

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008952.D
 Acq On : 15 Apr 2019 10:46
 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 16 01:43:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160787	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	73127	21.38	ug/l	0.00
Spiked Amount			Recovery	=	42.76%	
35) Dibromofluoromethane	5.50	113	53660	21.98	ug/l	0.00
Spiked Amount			Recovery	=	43.96%	
50) Toluene-d8	8.71	98	220858	22.71	ug/l	0.00
Spiked Amount			Recovery	=	45.42%	
62) 4-Bromofluorobenzene	11.13	95	77313	22.44	ug/l	0.00
Spiked Amount			Recovery	=	44.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58019	21.030	ug/l	100
3) Chloromethane	1.33	50	67551	18.016	ug/l	99
4) Vinyl Chloride	1.41	62	65699	18.056	ug/l	100
5) Bromomethane	1.65	94	32199	16.028	ug/l	99
6) Chloroethane	1.73	64	38928	16.095	ug/l	99
7) Trichlorofluoromethane	1.93	101	76070	18.818	ug/l	98
8) Diethyl Ether	2.19	74	33988	17.865	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48138	18.593	ug/l	98
10) Methyl Iodide	2.51	142	45133	20.514	ug/l	100
11) Tert butyl alcohol	3.04	59	76305	95.945	ug/l	100
12) 1,1-Dichloroethene	2.38	96	49382	18.220	ug/l	96
13) Acrolein	2.29	56	61972	135.984	ug/l	98
14) Allyl chloride	2.73	41	111380	18.016	ug/l	100
15) Acrylonitrile	3.14	53	185826	88.312	ug/l	99
16) Acetone	2.45	43	186865	96.340	ug/l	98
17) Carbon Disulfide	2.57	76	146607	16.851	ug/l	99
18) Methyl Acetate	2.78	43	80309	16.920	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	178772	18.528	ug/l	99
20) Methylene Chloride	2.86	84	56530	17.260	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	52220	17.792	ug/l	97
22) Diisopropyl ether	3.86	45	215307	18.109	ug/l	96
23) Vinyl Acetate	3.82	43	962014	92.844	ug/l	100
24) 1,1-Dichloroethane	3.70	63	105762	17.978	ug/l	99
25) 2-Butanone	4.68	43	285970	92.826	ug/l	99
26) 2,2-Dichloropropane	4.59	77	78997	18.916	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59587	17.729	ug/l	100
28) Bromochloromethane	5.02	49	53655	19.372	ug/l	99
29) Tetrahydrofuran	5.13	42	183804	89.569	ug/l	99
30) Chloroform	5.21	83	95502	18.140	ug/l	98
31) Cyclohexane	5.58	56	105806	17.937	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	78677	18.449	ug/l	100
36) 1,1-Dichloropropene	5.81	75	75465	18.256	ug/l	100
37) Ethyl Acetate	4.84	43	103497	18.831	ug/l	99
38) Carbon Tetrachloride	5.79	117	65313	19.051	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94268	18.438	ug/l	98
40) Benzene	6.14	78	229855	18.667	ug/l	100
41) Methacrylonitrile	5.04	41	59173	18.671	ug/l	99
42) 1,2-Dichloroethane	6.20	62	80287	18.197	ug/l	100
43) Isopropyl Acetate	6.45	43	161515	18.721	ug/l	100
44) Trichloroethene	7.21	130	54992	19.077	ug/l	98
45) 1,2-Dichloropropane	7.51	63	65180	18.612	ug/l	99
46) Dibromomethane	7.66	93	36606	17.960	ug/l	99
47) Bromodichloromethane	7.90	83	71954	18.723	ug/l	99
48) Methyl methacrylate	7.77	41	81553	18.733	ug/l	100
49) 1,4-Dioxane	7.74	88	30618	378.066	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	533704	96.280	ug/l	100
52) Toluene	8.79	92	138660	19.107	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	83853	19.393	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	94503	19.185	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	55575	19.064	ug/l	97
56) Ethyl methacrylate	9.18	69	100052	19.033	ug/l	99
57) 1,3-Dichloropropane	9.37	76	97617	18.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	282881	104.377	ug/l	100
59) 2-Hexanone	9.49	43	423911	98.352	ug/l	100
60) Dibromochloromethane	9.58	129	53612	19.478	ug/l	97
61) 1,2-Dibromoethane	9.67	107	56868	18.743	ug/l	98
64) Tetrachloroethene	9.34	164	51682	20.453	ug/l	98
65) Chlorobenzene	10.14	112	140695	18.855	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	49607	18.957	ug/l	100
67) Ethyl Benzene	10.25	91	259880	18.729	ug/l	100
68) m/p-Xylenes	10.36	106	186049	37.238	ug/l	99
69) o-Xylene	10.70	106	90297	18.644	ug/l	99
70) Styrene	10.71	104	158727	19.011	ug/l	99
71) Bromoform	10.85	173	38933	19.382	ug/l #	97
73) Isopropylbenzene	11.02	105	244114	18.754	ug/l	100
74) N-amyl acetate	10.90	43	141861	18.536	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89839	18.196	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	107363	24.895	ug/l	80
77) Bromobenzene	11.26	156	59710	18.974	ug/l	99
78) n-propylbenzene	11.36	91	281801	18.602	ug/l	100
79) 2-Chlorotoluene	11.42	91	166771	18.201	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	205688	18.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30352	19.241	ug/l	94
82) 4-Chlorotoluene	11.51	91	190344	17.937	ug/l	99
83) tert-Butylbenzene	11.77	119	191077	18.185	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	207267	18.755	ug/l	99
85) sec-Butylbenzene	11.94	105	235112	18.835	ug/l	100
86) p-Isopropyltoluene	12.06	119	217043	19.313	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	105189	18.681	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	105297	18.438	ug/l	99
89) n-Butylbenzene	12.38	91	202670	19.250	ug/l	99
90) Hexachloroethane	12.60	117	34424	18.451	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	103621	18.537	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19973	18.335	ug/l	100

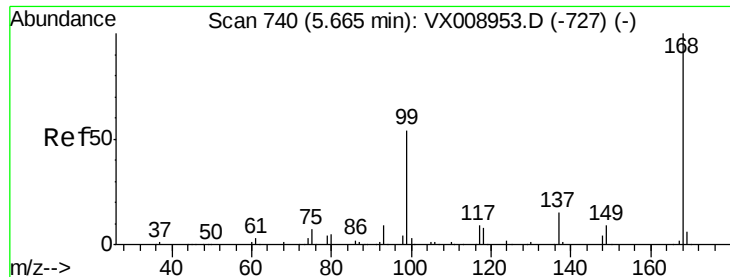
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041519\
Data File : VX008952.D
Acq On : 15 Apr 2019 10:46
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MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Apr 16 01:43:53 2019
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Quant Title : SW846 8260
QLast Update : Tue Apr 16 01:38:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	76232	19.448	ug/l	99
94) Hexachlorobutadiene	13.78	225	38181	20.324	ug/l	99
95) Naphthalene	13.83	128	249463	19.218	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	75307	19.268	ug/l	99

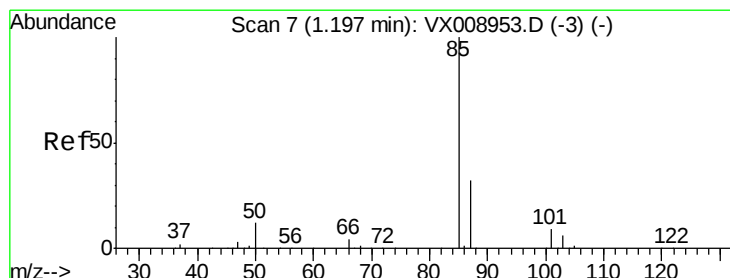
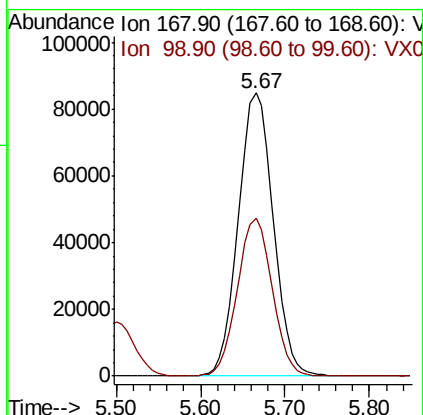
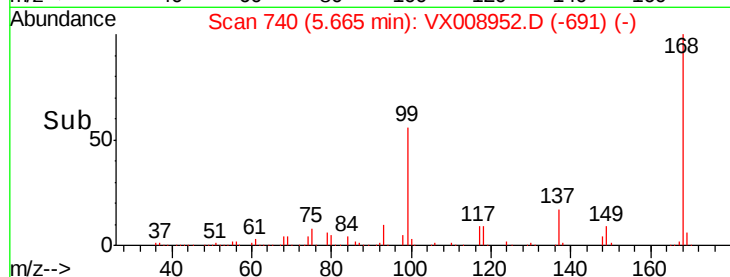
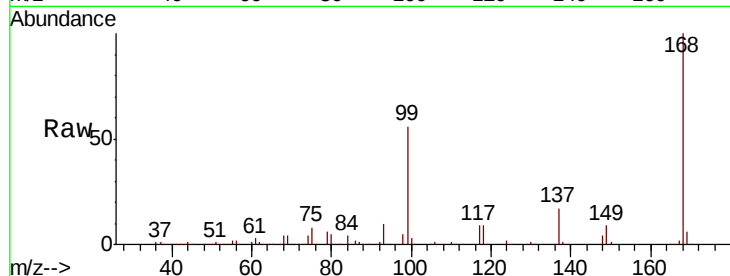
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

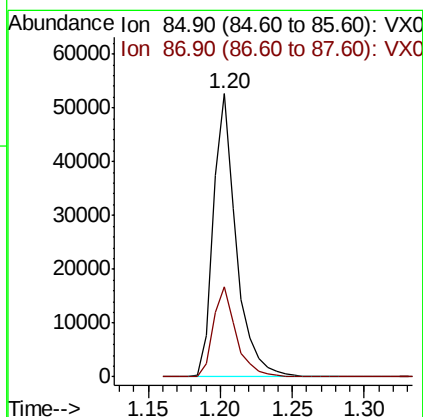
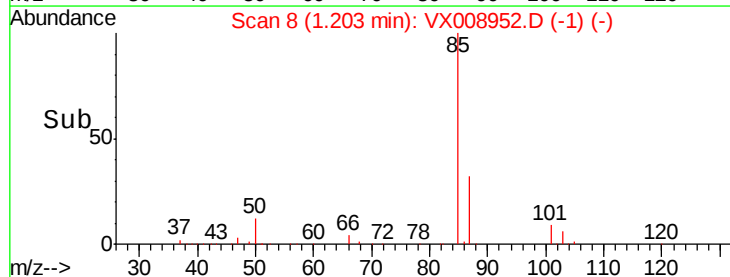
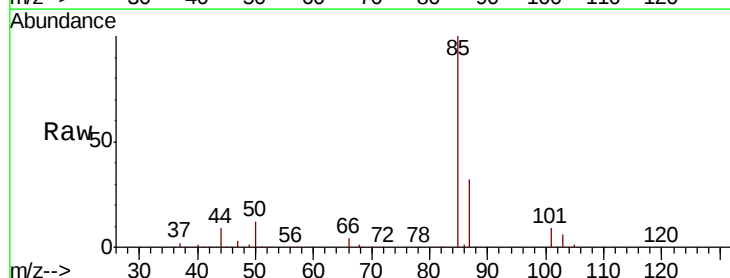
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

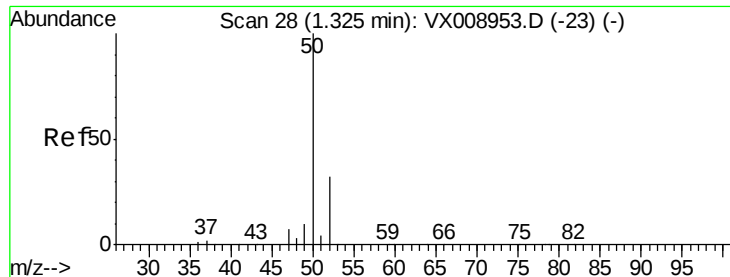
Tot Ion:168 Resp: 238805
Ion Ratio Lower Upper
168 100
99 55.6 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 21.030 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion: 85 Resp: 58019
Ion Ratio Lower Upper
85 100
87 31.8 16.0 47.9





#3

Chloromethane

Concen: 18.016 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

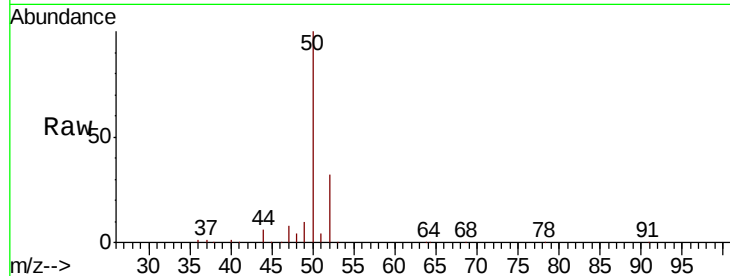
VSTDIC020

Tot Ion: 50 Resp: 67551

Ion Ratio Lower Upper

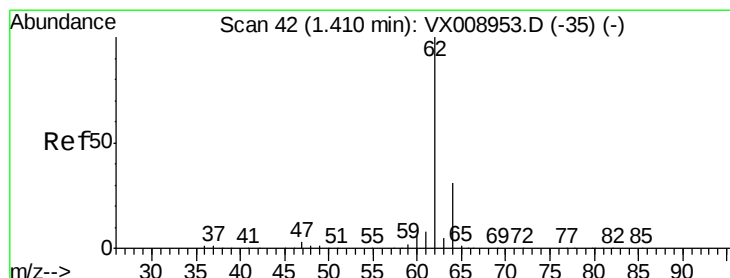
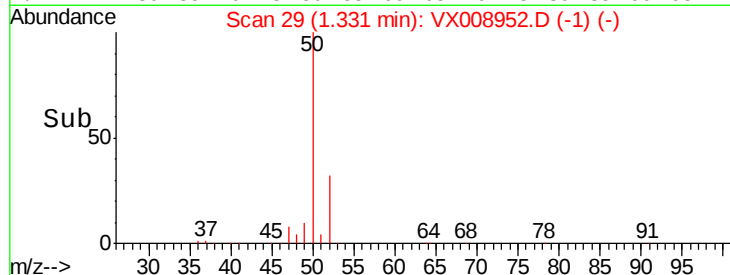
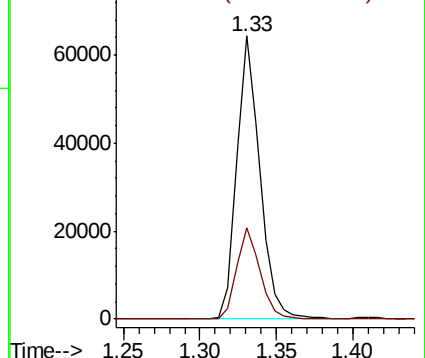
50 100

52 32.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.056 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008952.D

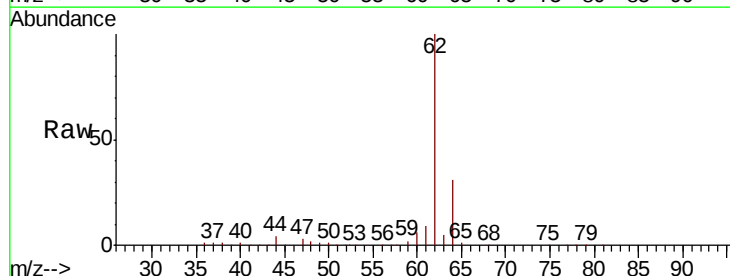
Acq: 15 Apr 2019 10:46

Tgt Ion: 62 Resp: 65699

Ion Ratio Lower Upper

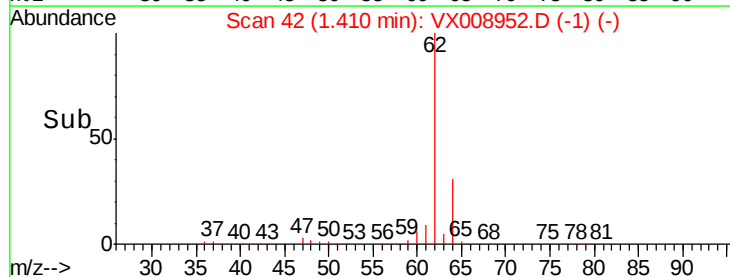
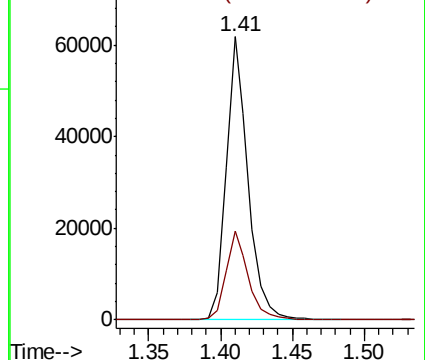
62 100

64 31.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.028 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampled :

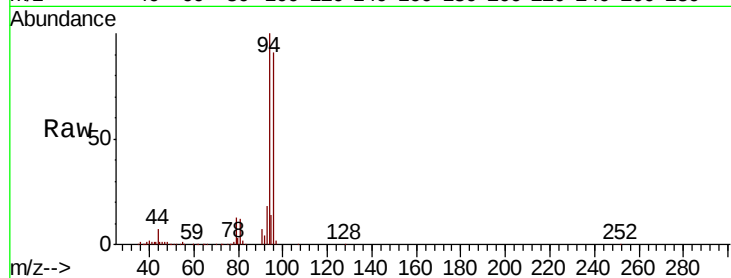
VSTDIC020

Tot Ion: 94 Resp: 32199

Ion Ratio Lower Upper

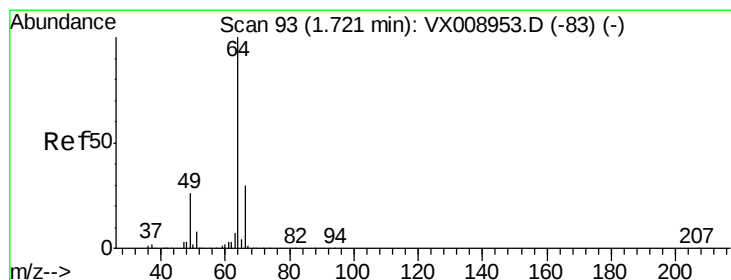
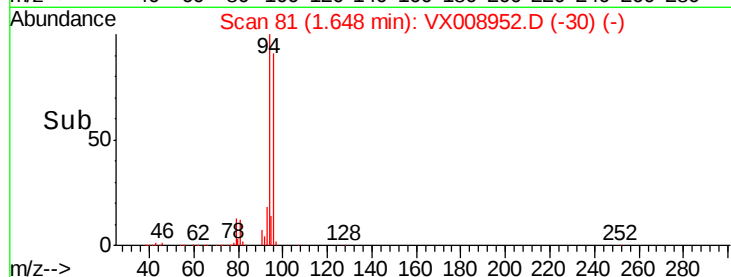
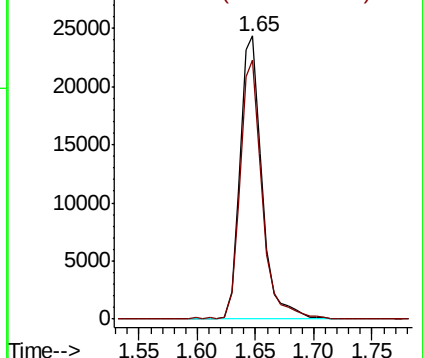
94 100

96 91.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.095 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX008952.D

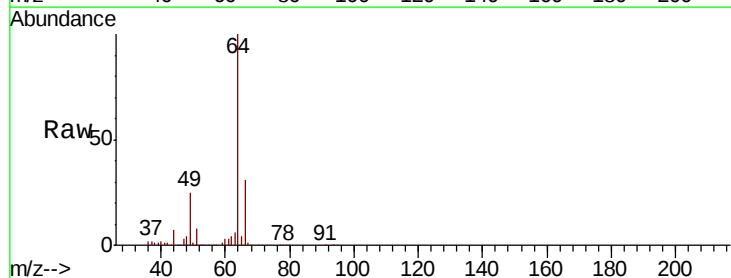
Acq: 15 Apr 2019 10:46

Tgt Ion: 64 Resp: 38928

Ion Ratio Lower Upper

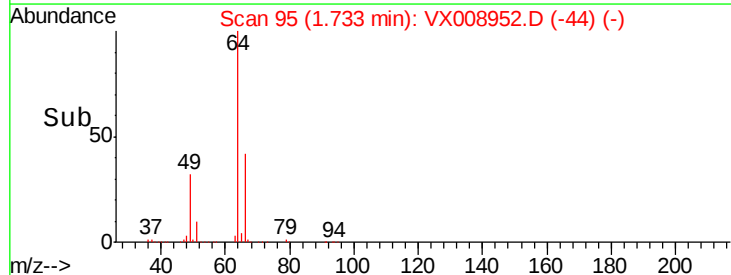
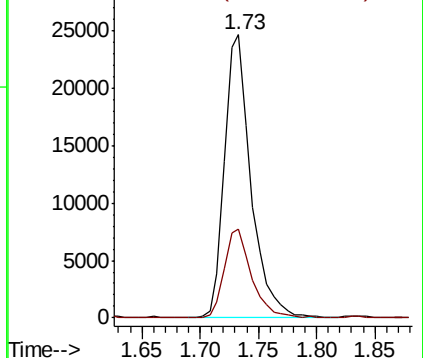
64 100

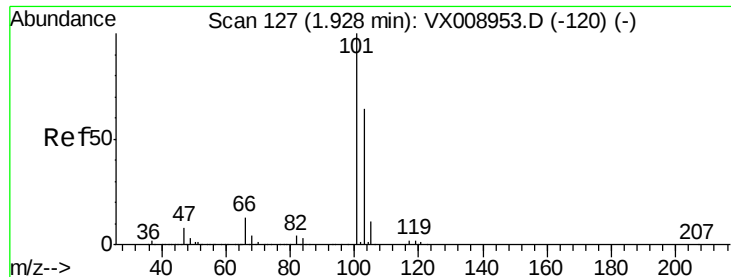
66 31.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



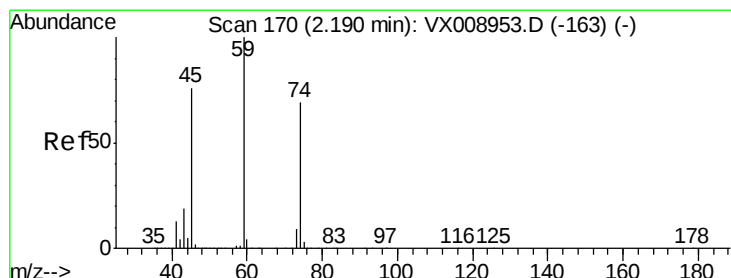
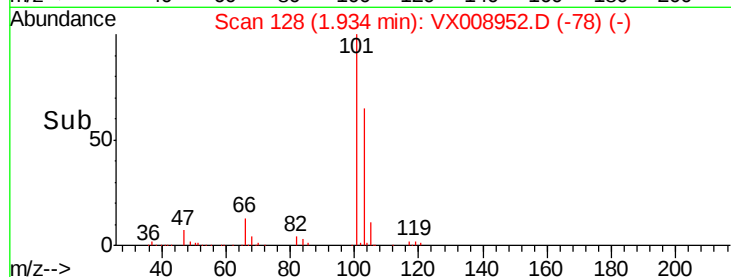
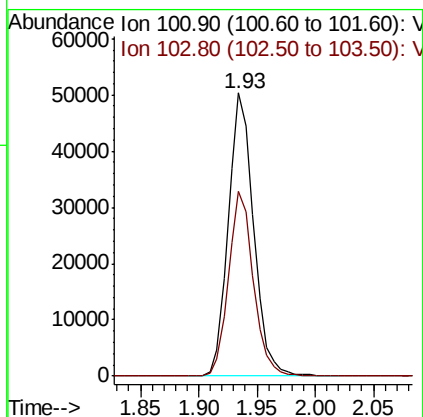
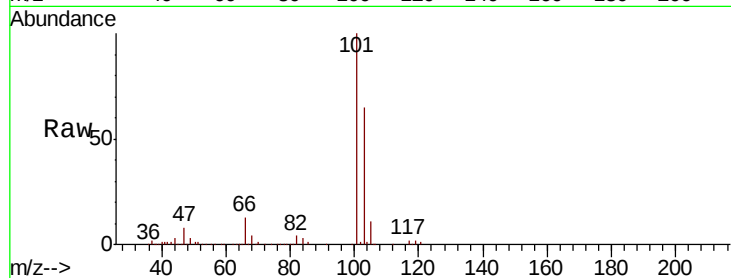


#7

Trichlorofluoromethane
 Concen: 18.818 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Instrument :
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 ClientSampleId :
 VSTDIC020

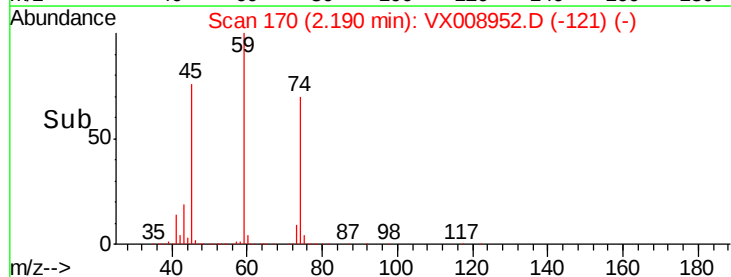
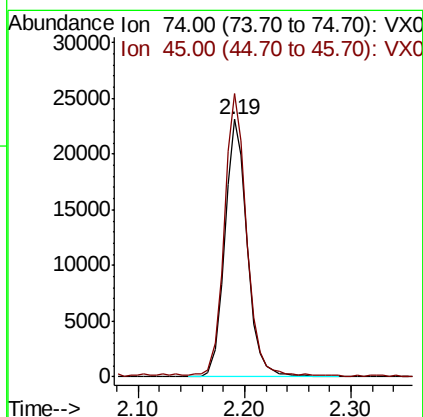
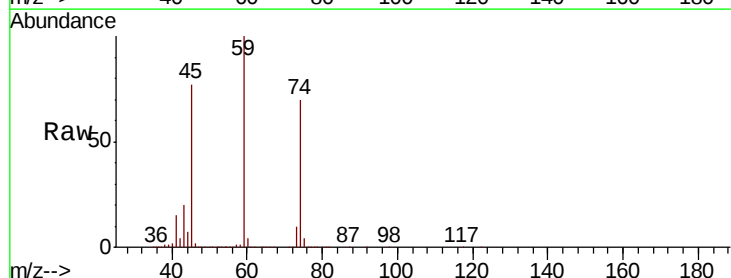
Tot Ion:101 Resp: 76070
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.0 76.6

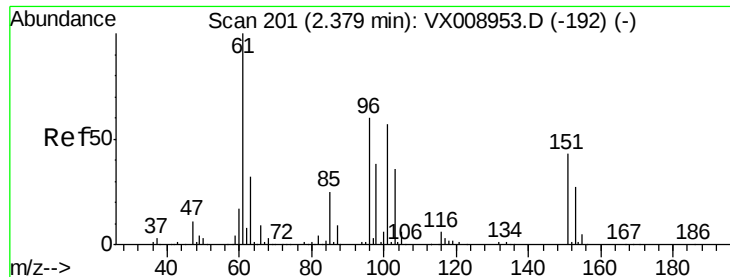


#8

Diethyl Ether
 Concen: 17.865 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion: 74 Resp: 33988
 Ion Ratio Lower Upper
 74 100
 45 107.1 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.593 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

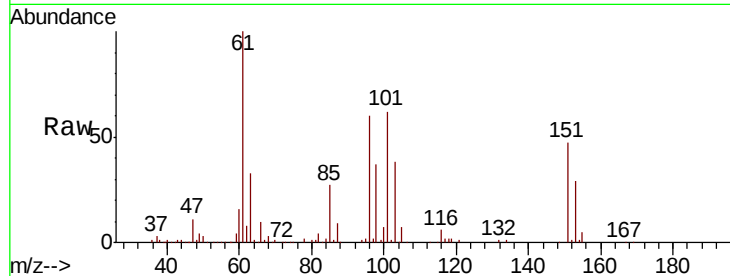
Tot Ion:101 Resp: 48138

Ion Ratio Lower Upper

101 100

85 42.9 35.7 53.5

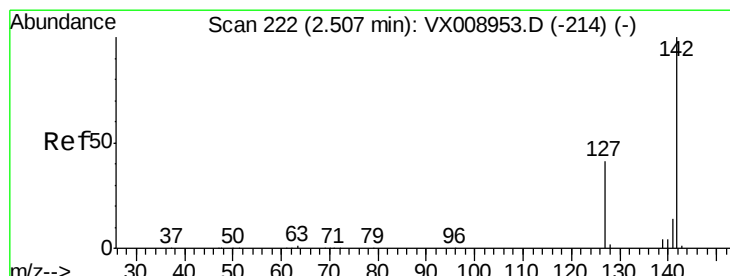
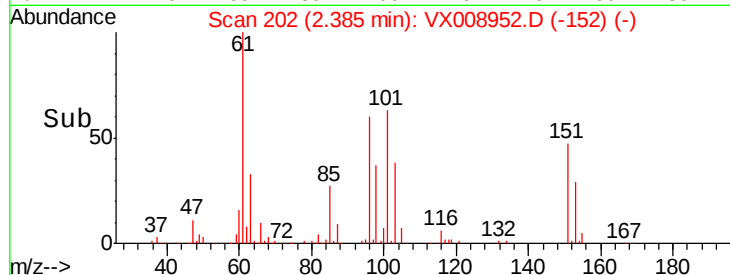
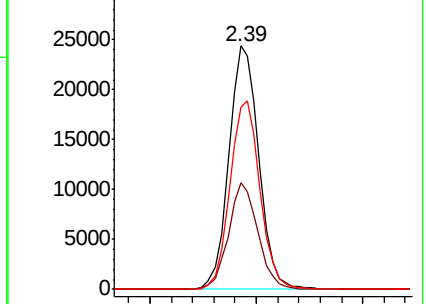
151 77.6 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.514 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

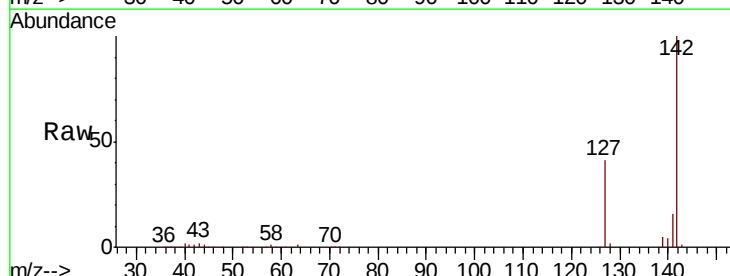
Tgt Ion:142 Resp: 45133

Ion Ratio Lower Upper

142 100

127 41.1 32.8 49.2

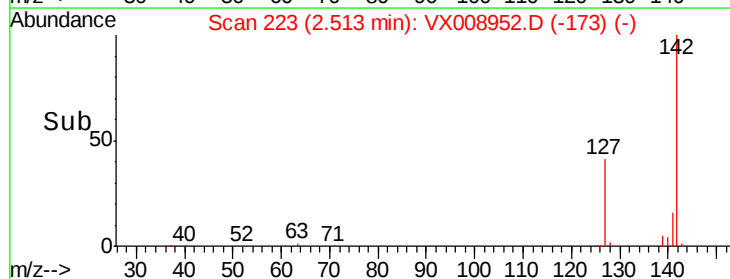
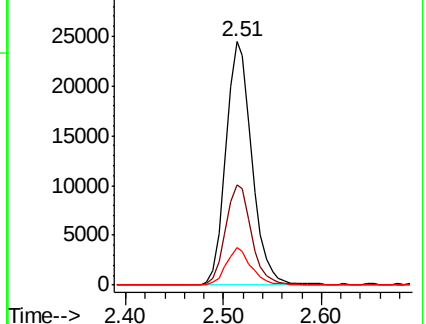
141 14.7 11.4 17.2

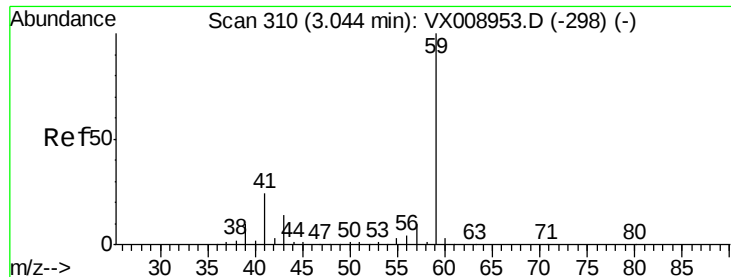


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



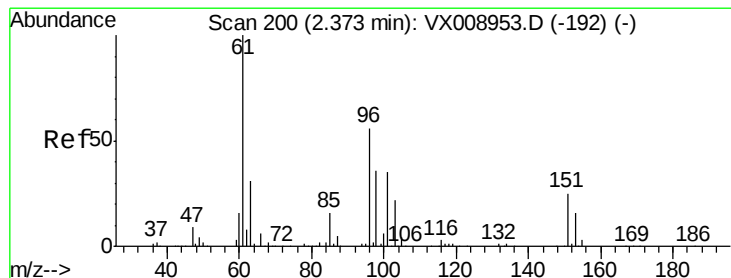
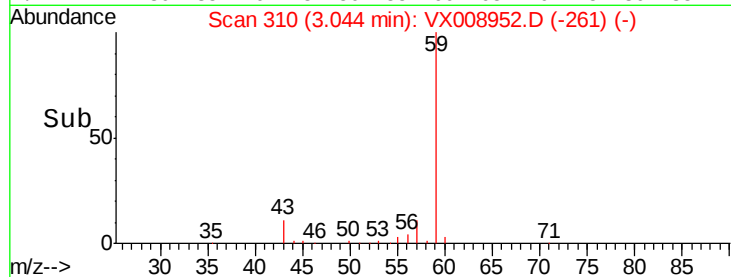
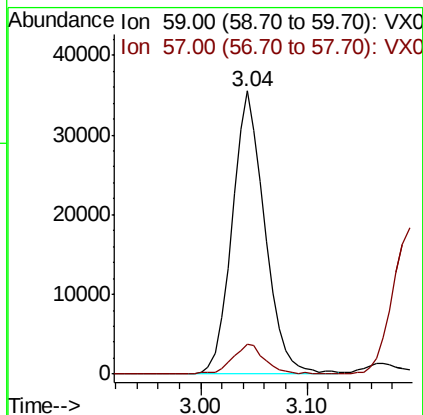
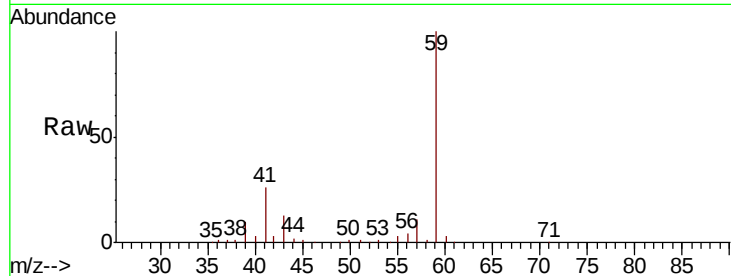


#11

Tert butyl alcohol
 Concen: 95.945 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

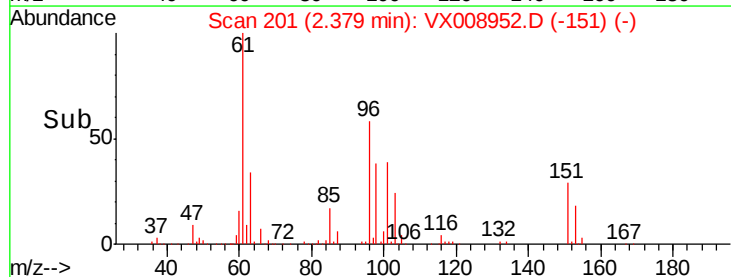
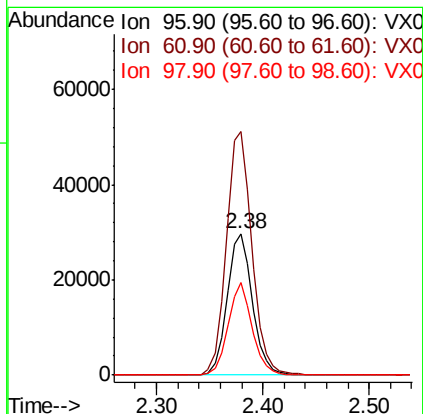
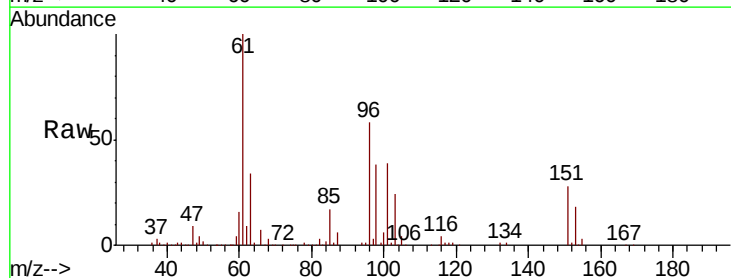
Tot Ion: 59 Resp: 76305
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

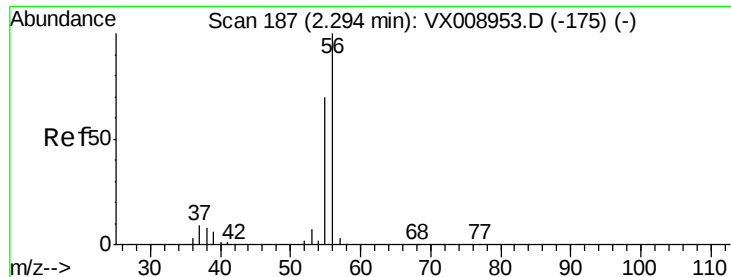


#12

1,1-Dichloroethene
 Concen: 18.220 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion: 96 Resp: 49382
 Ion Ratio Lower Upper
 96 100
 61 172.2 142.2 213.2
 98 65.5 50.9 76.3





#13

Acrolein

Concen: 135.984 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

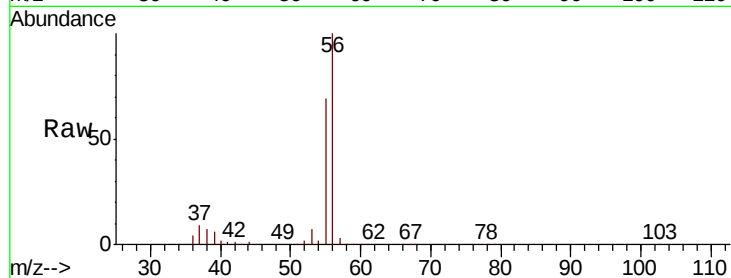
VSTDIC020

Tot Ion: 56 Resp: 61972

Ion Ratio Lower Upper

56 100

55 68.9 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

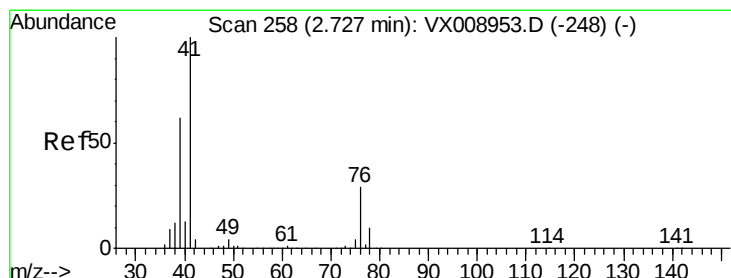
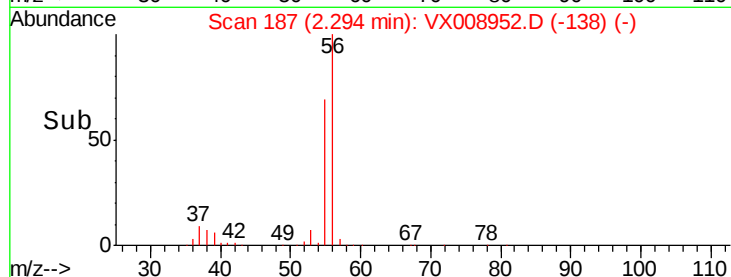
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 18.016 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

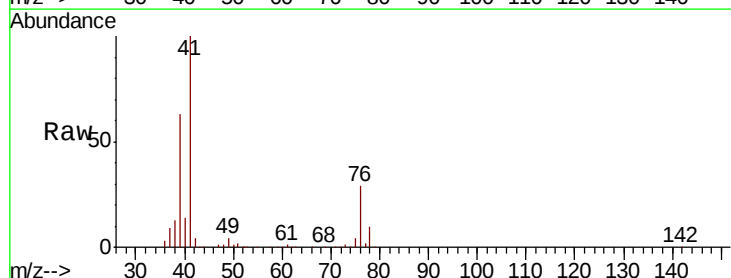
Tgt Ion: 41 Resp: 111380

Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

76 27.2 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

120000

100000

80000

60000

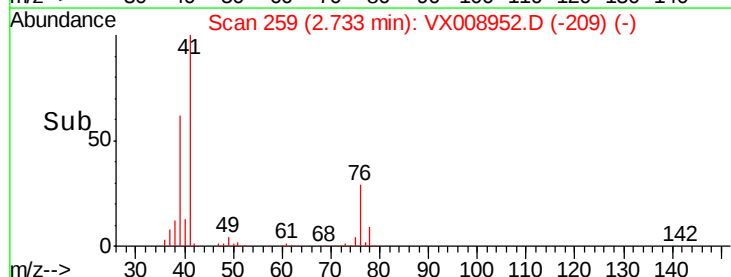
40000

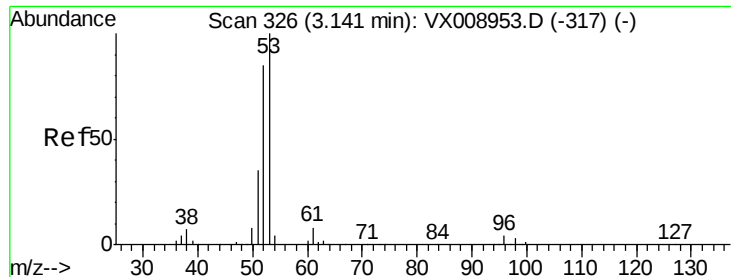
20000

0

Time-->

2.60 2.70 2.80

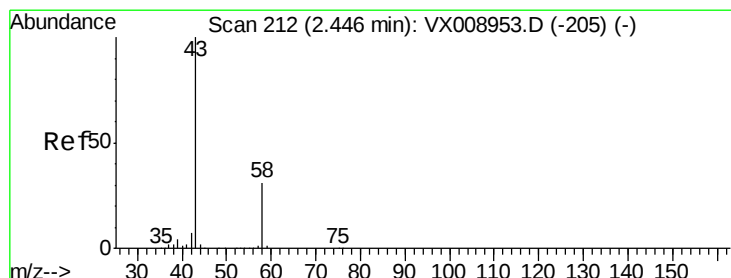
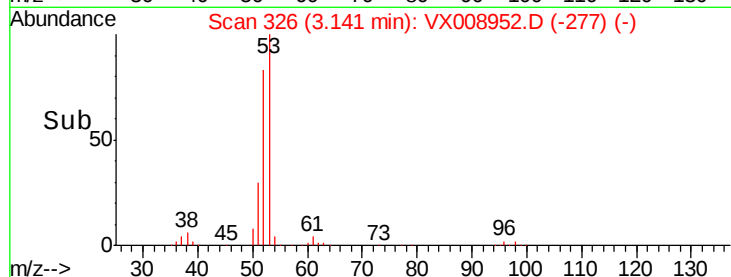
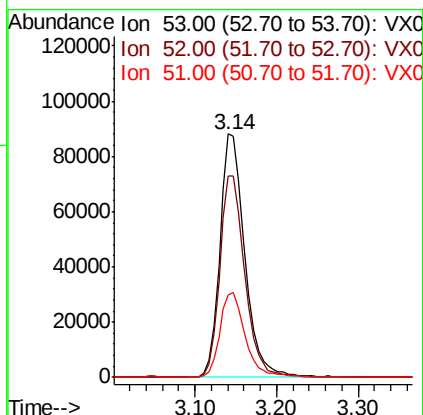
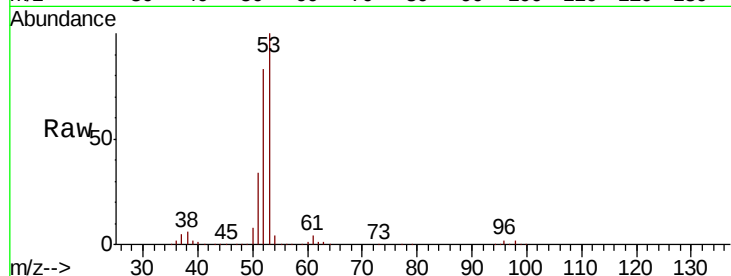




#15
 Acrylonitrile
 Concen: 88.312 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

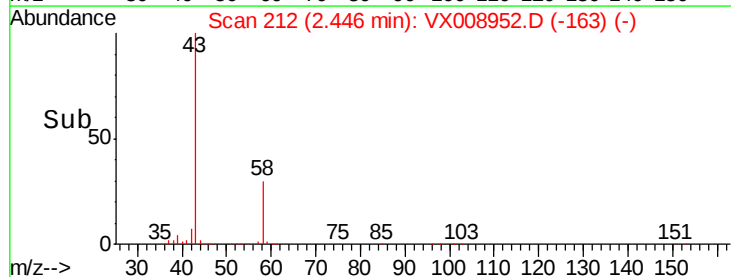
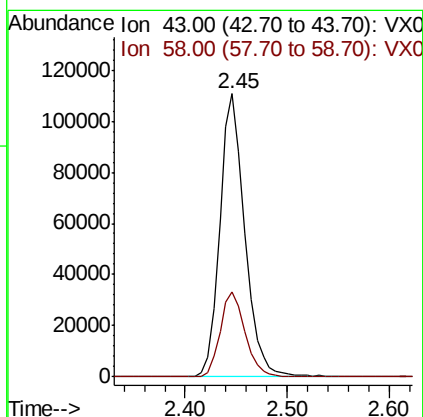
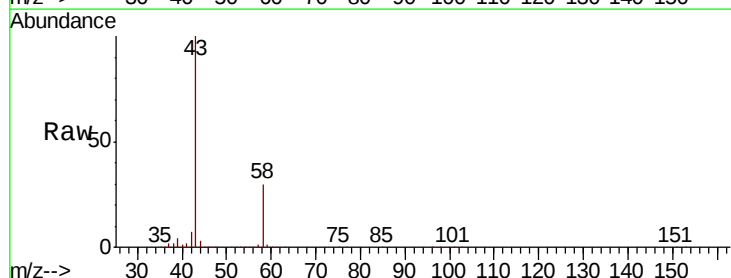
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

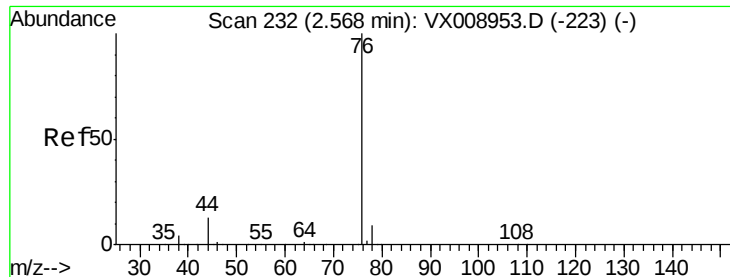
Tot Ion: 53 Resp: 185826
 Ion Ratio Lower Upper
 53 100
 52 84.1 66.6 100.0
 51 36.1 28.3 42.5



#16
 Acetone
 Concen: 96.340 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion: 43 Resp: 186865
 Ion Ratio Lower Upper
 43 100
 58 30.0 24.8 37.2

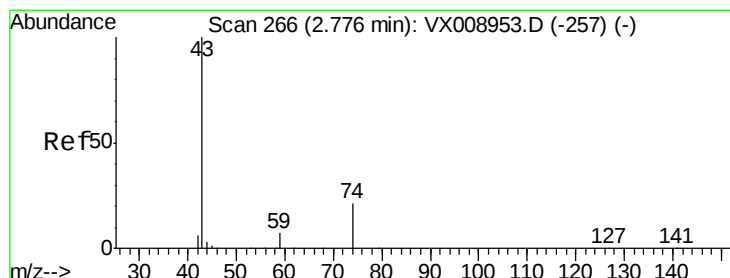
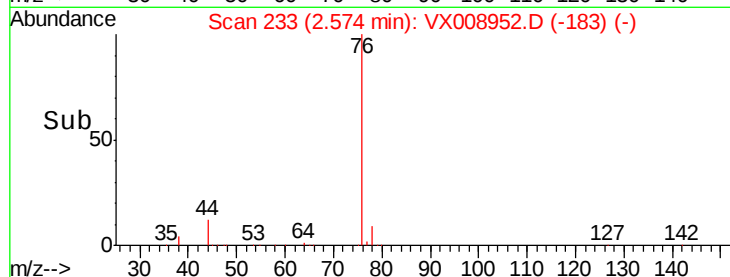
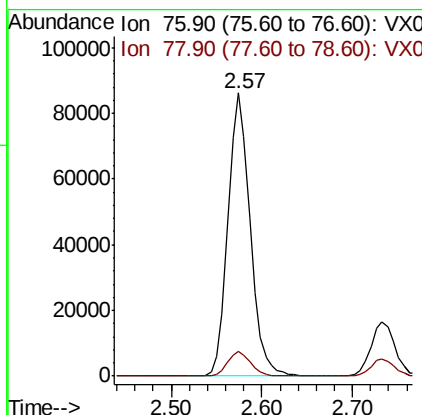
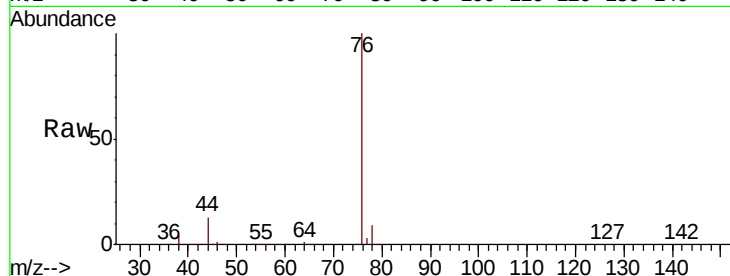




#17
Carbon Disulfide
Concen: 16.851 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

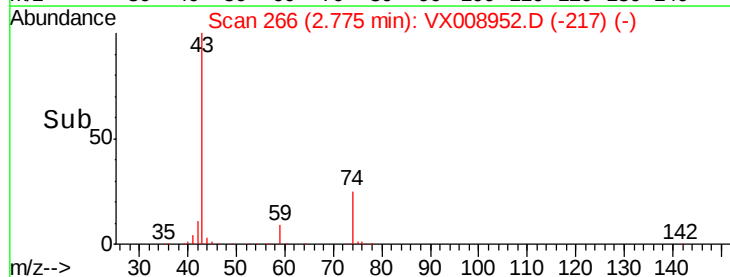
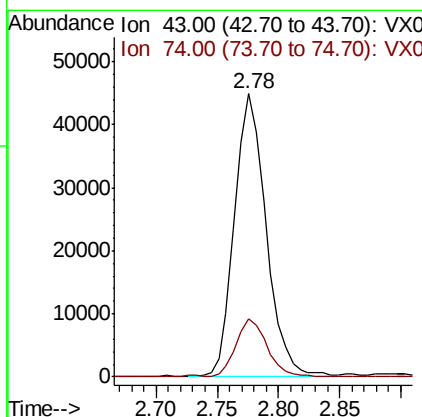
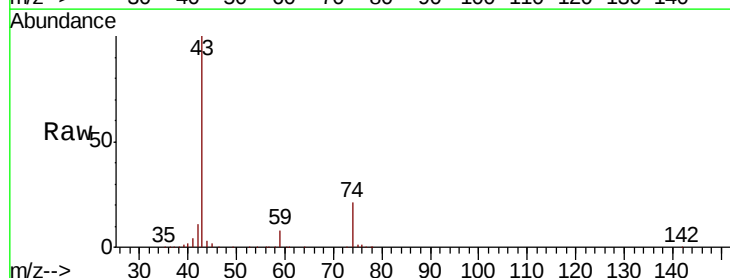
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

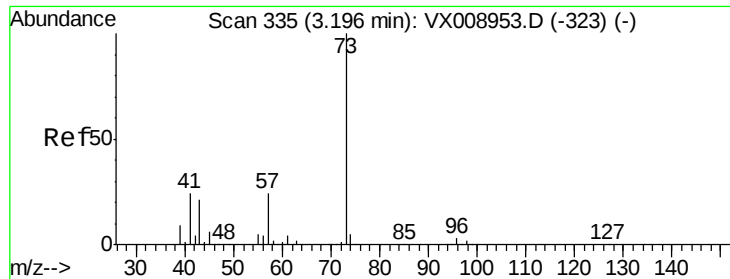
Tot Ion: 76 Resp: 146607
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 16.920 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion: 43 Resp: 80309
Ion Ratio Lower Upper
43 100
74 20.9 16.6 25.0

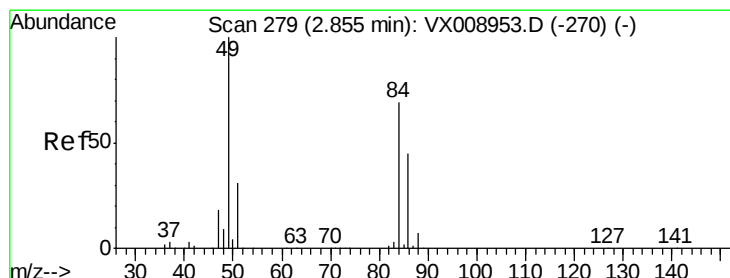
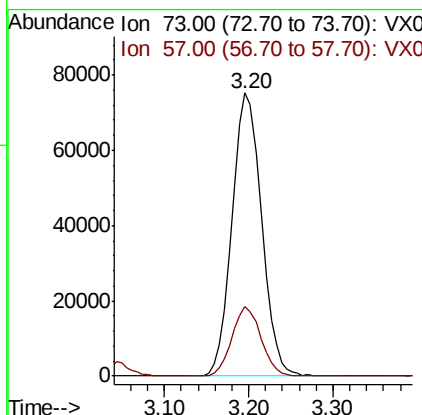
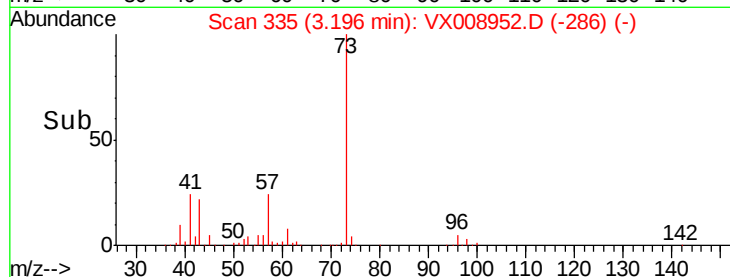
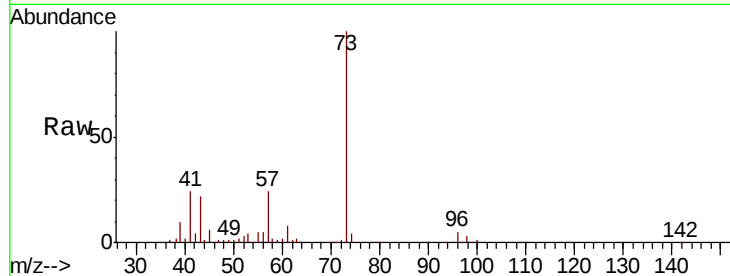




#19
Methyl tert-butyl Ether
Concen: 18.528 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

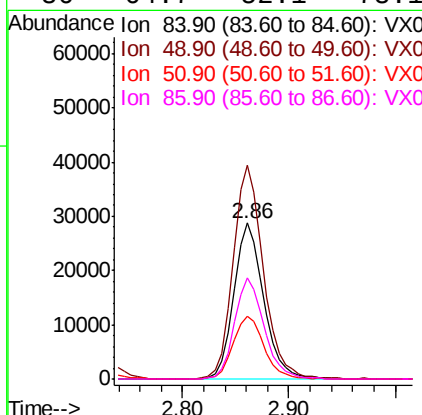
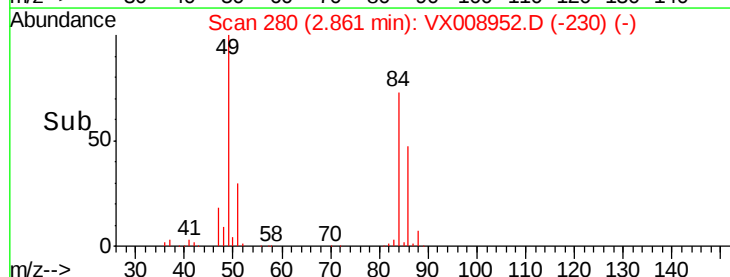
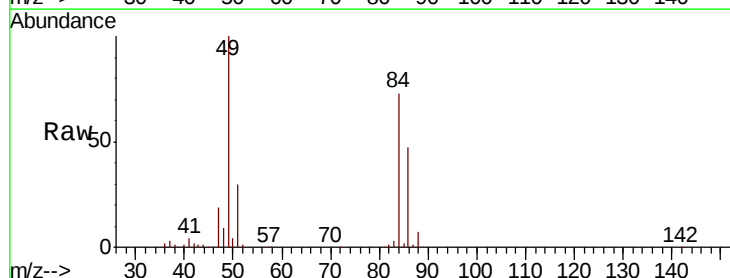
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

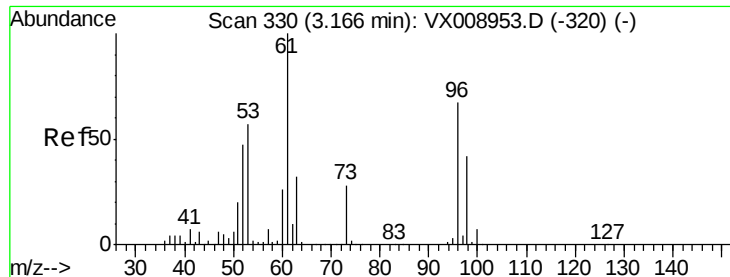
Tot Ion: 73 Resp: 178772
Ion Ratio Lower Upper
73 100
57 24.4 19.2 28.8



#20
Methylene Chloride
Concen: 17.260 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion: 84 Resp: 56530
Ion Ratio Lower Upper
84 100
49 137.1 115.4 173.0
51 40.7 35.8 53.6
86 64.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.792 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

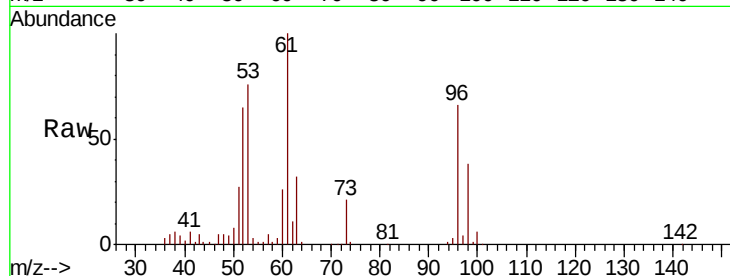
Tot Ion: 96 Resp: 52220

Ion Ratio Lower Upper

96 100

61 152.4 120.3 180.5

98 57.3 50.2 75.2

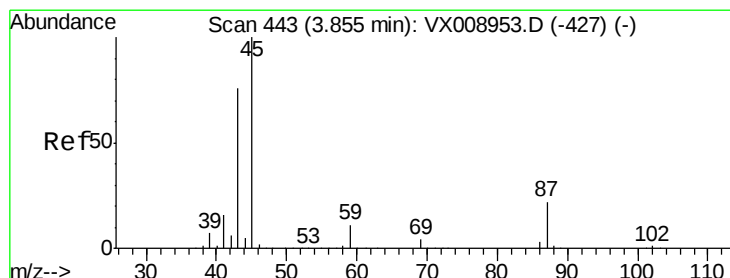
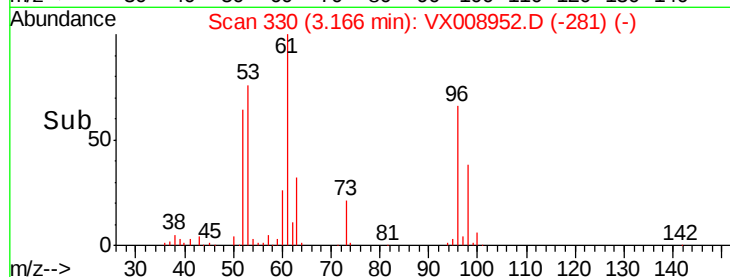
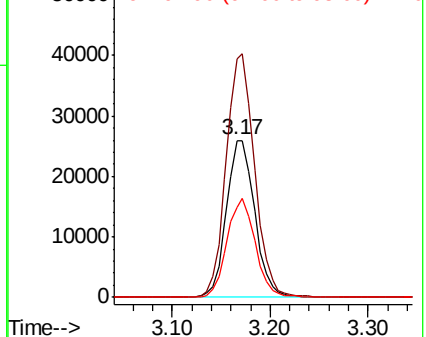


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.109 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Tgt Ion: 45 Resp: 215307

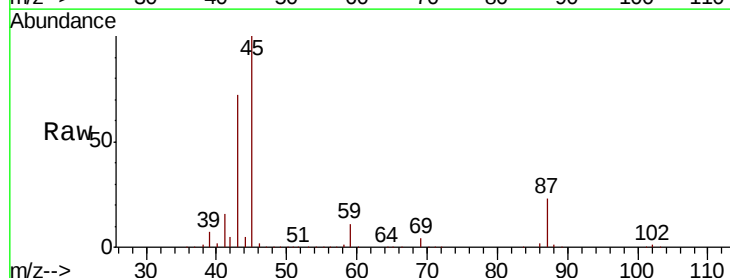
Ion Ratio Lower Upper

45 100

43 71.5 60.6 91.0

87 23.3 17.8 26.8

59 10.5 8.7 13.1



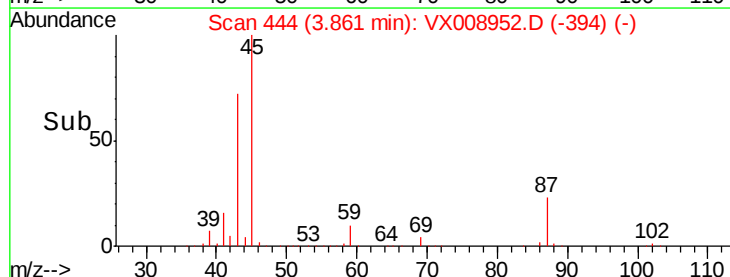
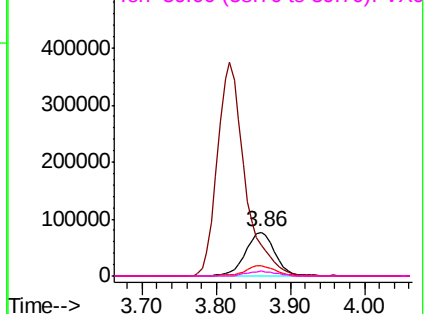
Abundance

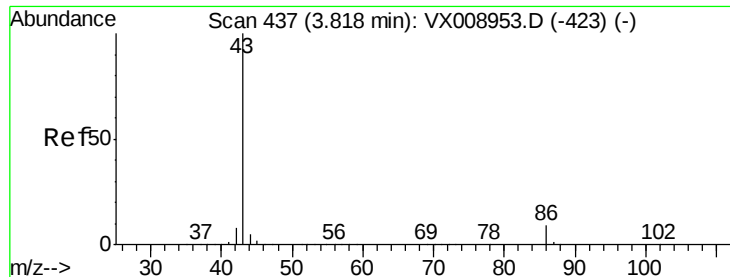
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.844 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

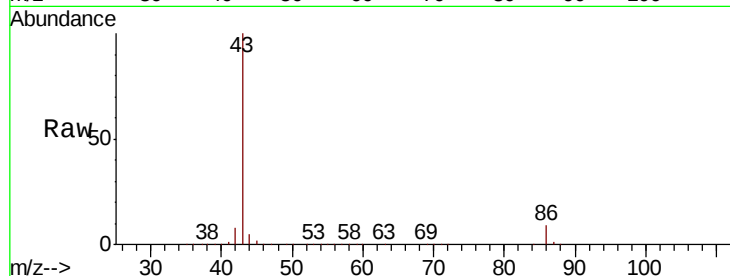
VSTDIC020

Tot Ion: 43 Resp: 962014

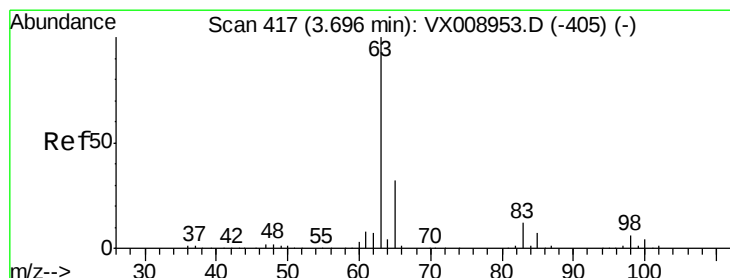
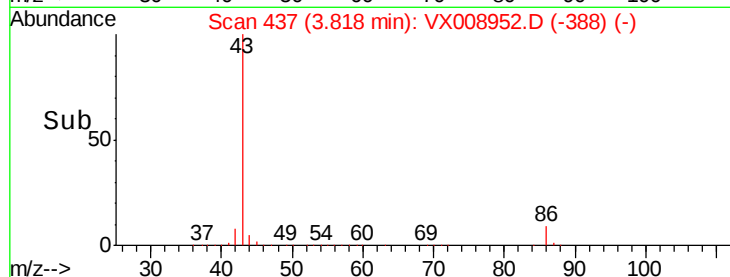
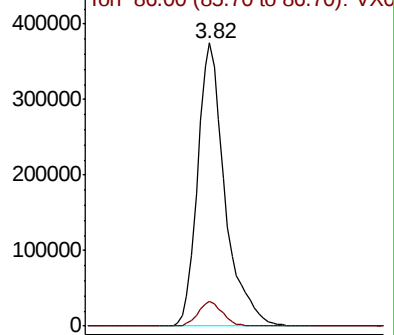
Ion Ratio Lower Upper

43 100

86 8.7 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX008952.D (-388) (-)



#24

1,1-Dichloroethane

Concen: 17.978 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

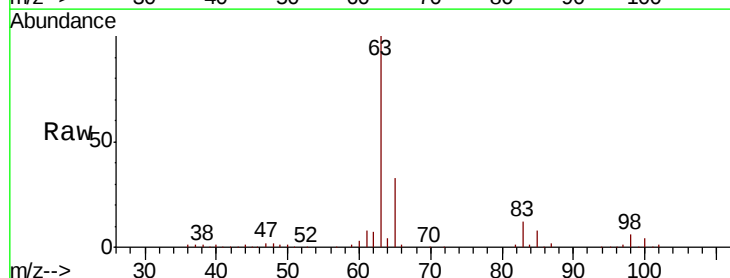
Tgt Ion: 63 Resp: 105762

Ion Ratio Lower Upper

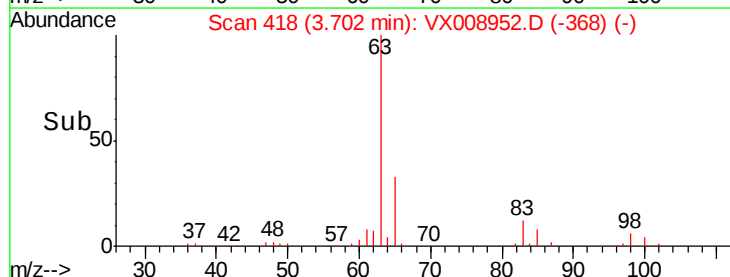
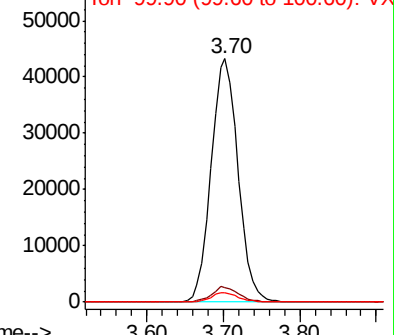
63 100

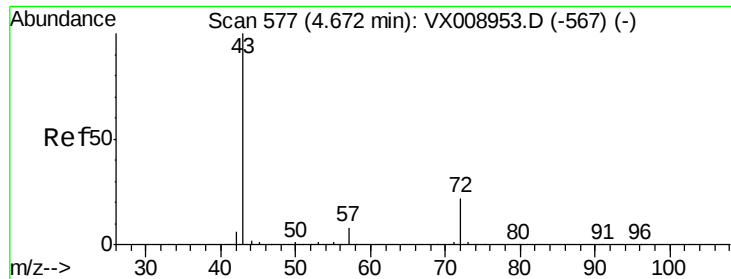
98 5.9 3.1 9.3

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX008952.D (-368) (-)





#25

2-Butanone

Concen: 92.826 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampled :

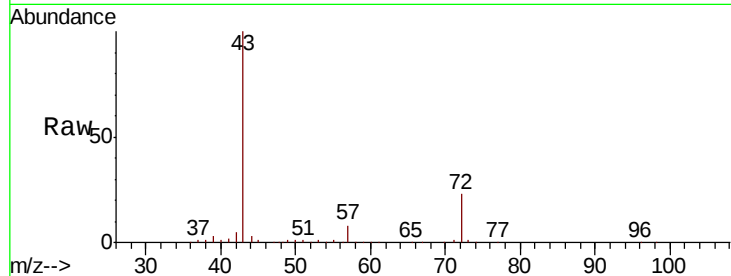
VSTDIC020

Tot Ion: 43 Resp: 285970

Ion Ratio Lower Upper

43 100

72 22.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

100000

80000

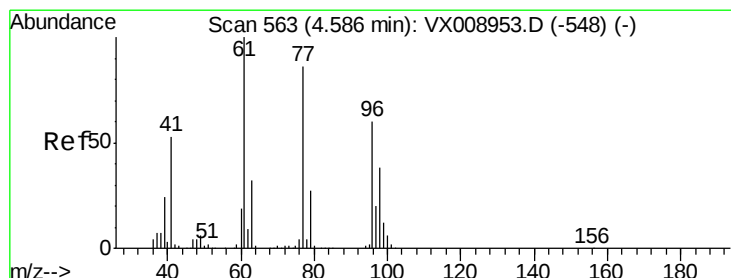
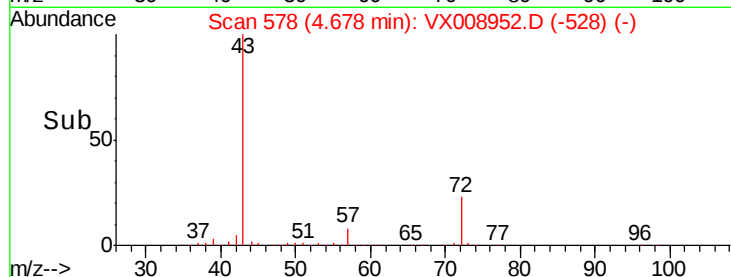
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.916 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008952.D

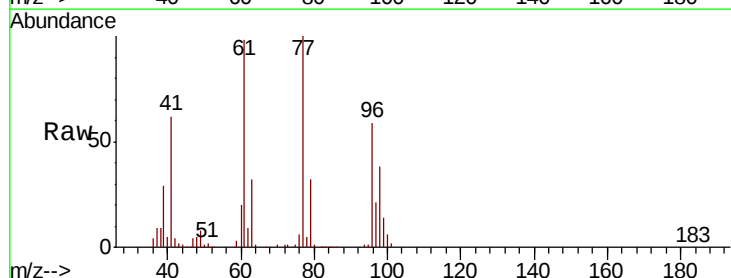
Acq: 15 Apr 2019 10:46

Tgt Ion: 77 Resp: 78997

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

30000

25000

20000

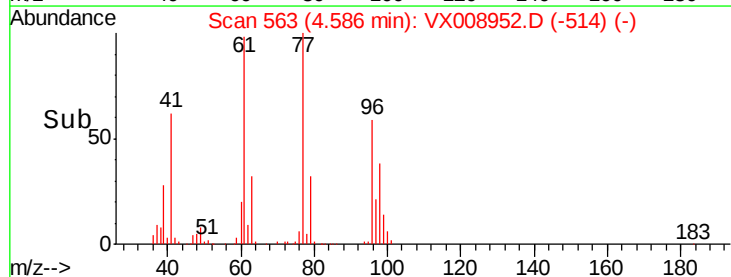
15000

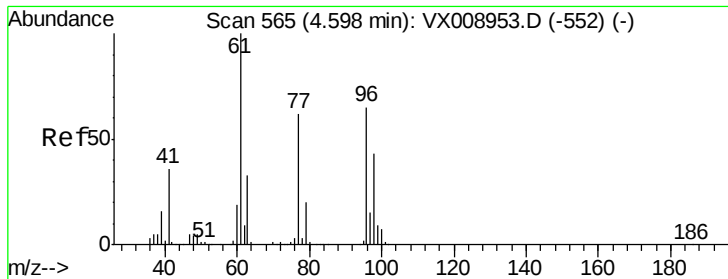
10000

5000

0

Time-->



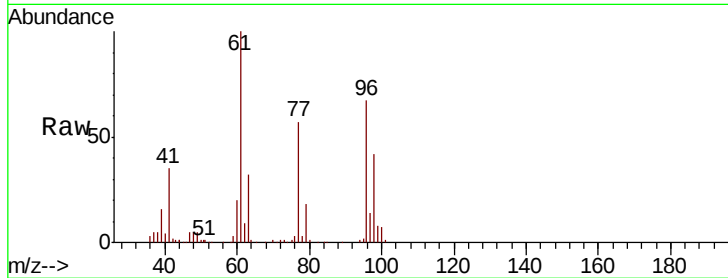


#27

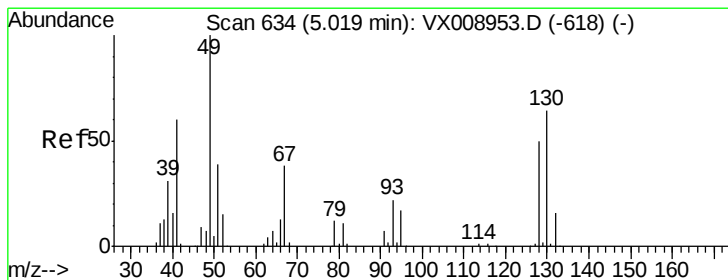
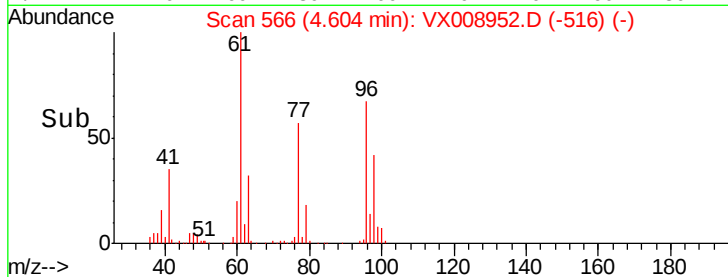
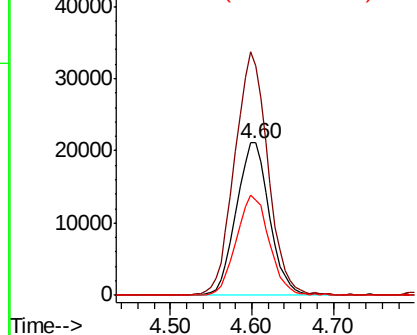
cis-1,2-Dichloroethene
 Concen: 17.729 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	322.0
98	64.7	0.0	128.4



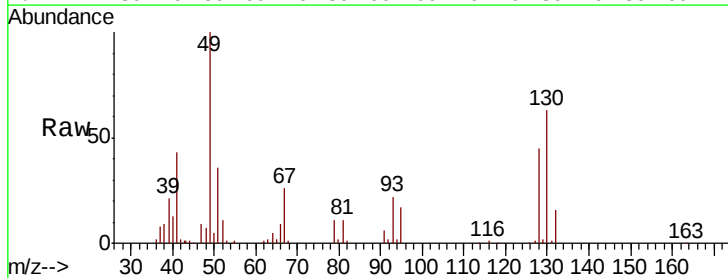
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



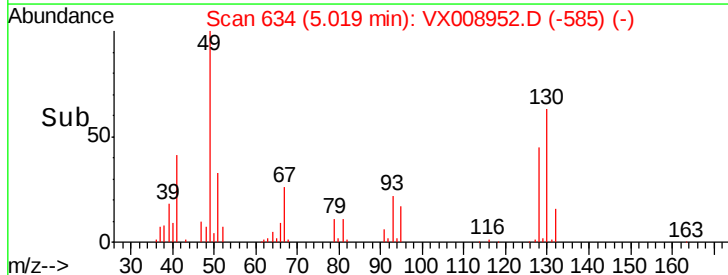
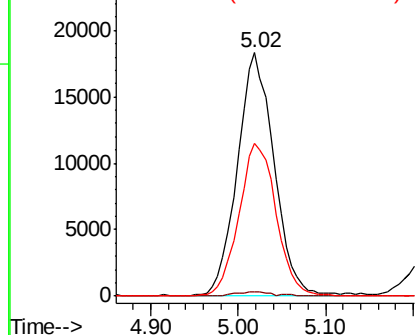
#28

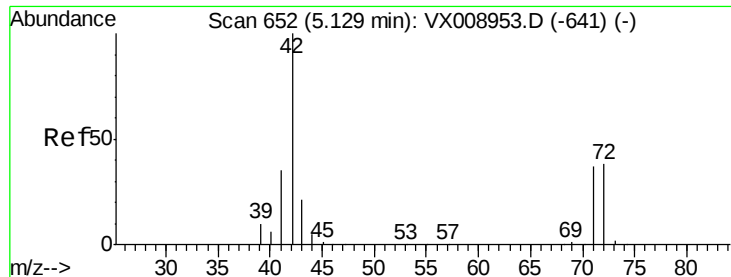
Bromochloromethane
 Concen: 19.372 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.6
130	63.6	50.4	75.6



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

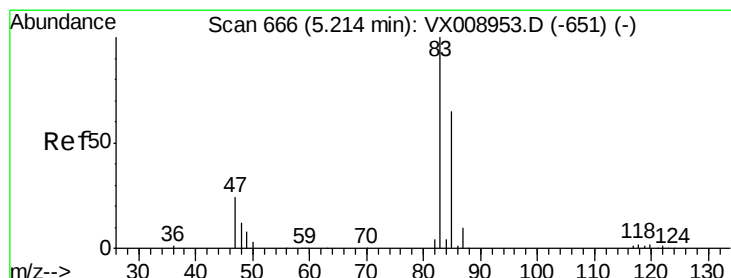
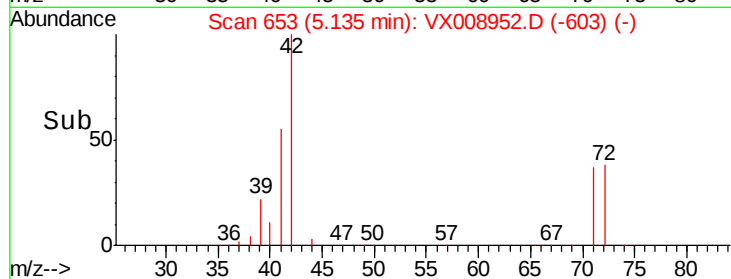
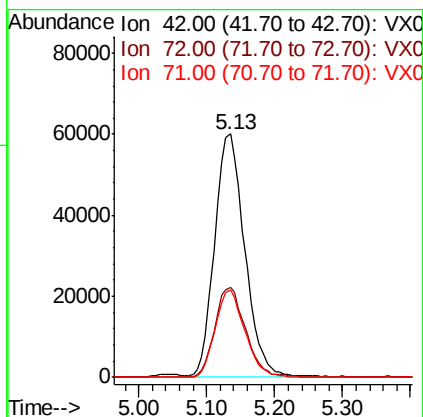
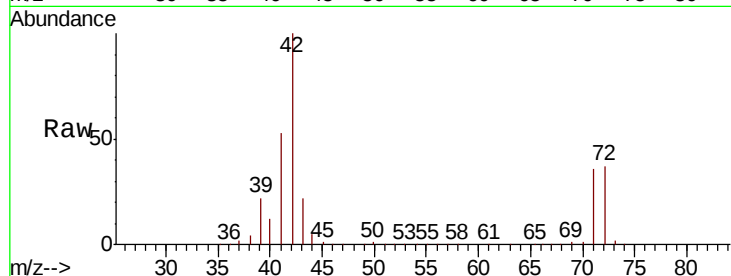




#29
Tetrahydrofuran
Concen: 89.569 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

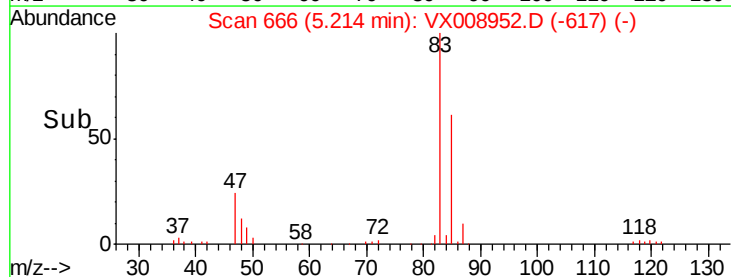
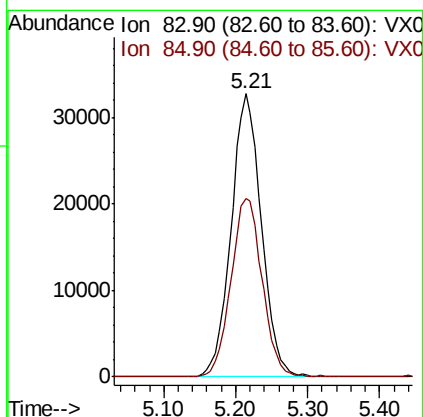
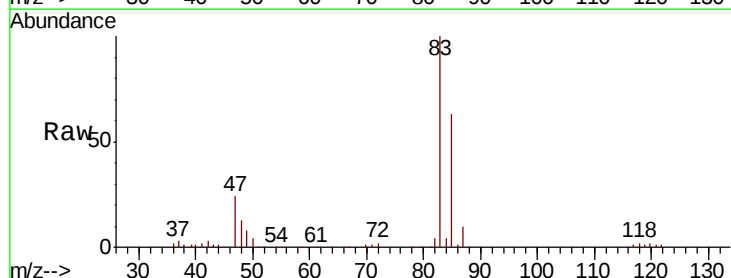
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

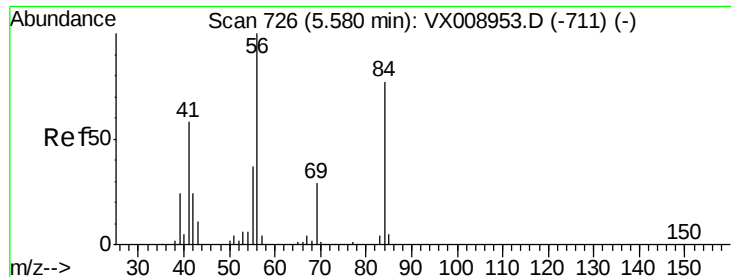
Tot Ion: 42 Resp: 183804
Ion Ratio Lower Upper
42 100
72 38.3 30.6 45.8
71 35.5 28.8 43.2



#30
Chloroform
Concen: 18.140 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion: 83 Resp: 95502
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9





#31

Cyclohexane

Concen: 17.937 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

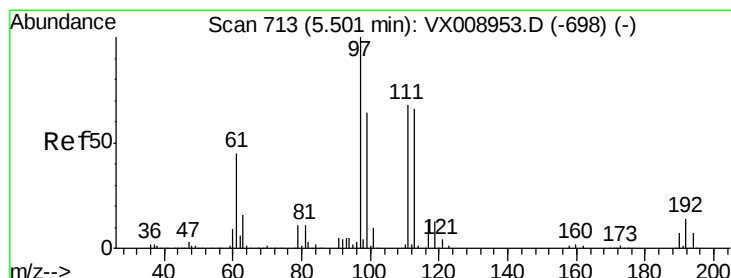
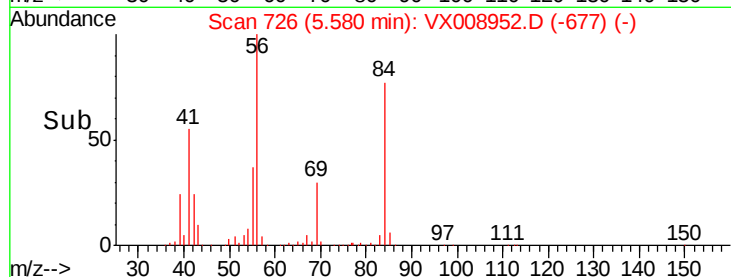
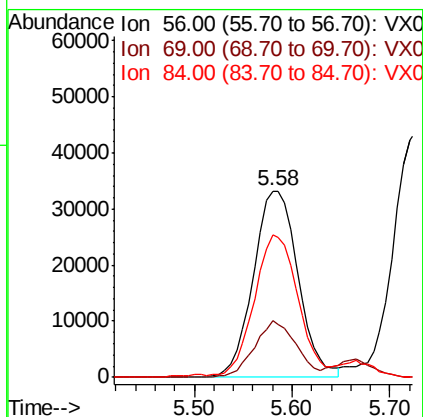
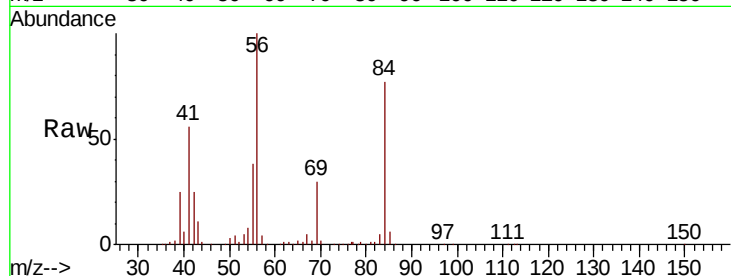
Tot Ion: 56 Resp: 105806

Ion Ratio Lower Upper

56 100

69 30.2 23.3 34.9

84 75.8 61.7 92.5



#32

1,1,1-Trichloroethane

Concen: 18.449 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

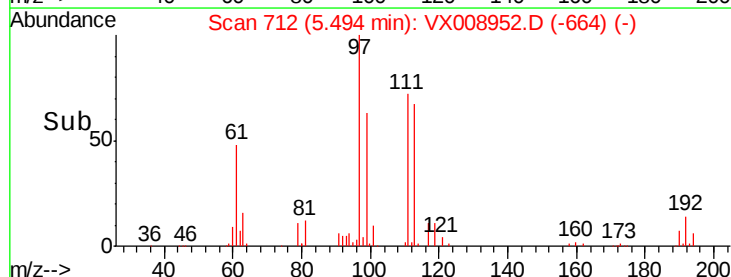
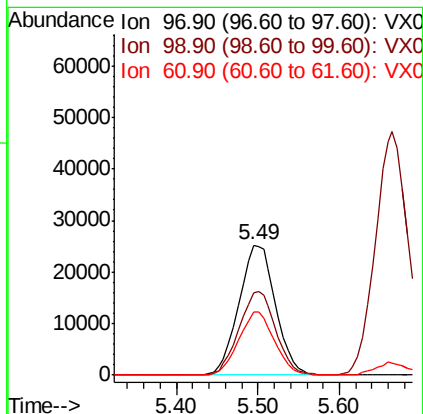
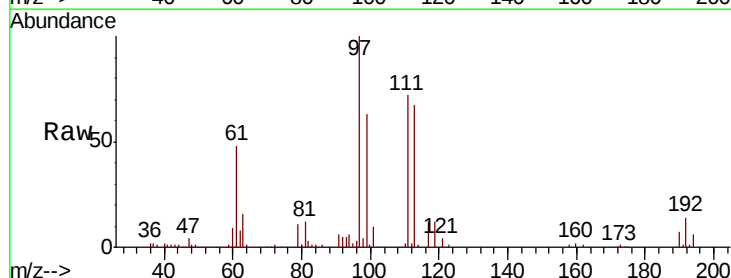
Tgt Ion: 97 Resp: 78677

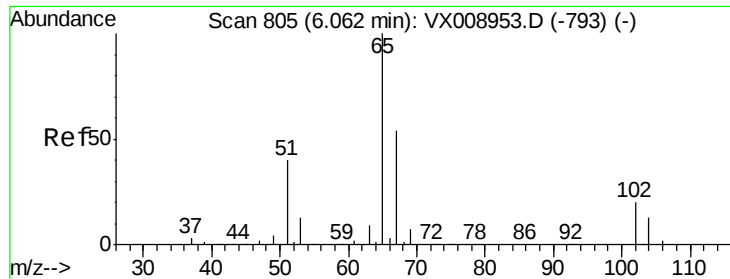
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 47.7 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 21.380 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

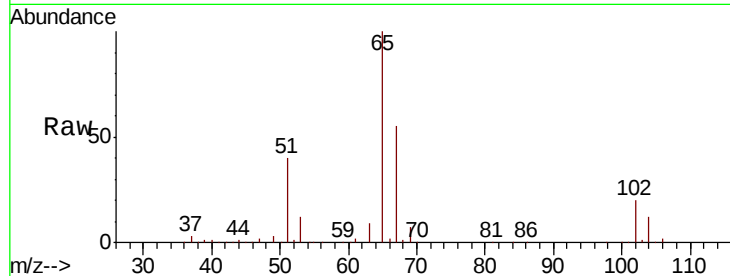
VSTDIC020

Tot Ion: 65 Resp: 73127

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

30000

25000

20000

15000

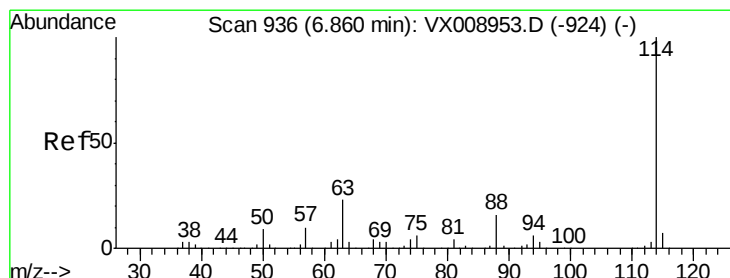
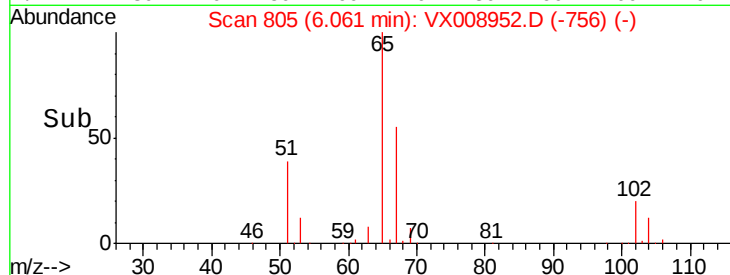
10000

5000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

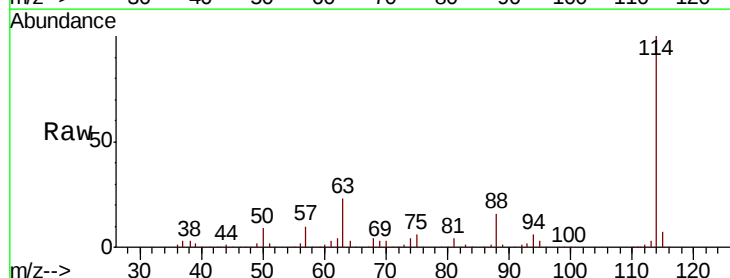
Tgt Ion: 114 Resp: 384429

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.0

88 16.2 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

200000

150000

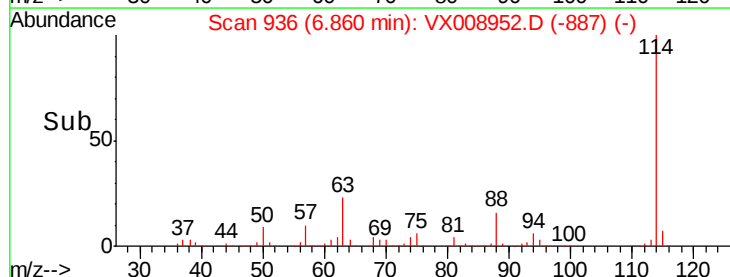
100000

50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 21.979 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

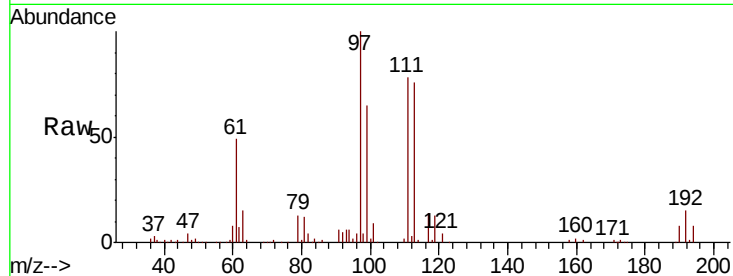
Tot Ion:113 Resp: 53660

Ion Ratio Lower Upper

113 100

111 105.3 82.9 124.3

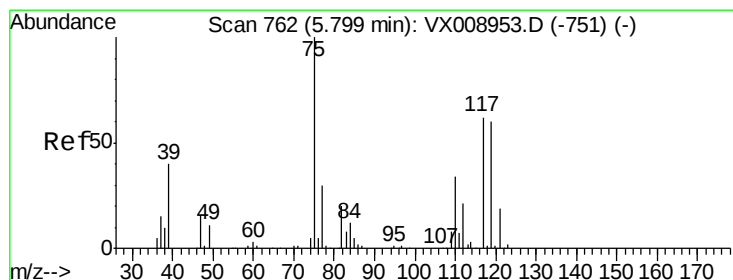
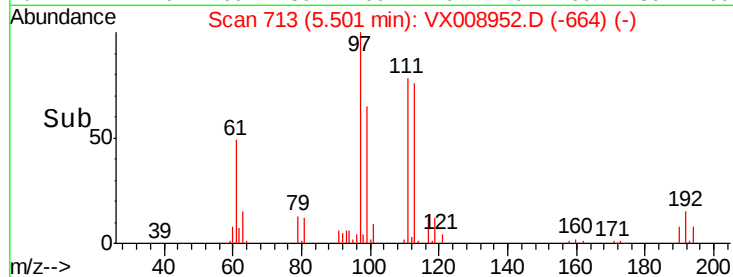
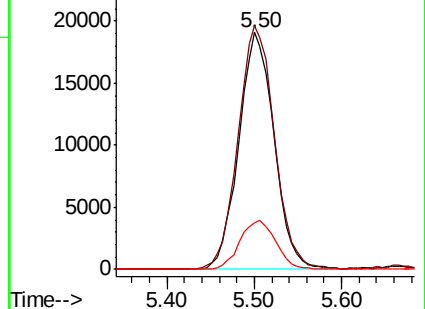
192 21.1 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.256 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

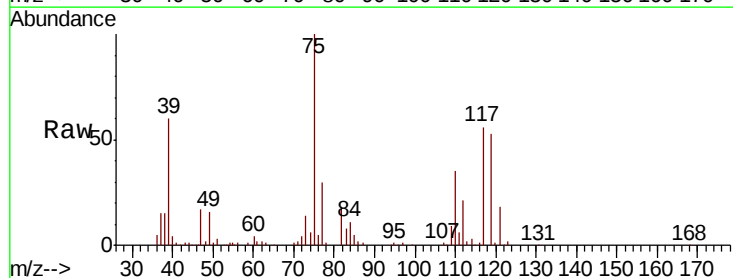
Tgt Ion: 75 Resp: 75465

Ion Ratio Lower Upper

75 100

110 33.9 16.9 50.7

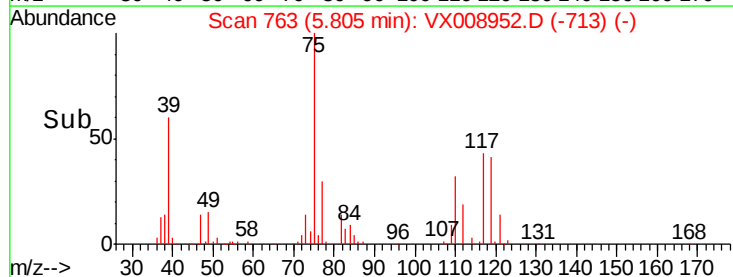
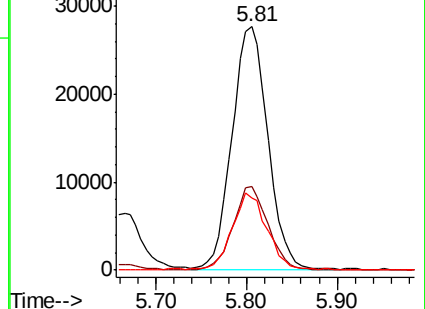
77 31.1 25.0 37.4

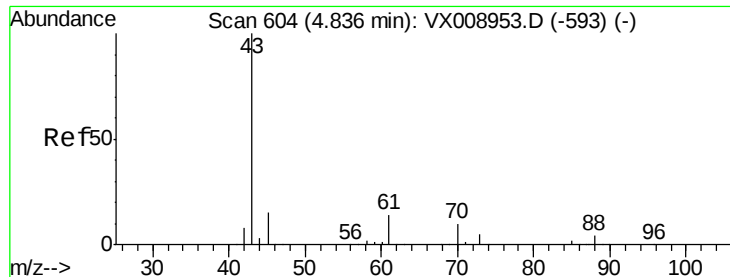


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.831 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

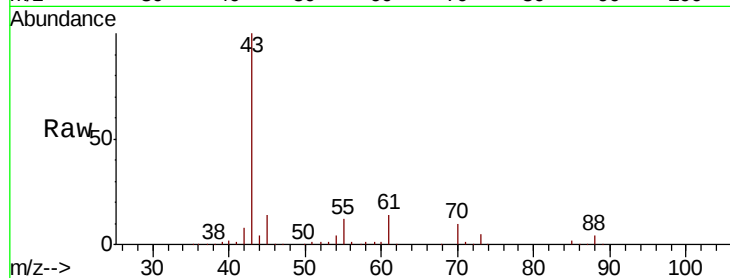
MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 103497

Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	15.8
70	9.9	7.7	11.5

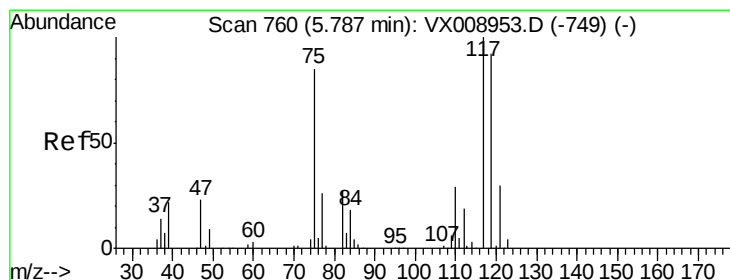
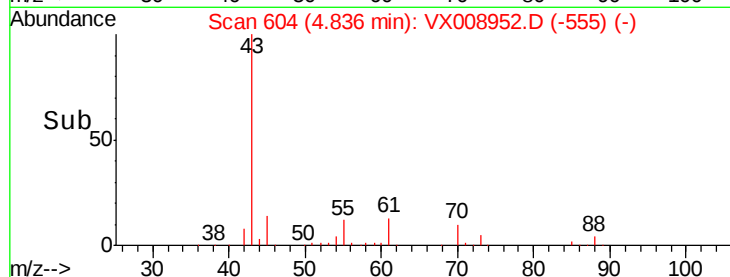
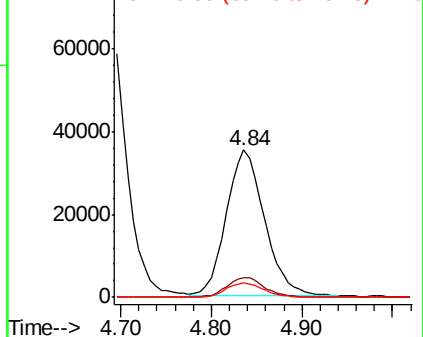


Abundance

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: 19.051 ug/l

RT: 5.79 min Scan# 760

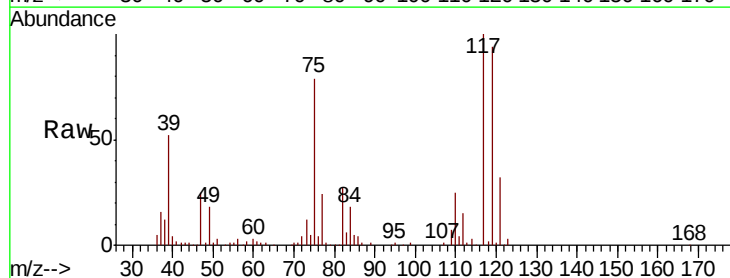
Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Tgt Ion: 117 Resp: 65313

Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.8	110.8
121	31.7	23.6	35.4

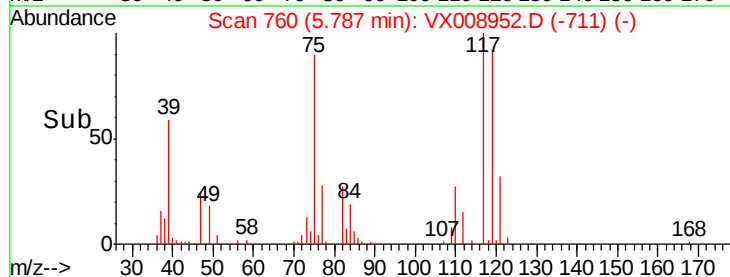
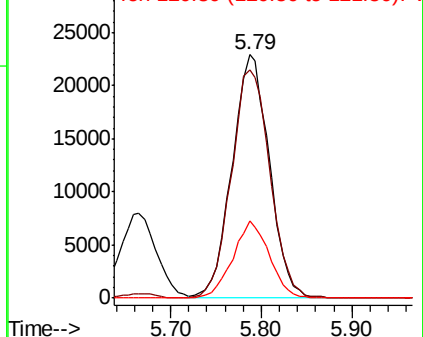


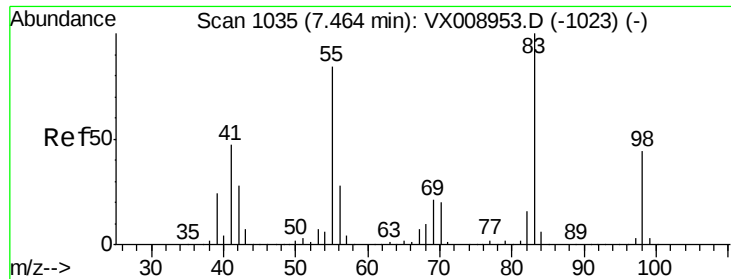
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

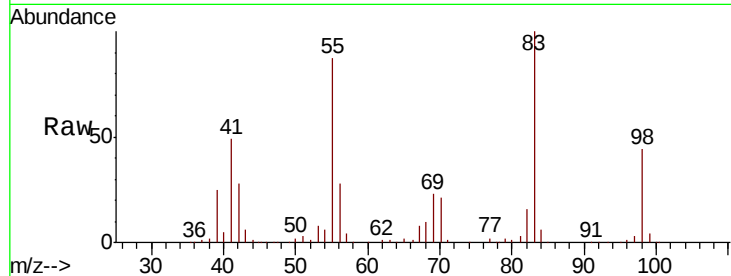




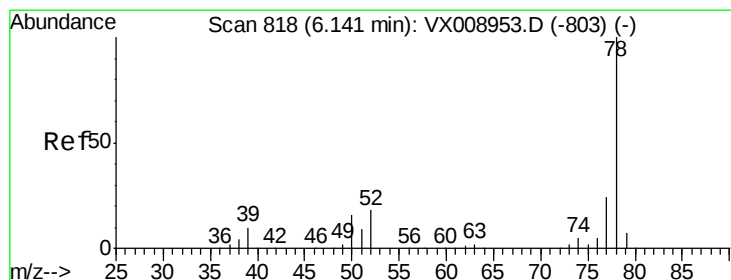
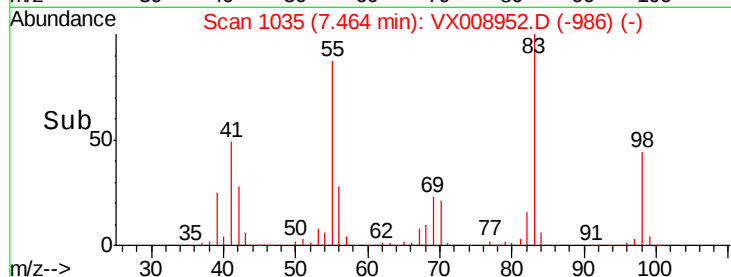
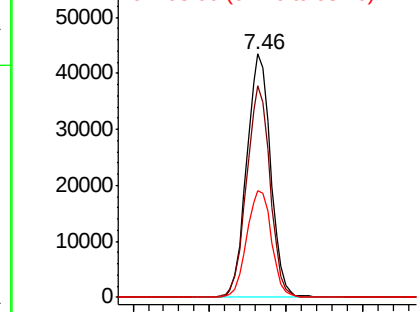
#39
Methvlcvclohexane
Concen: 18.438 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 94268
Ion Ratio Lower Upper
83 100
55 86.7 67.1 100.7
98 43.9 35.1 52.7

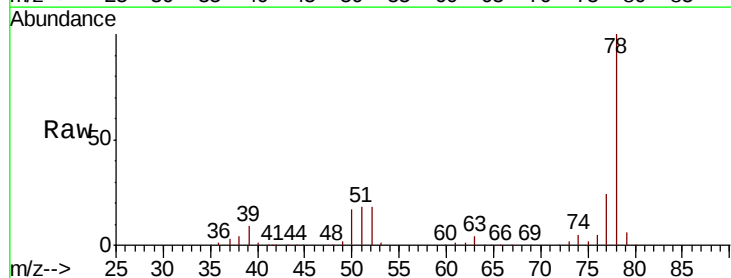


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

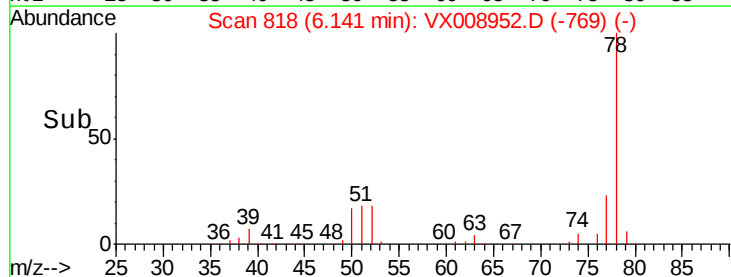
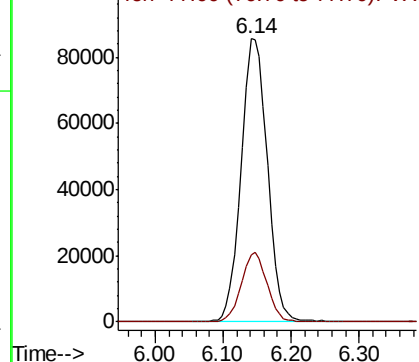


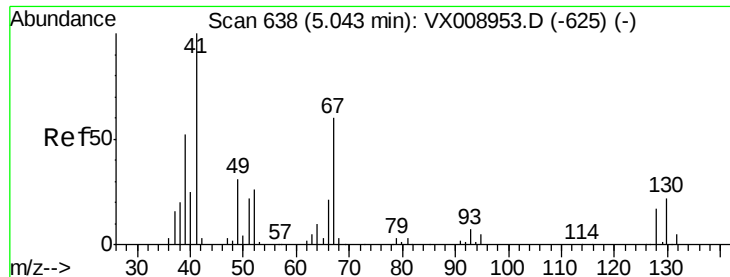
#40
Benzene
Concen: 18.667 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion: 78 Resp: 229855
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.671 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 59173

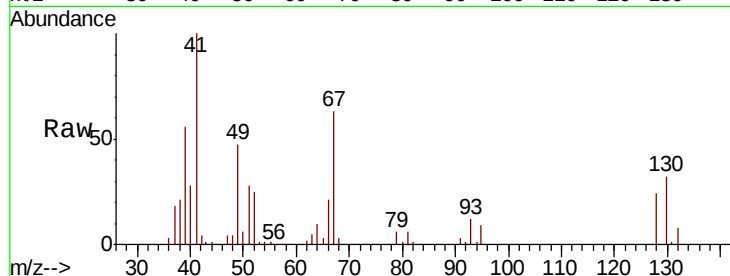
Ion Ratio Lower Upper

41 100

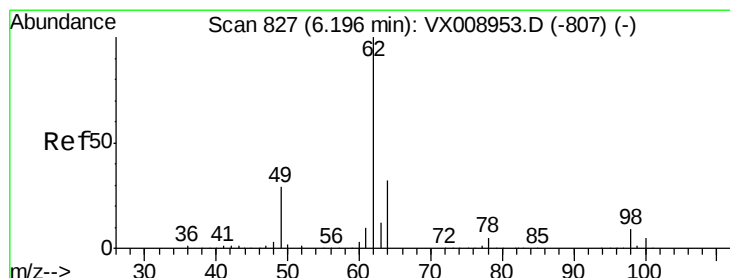
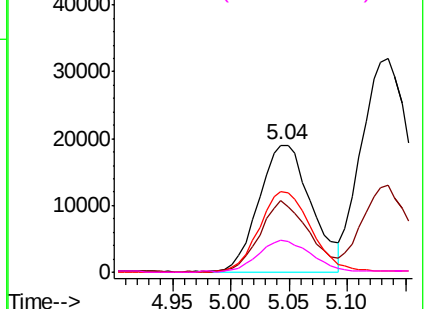
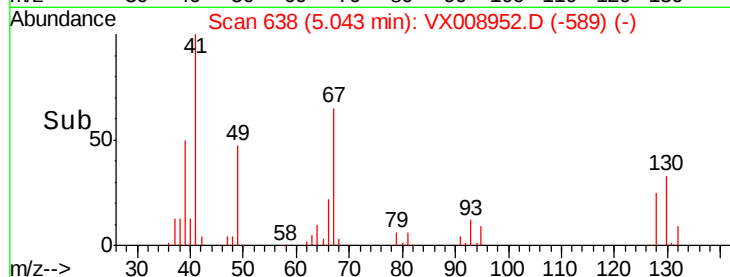
39 52.8 41.8 62.6

67 63.8 50.2 75.4

52 25.7 21.1 31.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.197 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008952.D

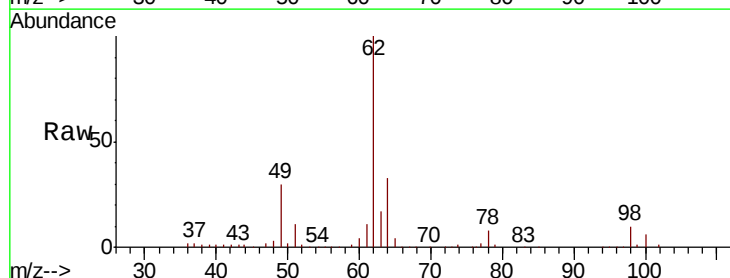
Acq: 15 Apr 2019 10:46

Tgt Ion: 62 Resp: 80287

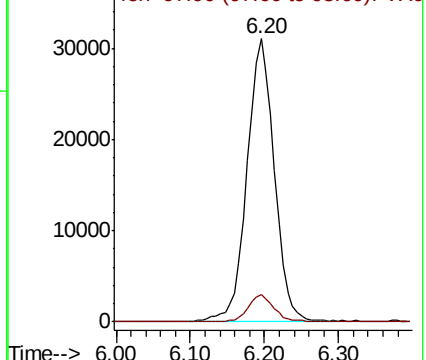
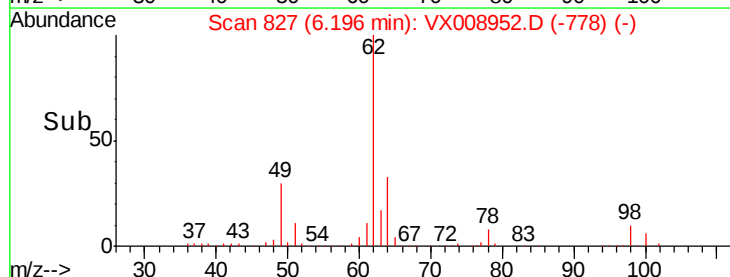
Ion Ratio Lower Upper

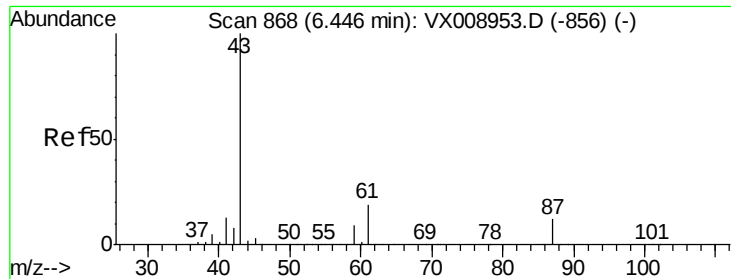
62 100

98 9.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.721 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

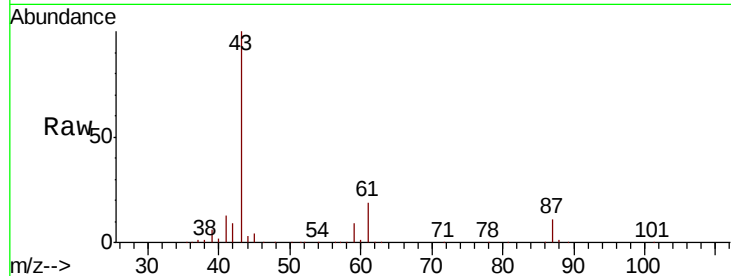
Tot Ion: 43 Resp: 161515

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

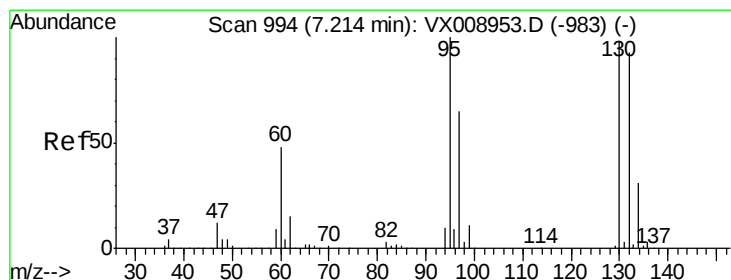
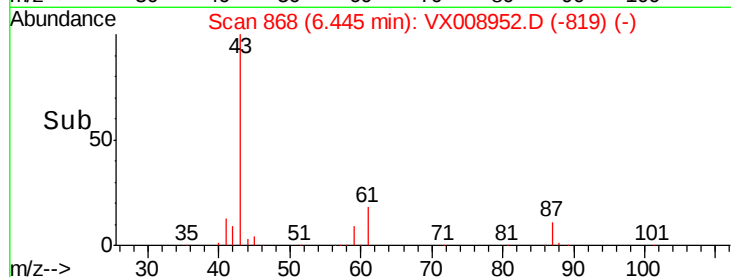
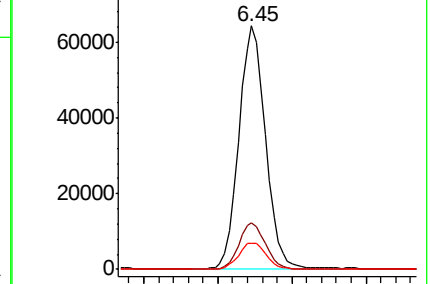
87 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.077 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008952.D

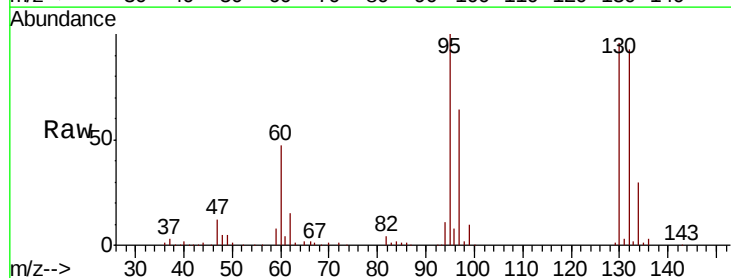
Acq: 15 Apr 2019 10:46

Tgt Ion:130 Resp: 54992

Ion Ratio Lower Upper

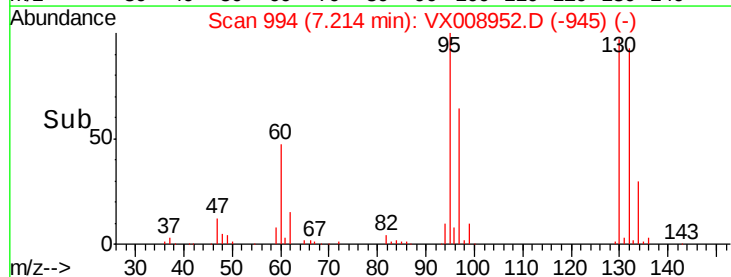
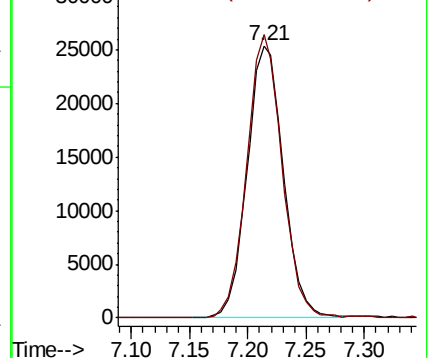
130 100

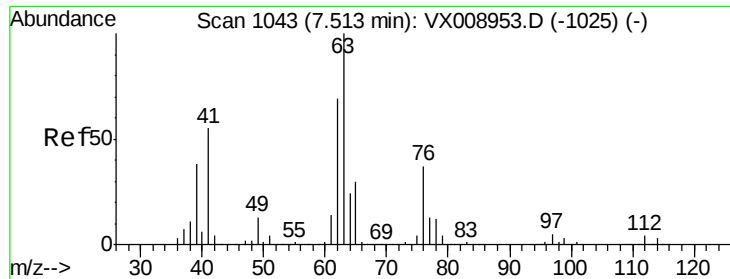
95 103.9 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

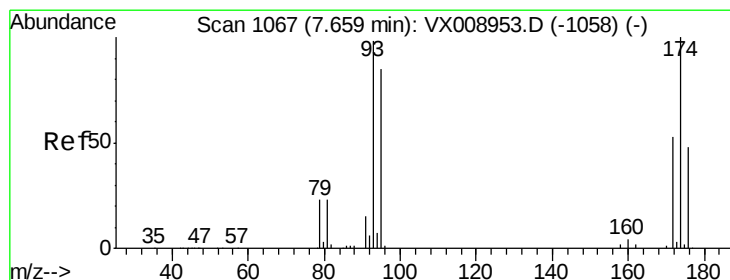
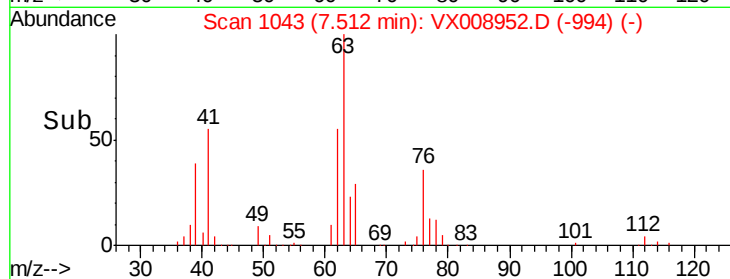
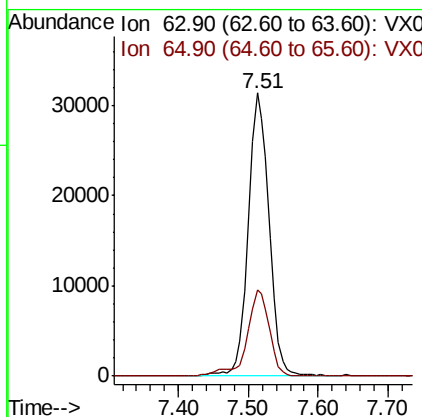
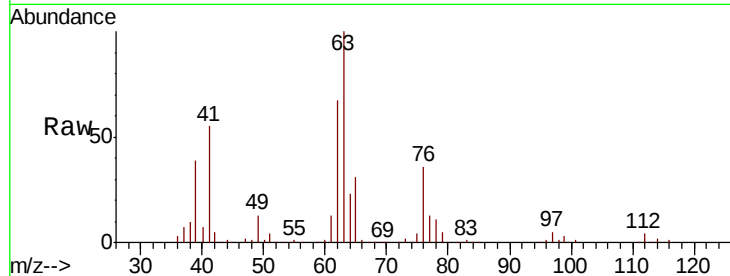




#45
 1,2-Dichloropropane
 Concen: 18.612 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

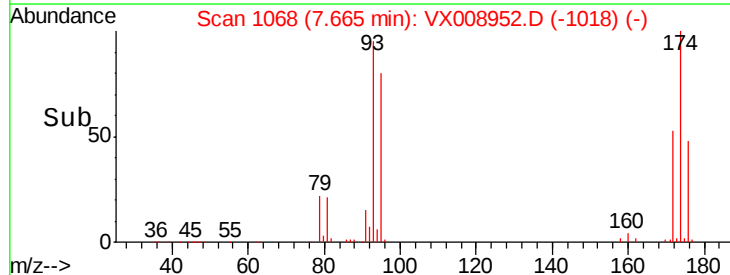
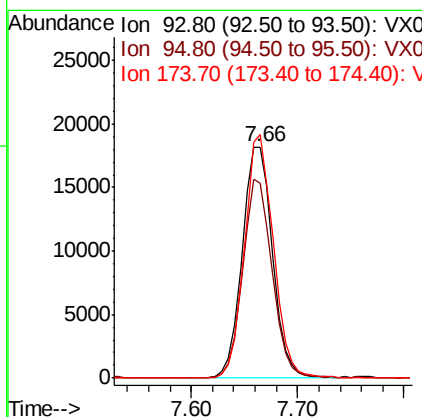
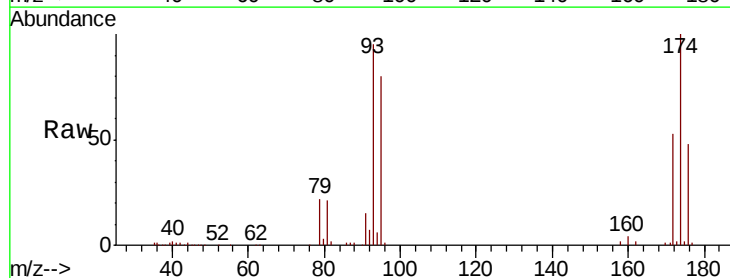
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

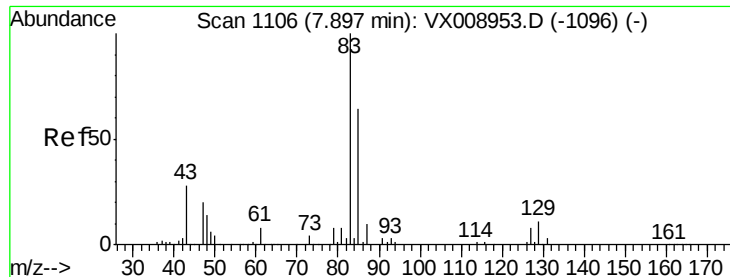
Tot Ion: 63 Resp: 65180
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.1 36.1



#46
 Dibromomethane
 Concen: 17.960 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion: 93 Resp: 36606
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.4
 174 100.4 81.6 122.4





#47

Bromodichloromethane

Concen: 18.723 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

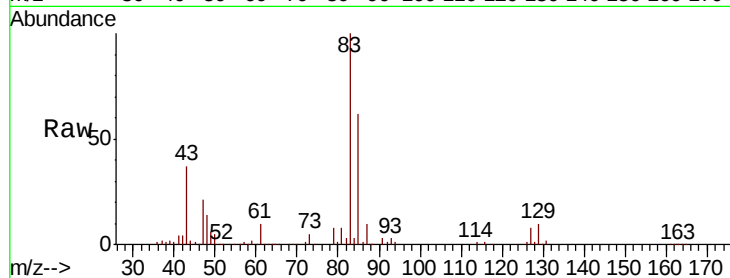
Tot Ion: 83 Resp: 71954

Ion Ratio Lower Upper

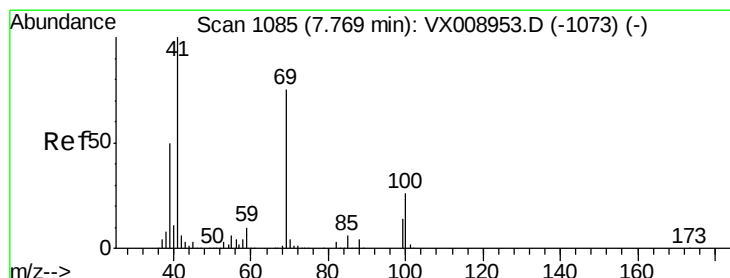
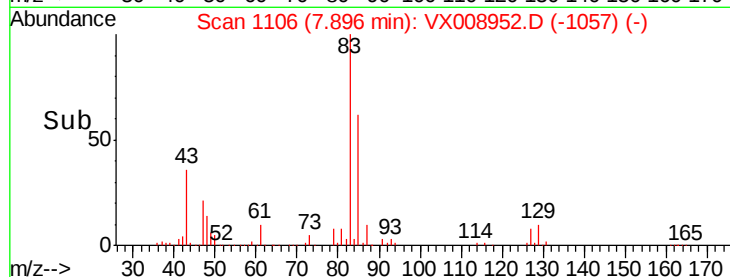
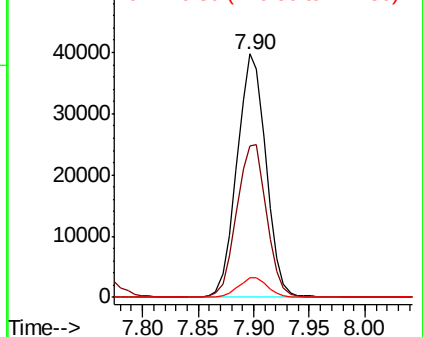
83 100

85 62.4 50.8 76.2

127 7.9 6.4 9.6



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



#48

Methyl methacrylate

Concen: 18.733 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

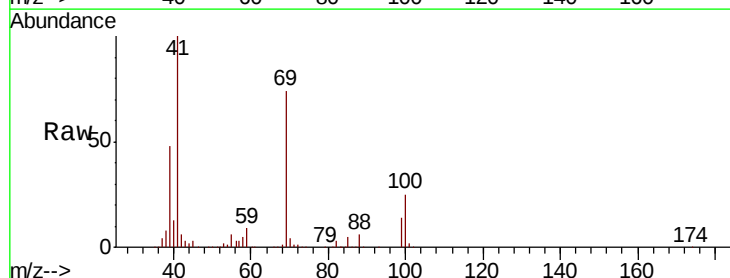
Tgt Ion: 41 Resp: 81553

Ion Ratio Lower Upper

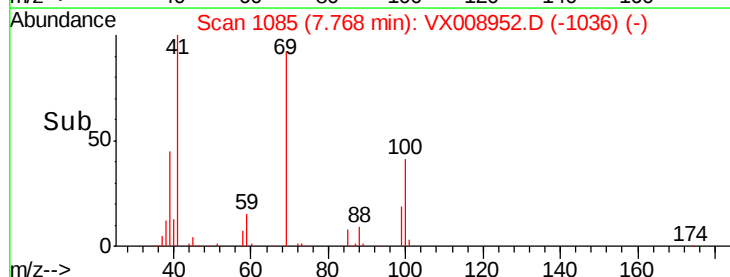
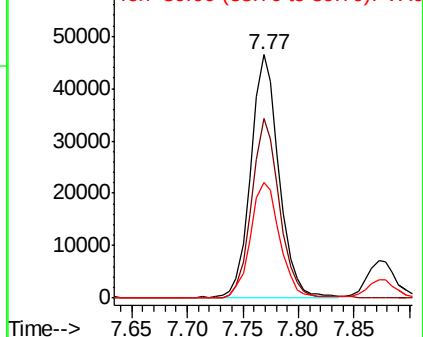
41 100

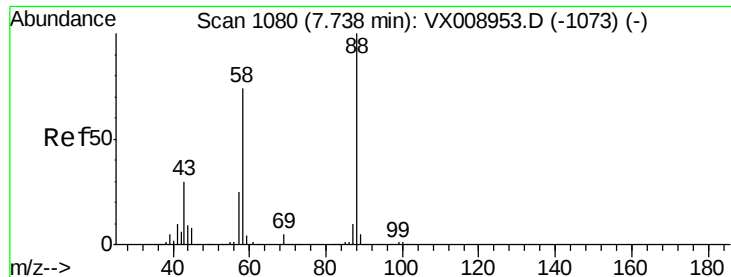
69 74.2 59.4 89.2

39 50.0 39.8 59.6



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

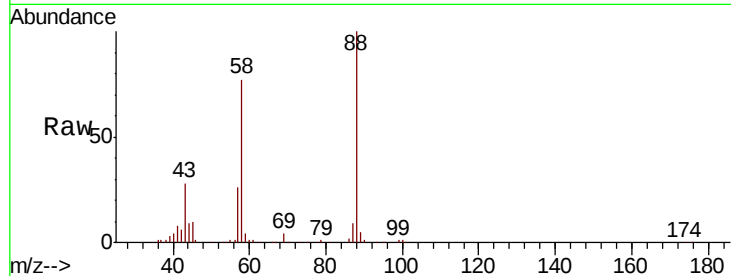




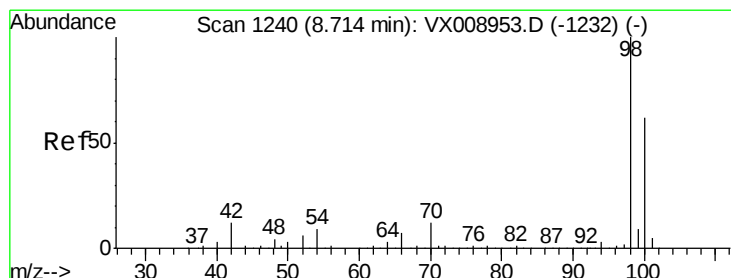
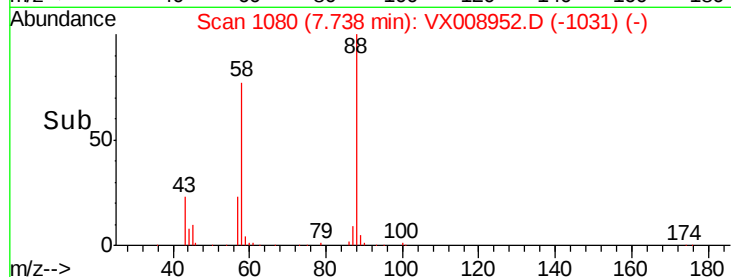
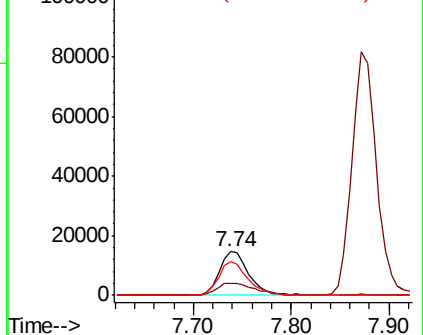
#49
1,4-Dioxane
Concen: 378.066 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 30618
Ion Ratio Lower Upper
88 100
43 35.2 29.3 43.9
58 78.0 62.6 93.8

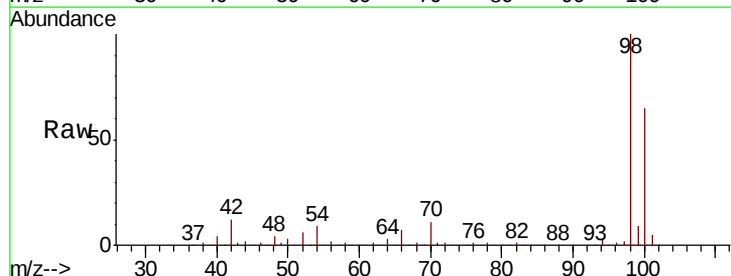


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

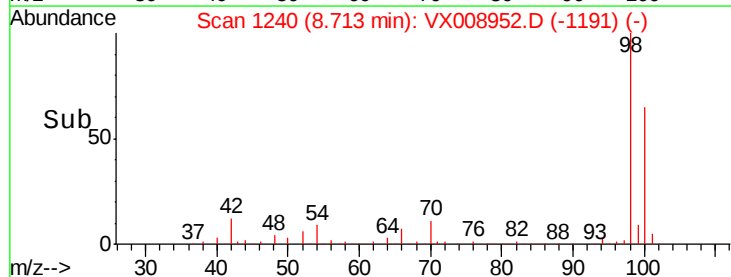
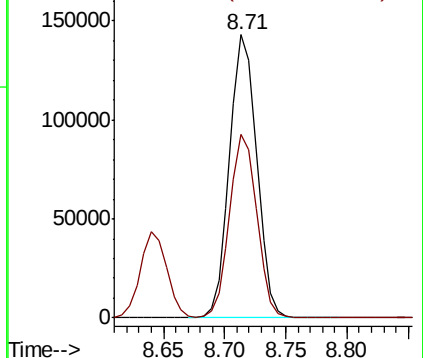


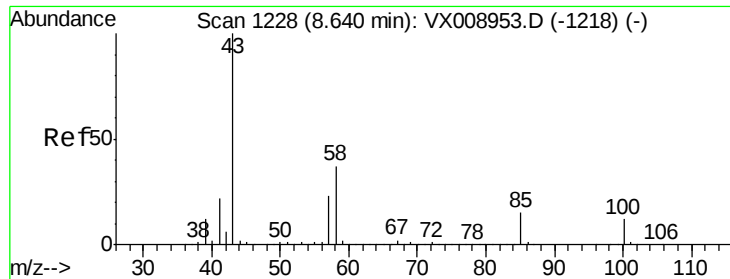
#50
Toluene-d8
Concen: 22.714 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion: 98 Resp: 220858
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 96.280 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

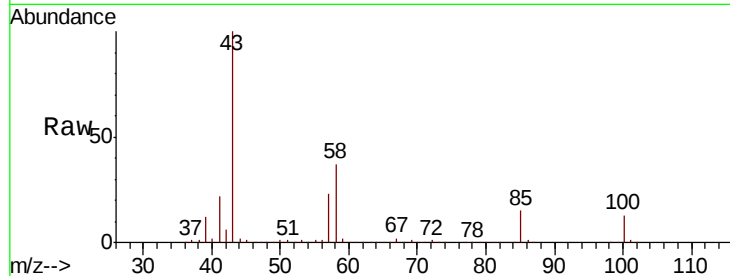
VSTDIC020

Tot Ion: 43 Resp: 533704

Ion Ratio Lower Upper

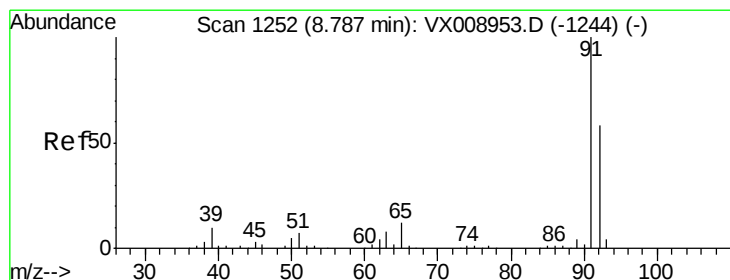
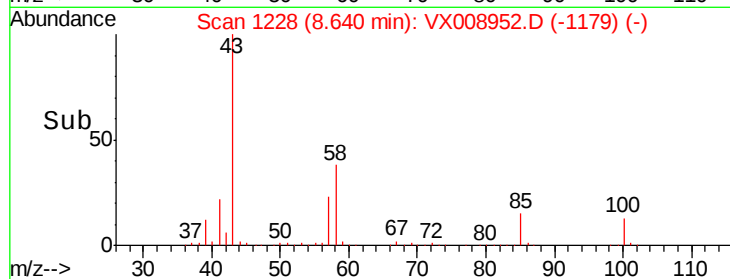
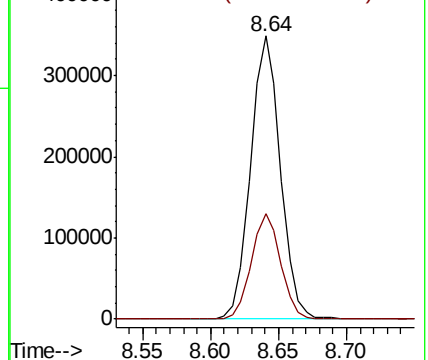
43 100

58 37.1 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.107 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008952.D

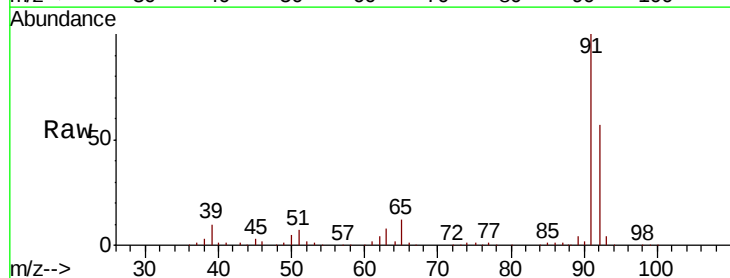
Acq: 15 Apr 2019 10:46

Tgt Ion: 92 Resp: 138660

Ion Ratio Lower Upper

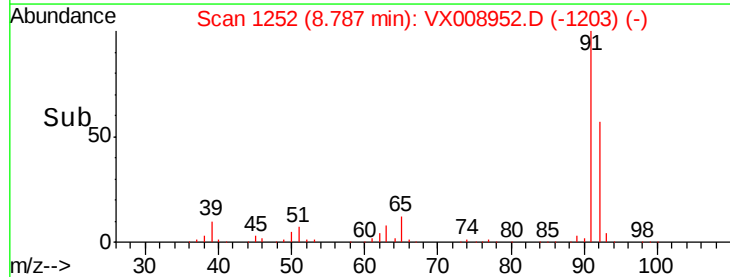
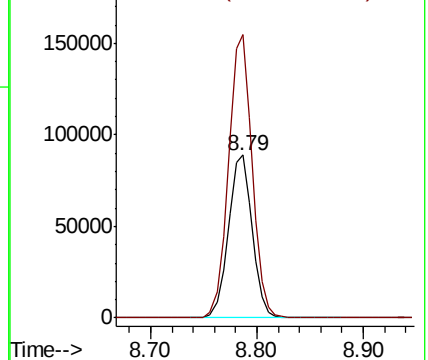
92 100

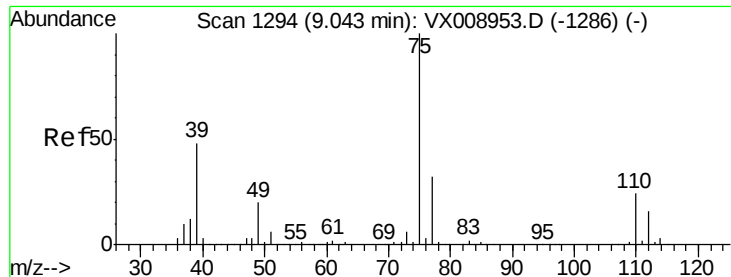
91 173.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

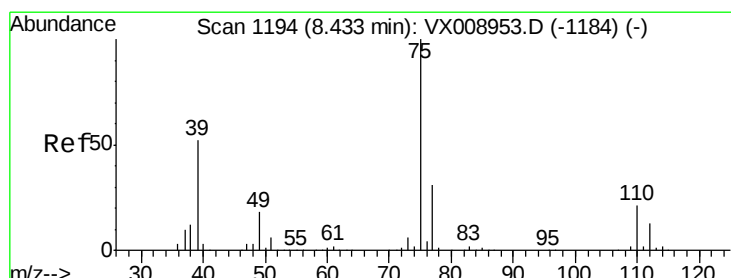
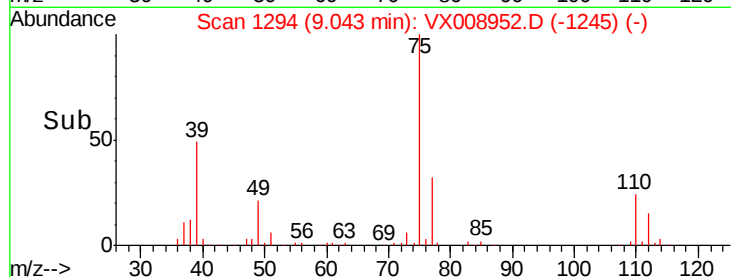
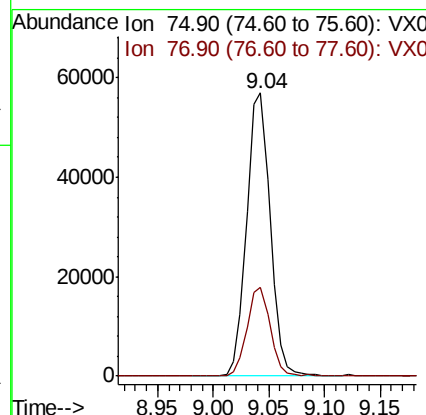
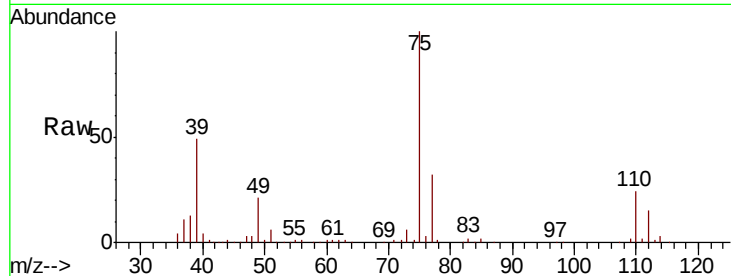




#53
t-1,3-Dichloropropene
Concen: 19.393 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

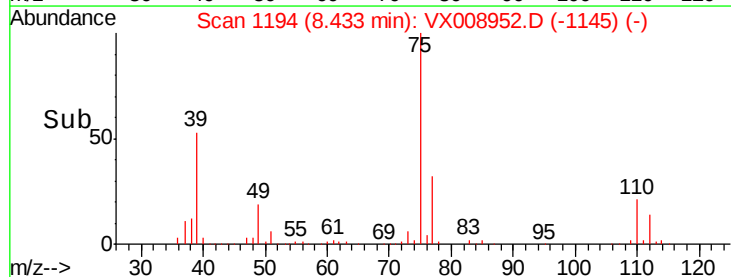
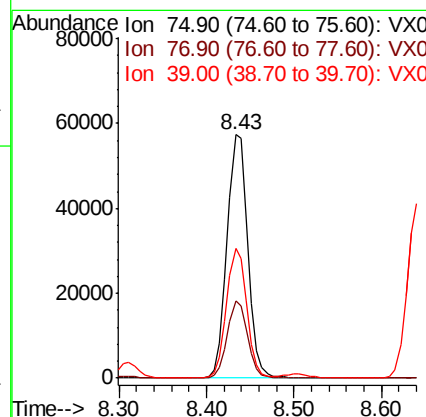
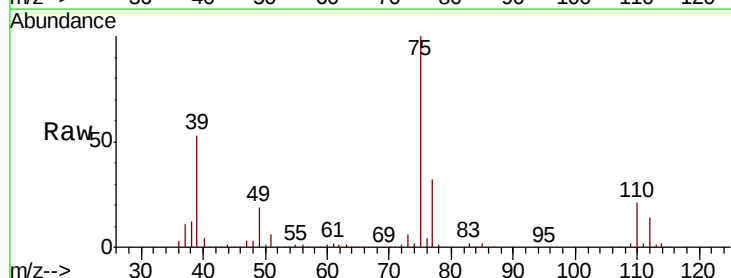
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 83853
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.185 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion: 75 Resp: 94503
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 52.8 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 19.064 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 55575

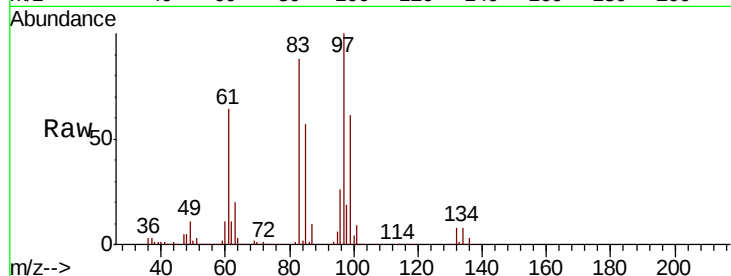
Ion Ratio Lower Upper

97 100

83 88.1 72.6 108.8

85 56.6 46.9 70.3

99 60.7 51.0 76.6



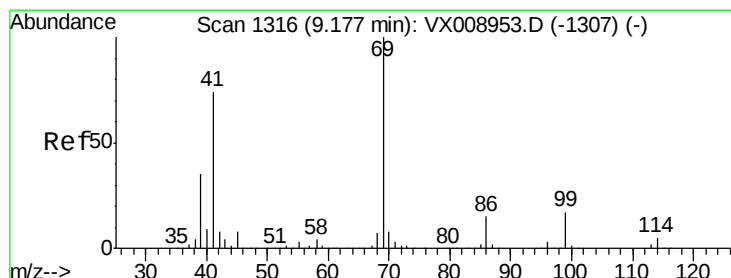
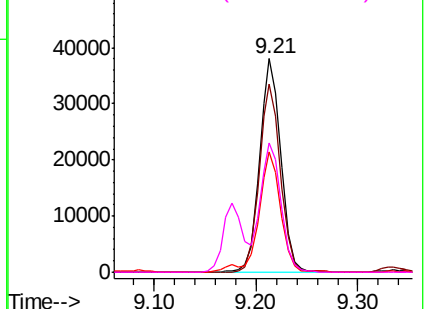
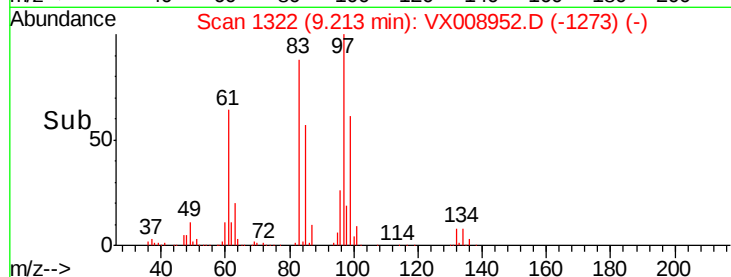
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.033 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

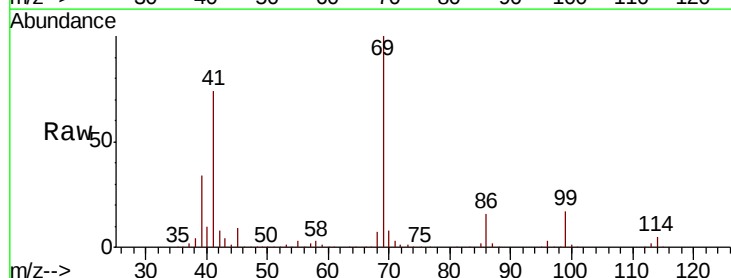
Tgt Ion: 69 Resp: 100052

Ion Ratio Lower Upper

69 100

41 74.5 60.2 90.2

39 34.9 27.9 41.9

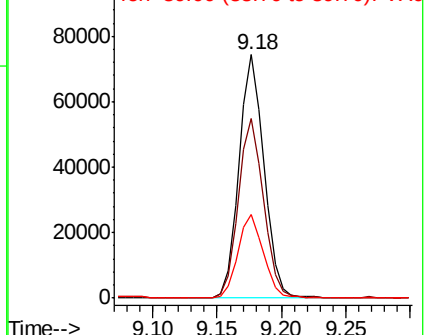
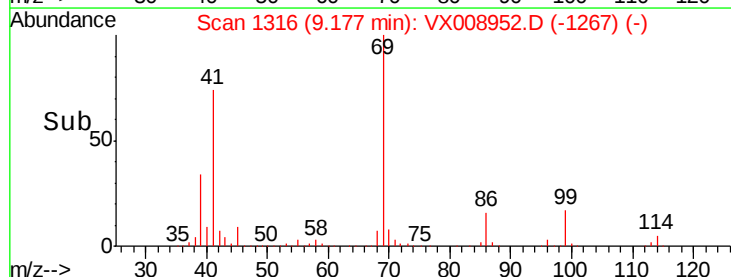


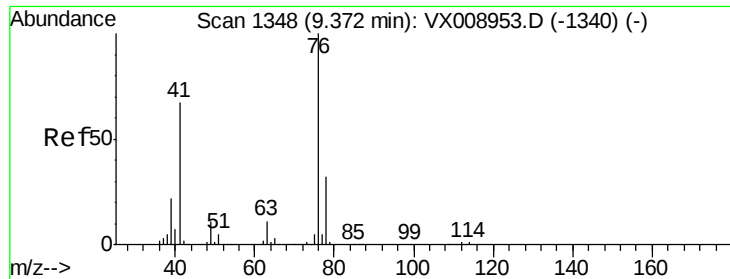
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

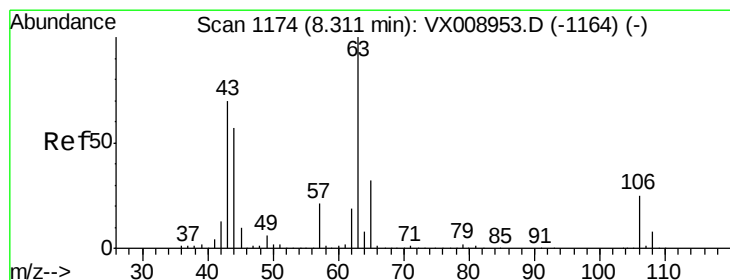
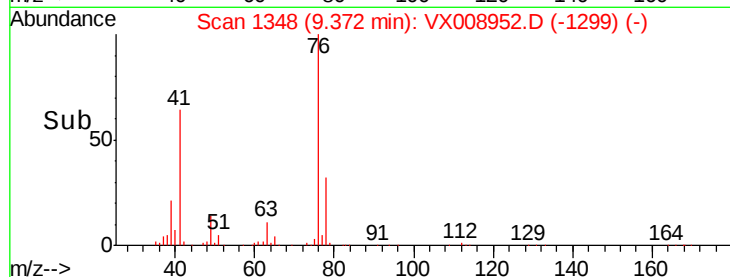
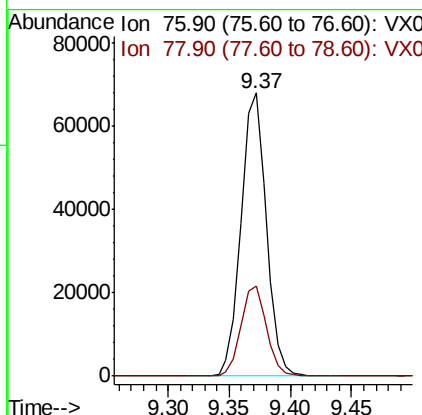
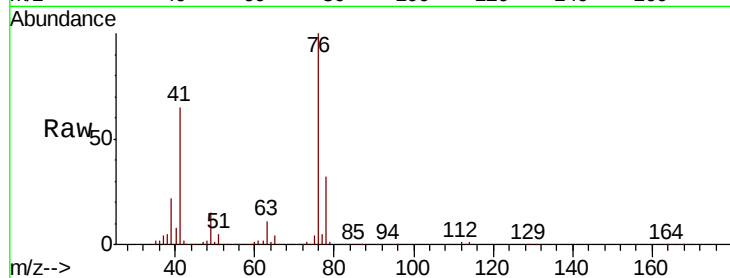




#57
 1,3-Dichloropropane
 Concen: 18.690 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

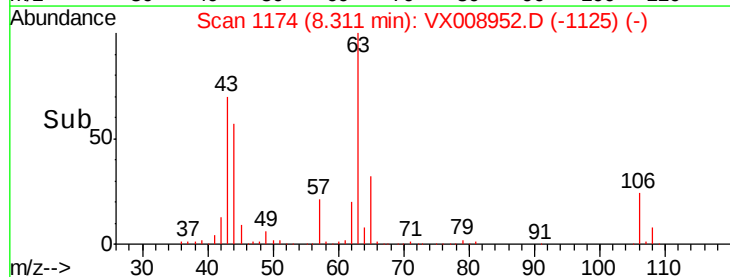
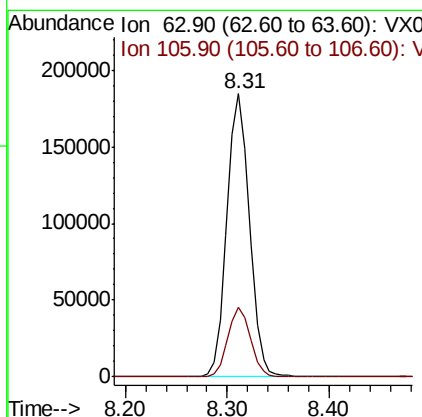
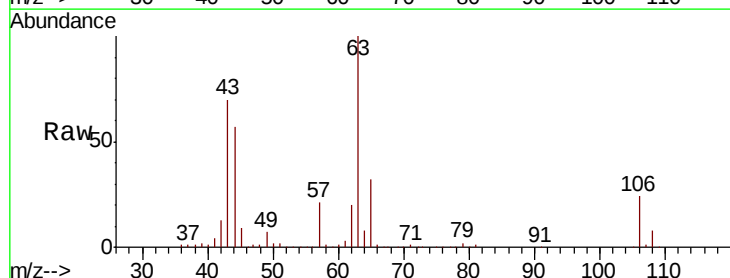
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

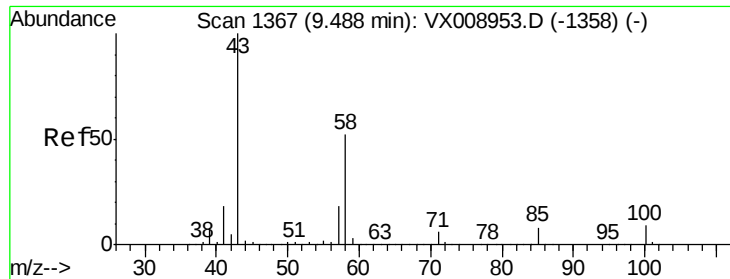
Tot Ion: 76 Resp: 97617
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.377 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion: 63 Resp: 282881
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.8 29.6

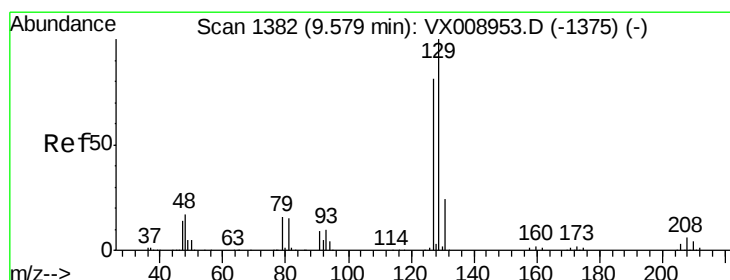
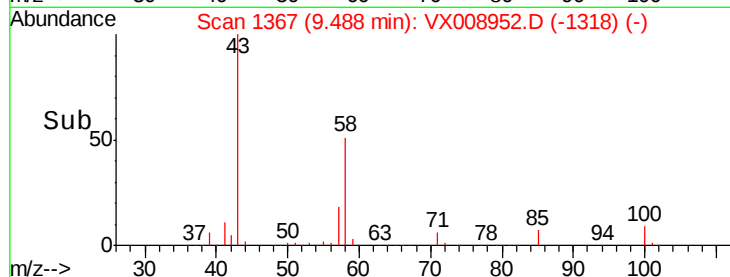
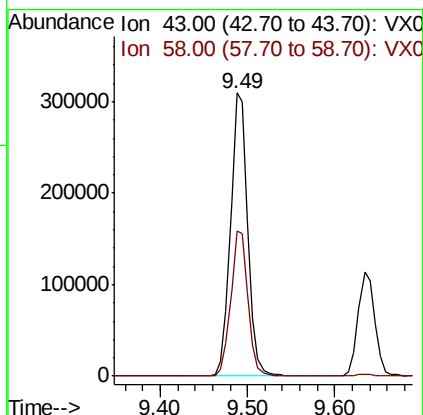
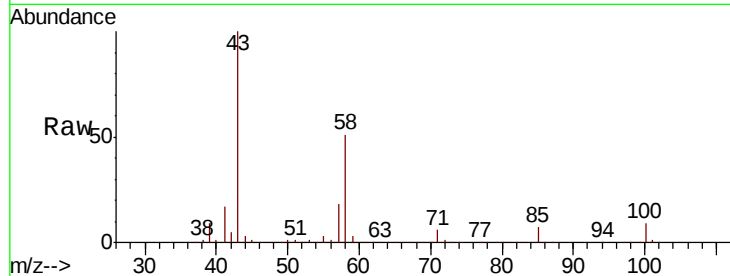




#59
2-Hexanone
Concen: 98.352 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

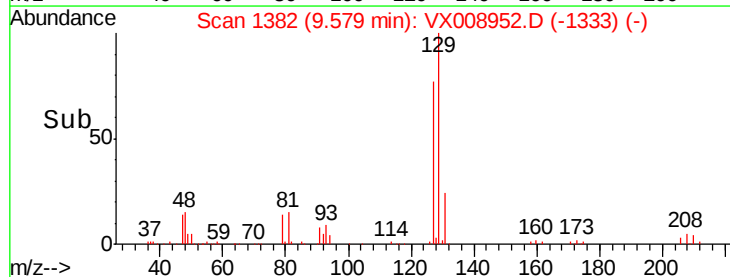
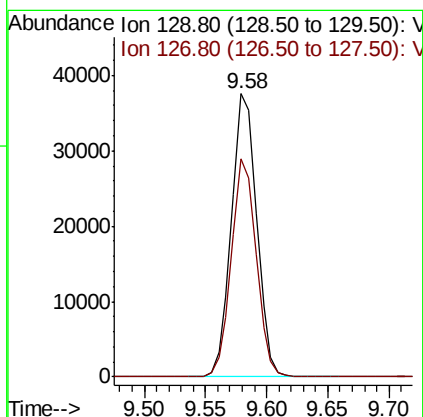
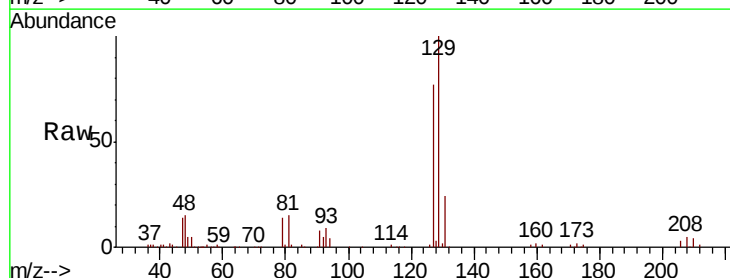
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

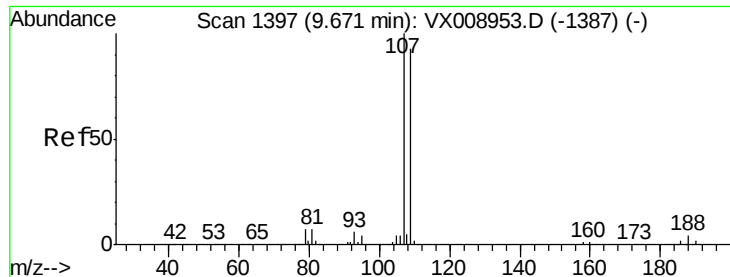
Tot Ion: 43 Resp: 423911
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8



#60
Dibromochloromethane
Concen: 19.478 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion: 129 Resp: 53612
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.743 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

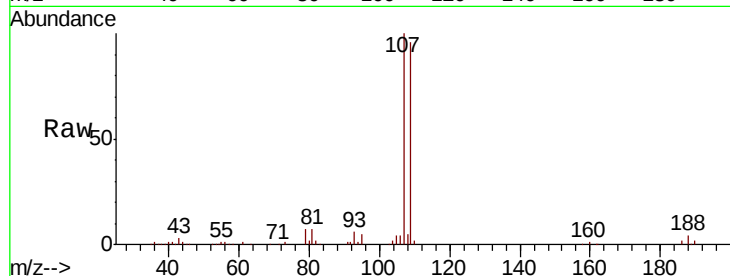
VSTDIC020

Tot Ion:107 Resp: 56868

Ion Ratio Lower Upper

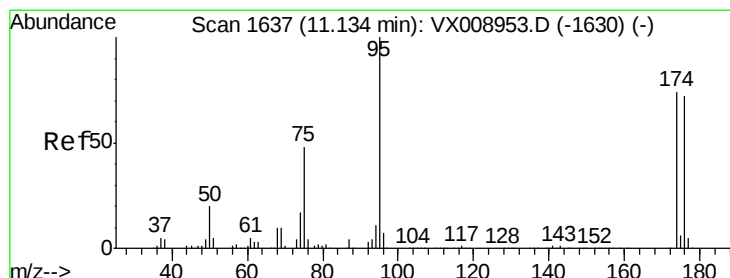
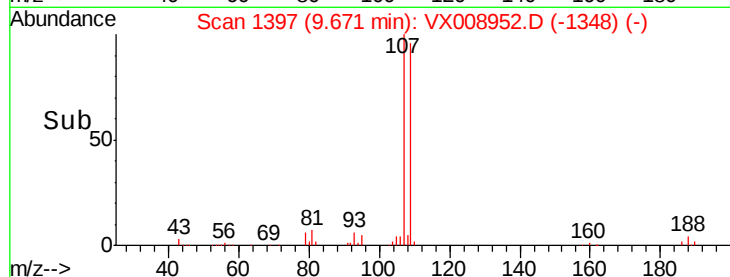
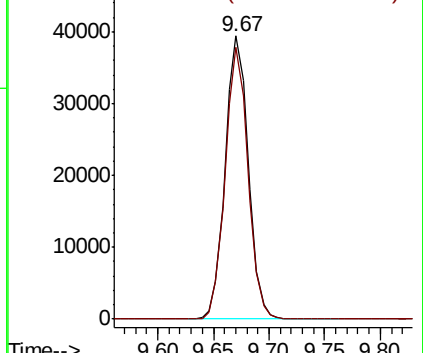
107 100

109 94.6 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 22.439 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

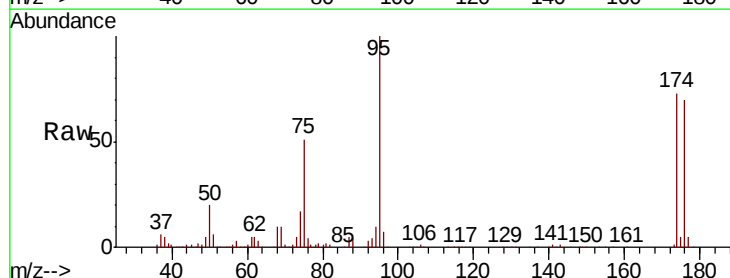
Tgt Ion: 95 Resp: 77313

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.6

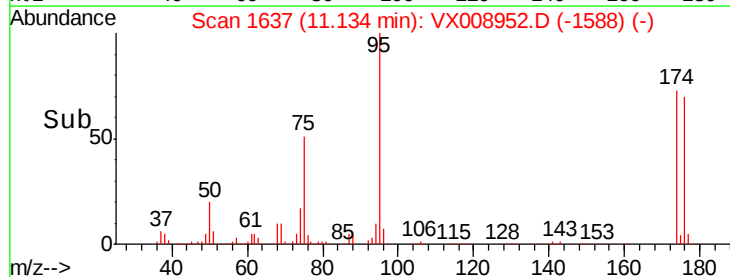
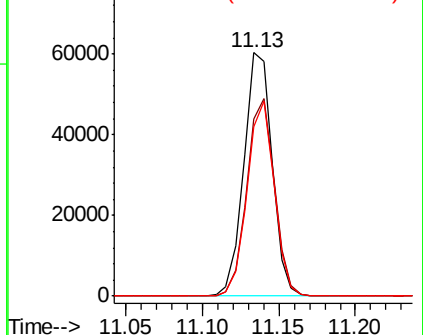
176 77.1 0.0 154.8

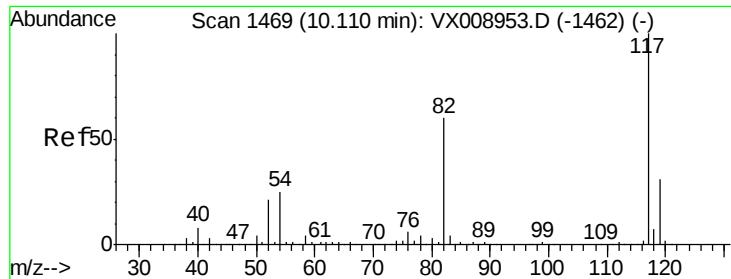


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

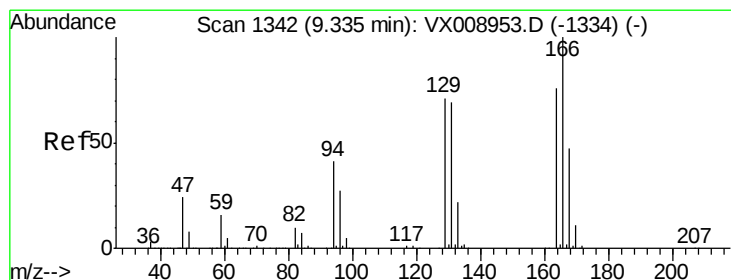
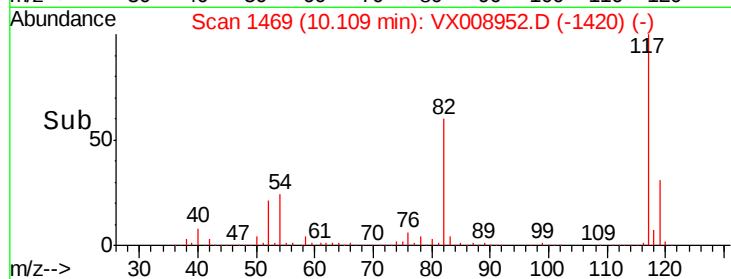
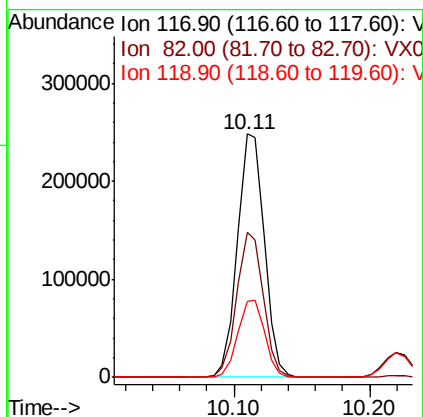
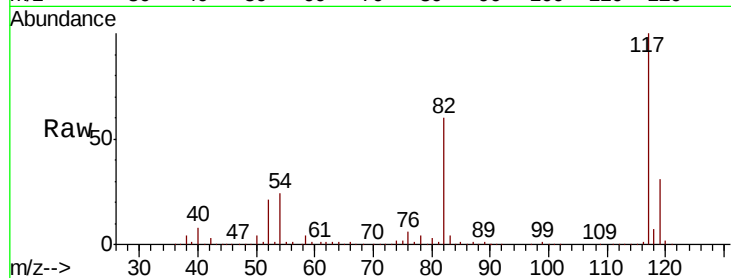




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

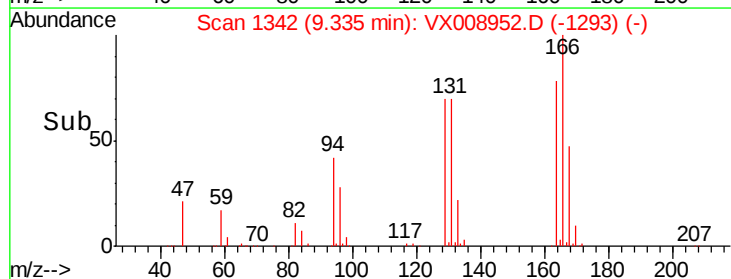
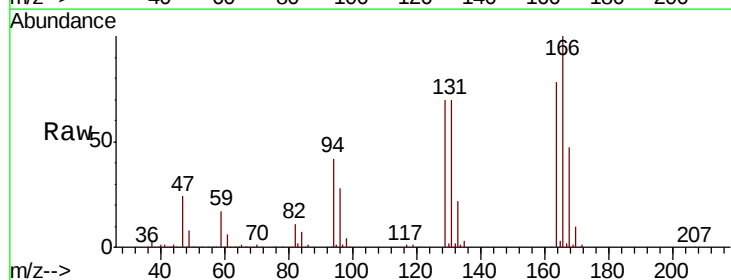
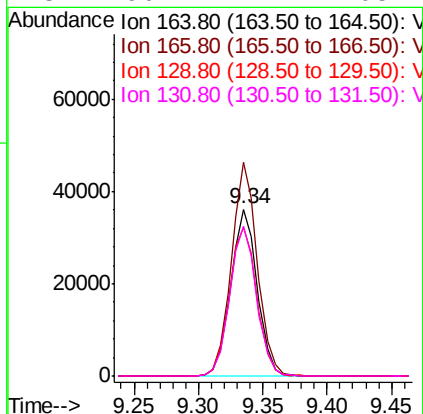
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

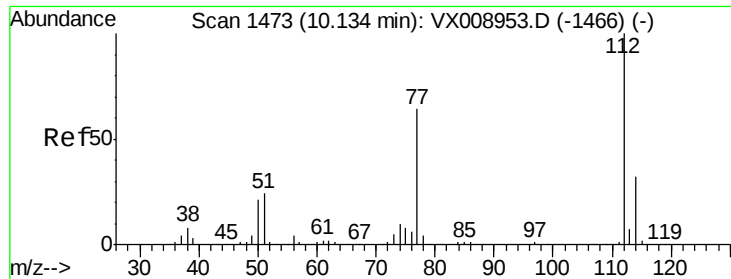
Tot Ion:117 Resp: 342525
Ion Ratio Lower Upper
117 100
82 59.6 48.2 72.4
119 31.1 25.0 37.6



#64
Tetrachloroethene
Concen: 20.453 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion:164 Resp: 51682
Ion Ratio Lower Upper
164 100
166 128.2 105.0 157.4
129 89.3 74.2 111.4
131 90.1 72.2 108.2

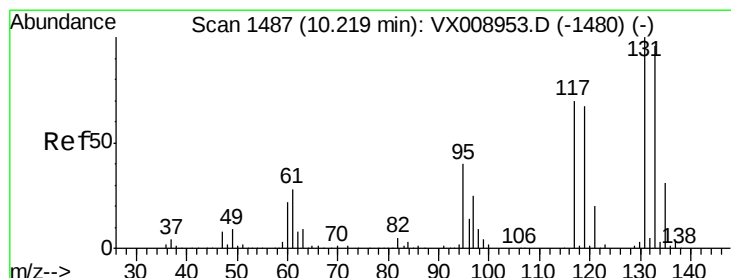
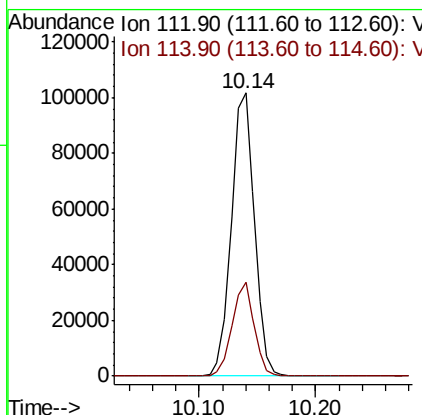
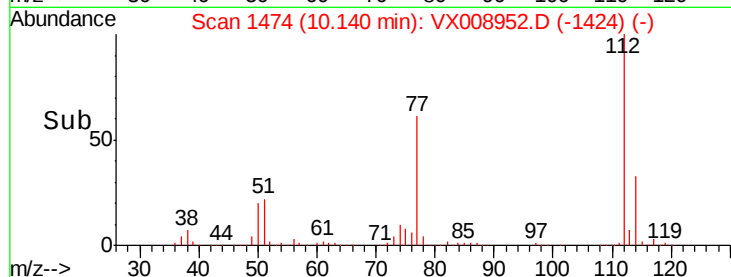
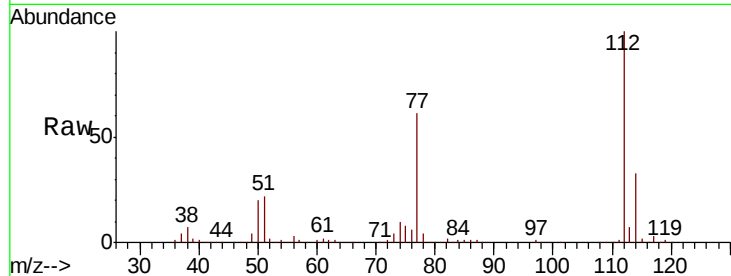




#65
Chlorobenzene
Concen: 18.855 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

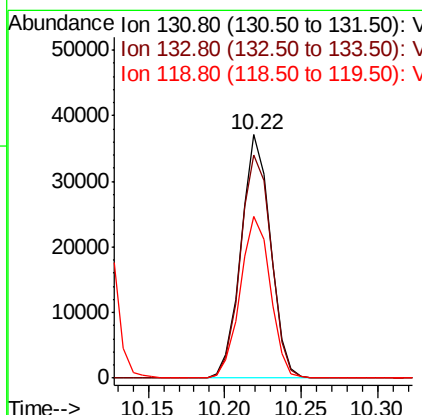
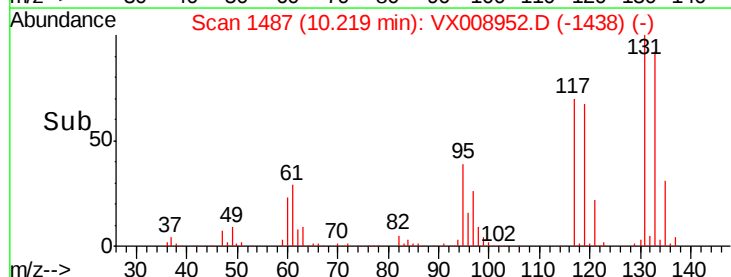
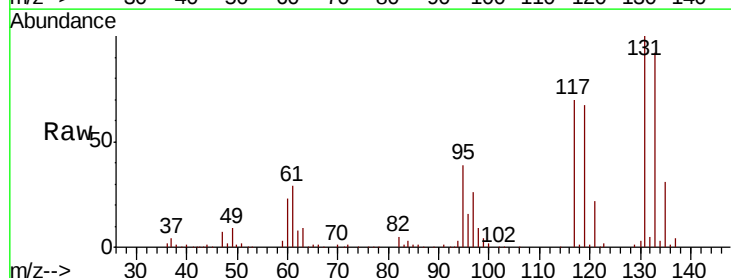
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

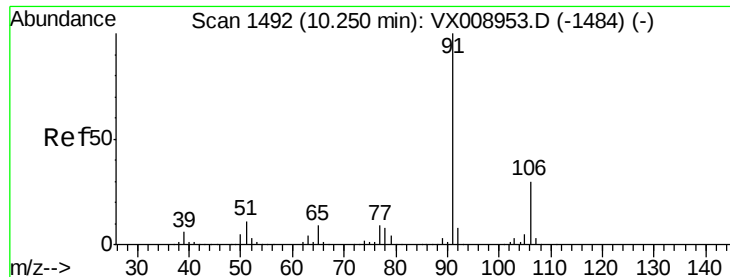
Tot Ion:112 Resp: 140695
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.957 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion:131 Resp: 49607
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 67.8 33.7 101.1





#67

Ethyl Benzene

Concen: 18.729 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

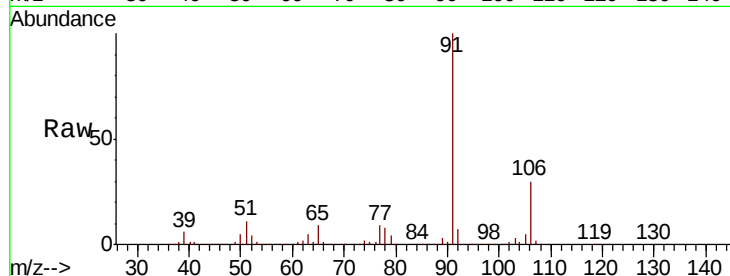
VSTDIC020

Tot Ion: 91 Resp: 259880

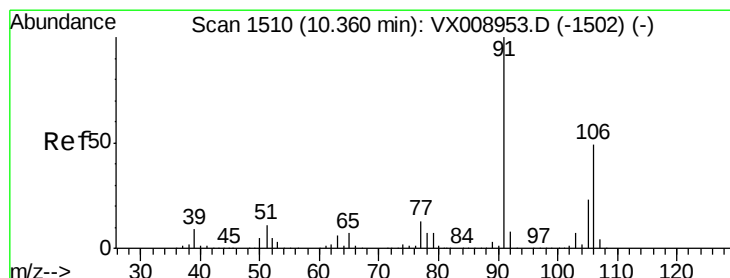
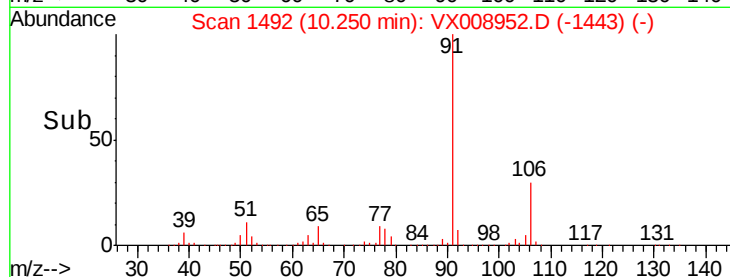
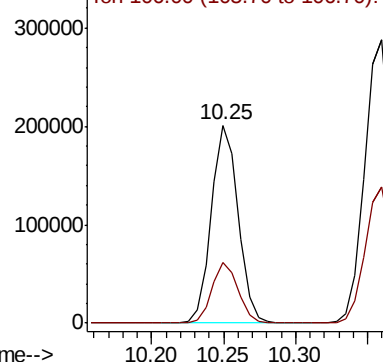
Ion Ratio Lower Upper

91 100

106 30.4 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX008952.D (-1443) (-)



#68

m/p-Xylenes

Concen: 37.238 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008952.D

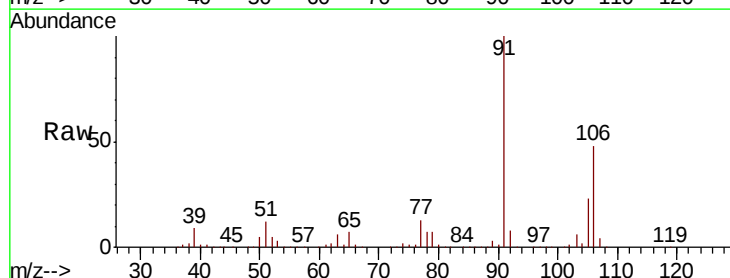
Acq: 15 Apr 2019 10:46

Tgt Ion: 106 Resp: 186049

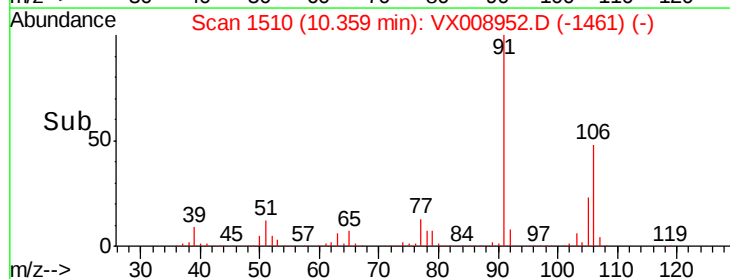
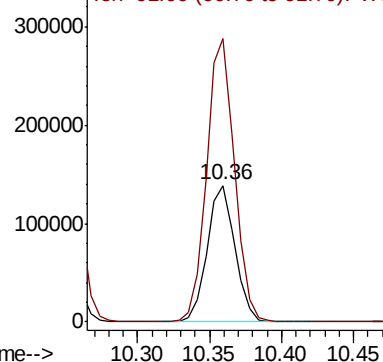
Ion Ratio Lower Upper

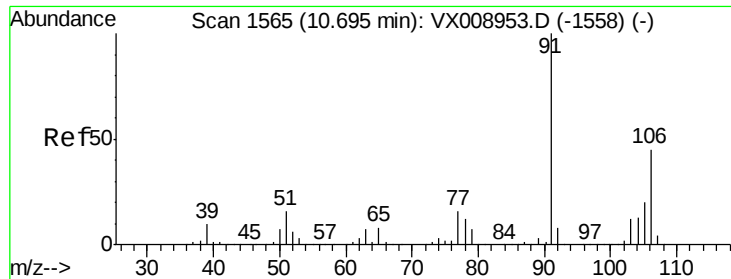
106 100

91 209.0 165.4 248.2



Abundance Ion 106.00 (105.70 to 106.70): VX008952.D (-1461) (-)

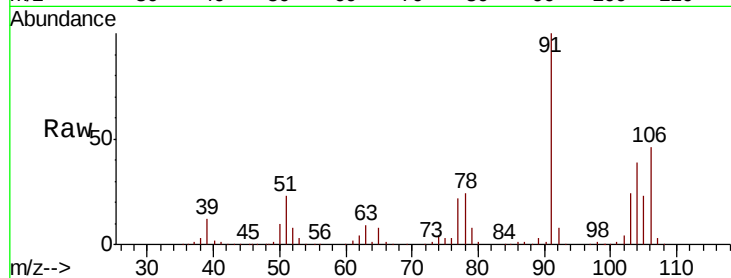




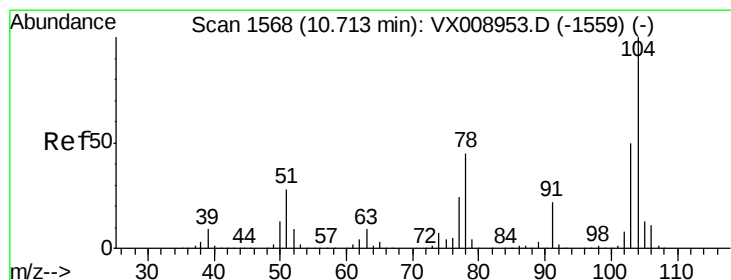
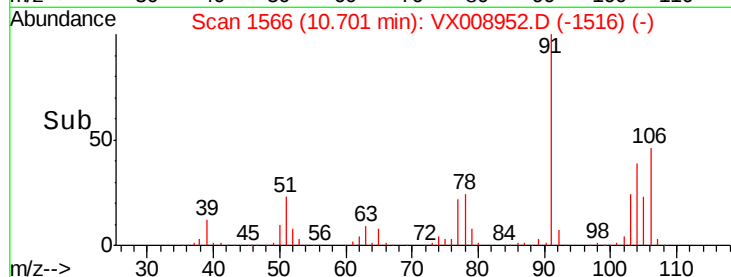
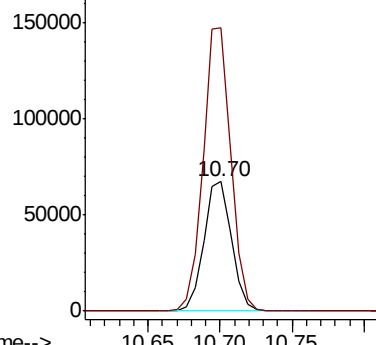
#69
o-Xylene
Concen: 18.644 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 90297
Ion Ratio Lower Upper
106 100
91 219.5 108.9 326.7

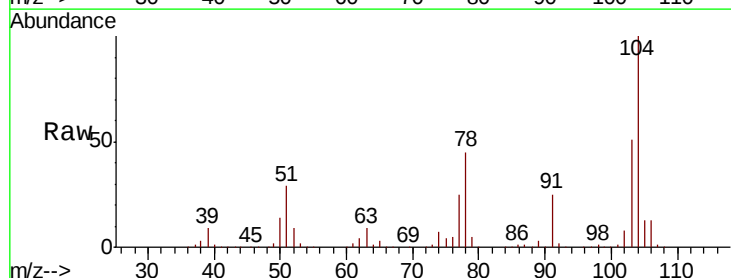


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

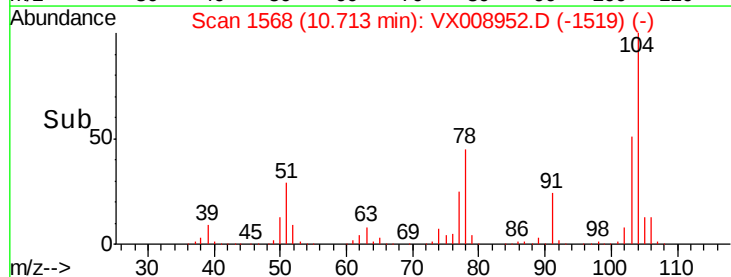
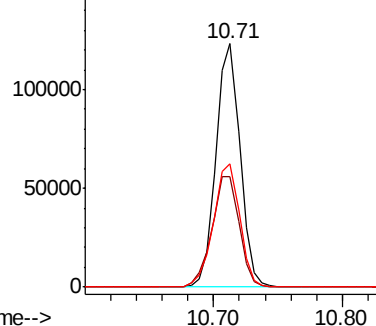


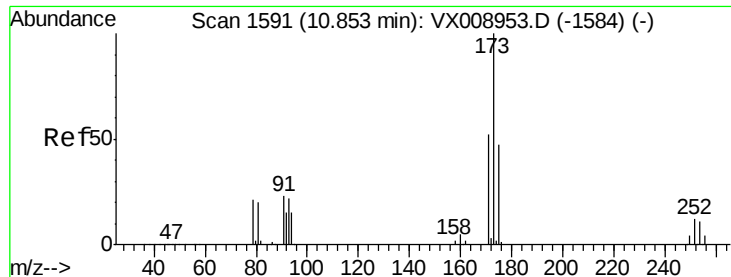
#70
Styrene
Concen: 19.011 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion:104 Resp: 158727
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.4 43.9 65.9



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





#71

Bromoform

Concen: 19.382 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

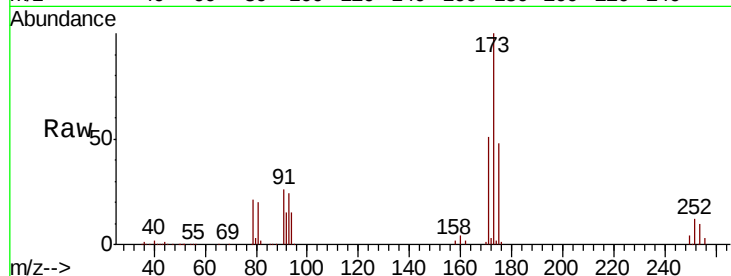
Tot Ion:173 Resp: 38933

Ion Ratio Lower Upper

173 100

175 50.0 23.9 71.8

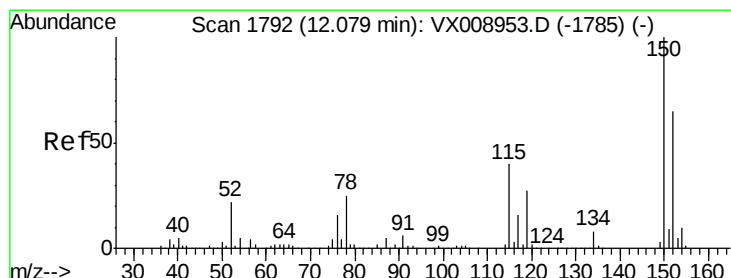
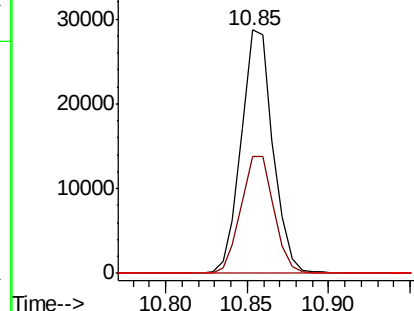
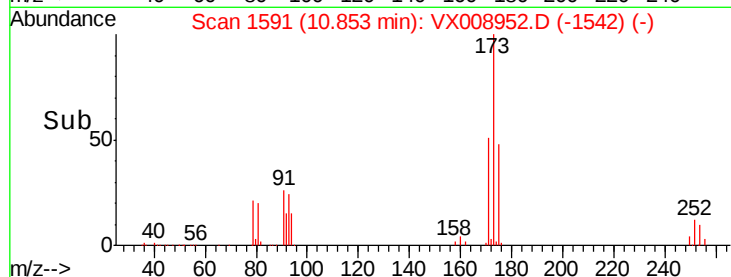
254 0.1 0.2 0.4#



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: VX008952.D

Acq: 15 Apr 2019 10:46

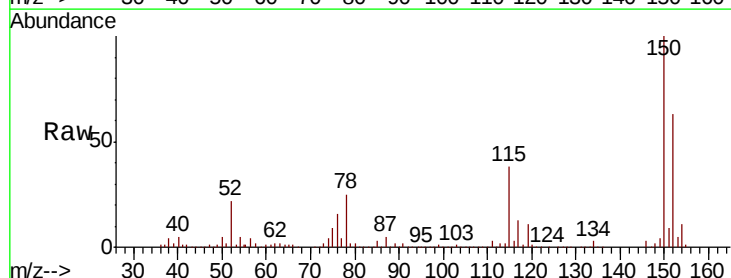
Tgt Ion:152 Resp: 160787

Ion Ratio Lower Upper

152 100

115 69.0 41.4 124.2

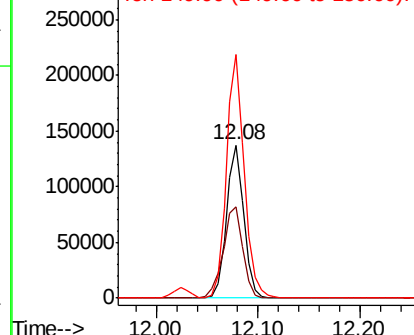
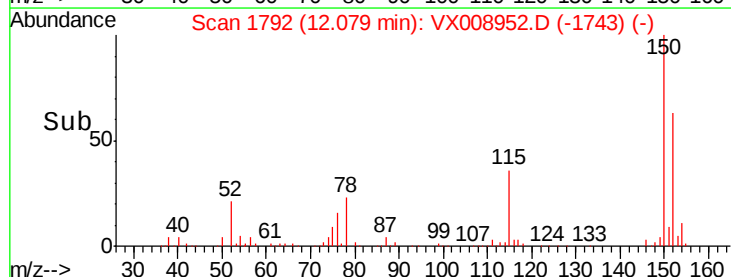
150 165.3 0.0 349.8

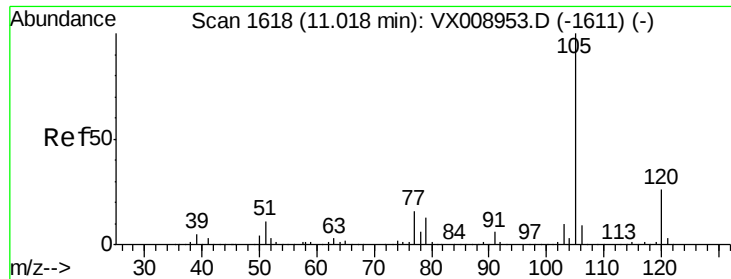


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.754 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

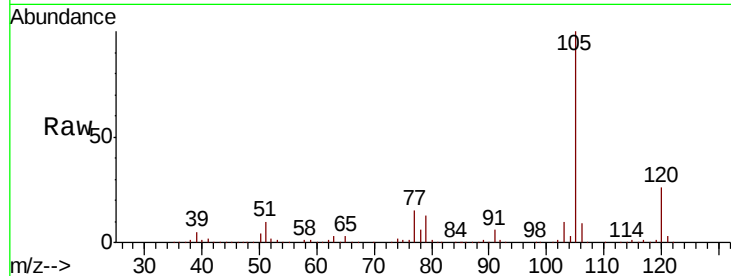
VSTDIC020

Tot Ion:105 Resp: 244114

Ion Ratio Lower Upper

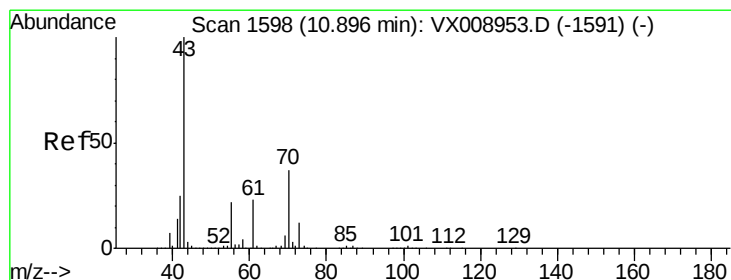
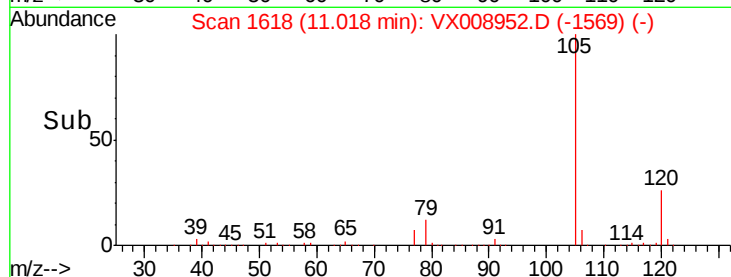
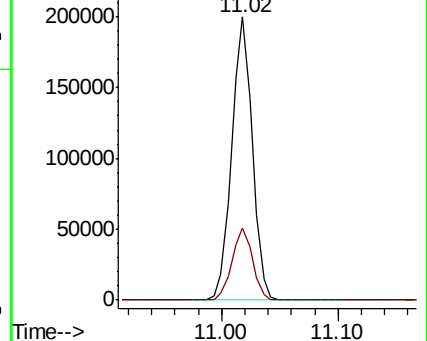
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.536 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Tgt Ion: 43 Resp: 141861

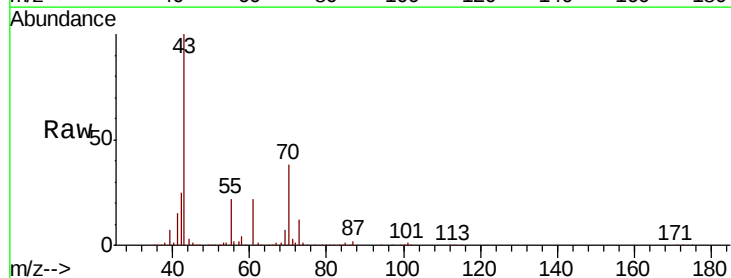
Ion Ratio Lower Upper

43 100

70 37.7 29.9 44.9

55 22.5 17.8 26.8

61 22.7 18.3 27.5

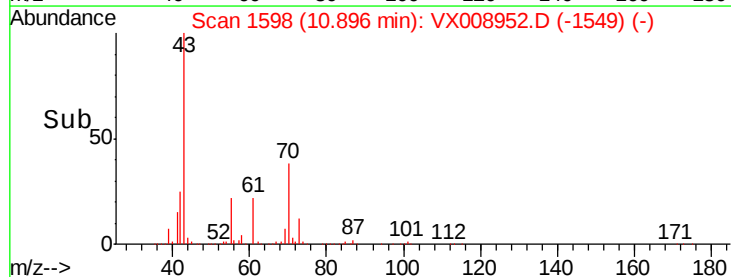
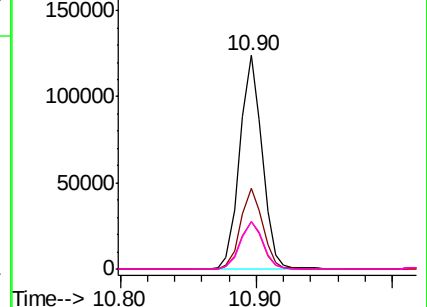


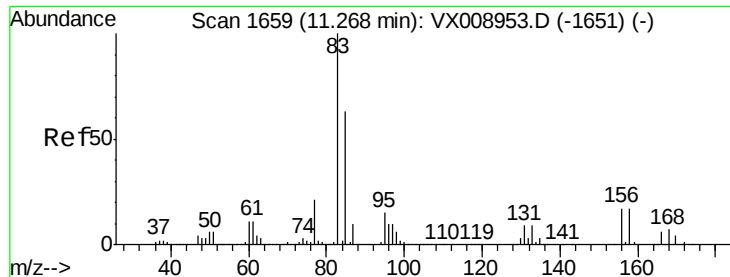
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.196 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

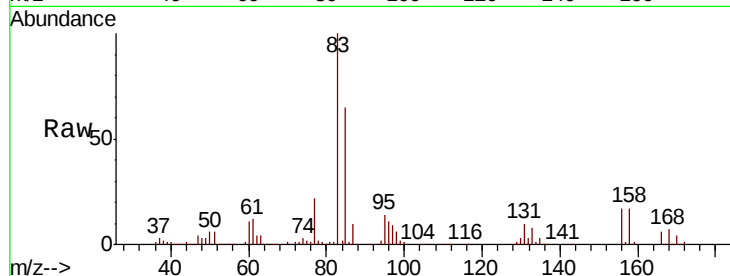
Tot Ion: 83 Resp: 89839

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

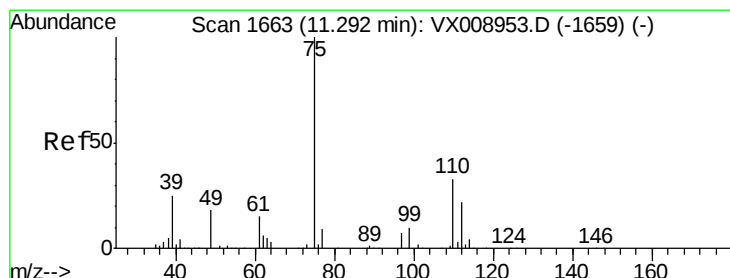
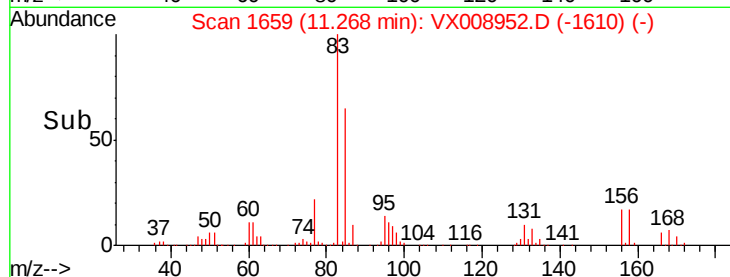
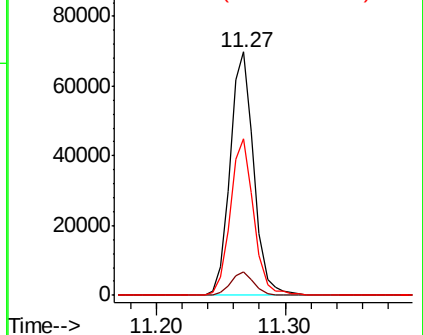
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.895 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008952.D

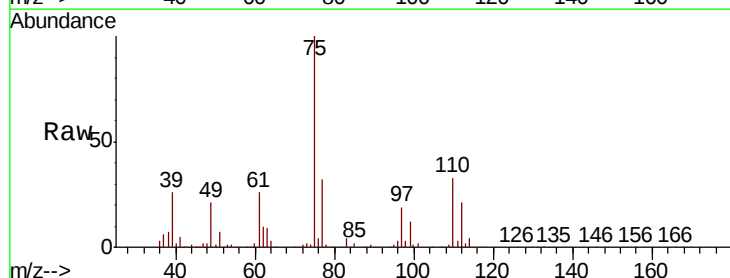
Acq: 15 Apr 2019 10:46

Tgt Ion: 75 Resp: 107363

Ion Ratio Lower Upper

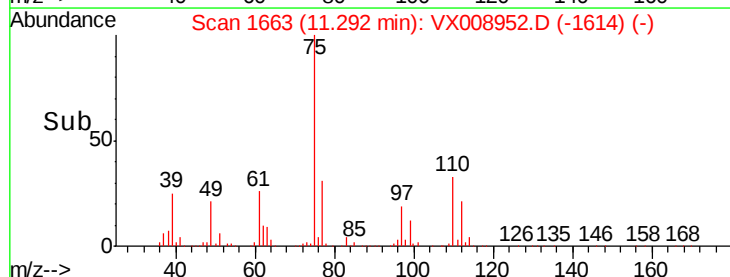
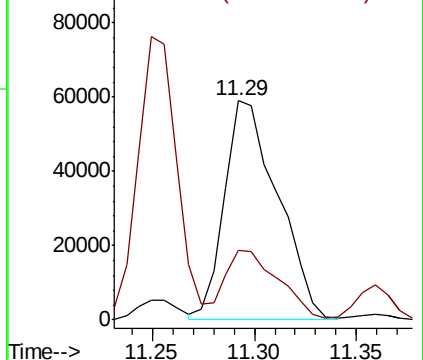
75 100

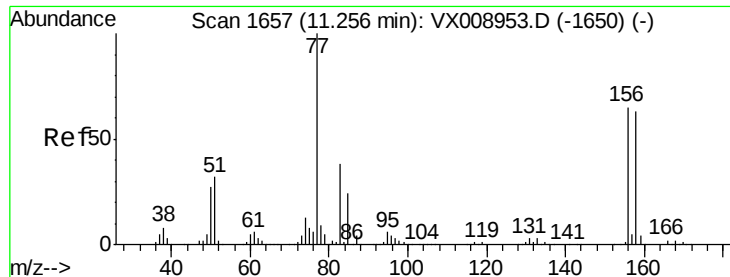
77 32.2 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.974 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

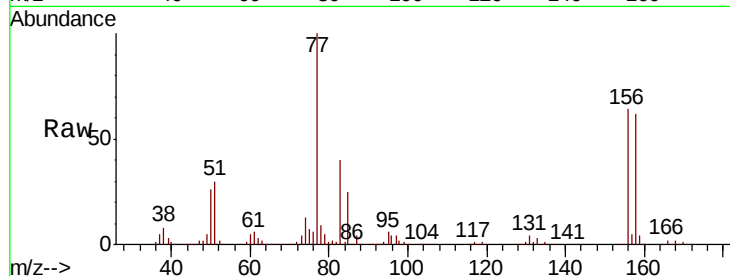
Tot Ion:156 Resp: 59710

Ion Ratio Lower Upper

156 100

77 168.7 85.4 256.1

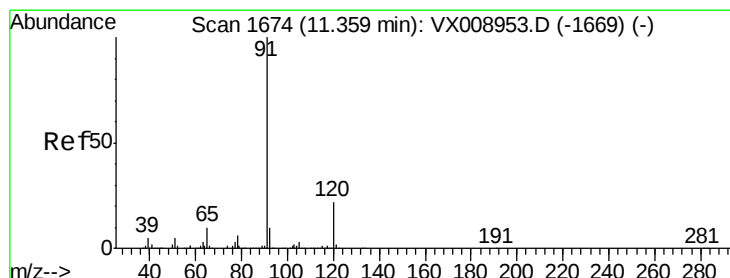
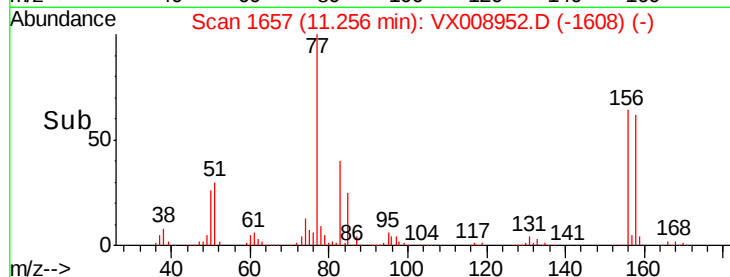
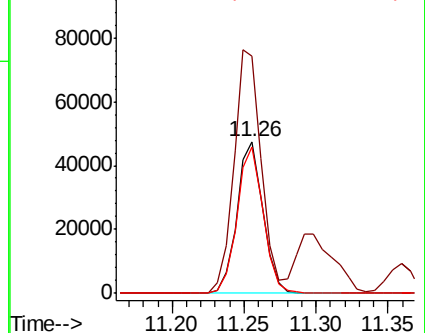
158 96.9 48.8 146.4



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: 18.602 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008952.D

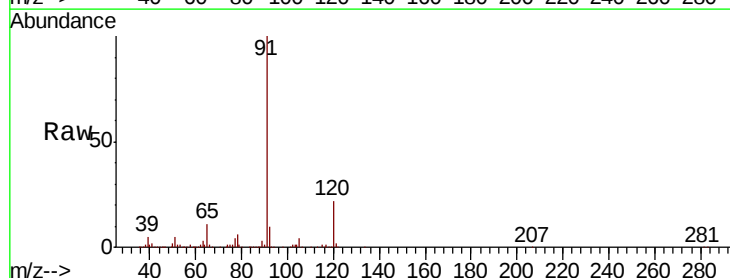
Acq: 15 Apr 2019 10:46

Tgt Ion: 91 Resp: 281801

Ion Ratio Lower Upper

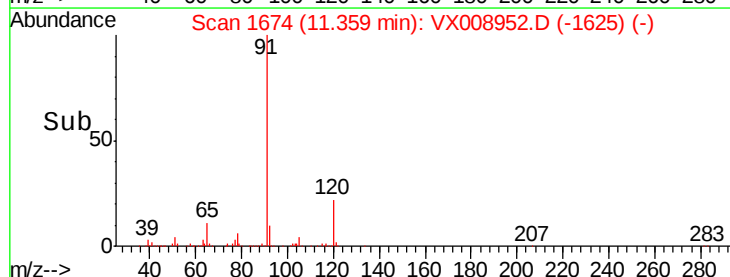
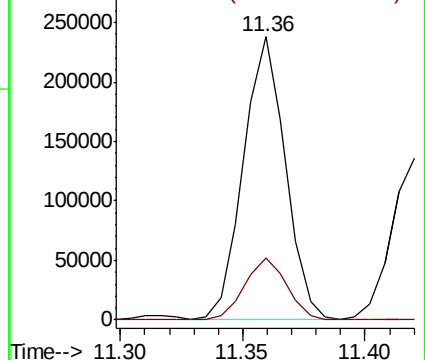
91 100

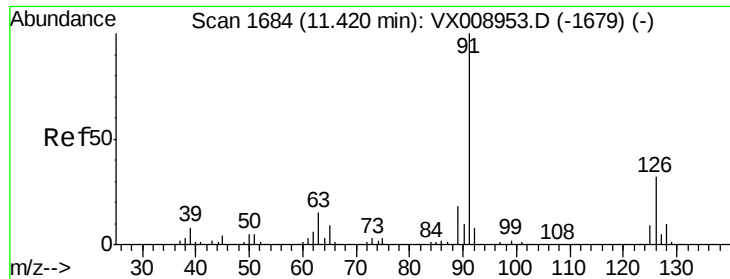
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

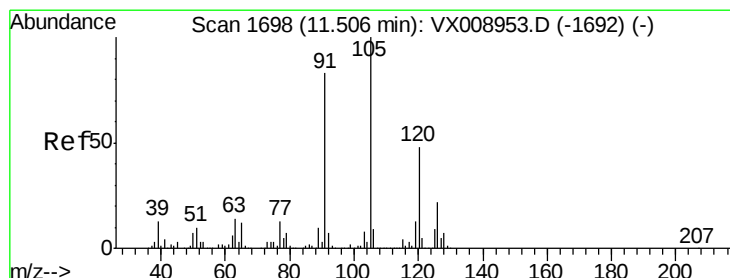
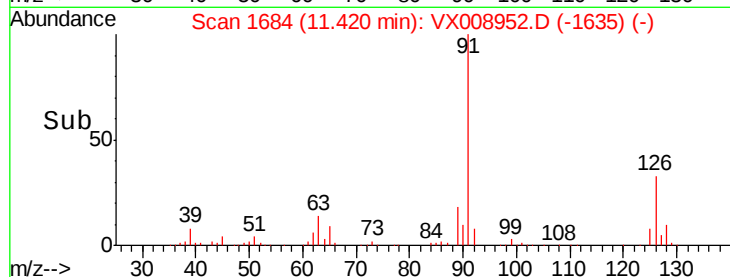
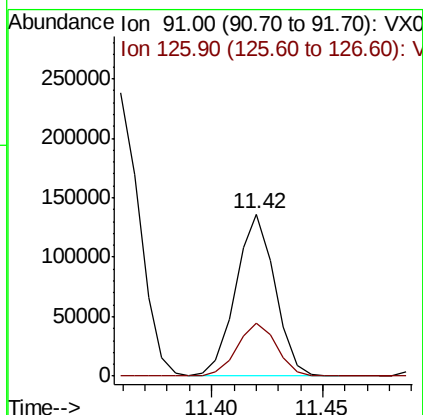
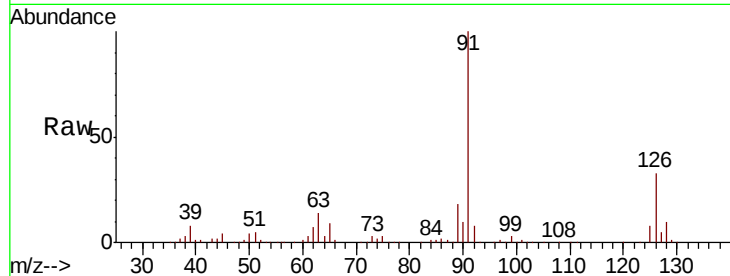




#79
 2-Chlorotoluene
 Concen: 18.201 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

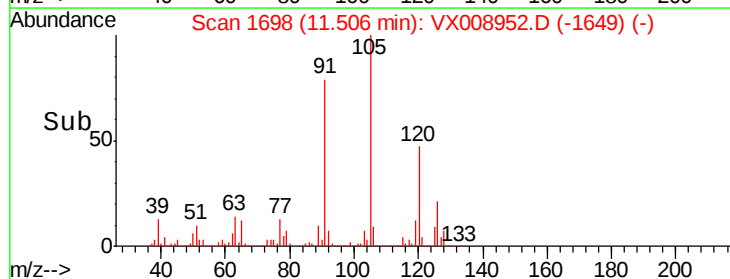
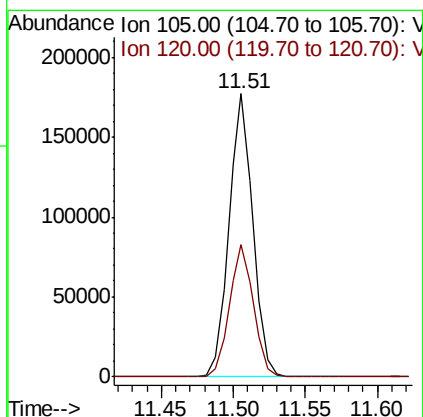
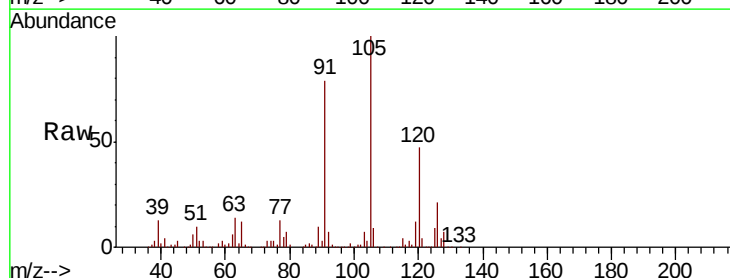
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

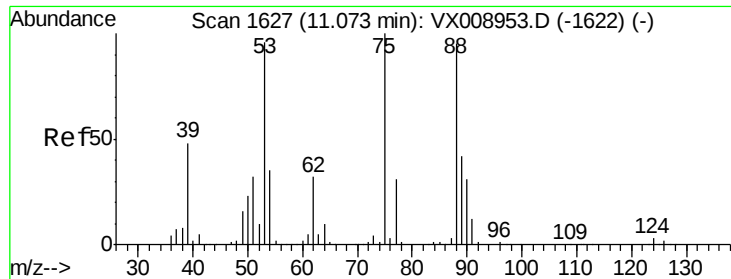
Tot Ion: 91 Resp: 166771
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 18.855 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion: 105 Resp: 205688
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.241 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

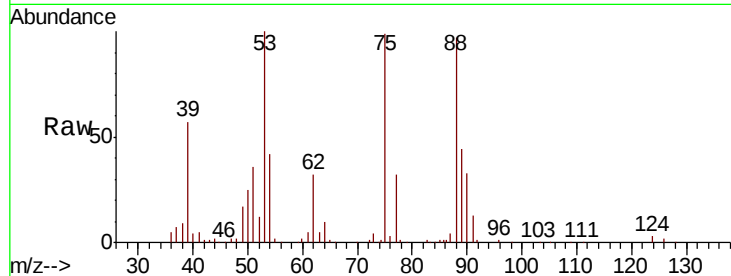
Tot Ion: 75 Resp: 30352

Ion Ratio Lower Upper

75 100

53 104.7 78.2 117.4

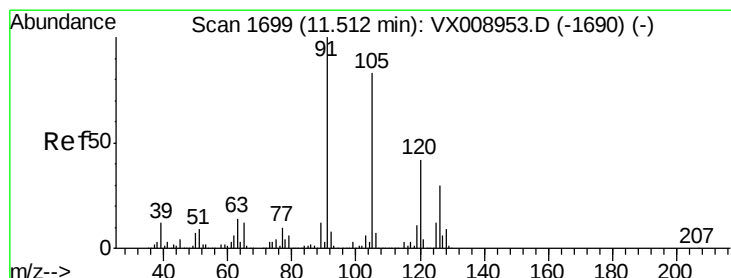
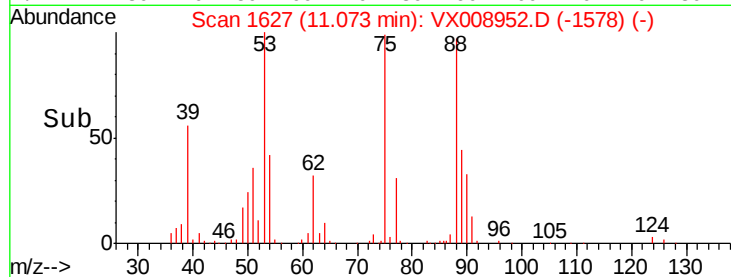
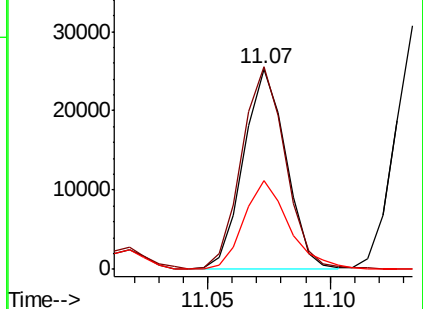
89 48.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.937 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008952.D

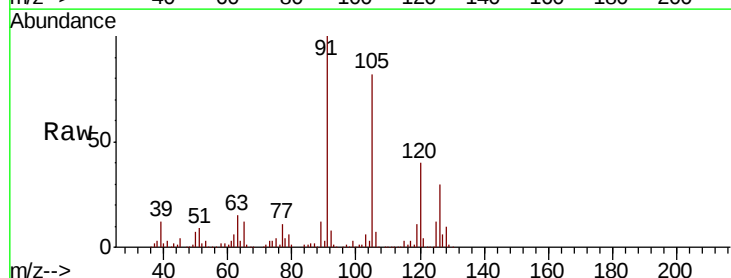
Acq: 15 Apr 2019 10:46

Tgt Ion: 91 Resp: 190344

Ion Ratio Lower Upper

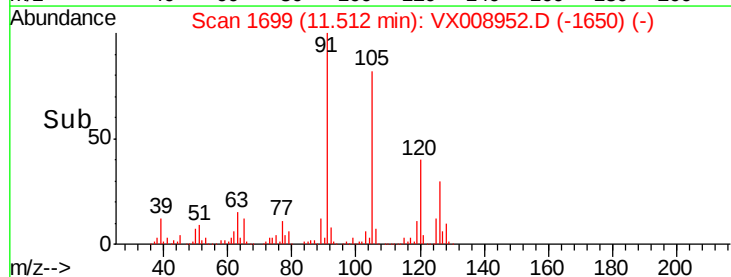
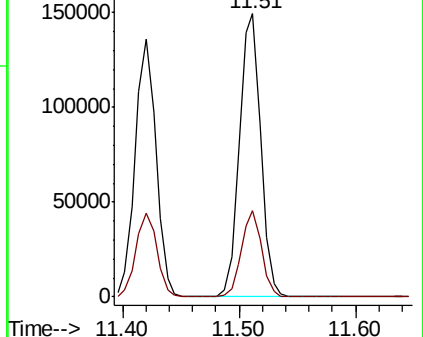
91 100

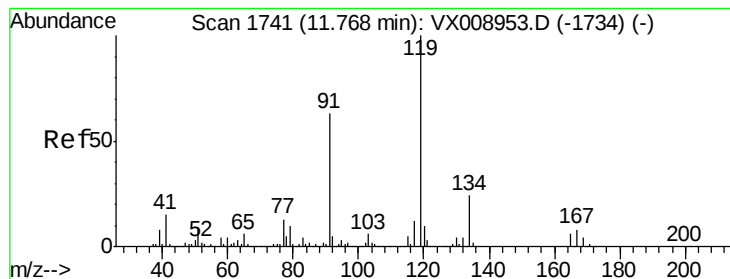
126 29.1 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.185 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

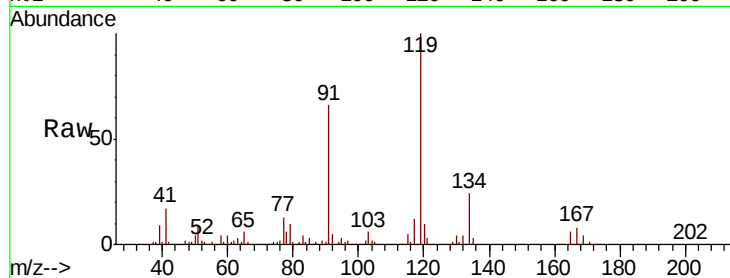
Tot Ion:119 Resp: 191077

Ion Ratio Lower Upper

119 100

91 59.8 29.7 89.1

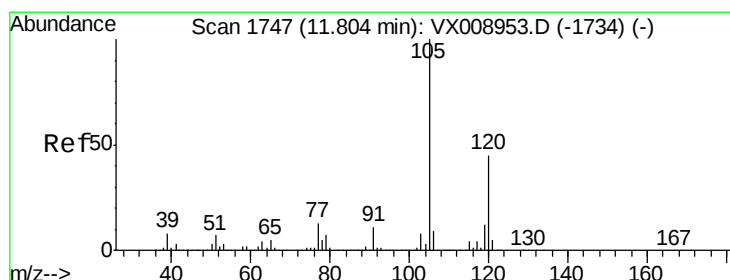
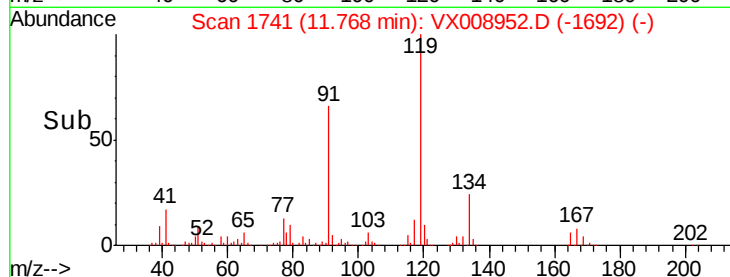
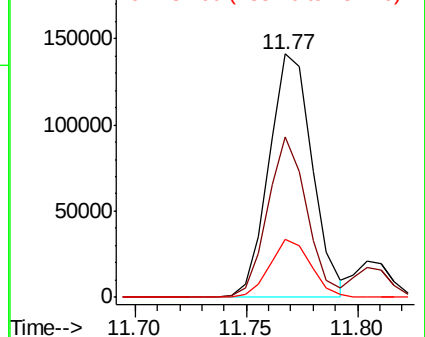
134 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.755 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008952.D

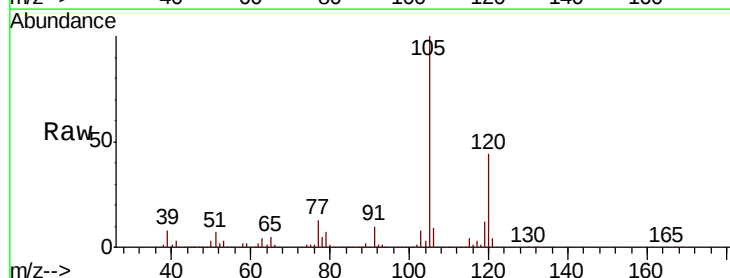
Acq: 15 Apr 2019 10:46

Tgt Ion:105 Resp: 207267

Ion Ratio Lower Upper

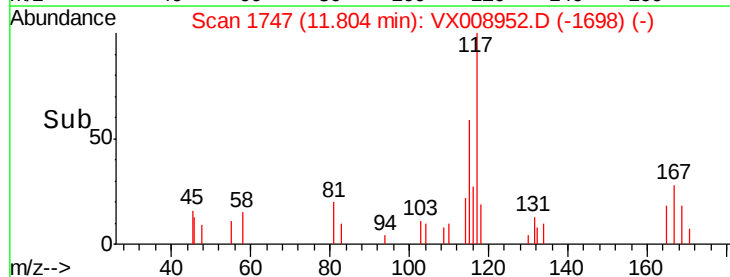
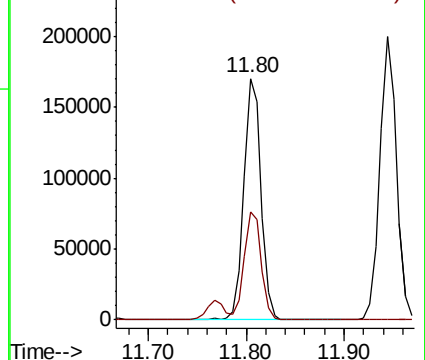
105 100

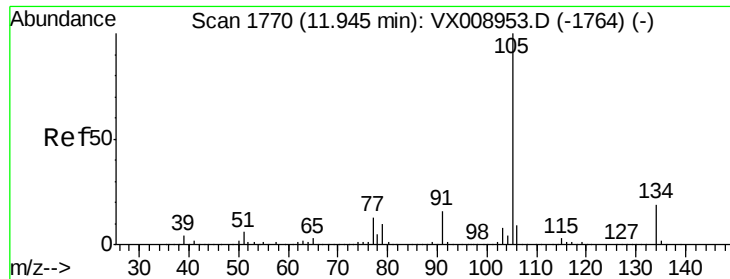
120 44.2 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.835 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

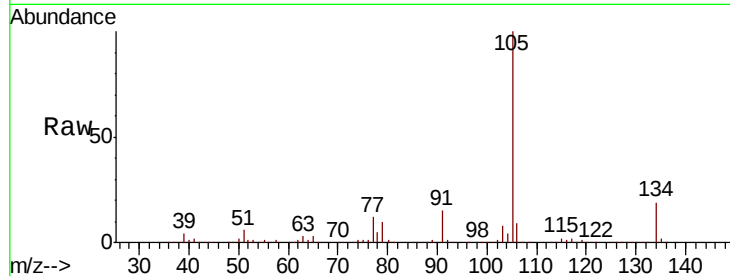
VSTDIC020

Tot Ion:105 Resp: 235112

Ion Ratio Lower Upper

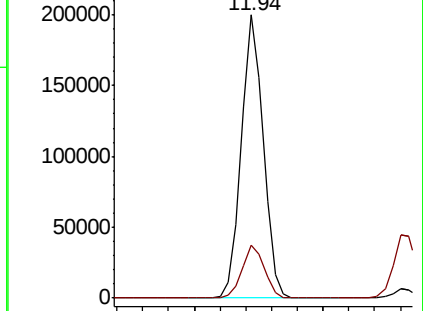
105 100

134 19.1 9.6 28.6

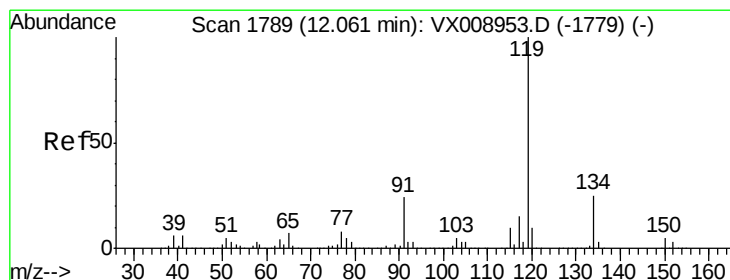
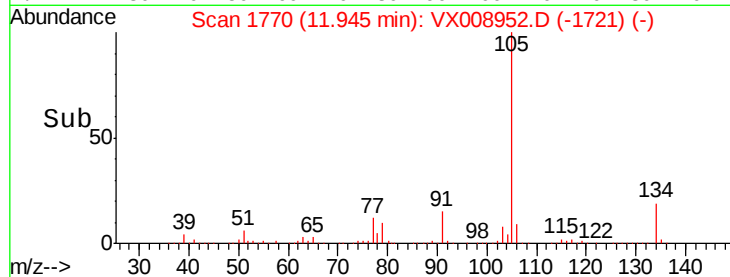


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 19.313 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

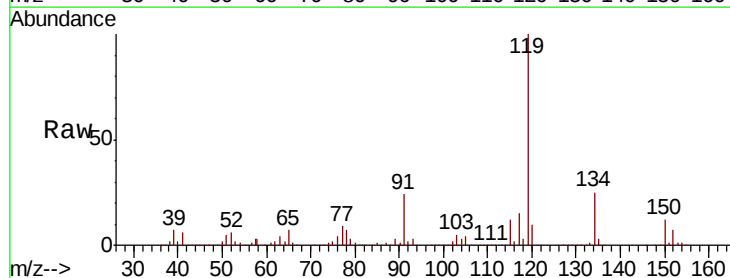
Tgt Ion:119 Resp: 217043

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

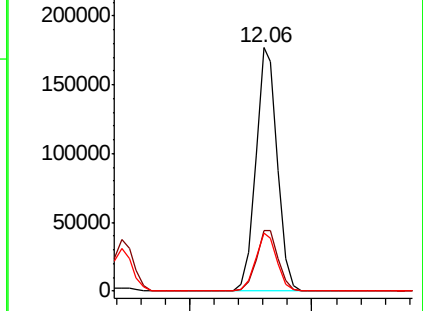
91 23.9 11.9 35.5



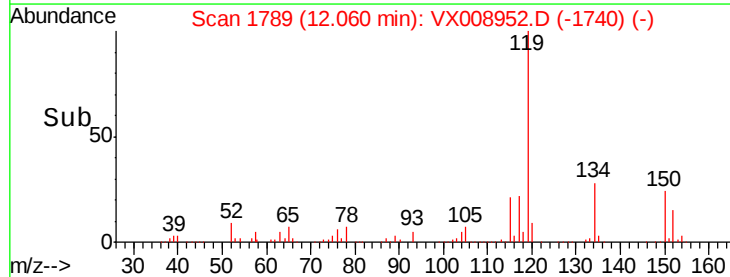
Abundance Ion 119.00 (118.70 to 119.70): V

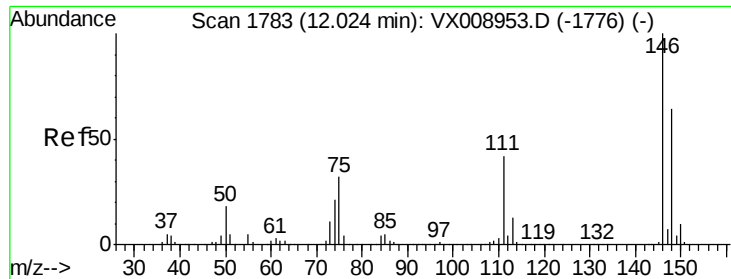
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

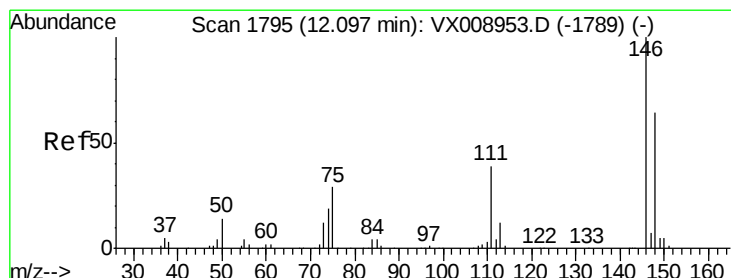
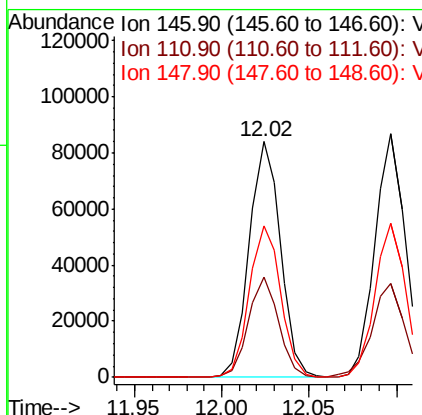
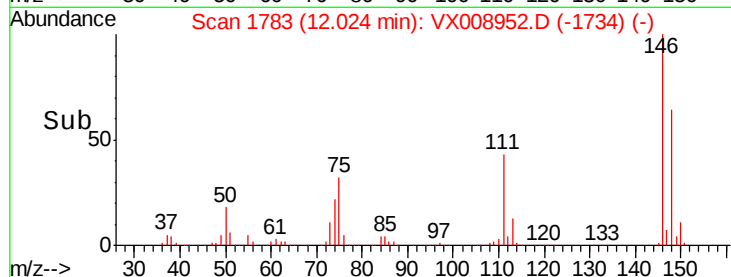
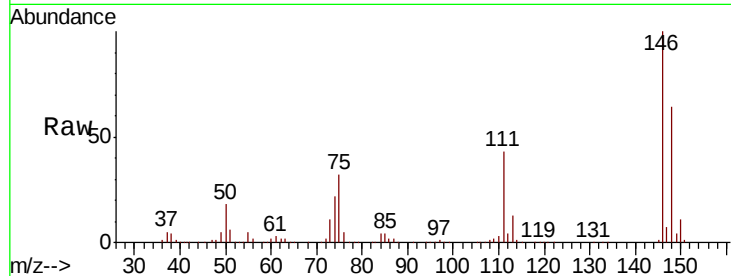




#87
 1,3-Dichlorobenzene
 Concen: 18.681 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

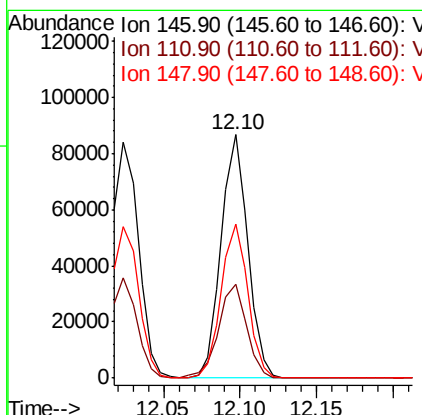
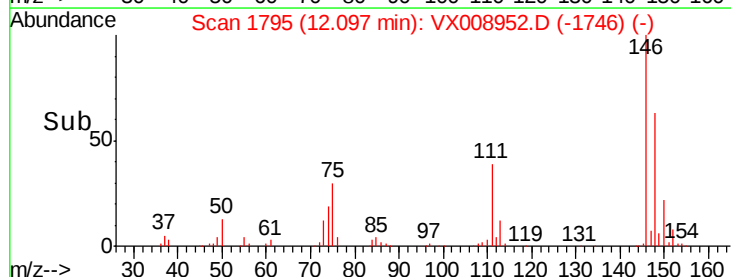
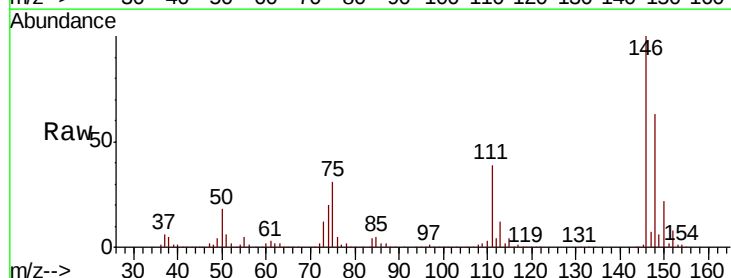
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

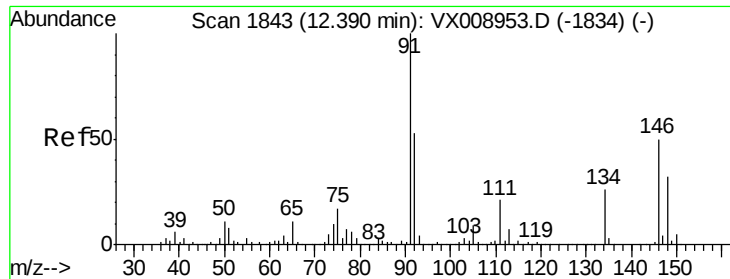
Tot Ion:146 Resp: 105189
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.6
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 18.438 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion:146 Resp: 105297
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 59.9
 148 63.3 32.2 96.6

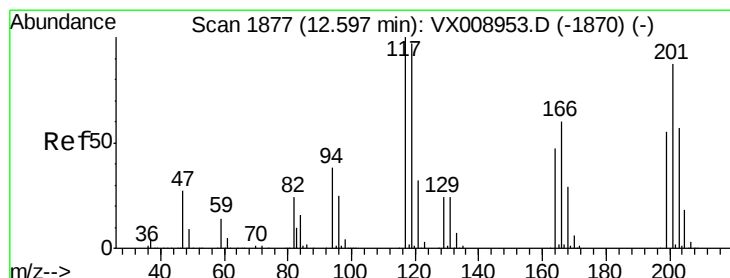
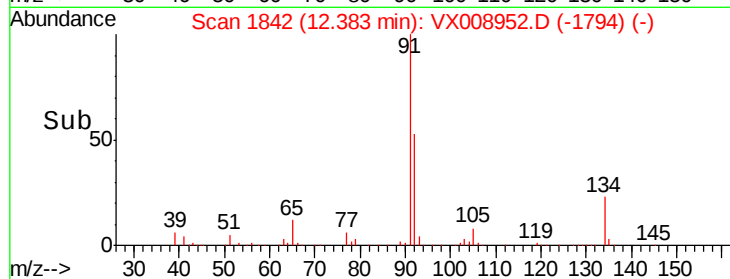
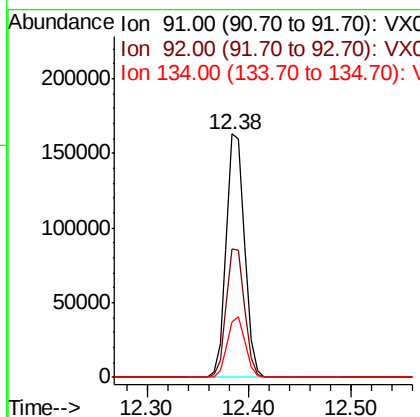
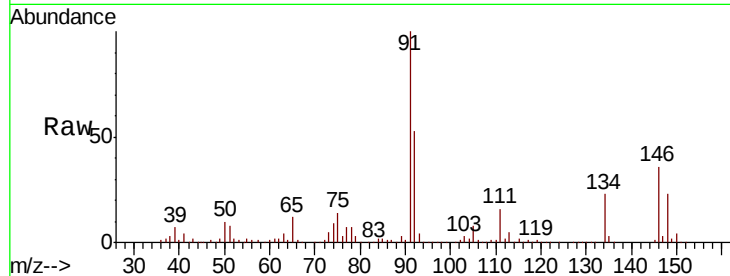




#89
n-Butylbenzene
Concen: 19.250 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

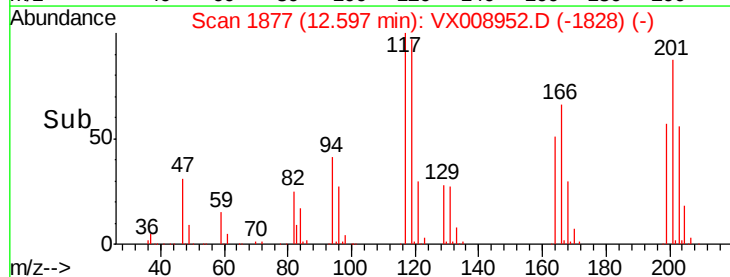
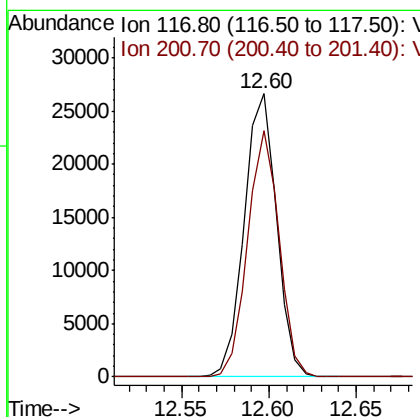
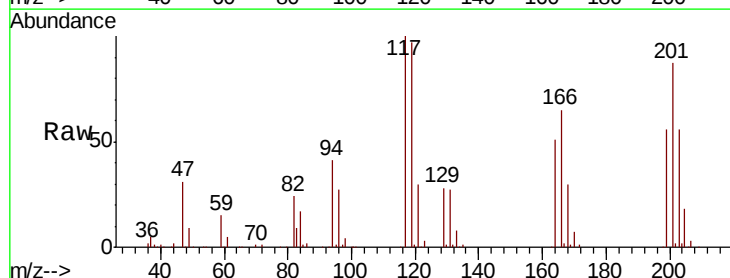
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

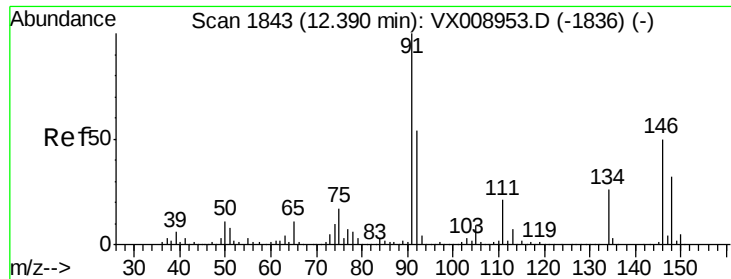
Tot Ion: 91 Resp: 202670
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 24.1 12.4 37.2



#90
Hexachloroethane
Concen: 18.451 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008952.D
Acq: 15 Apr 2019 10:46

Tgt Ion: 117 Resp: 34424
Ion Ratio Lower Upper
117 100
201 84.6 43.0 129.0

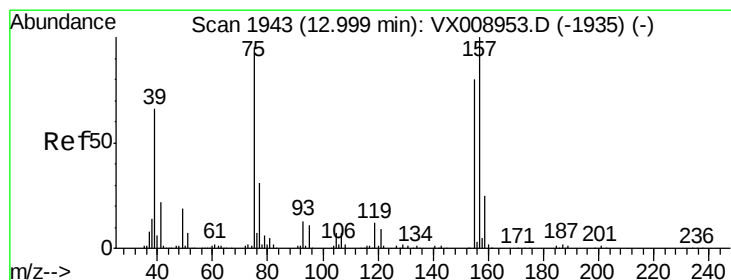
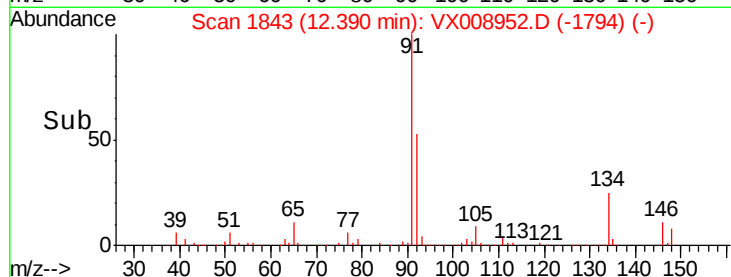
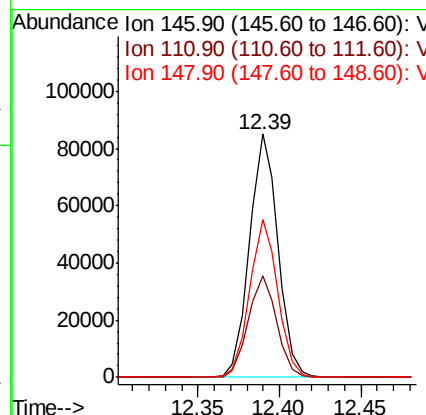
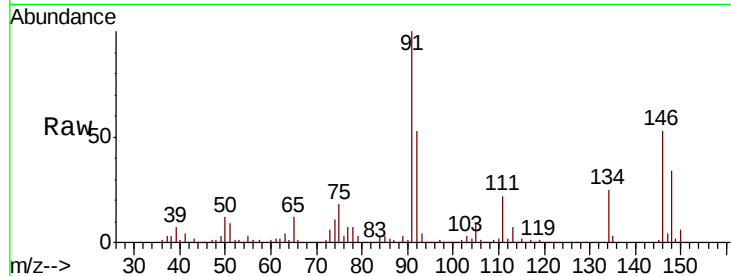




#91
 1,2-Dichlorobenzene
 Concen: 18.537 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

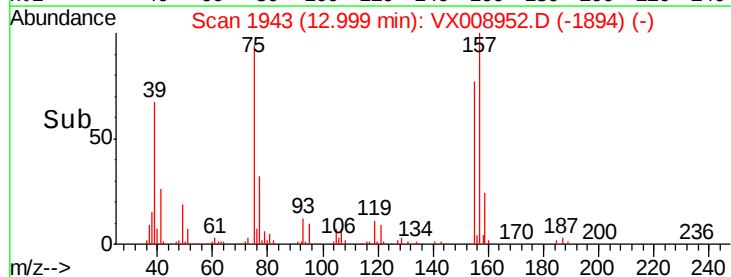
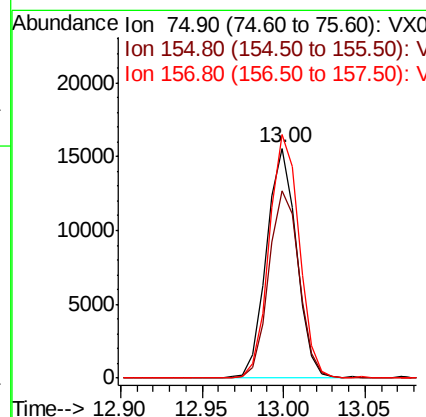
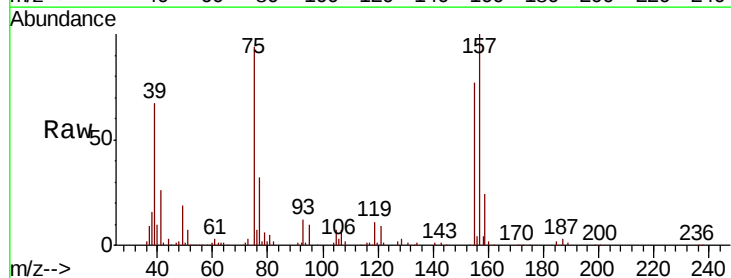
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

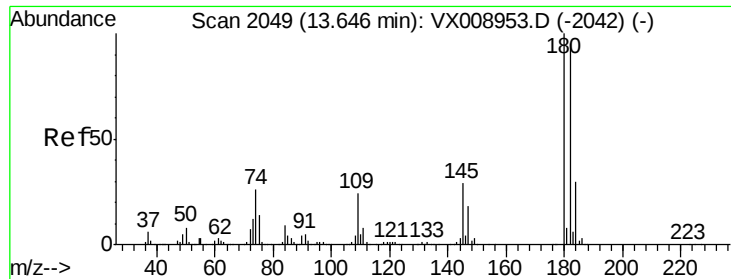
Tot Ion:146 Resp: 103621
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.9
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.335 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion: 75 Resp: 19973
 Ion Ratio Lower Upper
 75 100
 155 82.1 41.2 123.6
 157 105.5 52.5 157.6

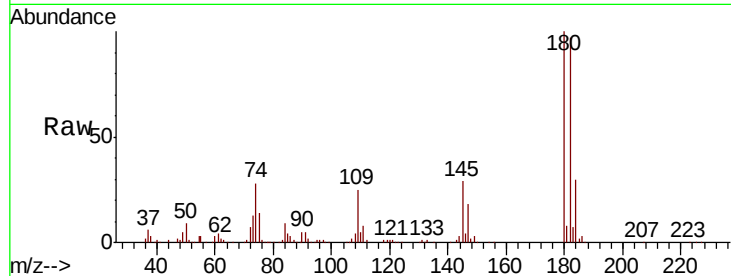




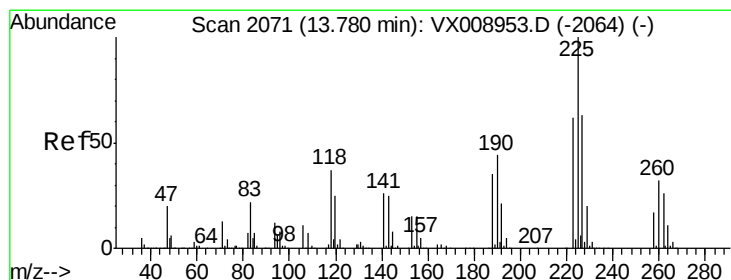
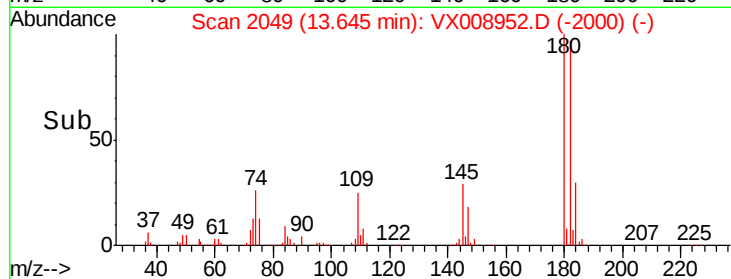
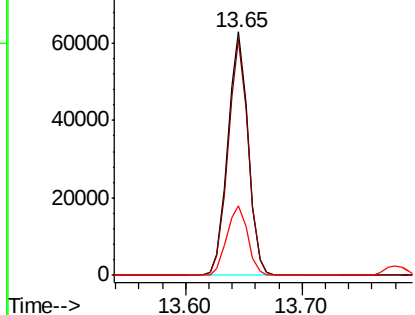
#93
 1,2,4-Trichlorobenzene
 Concen: 19.448 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:180 Resp: 76232
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.9
 145 29.3 14.8 44.4

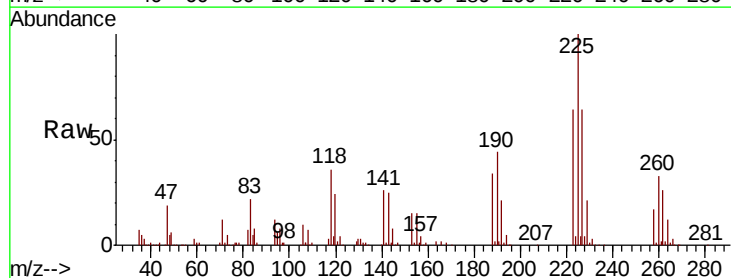


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

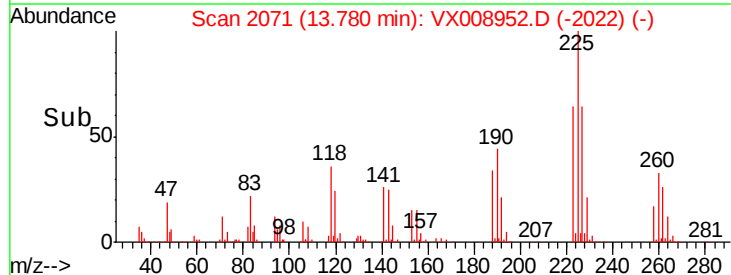
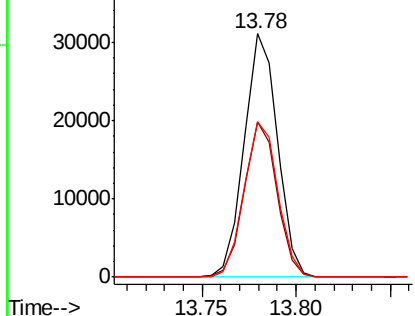


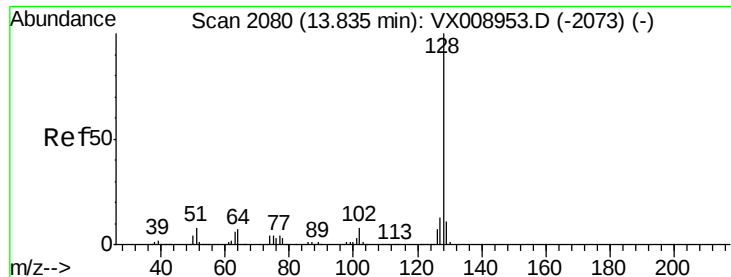
#94
 Hexachlorobutadiene
 Concen: 20.324 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008952.D
 Acq: 15 Apr 2019 10:46

Tgt Ion:225 Resp: 38181
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.1 93.2
 227 64.5 32.0 96.2



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: 19.218 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

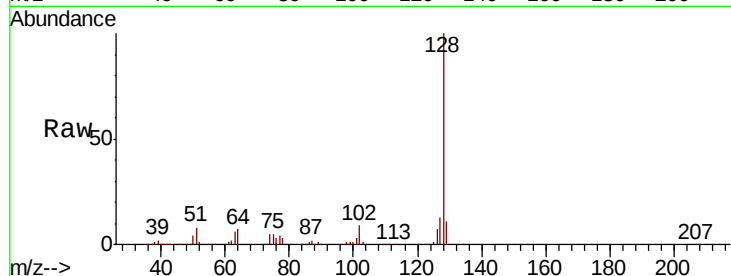
Tot Ion:128 Resp: 249463

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

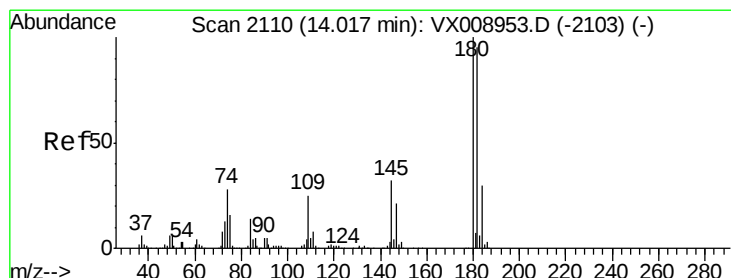
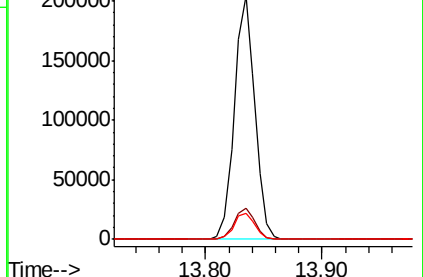
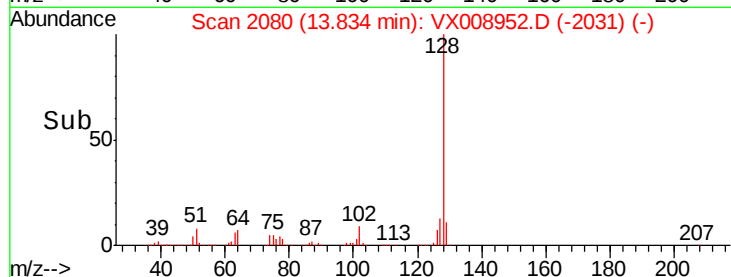
129 11.1 8.6 13.0



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: 19.268 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008952.D

Acq: 15 Apr 2019 10:46

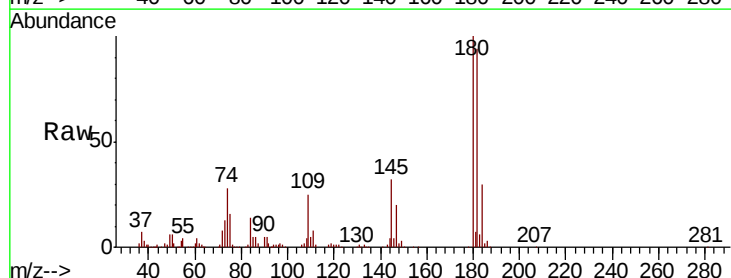
Tgt Ion:180 Resp: 75307

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.4

145 31.4 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

