

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003241.D
 Acq On : 09 Jul 2018 12:16
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 09 15:01:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204387	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	81412	23.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.18%	
35) Dibromofluoromethane	5.51	113	68968	27.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.42%	
50) Toluene-d8	8.72	98	248234	26.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.64%	
62) 4-Bromofluorobenzene	11.14	95	89417	25.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	81398	32.12	ug/l	99
3) Chloromethane	1.32	50	69627	26.17	ug/l	100
4) Vinyl Chloride	1.40	62	71093	24.64	ug/l	99
5) Bromomethane	1.64	94	26050	14.62	ug/l	99
6) Chloroethane	1.72	64	39939	20.81	ug/l	97
7) Trichlorofluoromethane	1.93	101	107879	22.17	ug/l	100
8) Diethyl Ether	2.19	74	37879	21.41	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61266	21.72	ug/l	94
10) Methyl Iodide	2.51	142	52464	19.96	ug/l	96
11) Tert butyl alcohol	3.08	59	78818	112.20	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56386	22.41	ug/l	92
13) Acrolein	2.29	56	59820	143.42	ug/l	99
14) Allyl chloride	2.73	41	107947	21.76	ug/l	94
15) Acrylonitrile	3.15	53	162016	107.97	ug/l	99
16) Acetone	2.45	43	146642	100.41	ug/l	95
17) Carbon Disulfide	2.57	76	154032	22.98	ug/l	99
18) Methyl Acetate	2.78	43	83793	20.52	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	187998	20.78	ug/l	99
20) Methylene Chloride	2.86	84	62397	21.96	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	60522	22.08	ug/l	96
22) Diisopropyl ether	3.88	45	209639	22.11	ug/l	99
23) Vinyl Acetate	3.83	43	913780	113.82	ug/l	98
24) 1,1-Dichloroethane	3.70	63	110159	21.38	ug/l	99
25) 2-Butanone	4.71	43	250408	115.53	ug/l	97
26) 2,2-Dichloropropane	4.59	77	92755	22.14	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	70182	22.84	ug/l	99
28) Bromochloromethane	5.02	49	57334	23.24	ug/l	90
29) Tetrahydrofuran	5.17	42	160131	115.21	ug/l	97
30) Chloroform	5.22	83	120098	22.71	ug/l	100
31) Cyclohexane	5.57	56	102822	23.25	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	107552	23.11	ug/l	98
36) 1,1-Dichloropropene	5.80	75	86037	24.51	ug/l	97
37) Ethyl Acetate	4.87	43	95636	25.31	ug/l	98
38) Carbon Tetrachloride	5.79	117	96652	25.09	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100738	24.64	ug/l	97
40) Benzene	6.15	78	262562	25.74	ug/l	99
41) Methacrylonitrile	5.07	41	53242	24.46	ug/l	96
42) 1,2-Dichloroethane	6.20	62	97005	23.55	ug/l	98
43) Isopropyl Acetate	6.47	43	149129	23.53	ug/l	97
44) Trichloroethene	7.21	130	76585	25.19	ug/l	99
45) 1,2-Dichloropropane	7.52	63	67511	24.95	ug/l	99
46) Dibromomethane	7.67	93	45975	24.49	ug/l	94
47) Bromodichloromethane	7.90	83	84569	24.37	ug/l	97
48) Methyl methacrylate	7.78	41	77066	23.60	ug/l	93
49) 1,4-Dioxane	7.76	88	32533	512.01	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	491694	123.99	ug/l	97
52) Toluene	8.79	92	166428	25.47	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	100324	25.52	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	90379	23.90	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	68409	25.48	ug/l	98
56) Ethyl methacrylate	9.18	69	93263	23.77	ug/l	92
57) 1,3-Dichloropropane	9.38	76	109564	24.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	242911	128.32	ug/l	97
59) 2-Hexanone	9.50	43	377154	125.14	ug/l	96
60) Dibromochloromethane	9.59	129	69917	24.74	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71749	25.48	ug/l	100
64) Tetrachloroethene	9.34	164	86677	26.76	ug/l	99
65) Chlorobenzene	10.14	112	190679	25.77	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	70614	26.27	ug/l	99
67) Ethyl Benzene	10.26	91	311771	25.51	ug/l	99
68) m/p-Xylenes	10.36	106	247167	52.47	ug/l	97
69) o-Xylene	10.70	106	119062	25.96	ug/l	96
70) Styrene	10.71	104	194584	26.11	ug/l	98
71) Bromoform	10.86	173	55185	26.12	ug/l	99
73) Isopropylbenzene	11.02	105	323022	23.49	ug/l	99
74) N-amyl acetate	6.47	43	149129	22.17	ug/l #	97
75) 1,1,1,2-Tetrachloroethane	11.27	83	98508	23.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112367	30.35	ug/l	80
77) Bromobenzene	11.26	156	90548	23.13	ug/l	95
78) n-propylbenzene	11.37	91	359023	22.94	ug/l	98
79) 2-Chlorotoluene	11.42	91	214651	22.65	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	269232	23.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	25433	23.30	ug/l	98
82) 4-Chlorotoluene	11.51	91	253412	22.59	ug/l	99
83) tert-Butylbenzene	11.77	119	265957	23.30	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	276956	23.08	ug/l	98
85) sec-Butylbenzene	11.95	105	316755	22.88	ug/l	98
86) p-Isopropyltoluene	12.07	119	285788	22.96	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	162744	22.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166593	22.64	ug/l	99
89) n-Butylbenzene	12.39	91	232055	21.42	ug/l	99
90) Hexachloroethane	12.60	117	41278	22.29	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	166472	23.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20552	21.58	ug/l	89

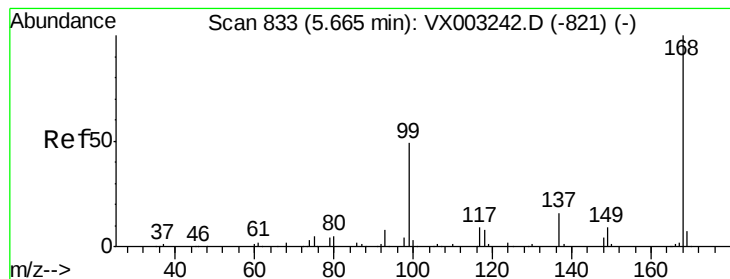
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
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Quant Title : SW846 8260
QLast Update : Mon Jul 09 14:57:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123364	23.48	ug/l	100
94) Hexachlorobutadiene	13.79	225	61133	23.33	ug/l	99
95) Naphthalene	13.84	128	336331	24.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	123160	23.47	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

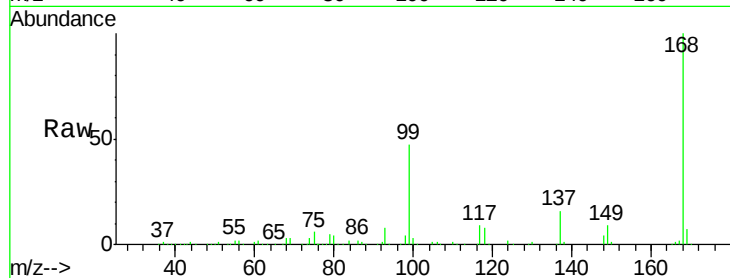
VSTDIC020

Tot Ion:168 Resp: 255134

Ion Ratio Lower Upper

168 100

99 47.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

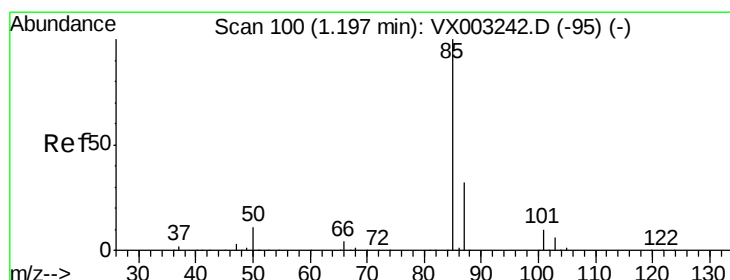
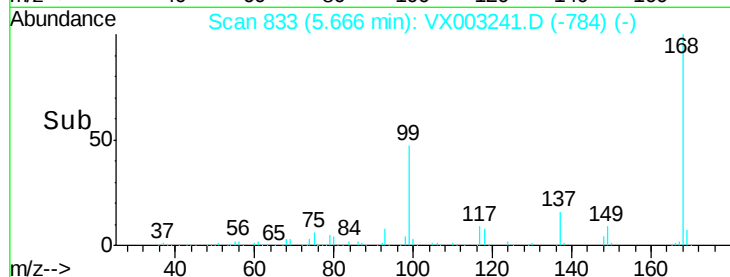
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 32.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003241.D

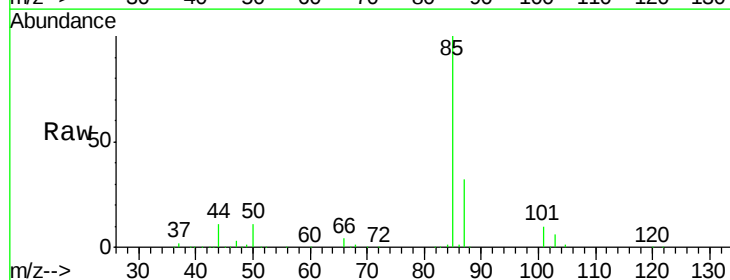
Acq: 09 Jul 2018 12:16

Tgt Ion: 85 Resp: 81398

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

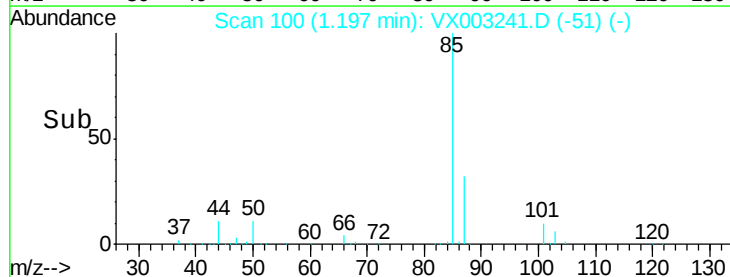
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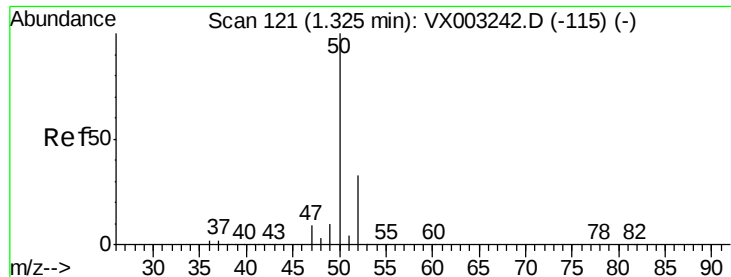
20000

0

Time-->

1.15 1.20 1.25 1.30

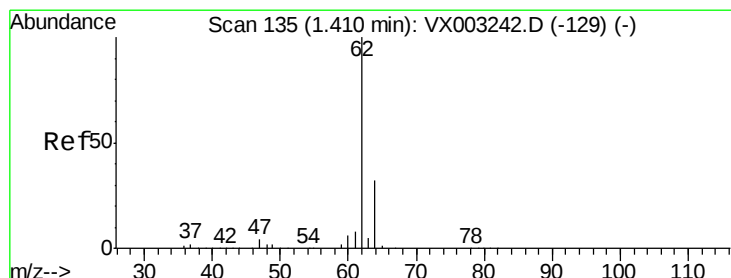
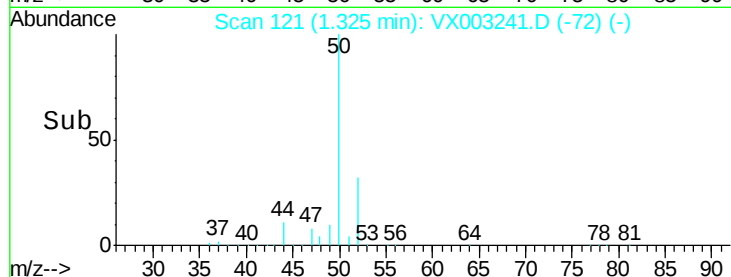
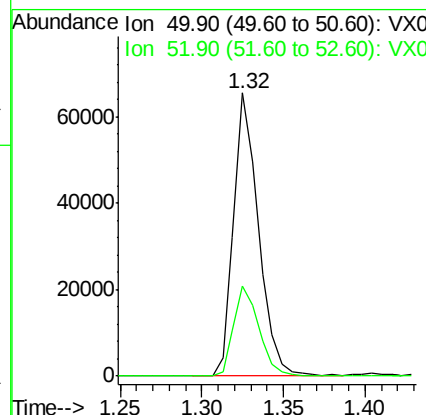
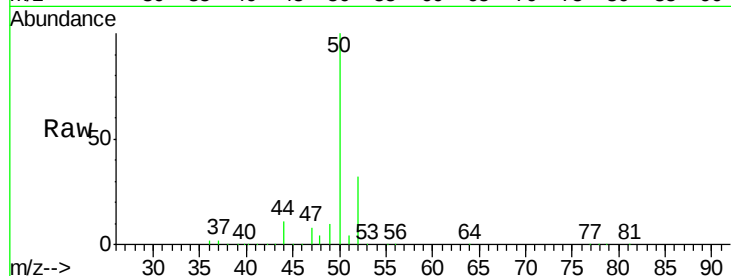




#3
Chloromethane
Concen: 26.17 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

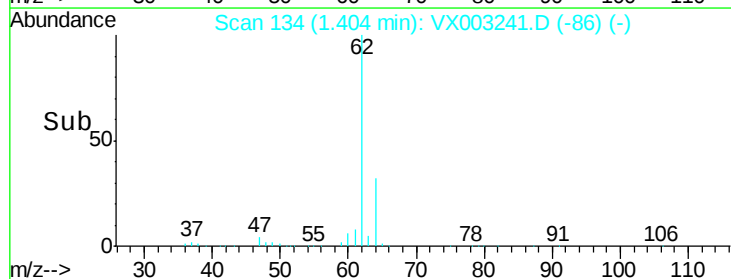
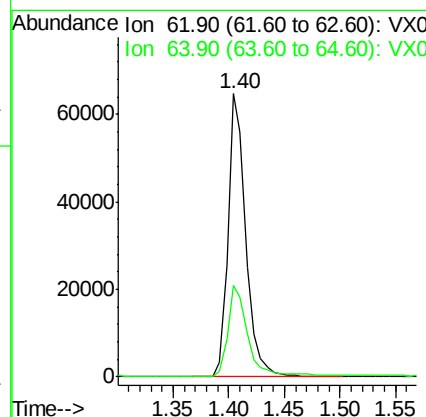
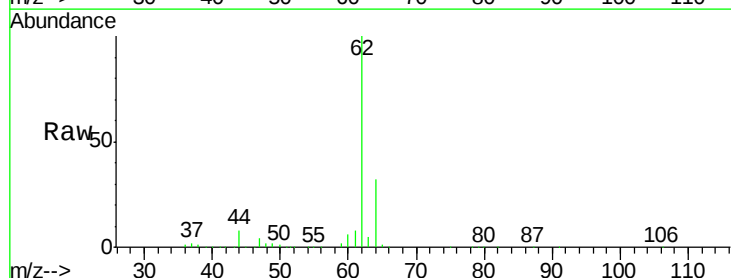
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

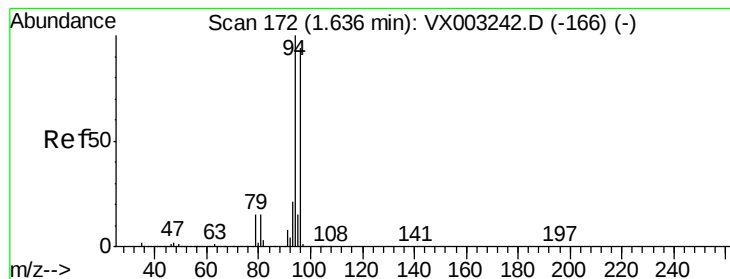
Tot Ion: 50 Resp: 69627
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5



#4
Vinyl Chloride
Concen: 24.64 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion: 62 Resp: 71093
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 14.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

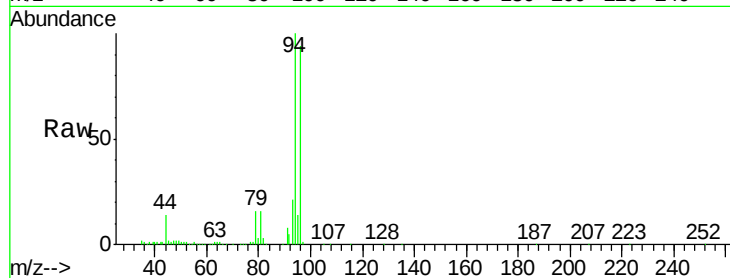
VSTDIC020

Tot Ion: 94 Resp: 26050

Ion Ratio Lower Upper

94 100

96 94.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

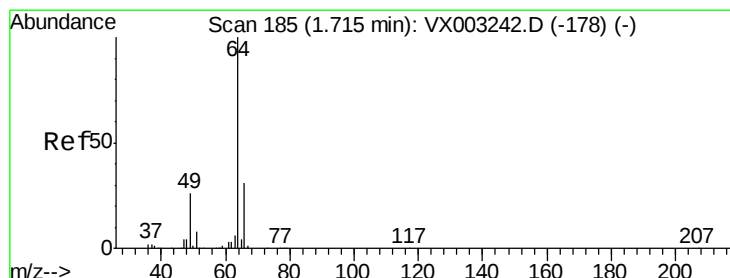
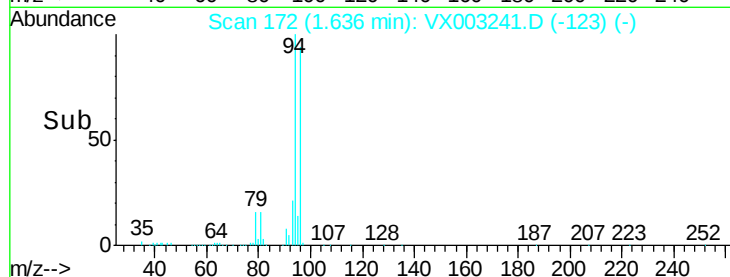
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.81 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003241.D

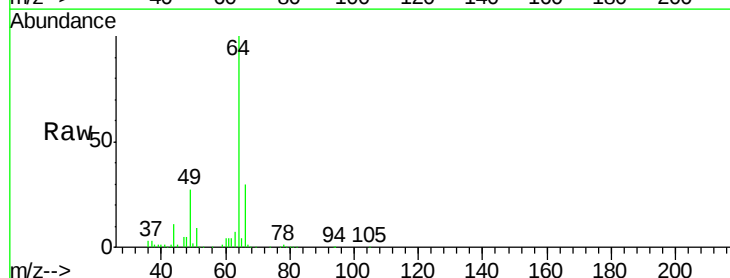
Acq: 09 Jul 2018 12:16

Tgt Ion: 64 Resp: 39939

Ion Ratio Lower Upper

64 100

66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

25000

20000

15000

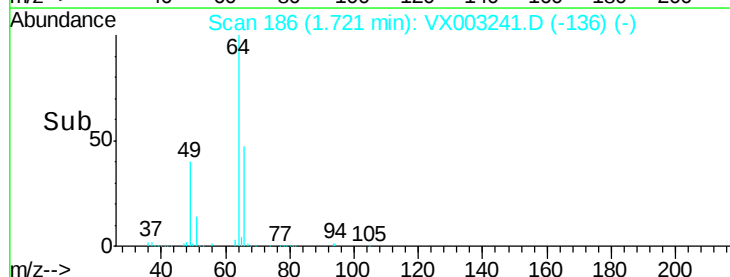
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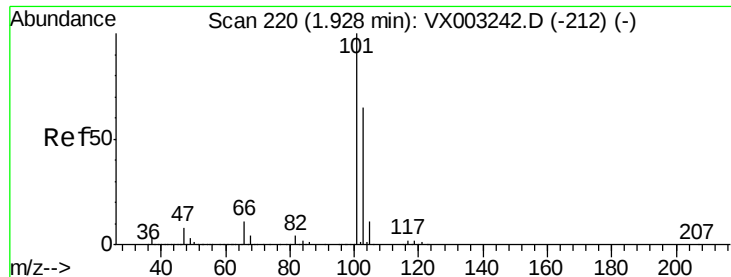
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85





#7

Trichlorofluoromethane

Concen: 22.17 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

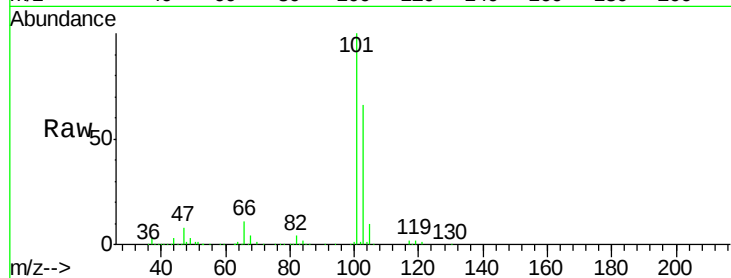
VSTDIC020

Tot Ion:101 Resp: 107879

Ion Ratio Lower Upper

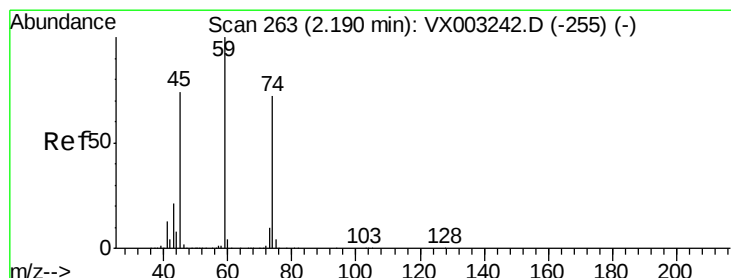
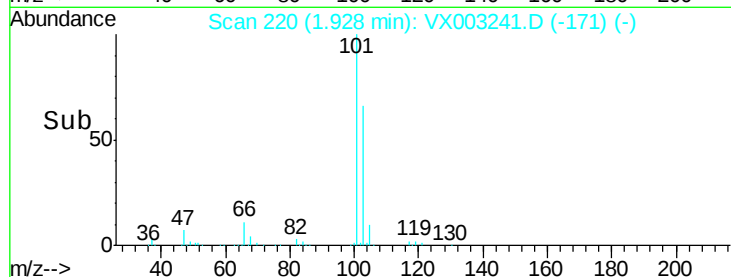
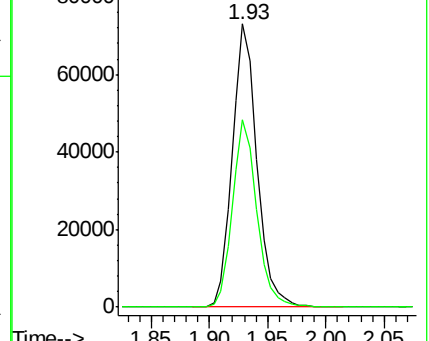
101 100

103 66.2 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.41 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003241.D

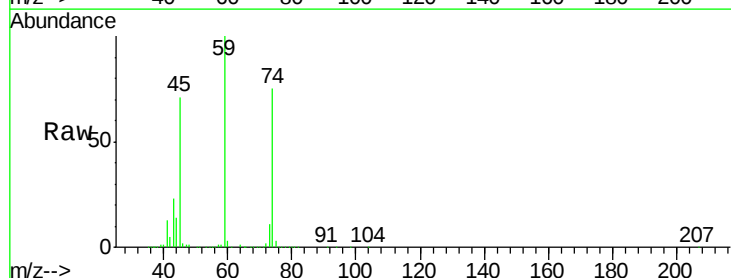
Acq: 09 Jul 2018 12:16

Tgt Ion: 74 Resp: 37879

Ion Ratio Lower Upper

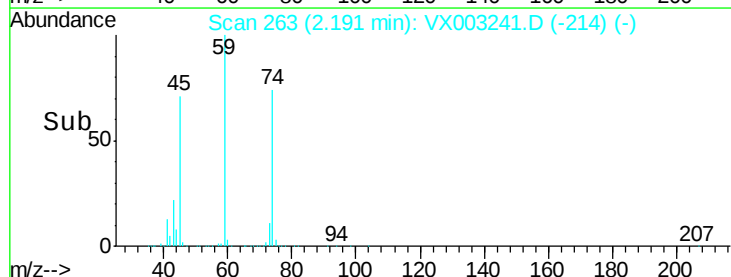
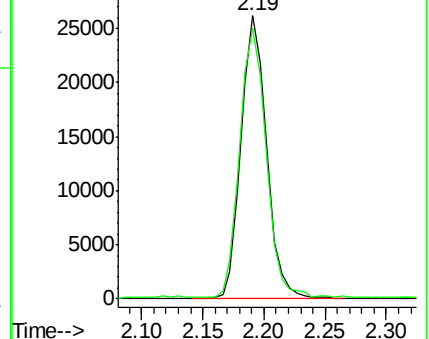
74 100

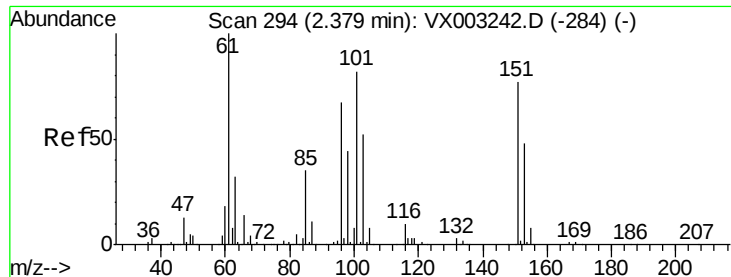
45 98.5 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.72 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

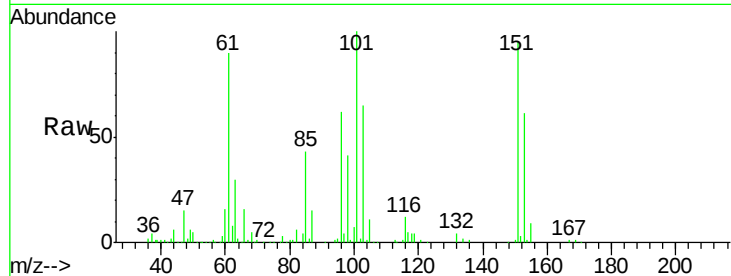
Tot Ion:101 Resp: 61266

Ion Ratio Lower Upper

101 100

85 43.0 36.0 54.0

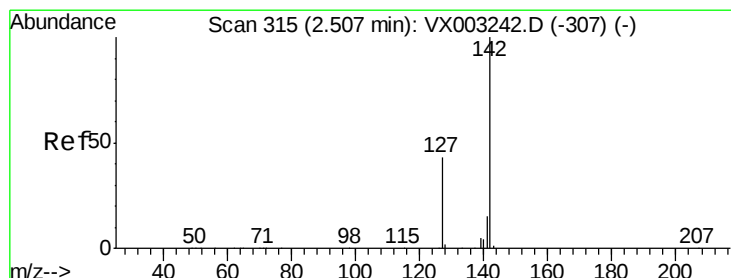
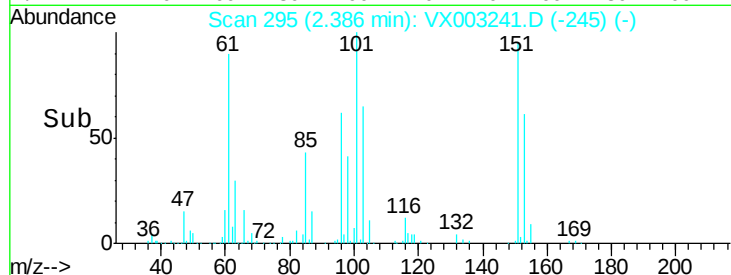
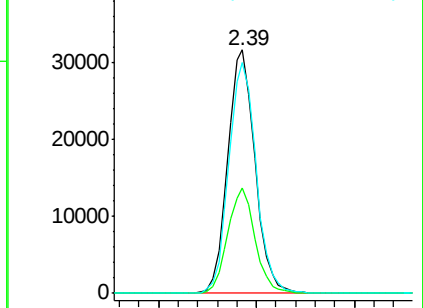
151 95.0 70.9 106.3



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: 19.96 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

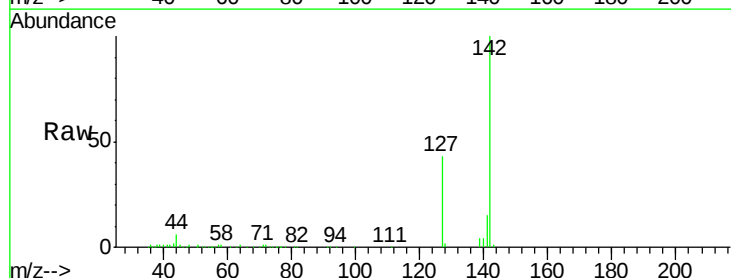
Tgt Ion:142 Resp: 52464

Ion Ratio Lower Upper

142 100

127 43.0 36.6 55.0

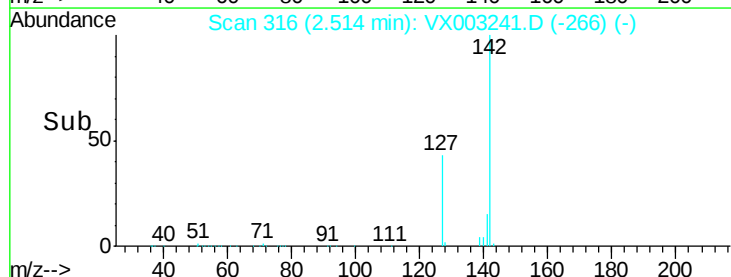
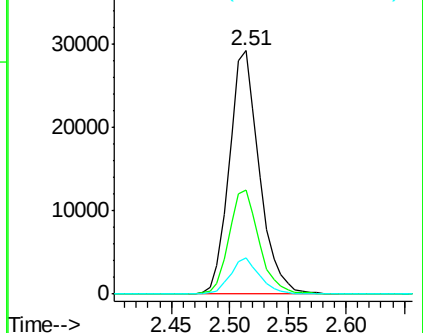
141 14.8 11.3 16.9

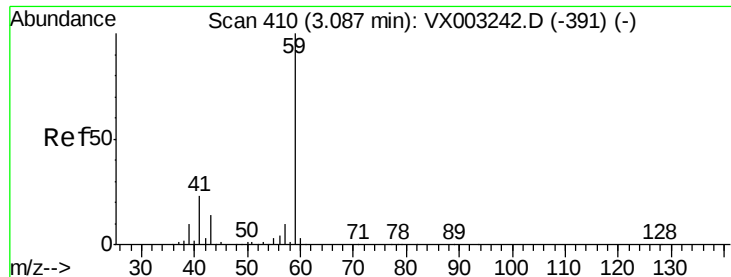


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



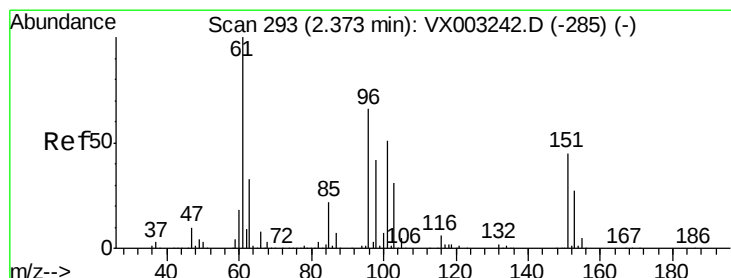
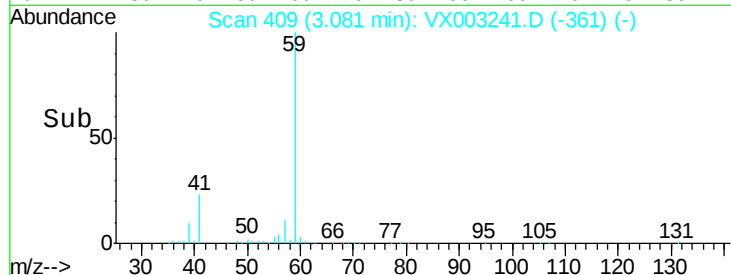
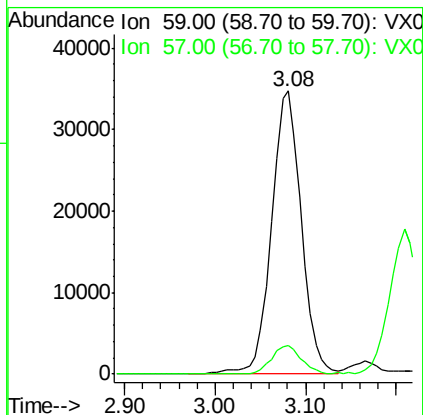
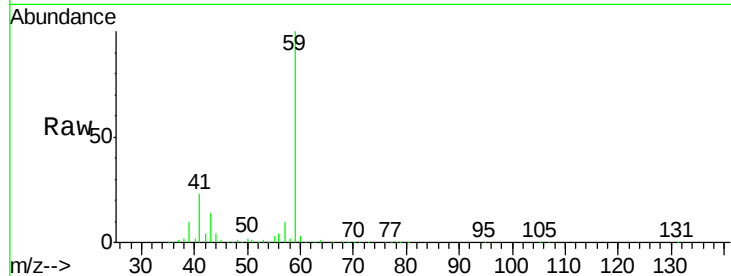


#11

Tert butyl alcohol
 Concen: 112.20 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

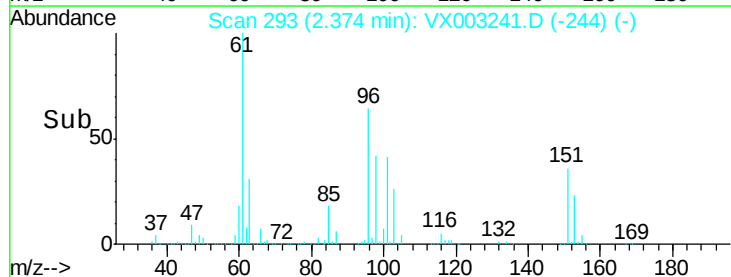
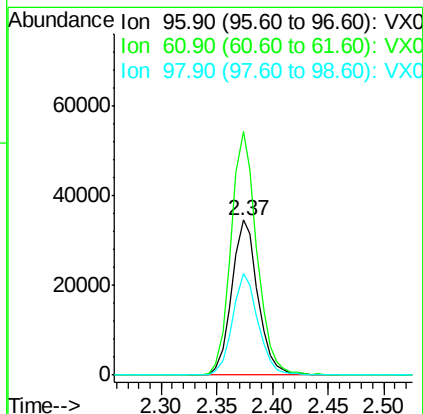
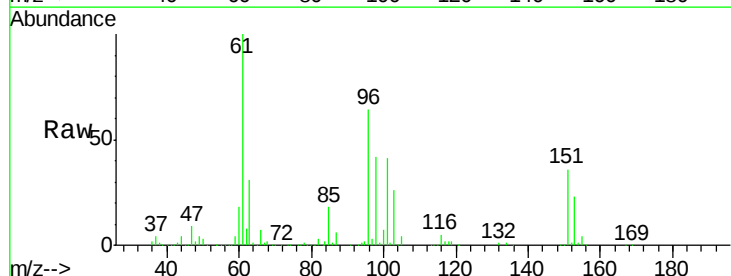
Tot Ion: 59 Resp: 78818
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

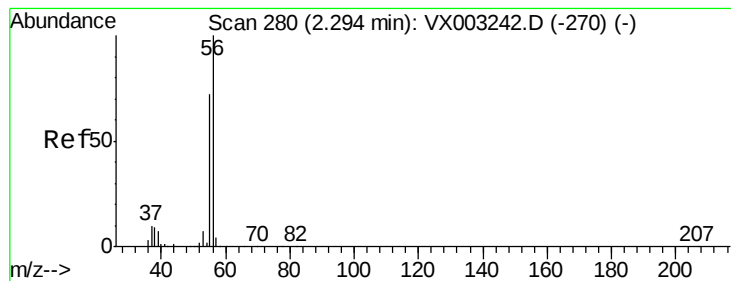


#12

1,1-Dichloroethene
 Concen: 22.41 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion: 96 Resp: 56386
 Ion Ratio Lower Upper
 96 100
 61 157.4 137.9 206.9
 98 65.9 51.6 77.4





#13

Acrolein

Concen: 143.42 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

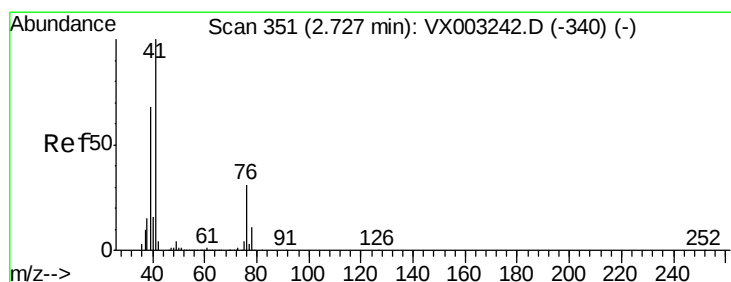
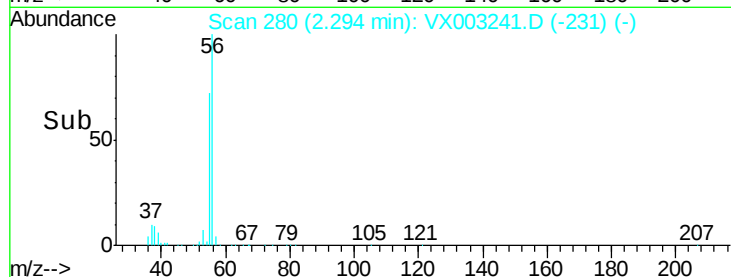
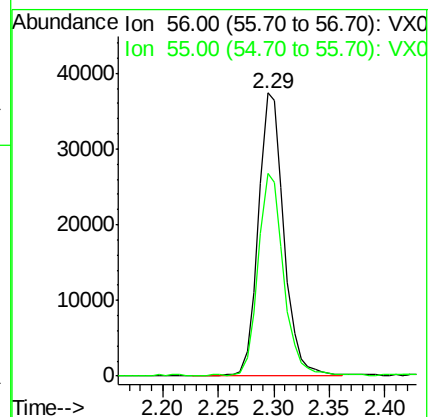
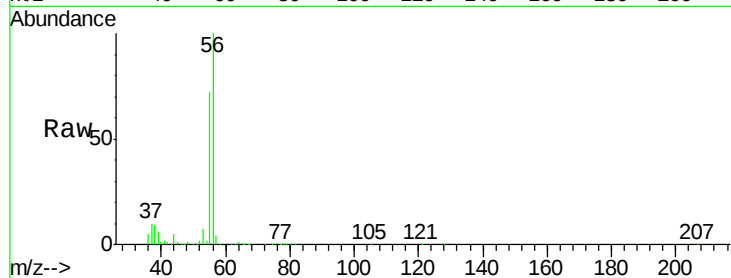
VSTDIC020

Tot Ion: 56 Resp: 59820

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 21.76 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

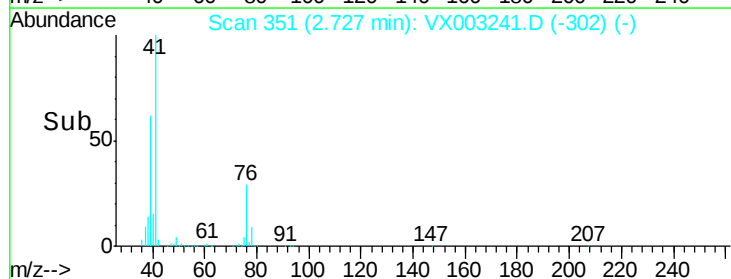
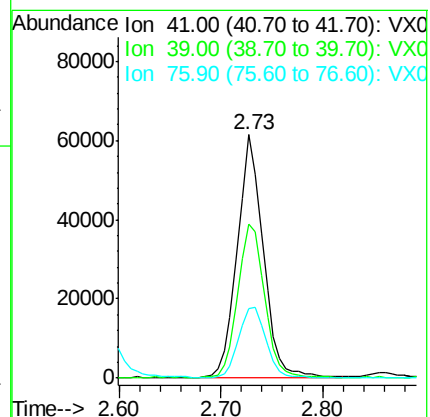
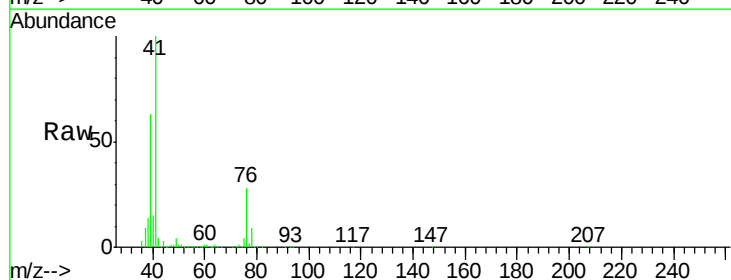
Tgt Ion: 41 Resp: 107947

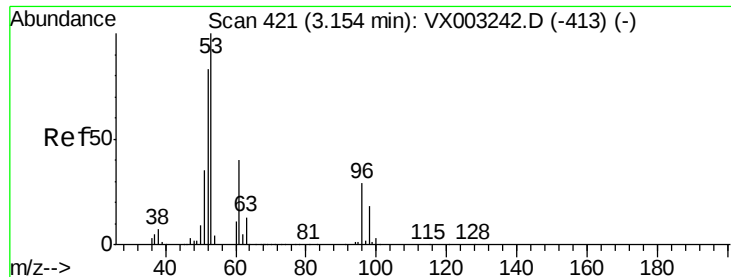
Ion Ratio Lower Upper

41 100

39 64.8 56.8 85.2

76 30.8 23.8 35.8





#15

Acrylonitrile

Concen: 107.97 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

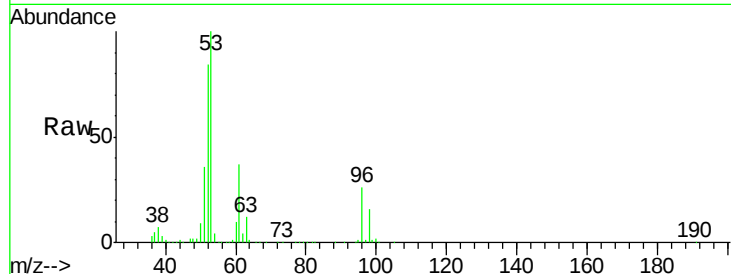
Tot Ion: 53 Resp: 162016

Ion Ratio Lower Upper

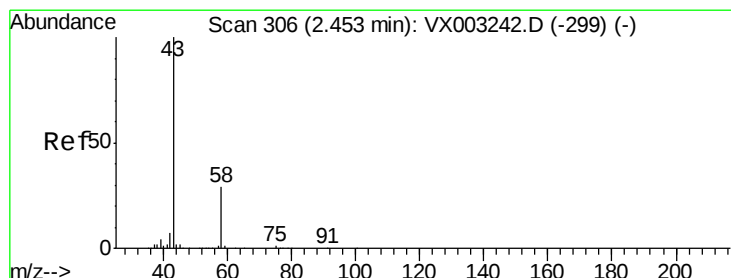
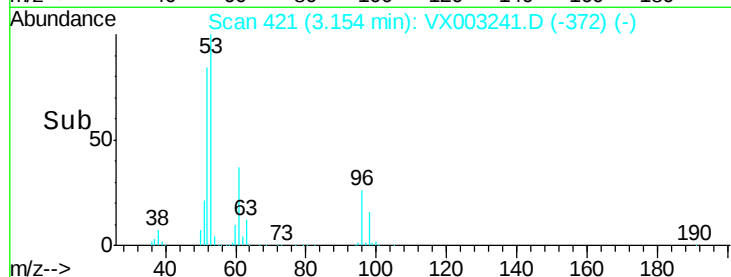
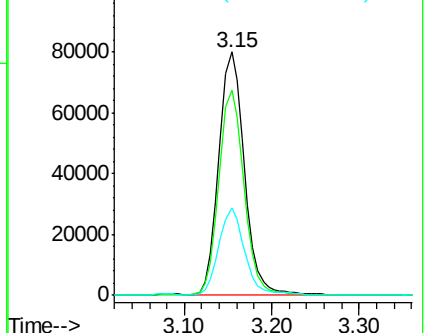
53 100

52 83.1 66.7 100.1

51 36.1 29.9 44.9



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: 100.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003241.D

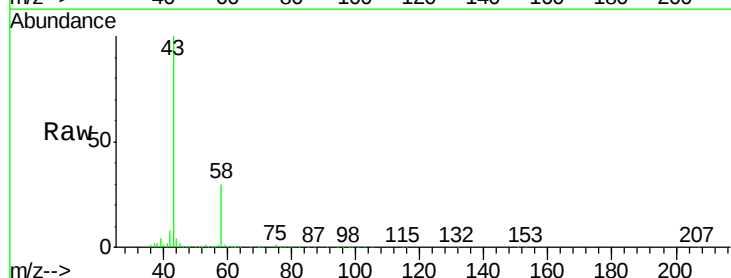
Acq: 09 Jul 2018 12:16

Tgt Ion: 43 Resp: 146642

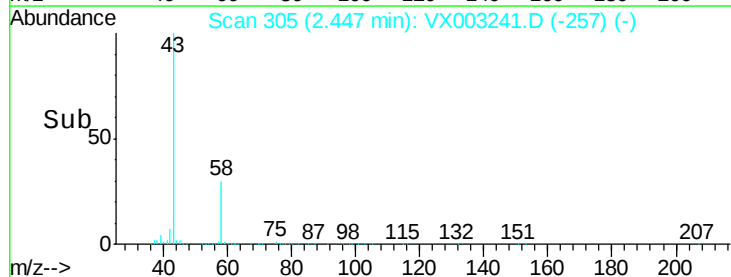
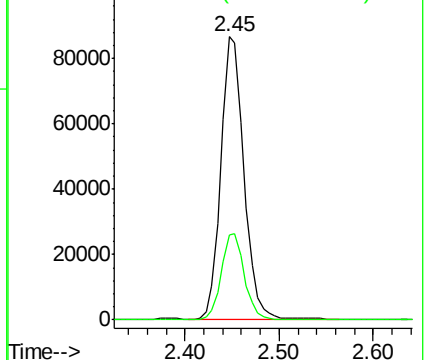
Ion Ratio Lower Upper

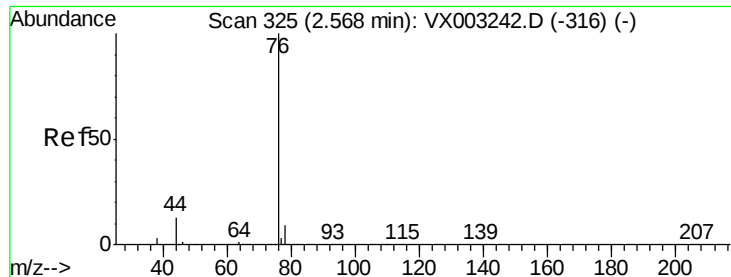
43 100

58 30.0 22.1 33.1



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

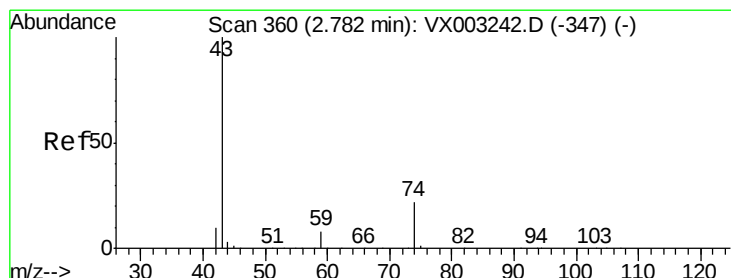
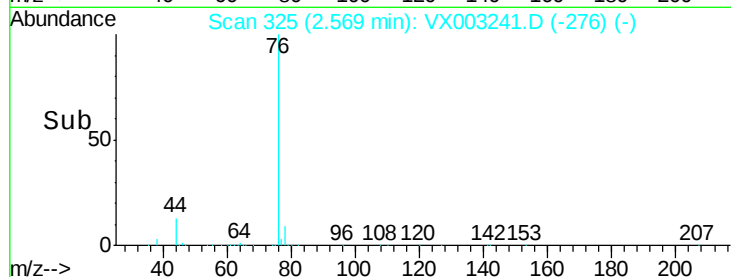
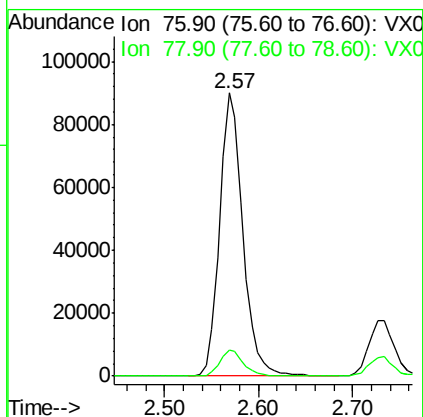
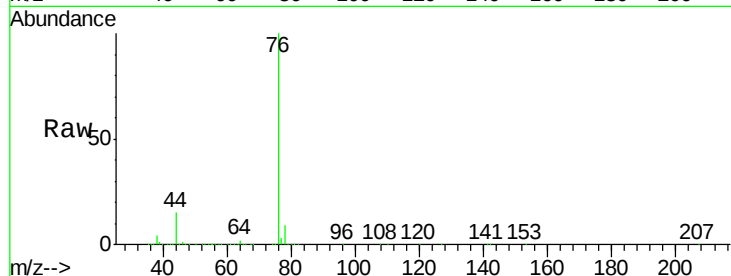




#17
Carbon Disulfide
Concen: 22.98 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

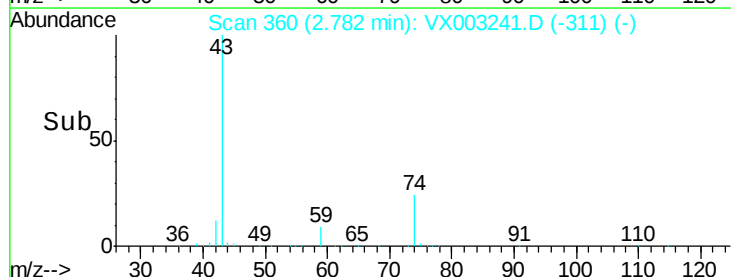
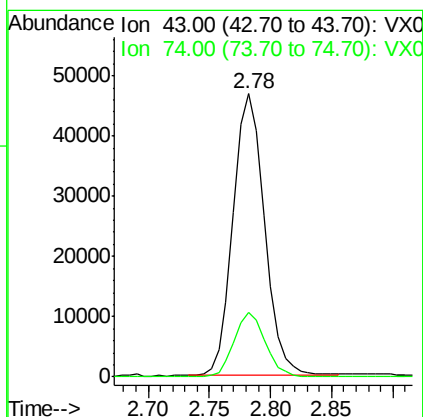
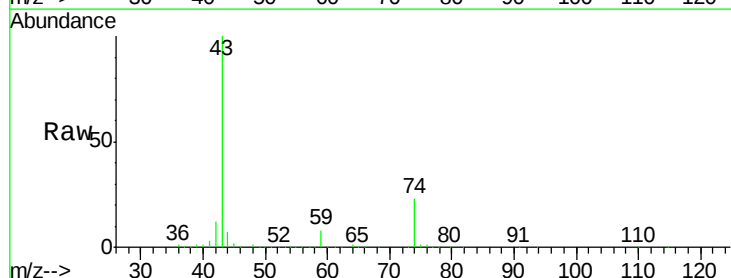
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

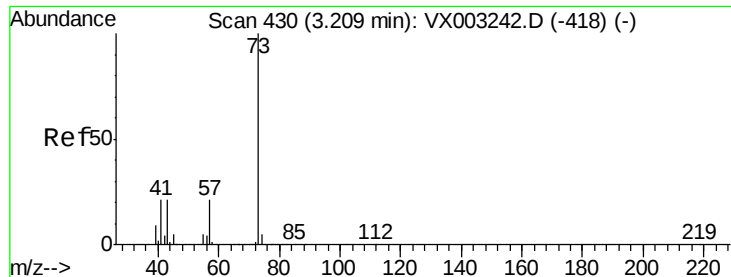
Tot Ion: 76 Resp: 154032
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 20.52 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion: 43 Resp: 83793
Ion Ratio Lower Upper
43 100
74 23.4 16.7 25.1



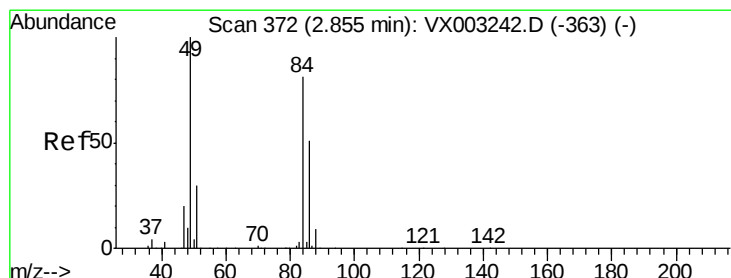
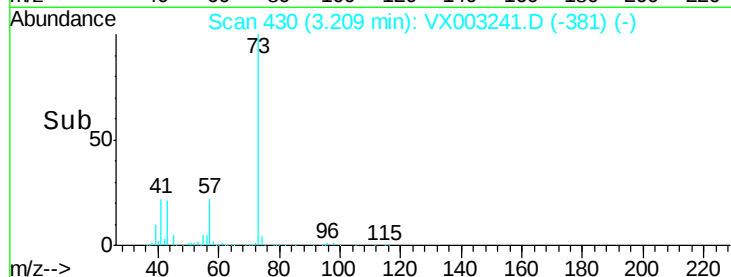
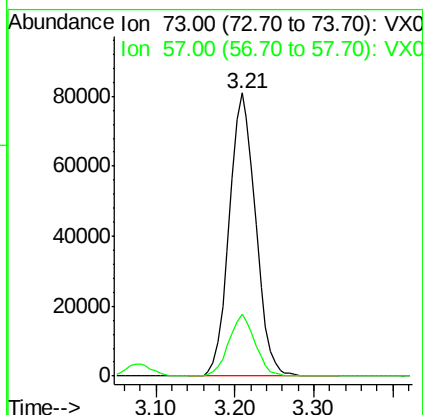
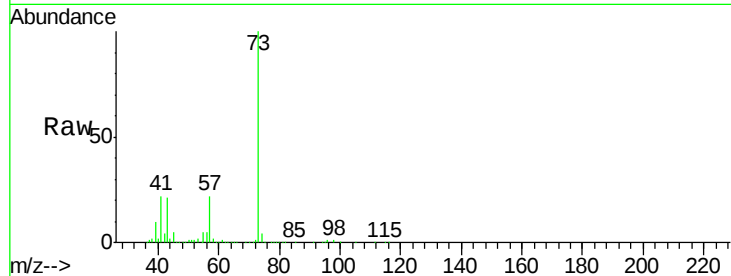


#19

Methyl tert-butyl Ether
 Concen: 20.78 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

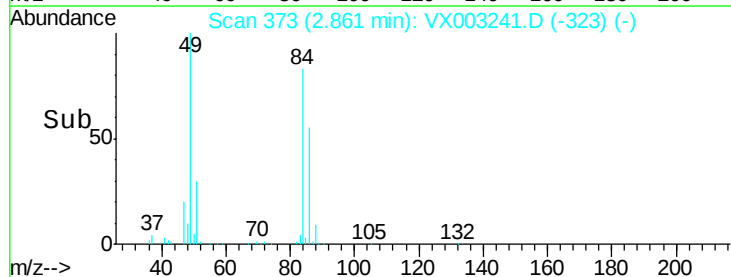
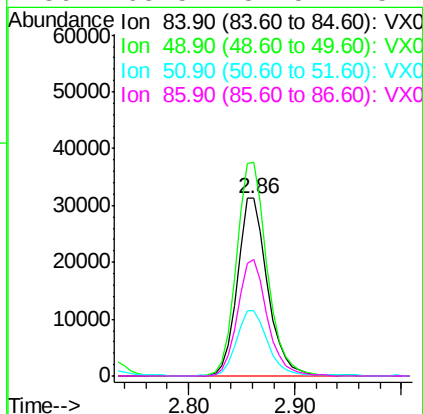
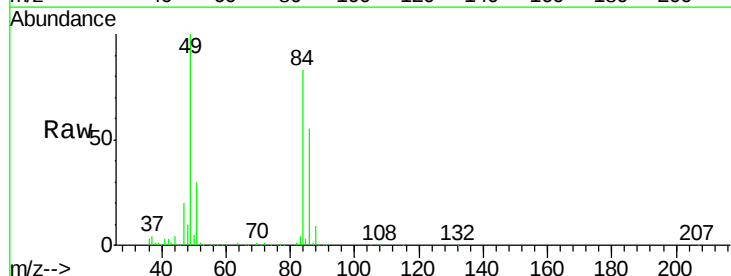
Tot Ion: 73 Resp: 187998
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.7 26.5

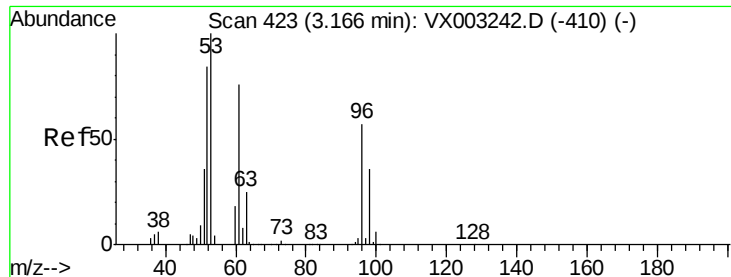


#20

Methylene Chloride
 Concen: 21.96 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion: 84 Resp: 62397
 Ion Ratio Lower Upper
 84 100
 49 120.2 107.8 161.6
 51 36.4 32.8 49.2
 86 65.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 22.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

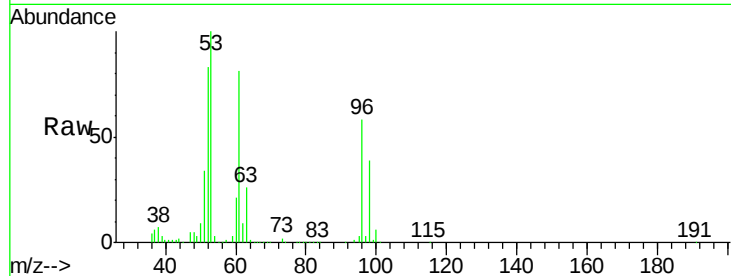
Tot Ion: 96 Resp: 60522

Ion Ratio Lower Upper

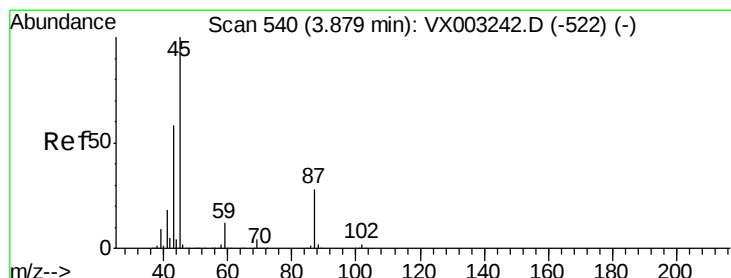
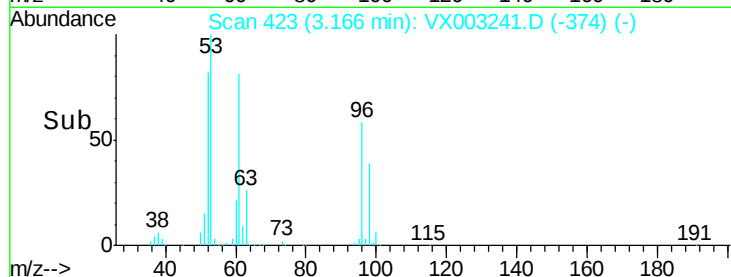
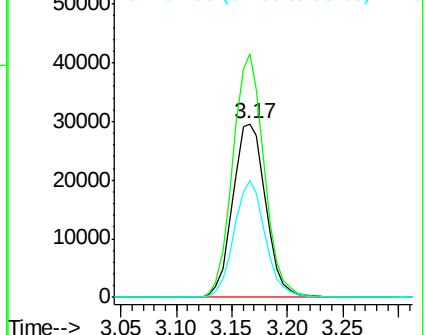
96 100

61 140.2 117.0 175.4

98 67.5 52.4 78.6



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



#22

Diisopropyl ether

Concen: 22.11 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Tgt Ion: 45 Resp: 209639

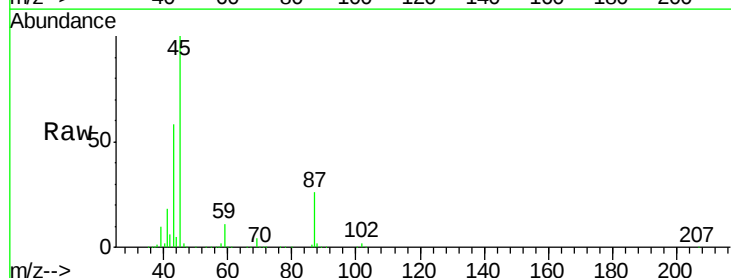
Ion Ratio Lower Upper

45 100

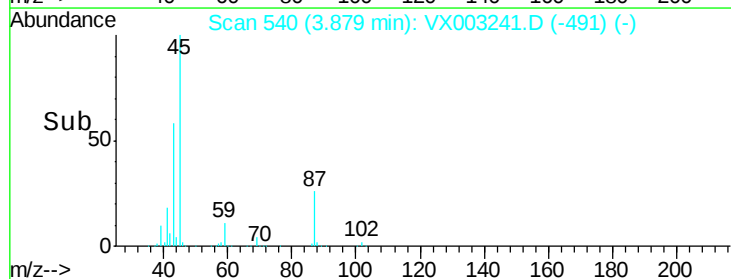
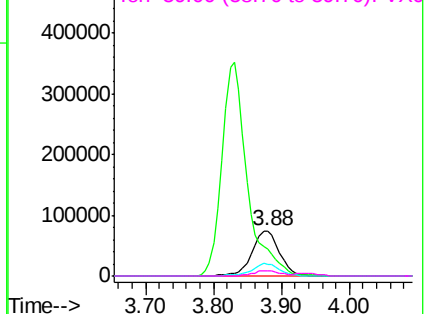
43 57.9 46.8 70.2

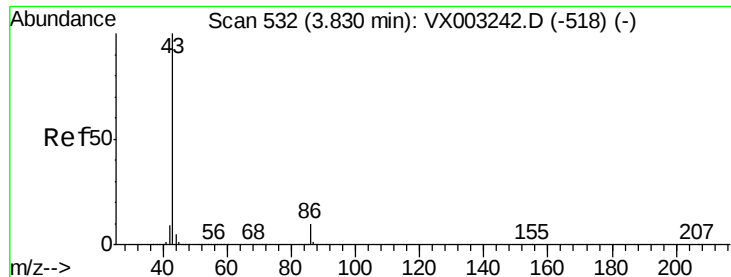
87 26.4 20.2 30.4

59 11.0 8.7 13.1



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





#23

Vinyl Acetate

Concen: 113.82 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

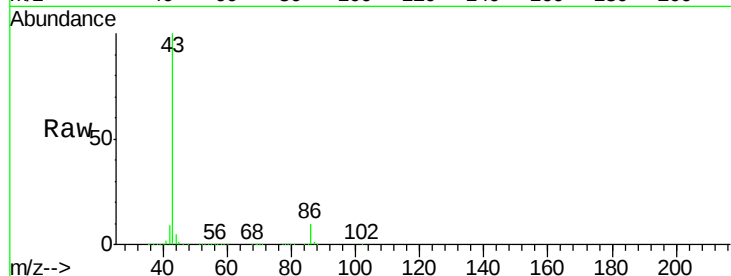
VSTDIC020

Tot Ion: 43 Resp: 913780

Ion Ratio Lower Upper

43 100

86 10.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

300000

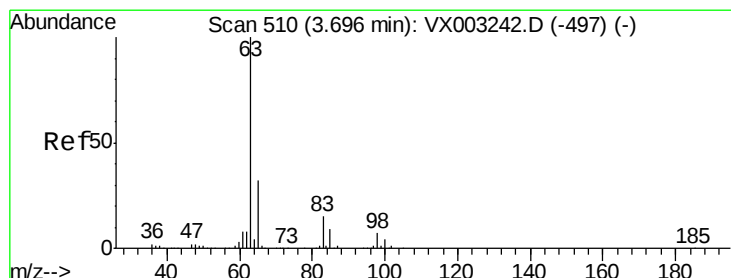
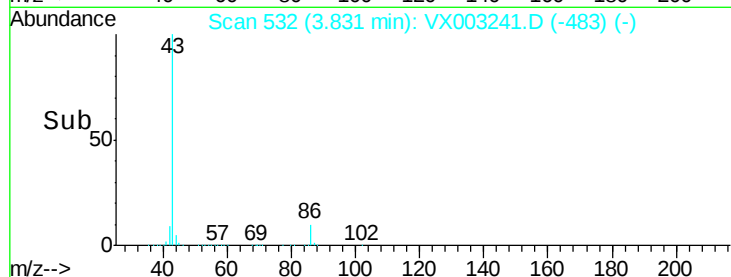
200000

100000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 21.38 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

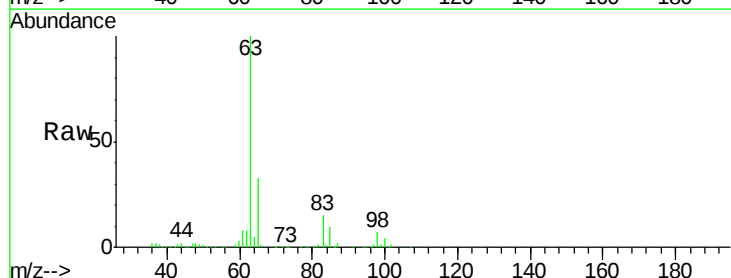
Tgt Ion: 63 Resp: 110159

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

30000

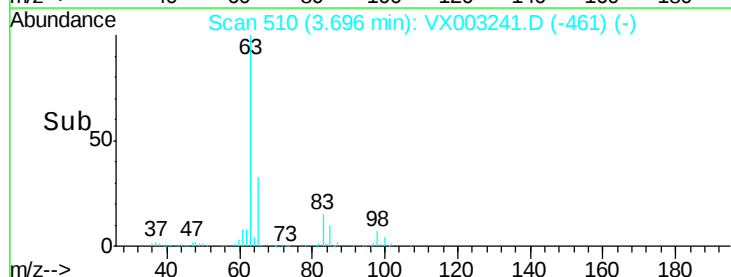
20000

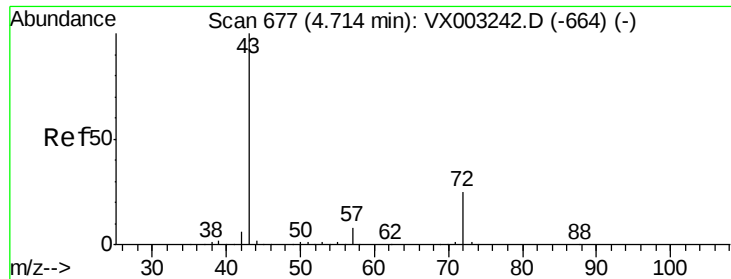
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 115.53 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

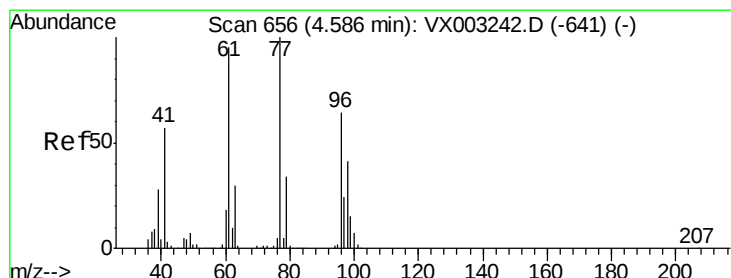
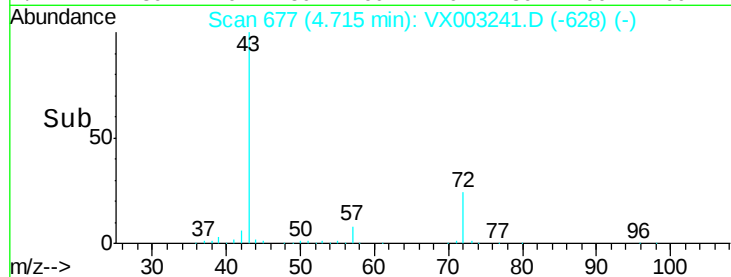
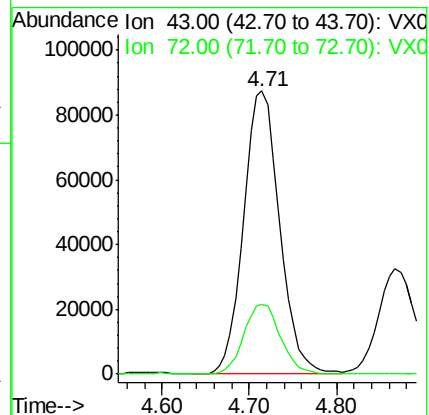
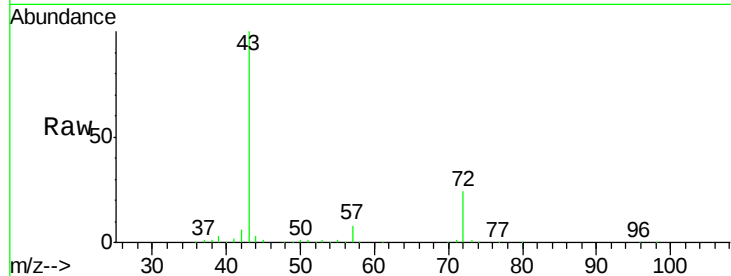
VSTDIC020

Tot Ion: 43 Resp: 250408

Ion Ratio Lower Upper

43 100

72 24.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 22.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003241.D

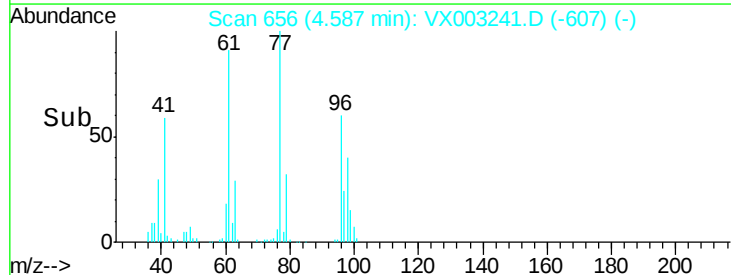
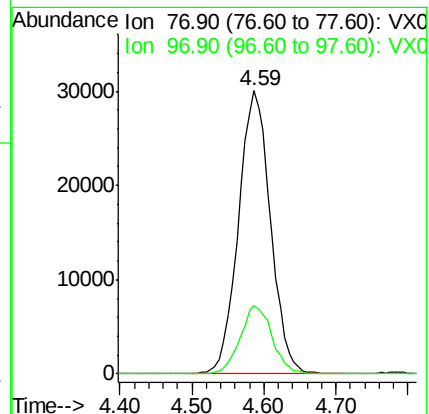
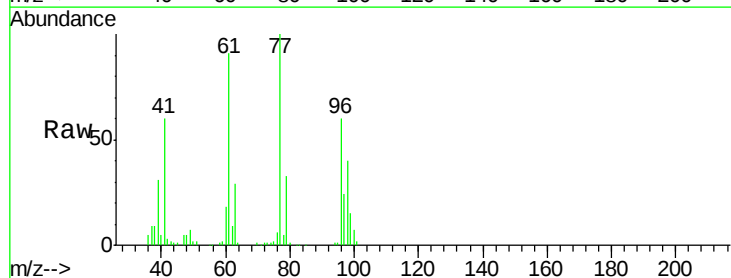
Acq: 09 Jul 2018 12:16

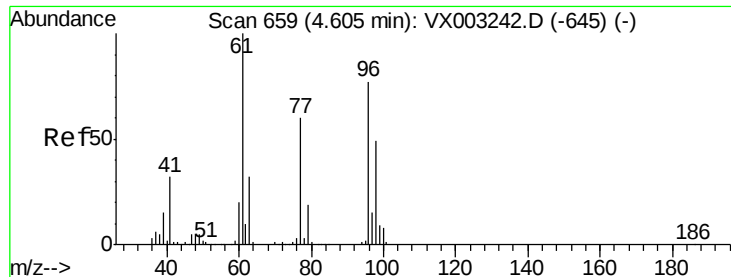
Tgt Ion: 77 Resp: 92755

Ion Ratio Lower Upper

77 100

97 24.2 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 22.84 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

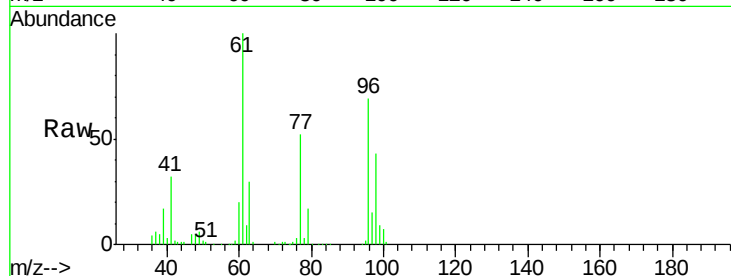
Tot Ion: 96 Resp: 70182

Ion Ratio Lower Upper

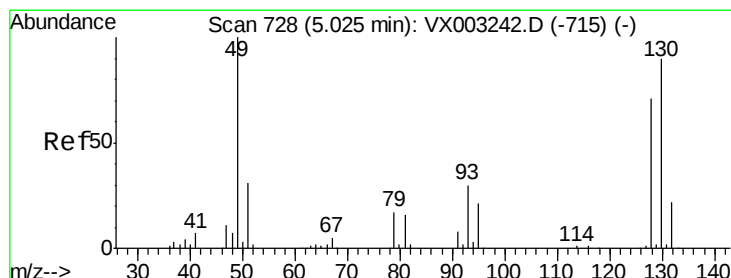
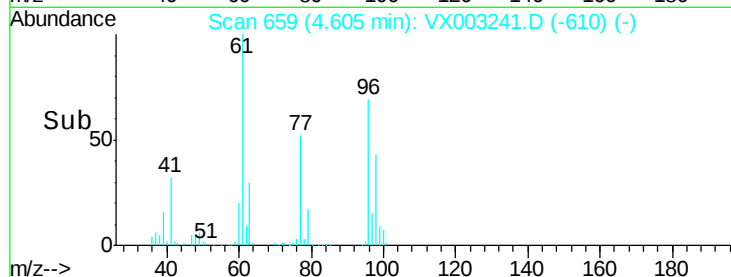
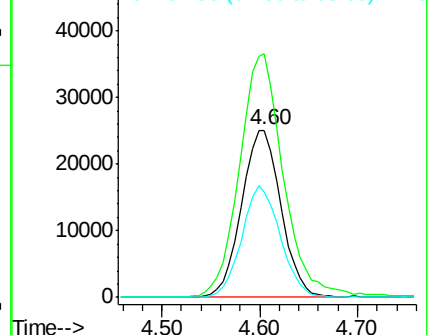
96 100

61 163.3 0.0 330.2

98 65.1 0.0 130.2



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



#28

Bromochloromethane

Concen: 23.24 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

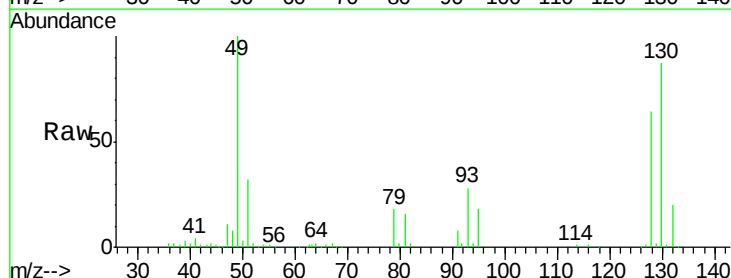
Tgt Ion: 49 Resp: 57334

Ion Ratio Lower Upper

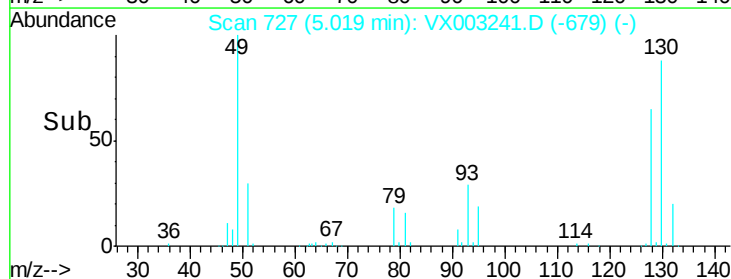
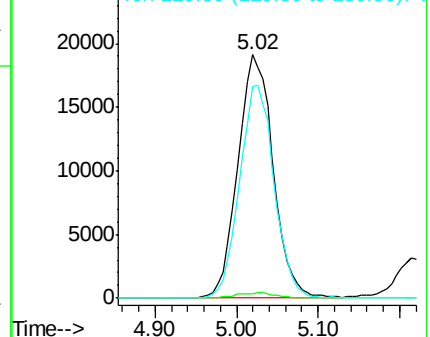
49 100

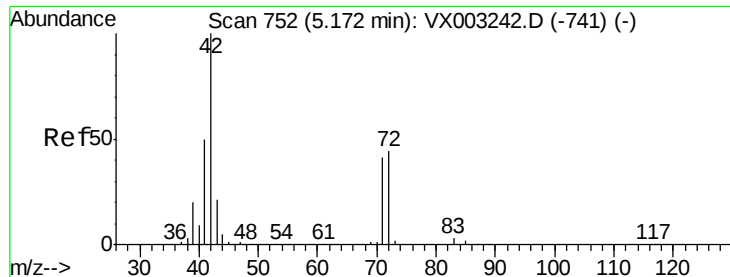
129 2.3 0.0 4.2

130 85.7 61.2 91.8



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





#29

Tetrahydrofuran

Concen: 115.21 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

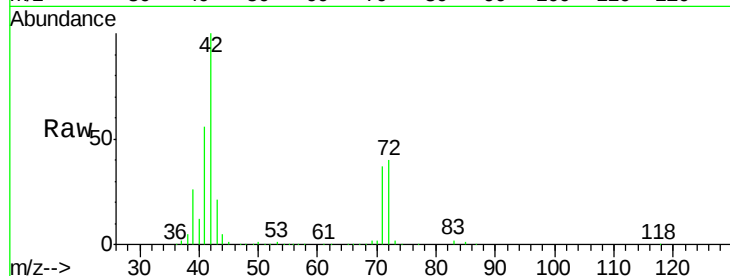
Tot Ion: 42 Resp: 160131

Ion Ratio Lower Upper

42 100

72 42.3 32.0 48.0

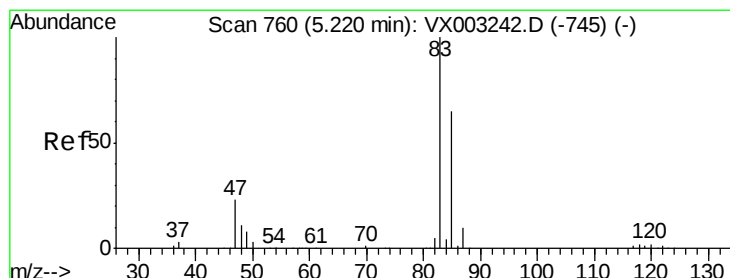
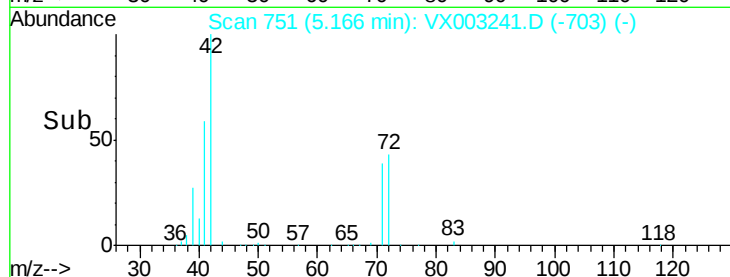
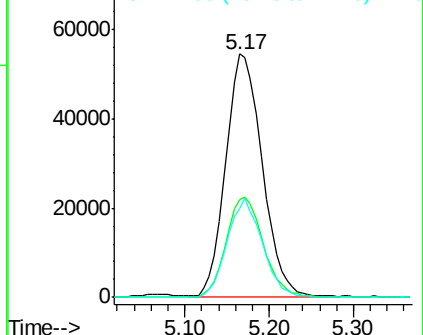
71 39.4 30.1 45.1



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: 22.71 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003241.D

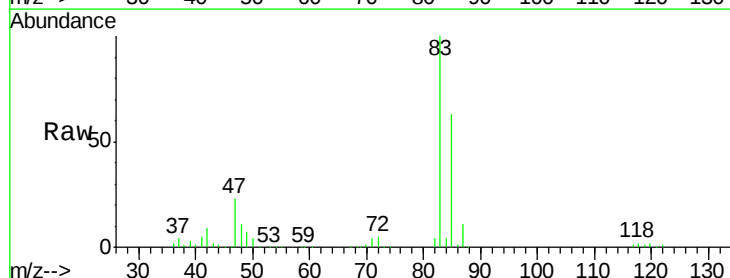
Acq: 09 Jul 2018 12:16

Tgt Ion: 83 Resp: 120098

Ion Ratio Lower Upper

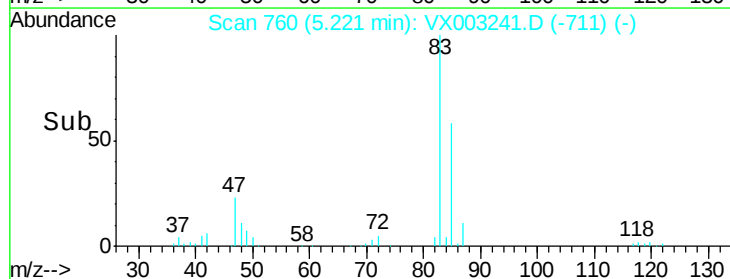
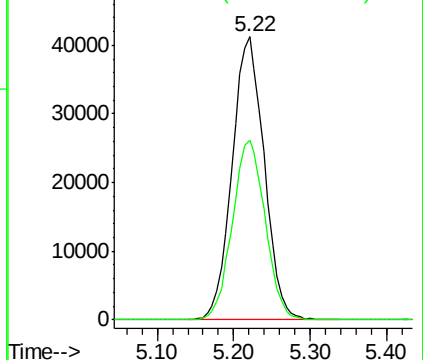
83 100

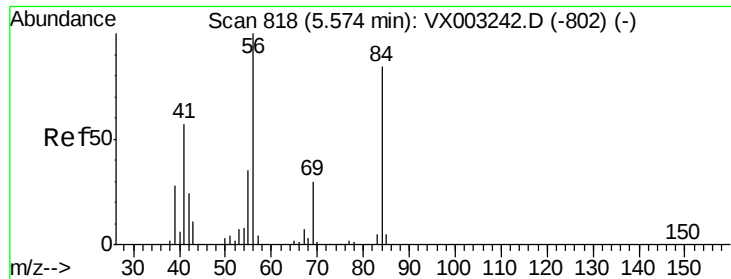
85 63.4 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

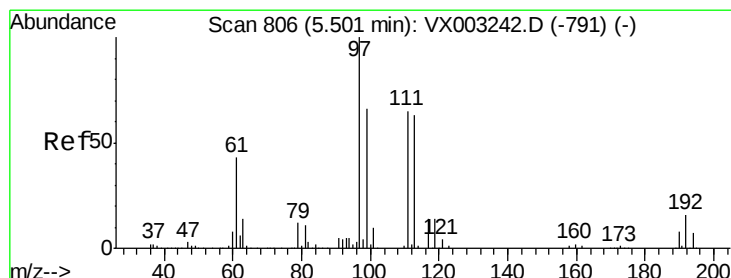
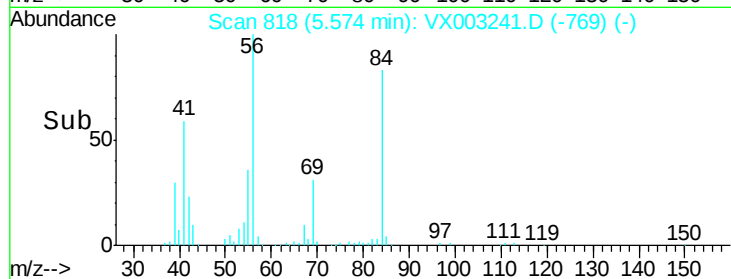
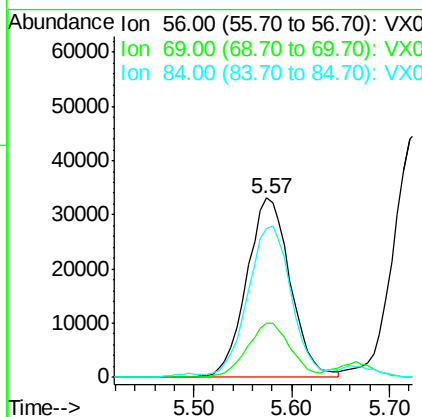
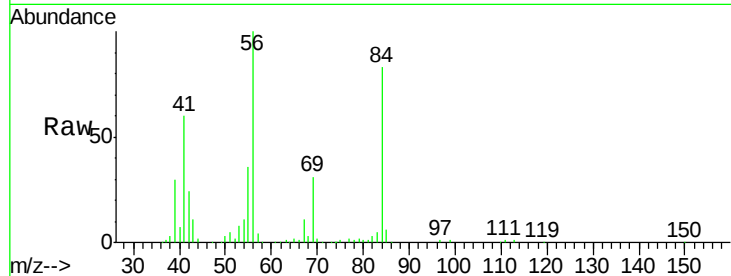




#31
Cyclohexane
Concen: 23.25 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

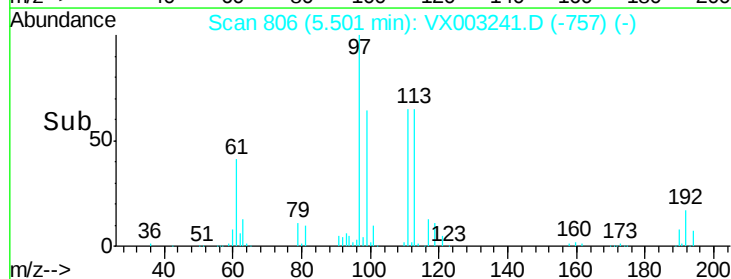
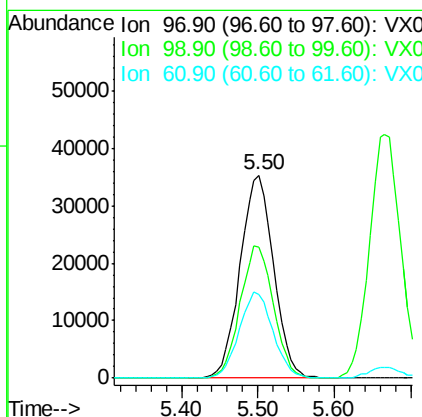
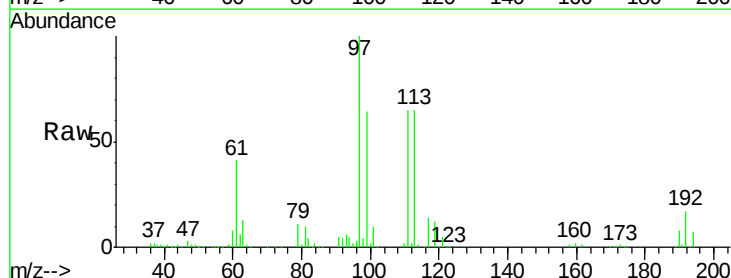
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

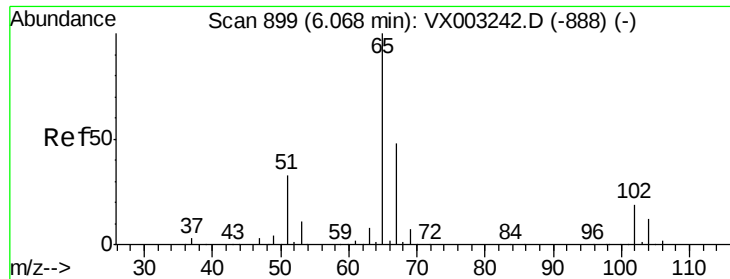
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.7	35.5
84	81.1	64.1	96.1



#32
1,1,1-Trichloroethane
Concen: 23.11 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	42.8	36.4	54.6

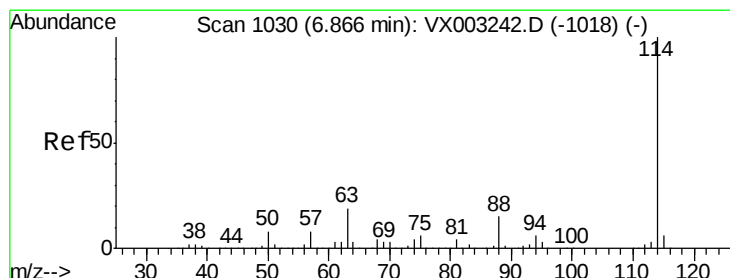
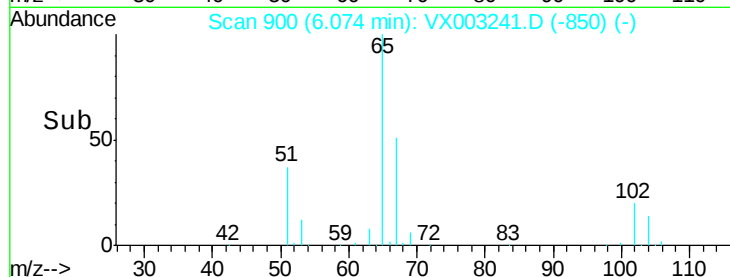
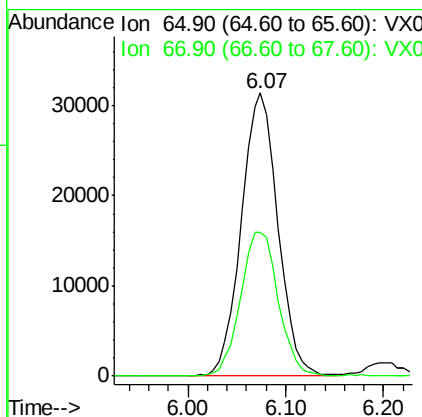
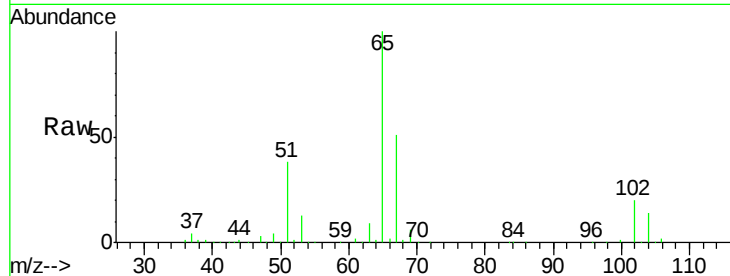




#33
 1,2-Dichloroethane-d4
 Concen: 23.09 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

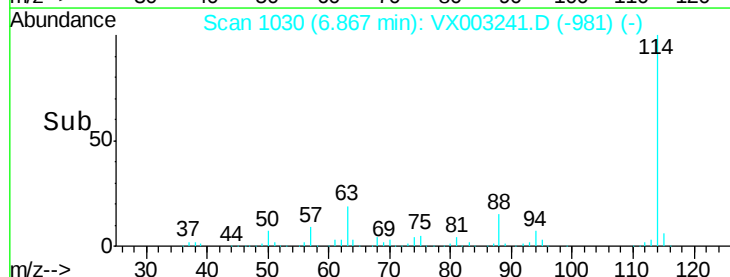
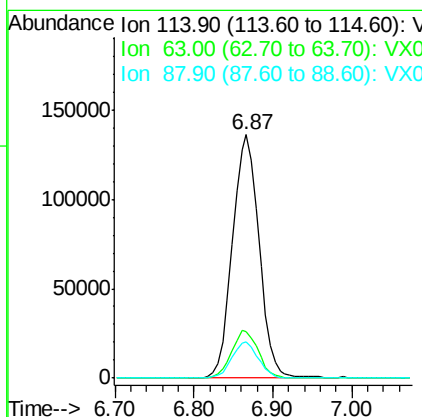
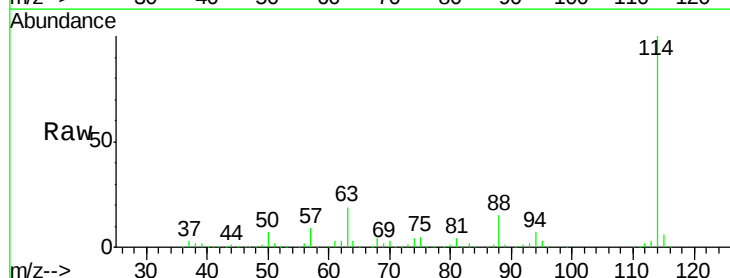
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

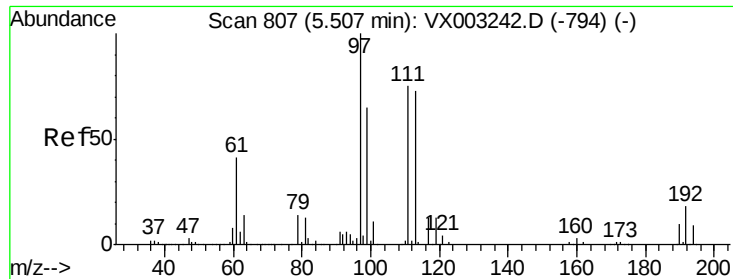
Tot Ion: 65 Resp: 81412
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion: 114 Resp: 320077
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 14.9 0.0 30.0

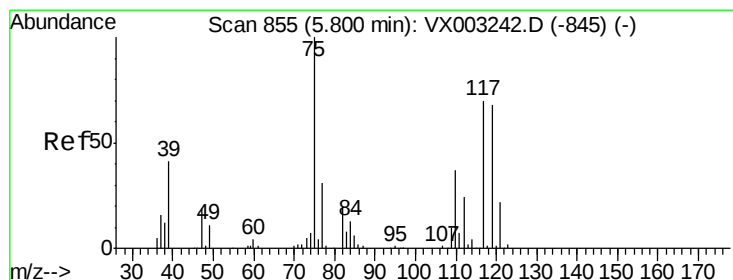
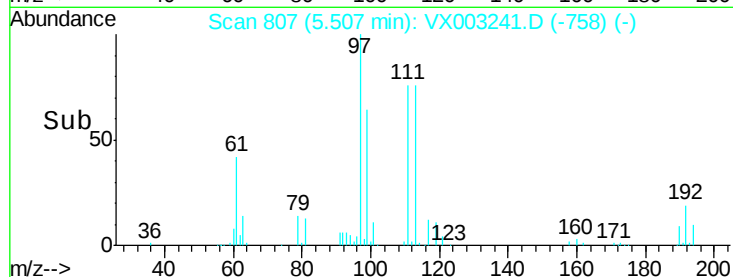
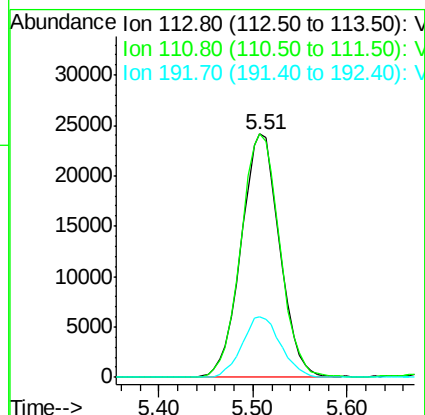
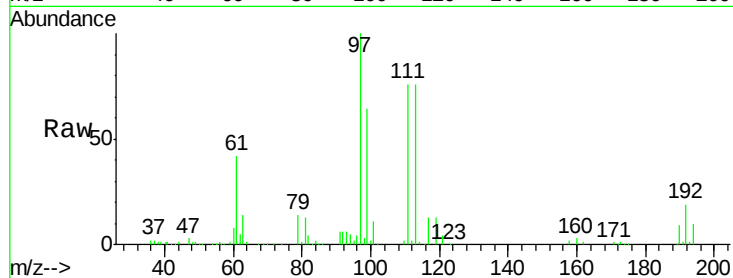




#35
 Dibromofluoromethane
 Concen: 27.21 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

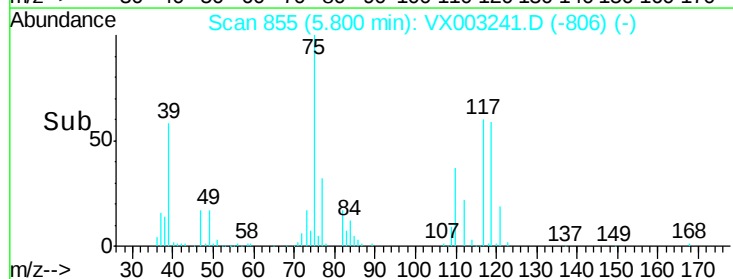
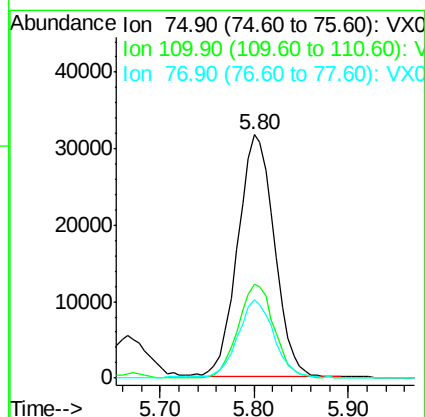
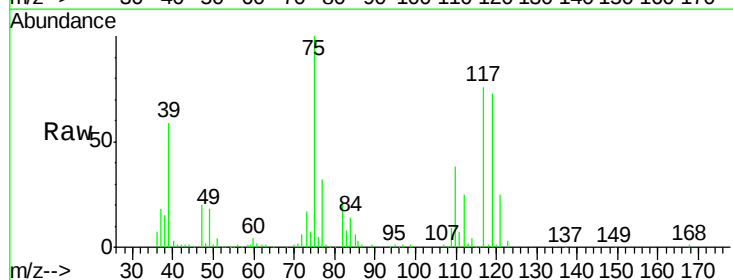
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

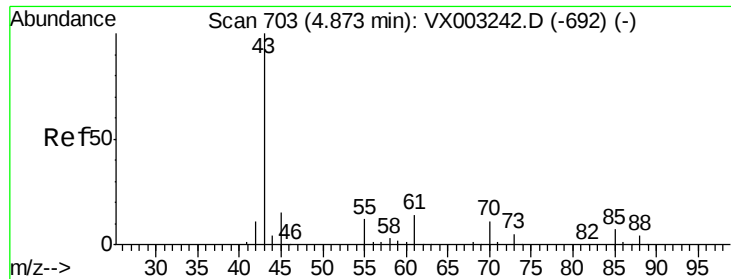
Tot Ion:113 Resp: 68968
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.4 122.0
 192 24.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 24.51 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion: 75 Resp: 86037
 Ion Ratio Lower Upper
 75 100
 110 38.2 18.1 54.4
 77 31.7 24.3 36.5

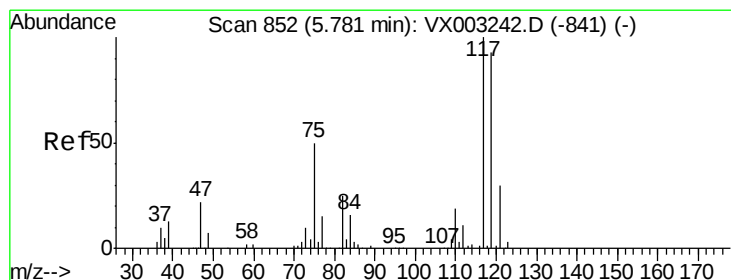
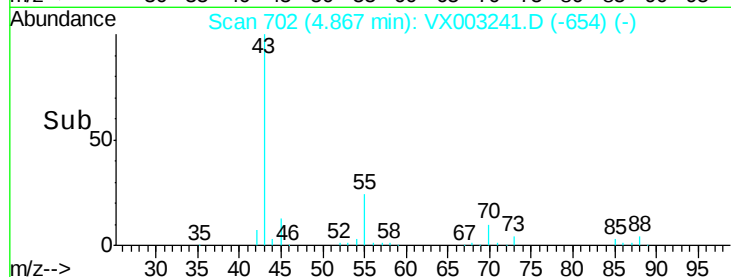
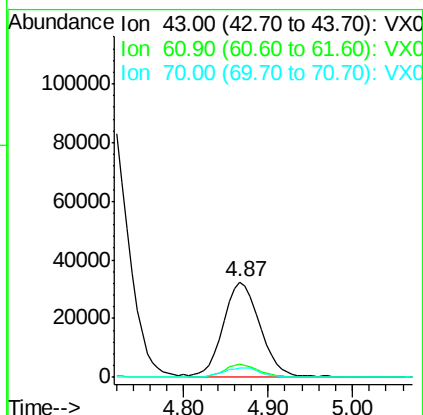
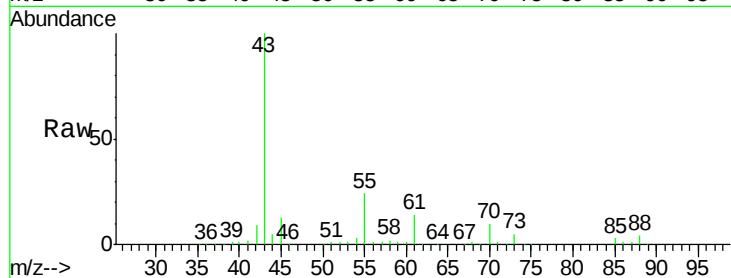




#37
Ethyl Acetate
Concen: 25.31 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

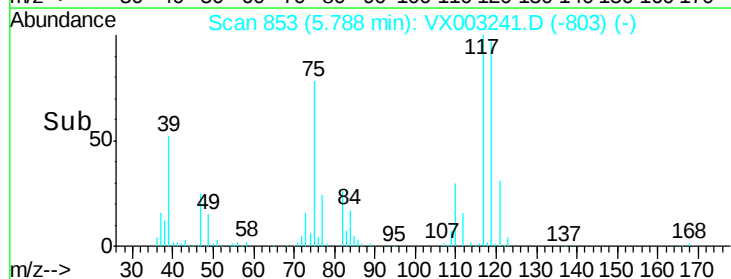
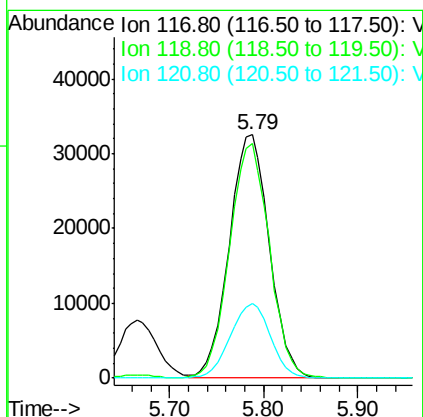
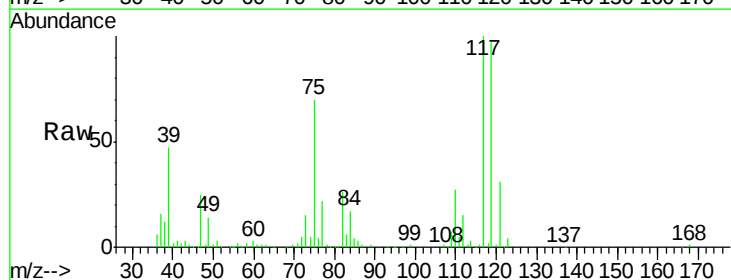
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

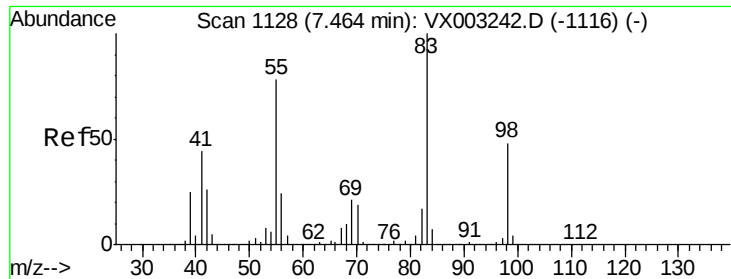
Tot Ion: 43 Resp: 95636
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 25.09 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion: 117 Resp: 96652
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0
121 30.6 24.4 36.6

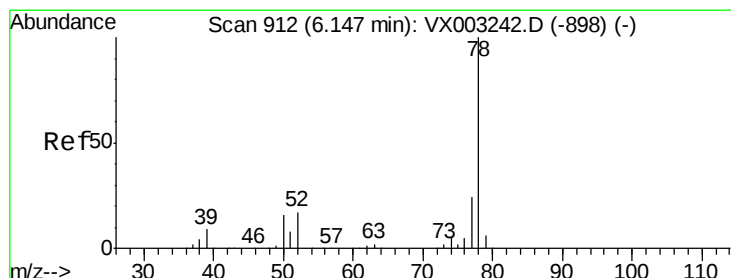
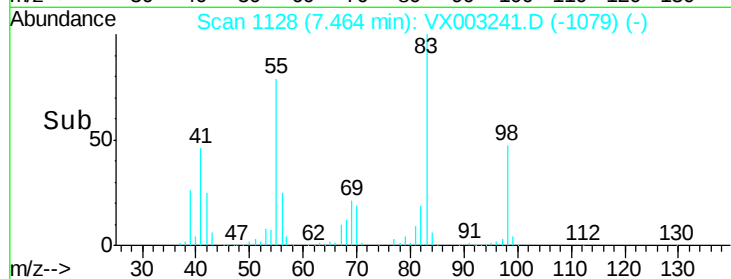
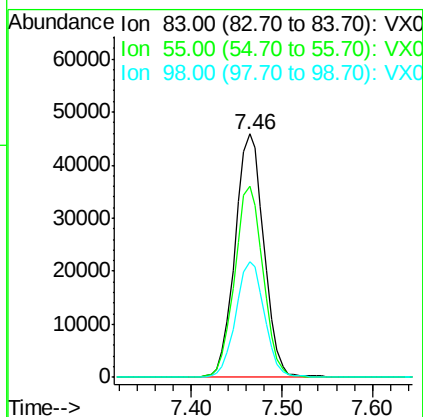
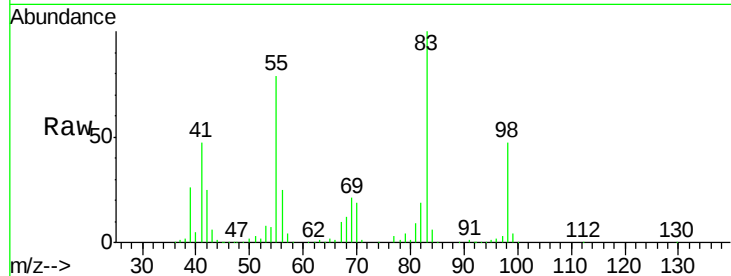




#39
Methylvlcvclohexane
Concen: 24.64 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

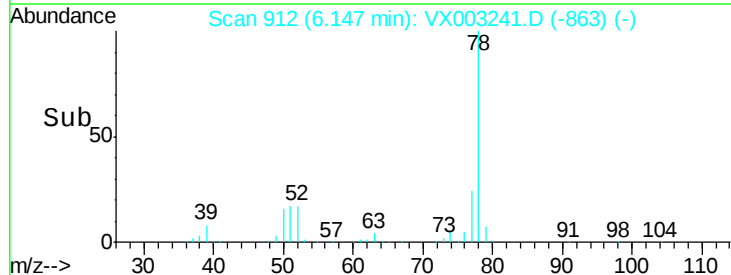
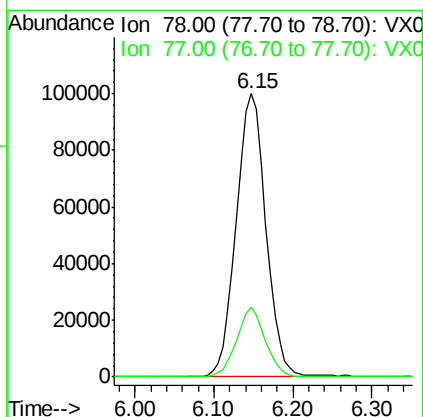
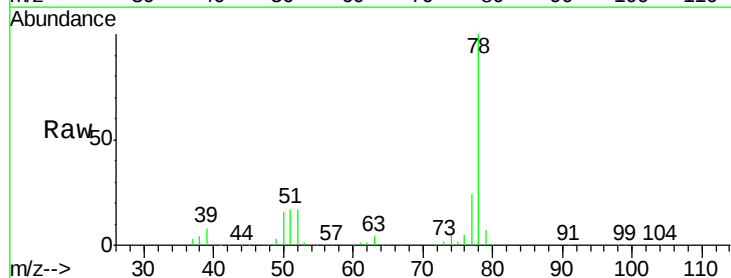
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

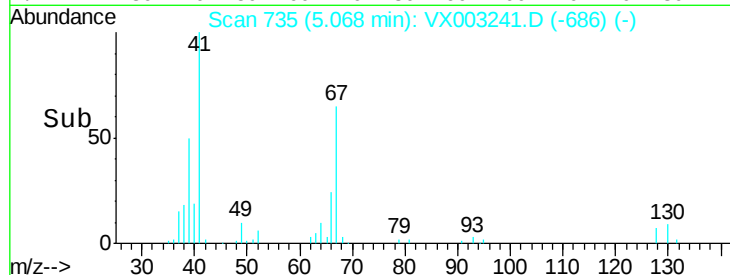
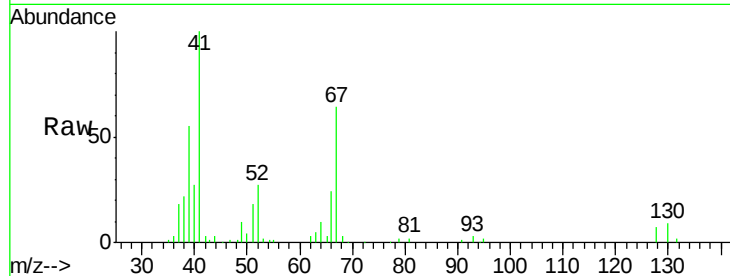
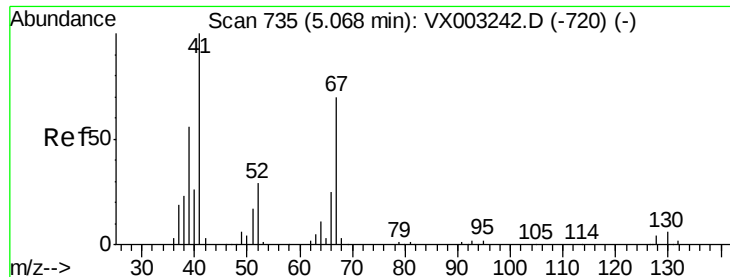
Tot Ion: 83 Resp: 100738
Ion Ratio Lower Upper
83 100
55 78.5 65.4 98.0
98 47.4 37.4 56.0



#40
Benzene
Concen: 25.74 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion: 78 Resp: 262562
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

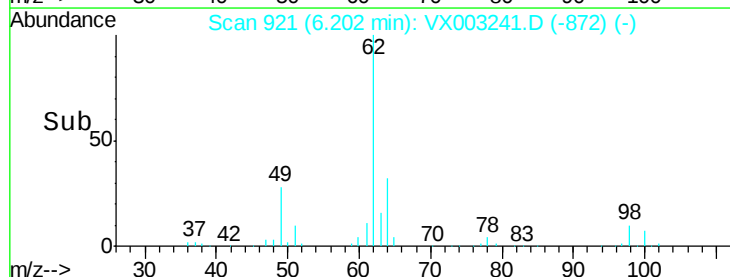
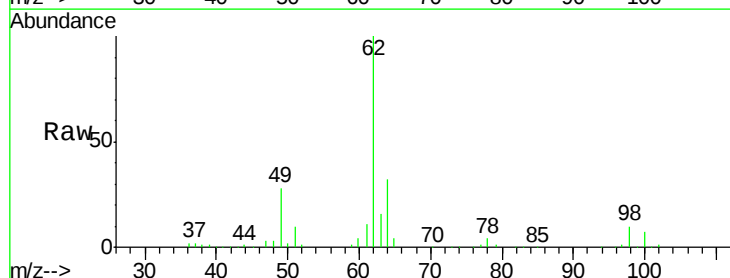
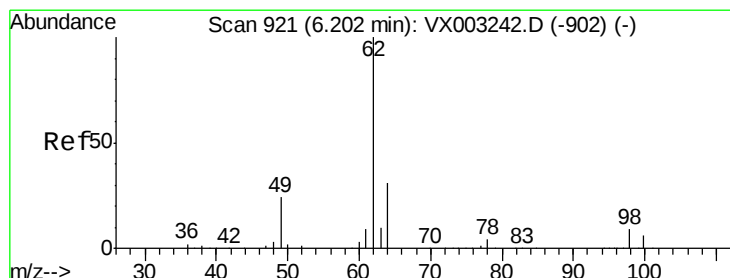
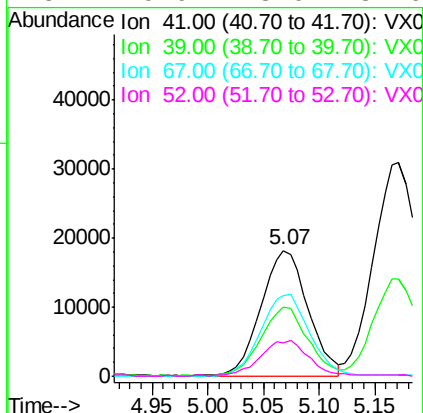




#41
Methacrylonitrile
Concen: 24.46 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

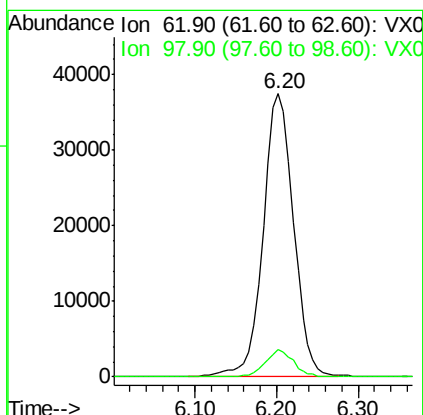
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

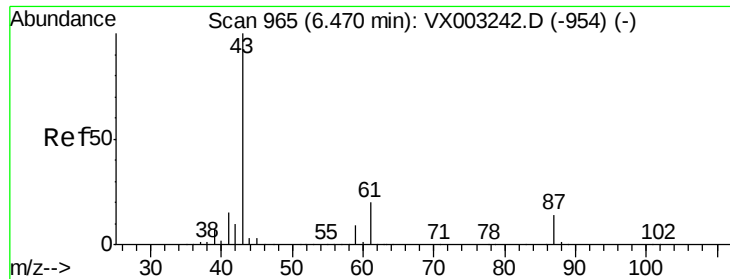
Tot Ion:	41	Resp:	53242
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.8	68.6
67	68.6	51.3	76.9
52	29.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 23.55 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion:	62	Resp:	97005
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6



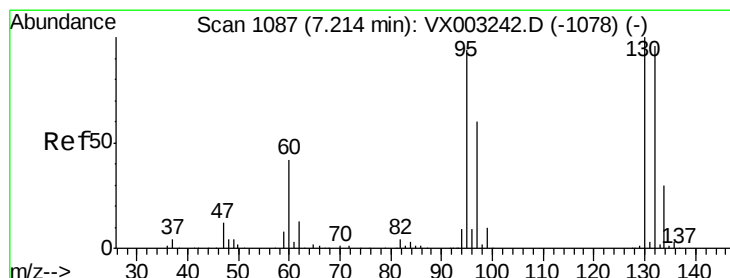
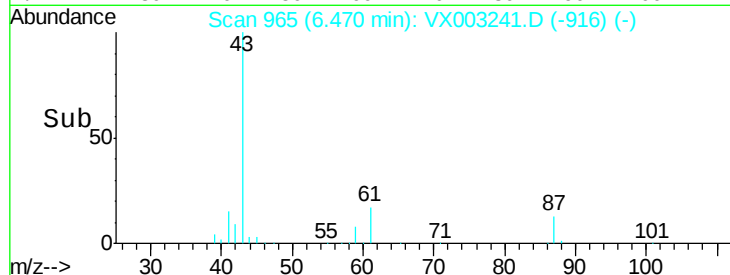
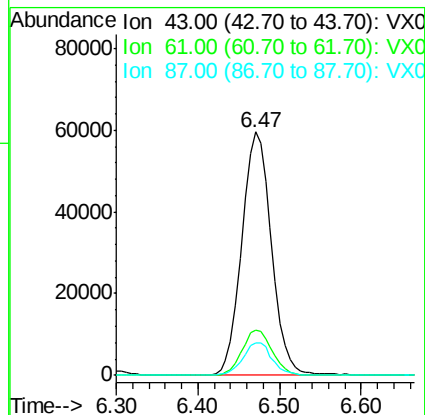
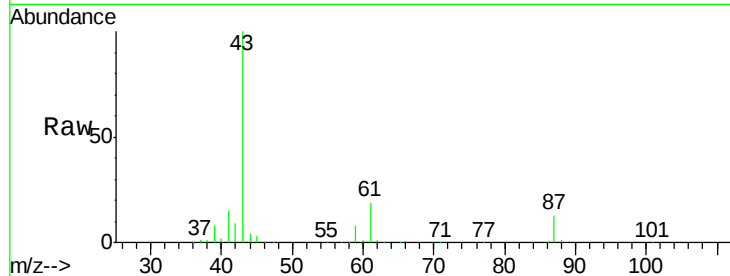


#43

Isopropyl Acetate
 Concen: 23.53 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

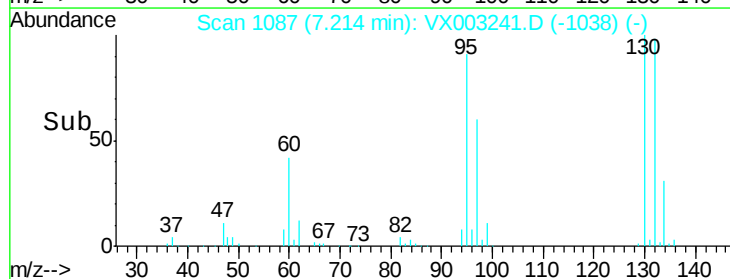
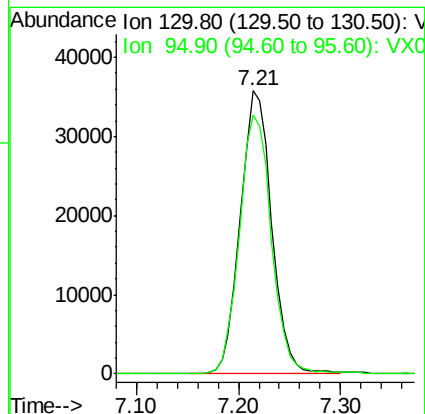
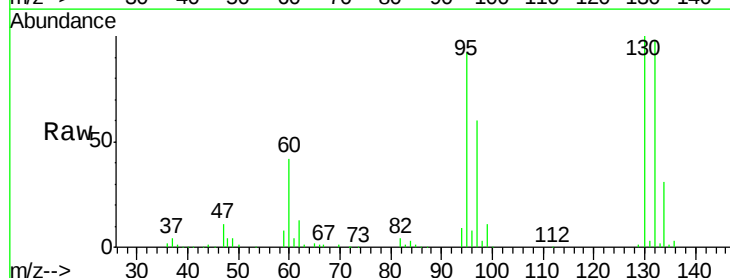
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.4	21.6
87	13.2	9.5	14.3

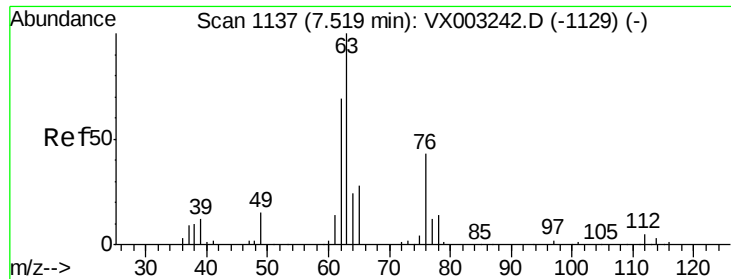


#44

Trichloroethene
 Concen: 25.19 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	185.4





#45

1,2-Dichloropropane

Concen: 24.95 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

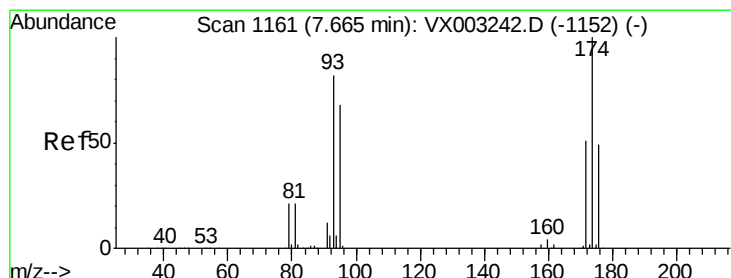
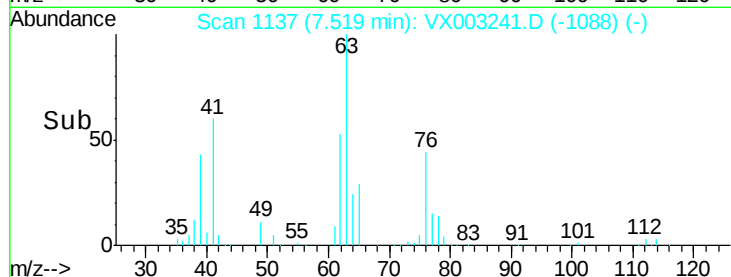
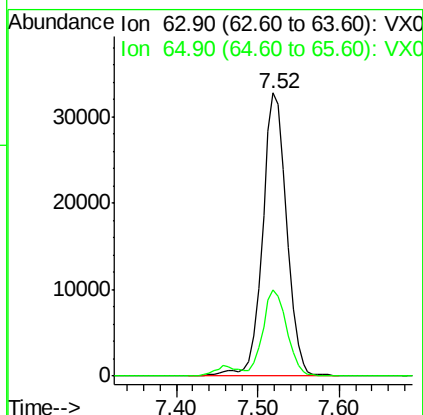
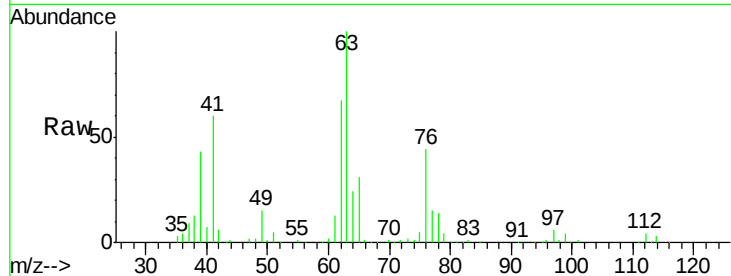
VSTDIC020

Tot Ion: 63 Resp: 67511

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



#46

Dibromomethane

Concen: 24.49 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

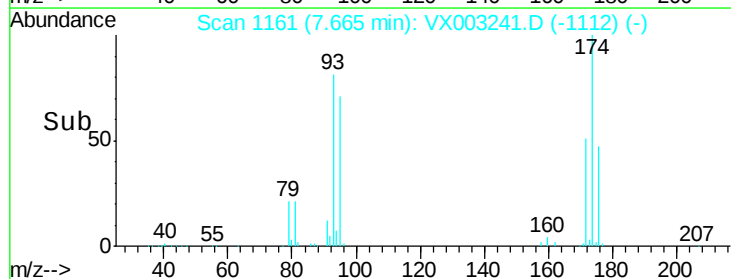
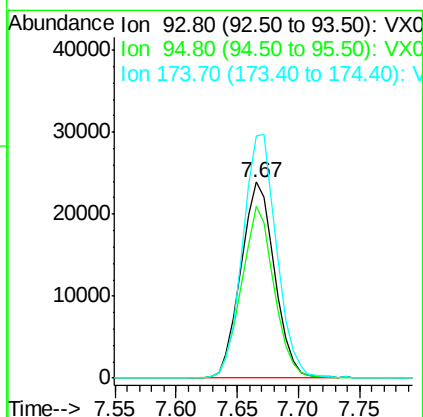
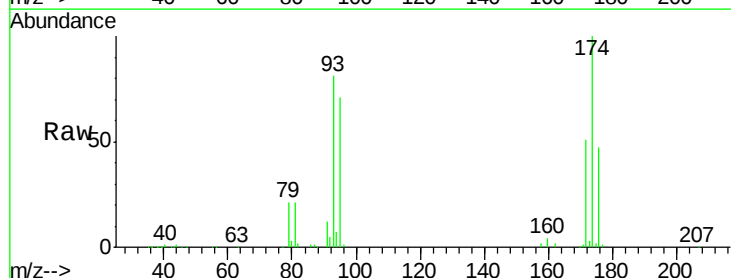
Tgt Ion: 93 Resp: 45975

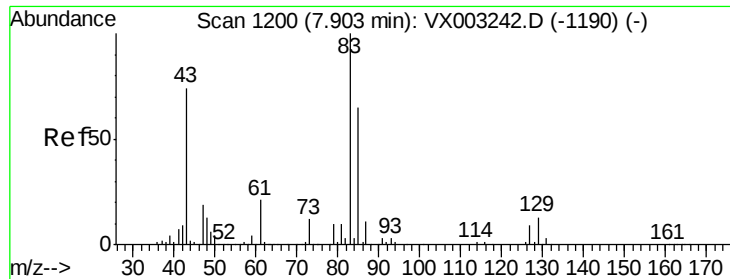
Ion Ratio Lower Upper

93 100

95 84.5 65.9 98.9

174 125.4 92.4 138.6





#47

Bromodichloromethane

Concen: 24.37 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

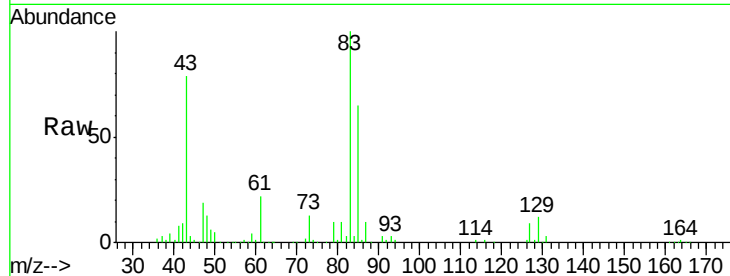
Tot Ion: 83 Resp: 84569

Ion Ratio Lower Upper

83 100

85 65.1 50.3 75.5

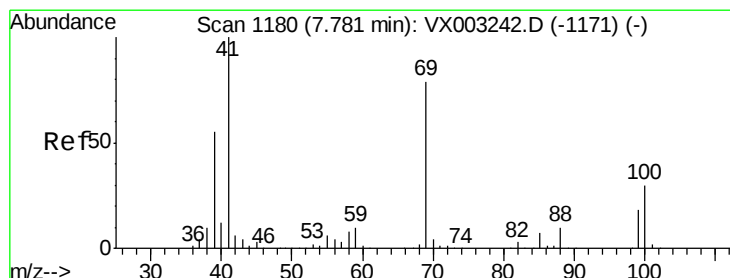
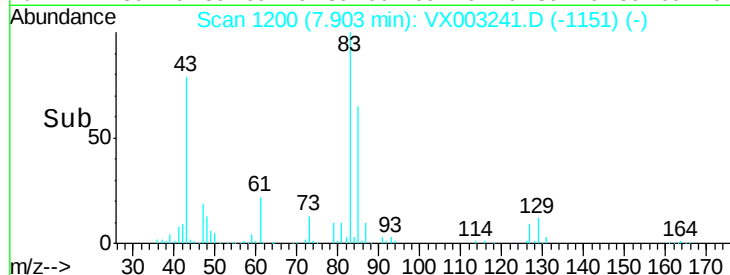
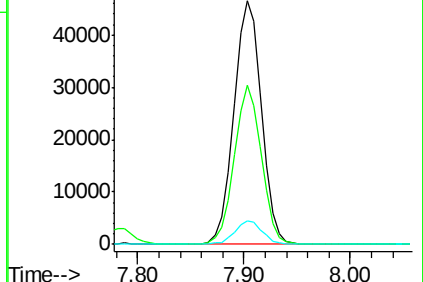
127 9.5 7.0 10.4



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: 23.60 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

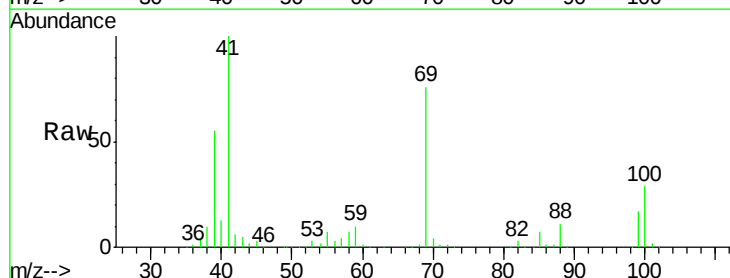
Tgt Ion: 41 Resp: 77066

Ion Ratio Lower Upper

41 100

69 79.3 59.1 88.7

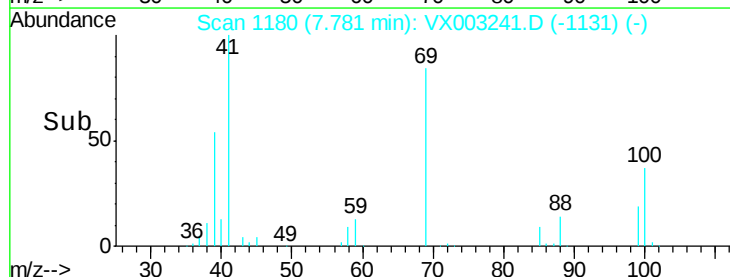
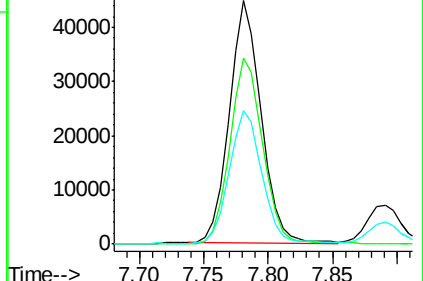
39 55.8 48.9 73.3

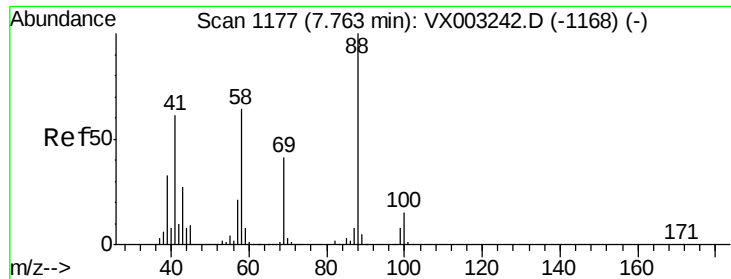


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

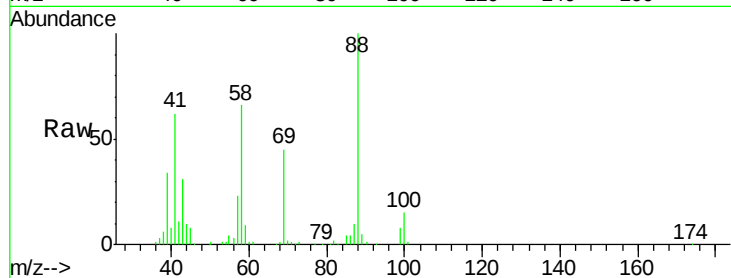




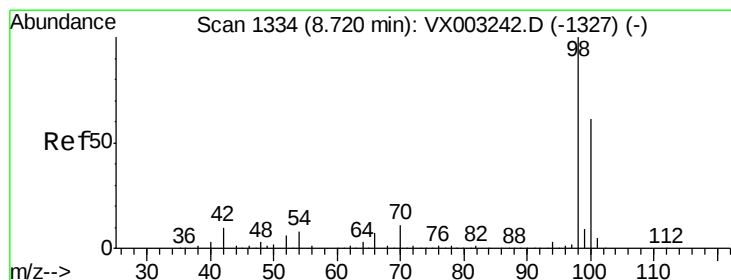
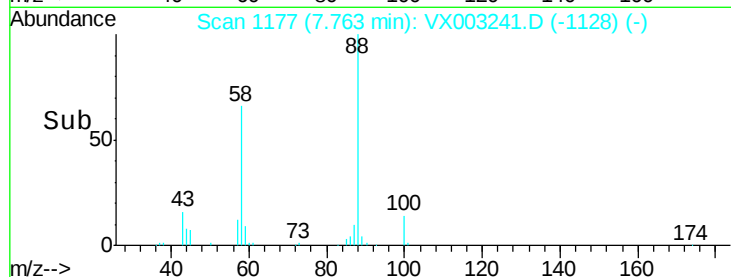
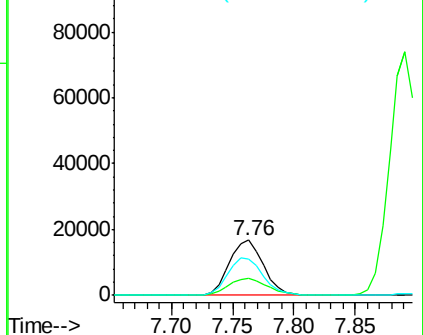
#49
1,4-Dioxane
Concen: 512.01 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 32533
Ion Ratio Lower Upper
88 100
43 36.2 29.8 44.6
58 71.9 57.1 85.7

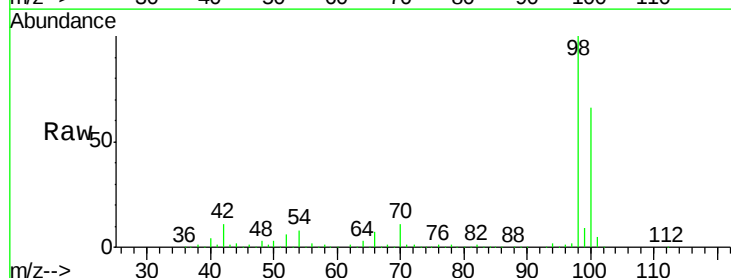


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

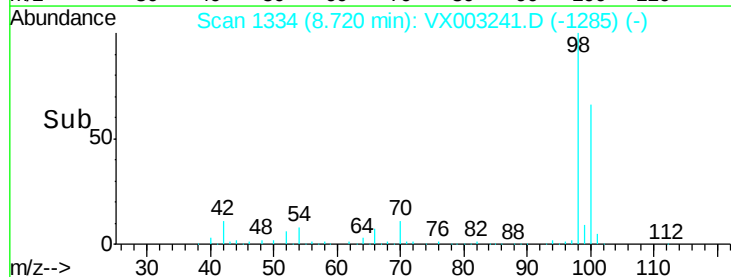
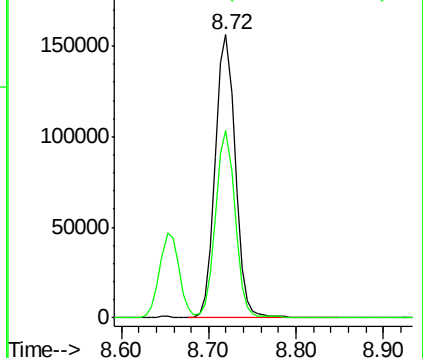


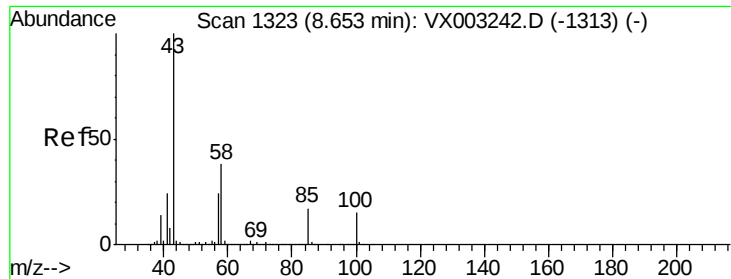
#50
Toluene-d8
Concen: 26.82 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion: 98 Resp: 248234
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 123.99 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

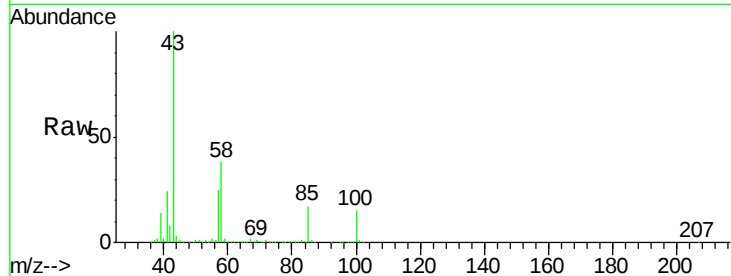
VSTDIC020

Tot Ion: 43 Resp: 491694

Ion Ratio Lower Upper

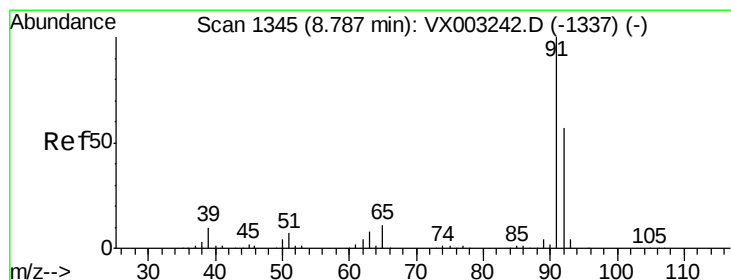
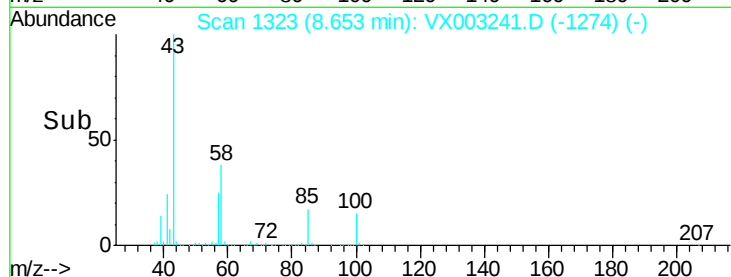
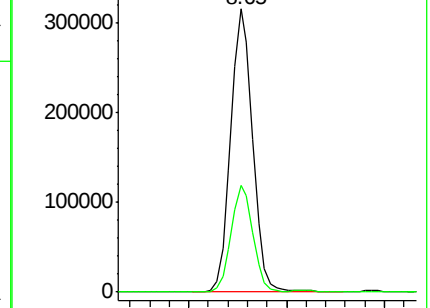
43 100

58 37.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 25.47 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003241.D

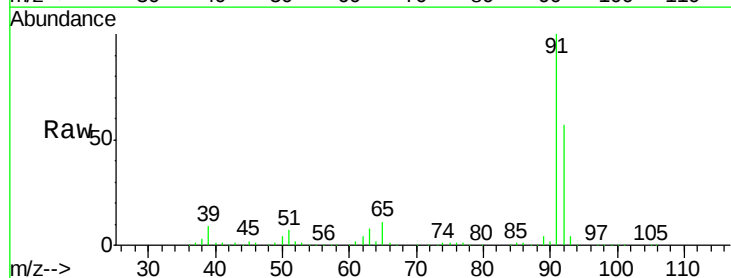
Acq: 09 Jul 2018 12:16

Tgt Ion: 92 Resp: 166428

Ion Ratio Lower Upper

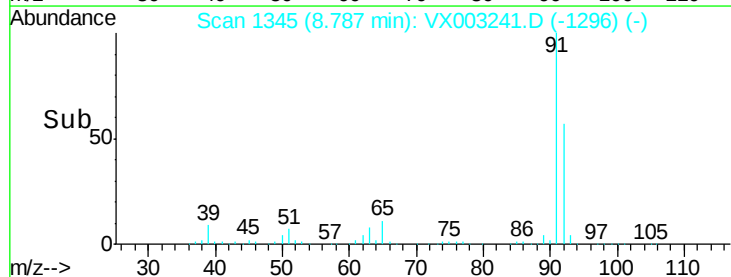
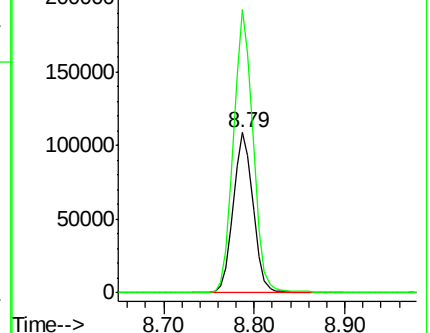
92 100

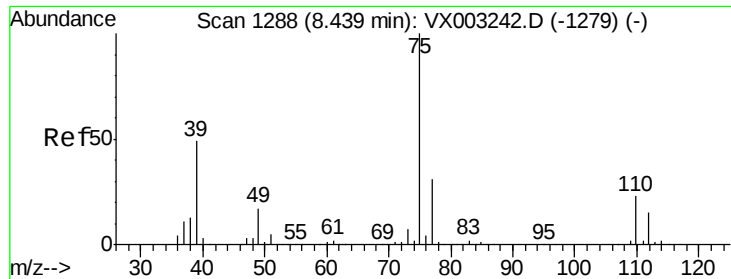
91 174.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

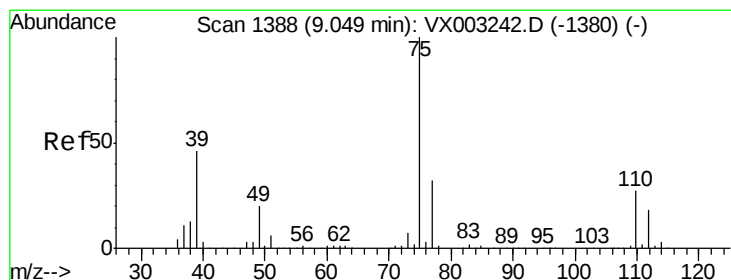
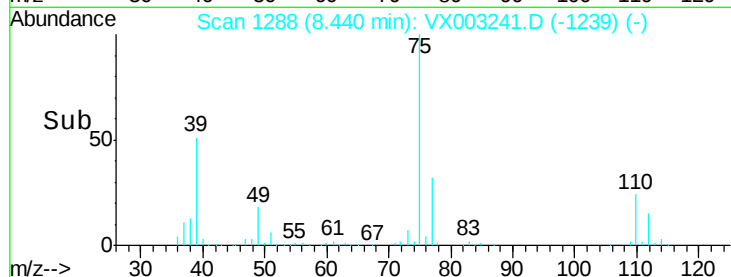
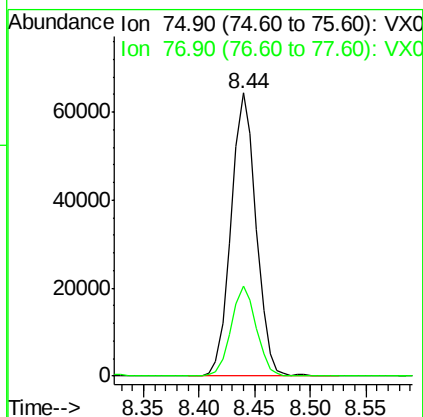
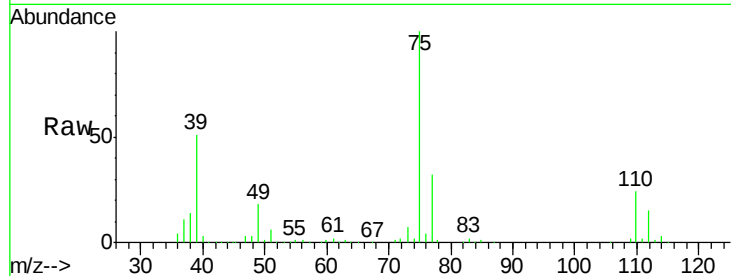




#53
t-1,3-Dichloropropene
Concen: 25.52 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

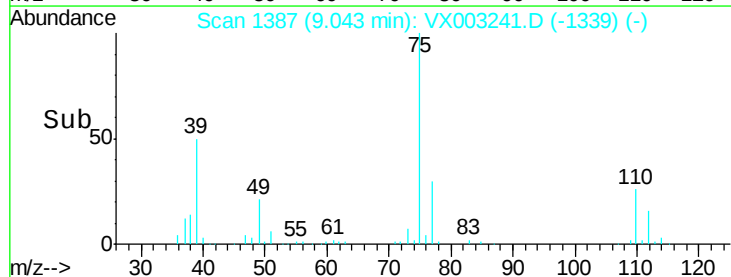
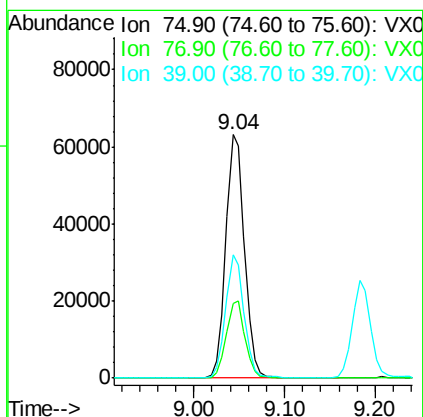
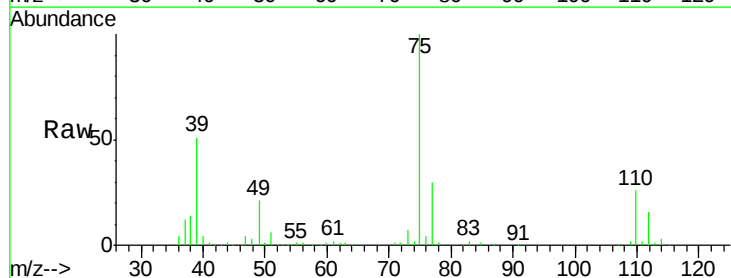
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

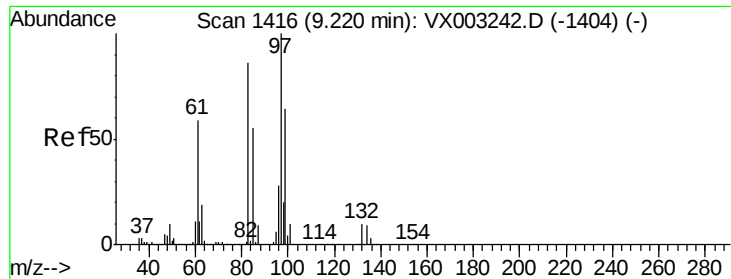
Tot Ion: 75 Resp: 100324
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 23.90 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion: 75 Resp: 90379
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 50.4 42.4 63.6

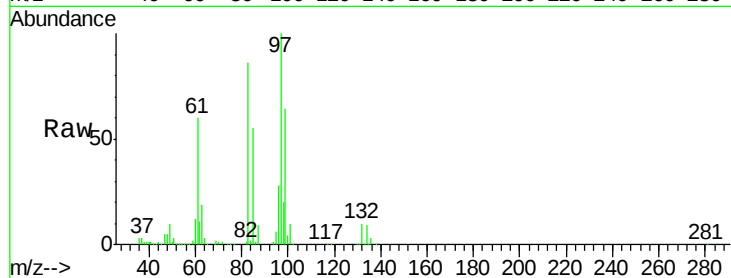




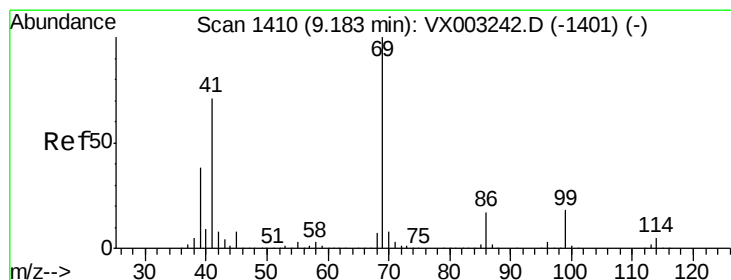
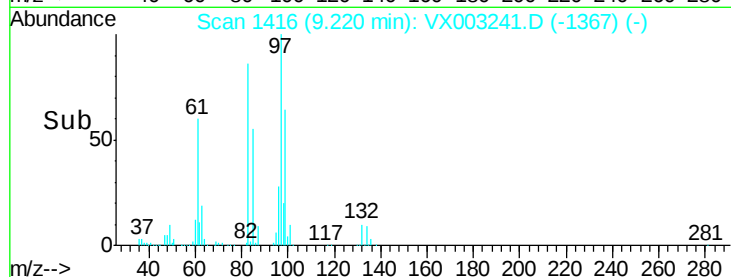
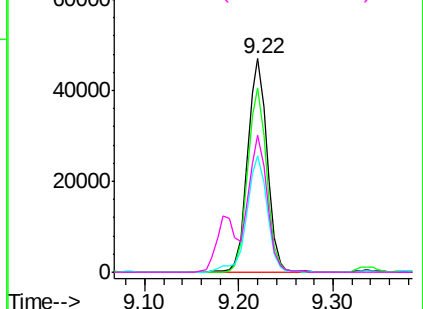
#55
 1,1,2-Trichloroethane
 Concen: 25.48 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 97 Resp: 68409
 Ion Ratio Lower Upper
 97 100
 83 86.2 70.2 105.2
 85 54.7 44.9 67.3
 99 64.0 49.8 74.8

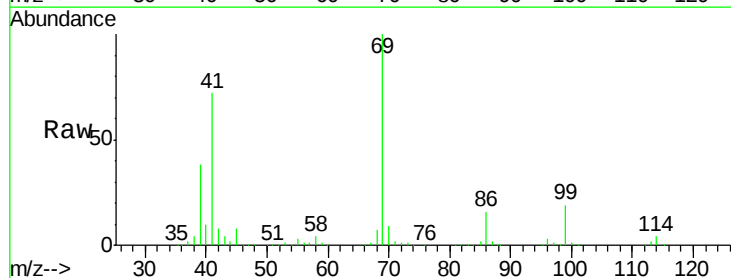


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

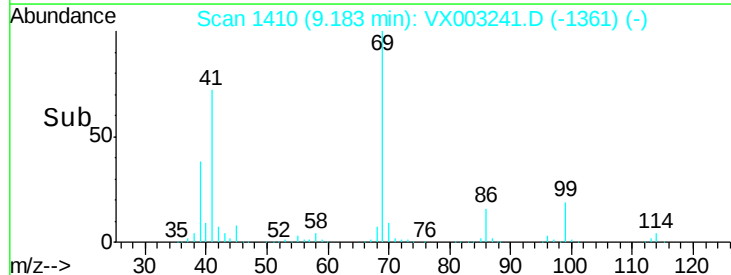
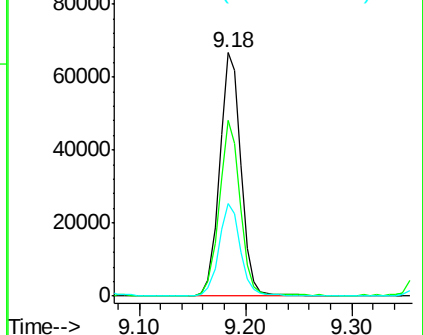


#56
 Ethyl methacrylate
 Concen: 23.77 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion: 69 Resp: 93263
 Ion Ratio Lower Upper
 69 100
 41 70.1 60.3 90.5
 39 37.8 35.8 53.8



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





#57

1,3-Dichloropropane

Concen: 24.85 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

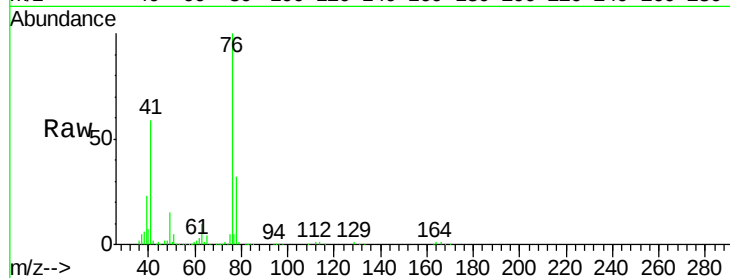
VSTDIC020

Tot Ion: 76 Resp: 109564

Ion Ratio Lower Upper

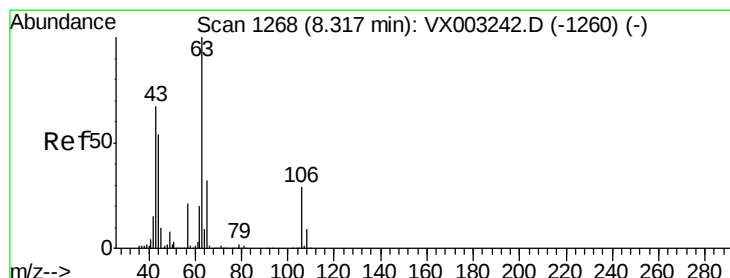
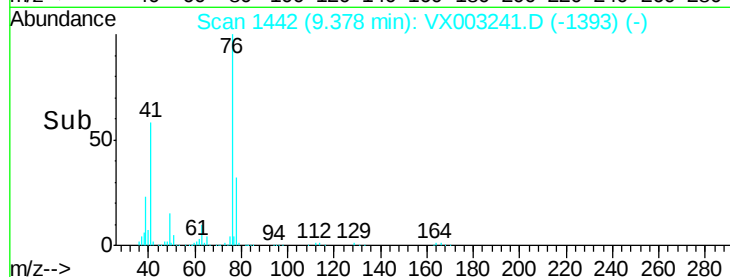
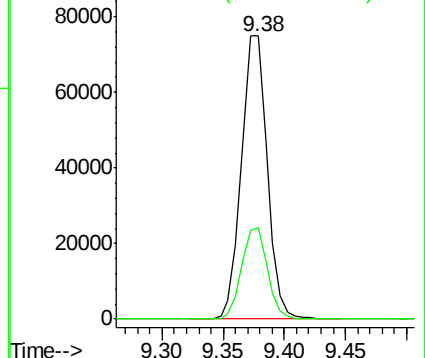
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 128.32 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003241.D

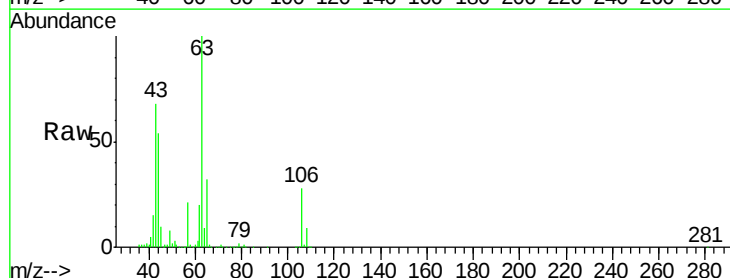
Acq: 09 Jul 2018 12:16

Tgt Ion: 63 Resp: 242911

Ion Ratio Lower Upper

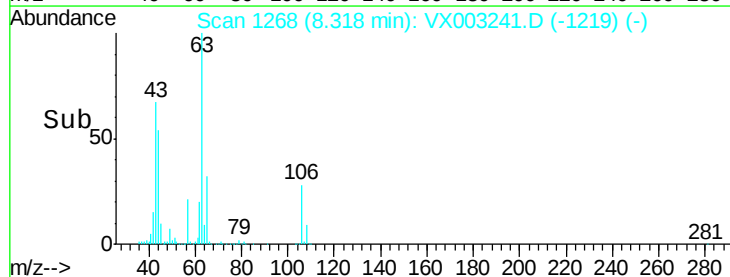
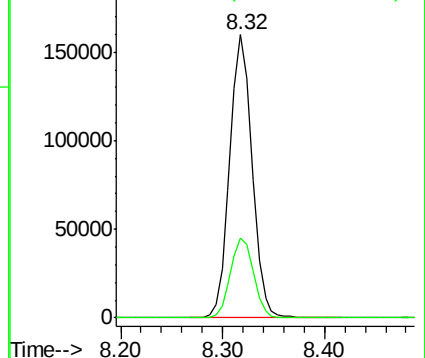
63 100

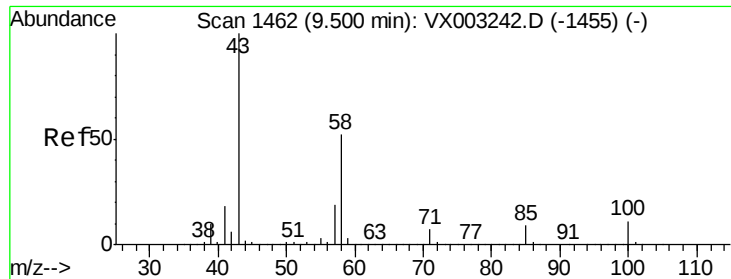
106 28.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

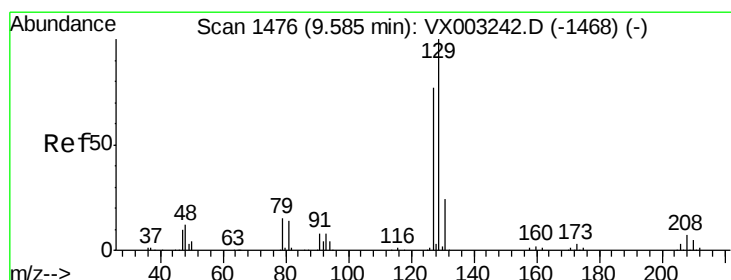
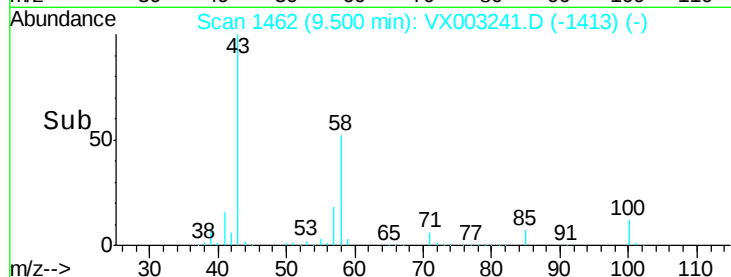
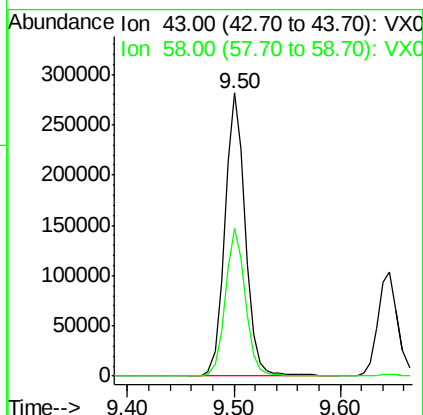
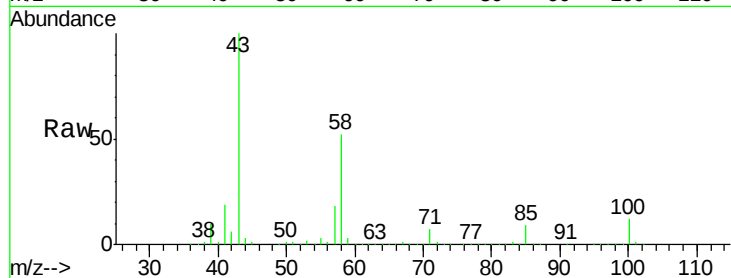




#59
2-Hexanone
Concen: 125.14 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

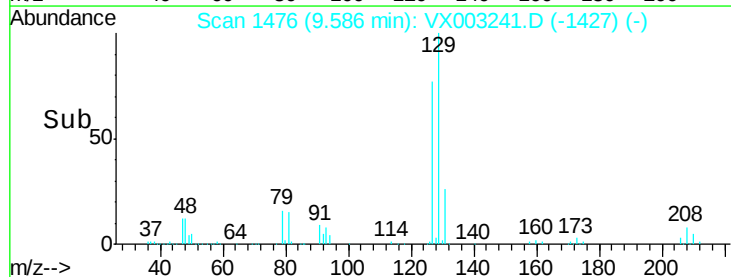
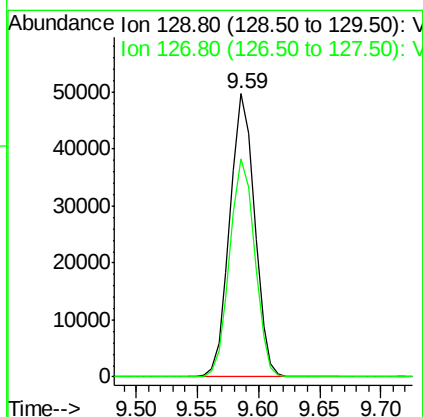
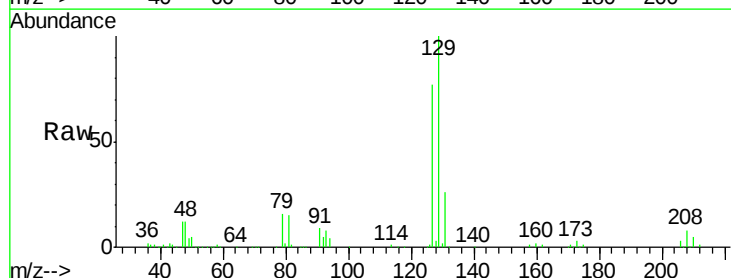
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

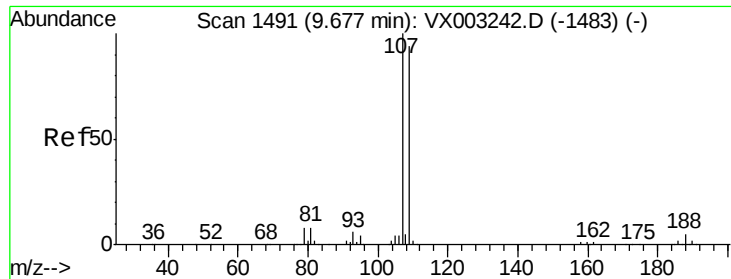
Tot Ion: 43 Resp: 377154
Ion Ratio Lower Upper
43 100
58 51.6 24.6 73.6



#60
Dibromochloromethane
Concen: 24.74 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion: 129 Resp: 69917
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 25.48 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

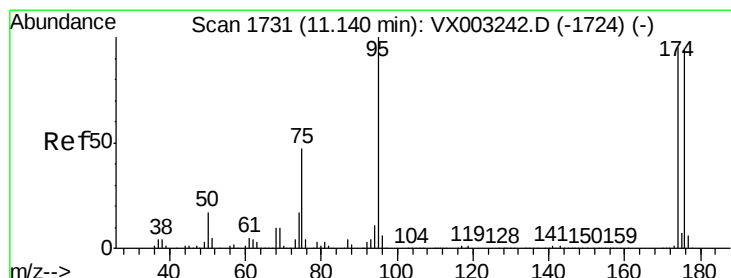
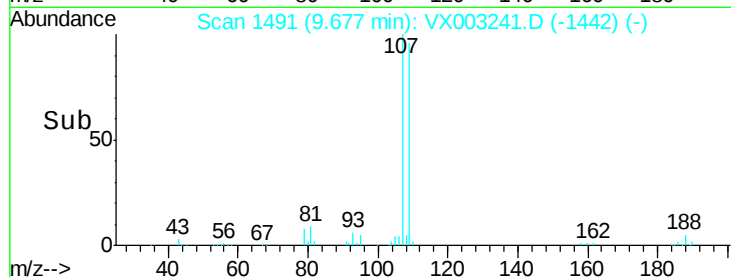
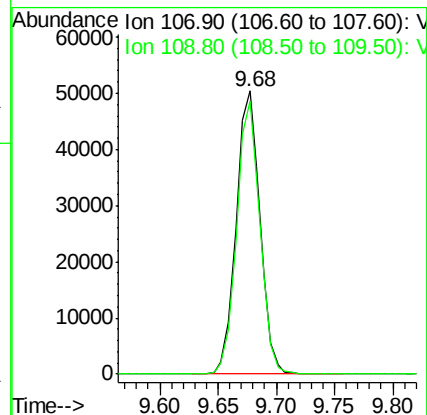
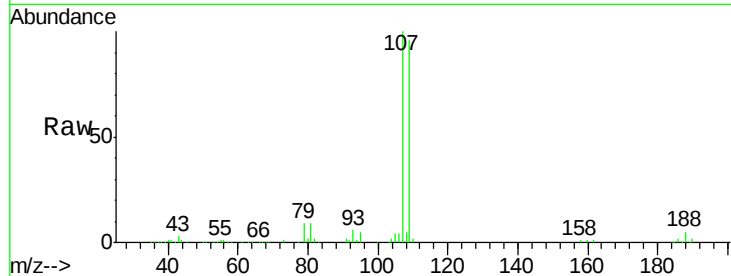
VSTDIC020

Tot Ion:107 Resp: 71749

Ion Ratio Lower Upper

107 100

109 94.3 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 25.05 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

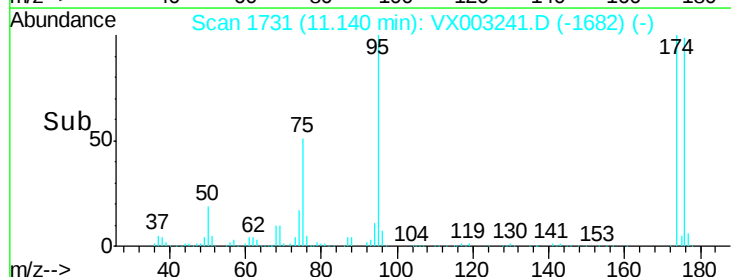
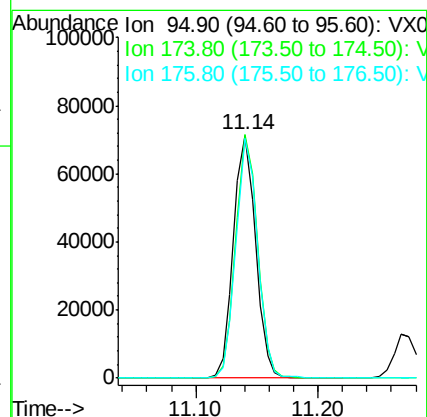
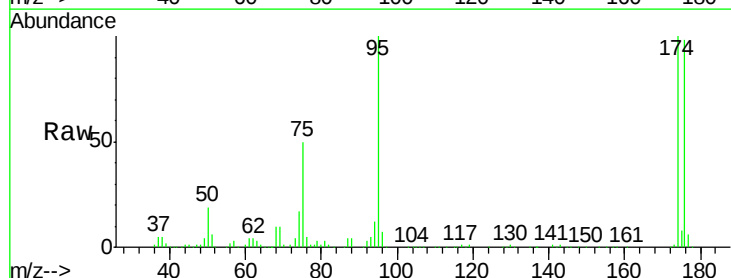
Tgt Ion: 95 Resp: 89417

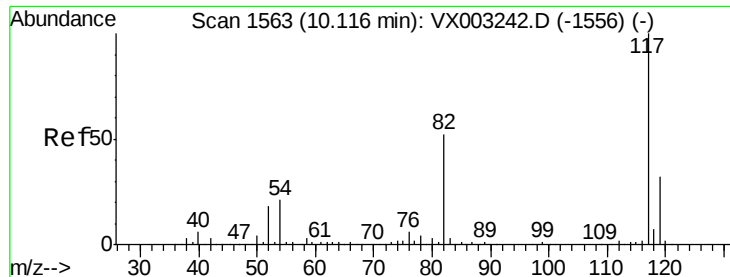
Ion Ratio Lower Upper

95 100

174 98.6 0.0 187.4

176 96.3 0.0 181.0

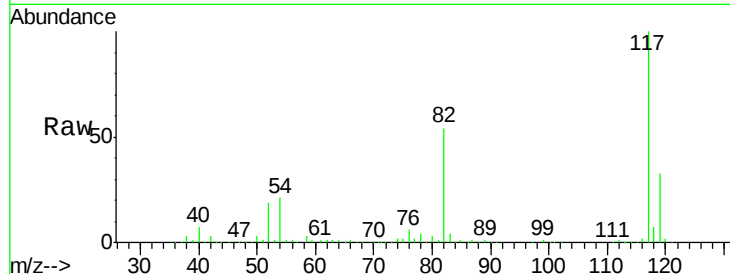




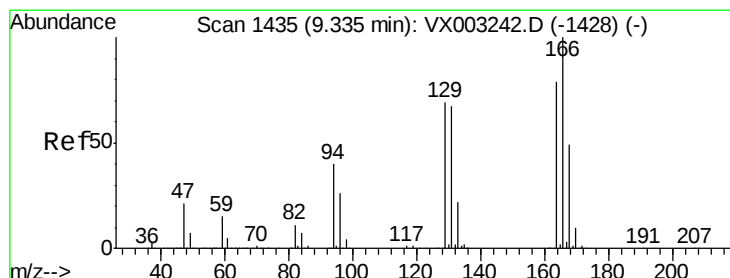
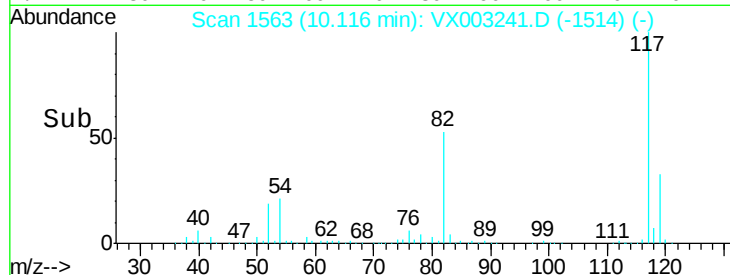
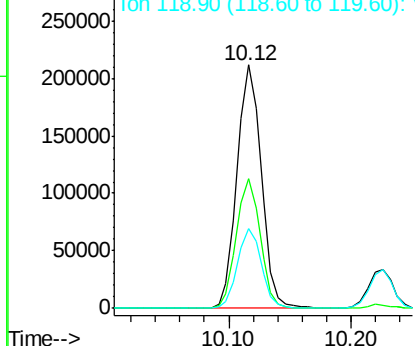
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:117 Resp: 291329
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 32.9 25.8 38.6



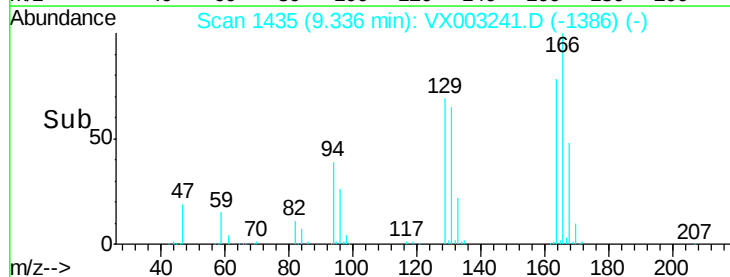
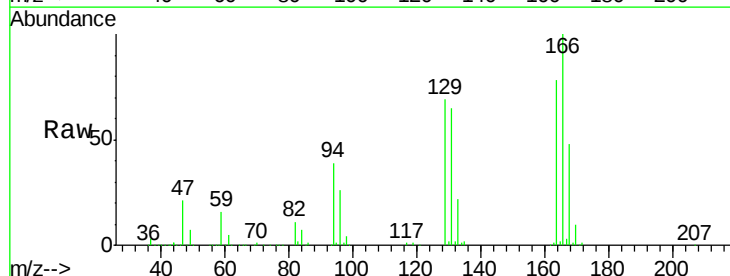
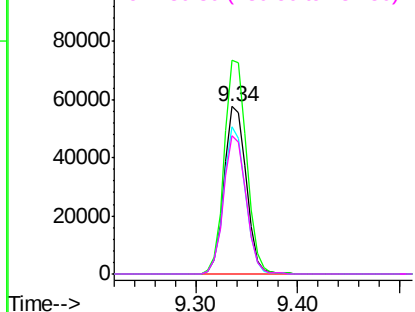
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

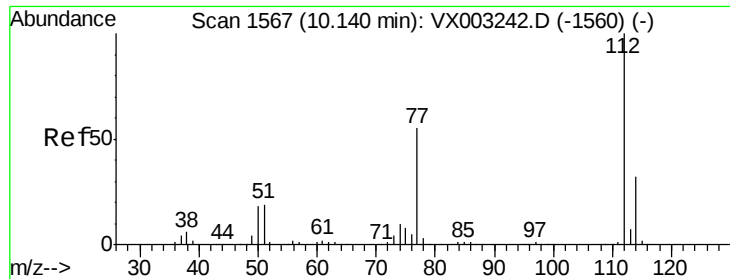


#64
Tetrachloroethene
Concen: 26.76 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion:164 Resp: 86677
Ion Ratio Lower Upper
164 100
166 127.7 102.9 154.3
129 88.2 68.6 102.8
131 83.0 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

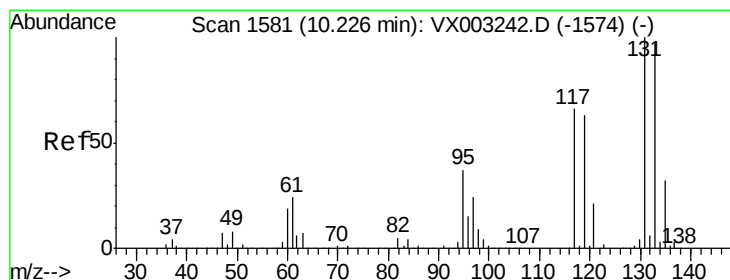
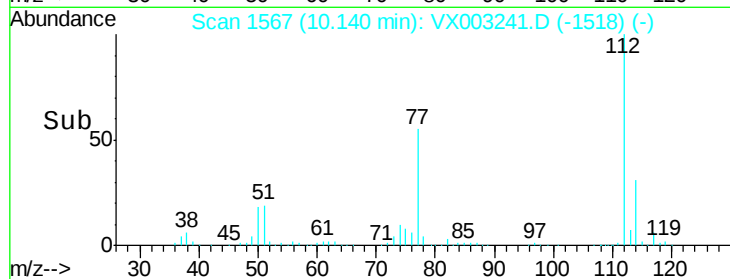
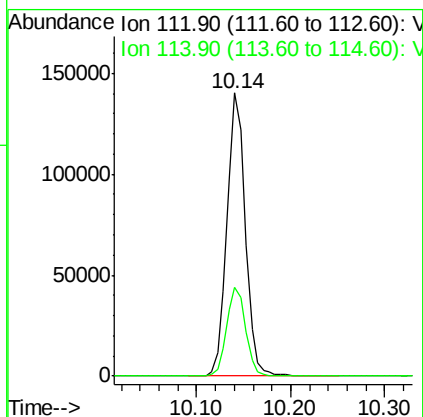
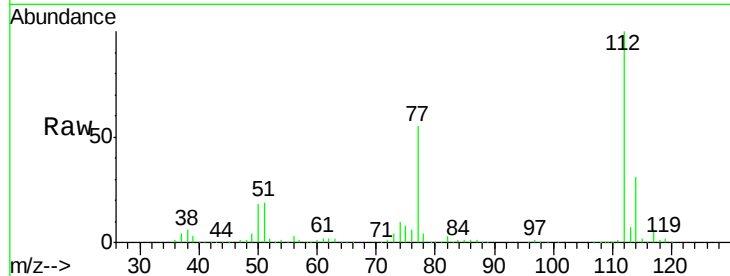




#65
Chlorobenzene
Concen: 25.77 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

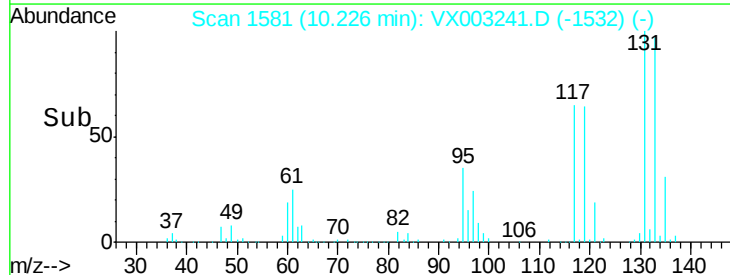
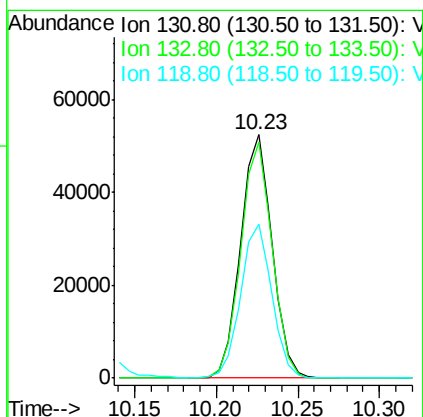
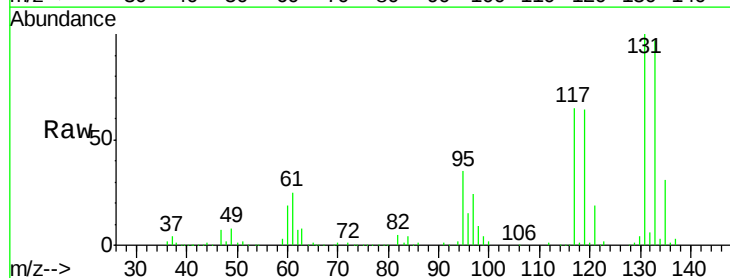
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

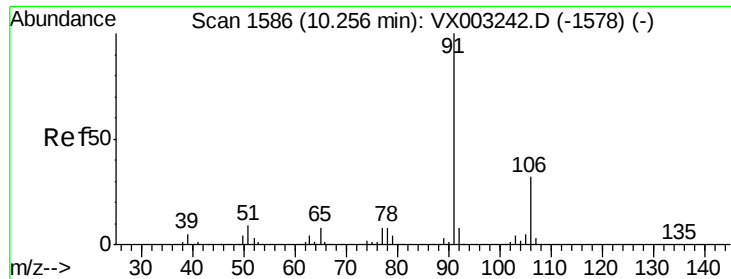
Tot Ion:112 Resp: 190679
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 26.27 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion:131 Resp: 70614
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.6
119 63.0 31.8 95.3

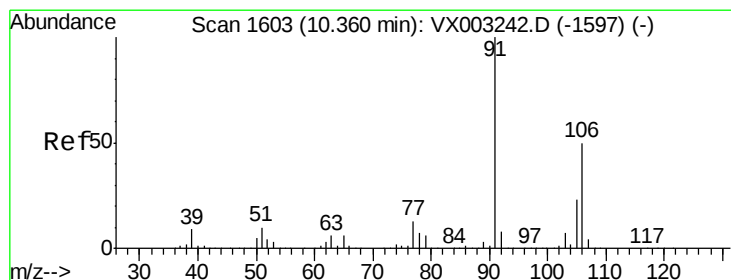
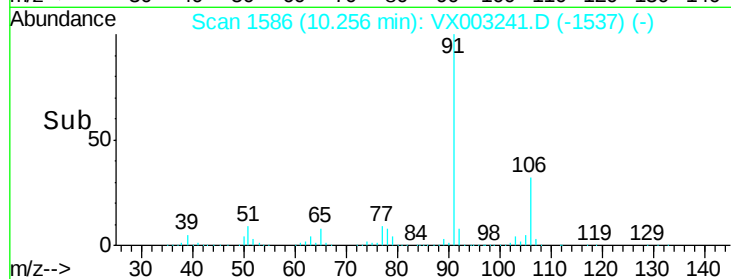
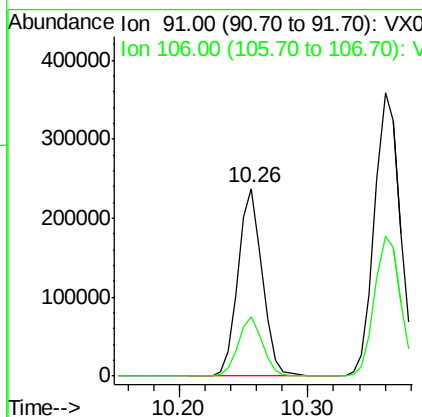
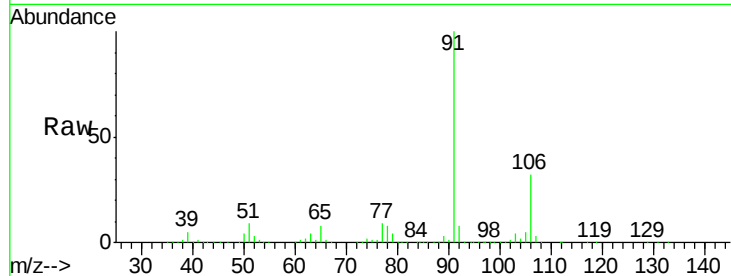




#67
Ethyl Benzene
Concen: 25.51 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

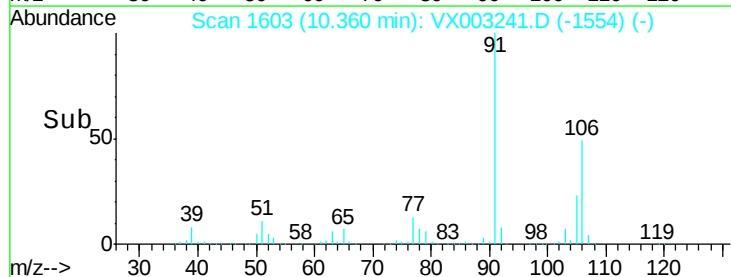
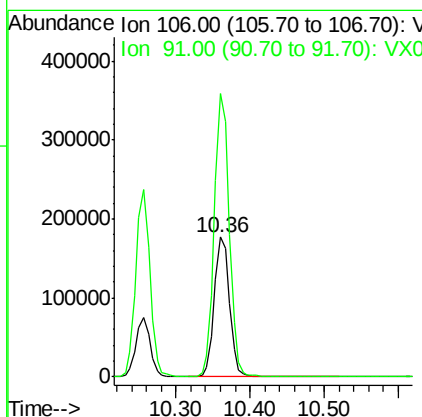
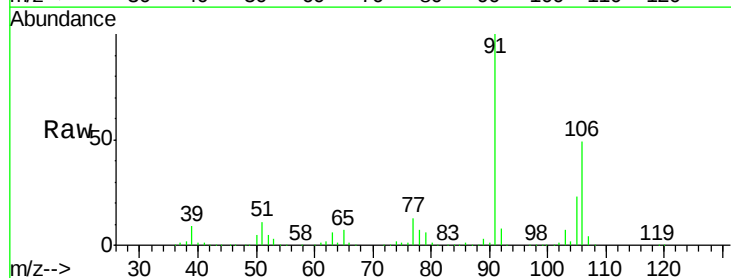
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

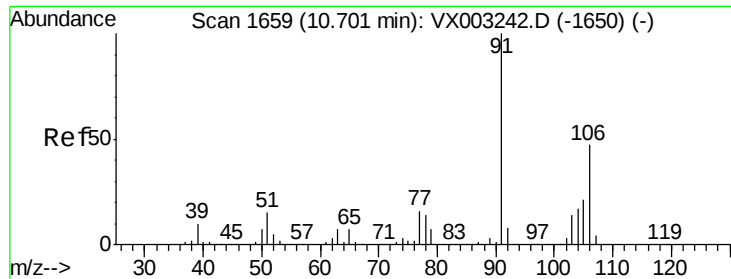
Tot Ion: 91 Resp: 311771
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 52.47 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion: 106 Resp: 247167
Ion Ratio Lower Upper
106 100
91 200.0 163.4 245.2

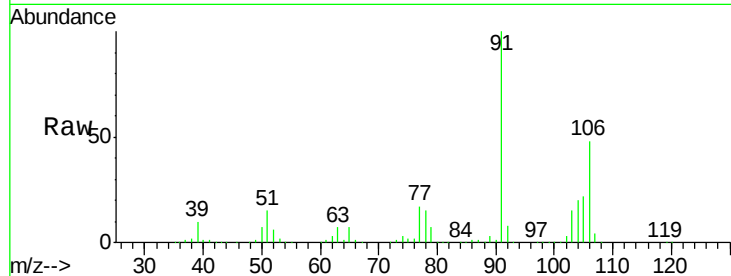




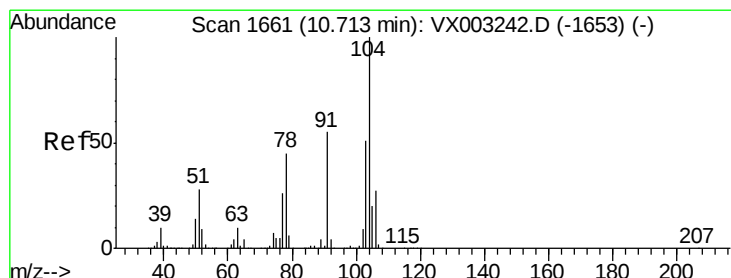
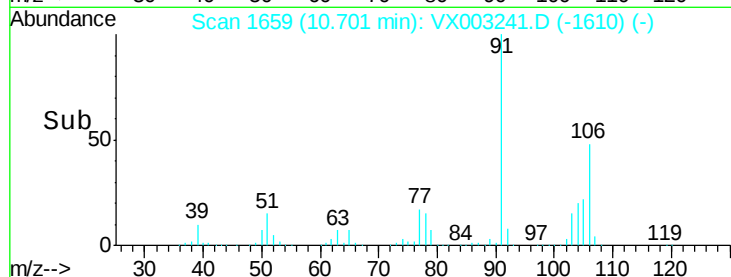
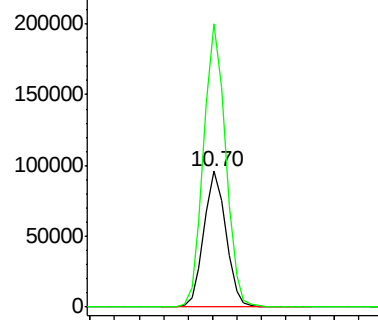
#69
o-Xylene
Concen: 25.96 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:106 Resp: 119062
Ion Ratio Lower Upper
106 100
91 209.3 108.2 324.6

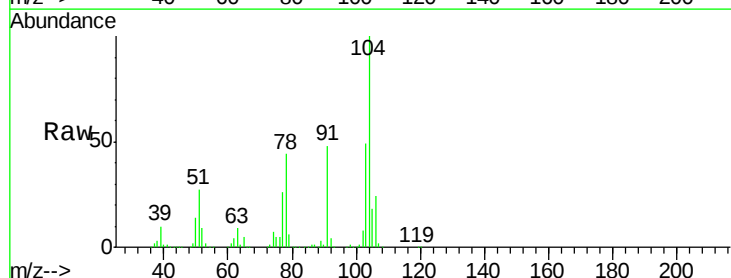


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

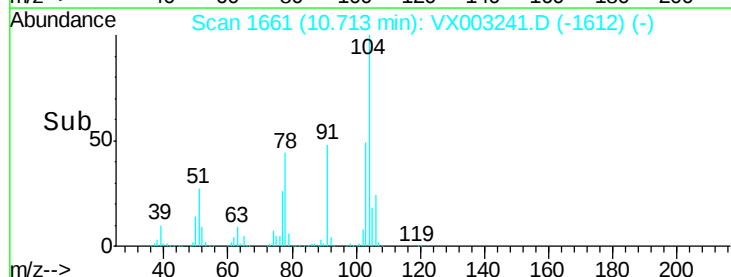
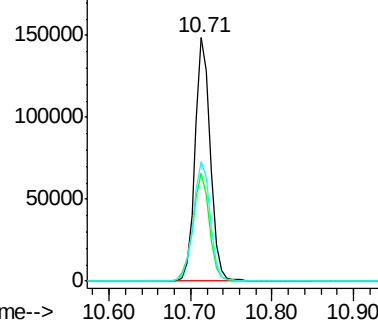


#70
Styrene
Concen: 26.11 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion:104 Resp: 194584
Ion Ratio Lower Upper
104 100
78 48.3 41.0 61.6
103 54.7 44.2 66.4



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





#71

Bromoform

Concen: 26.12 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

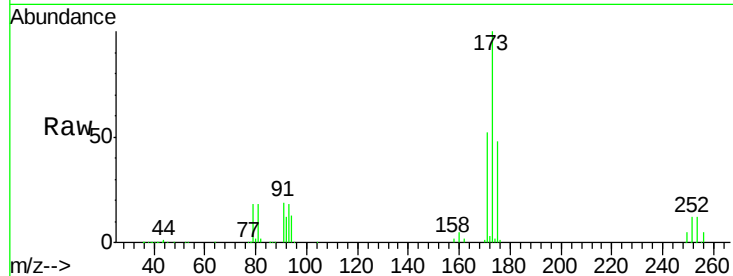
Tot Ion:173 Resp: 55185

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

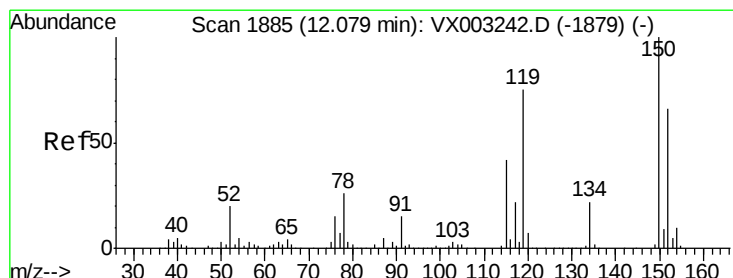
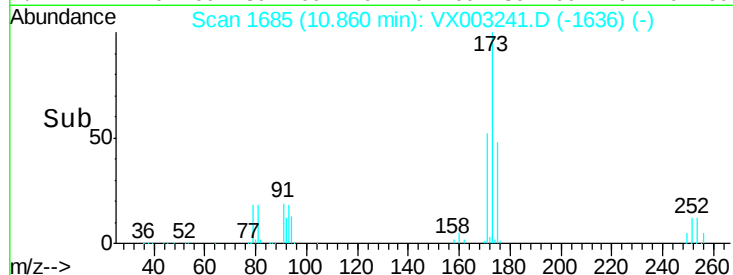
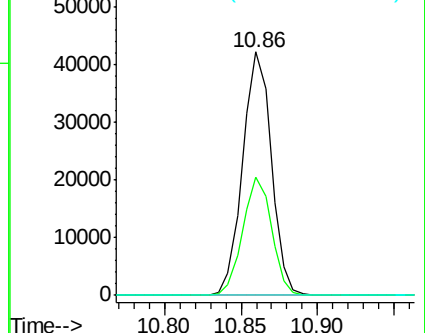
254 0.2 0.2 0.2



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

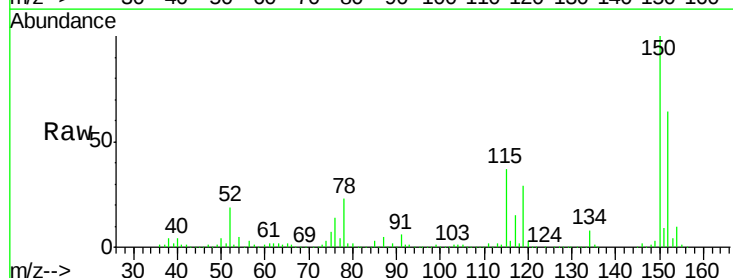
Tgt Ion:152 Resp: 204387

Ion Ratio Lower Upper

152 100

115 64.2 40.1 120.2

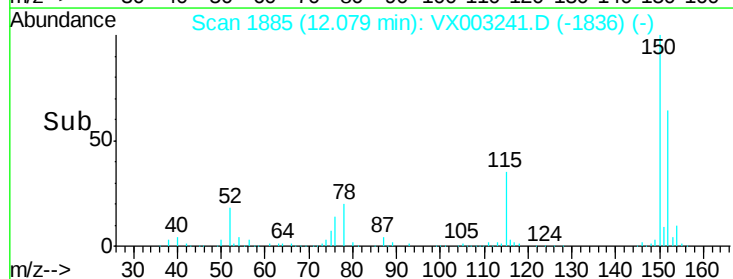
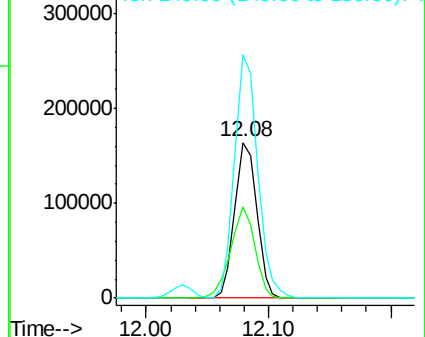
150 164.8 0.0 347.2

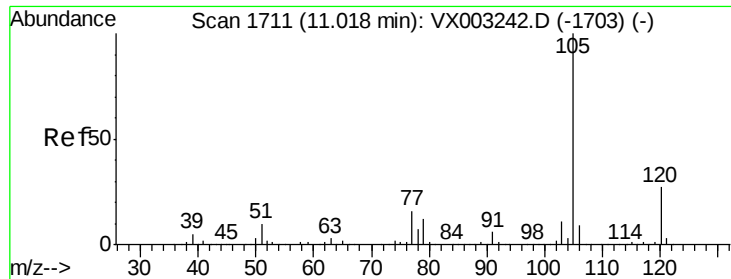


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.49 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

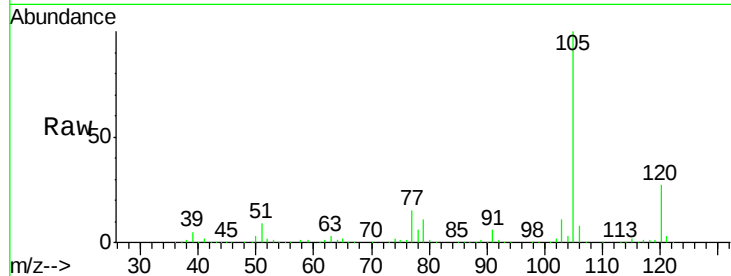
VSTDIC020

Tot Ion:105 Resp: 323022

Ion Ratio Lower Upper

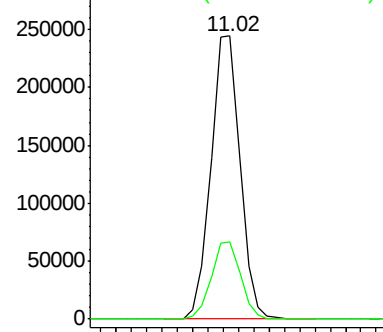
105 100

120 27.4 13.5 40.4

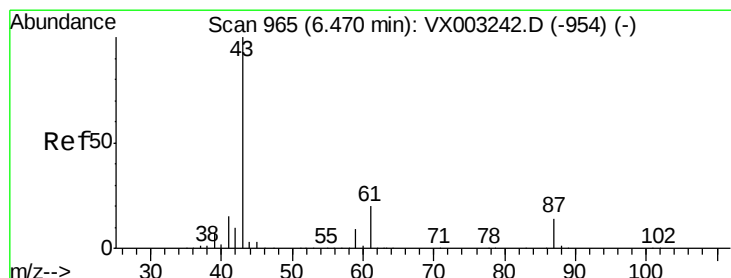
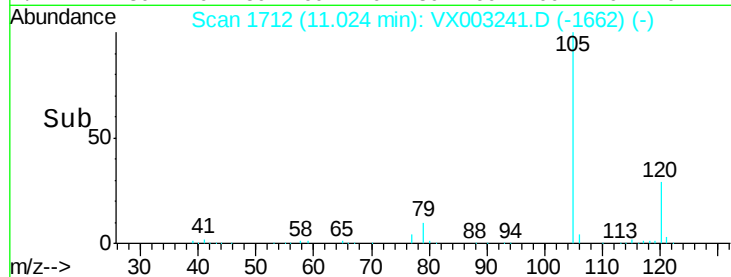


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 22.17 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Tgt Ion: 43 Resp: 149129

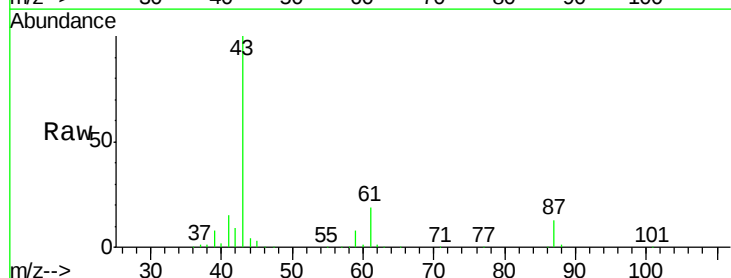
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.3 14.4 21.6

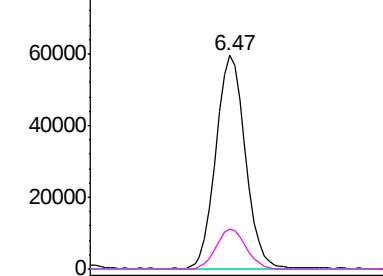


Abundance Ion 43.00 (42.70 to 43.70): VX0

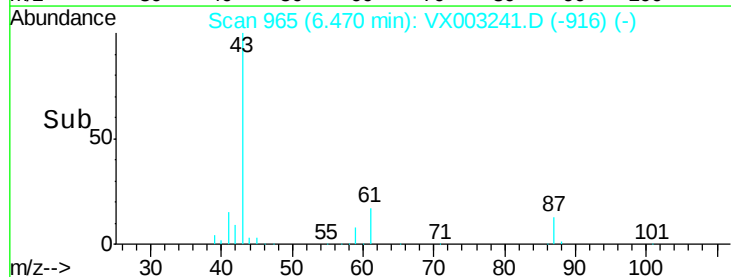
Ion 70.00 (69.70 to 70.70): VX0

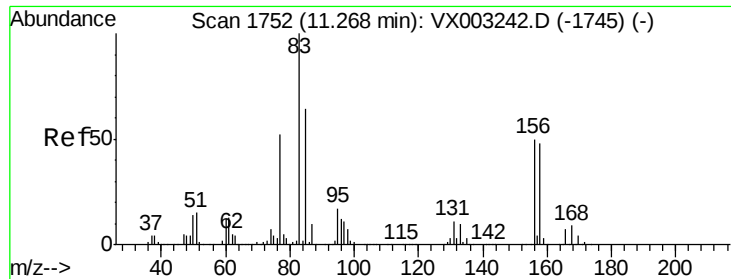
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

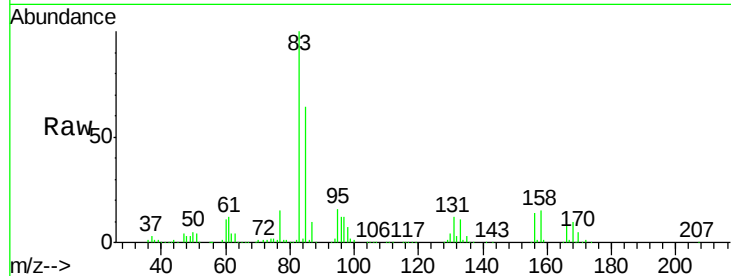
Tot Ion: 83 Resp: 98508

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

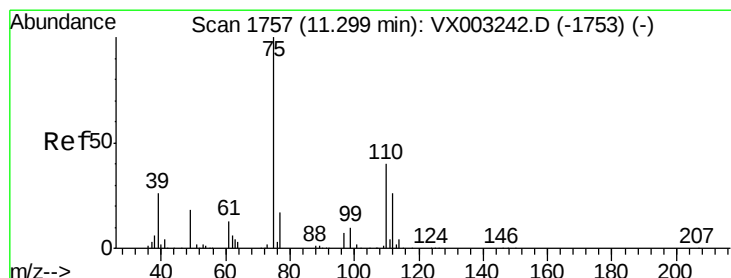
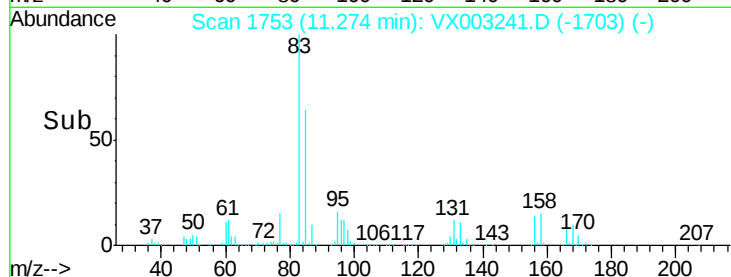
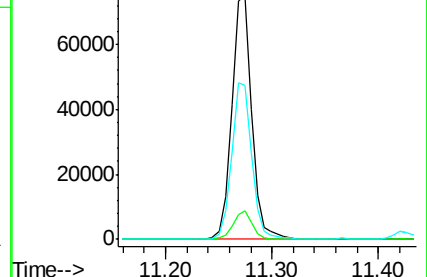
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 30.35 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003241.D

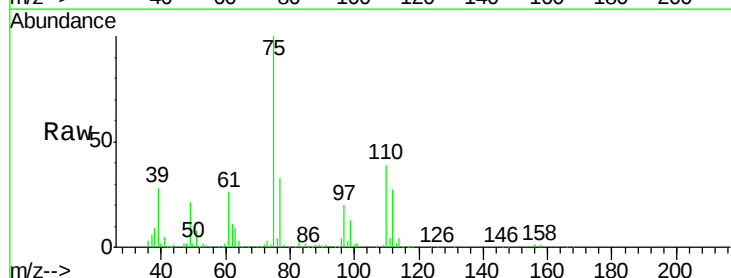
Acq: 09 Jul 2018 12:16

Tgt Ion: 75 Resp: 112367

Ion Ratio Lower Upper

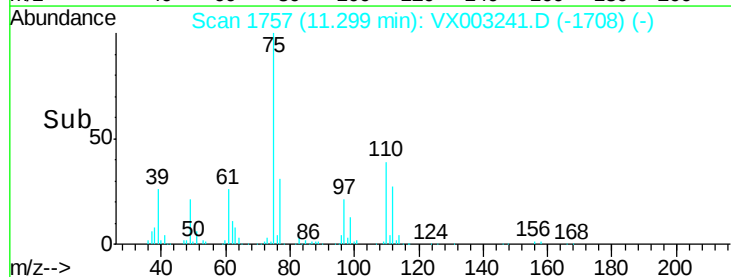
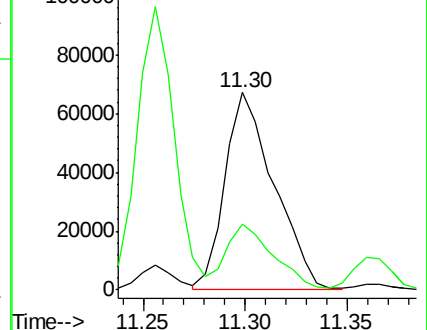
75 100

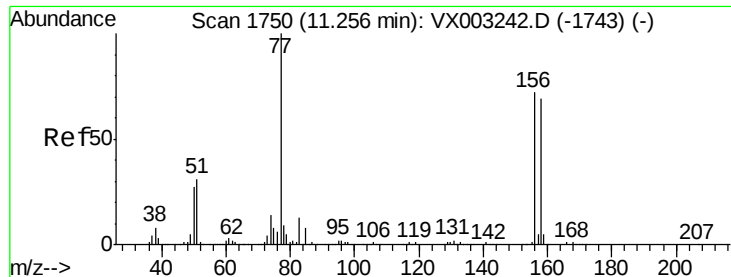
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 23.13 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

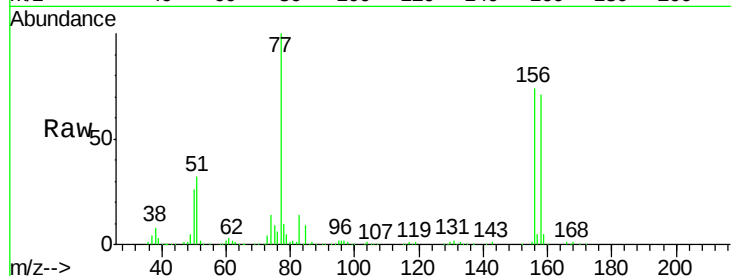
Tot Ion:156 Resp: 90548

Ion Ratio Lower Upper

156 100

77 134.4 71.4 214.2

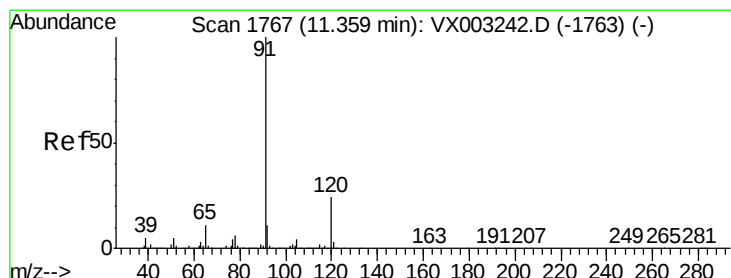
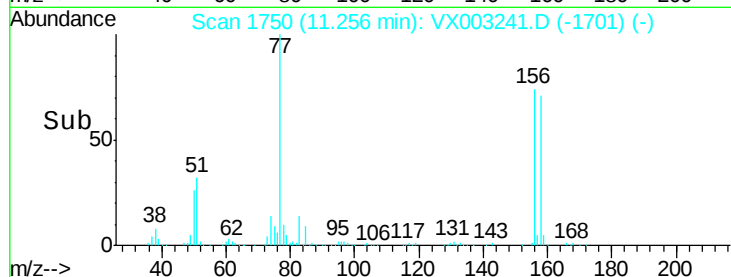
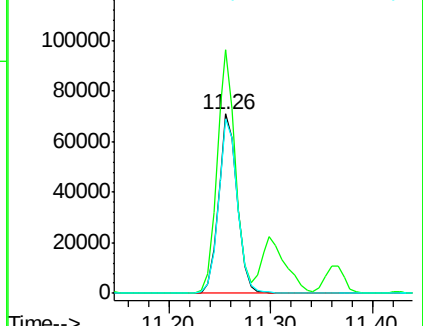
158 98.8 48.9 146.6



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: 22.94 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003241.D

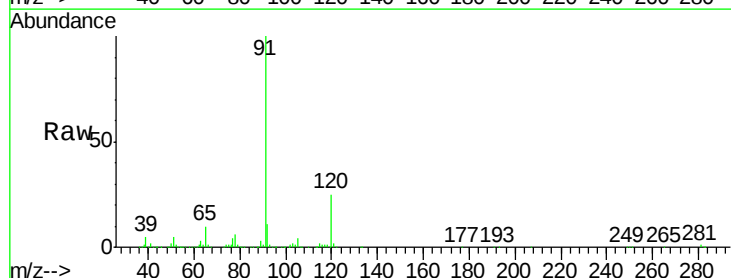
Acq: 09 Jul 2018 12:16

Tgt Ion: 91 Resp: 359023

Ion Ratio Lower Upper

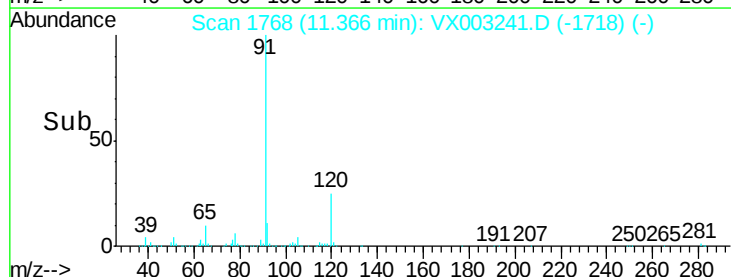
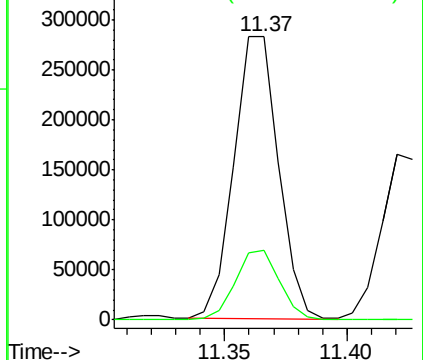
91 100

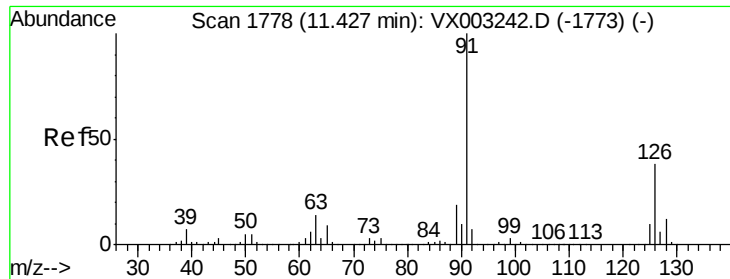
120 24.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

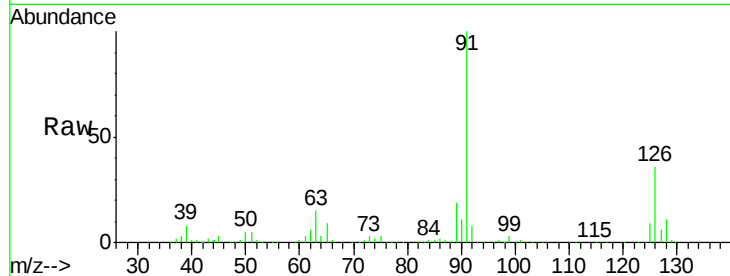




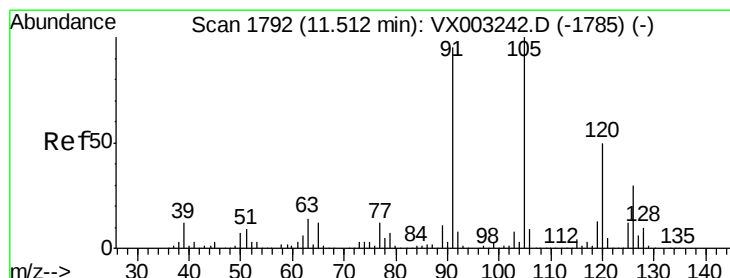
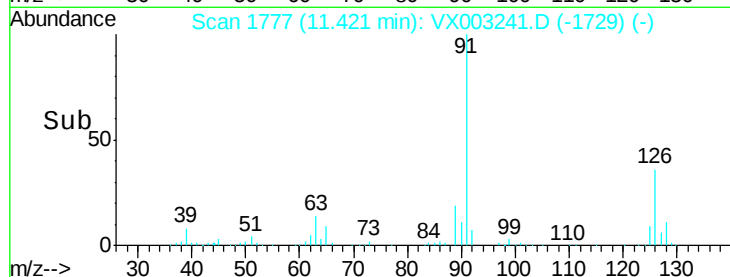
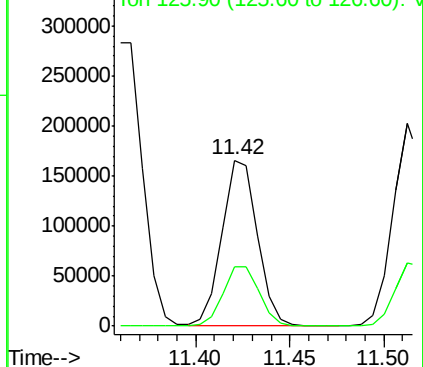
#79
 2-Chlorotoluene
 Concen: 22.65 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 214651
 Ion Ratio Lower Upper
 91 100
 126 36.8 17.7 53.1

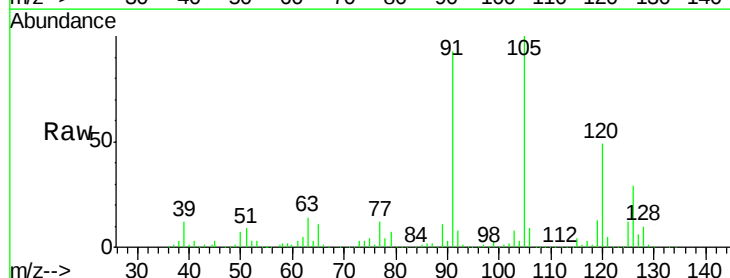


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

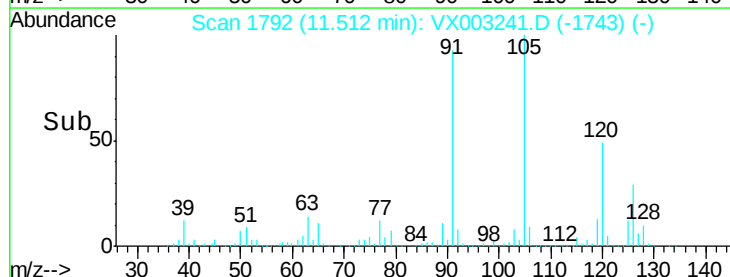
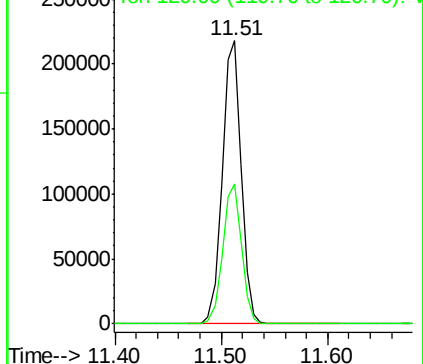


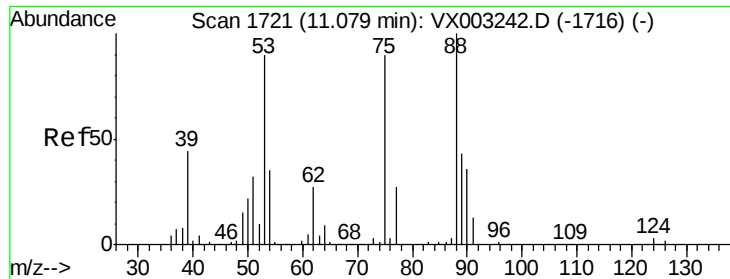
#80
 1,3,5-Trimethylbenzene
 Concen: 23.25 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion: 105 Resp: 269232
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 23.30 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

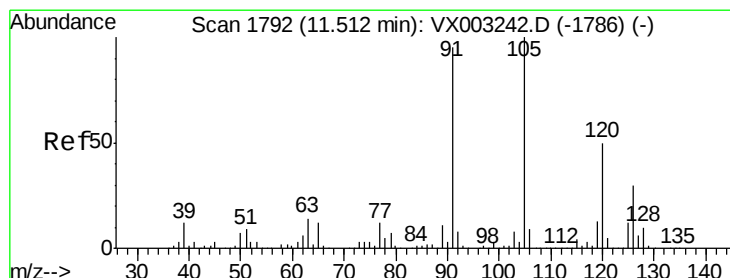
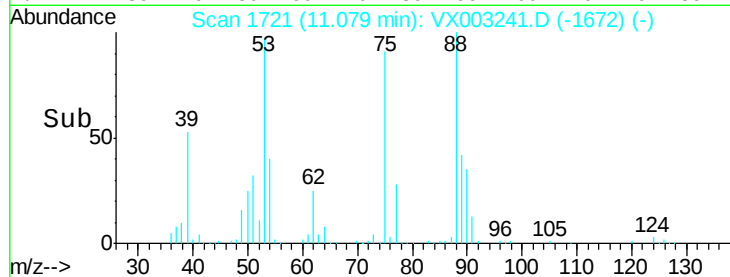
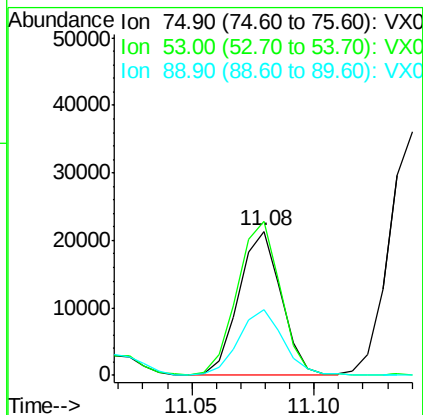
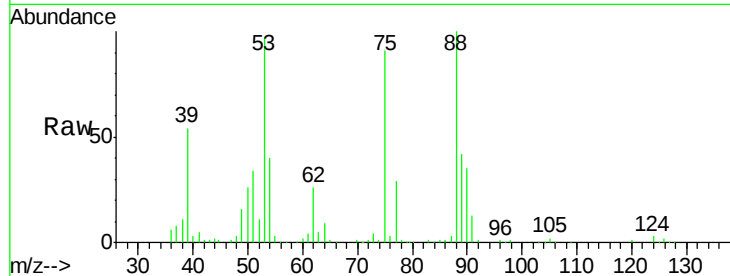
Tot Ion: 75 Resp: 25433

Ion Ratio Lower Upper

75 100

53 110.3 86.8 130.2

89 49.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 22.59 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003241.D

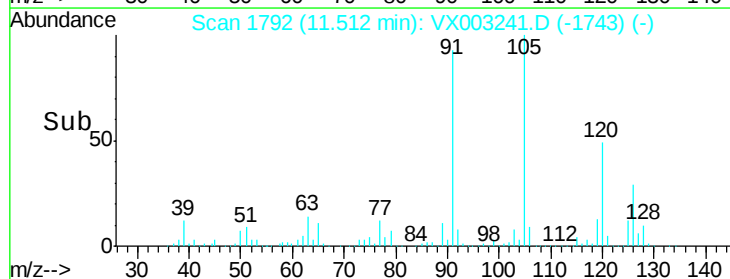
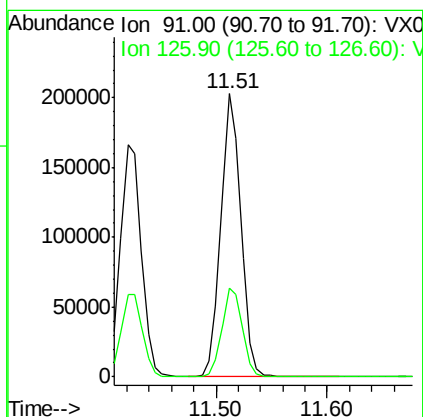
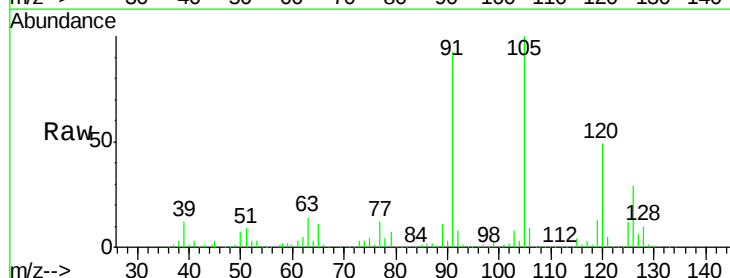
Acq: 09 Jul 2018 12:16

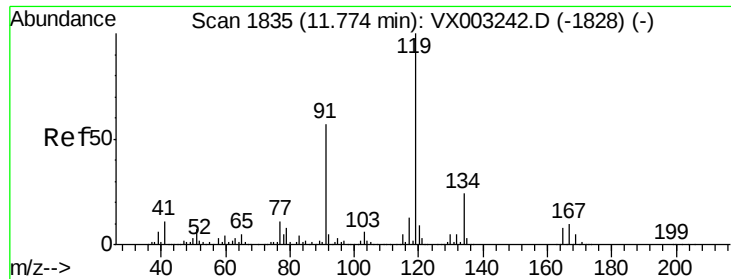
Tgt Ion: 91 Resp: 253412

Ion Ratio Lower Upper

91 100

126 31.7 15.4 46.4

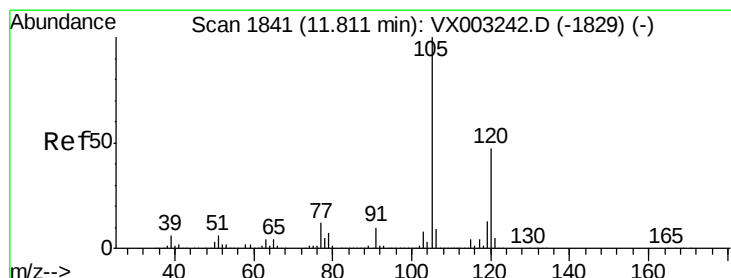
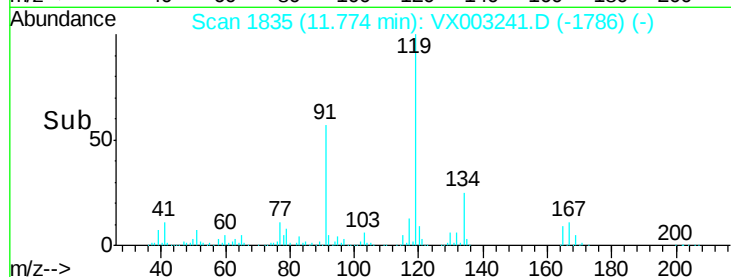
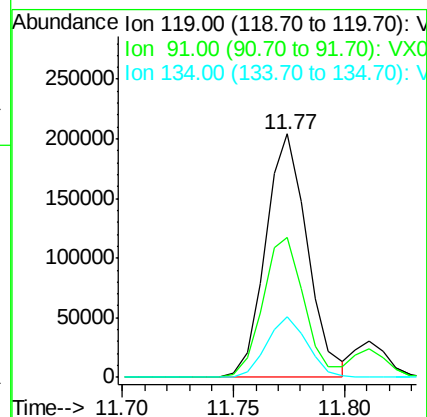
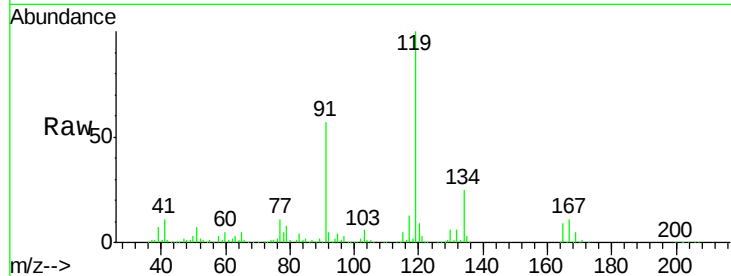




#83
 tert-Butylbenzene
 Concen: 23.30 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

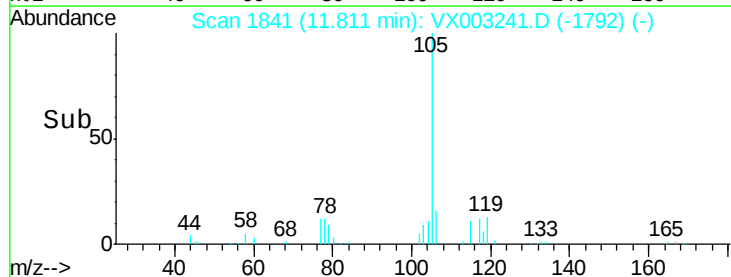
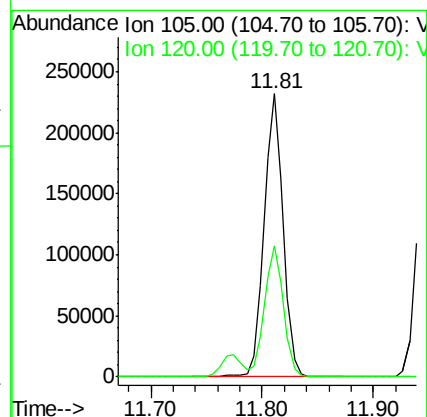
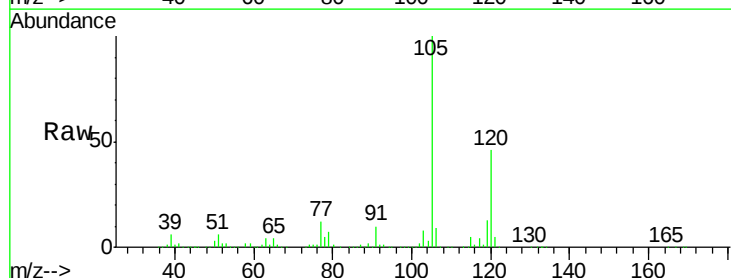
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

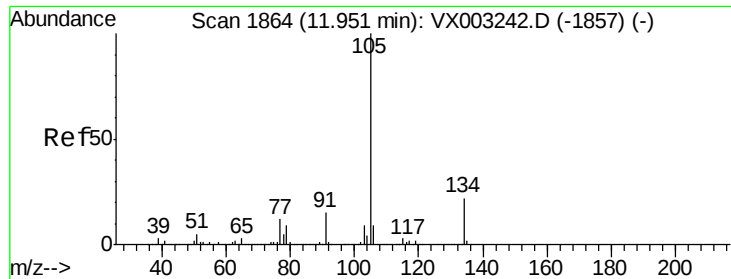
Tot Ion:119 Resp: 265957
 Ion Ratio Lower Upper
 119 100
 91 56.1 30.3 90.9
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.08 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion:105 Resp: 276956
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 22.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

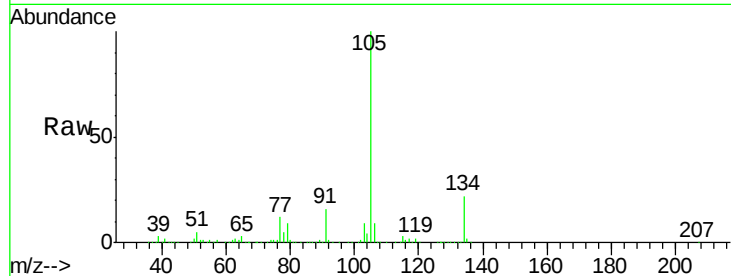
VSTDIC020

Tot Ion:105 Resp: 316755

Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

150000

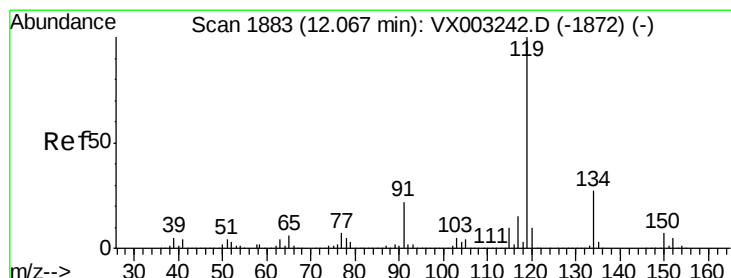
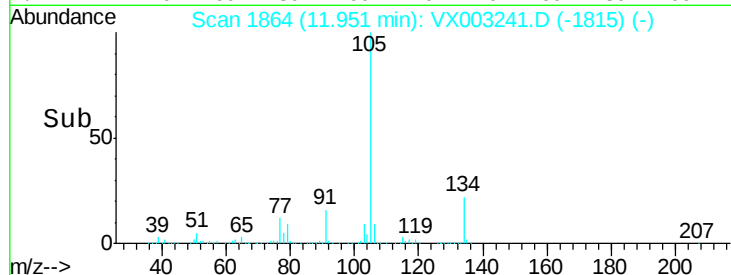
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 22.96 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

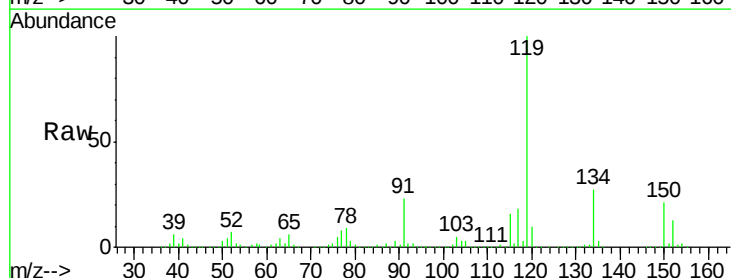
Tgt Ion:119 Resp: 285788

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.3 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

300000

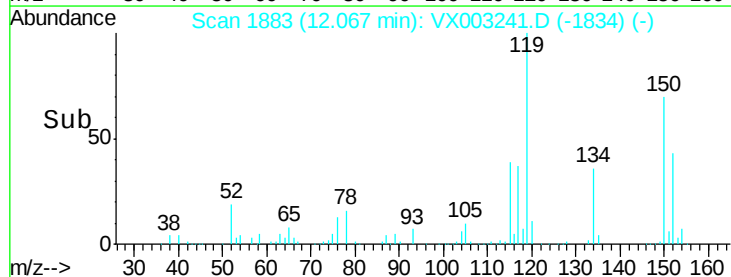
200000

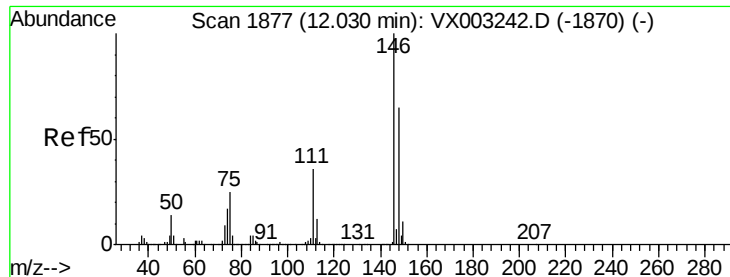
100000

0

Time-->

12.00 12.10

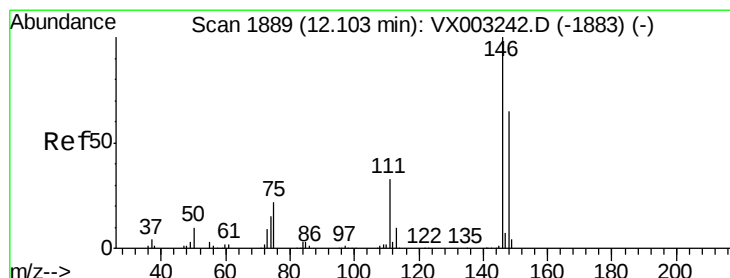
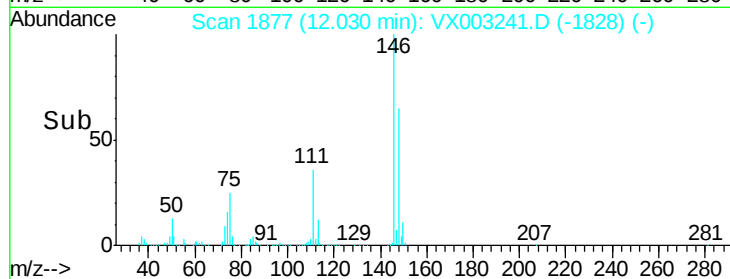
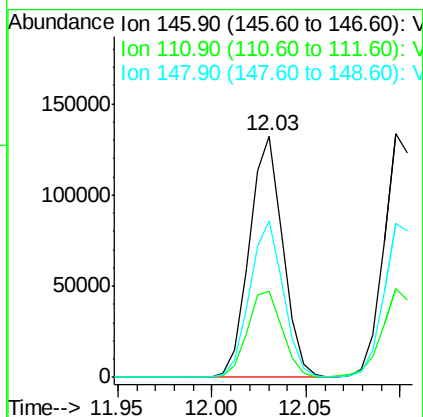
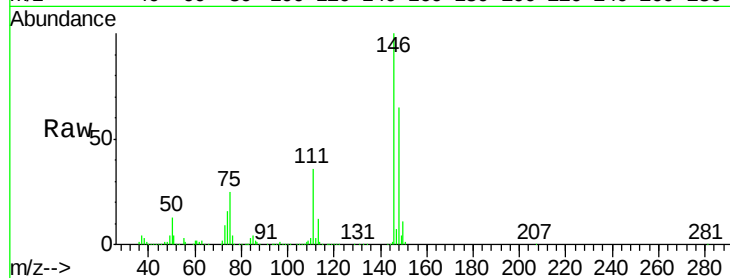




#87
 1,3-Dichlorobenzene
 Concen: 22.76 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

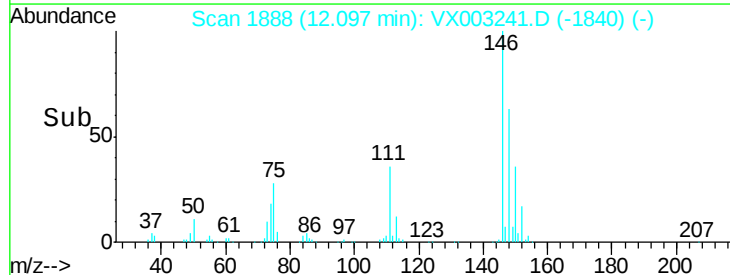
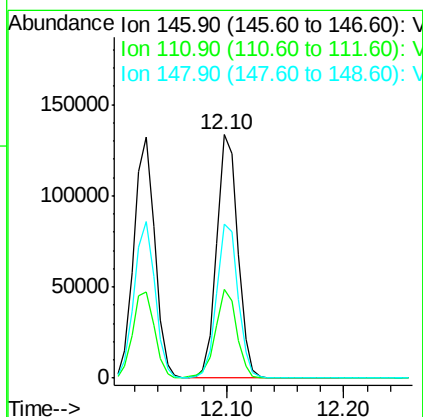
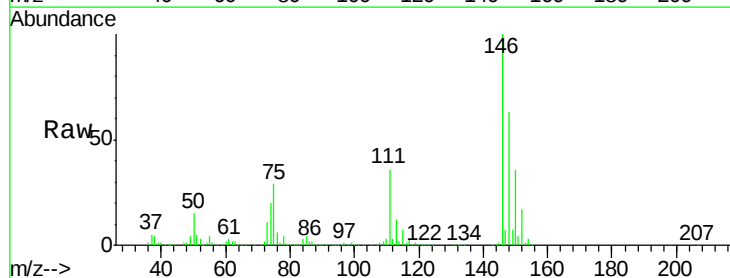
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

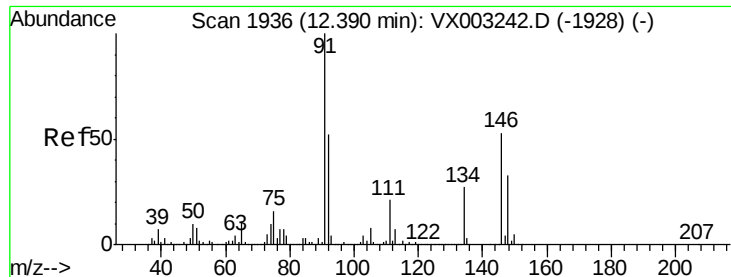
Tot Ion:146 Resp: 162744
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.7
 148 65.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 22.64 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion:146 Resp: 166593
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.7 56.1
 148 63.8 32.4 97.0

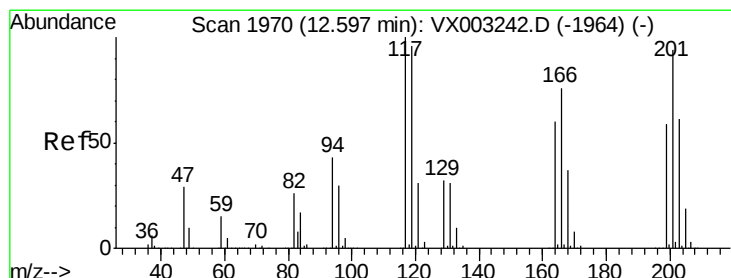
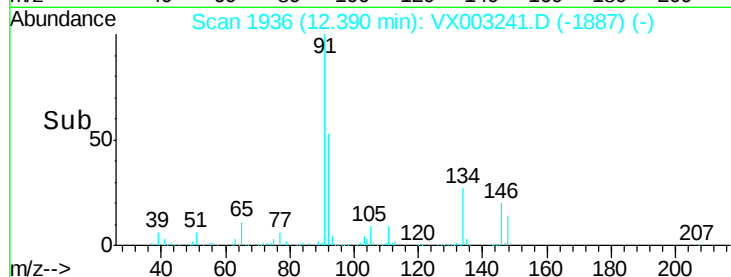
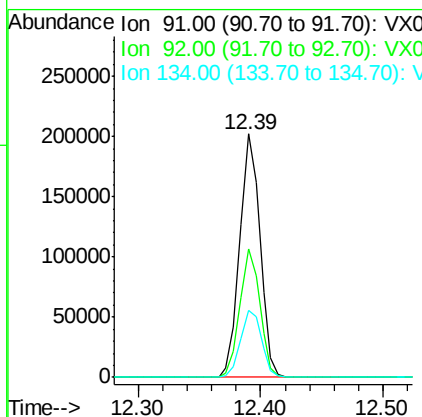
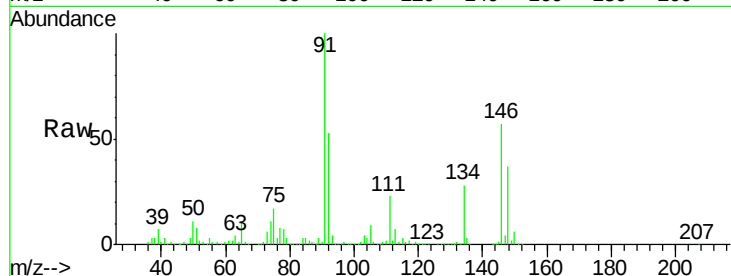




#89
n-Butylbenzene
Concen: 21.42 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

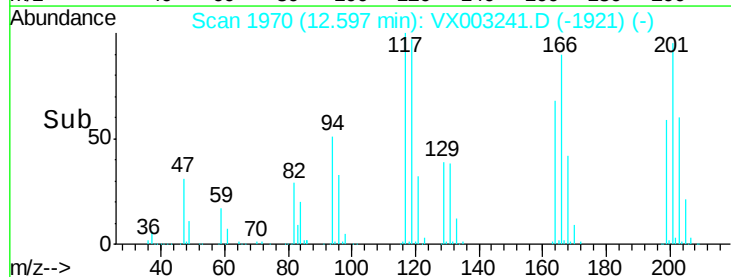
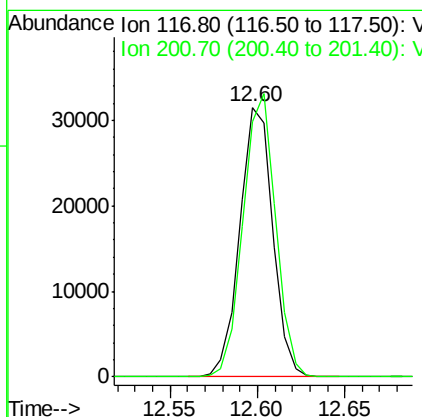
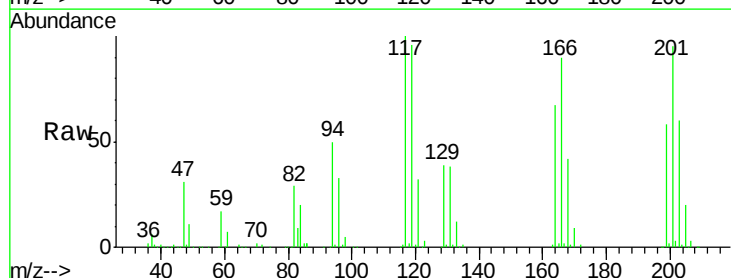
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

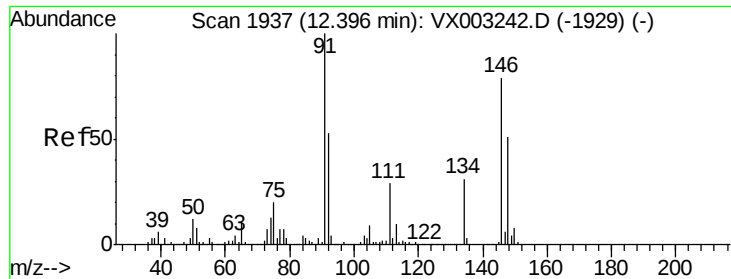
Tot Ion: 91 Resp: 232055
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 28.5 13.5 40.5



#90
Hexachloroethane
Concen: 22.29 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003241.D
Acq: 09 Jul 2018 12:16

Tgt Ion: 117 Resp: 41278
Ion Ratio Lower Upper
117 100
201 103.6 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 23.06 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

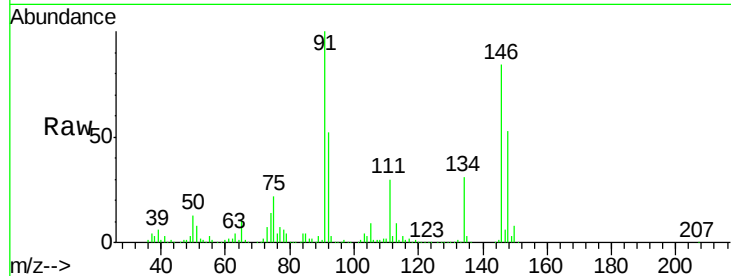
Tot Ion:146 Resp: 166472

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.1

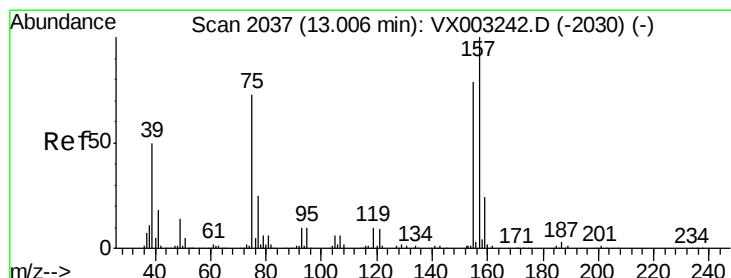
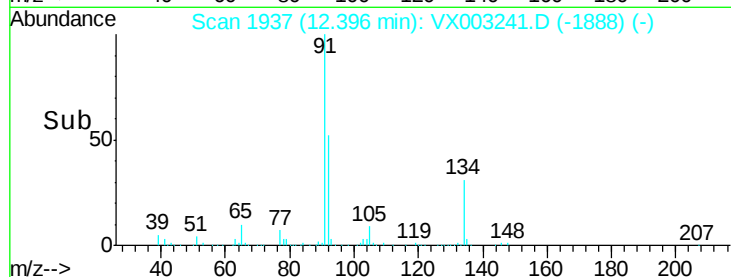
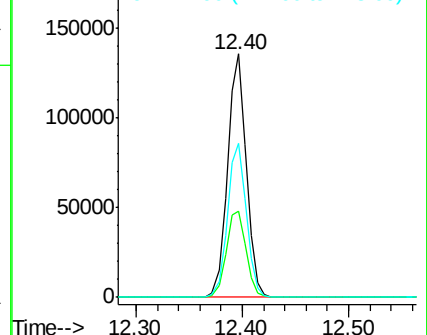
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.58 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

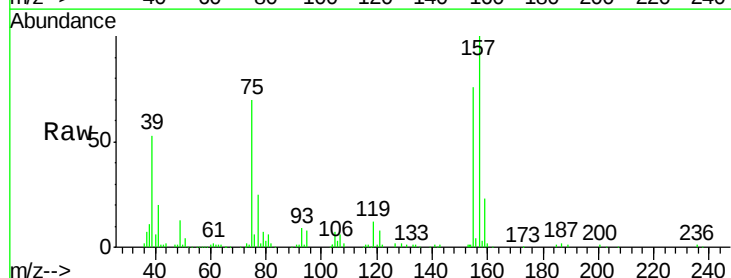
Tgt Ion: 75 Resp: 20552

Ion Ratio Lower Upper

75 100

155 102.9 45.8 137.4

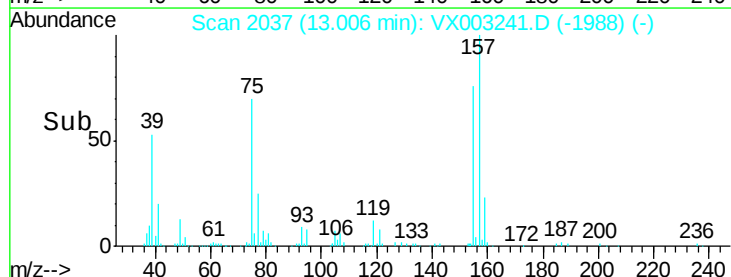
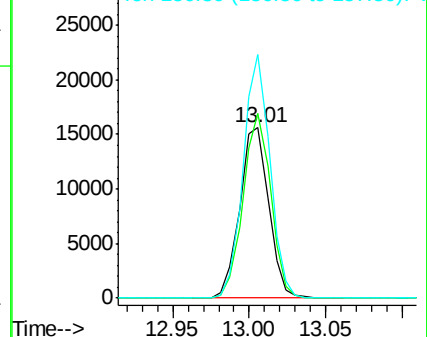
157 131.2 60.1 180.3

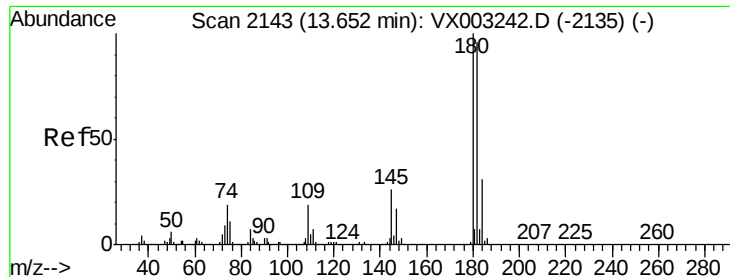


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

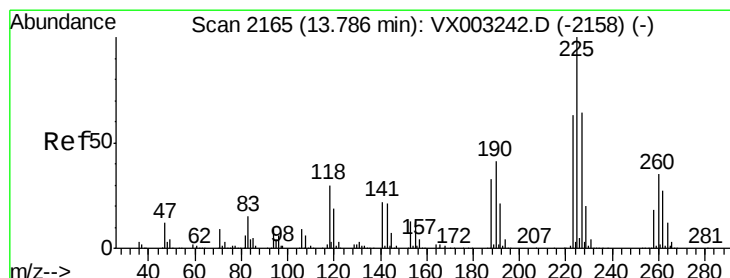
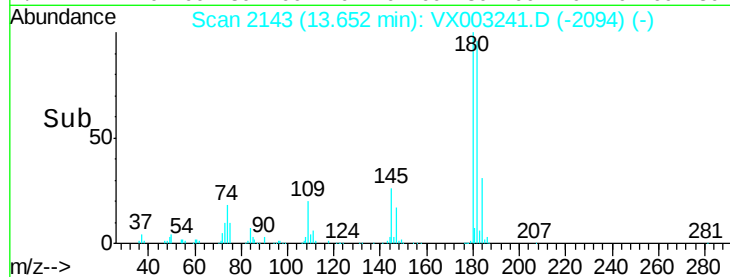
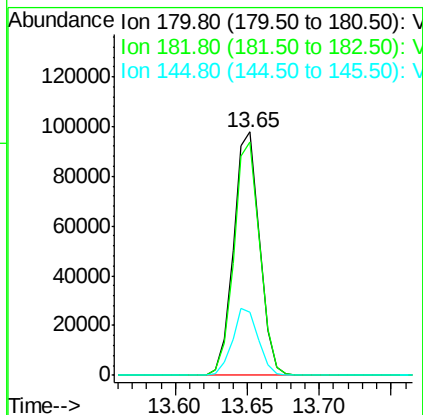
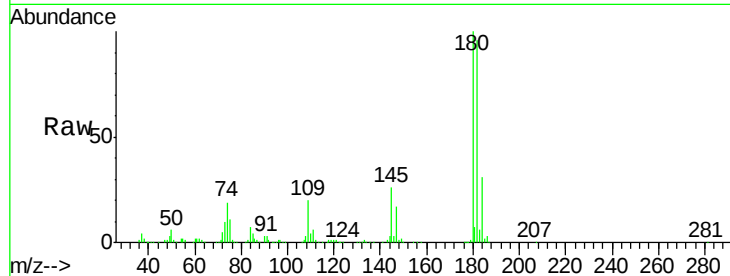




#93
 1,2,4-Trichlorobenzene
 Concen: 23.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

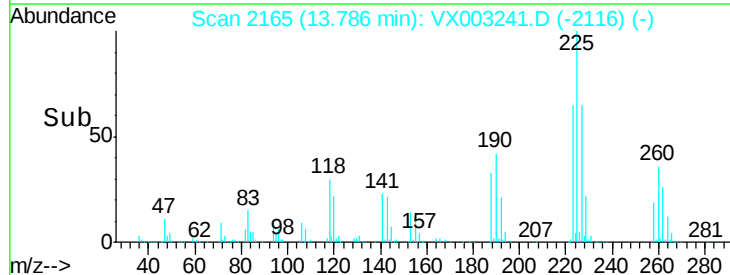
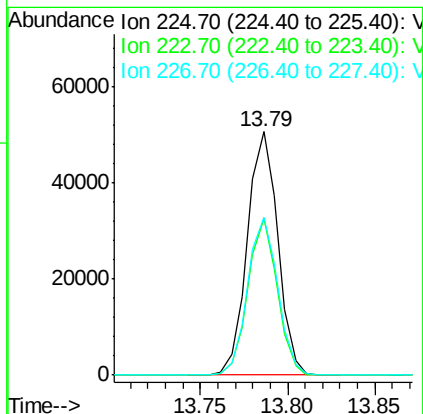
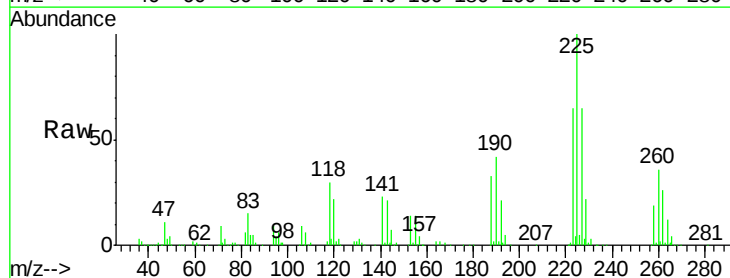
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

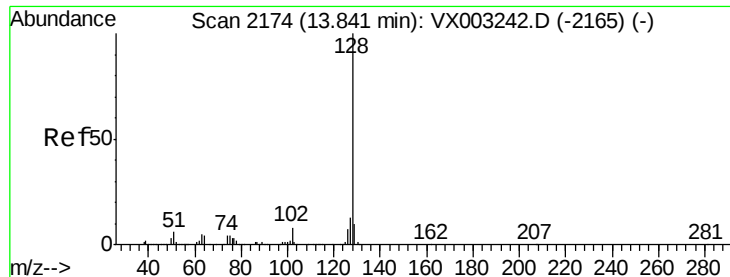
Tot Ion:180 Resp: 123364
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 27.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 23.33 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003241.D
 Acq: 09 Jul 2018 12:16

Tgt Ion:225 Resp: 61133
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 95.0
 227 64.1 32.4 97.2





#95

Naphthalene

Concen: 24.04 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

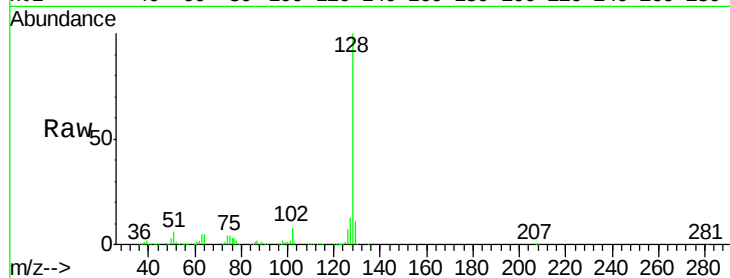
Tot Ion:128 Resp: 336331

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

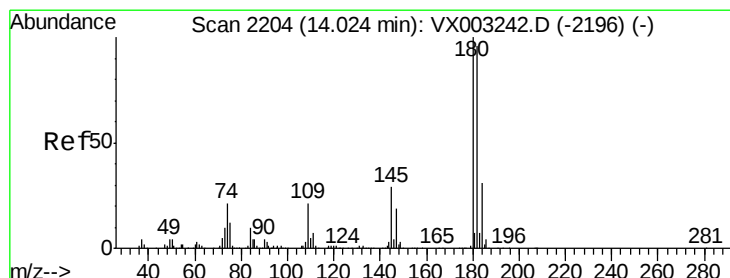
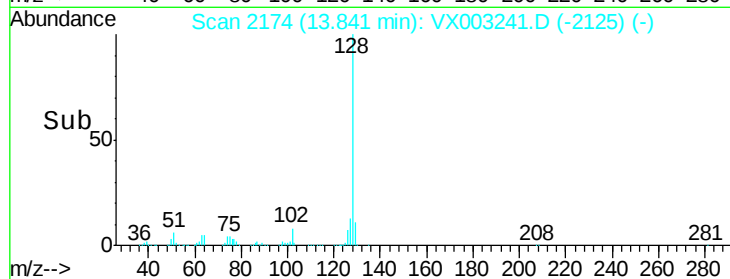
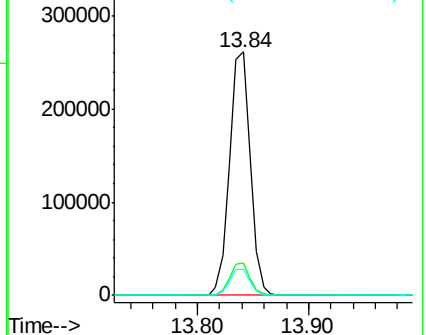
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.47 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003241.D

Acq: 09 Jul 2018 12:16

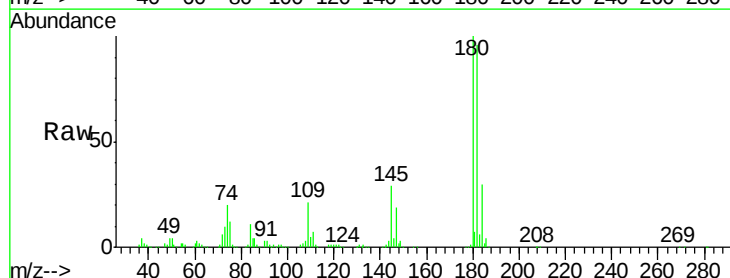
Tgt Ion:180 Resp: 123160

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.0

145 29.2 14.8 44.3



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

