

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005667.D
 Acq On : 29 Oct 2018 18:17
 Operator : JC/MD
 Sample : VX1029MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

Quant Time: Oct 30 02:00:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137144	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	5.50	113	106260	41.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.40%	
50) Toluene-d8	8.71	98	397698	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
62) 4-Bromofluorobenzene	11.14	95	153195	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51936	21.614	ug/l	92
3) Chloromethane	1.32	50	52713	17.226	ug/l	100
4) Vinyl Chloride	1.40	62	55014	18.284	ug/l	92
5) Bromomethane	1.64	94	27559	14.720	ug/l	98
6) Chloroethane	1.71	64	35052	18.236	ug/l	90
7) Trichlorofluoromethane	1.93	101	74364	17.787	ug/l	97
8) Diethyl Ether	2.19	74	30900	18.520	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41530	17.313	ug/l	99
10) Methyl Iodide	2.51	142	34170	15.621	ug/l	97
11) Tert butyl alcohol	3.07	59	77281	96.643	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40370	17.666	ug/l	90
13) Acrolein	2.29	56	51993	127.462	ug/l	99
14) Allyl chloride	2.73	41	87787	17.213	ug/l	98
15) Acrylonitrile	3.15	53	155805	86.890	ug/l	99
16) Acetone	2.45	43	142899	91.004	ug/l	98
17) Carbon Disulfide	2.57	76	115159	16.532	ug/l	99
18) Methyl Acetate	2.78	43	75477	18.538	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	151206	18.550	ug/l	100
20) Methylene Chloride	2.85	84	46838	17.810	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	43126	17.285	ug/l	97
22) Diisopropyl ether	3.87	45	163679	18.378	ug/l	97
23) Vinyl Acetate	3.82	43	690242	88.000	ug/l	99
24) 1,1-Dichloroethane	3.69	63	86424	17.849	ug/l	100
25) 2-Butanone	4.70	43	214275	89.611	ug/l	93
26) 2,2-Dichloropropane	4.59	77	63449	16.973	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51188	19.030	ug/l	95
28) Bromochloromethane	5.03	49	47163	20.139	ug/l	97
29) Tetrahydrofuran	5.15	42	141220	90.752	ug/l	99
30) Chloroform	5.22	83	77914	17.202	ug/l	95
31) Cyclohexane	5.57	56	74976	18.715	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	68747	17.197	ug/l	99
36) 1,1-Dichloropropene	5.80	75	57977	15.876	ug/l	96
37) Ethyl Acetate	4.85	43	81547	17.499	ug/l	99
38) Carbon Tetrachloride	5.78	117	59697	15.521	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	65416	16.222	ug/l #	87
40) Benzene	6.14	78	187048	17.868	ug/l	99
41) Methacrylonitrile	5.06	41	40915	15.762	ug/l	97
42) 1,2-Dichloroethane	6.20	62	63832	16.051	ug/l	99
43) Isopropyl Acetate	6.46	43	114444	16.388	ug/l	96
44) Trichloroethene	7.21	130	47140	16.529	ug/l	93
45) 1,2-Dichloropropane	7.51	63	46575	16.548	ug/l	96
46) Dibromomethane	7.66	93	29822	16.406	ug/l	99
47) Bromodichloromethane	7.90	83	54268	15.382	ug/l	99
48) Methyl methacrylate	7.77	41	56076	16.483	ug/l	98
49) 1,4-Dioxane	7.76	88	25953	349.091	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	388055	82.685	ug/l	99
52) Toluene	8.79	92	107984	16.973	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59789	15.680	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	66734	16.256	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	44689	16.660	ug/l	98
56) Ethyl methacrylate	9.18	69	67774	16.939	ug/l	99
57) 1,3-Dichloropropane	9.37	76	74163	16.340	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	201097	89.993	ug/l	99
59) 2-Hexanone	9.49	43	309561	83.658	ug/l	98
60) Dibromochloromethane	9.58	129	43676	15.606	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46626	16.802	ug/l	100
64) Tetrachloroethene	9.34	164	48724	17.567	ug/l	98
65) Chlorobenzene	10.14	112	122601	17.232	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	42911	16.541	ug/l	99
67) Ethyl Benzene	10.25	91	207859	17.757	ug/l	100
68) m/p-Xylenes	10.36	106	161193	35.493	ug/l	99
69) o-Xylene	10.70	106	79480	18.602	ug/l	100
70) Styrene	10.71	104	129544	18.111	ug/l	99
71) Bromoform	10.86	173	35053	15.142	ug/l #	99
73) Isopropylbenzene	11.02	105	213963	19.145	ug/l	99
74) N-amyl acetate	10.90	43	101732	18.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71532	17.349	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82461	21.288	ug/l	85
77) Bromobenzene	11.26	156	57050	18.317	ug/l	98
78) n-propylbenzene	11.36	91	246904	19.321	ug/l	99
79) 2-Chlorotoluene	11.42	91	144136	18.191	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	181094	18.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19223	16.215	ug/l	97
82) 4-Chlorotoluene	11.51	91	171657	18.373	ug/l	100
83) tert-Butylbenzene	11.77	119	180802	18.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	187549	19.356	ug/l	100
85) sec-Butylbenzene	11.94	105	220668	19.406	ug/l	100
86) p-Isopropyltoluene	12.07	119	198397	19.517	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	105828	18.069	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	106673	17.449	ug/l	99
89) n-Butylbenzene	12.39	91	173367	18.892	ug/l	99
90) Hexachloroethane	12.60	117	29103	16.600	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	105288	17.768	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17260	17.313	ug/l #	54

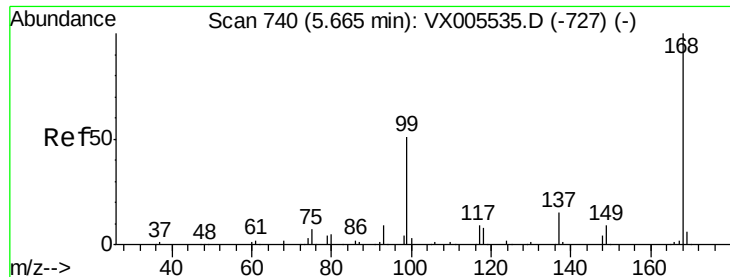
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102918\
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Quant Time: Oct 30 02:00:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82049	19.101	ug/l	99
94) Hexachlorobutadiene	13.78	225	37757	16.962	ug/l	99
95) Naphthalene	13.83	128	254162	20.356	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84409	19.385	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

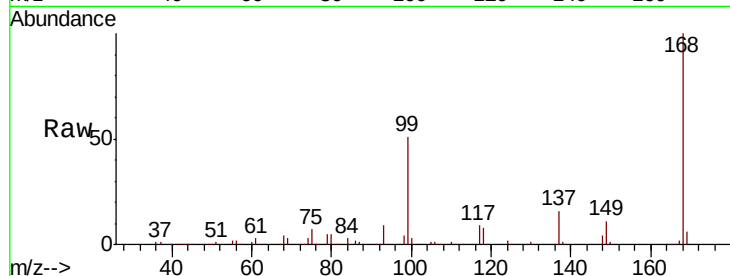
VX1029MBS01

Tot Ion:168 Resp: 243437

Ion Ratio Lower Upper

168 100

99 51.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

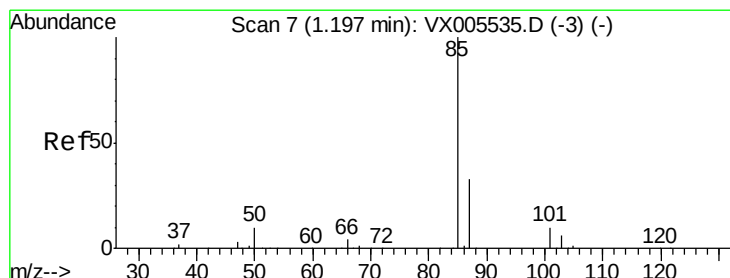
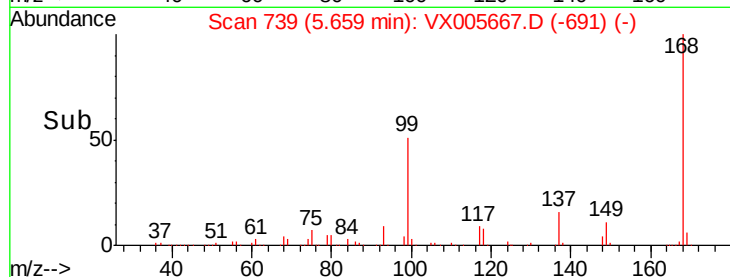
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.614 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005667.D

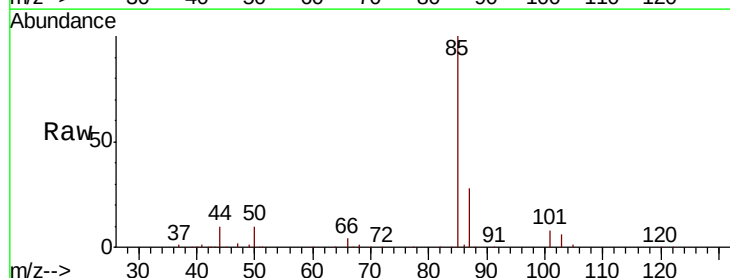
Acq: 29 Oct 2018 18:17

Tgt Ion: 85 Resp: 51936

Ion Ratio Lower Upper

85 100

87 28.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

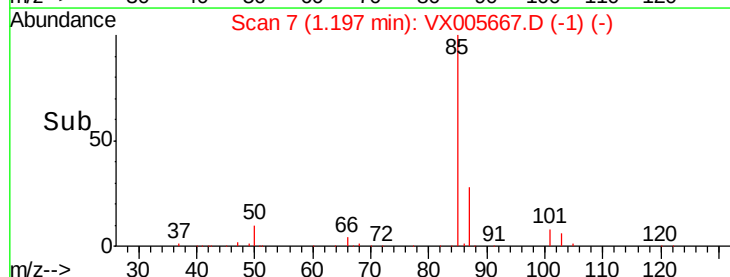
20000

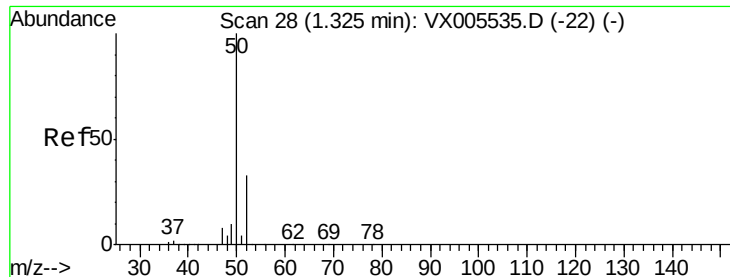
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.226 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

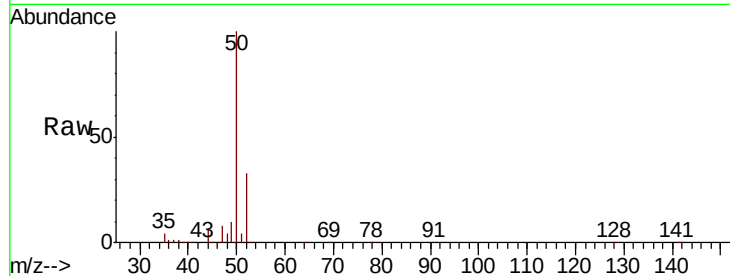
VX1029MBS01

Tot Ion: 50 Resp: 52713

Ion Ratio Lower Upper

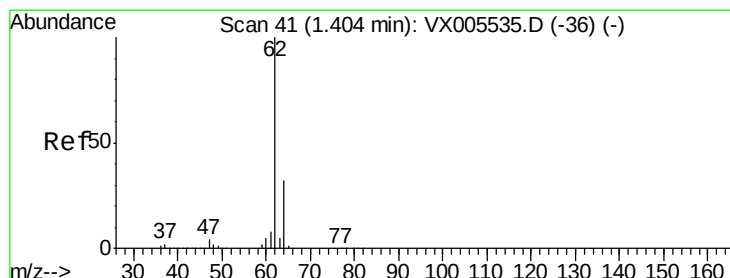
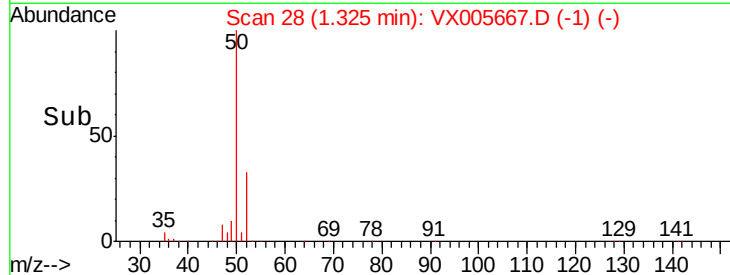
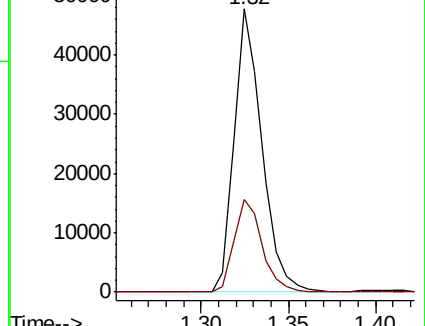
50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.284 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005667.D

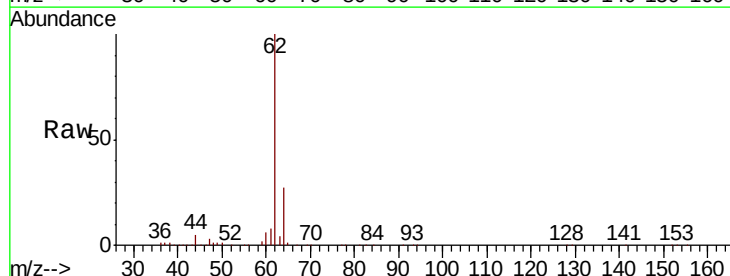
Acq: 29 Oct 2018 18:17

Tgt Ion: 62 Resp: 55014

Ion Ratio Lower Upper

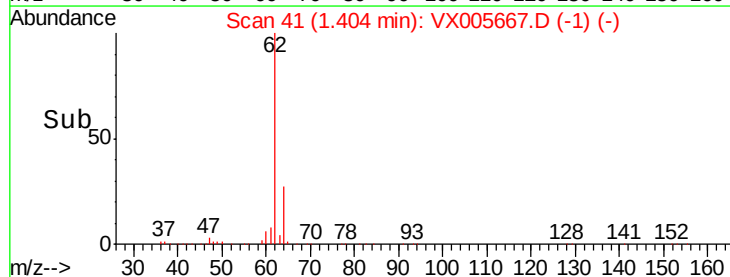
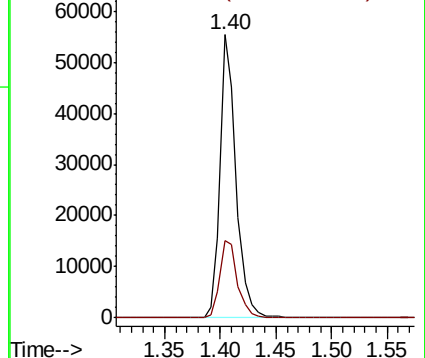
62 100

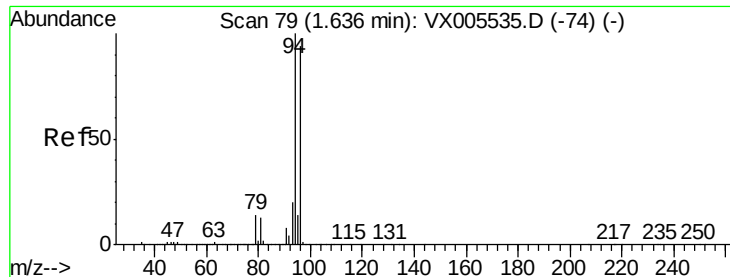
64 27.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.720 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

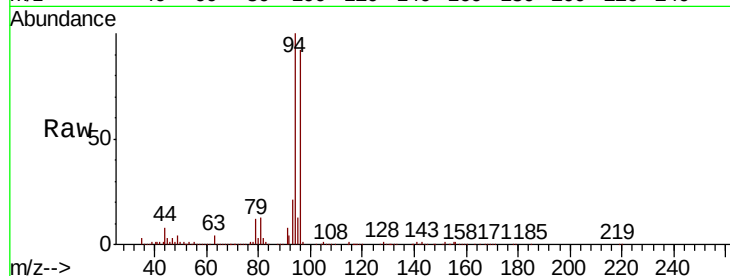
VX1029MBS01

Tot Ion: 94 Resp: 27559

Ion Ratio Lower Upper

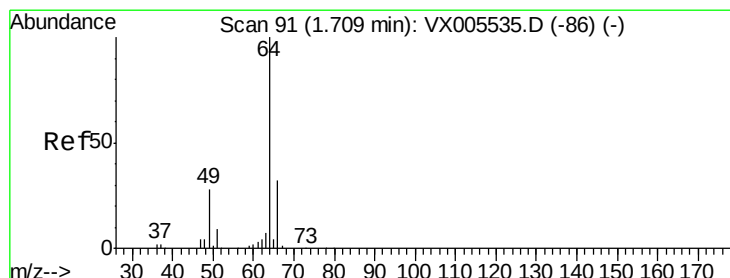
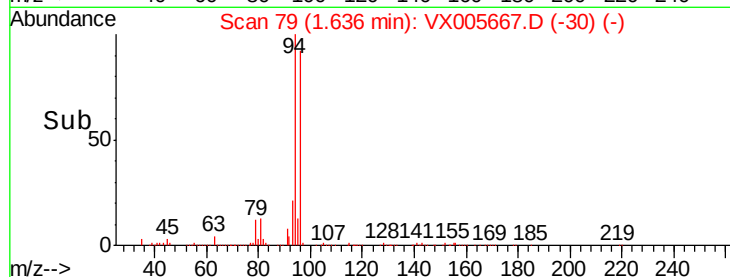
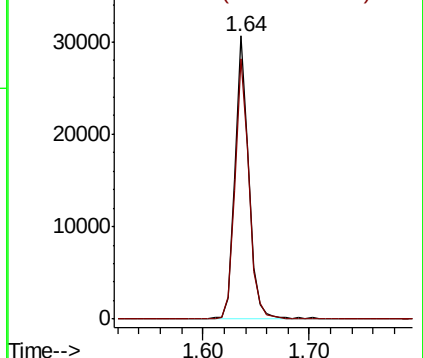
94 100

96 92.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.236 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005667.D

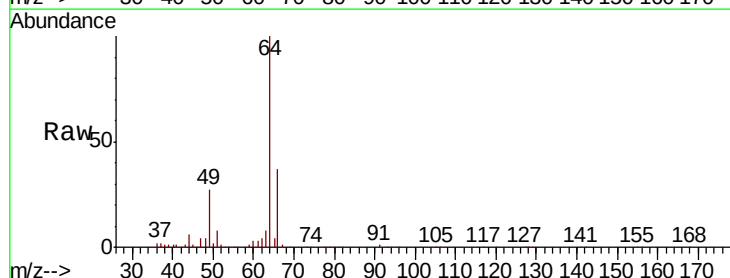
Acq: 29 Oct 2018 18:17

Tgt Ion: 64 Resp: 35052

Ion Ratio Lower Upper

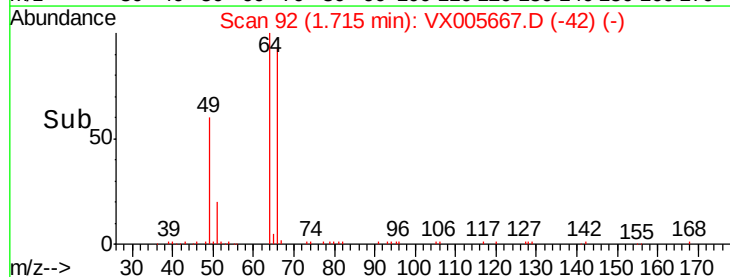
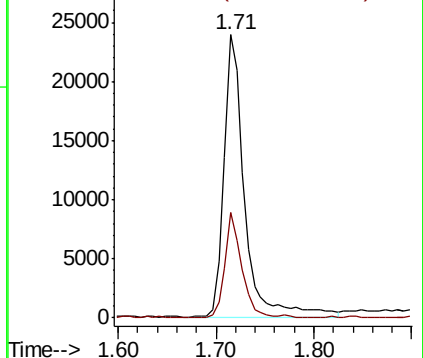
64 100

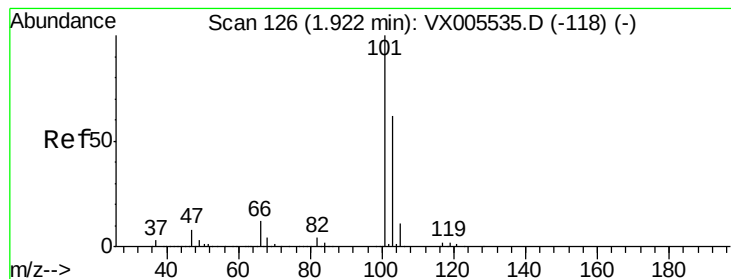
66 37.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



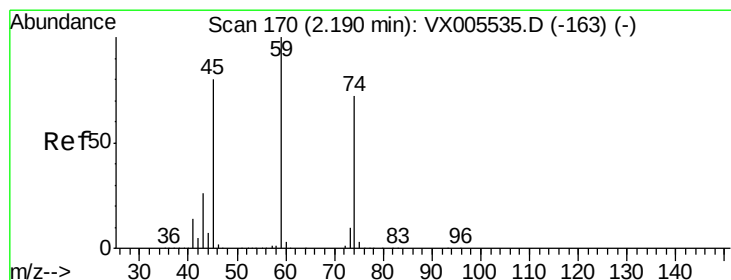
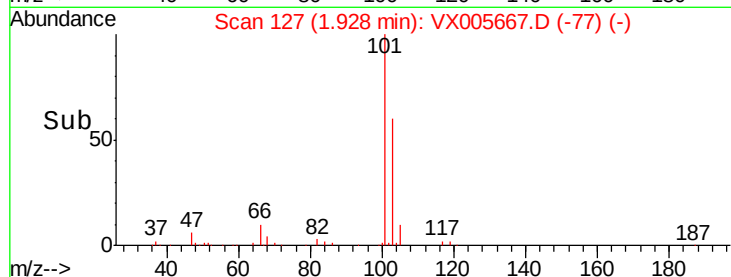
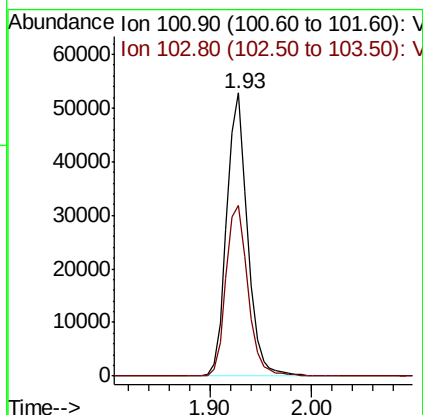
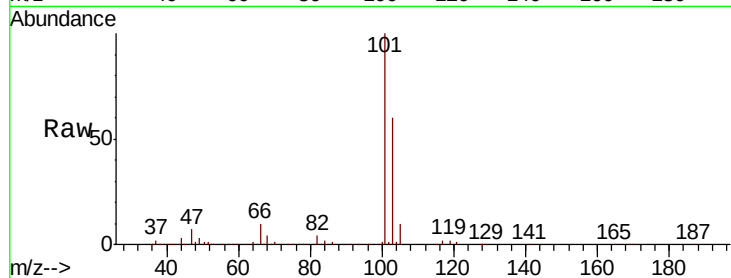


#7

Trichlorofluoromethane
 Concen: 17.787 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

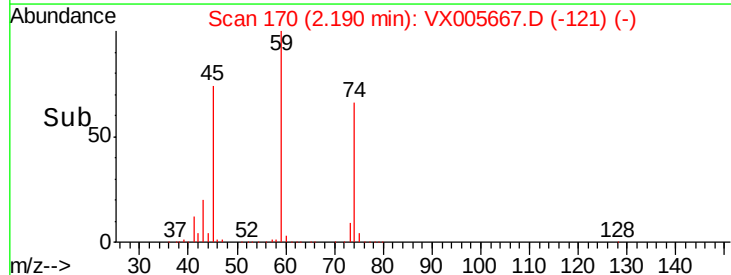
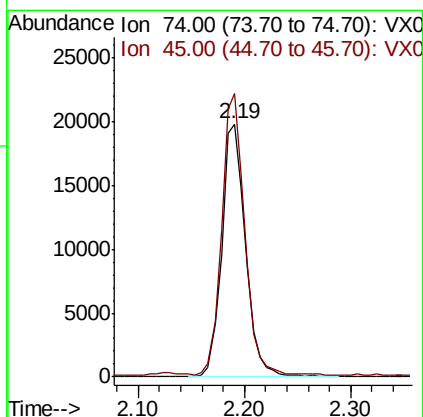
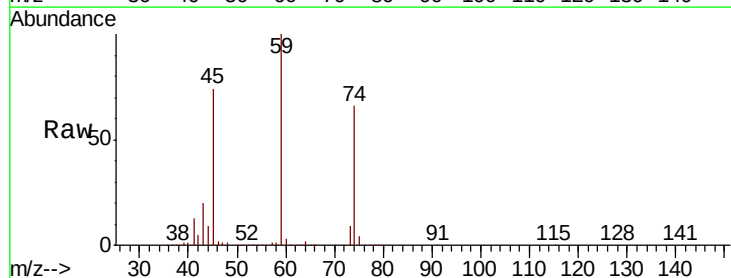
Tot Ion:101 Resp: 74364
 Ion Ratio Lower Upper
 101 100
 103 60.3 50.0 75.0

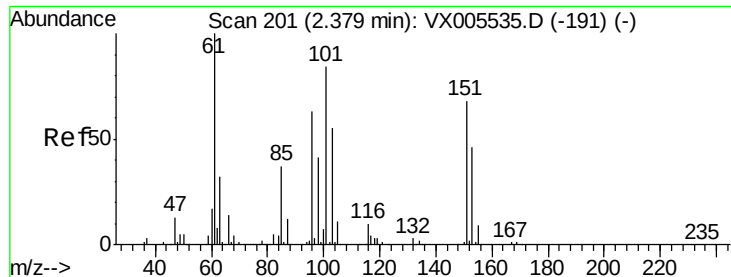


#8

Diethyl Ether
 Concen: 18.520 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion: 74 Resp: 30900
 Ion Ratio Lower Upper
 74 100
 45 107.7 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.313 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

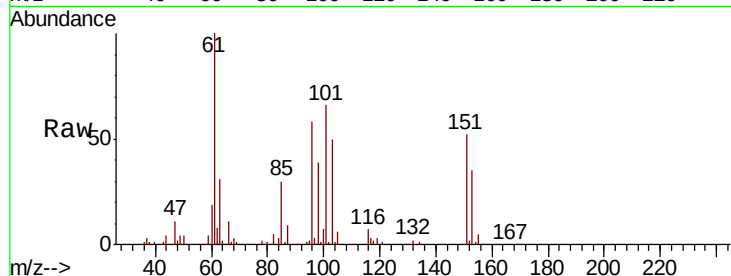
Tot Ion:101 Resp: 41530

Ion Ratio Lower Upper

101 100

85 43.6 35.0 52.4

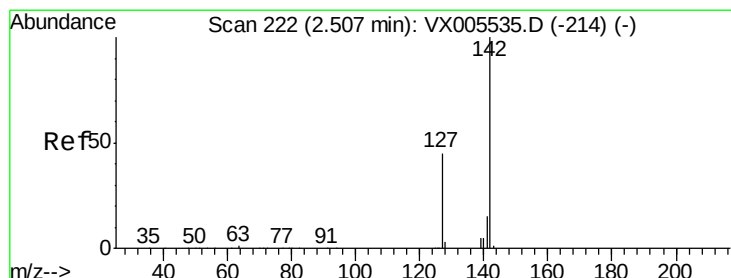
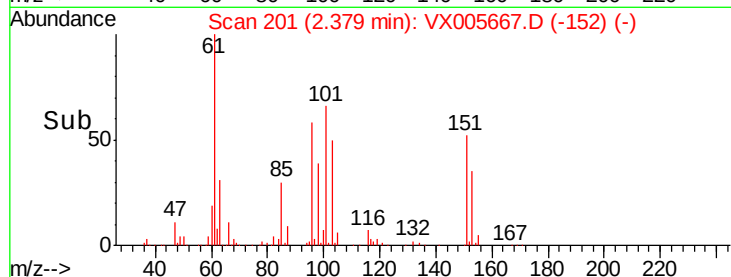
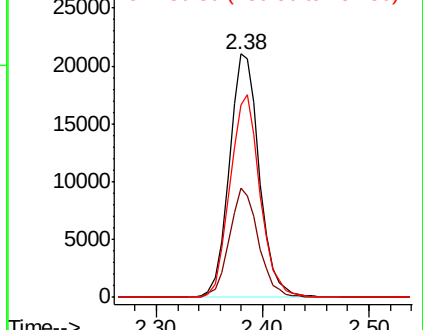
151 83.7 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.621 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

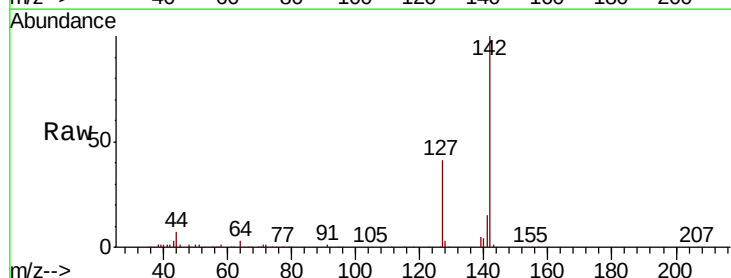
Tgt Ion:142 Resp: 34170

Ion Ratio Lower Upper

142 100

127 43.1 36.0 54.0

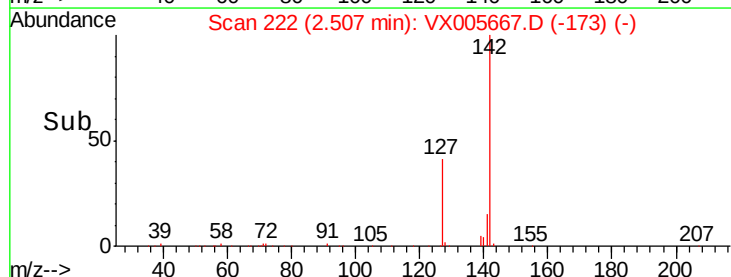
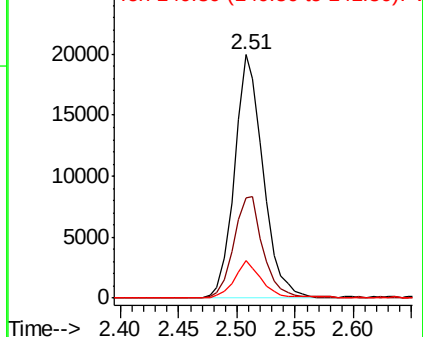
141 14.1 11.7 17.5

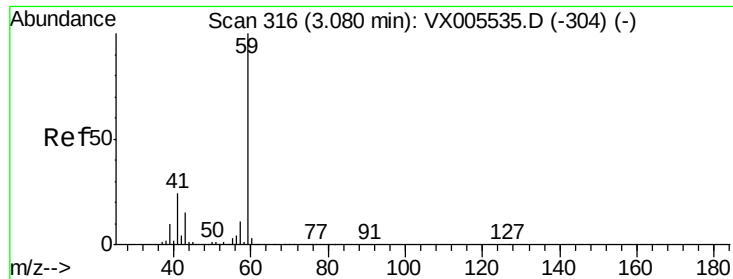


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



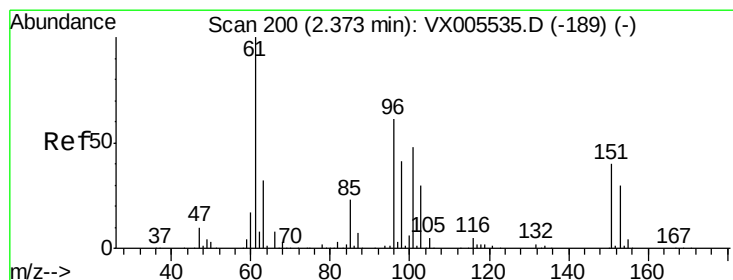
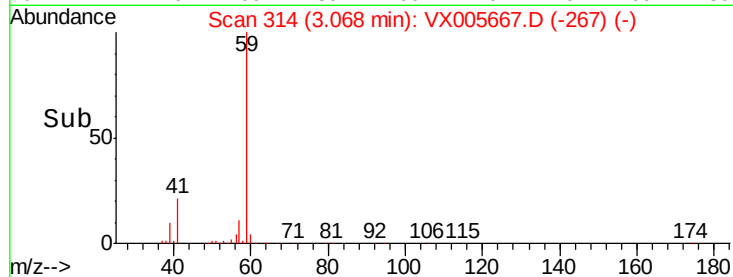
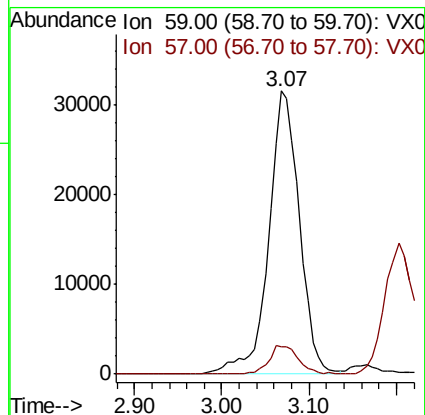
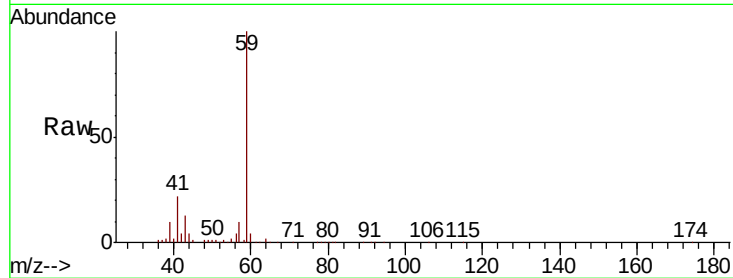


#11

Tert butyl alcohol
 Concen: 96.643 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

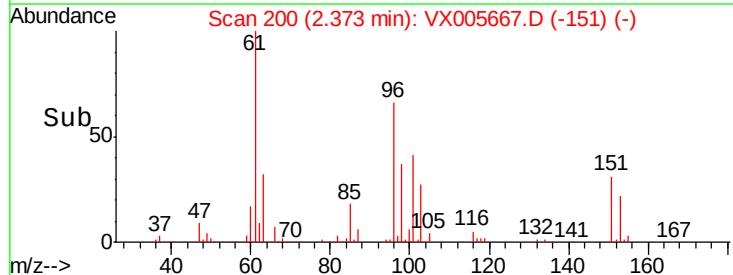
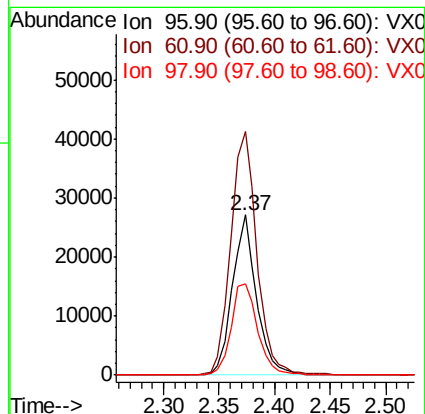
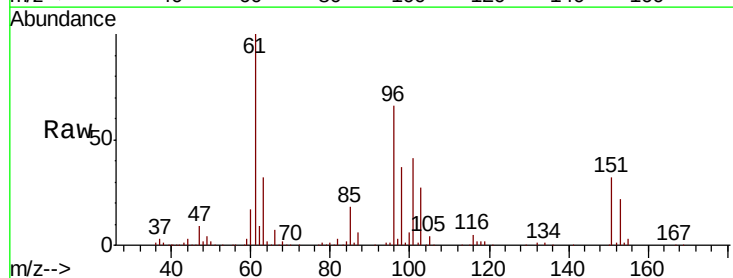
Tot Ion: 59 Resp: 77281
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

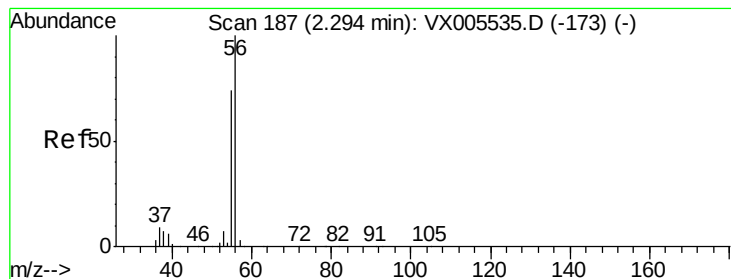


#12

1,1-Dichloroethene
 Concen: 17.666 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion: 96 Resp: 40370
 Ion Ratio Lower Upper
 96 100
 61 152.3 131.8 197.8
 98 57.0 53.4 80.2





#13

Acrolein

Concen: 127.462 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

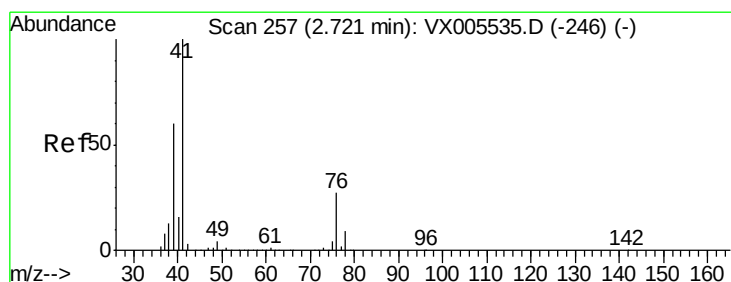
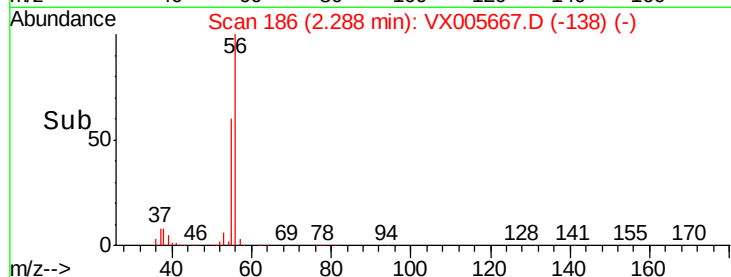
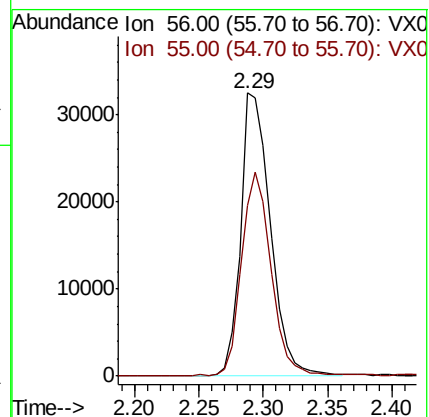
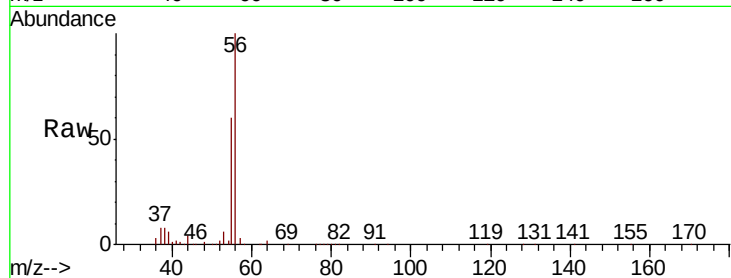
VX1029MBS01

Tot Ion: 56 Resp: 51993

Ion Ratio Lower Upper

56 100

55 71.0 57.3 85.9



#14

Allyl chloride

Concen: 17.213 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

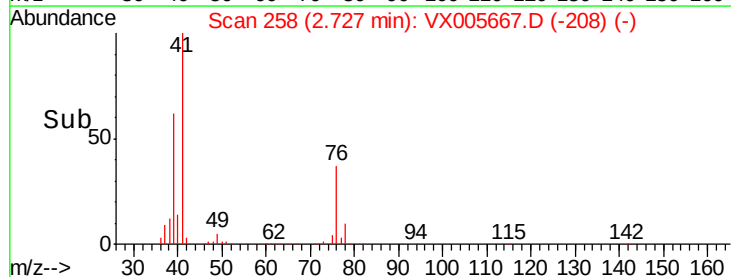
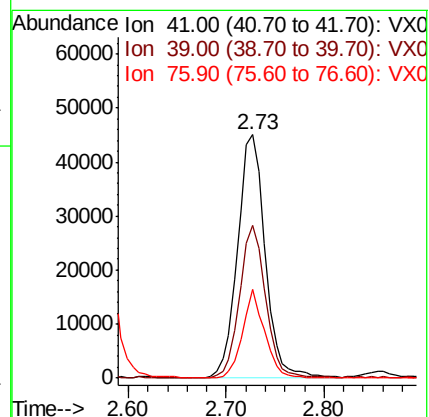
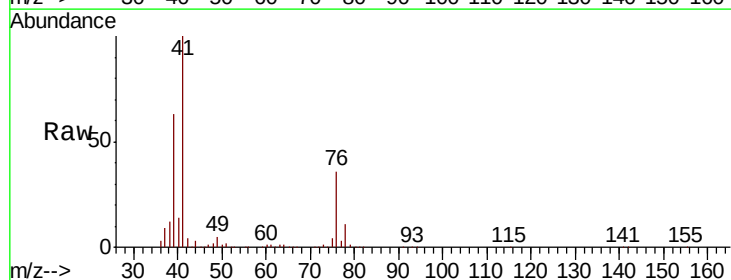
Tgt Ion: 41 Resp: 87787

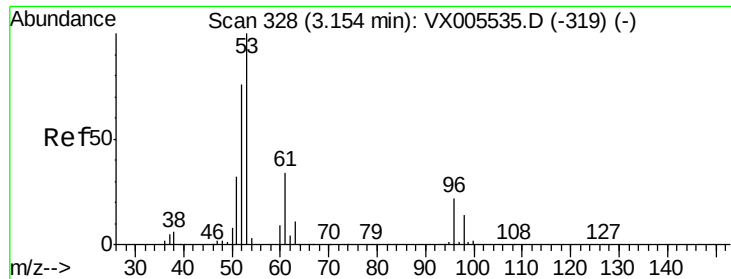
Ion Ratio Lower Upper

41 100

39 59.0 48.2 72.4

76 29.3 21.9 32.9





#15

Acrylonitrile

Concen: 86.890 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

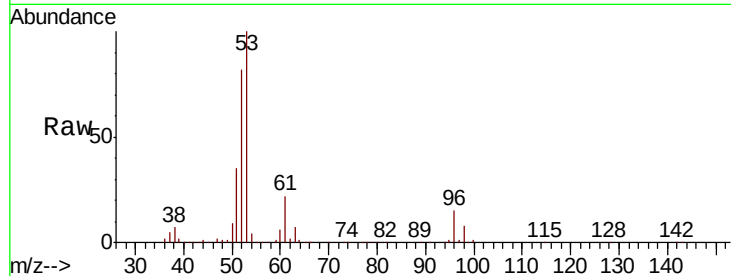
Tot Ion: 53 Resp: 155805

Ion Ratio Lower Upper

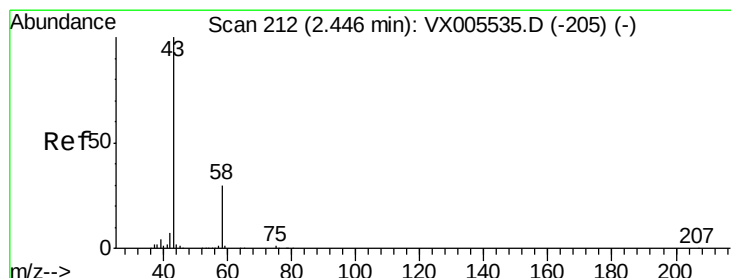
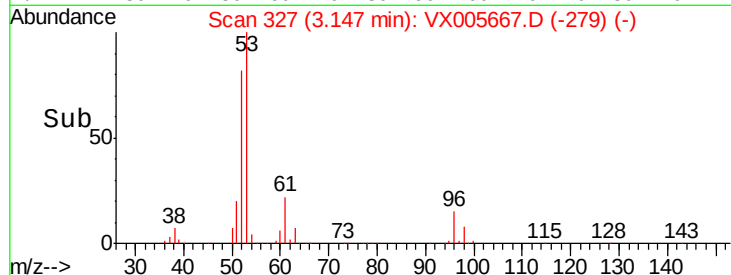
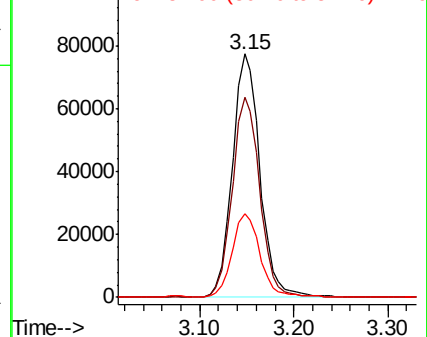
53 100

52 82.5 66.6 99.8

51 35.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.004 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005667.D

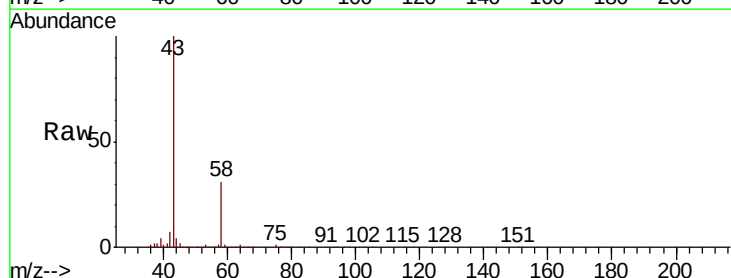
Acq: 29 Oct 2018 18:17

Tgt Ion: 43 Resp: 142899

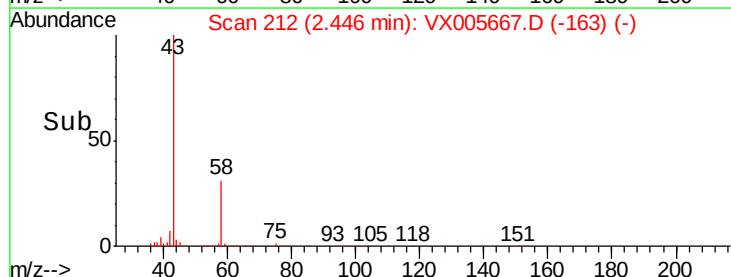
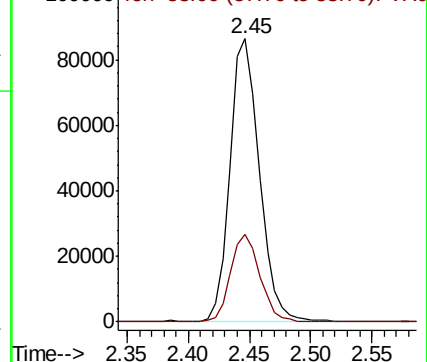
Ion Ratio Lower Upper

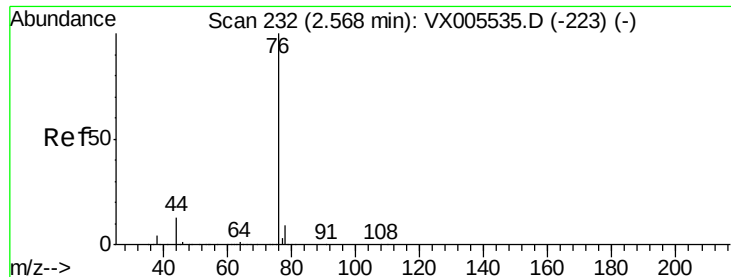
43 100

58 31.0 23.8 35.6



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





#17

Carbon Disulfide

Concen: 16.532 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

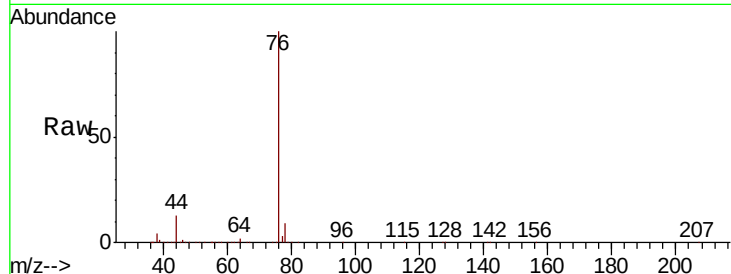
VX1029MBS01

Tot Ion: 76 Resp: 115159

Ion Ratio Lower Upper

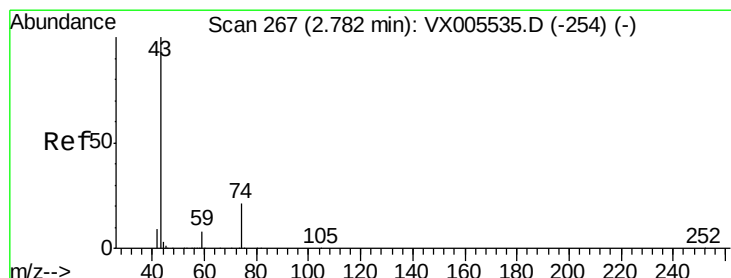
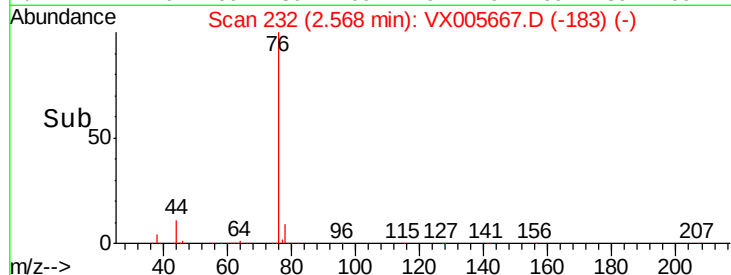
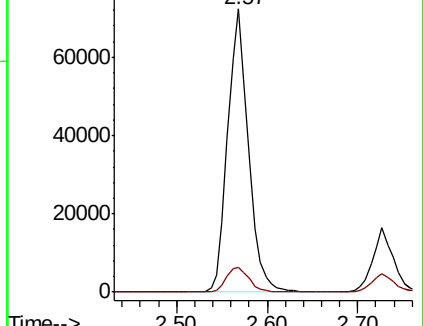
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX005535.D (-223) (-)

Ion 77.90 (77.60 to 78.60): VX005535.D (-223) (-)



#18

Methyl Acetate

Concen: 18.538 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005667.D

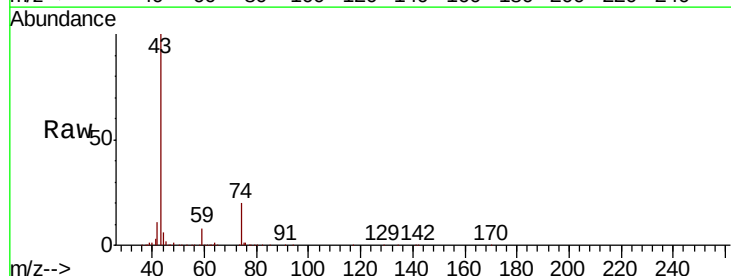
Acq: 29 Oct 2018 18:17

Tgt Ion: 43 Resp: 75477

Ion Ratio Lower Upper

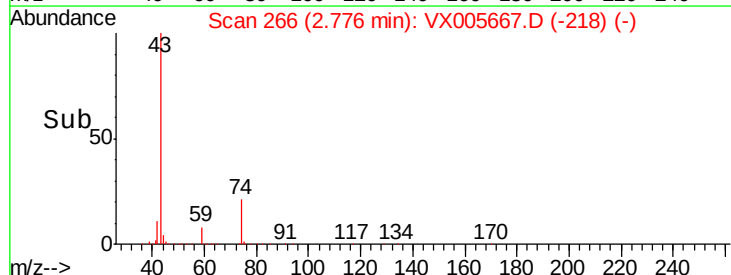
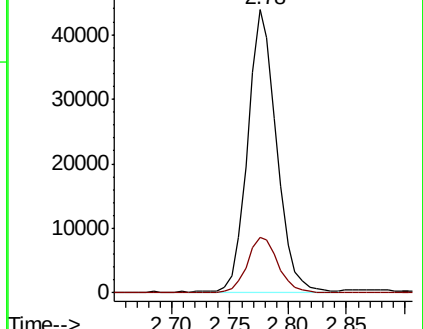
43 100

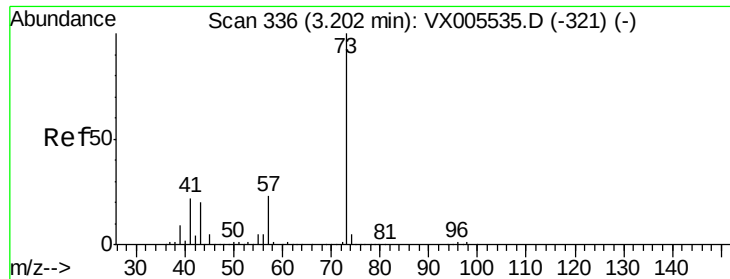
74 21.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-254) (-)

Ion 74.00 (73.70 to 74.70): VX005535.D (-254) (-)

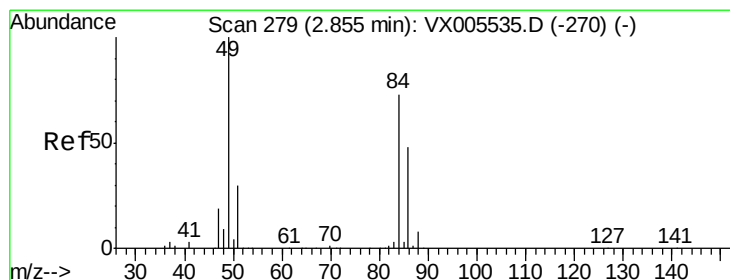
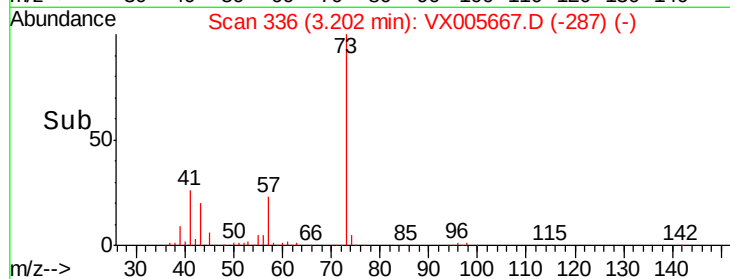
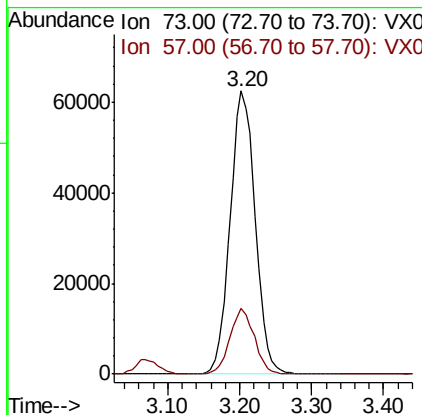
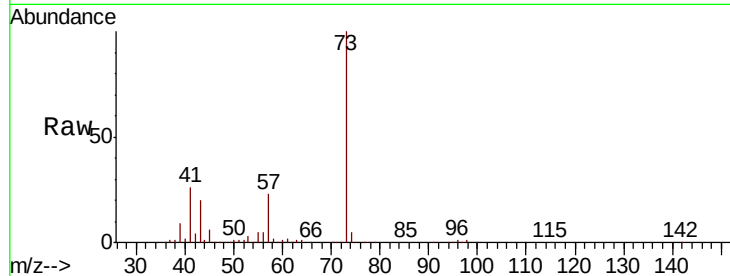




#19
Methyl tert-butyl Ether
Concen: 18.550 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

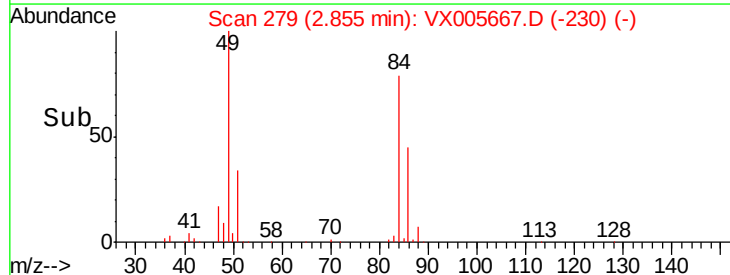
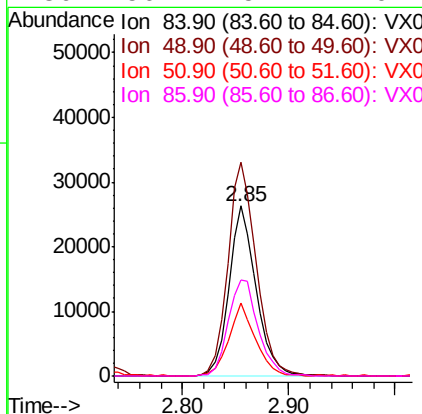
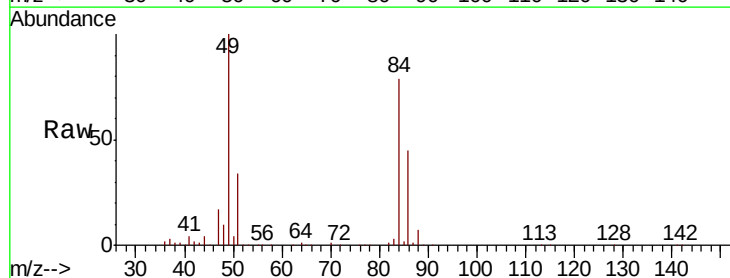
Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

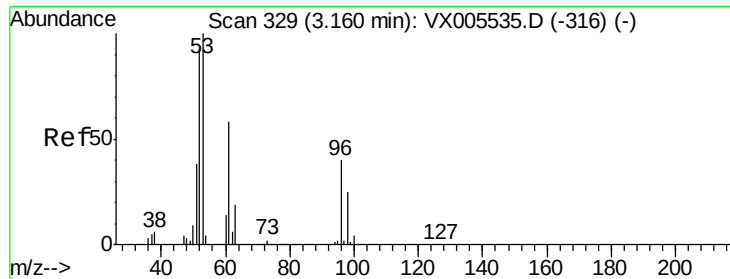
Tot Ion: 73 Resp: 151206
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2



#20
Methylene Chloride
Concen: 17.810 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion: 84 Resp: 46838
Ion Ratio Lower Upper
84 100
49 125.8 109.5 164.3
51 42.7 33.3 49.9
86 56.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 17.285 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

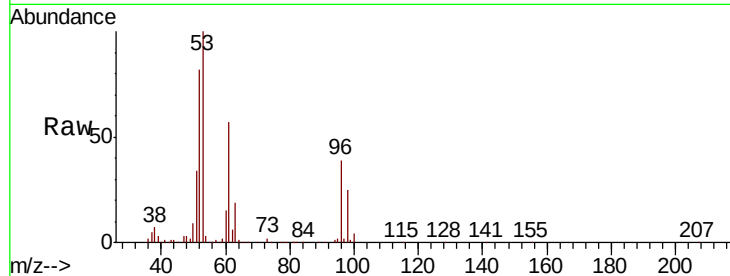
Tot Ion: 96 Resp: 43126

Ion Ratio Lower Upper

96 100

61 148.1 115.6 173.4

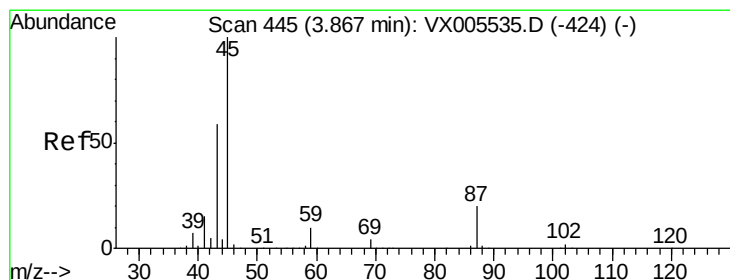
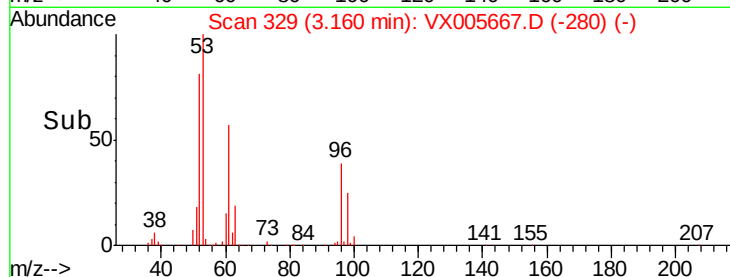
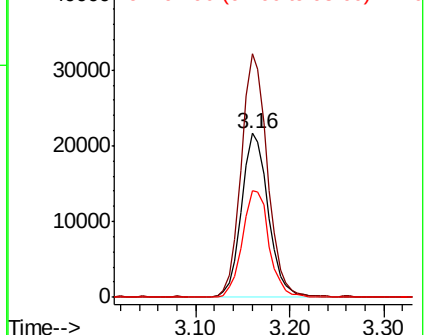
98 64.7 50.2 75.2



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: 18.378 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Tgt Ion: 45 Resp: 163679

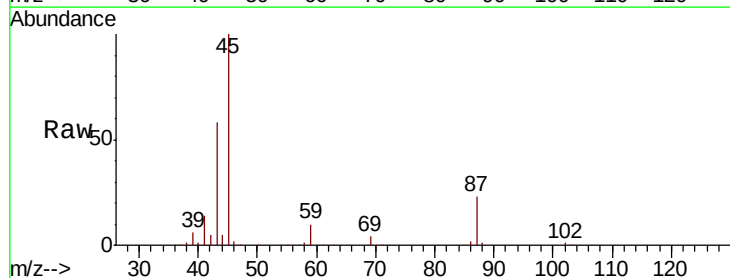
Ion Ratio Lower Upper

45 100

43 58.0 47.4 71.2

87 22.8 15.9 23.9

59 9.9 7.7 11.5

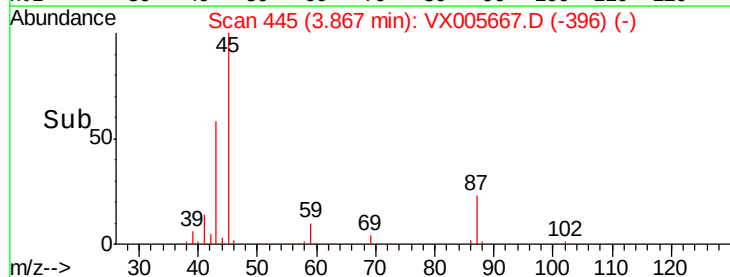
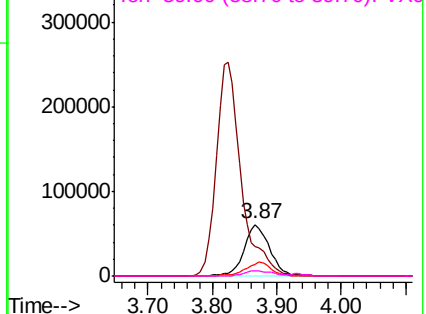


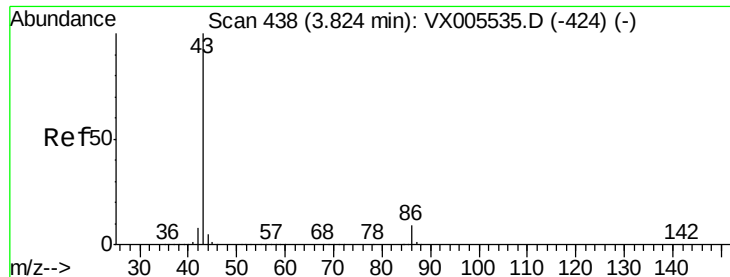
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 88.000 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

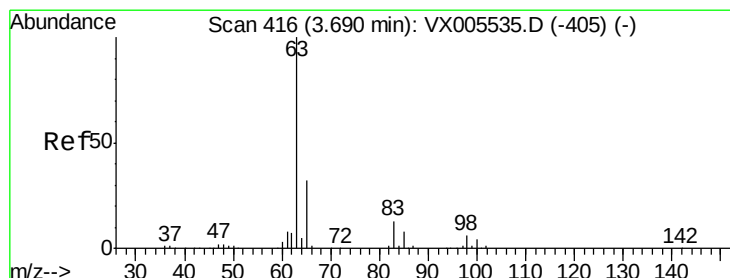
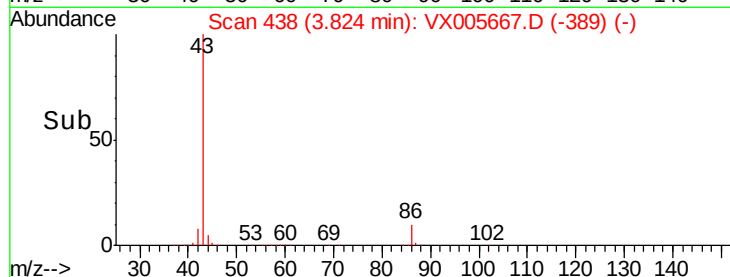
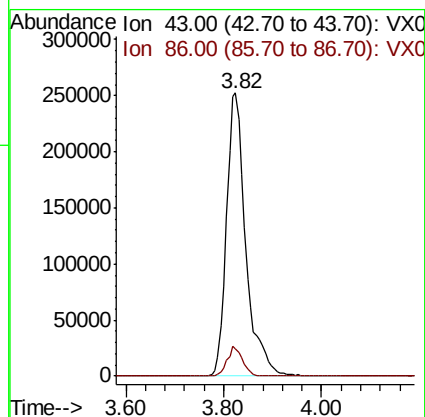
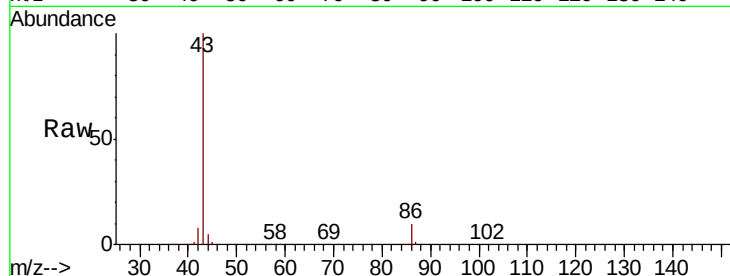
VX1029MBS01

Tot Ion: 43 Resp: 690242

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.2



#24

1,1-Dichloroethane

Concen: 17.849 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

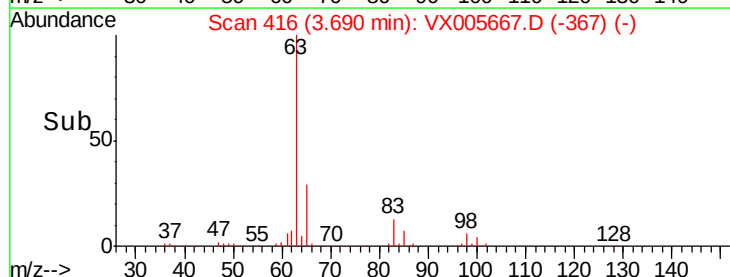
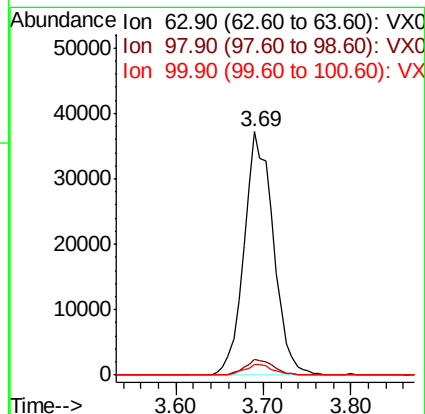
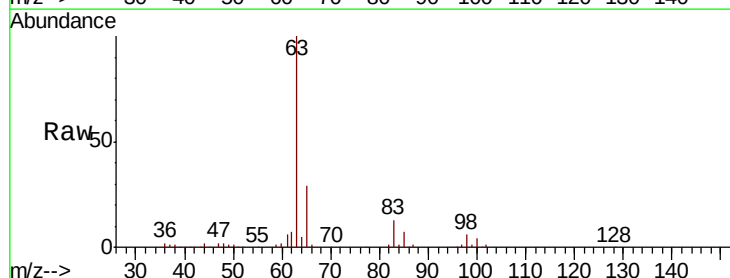
Tgt Ion: 63 Resp: 86424

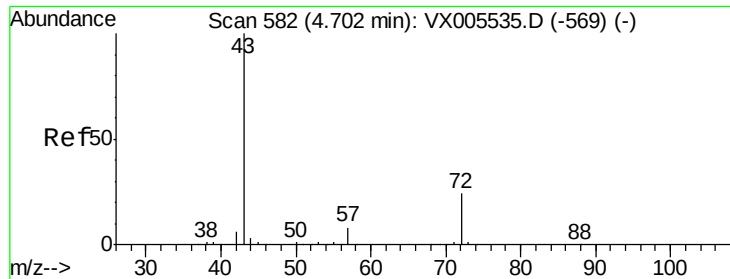
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 89.611 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

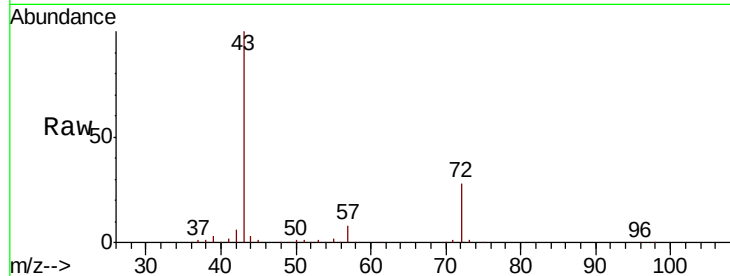
VX1029MBS01

Tot Ion: 43 Resp: 214275

Ion Ratio Lower Upper

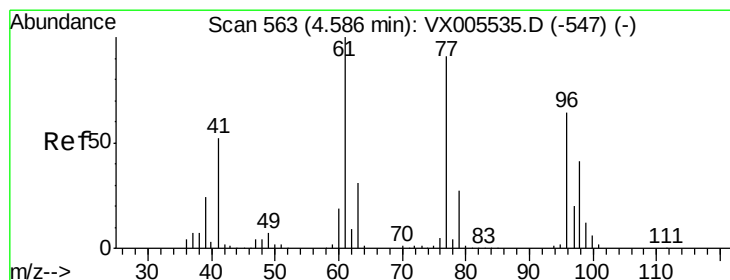
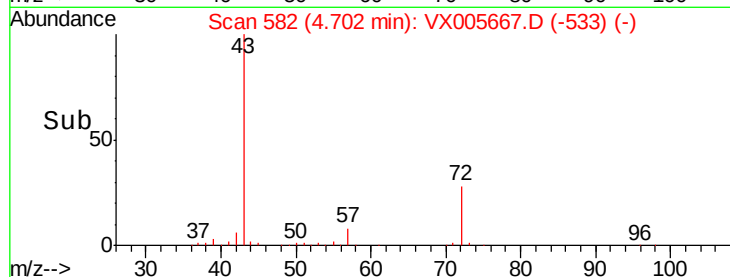
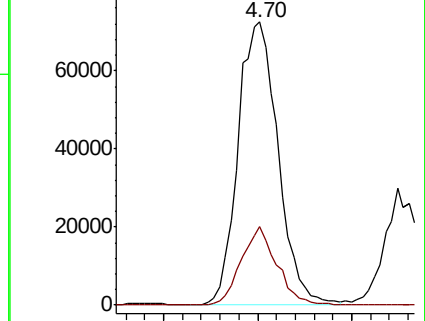
43 100

72 27.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.973 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005667.D

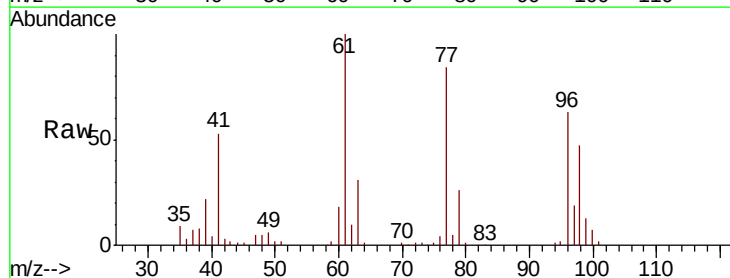
Acq: 29 Oct 2018 18:17

Tgt Ion: 77 Resp: 63449

Ion Ratio Lower Upper

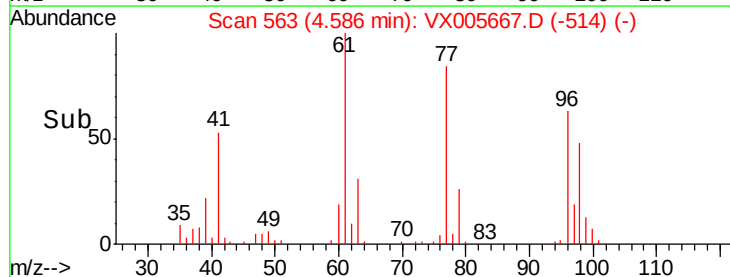
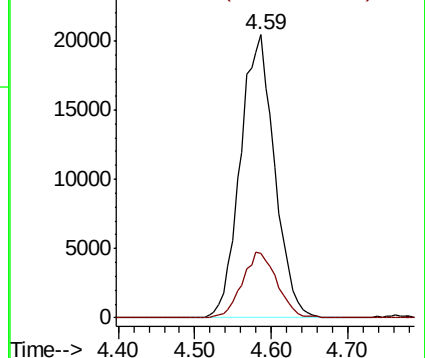
77 100

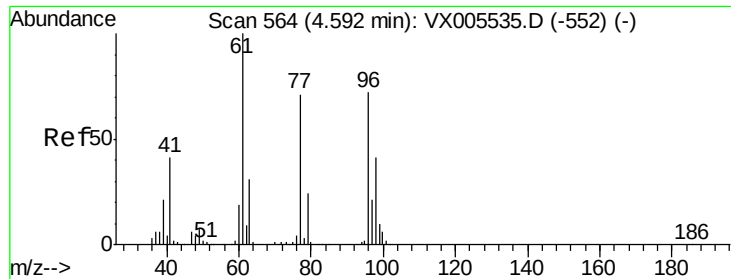
97 23.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



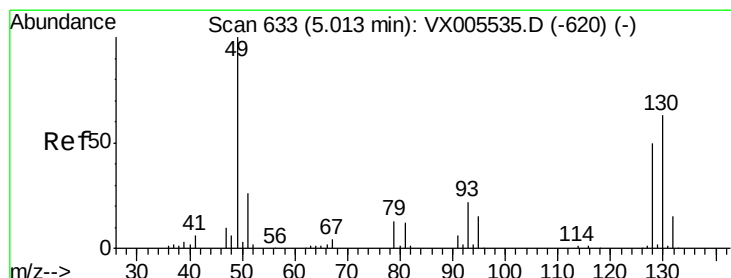
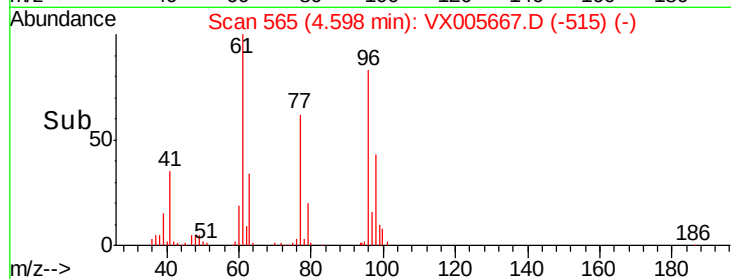
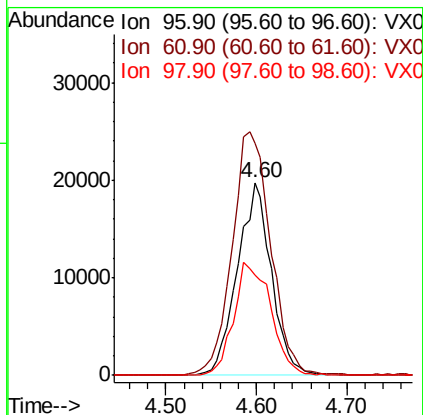
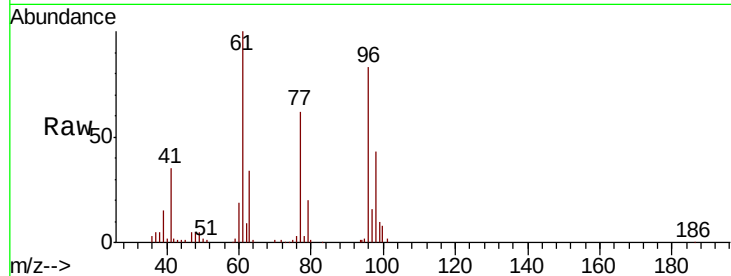


#27

cis-1,2-Dichloroethene
 Concen: 19.030 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

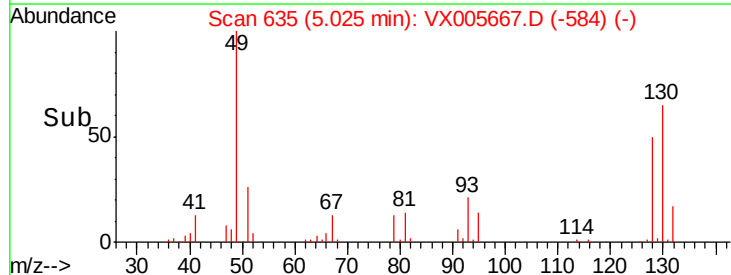
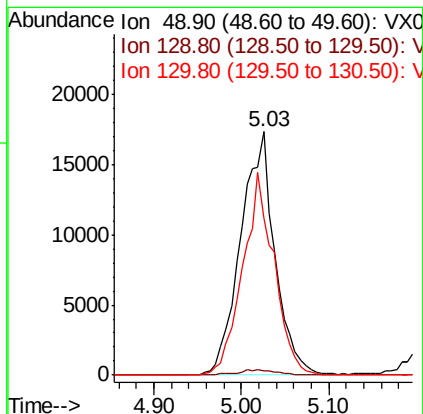
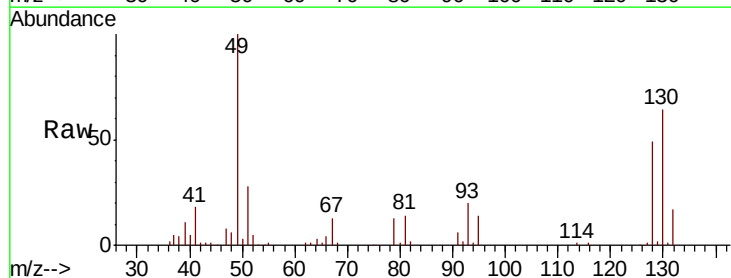
Tot Ion: 96 Resp: 51188
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 304.6
 98 64.0 0.0 127.4

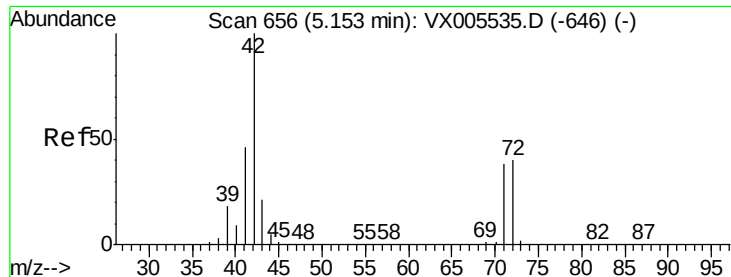


#28

Bromochloromethane
 Concen: 20.139 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion: 49 Resp: 47163
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 76.0 58.9 88.3





#29

Tetrahydrofuran

Concen: 90.752 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

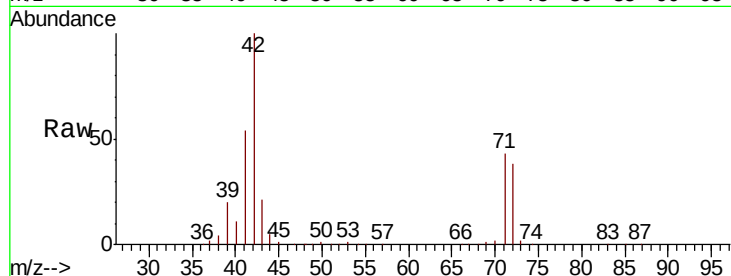
Tot Ion: 42 Resp: 141220

Ion Ratio Lower Upper

42 100

72 40.2 32.0 48.0

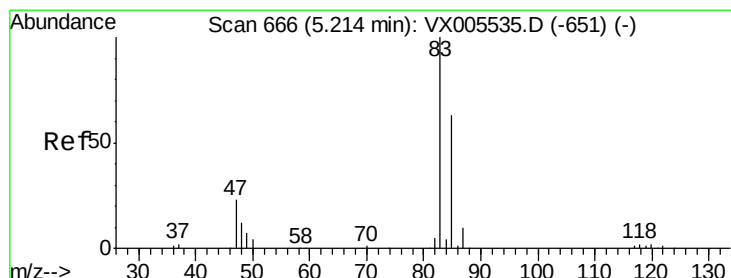
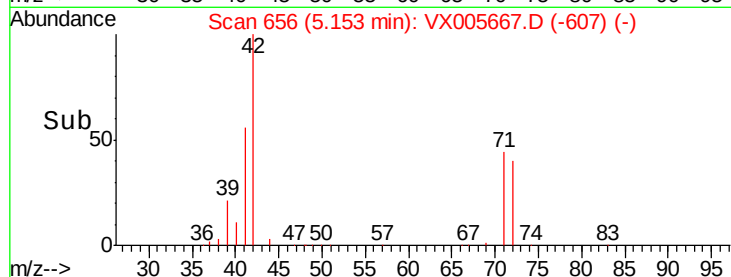
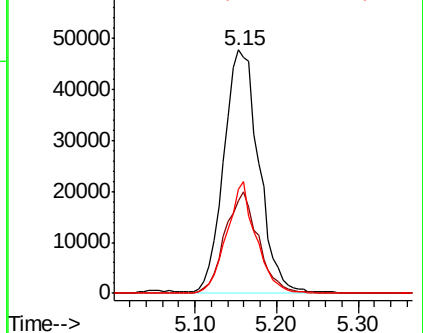
71 38.8 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.202 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005667.D

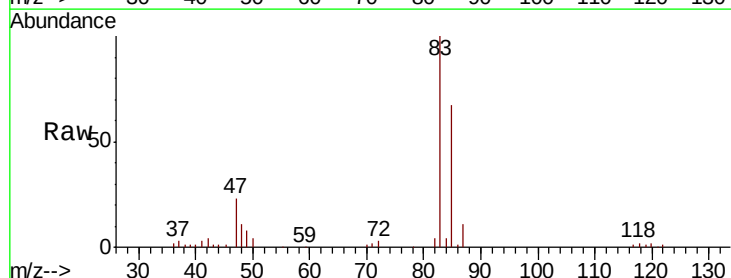
Acq: 29 Oct 2018 18:17

Tgt Ion: 83 Resp: 77914

Ion Ratio Lower Upper

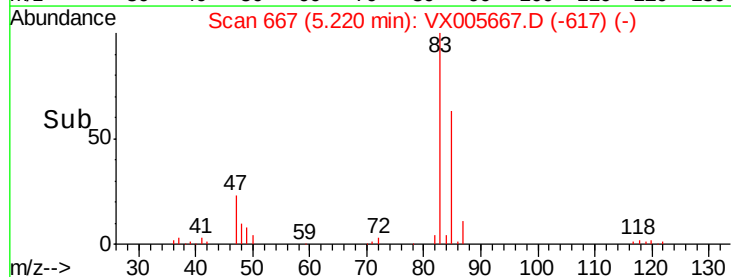
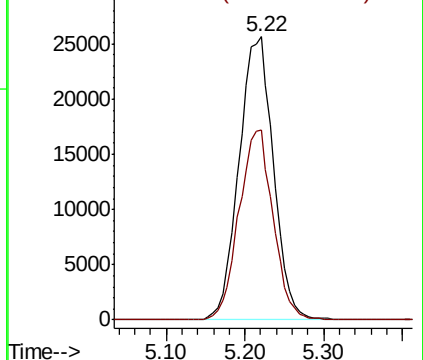
83 100

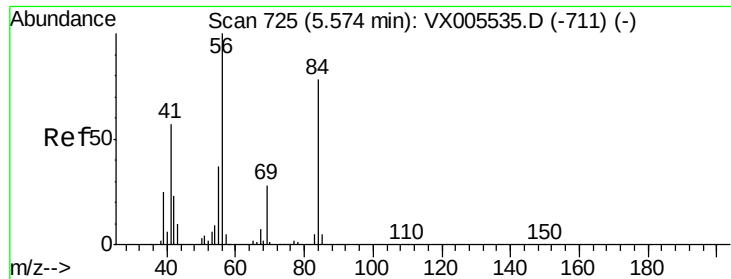
85 67.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

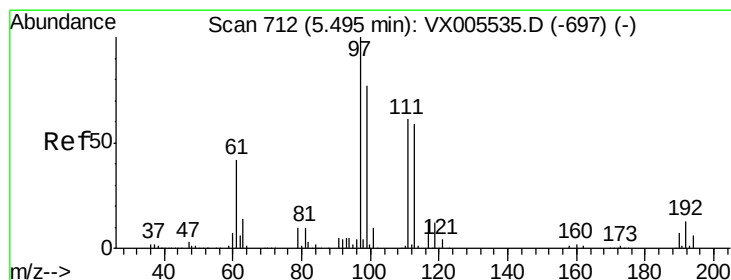
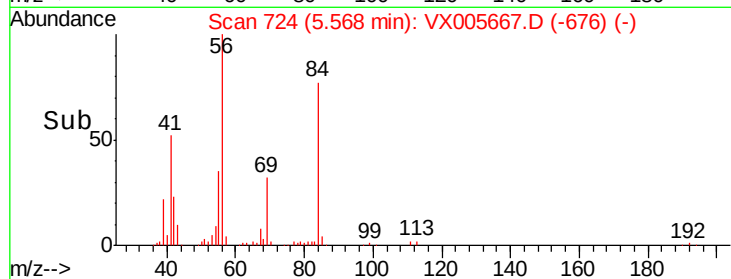
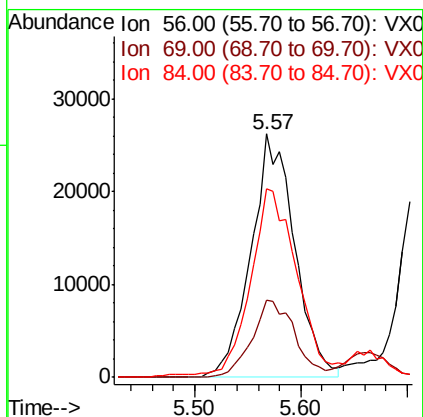
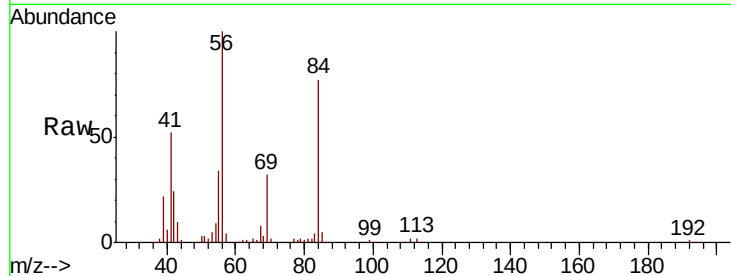




#31
Cyclohexane
Concen: 18.715 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

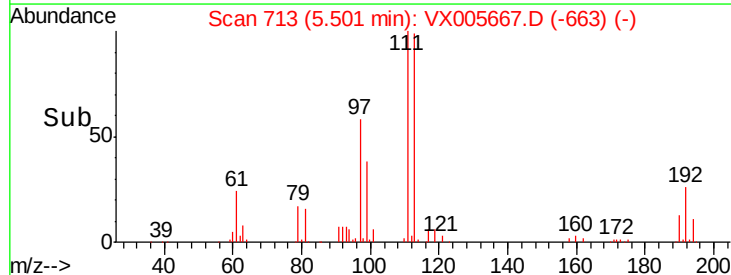
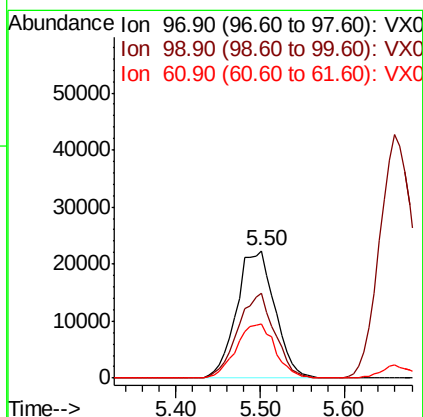
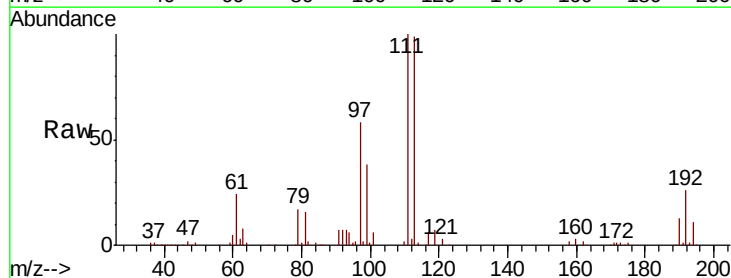
Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

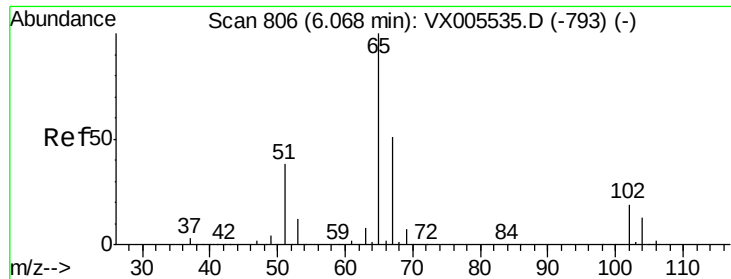
Tot Ion: 56 Resp: 74976
Ion Ratio Lower Upper
56 100
69 31.7 22.6 34.0
84 75.9 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 17.197 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion: 97 Resp: 68747
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 43.2 35.2 52.8

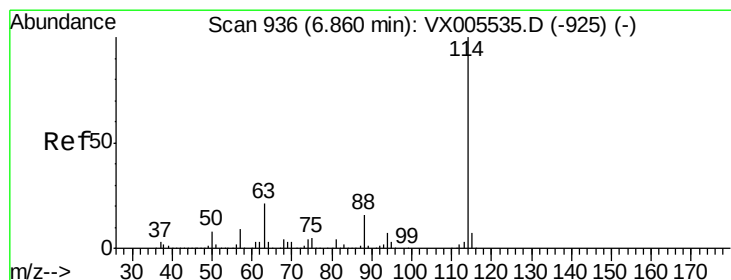
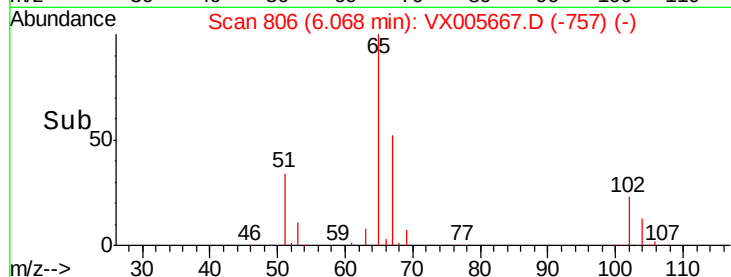
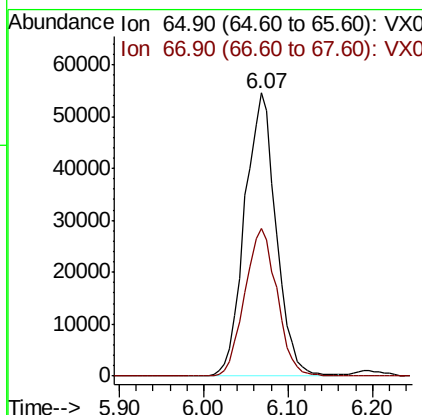
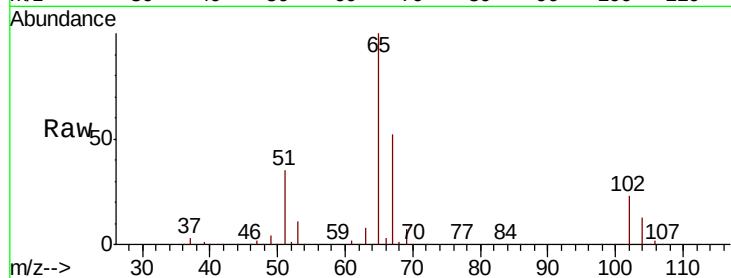




#33
 1,2-Dichloroethane-d4
 Concen: 46.151 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

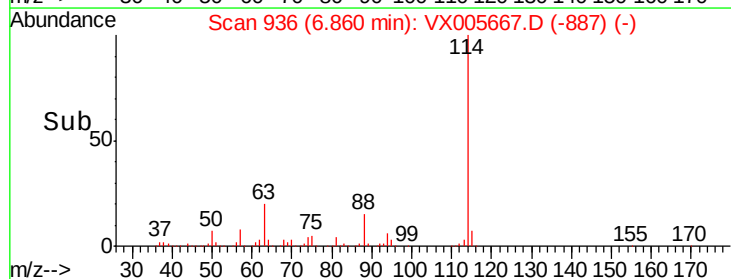
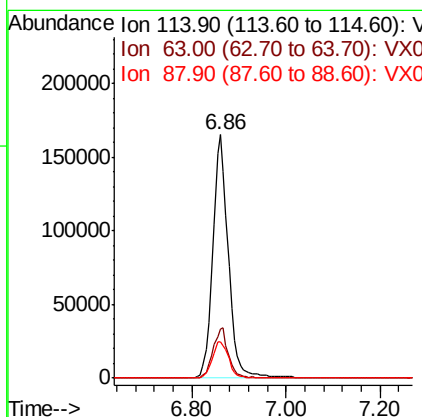
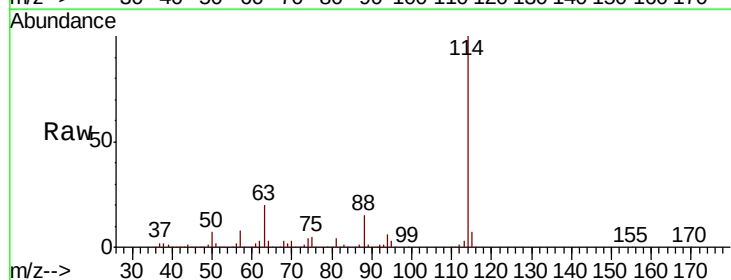
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

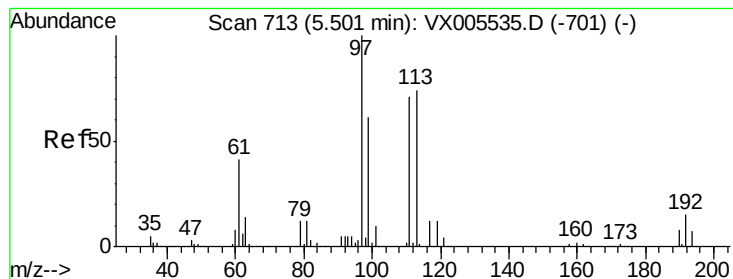
Tot Ion: 65 Resp: 137144
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion: 114 Resp: 376306
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.8
 88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 41.703 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

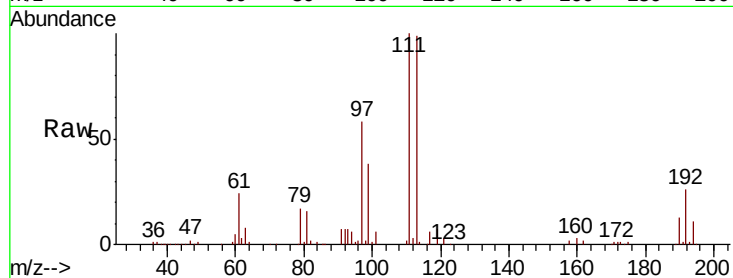
Tot Ion:113 Resp: 106260

Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

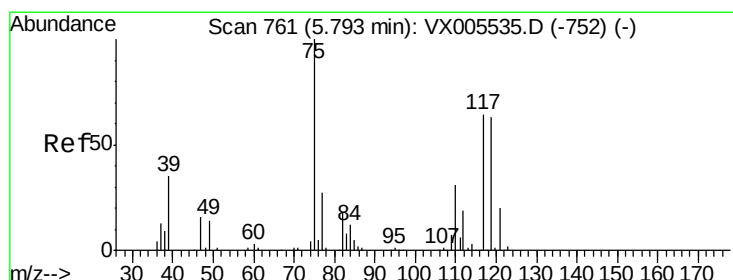
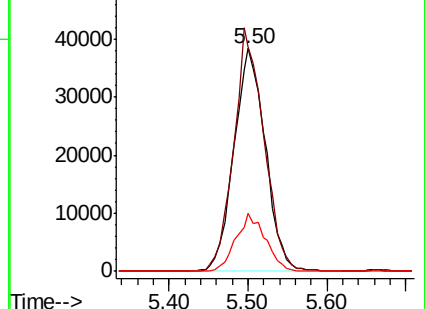
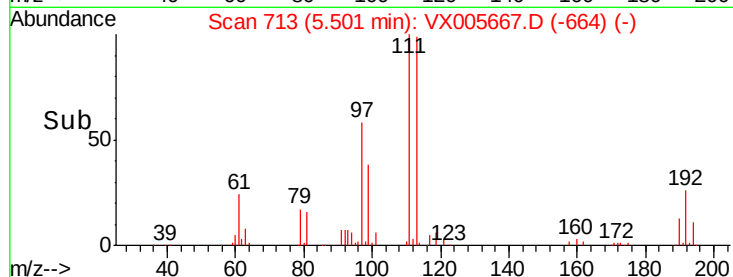
192 24.4 17.9 26.9



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: 15.876 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

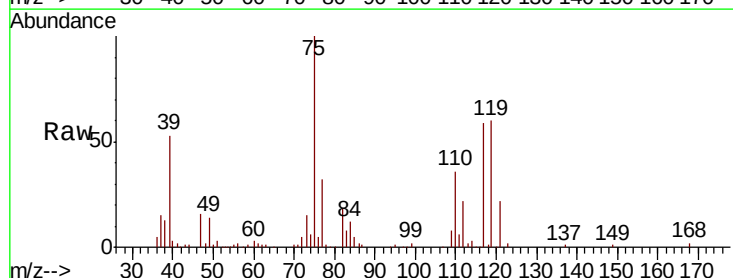
Tgt Ion: 75 Resp: 57977

Ion Ratio Lower Upper

75 100

110 38.3 17.4 52.2

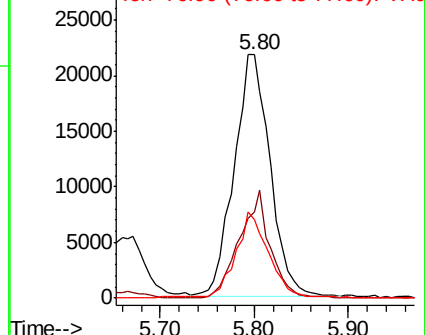
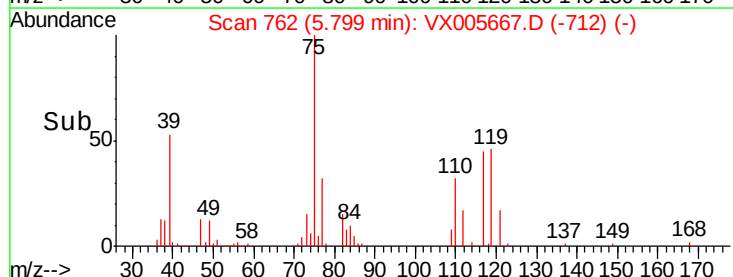
77 33.0 25.8 38.6

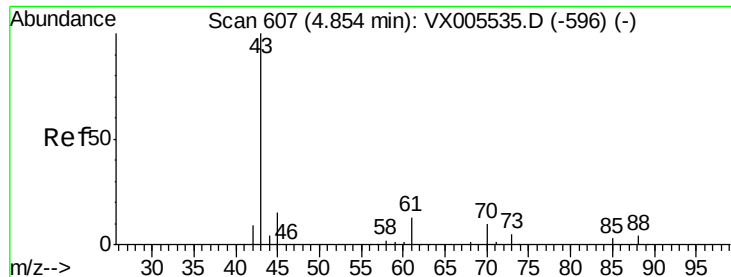


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

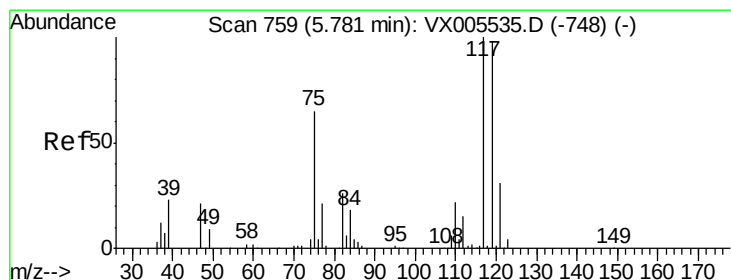
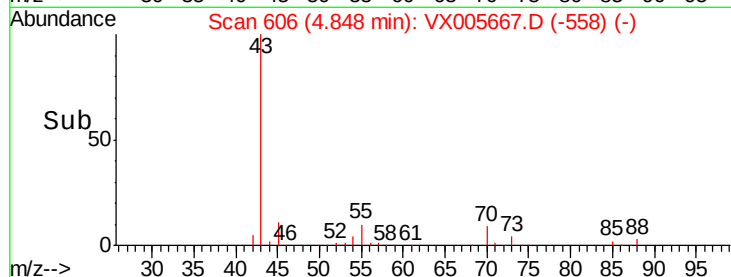
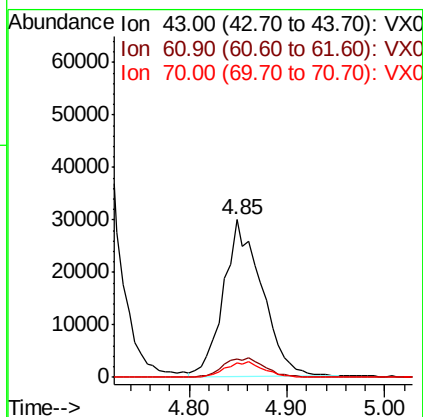
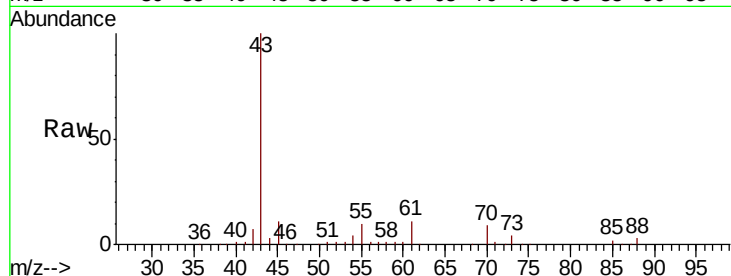




#37
Ethyl Acetate
Concen: 17.499 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

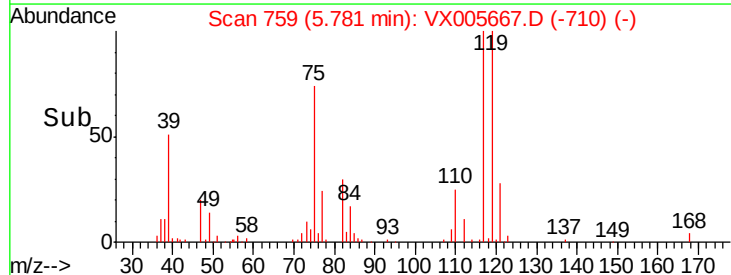
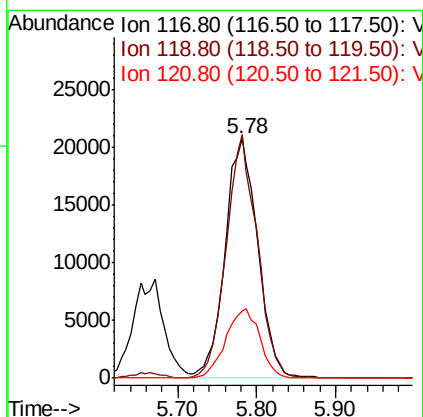
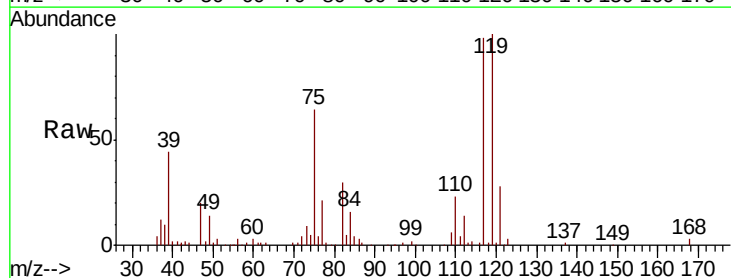
Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

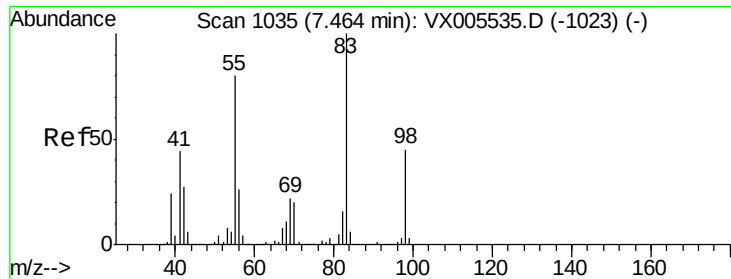
Tot Ion: 43 Resp: 81547
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 15.521 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion: 117 Resp: 59697
Ion Ratio Lower Upper
117 100
119 101.7 78.1 117.1
121 28.1 24.6 36.8

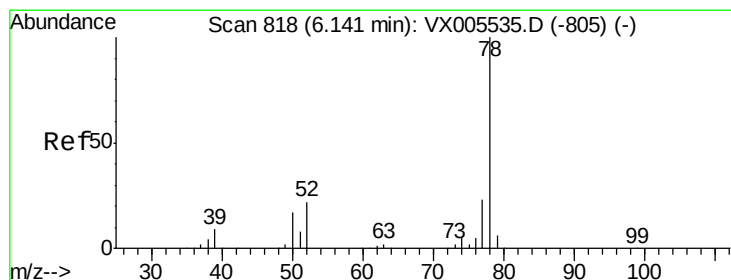
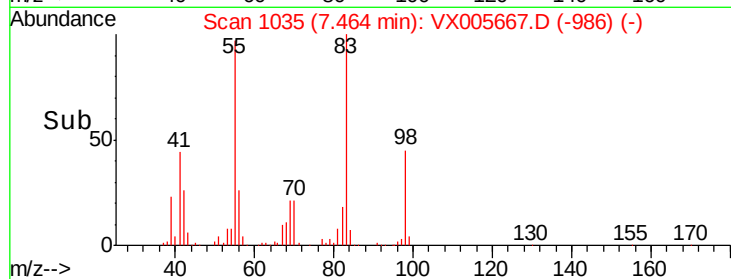
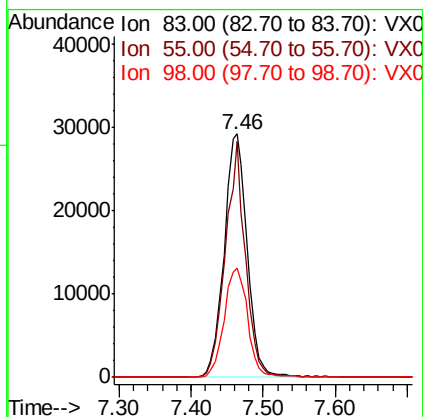
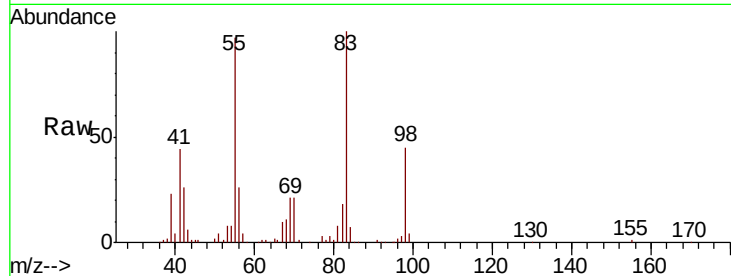




#39
Methylvlcyclohexane
Concen: 16.222 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

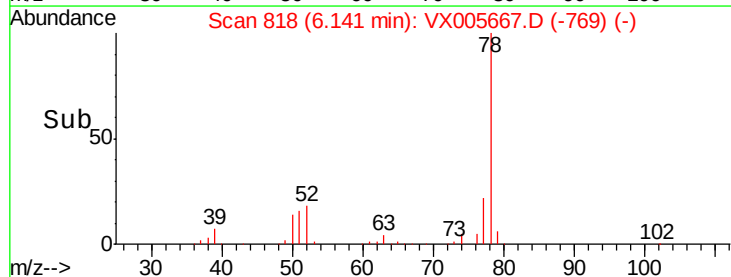
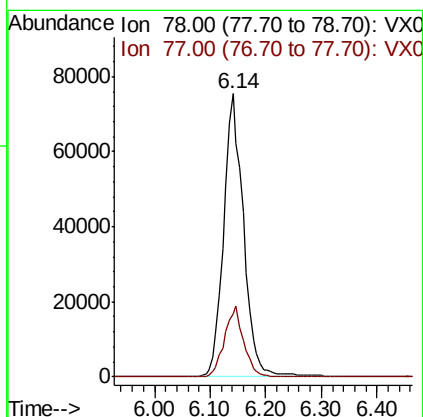
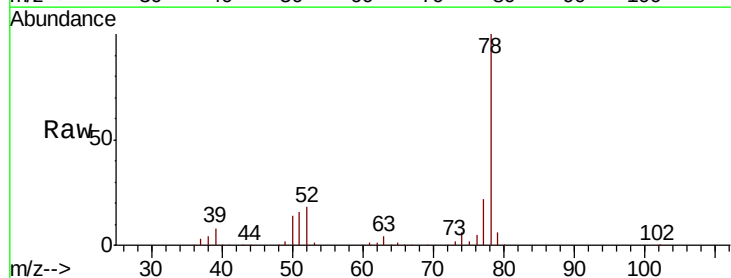
Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

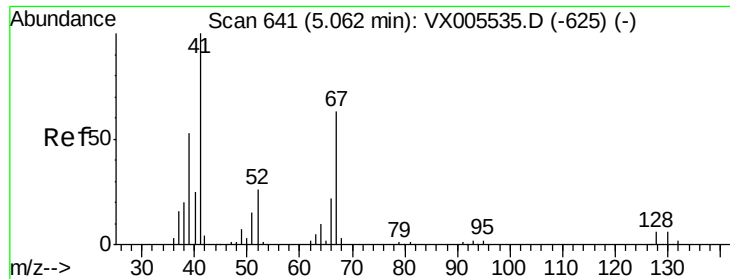
Tot Ion: 83 Resp: 65416
Ion Ratio Lower Upper
83 100
55 97.1 63.7 95.5#
98 45.0 36.2 54.2



#40
Benzene
Concen: 17.868 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion: 78 Resp: 187048
Ion Ratio Lower Upper
78 100
77 22.4 18.4 27.6

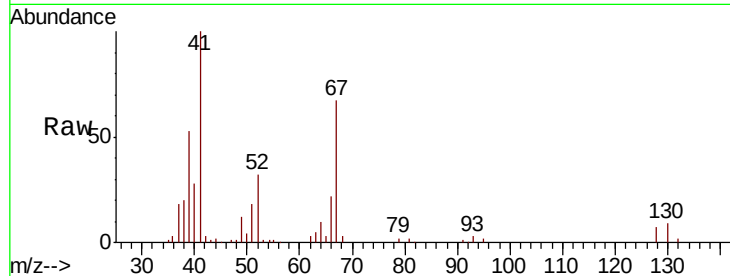




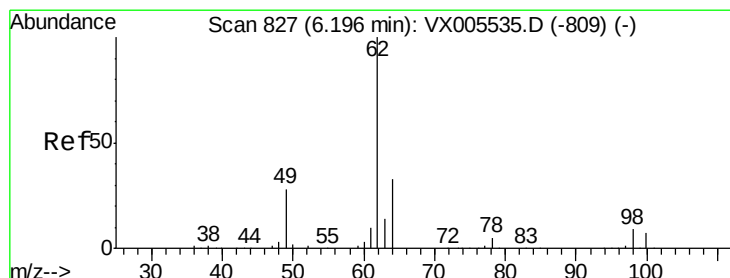
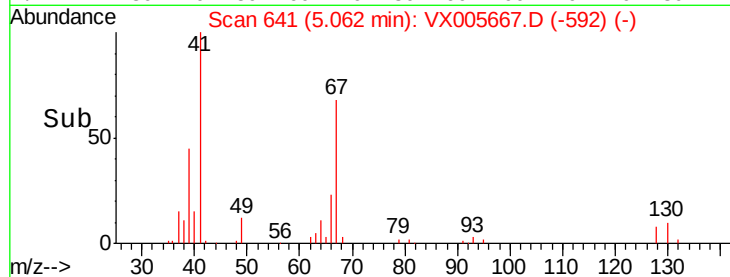
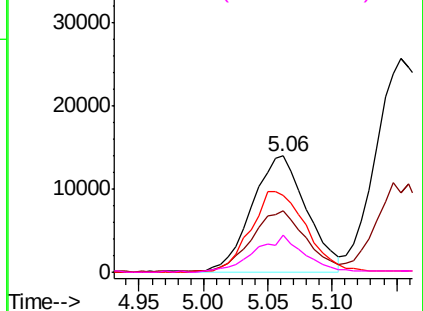
#41
Methacrylonitrile
Concen: 15.762 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

Tot Ion:	41	Resp:	40915
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.2	63.2
67	72.2	53.4	80.0
52	28.6	23.4	35.2

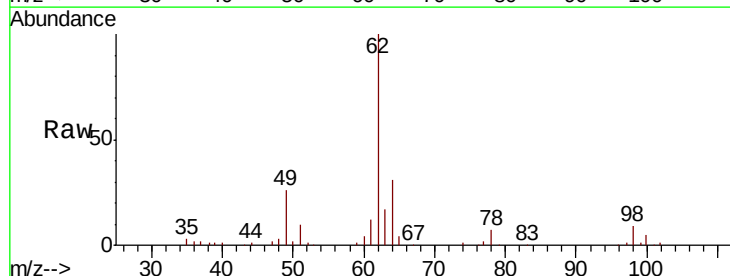


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

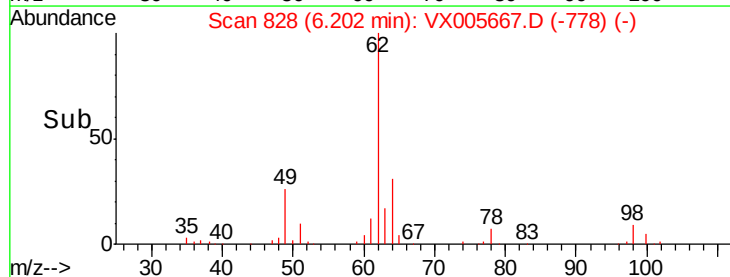
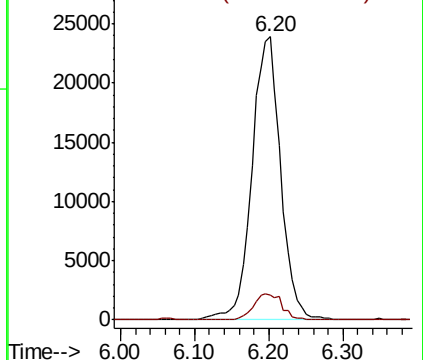


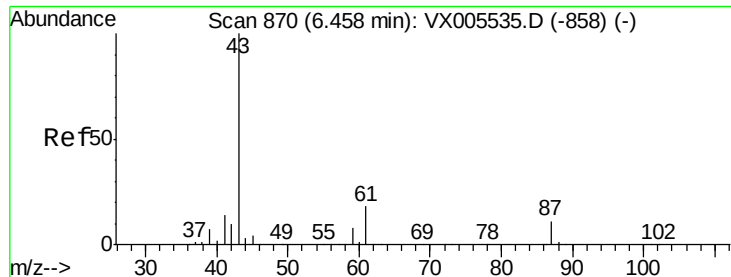
#42
1,2-Dichloroethane
Concen: 16.051 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion:	62	Resp:	63832
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 16.388 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

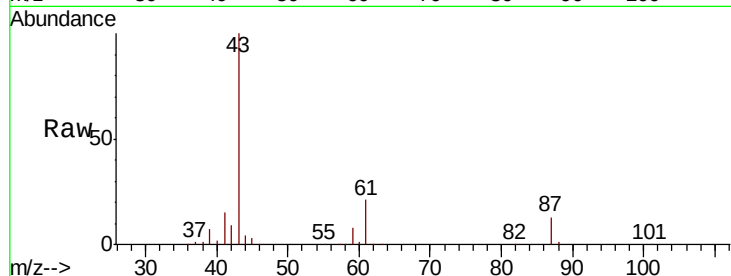
Tot Ion: 43 Resp: 114444

Ion Ratio Lower Upper

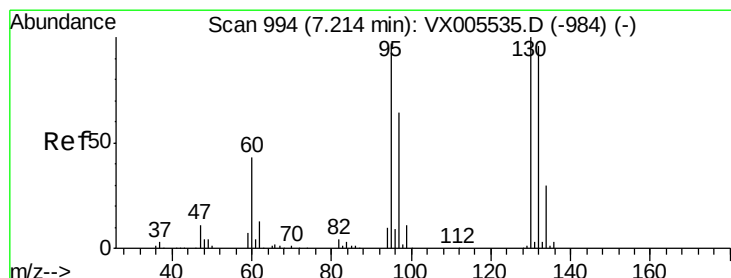
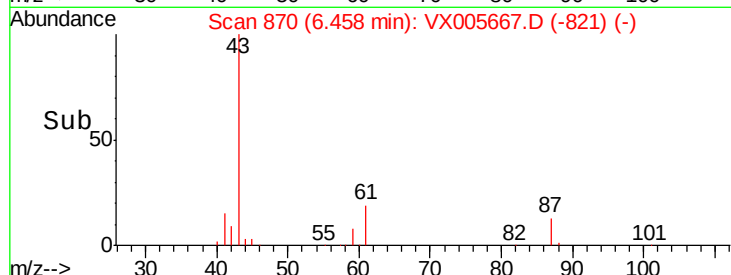
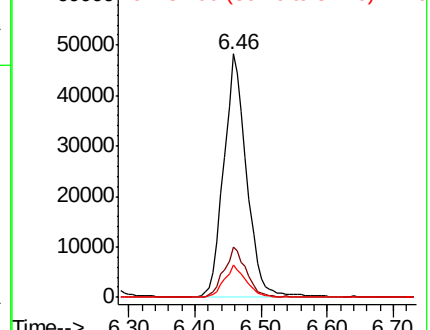
43 100

61 20.6 14.6 22.0

87 12.7 9.6 14.4



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: 16.529 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005667.D

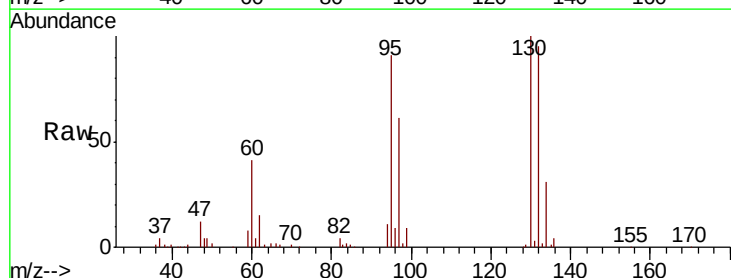
Acq: 29 Oct 2018 18:17

Tgt Ion:130 Resp: 47140

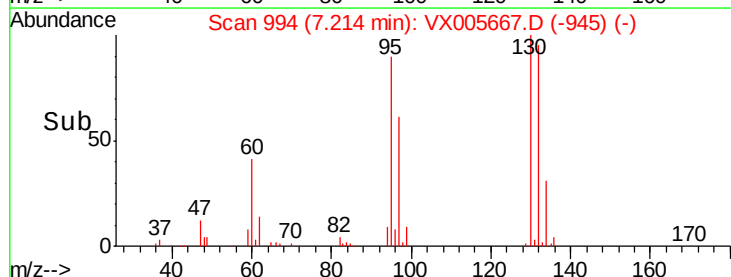
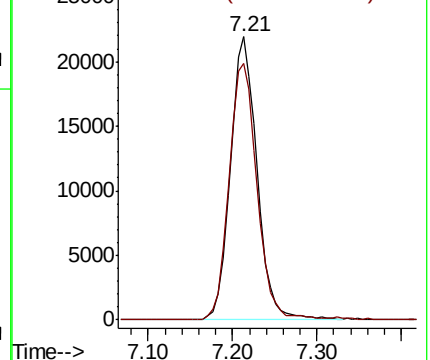
Ion Ratio Lower Upper

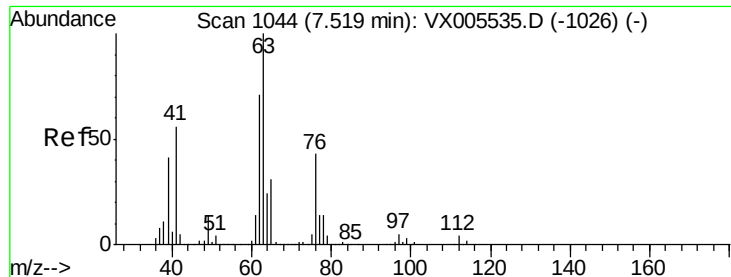
130 100

95 90.6 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

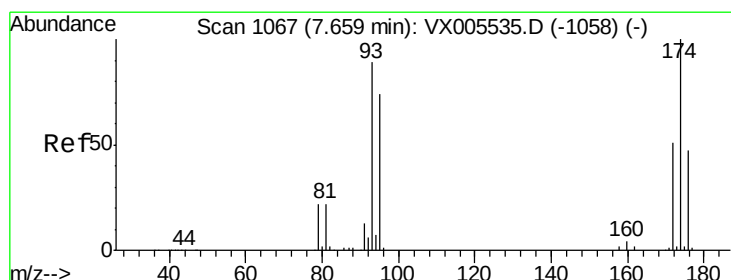
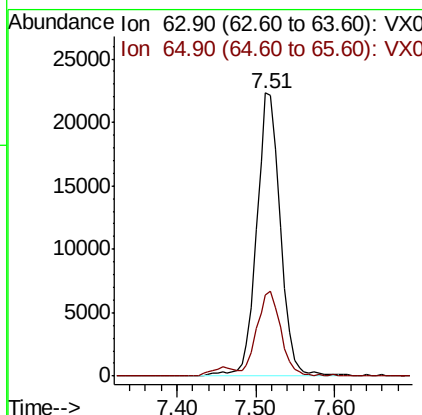
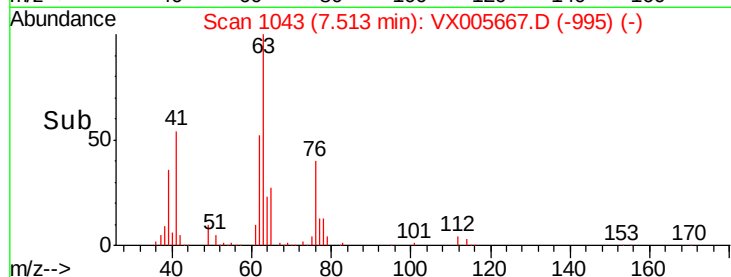
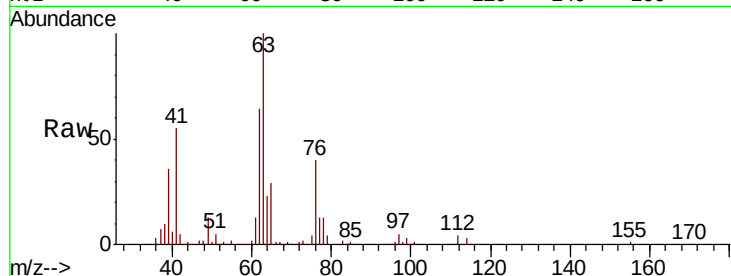




#45
 1,2-Dichloropropane
 Concen: 16.548 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

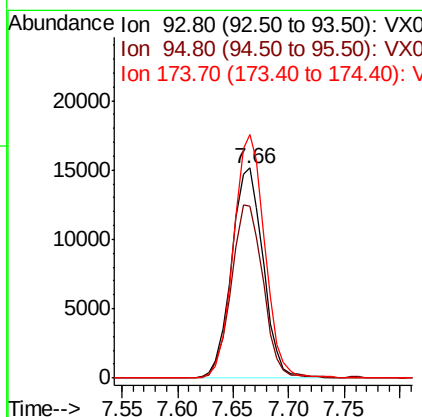
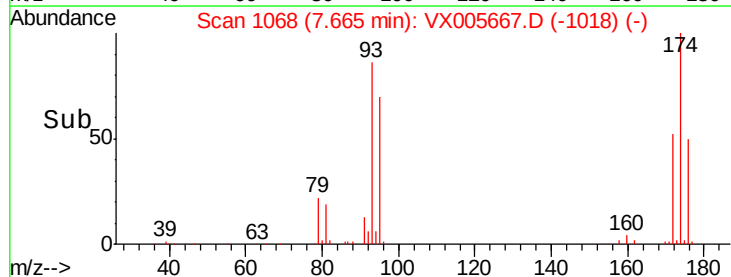
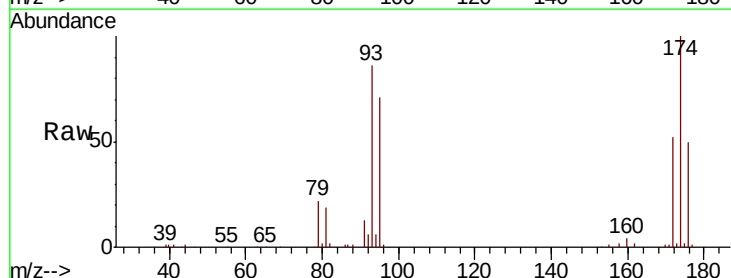
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

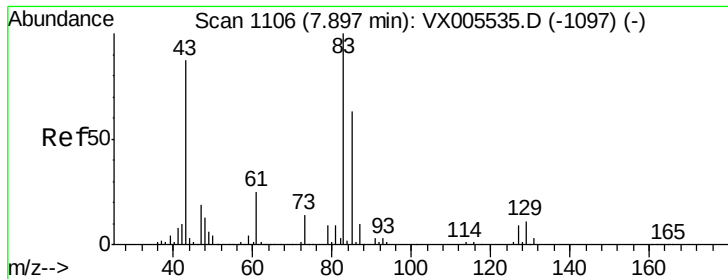
Tot Ion: 63 Resp: 46575
 Ion Ratio Lower Upper
 63 100
 65 28.6 24.8 37.2



#46
 Dibromomethane
 Concen: 16.406 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion: 93 Resp: 29822
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.4 101.0
 174 114.3 91.5 137.3





#47

Bromodichloromethane

Concen: 15.382 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

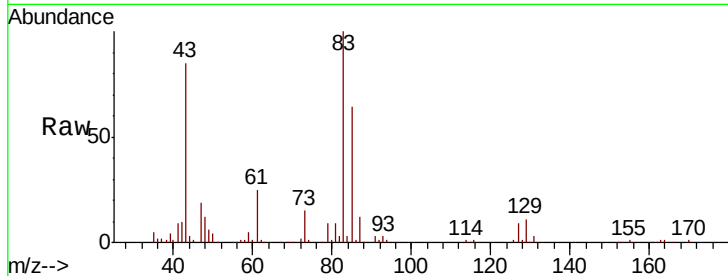
Tot Ion: 83 Resp: 54268

Ion Ratio Lower Upper

83 100

85 63.4 50.2 75.4

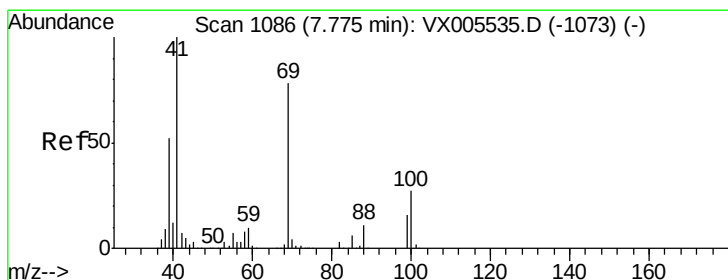
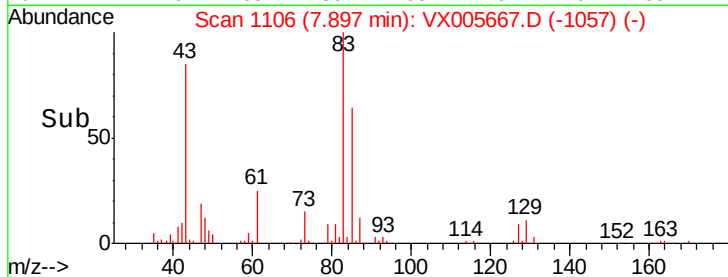
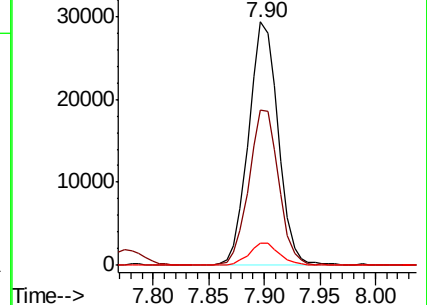
127 9.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.483 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

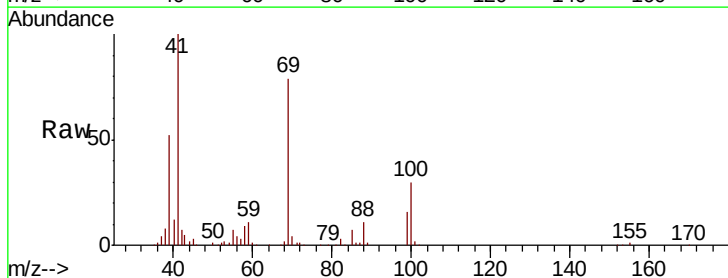
Tgt Ion: 41 Resp: 56076

Ion Ratio Lower Upper

41 100

69 80.8 63.2 94.8

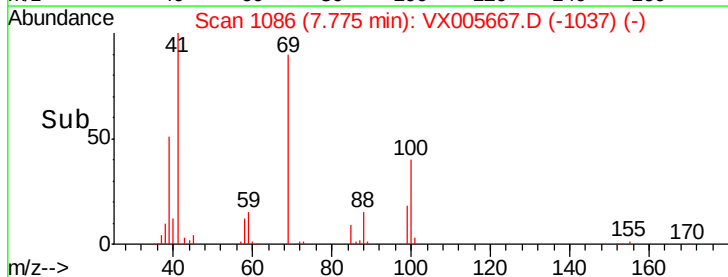
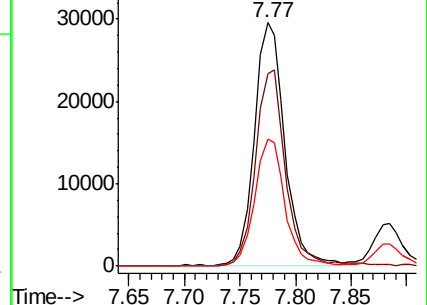
39 51.7 42.2 63.2

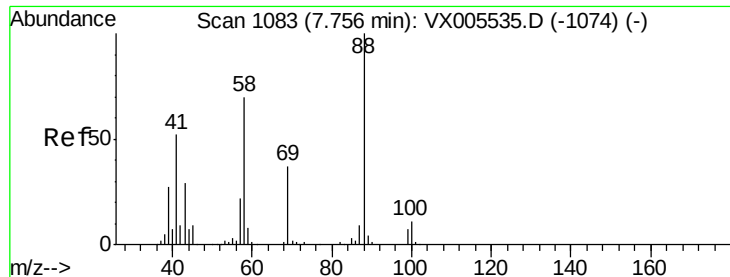


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

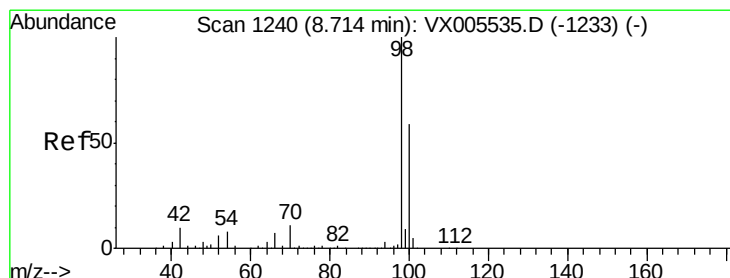
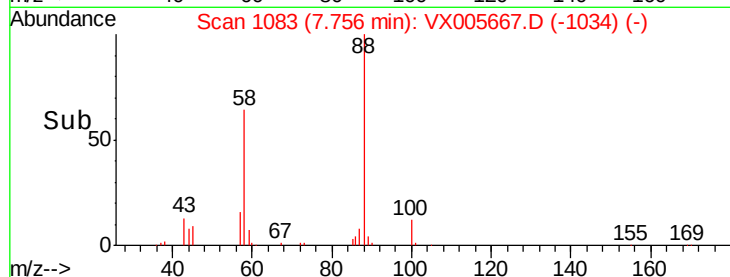
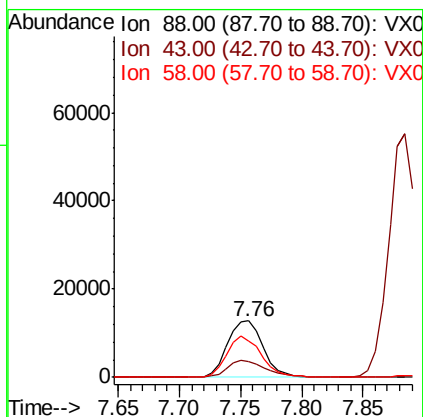
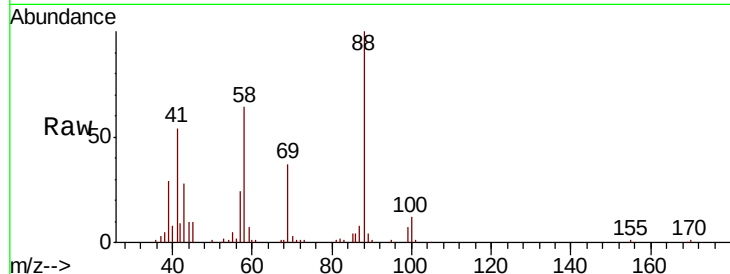




#49
1,4-Dioxane
Concen: 349.091 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

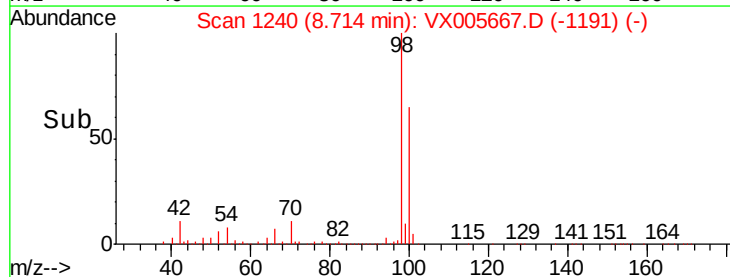
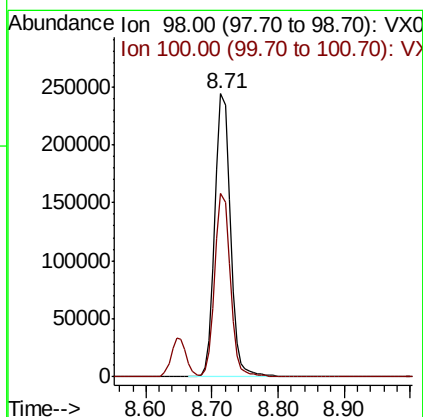
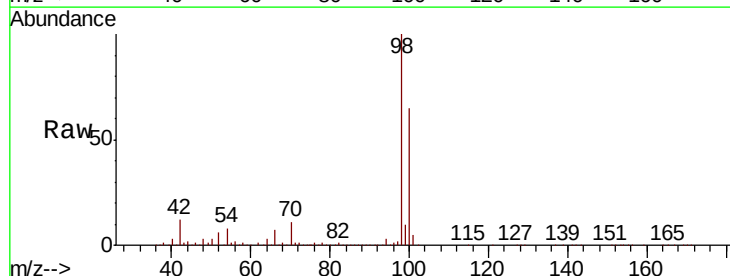
Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

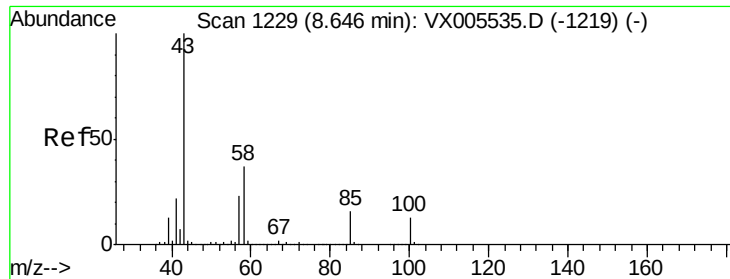
Tot Ion: 88 Resp: 25953
Ion Ratio Lower Upper
88 100
43 31.7 27.4 41.0
58 72.5 59.4 89.2



#50
Toluene-d8
Concen: 43.438 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion: 98 Resp: 397698
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

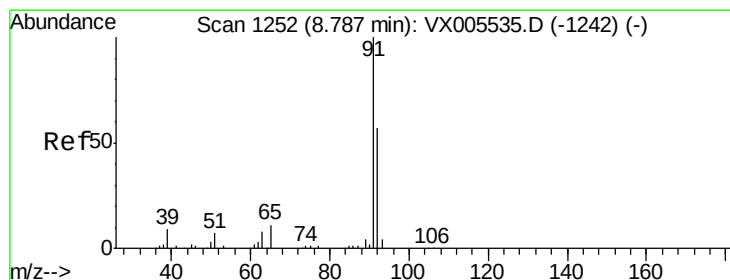
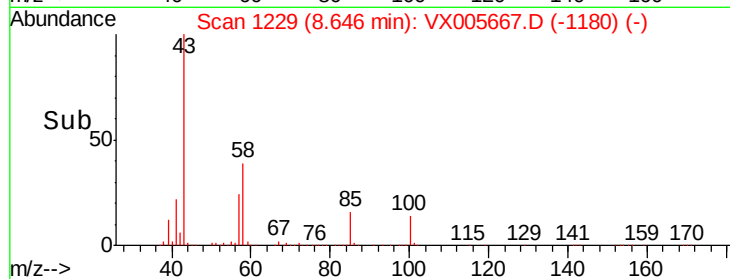
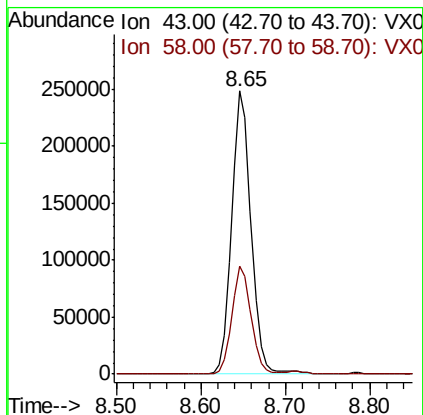
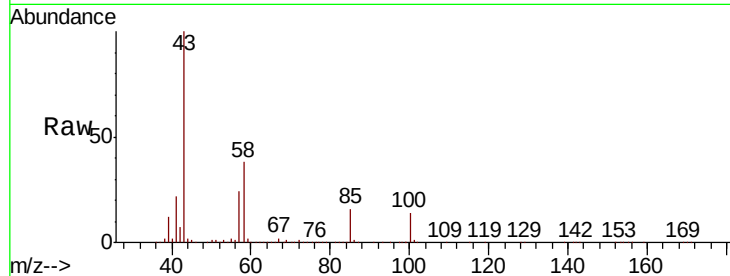




#51
 4-Methyl-2-Pentanone
 Concen: 82.685 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

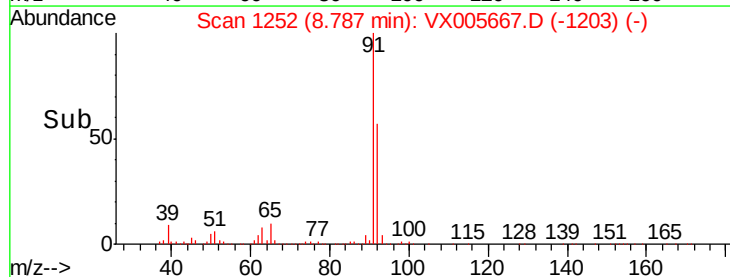
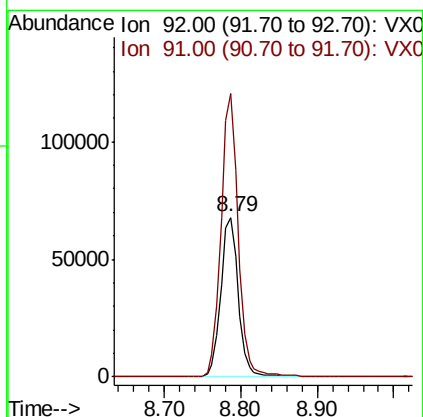
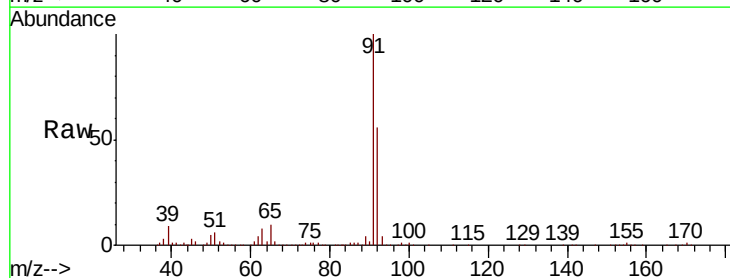
Instrument :
 MSVOA_X
 ClientSampled :
 VX1029MBS01

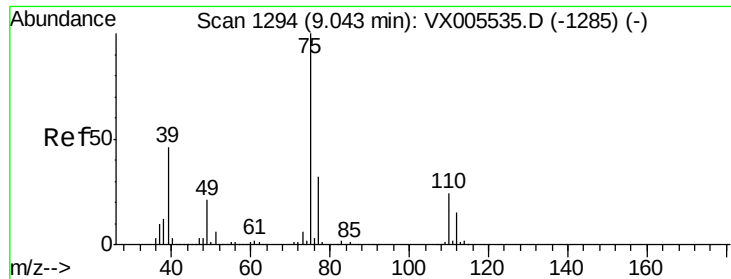
Tot Ion: 43 Resp: 388055
 Ion Ratio Lower Upper
 43 100
 58 37.7 29.7 44.5



#52
 Toluene
 Concen: 16.973 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion: 92 Resp: 107984
 Ion Ratio Lower Upper
 92 100
 91 173.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 15.680 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

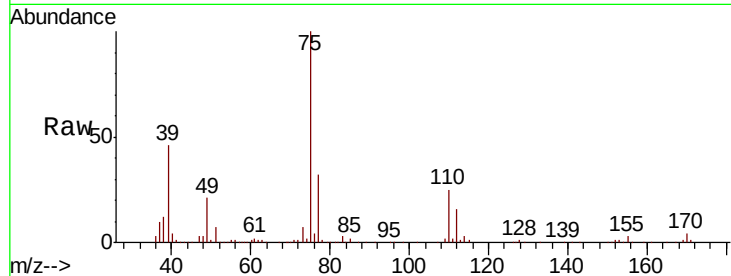
VX1029MBS01

Tot Ion: 75 Resp: 59789

Ion Ratio Lower Upper

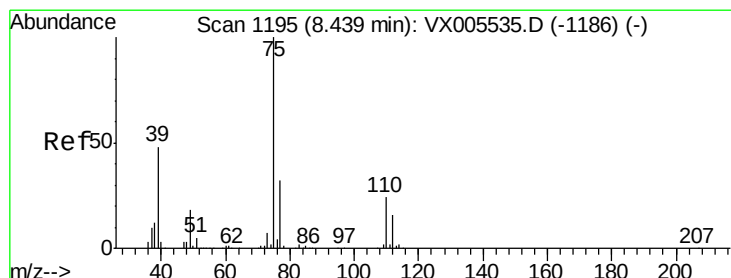
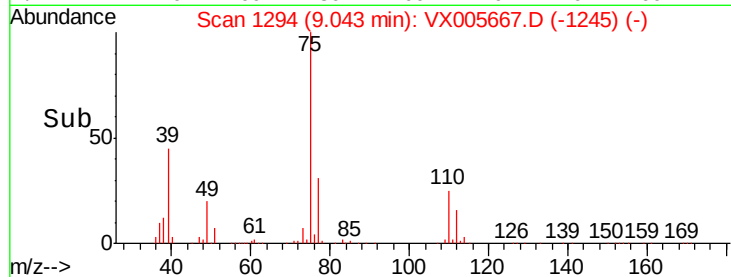
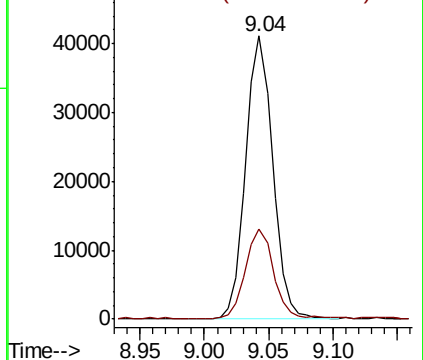
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.256 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

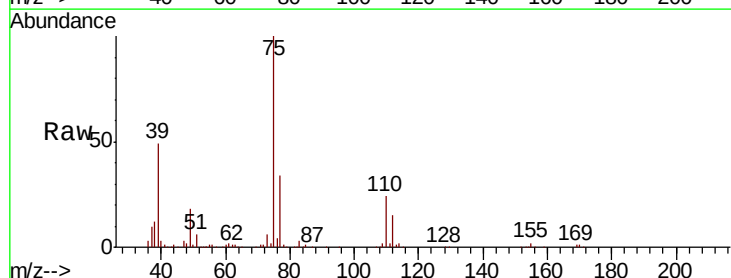
Tgt Ion: 75 Resp: 66734

Ion Ratio Lower Upper

75 100

77 33.7 25.2 37.8

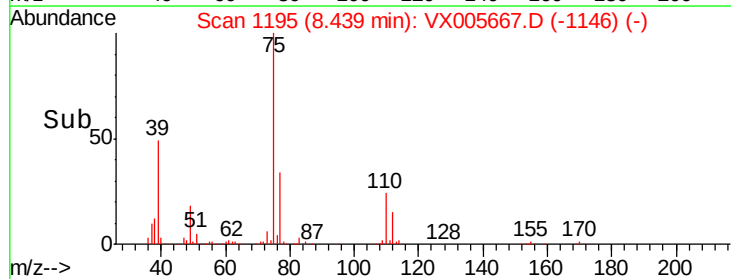
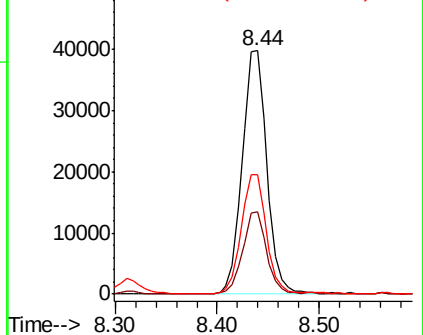
39 48.6 38.2 57.2

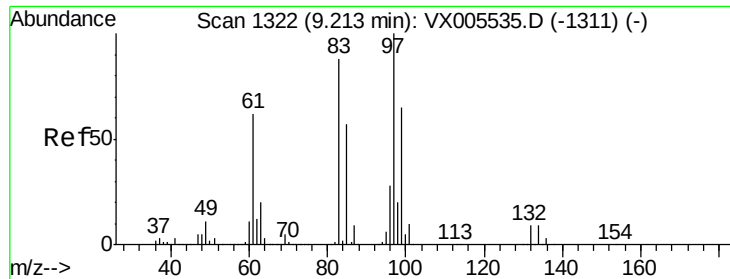


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



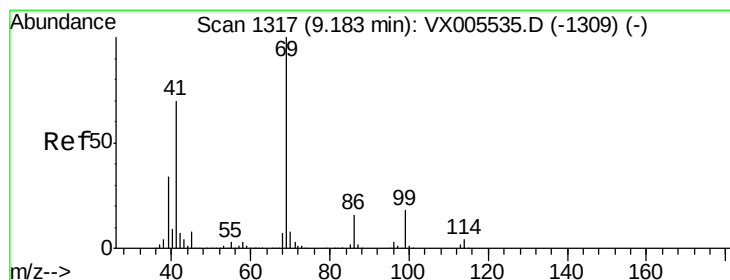
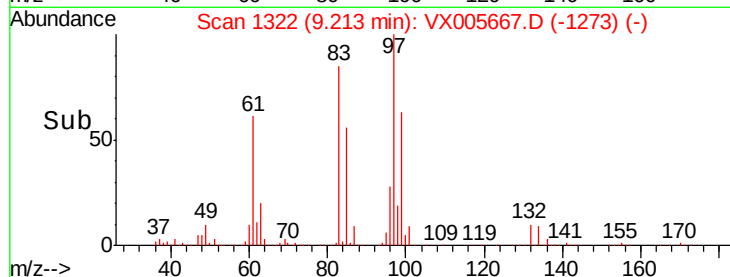
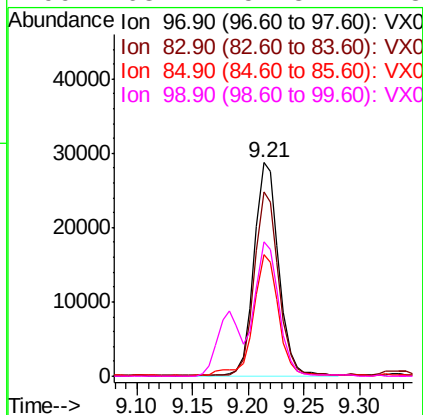
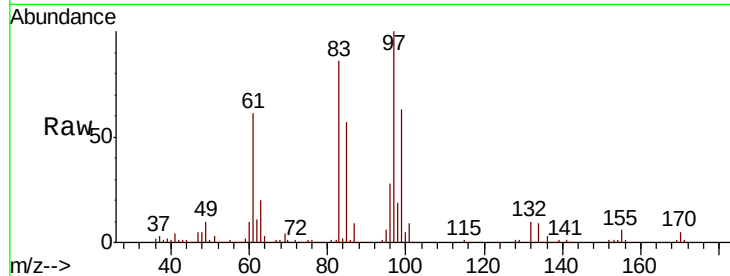


#55
 1,1,2-Trichloroethane
 Concen: 16.660 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

Tot Ion: 97 Resp: 44689

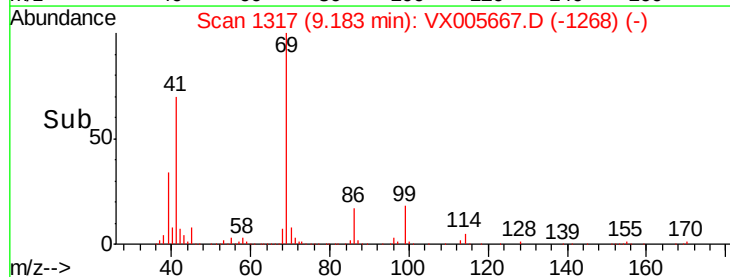
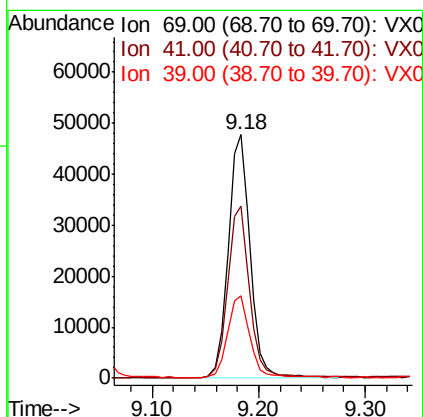
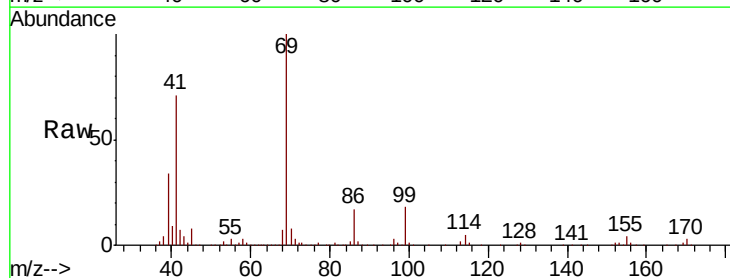
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.7	106.1
85	56.4	45.8	68.6
99	63.2	51.8	77.8

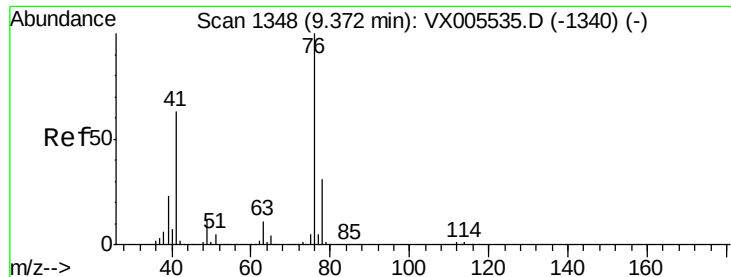


#56
 Ethyl methacrylate
 Concen: 16.939 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion: 69 Resp: 67774

Ion	Ratio	Lower	Upper
69	100		
41	71.6	57.0	85.6
39	33.9	28.3	42.5

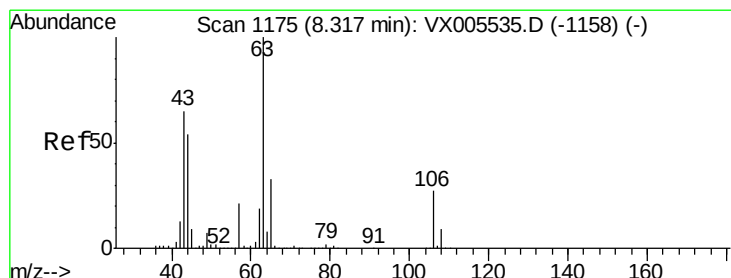
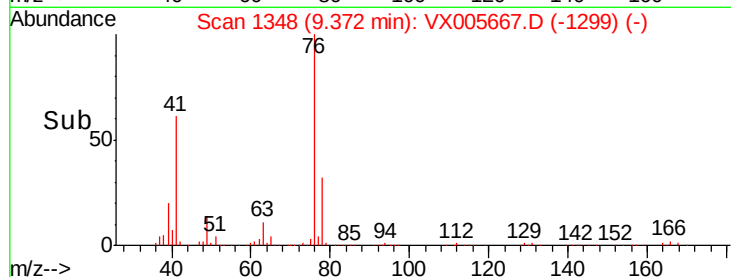
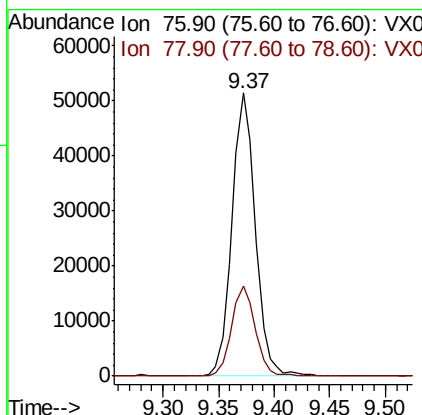
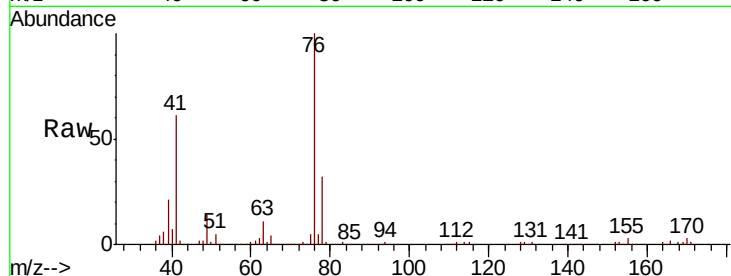




#57
 1,3-Dichloropropane
 Concen: 16.340 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

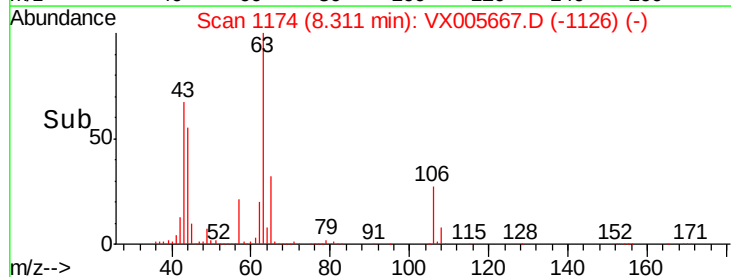
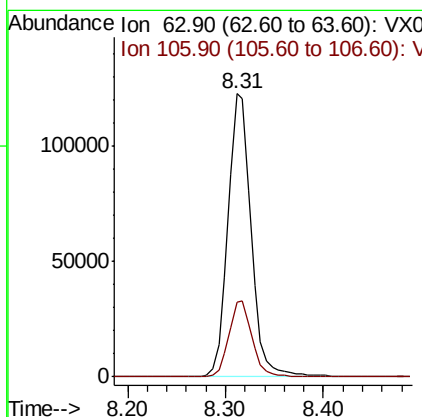
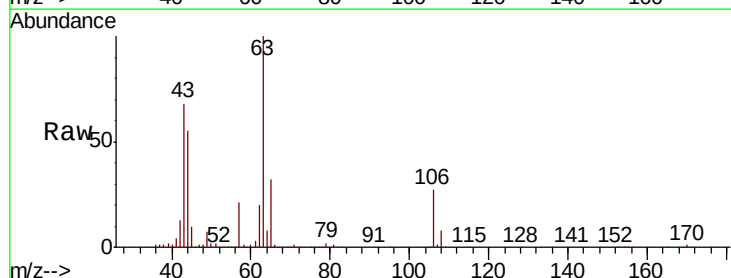
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

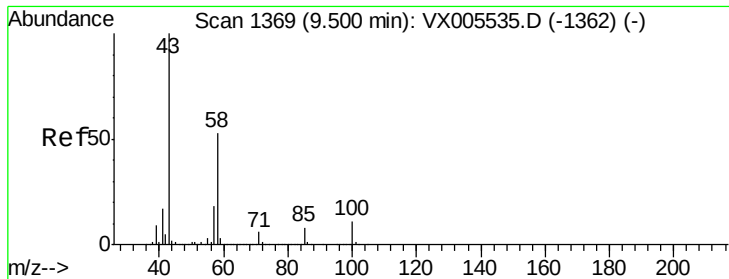
Tot Ion: 76 Resp: 74163
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.993 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion: 63 Resp: 201097
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.3 31.9

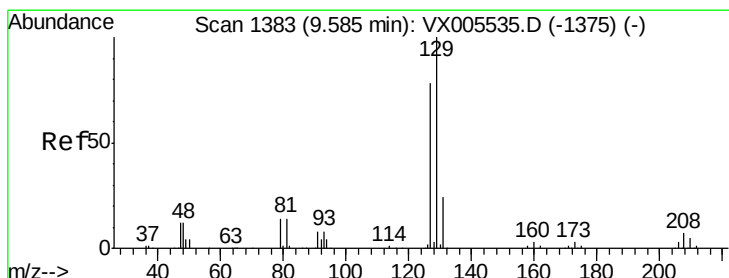
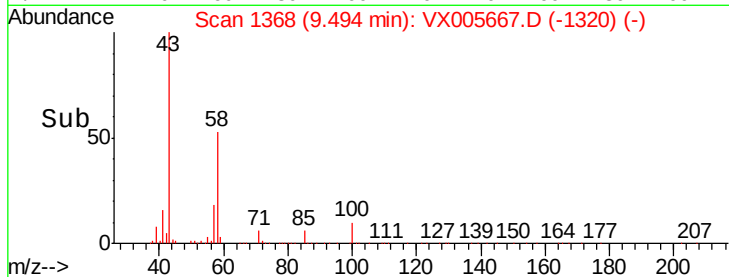
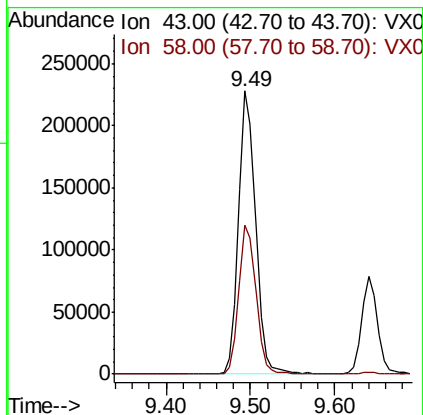
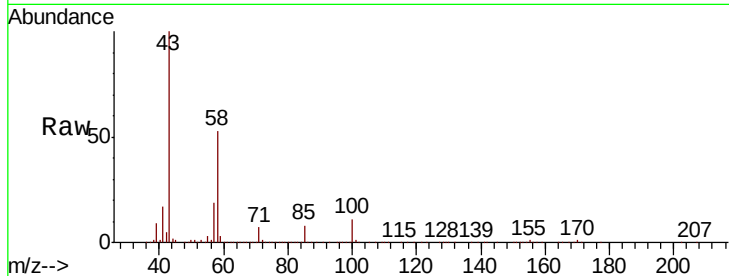




#59
2-Hexanone
Concen: 83.658 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

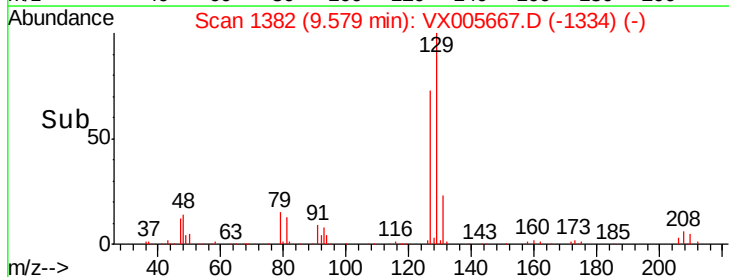
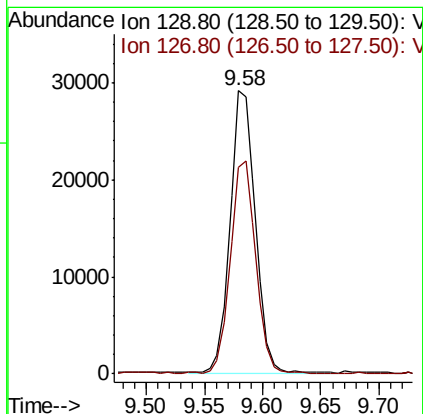
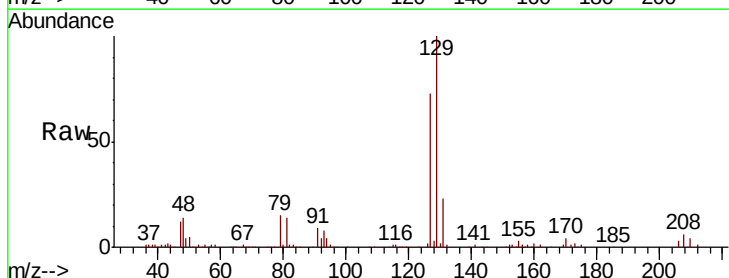
Instrument :
MSVOA_X
ClientSampled :
VX1029MBS01

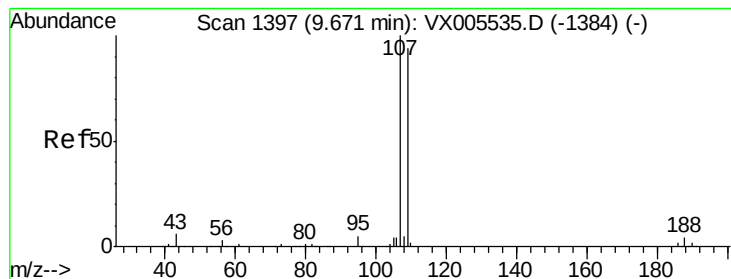
Tot Ion: 43 Resp: 309561
Ion Ratio Lower Upper
43 100
58 53.4 25.9 77.8



#60
Dibromochloromethane
Concen: 15.606 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion: 129 Resp: 43676
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 16.802 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

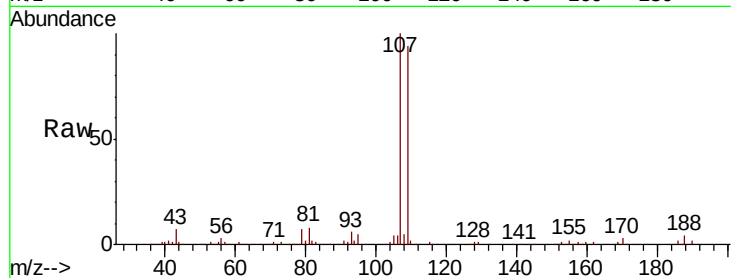
VX1029MBS01

Tot Ion:107 Resp: 46626

Ion Ratio Lower Upper

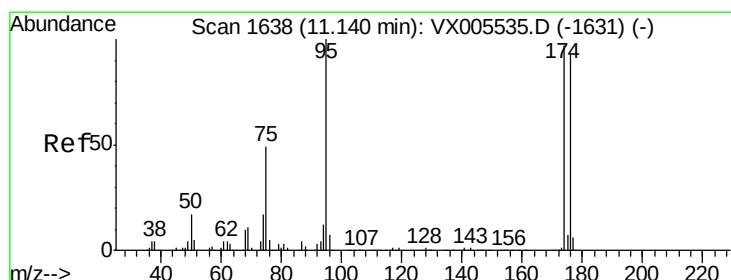
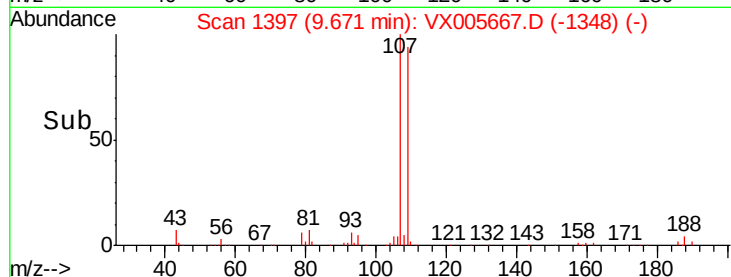
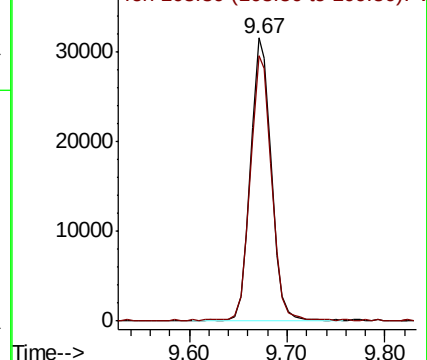
107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.307 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

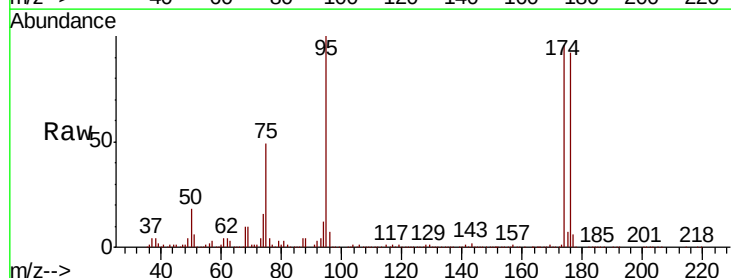
Tgt Ion: 95 Resp: 153195

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

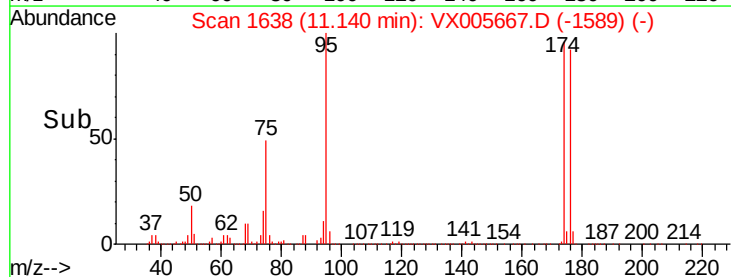
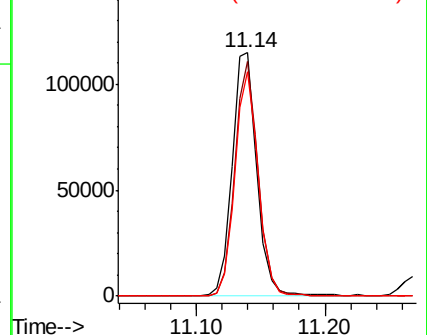
176 88.2 0.0 177.4

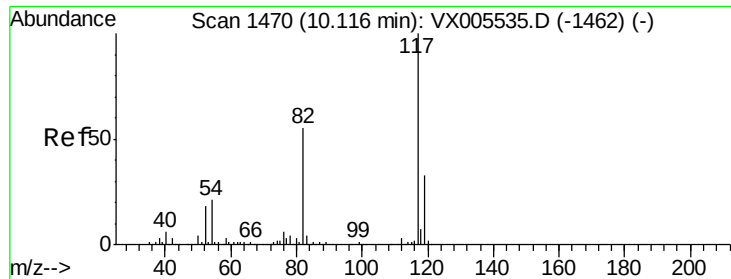


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

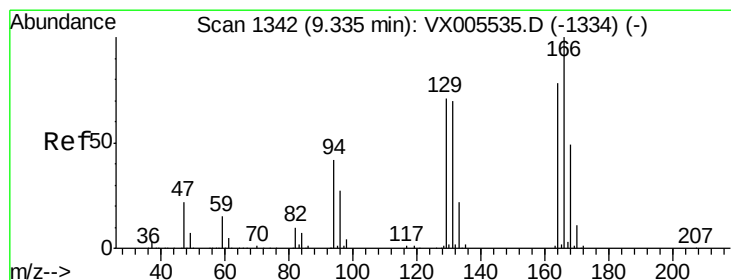
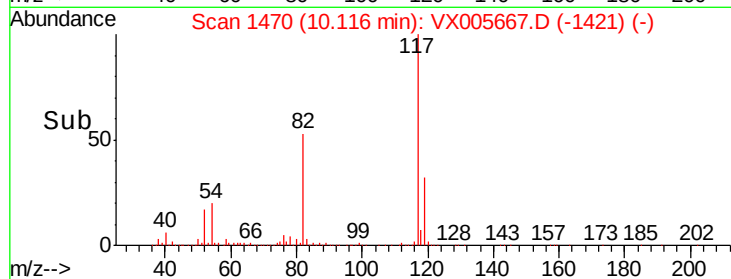
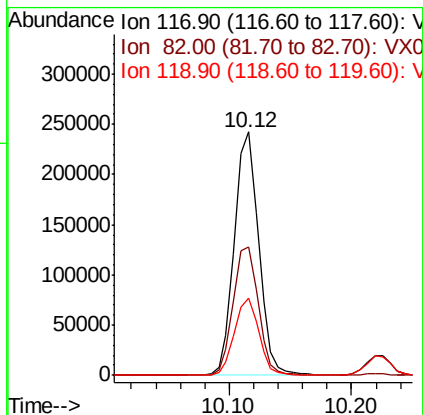
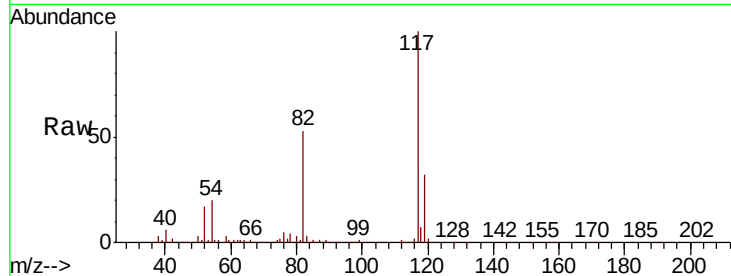




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

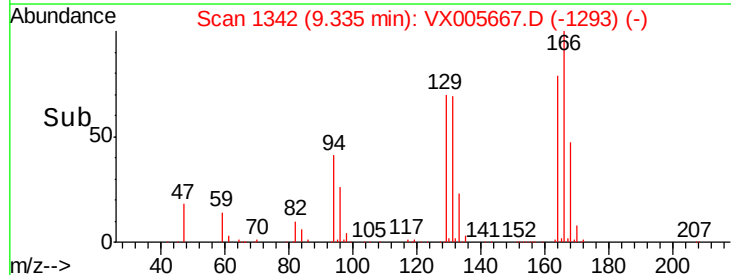
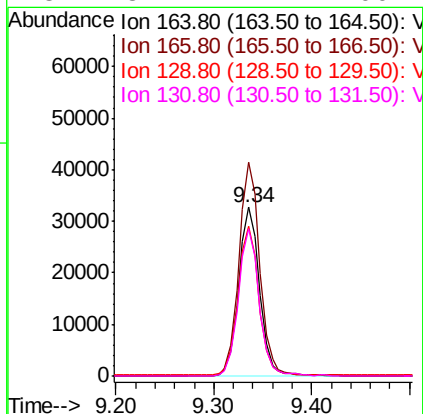
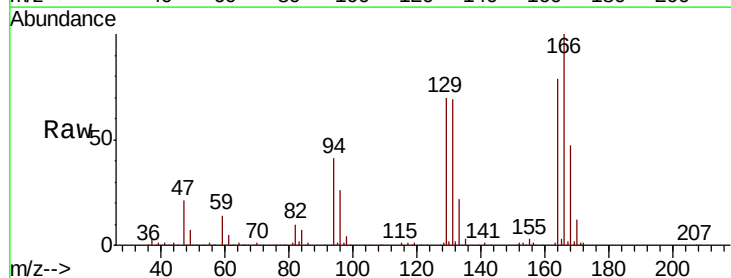
Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

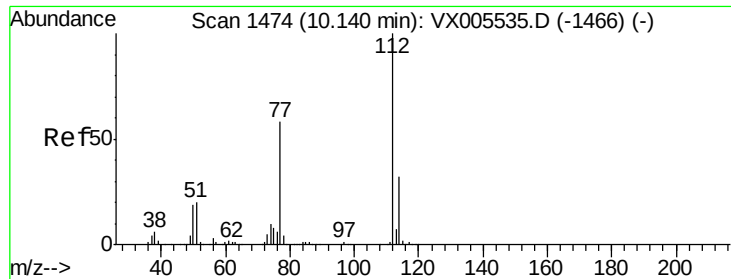
Tot Ion:117 Resp: 334113
Ion Ratio Lower Upper
117 100
82 52.9 44.1 66.1
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 17.567 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion:164 Resp: 48724
Ion Ratio Lower Upper
164 100
166 126.3 101.9 152.9
129 88.3 72.6 109.0
131 87.1 71.1 106.7

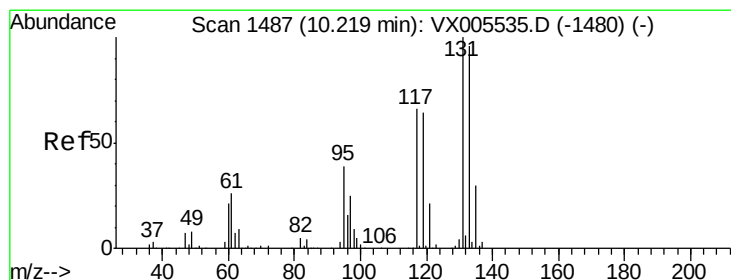
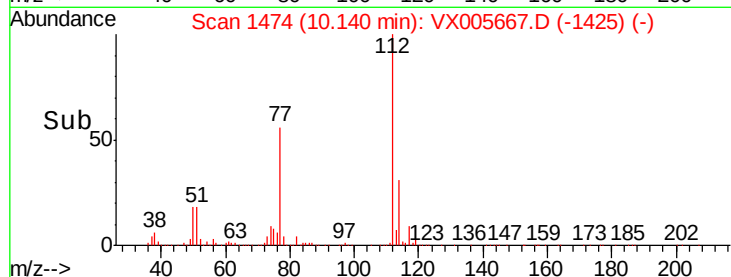
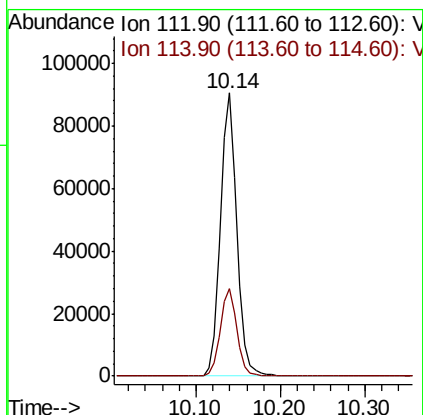
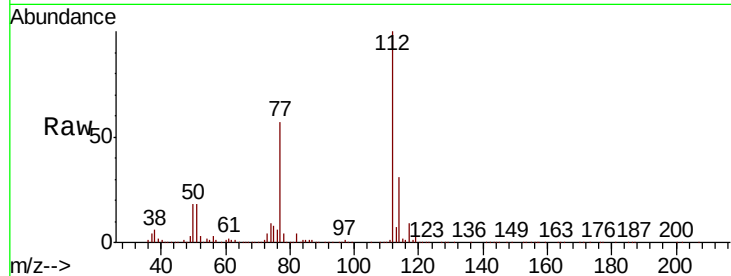




#65
Chlorobenzene
Concen: 17.232 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

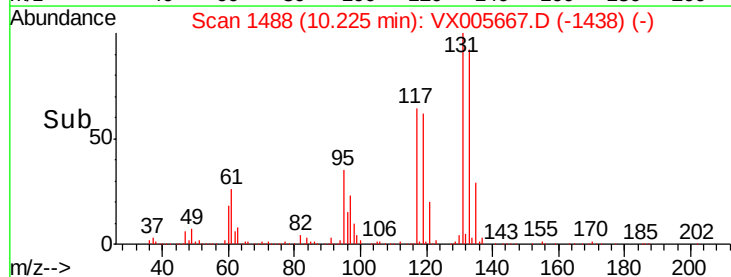
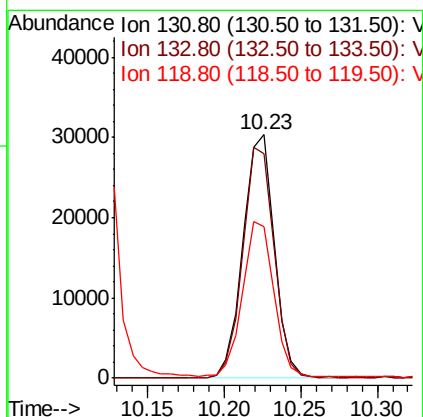
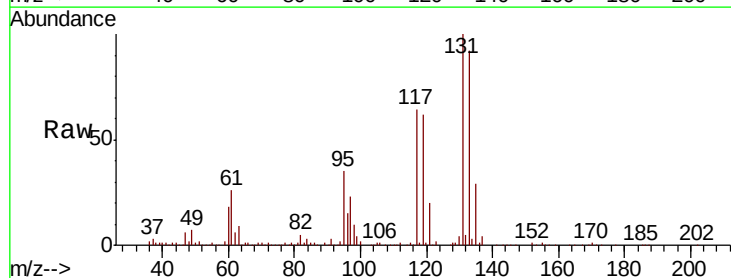
Instrument :
MSVOA_X
ClientSampled :
VX1029MBS01

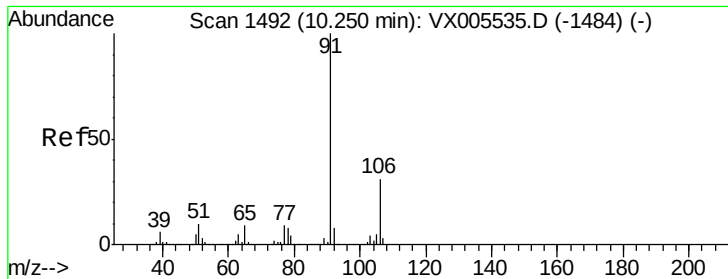
Tot Ion:112 Resp: 122601
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 16.541 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion:131 Resp: 42911
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 64.1 31.8 95.3





#67

Ethyl Benzene

Concen: 17.757 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampled :

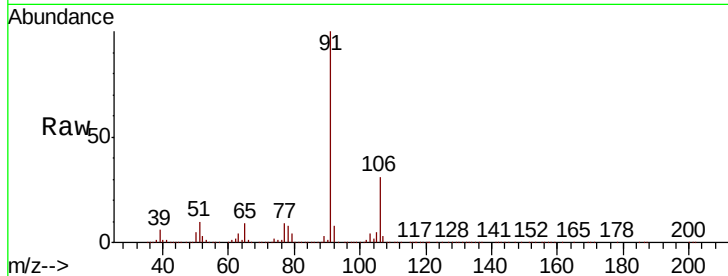
VX1029MBS01

Tot Ion: 91 Resp: 207859

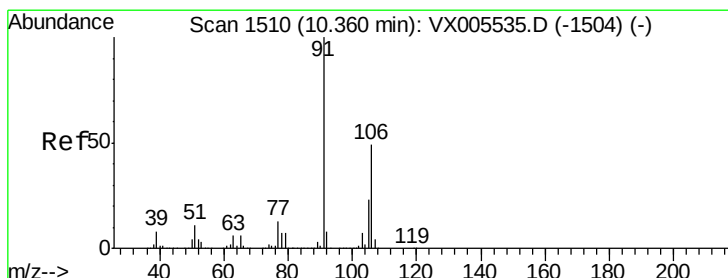
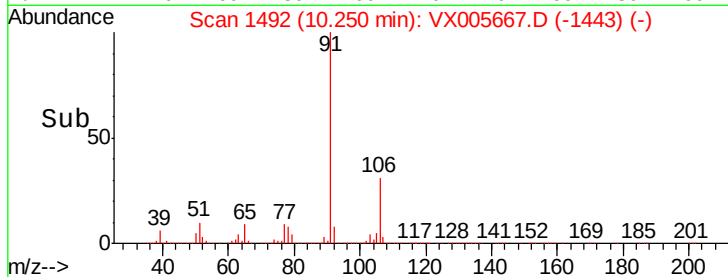
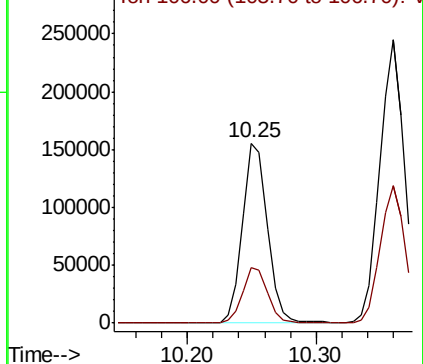
Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1484) (-)



#68

m/p-Xylenes

Concen: 35.493 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005667.D

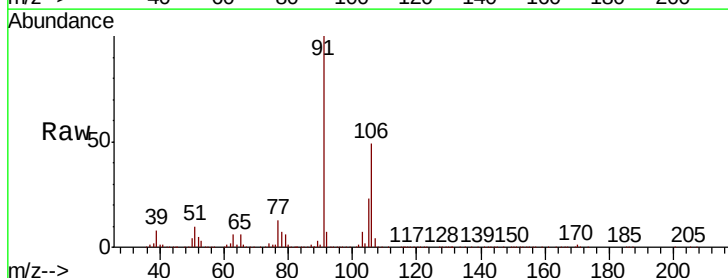
Acq: 29 Oct 2018 18:17

Tgt Ion: 106 Resp: 161193

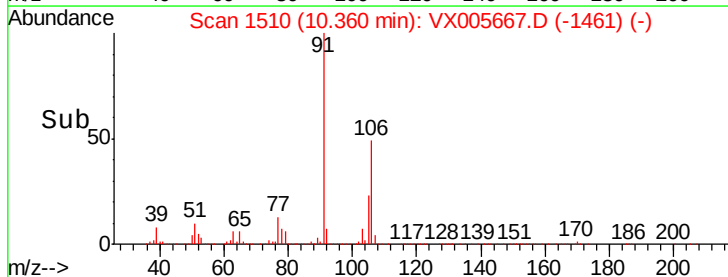
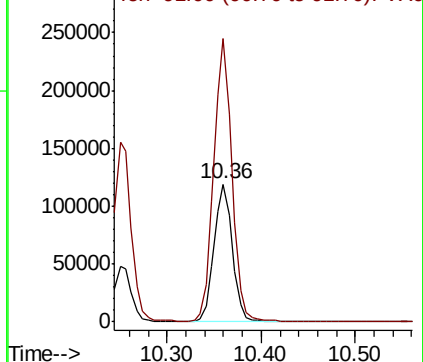
Ion Ratio Lower Upper

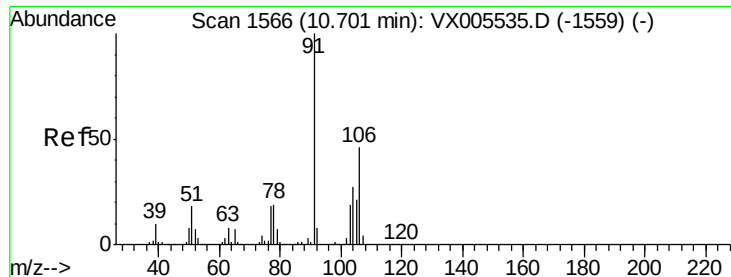
106 100

91 204.2 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005535.D (-1504) (-)

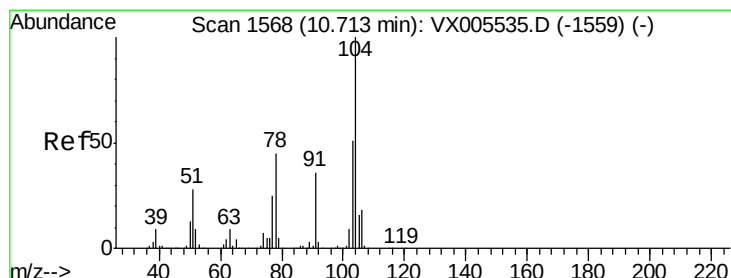
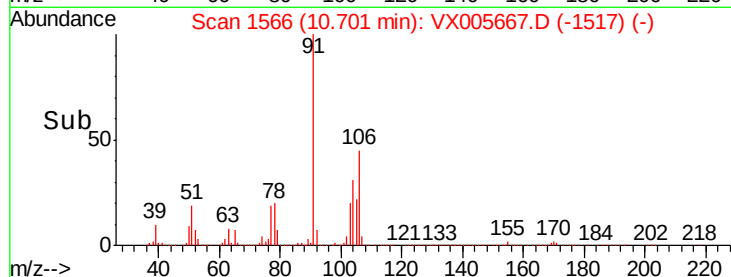
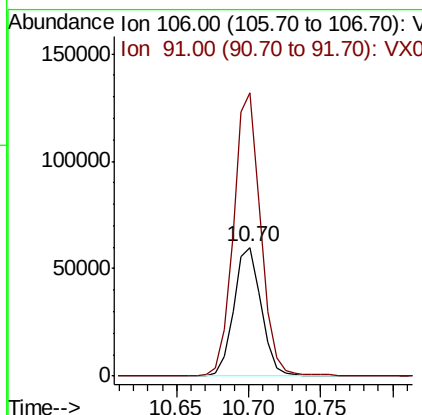
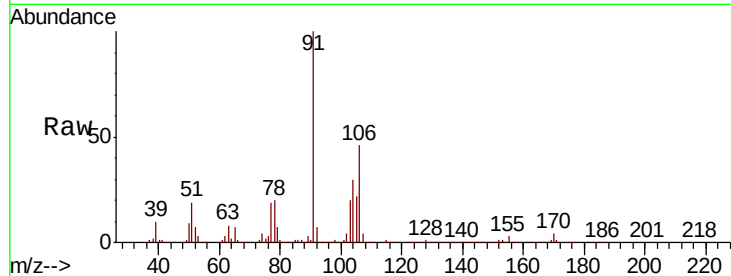




#69
o-Xylene
Concen: 18.602 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

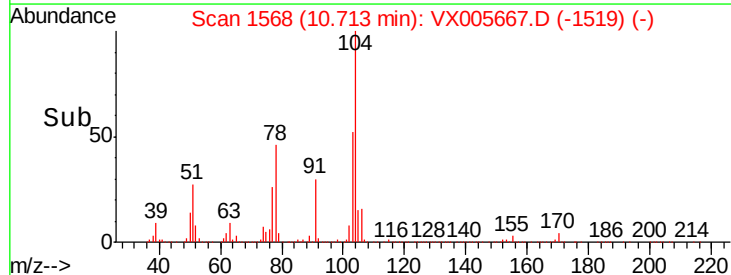
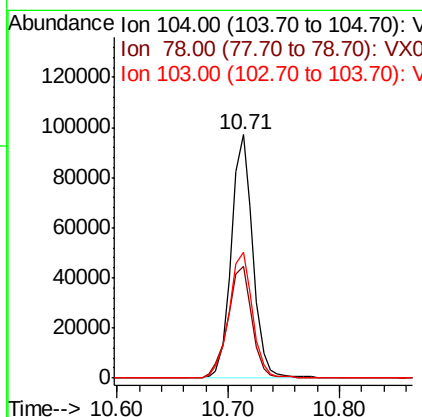
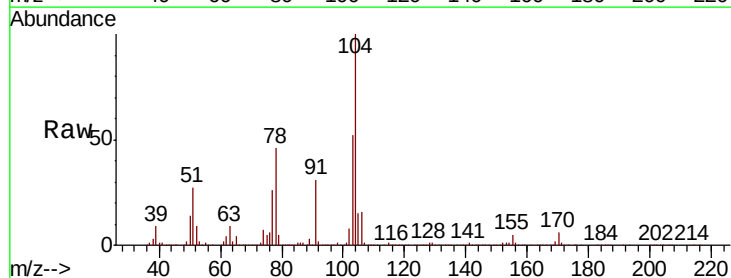
Instrument :
MSVOA_X
ClientSampled :
VX1029MBS01

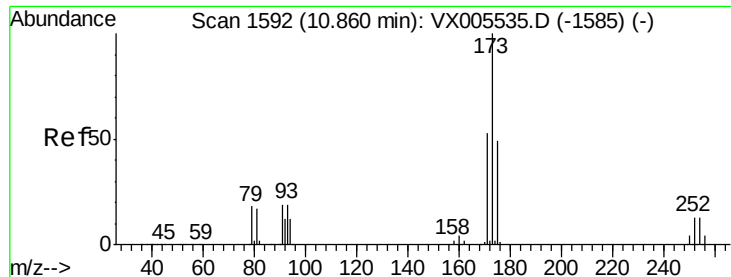
Tot Ion:106 Resp: 79480
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.5



#70
Styrene
Concen: 18.111 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion:104 Resp: 129544
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.4
103 56.8 44.9 67.3





#71

Bromoform

Concen: 15.142 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

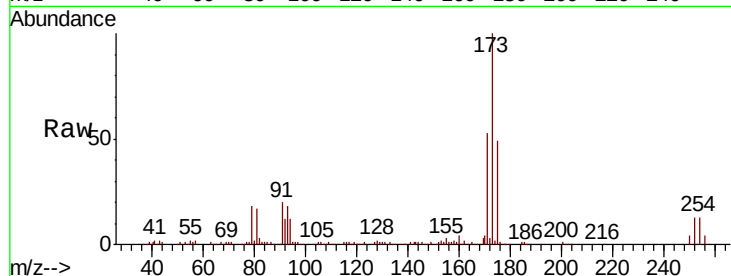
Tot Ion:173 Resp: 35053

Ion Ratio Lower Upper

173 100

175 50.2 24.8 74.3

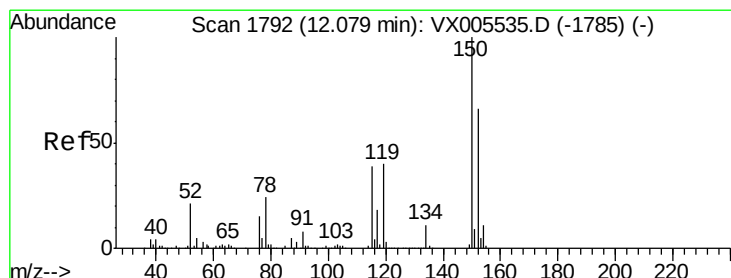
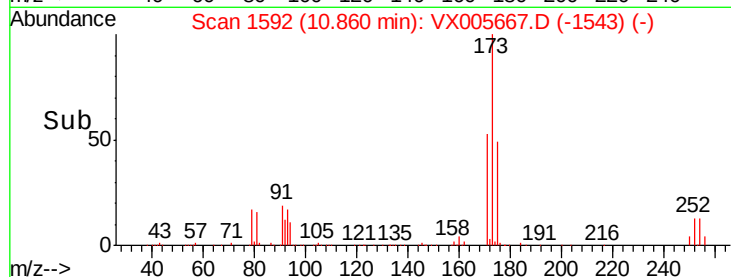
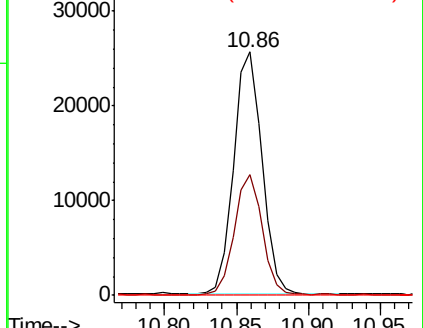
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

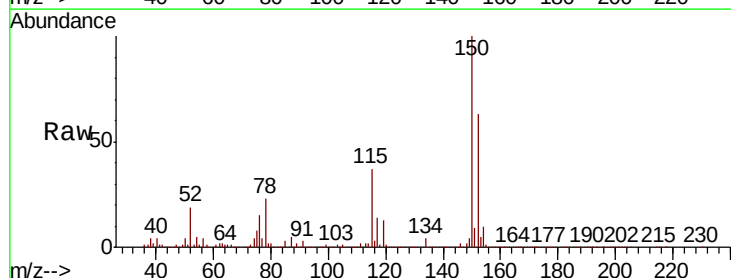
Tgt Ion:152 Resp: 182824

Ion Ratio Lower Upper

152 100

115 64.1 39.4 118.1

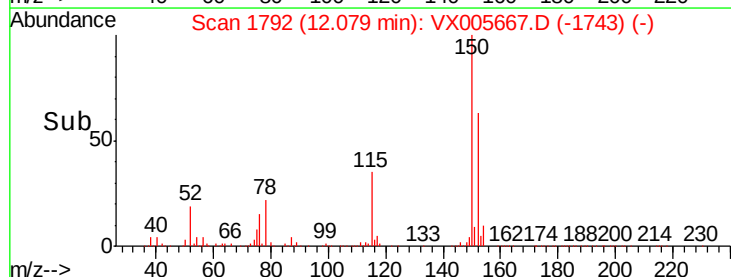
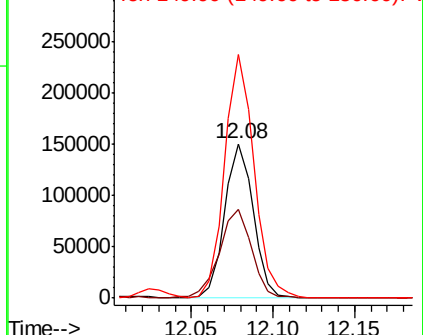
150 163.0 0.0 346.4

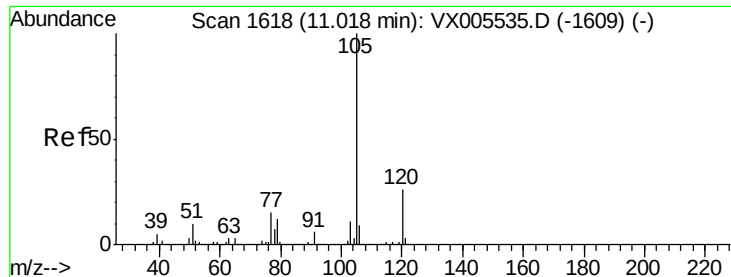


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.145 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

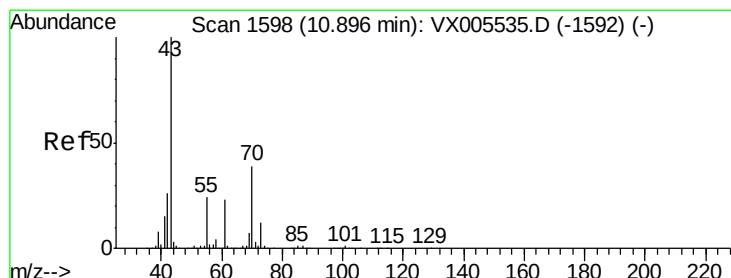
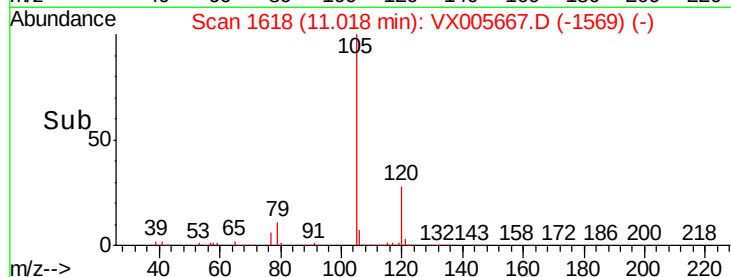
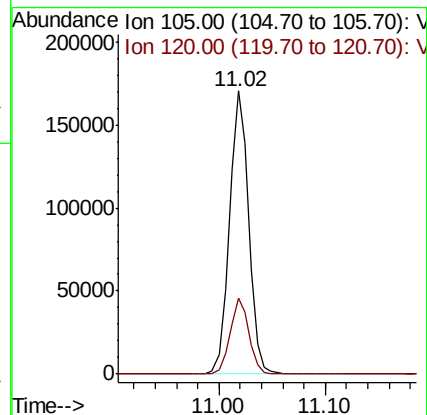
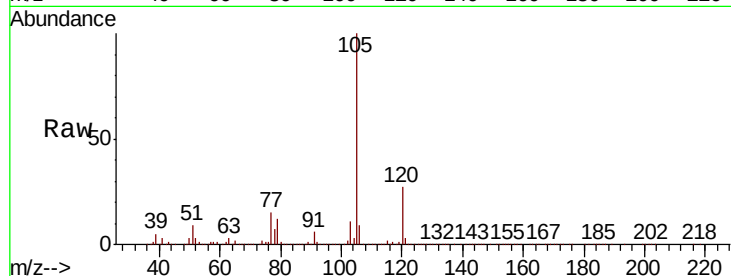
VX1029MBS01

Tot Ion:105 Resp: 213963

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



#74

N-ethyl acetate

Concen: 18.371 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Tgt Ion: 43 Resp: 101732

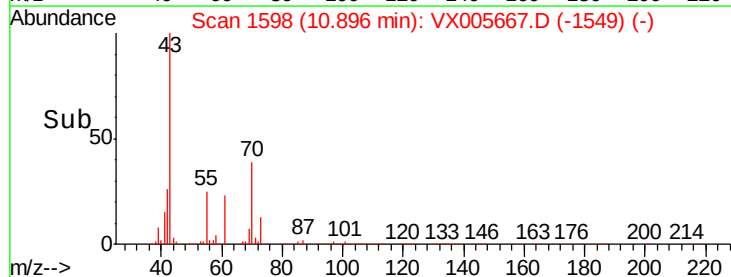
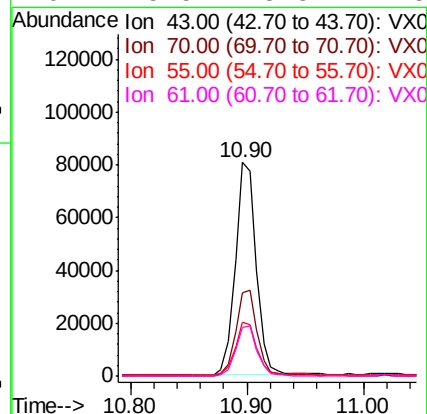
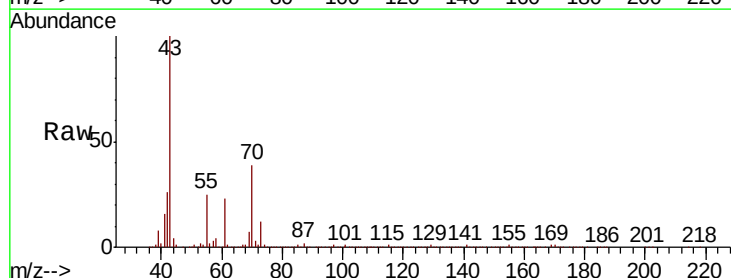
Ion Ratio Lower Upper

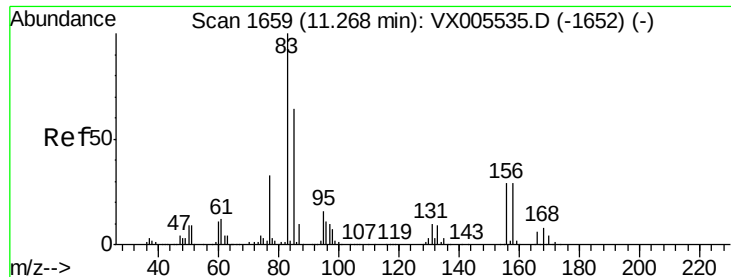
43 100

70 40.7 31.6 47.4

55 25.0 19.7 29.5

61 23.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.349 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

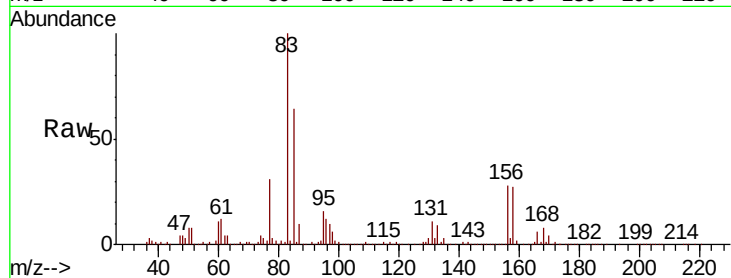
Tot Ion: 83 Resp: 71532

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.9

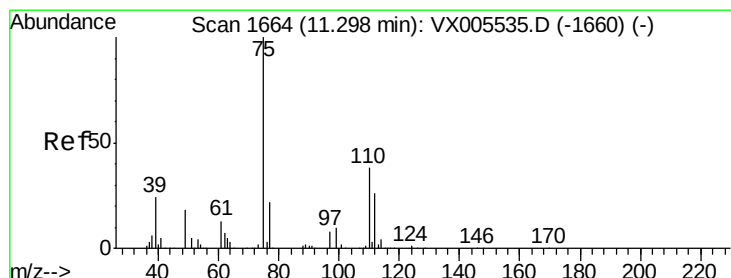
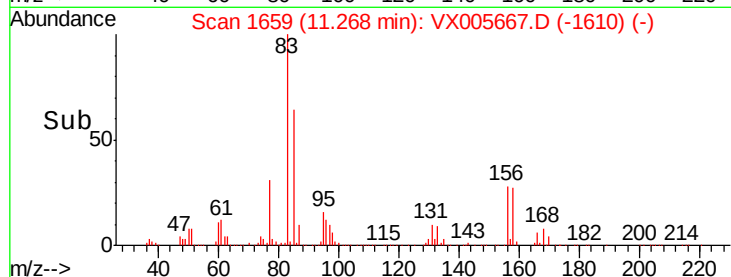
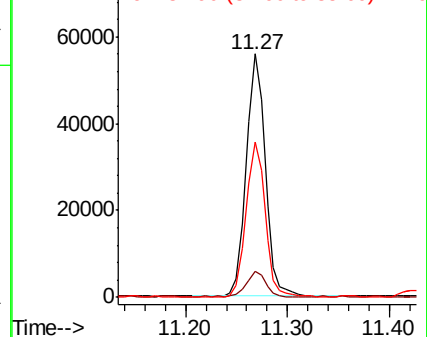
85 64.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.288 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005667.D

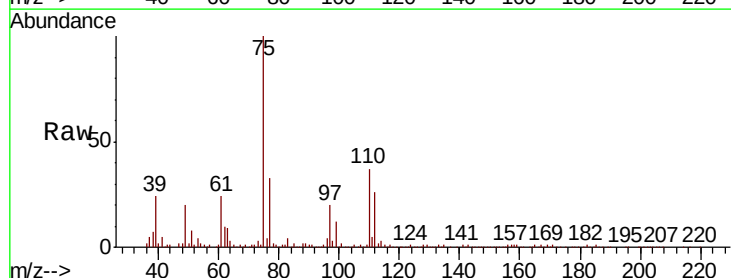
Acq: 29 Oct 2018 18:17

Tgt Ion: 75 Resp: 82461

Ion Ratio Lower Upper

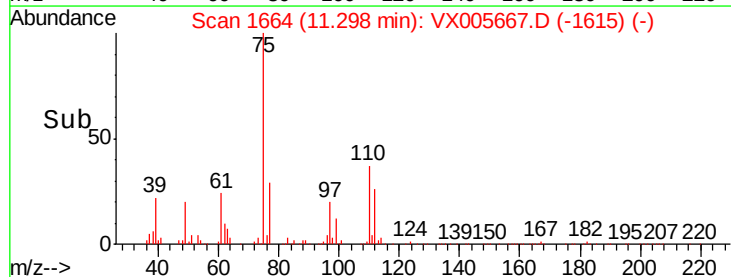
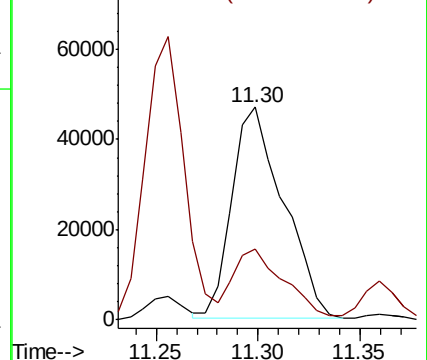
75 100

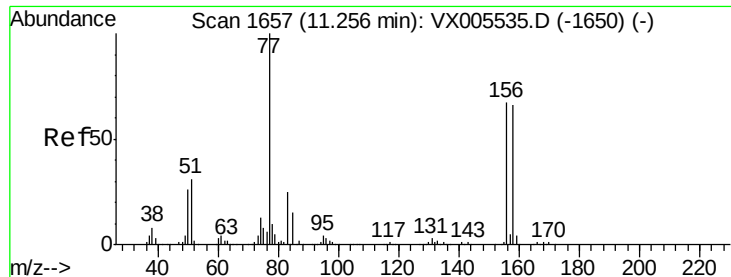
77 31.9 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.317 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

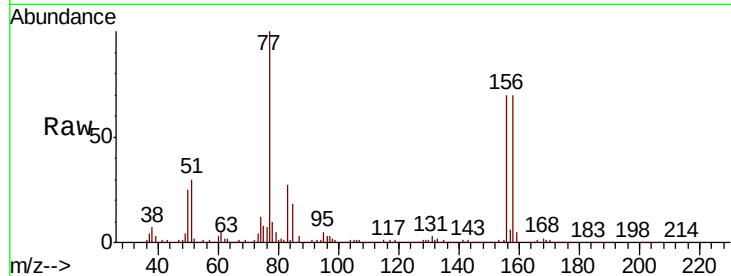
Tot Ion:156 Resp: 57050

Ion Ratio Lower Upper

156 100

77 146.0 74.8 224.4

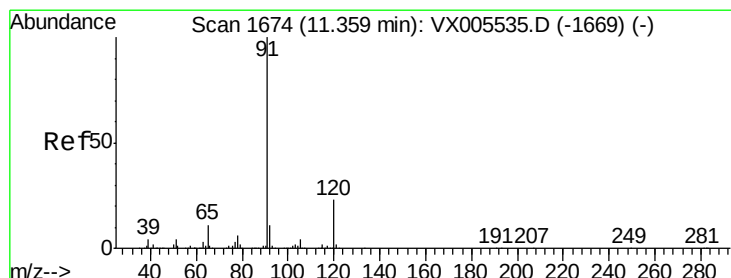
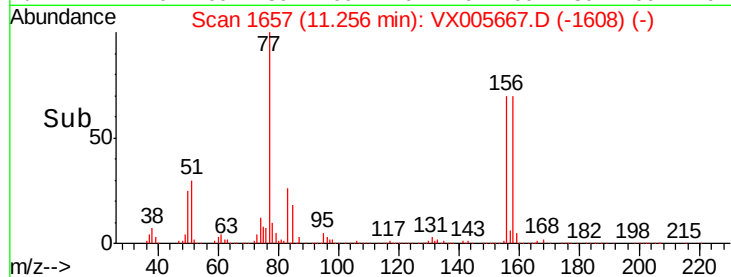
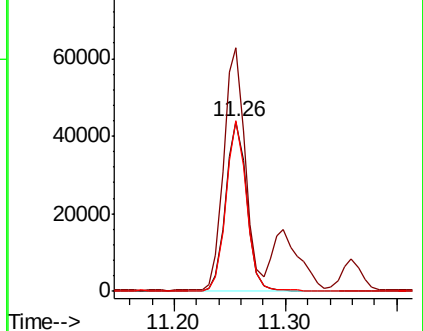
158 97.2 49.1 147.3



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: 19.321 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005667.D

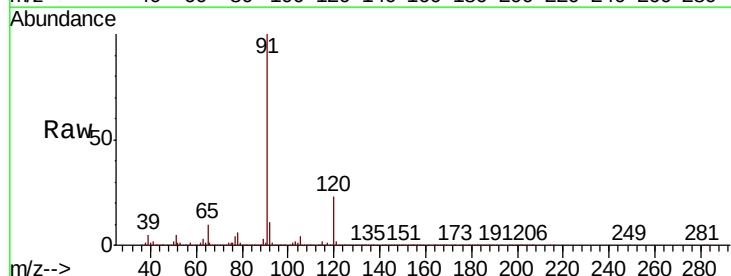
Acq: 29 Oct 2018 18:17

Tgt Ion: 91 Resp: 246904

Ion Ratio Lower Upper

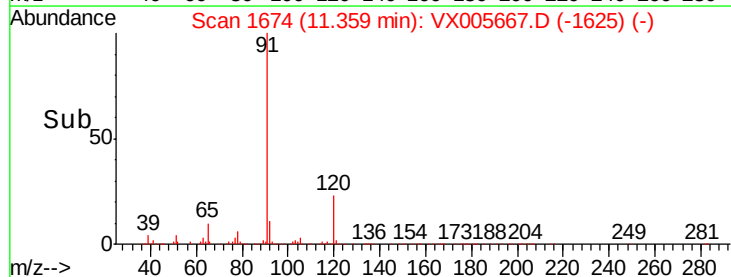
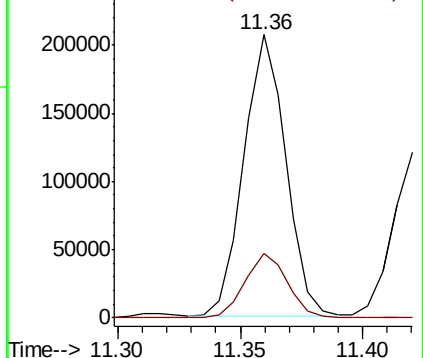
91 100

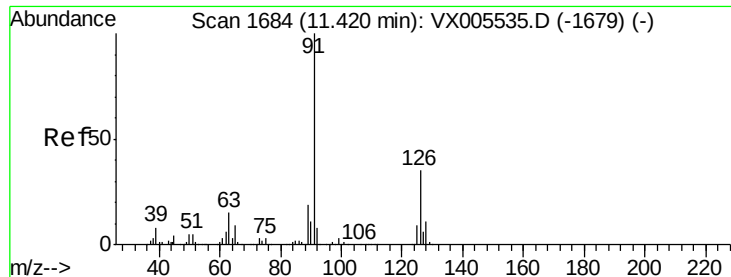
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.191 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

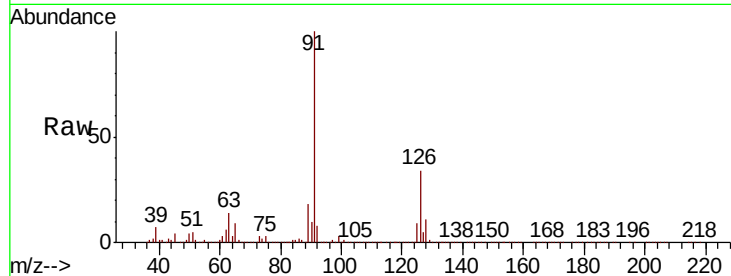
VX1029MBS01

Tot Ion: 91 Resp: 144136

Ion Ratio Lower Upper

91 100

126 35.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005535.D (-1679) (-)

200000

150000

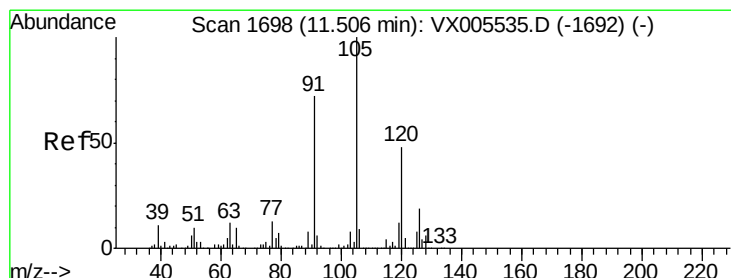
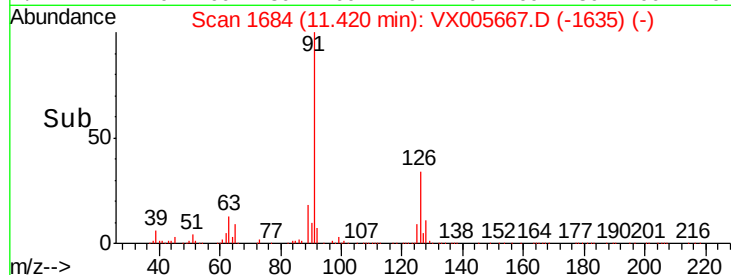
100000

50000

0

11.35 11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.942 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005667.D

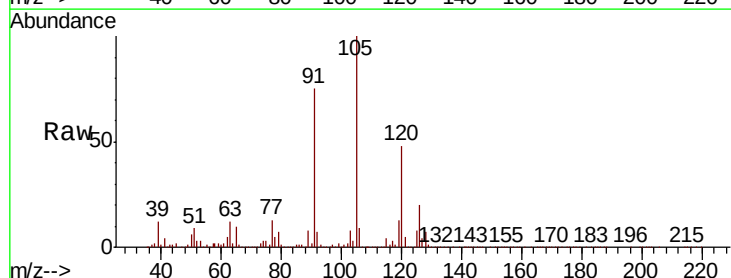
Acq: 29 Oct 2018 18:17

Tgt Ion: 105 Resp: 181094

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005535.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005535.D (-1692) (-)

150000

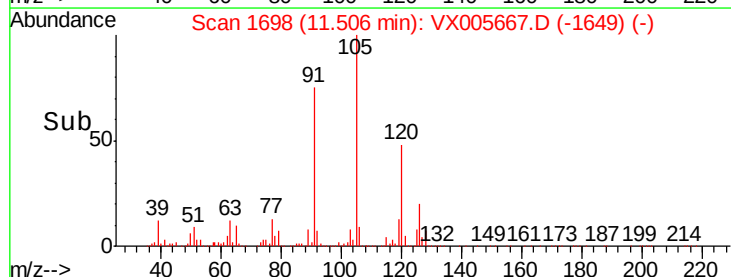
100000

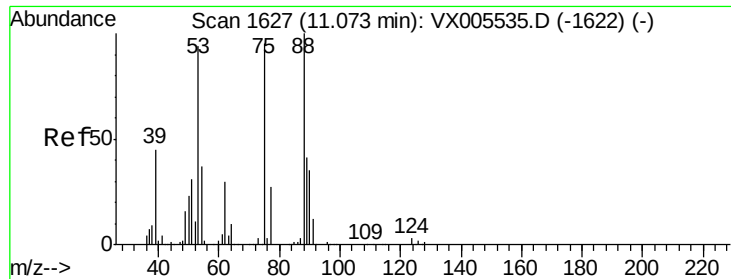
50000

0

11.45 11.50 11.55

Time-->

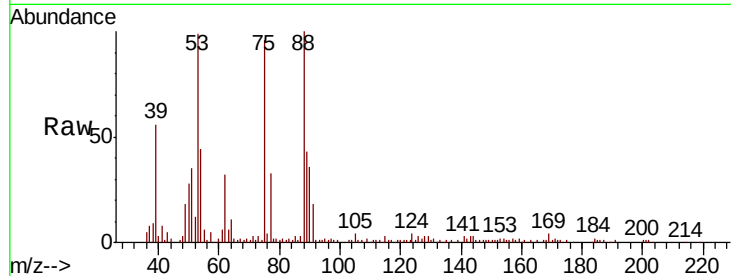




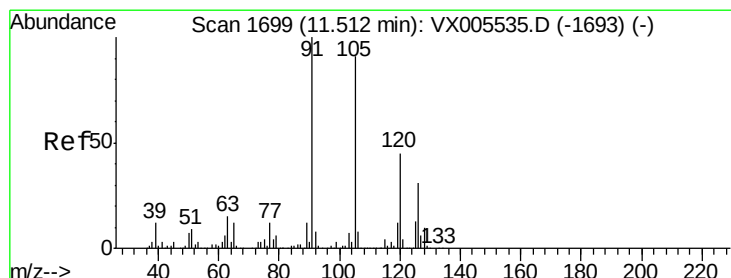
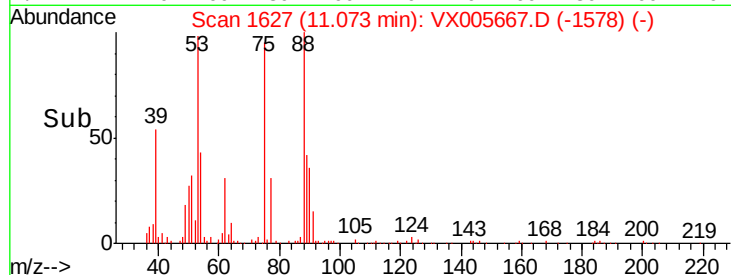
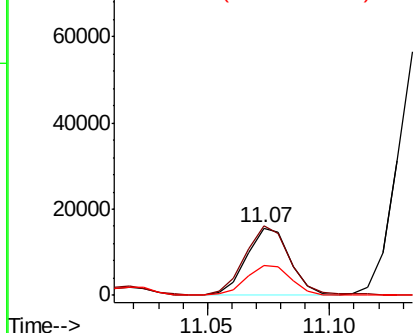
#81
trans-1,4-Dichloro-2-butene
Concen: 16.215 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

Tot Ion: 75 Resp: 19223
Ion Ratio Lower Upper
75 100
53 104.3 80.2 120.2
89 48.4 39.8 59.8

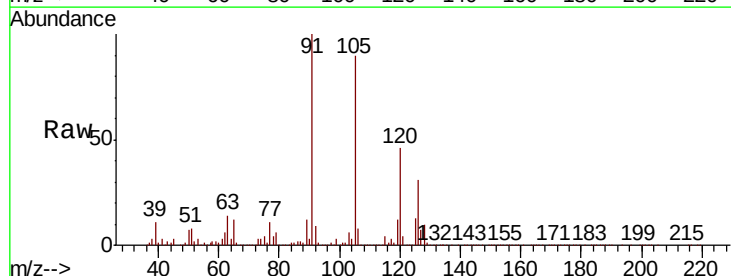


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

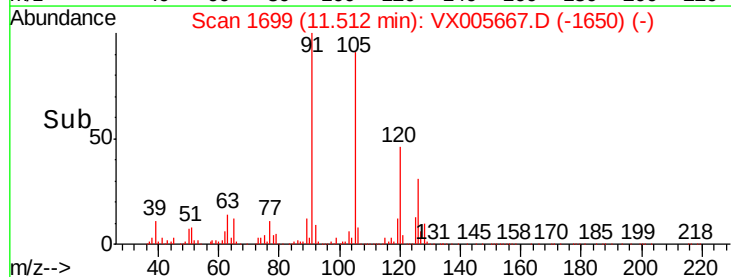
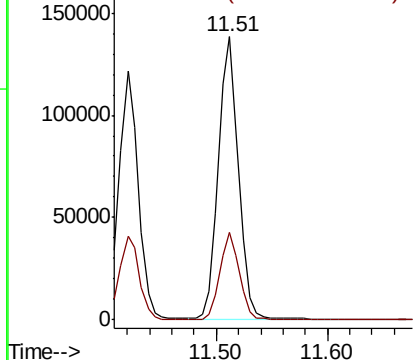


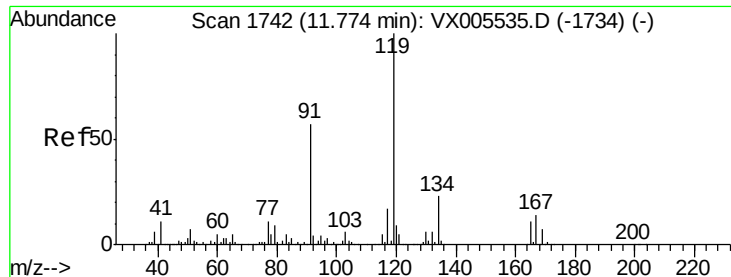
#82
4-Chlorotoluene
Concen: 18.373 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion: 91 Resp: 171657
Ion Ratio Lower Upper
91 100
126 30.2 15.2 45.6



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

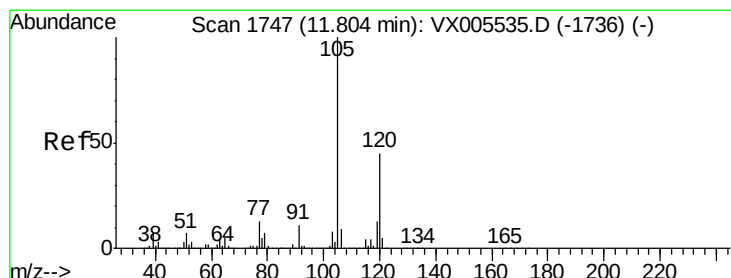
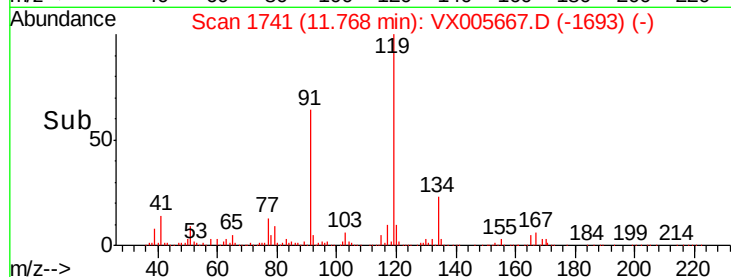
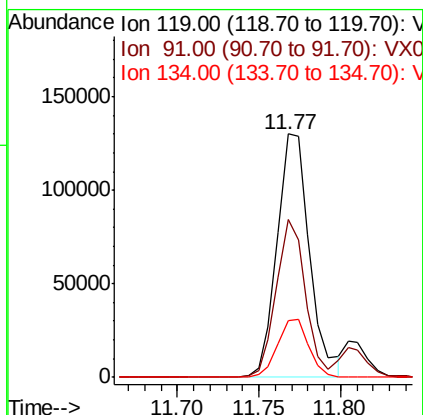
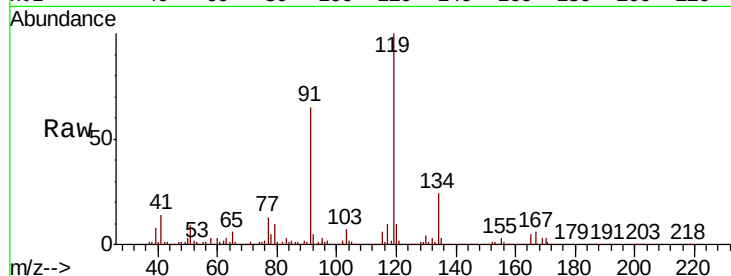




#83
tert-Butylbenzene
Concen: 18.972 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

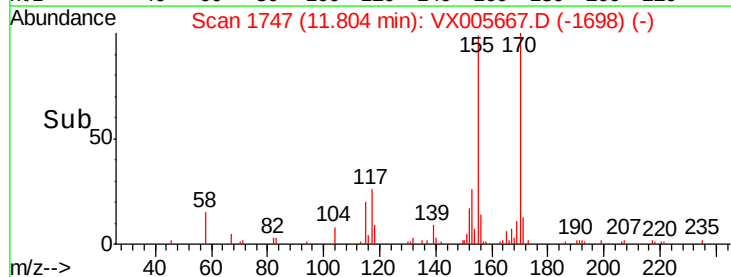
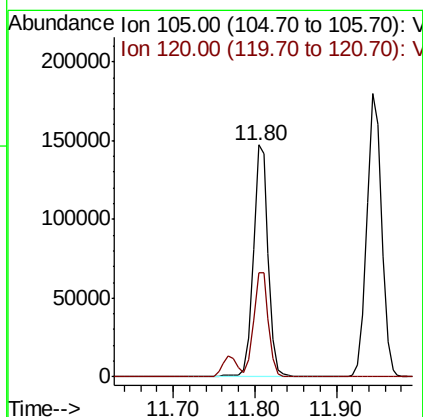
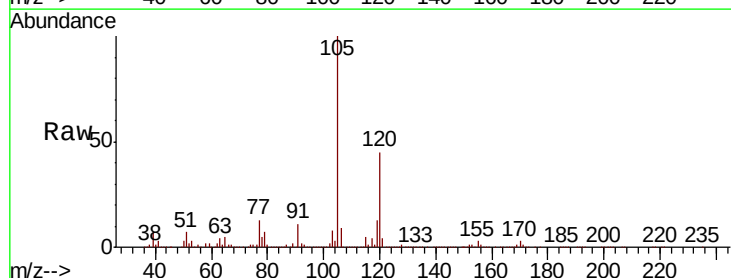
Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

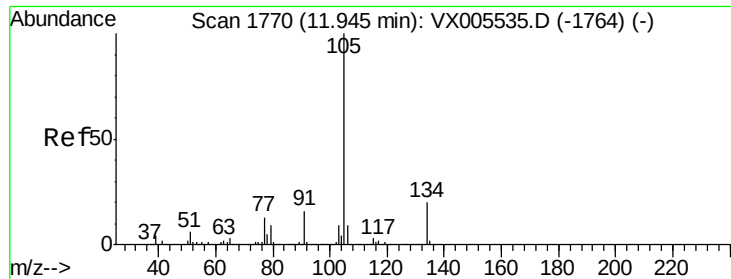
Tot Ion:119 Resp: 180802
Ion Ratio Lower Upper
119 100
91 57.9 28.5 85.5
134 22.9 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 19.356 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion:105 Resp: 187549
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0

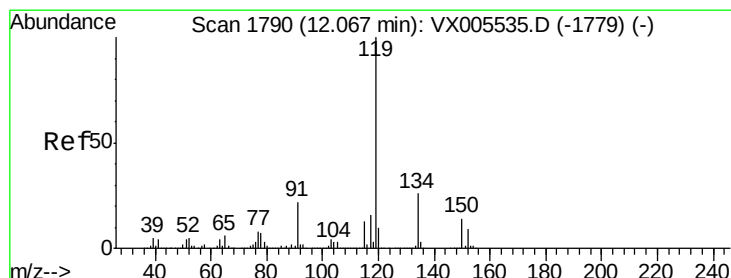
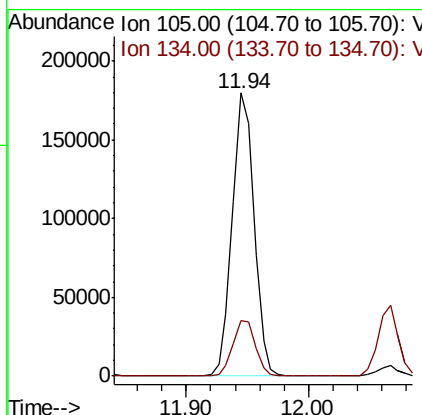
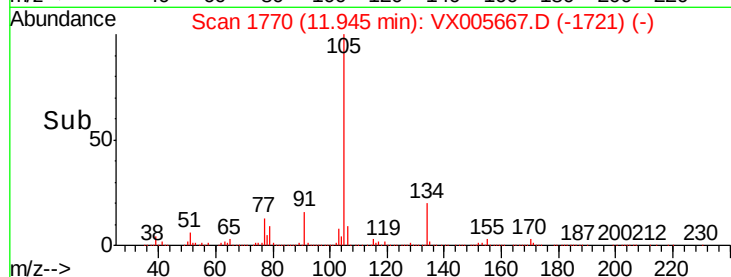
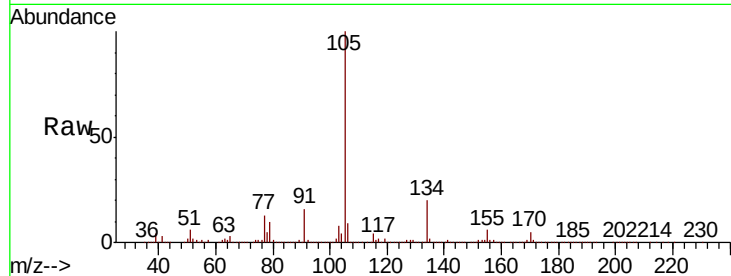




#85
 sec-Butylbenzene
 Concen: 19.406 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

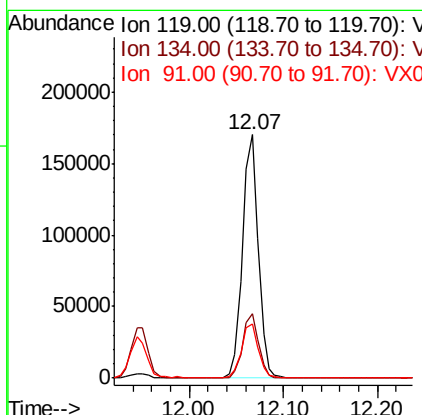
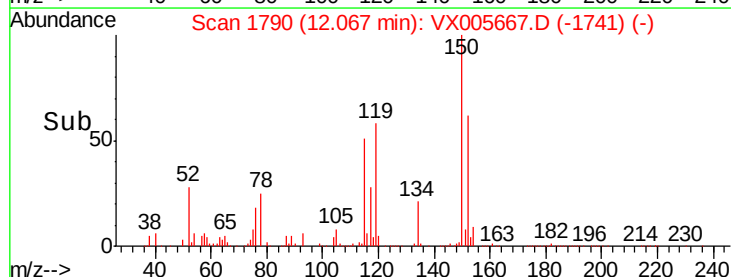
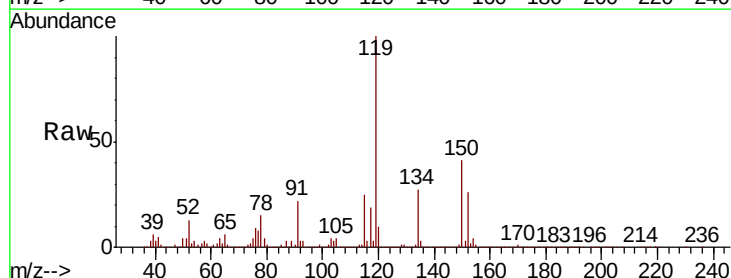
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

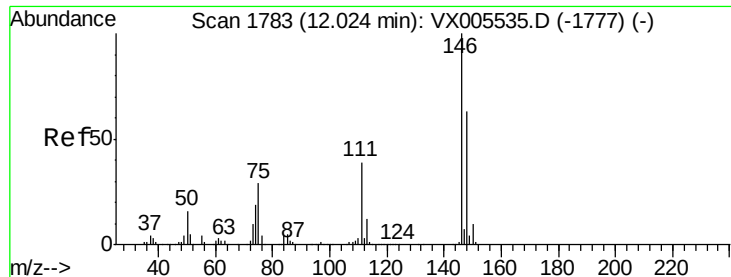
Tot Ion:105 Resp: 220668
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.517 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion:119 Resp: 198397
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 23.2 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 18.069 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

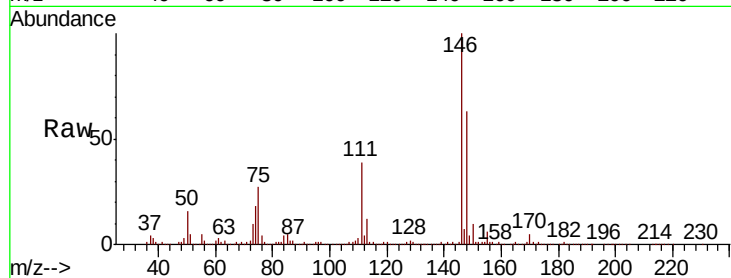
Tot Ion:146 Resp: 105828

Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

148 63.8 31.9 95.9

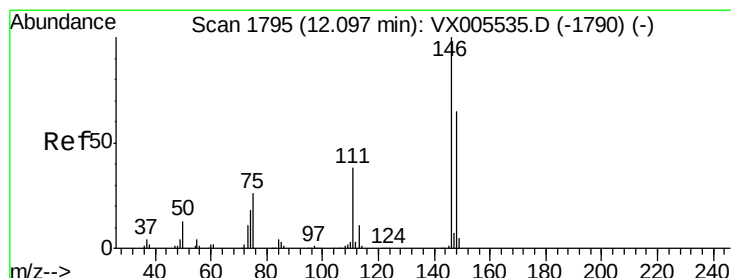
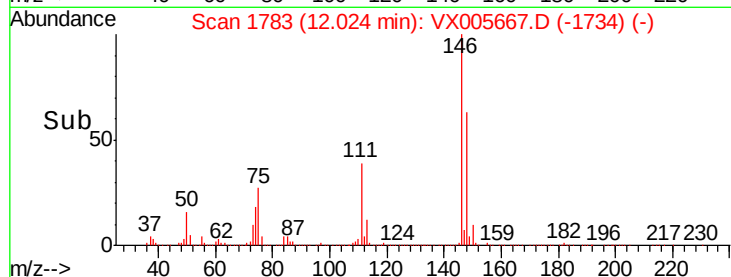
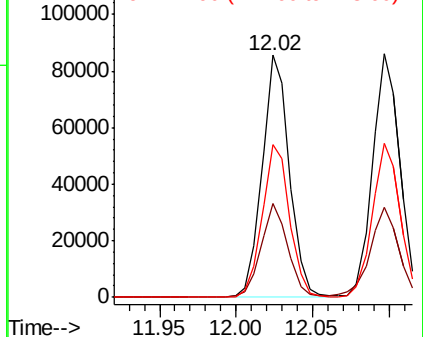


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.449 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

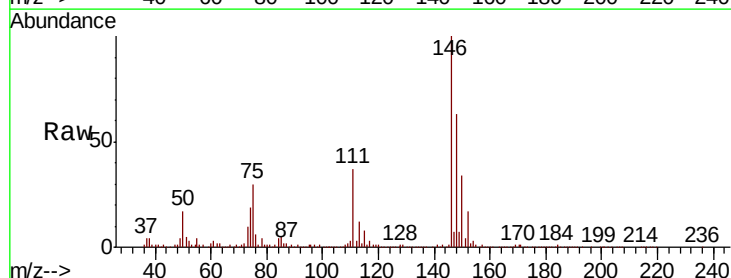
Tgt Ion:146 Resp: 106673

Ion Ratio Lower Upper

146 100

111 38.2 18.6 55.8

148 64.6 32.1 96.3

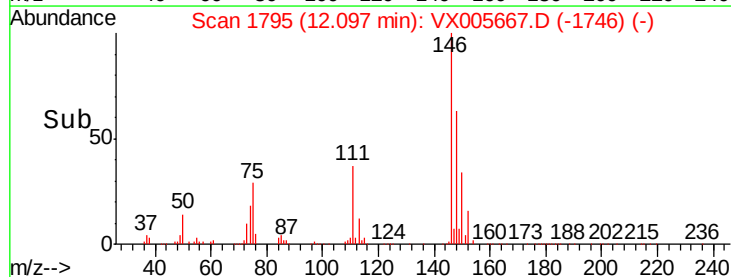
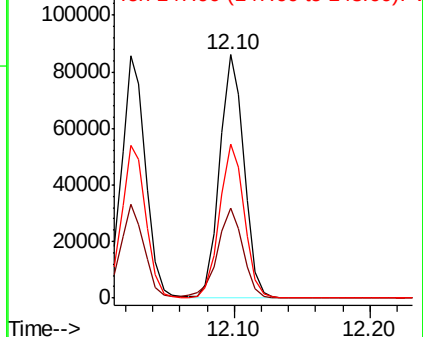


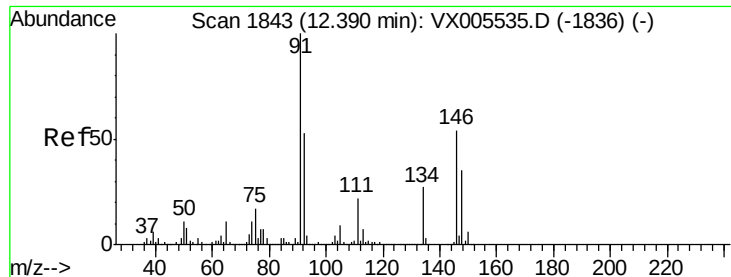
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

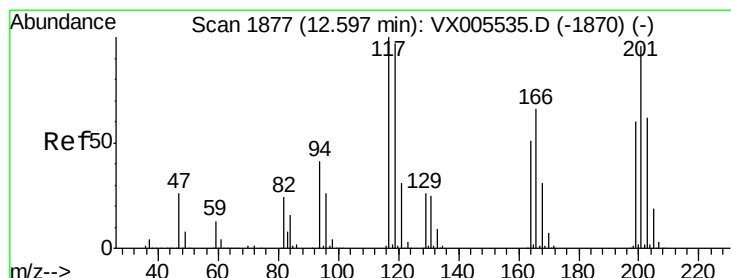
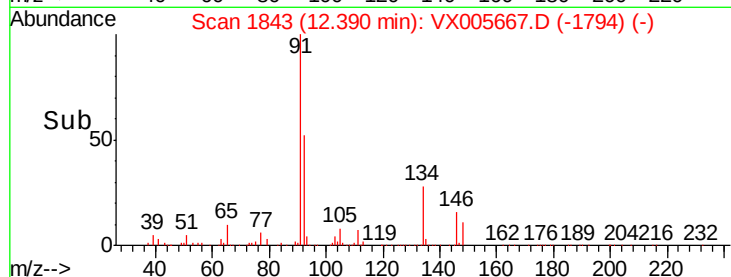
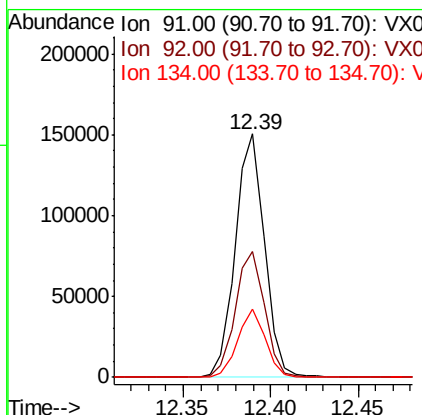
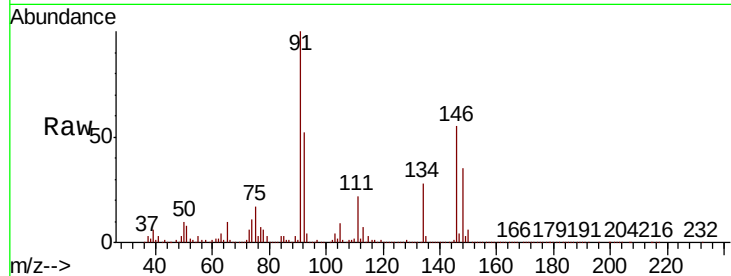




#89
n-Butylbenzene
Concen: 18.892 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

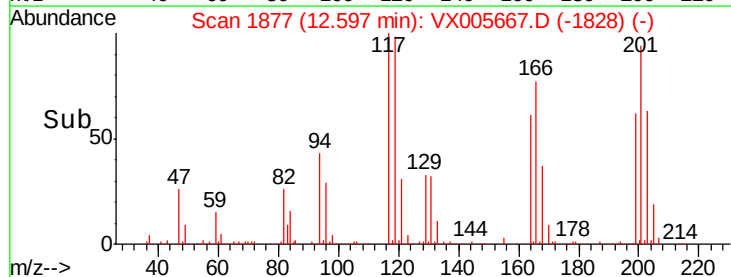
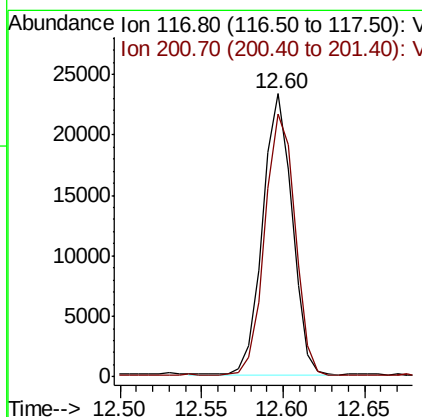
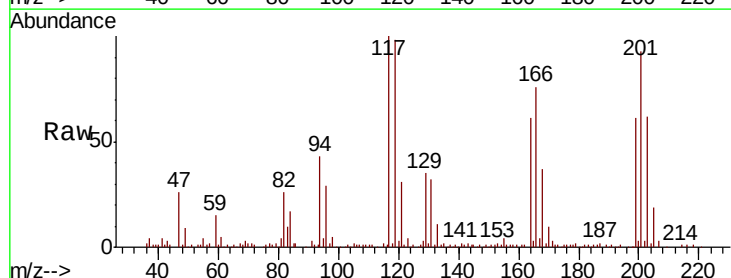
Instrument :
MSVOA_X
ClientSampleId :
VX1029MBS01

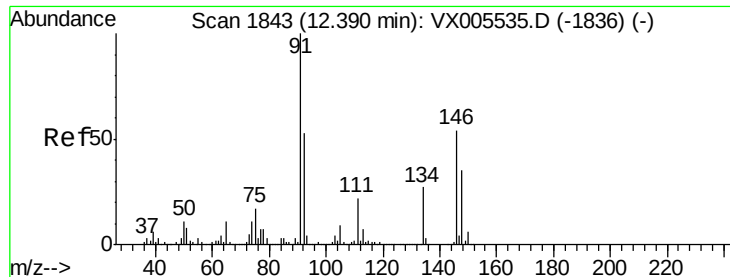
Tot Ion: 91 Resp: 173367
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 27.0 13.1 39.3



#90
Hexachloroethane
Concen: 16.600 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005667.D
Acq: 29 Oct 2018 18:17

Tgt Ion: 117 Resp: 29103
Ion Ratio Lower Upper
117 100
201 95.6 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 17.768 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

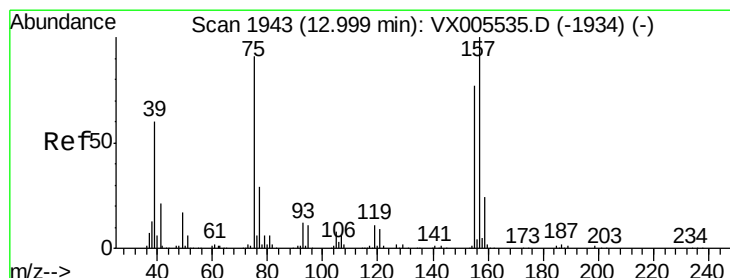
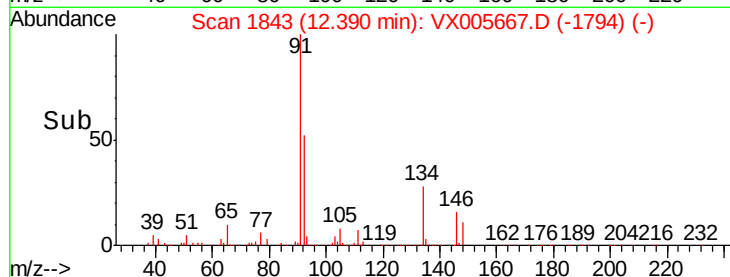
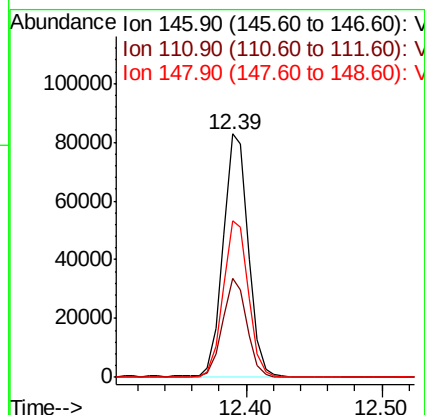
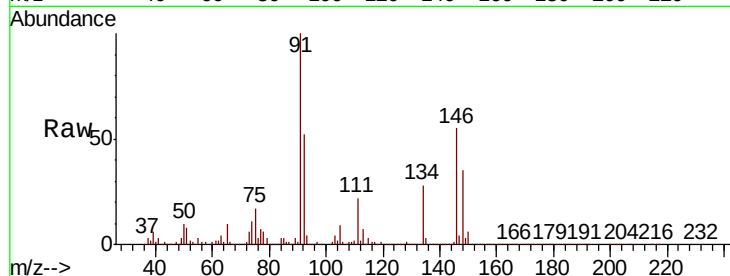
Tot Ion:146 Resp: 105288

Ion Ratio Lower Upper

146 100

111 39.1 20.0 59.9

148 64.6 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.313 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

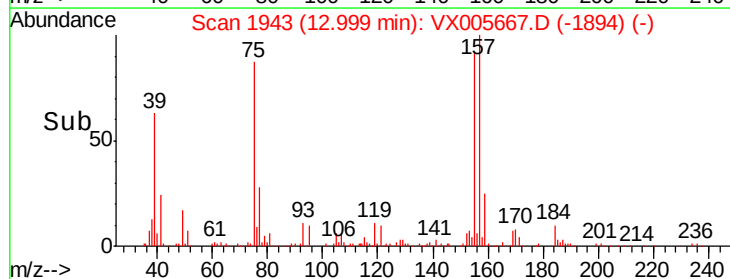
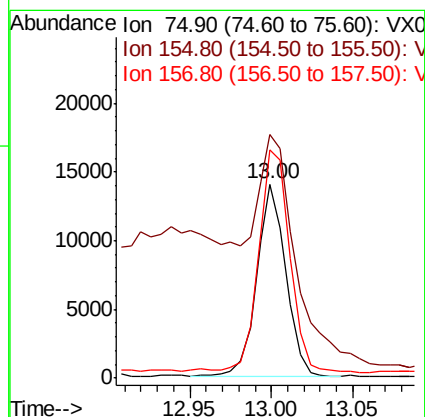
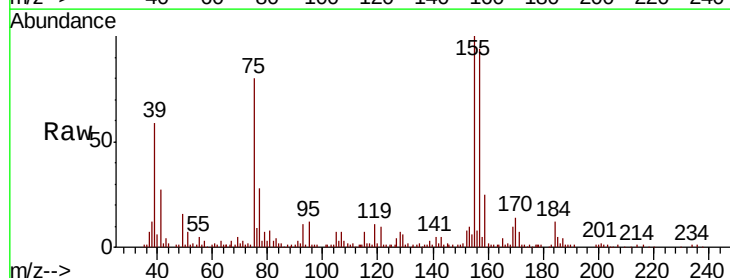
Tgt Ion: 75 Resp: 17260

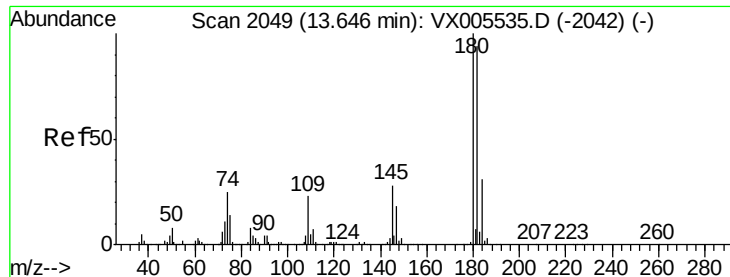
Ion Ratio Lower Upper

75 100

155 177.9 45.4 136.1#

157 124.7 57.4 172.0

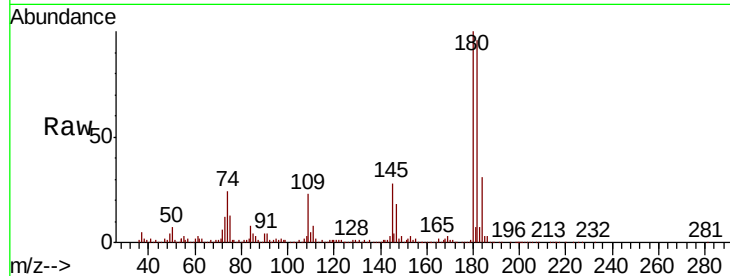




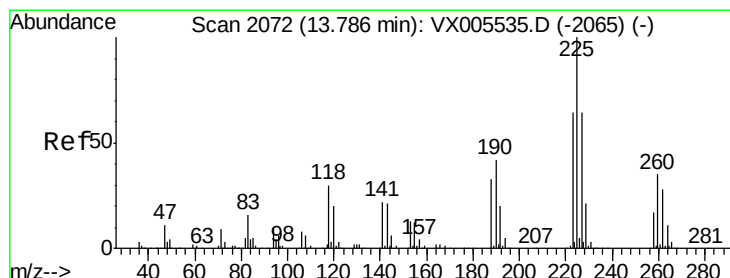
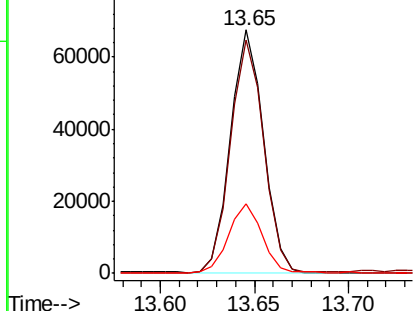
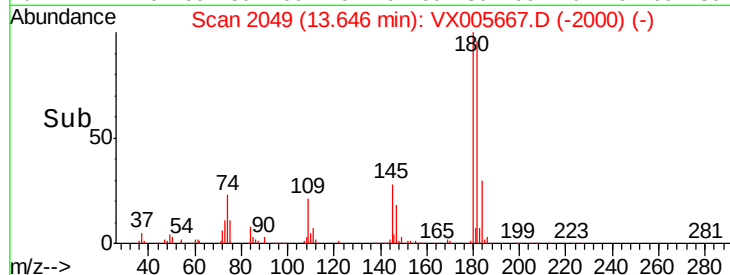
#93
 1,2,4-Trichlorobenzene
 Concen: 19.101 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBS01

Tot Ion:180 Resp: 82049
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.6 142.8
 145 28.4 14.1 42.2

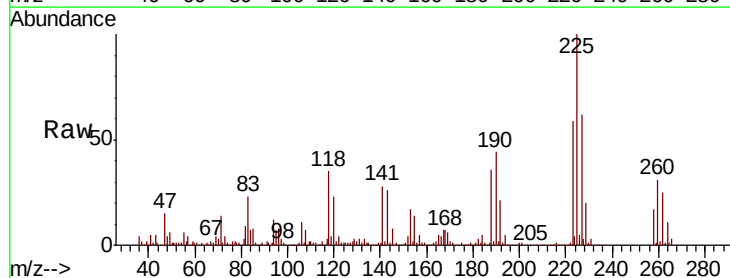


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

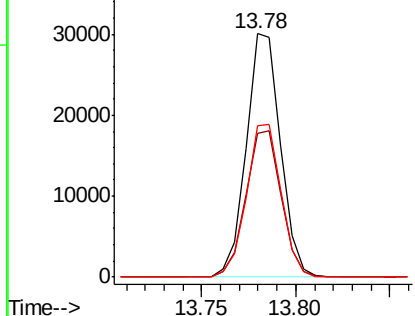
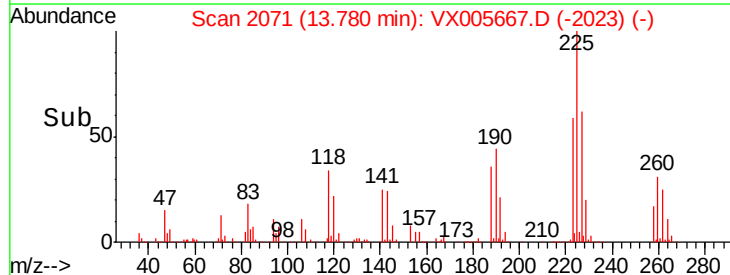


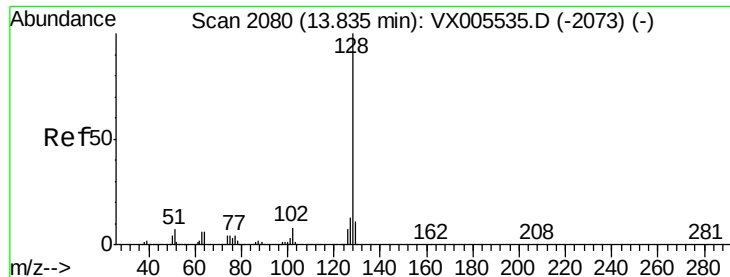
#94
 Hexachlorobutadiene
 Concen: 16.962 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005667.D
 Acq: 29 Oct 2018 18:17

Tgt Ion:225 Resp: 37757
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.7 95.1
 227 63.9 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.356 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBS01

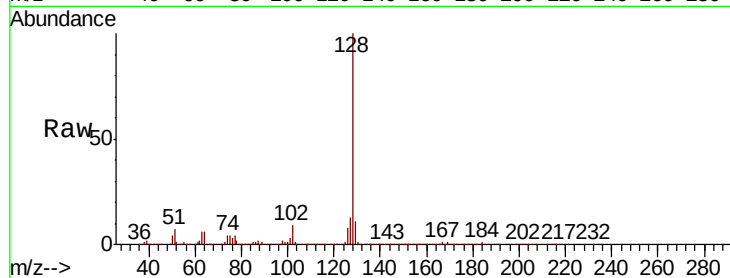
Tot Ion:128 Resp: 254162

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

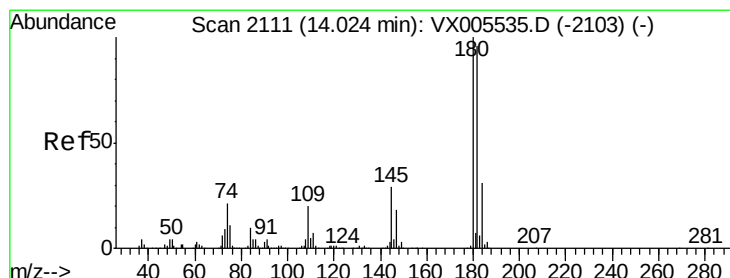
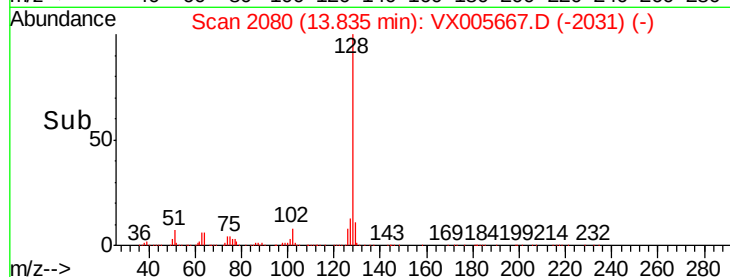
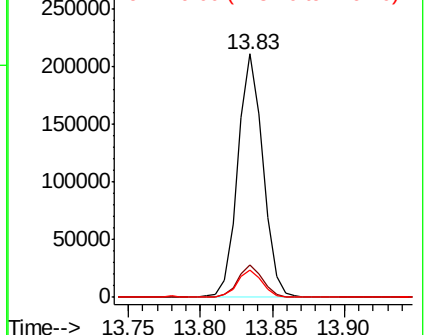
129 10.8 8.7 13.1



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: 19.385 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005667.D

Acq: 29 Oct 2018 18:17

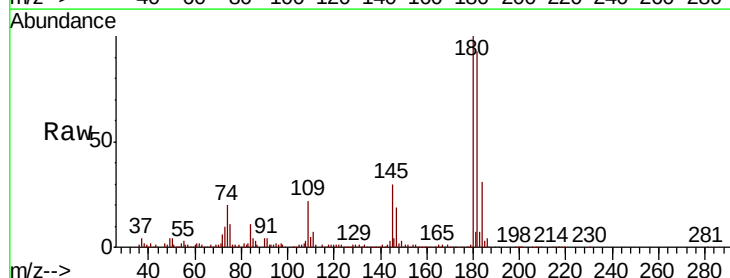
Tgt Ion:180 Resp: 84409

Ion Ratio Lower Upper

180 100

182 92.2 48.0 144.2

145 30.5 15.1 45.3



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

