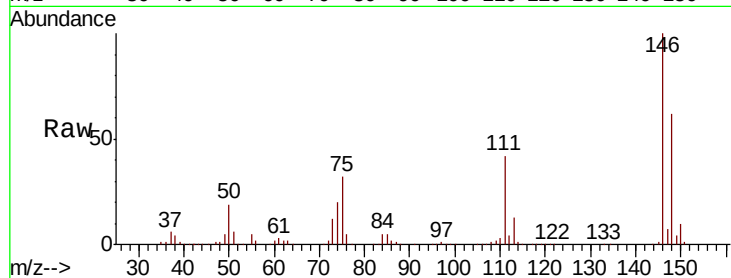




#87
 1,3-Dichlorobenzene
 Concen: 16.406 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

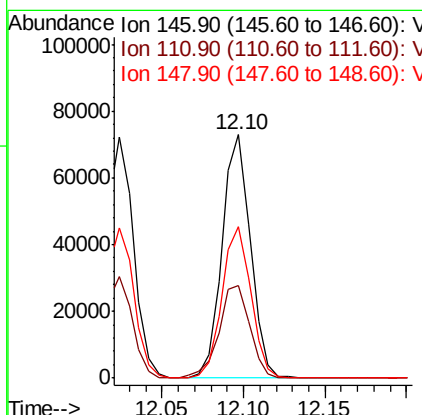
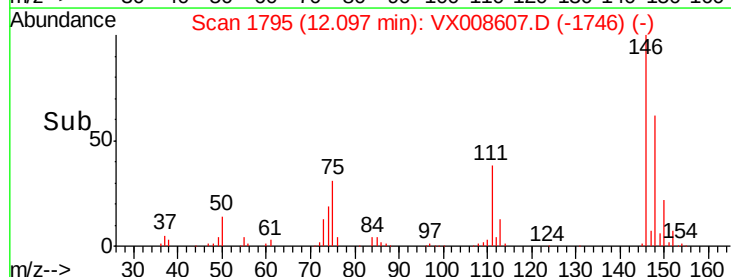
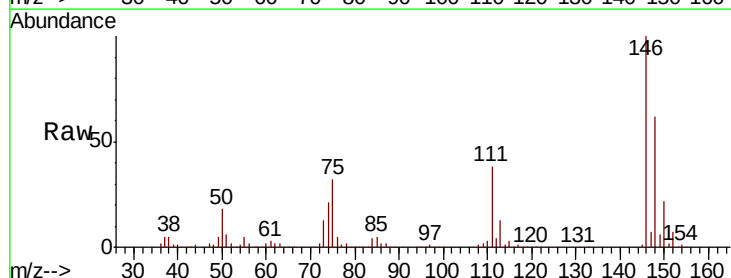
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

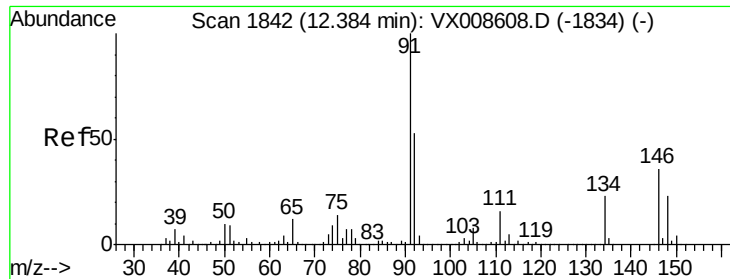
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.5	61.5
148	63.4	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 16.293 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.2	60.6
148	63.7	32.0	96.0

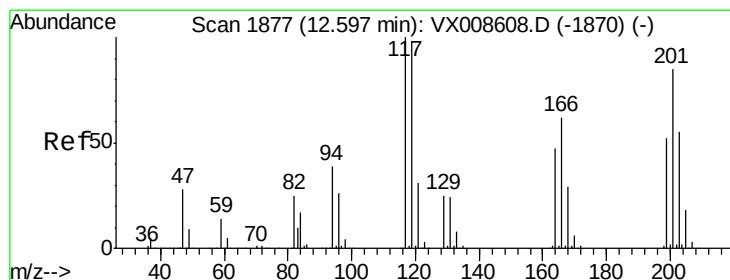
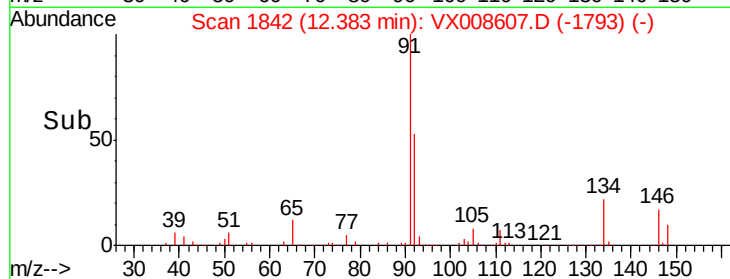
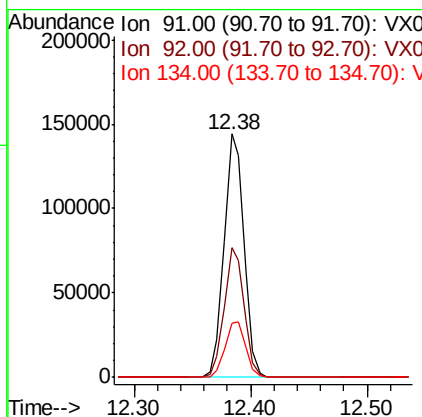
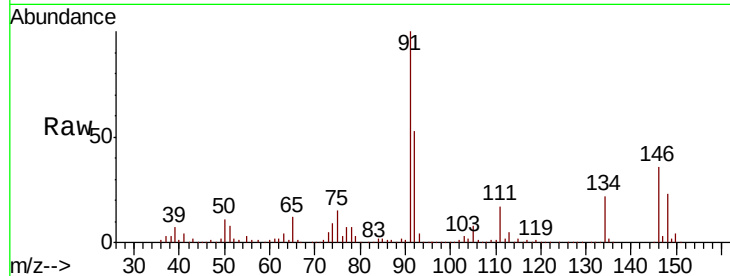




#89
n-Butylbenzene
Concen: 17.014 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

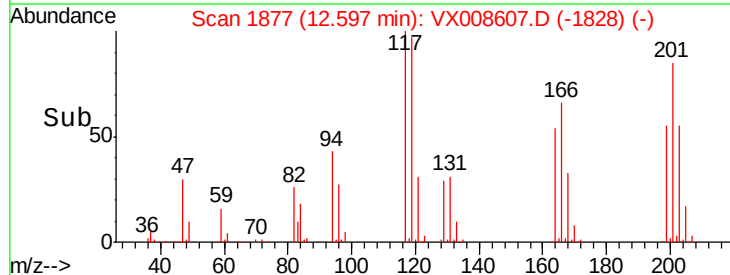
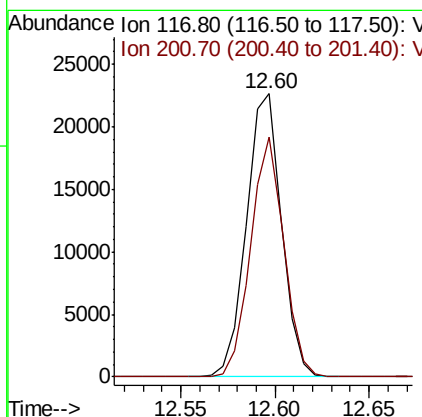
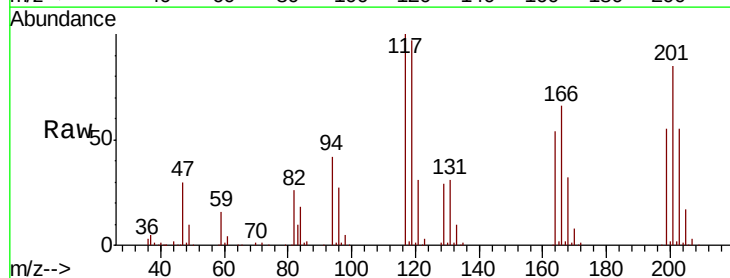
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

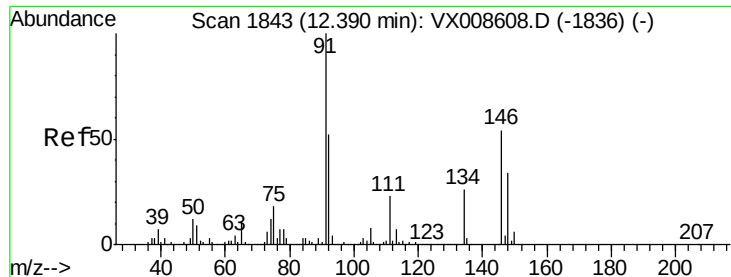
Tot Ion: 91 Resp: 170047
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 23.7 12.0 36.0



#90
Hexachloroethane
Concen: 16.521 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008607.D
Acq: 03 Apr 2019 10:19

Tgt Ion: 117 Resp: 29203
Ion Ratio Lower Upper
117 100
201 79.9 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 16.683 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

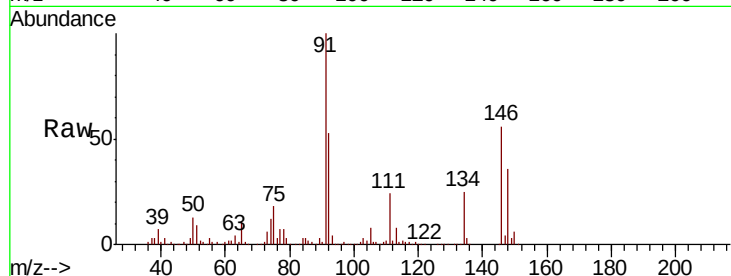
Tot Ion:146 Resp: 88243

Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.9

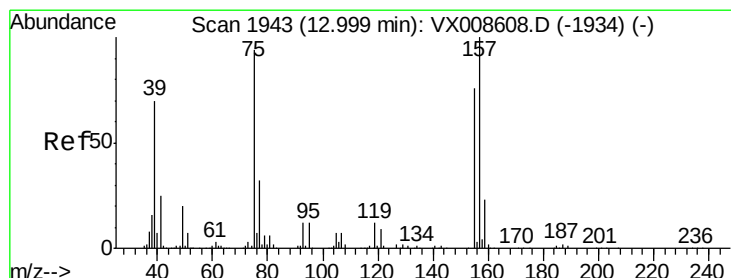
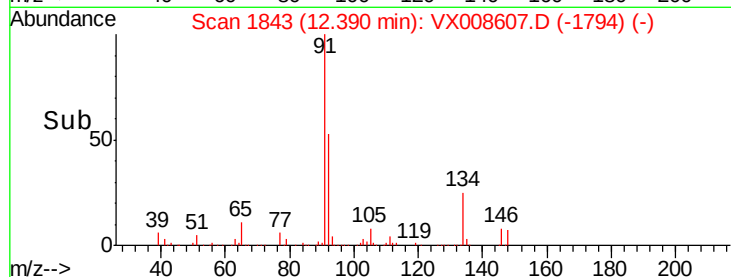
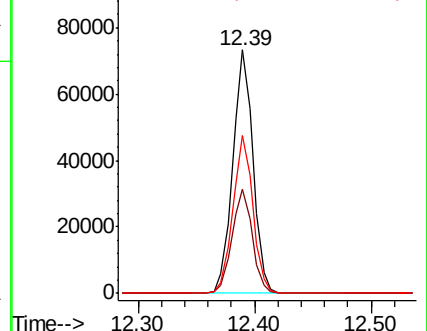
148 64.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.627 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

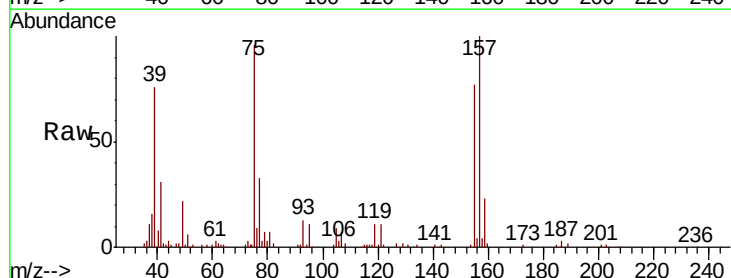
Tgt Ion: 75 Resp: 17219

Ion Ratio Lower Upper

75 100

155 79.4 39.9 119.6

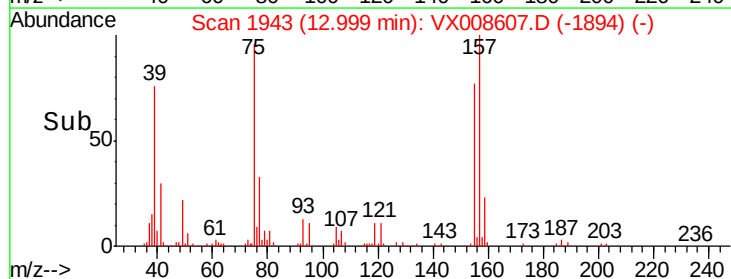
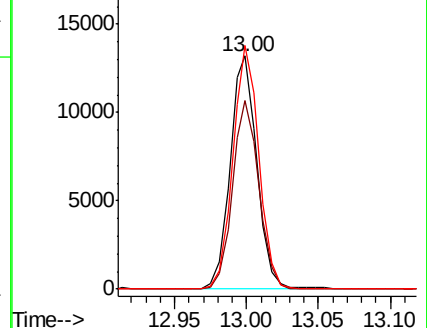
157 100.8 51.5 154.7

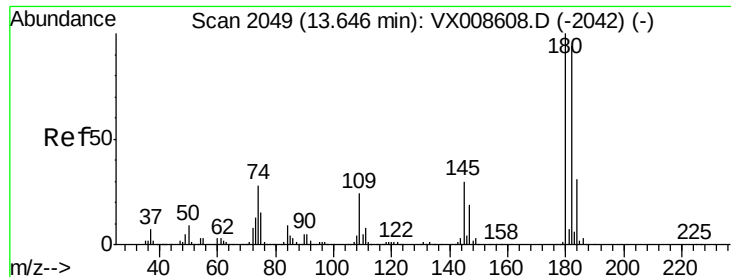


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

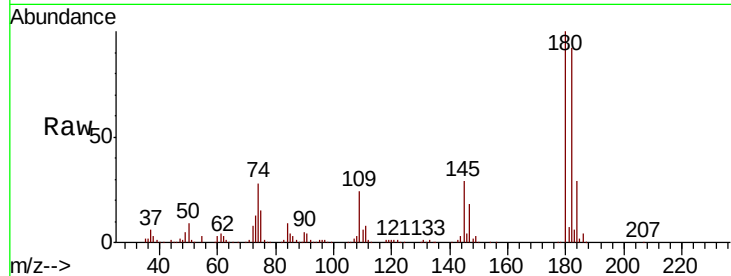




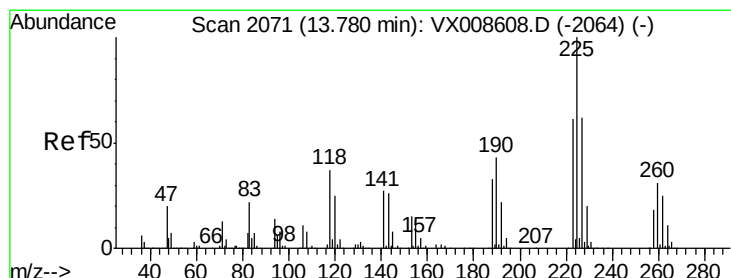
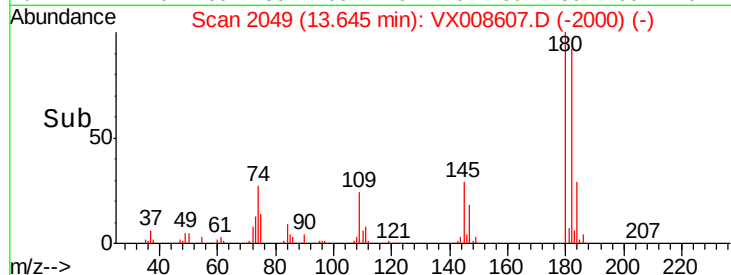
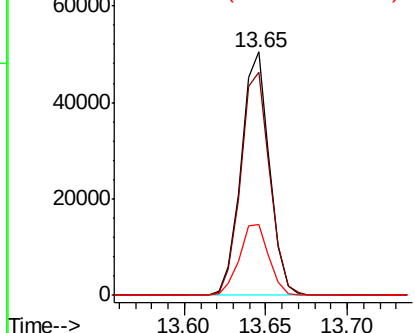
#93
 1,2,4-Trichlorobenzene
 Concen: 16.532 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:180 Resp: 60799
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.2 141.6
 145 30.6 15.3 45.9

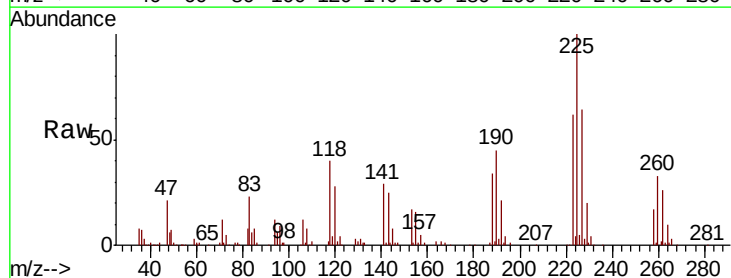


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

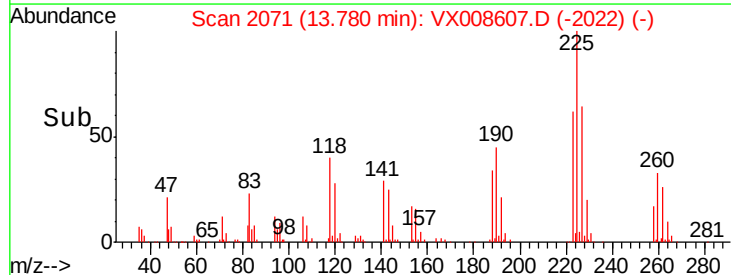
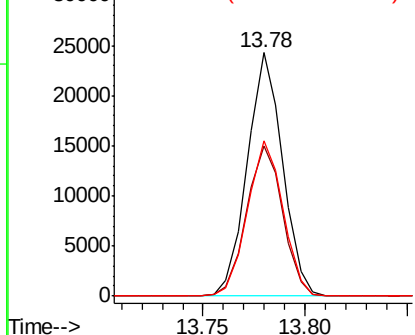


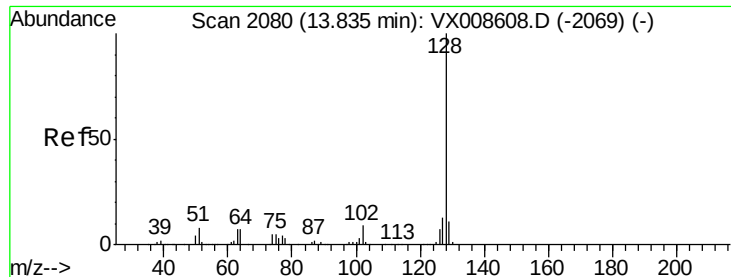
#94
 Hexachlorobutadiene
 Concen: 16.573 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008607.D
 Acq: 03 Apr 2019 10:19

Tgt Ion:225 Resp: 29231
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.2 93.6
 227 64.4 31.9 95.5



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: 16.855 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

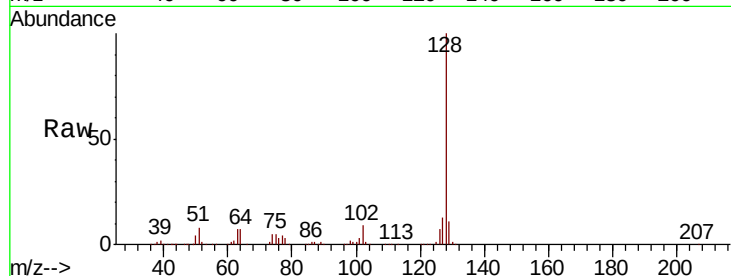
Tot Ion:128 Resp: 207168

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

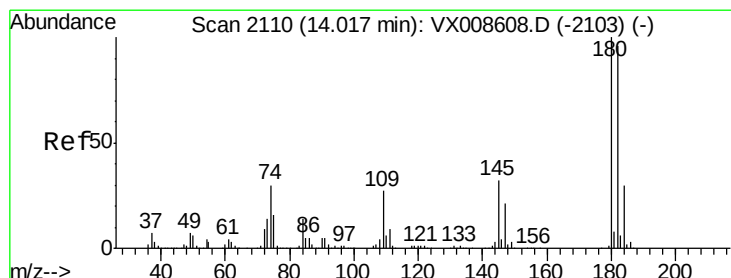
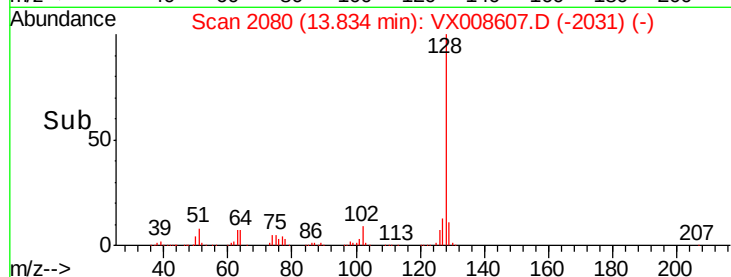
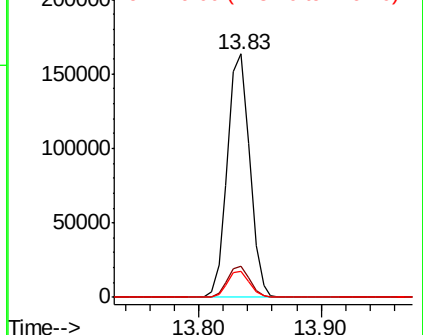
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.596 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008607.D

Acq: 03 Apr 2019 10:19

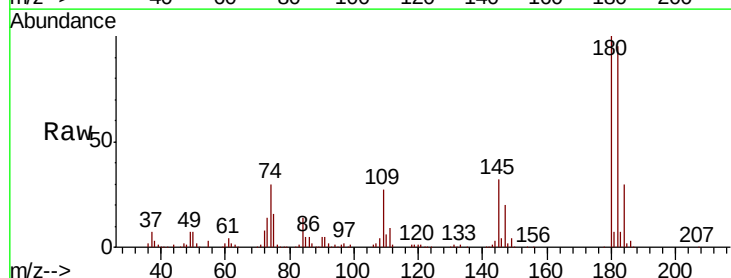
Tgt Ion:180 Resp: 60982

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.3

145 32.2 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

