

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
 Data File : VX005536.D
 Acq On : 24 Oct 2018 12:25
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 25 01:50:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	257371	98.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.86%	
35) Dibromofluoromethane	5.51	113	207572	99.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.26%	
50) Toluene-d8	8.71	98	764333	102.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.20%	
62) 4-Bromofluorobenzene	11.14	95	304178	107.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	225478	106.645	ug/l	96
3) Chloromethane	1.32	50	270806	100.576	ug/l	95
4) Vinyl Chloride	1.40	62	260132	98.254	ug/l	99
5) Bromomethane	1.64	94	163759	99.404	ug/l	99
6) Chloroethane	1.70	64	158290	93.590	ug/l	100
7) Trichlorofluoromethane	1.92	101	347232	94.387	ug/l	96
8) Diethyl Ether	2.19	74	135731	92.452	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	196288	92.996	ug/l	99
10) Methyl Iodide	2.50	142	230614	115.631	ug/l	100
11) Tert butyl alcohol	3.10	59	353090	501.817	ug/l	98
12) 1,1-Dichloroethene	2.37	96	184022	91.520	ug/l	95
13) Acrolein	2.29	56	184535	514.134	ug/l	97
14) Allyl chloride	2.72	41	418433	93.244	ug/l	99
15) Acrylonitrile	3.15	53	729878	462.595	ug/l	99
16) Acetone	2.45	43	651848	471.781	ug/l	100
17) Carbon Disulfide	2.56	76	587859	95.909	ug/l	100
18) Methyl Acetate	2.78	43	330275	85.331	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	674232	94.002	ug/l	99
20) Methylene Chloride	2.85	84	214056	92.502	ug/l	85
21) trans-1,2-Dichloroethene	3.16	96	198698	90.506	ug/l	98
22) Diisopropyl ether	3.87	45	743354	94.857	ug/l #	97
23) Vinyl Acetate	3.82	43	3407033	493.652	ug/l	95
24) 1,1-Dichloroethane	3.69	63	382476	89.771	ug/l	99
25) 2-Butanone	4.70	43	1029062	489.095	ug/l	95
26) 2,2-Dichloropropane	4.58	77	304729	92.642	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	221125	93.427	ug/l	99
28) Bromochloromethane	5.01	49	187606	91.041	ug/l	97
29) Tetrahydrofuran	5.15	42	663607	484.652	ug/l	98
30) Chloroform	5.21	83	358313	89.907	ug/l	98
31) Cyclohexane	5.57	56	344896	97.838	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	328314	93.337	ug/l	98
36) 1,1-Dichloropropene	5.80	75	284192	95.172	ug/l	99
37) Ethyl Acetate	4.86	43	355792	93.371	ug/l	99
38) Carbon Tetrachloride	5.78	117	298685	94.970	ug/l	88

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 VSTDICC100

Quant Time: Oct 25 01:50:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	332007	100.689	ug/l	98
40) Benzene	6.13	78	852318	99.570	ug/l	95
41) Methacrylonitrile	5.06	41	205300	96.722	ug/l	97
42) 1,2-Dichloroethane	6.20	62	298539	91.807	ug/l	100
43) Isopropyl Acetate	6.46	43	568737	99.602	ug/l	98
44) Trichloroethene	7.21	130	219784	94.249	ug/l	97
45) 1,2-Dichloropropane	7.52	63	216493	94.072	ug/l	98
46) Dibromomethane	7.66	93	139195	93.648	ug/l	99
47) Bromodichloromethane	7.90	83	277123	96.062	ug/l	97
48) Methyl methacrylate	7.78	41	292907	105.296	ug/l	98
49) 1,4-Dioxane	7.76	88	123881	2037.838	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1972734	514.062	ug/l	99
52) Toluene	8.79	92	512753	98.562	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	328243	105.279	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	342702	102.093	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	208742	95.171	ug/l	98
56) Ethyl methacrylate	9.18	69	354313	108.301	ug/l	99
57) 1,3-Dichloropropane	9.37	76	355100	95.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	973642	532.863	ug/l	100
59) 2-Hexanone	9.50	43	1592896	526.454	ug/l	99
60) Dibromochloromethane	9.59	129	234701	102.562	ug/l	99
61) 1,2-Dibromoethane	9.68	107	224036	98.733	ug/l	99
64) Tetrachloroethene	9.34	164	217948	89.031	ug/l	99
65) Chlorobenzene	10.14	112	584106	93.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	219148	95.710	ug/l	100
67) Ethyl Benzene	10.26	91	1027177	99.420	ug/l	99
68) m/p-Xylenes	10.36	106	792107	197.613	ug/l	100
69) o-Xylene	10.70	106	383477	101.687	ug/l	100
70) Styrene	10.71	104	653377	103.497	ug/l	99
71) Bromoform	10.86	173	209423	102.498	ug/l	99
73) Isopropylbenzene	11.02	105	1046676	97.508	ug/l	99
74) N-amyl acetate	10.90	43	546626	102.772	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	367613	92.827	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	445470	123.800	ug/l	87
77) Bromobenzene	11.26	156	282197	94.332	ug/l	99
78) n-propylbenzene	11.36	91	1222078	99.565	ug/l	99
79) 2-Chlorotoluene	11.42	91	728723	95.754	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	911823	99.299	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	121127	106.377	ug/l	95
82) 4-Chlorotoluene	11.51	91	875353	97.545	ug/l	100
83) tert-Butylbenzene	11.77	119	918854	100.385	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	946557	101.709	ug/l	100
85) sec-Butylbenzene	11.95	105	1093770	100.142	ug/l	100
86) p-Isopropyltoluene	12.07	119	995580	101.967	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	533207	94.784	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	539628	91.710	ug/l	100
89) n-Butylbenzene	12.39	91	911685	103.431	ug/l	99
90) Hexachloroethane	12.60	117	171978	102.126	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	538346	94.588	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93646	97.799	ug/l	98

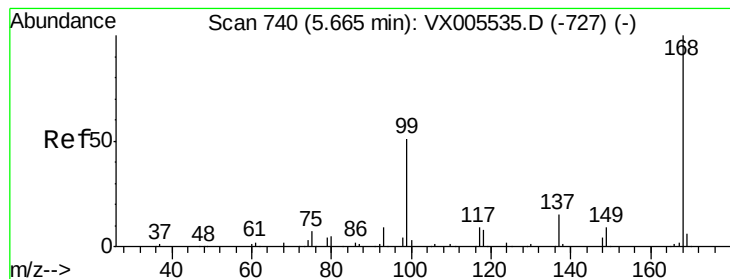
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
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Quant Title : SW846 8260
QLast Update : Thu Oct 25 01:45:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	419159	101.596	ug/l	100
94) Hexachlorobutadiene	13.79	225	200826	93.929	ug/l	99
95) Naphthalene	13.83	128	1286677	107.289	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	423199	101.190	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

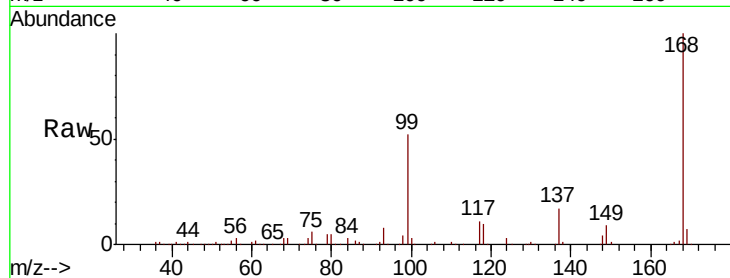
VSTDIC100

Tgt Ion:168 Resp: 214203

Ion Ratio Lower Upper

168 100

99 51.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

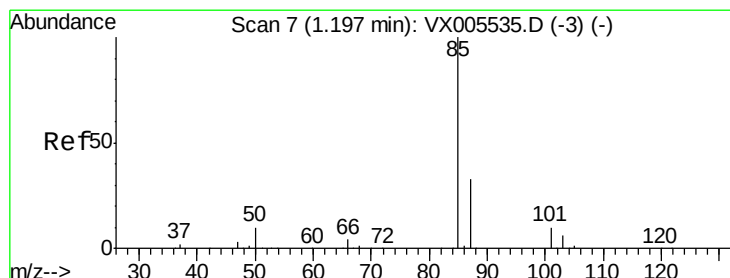
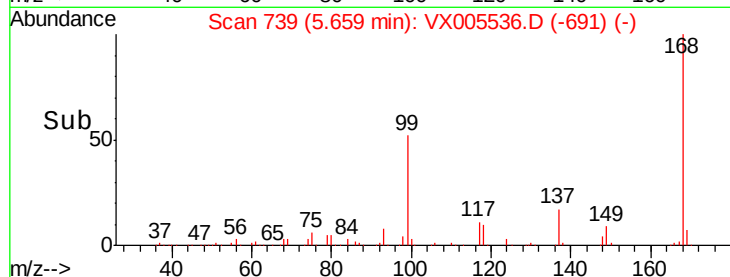
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 106.645 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX005536.D

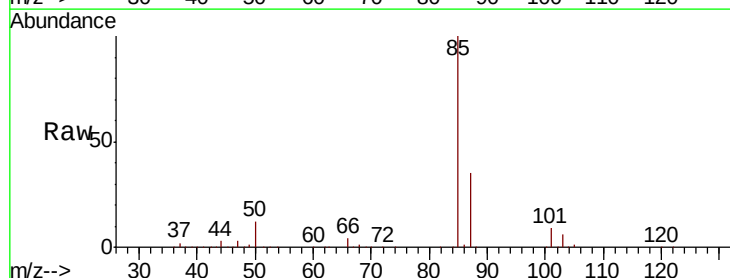
Acq: 24 Oct 2018 12:25

Tgt Ion: 85 Resp: 225478

Ion Ratio Lower Upper

85 100

87 34.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

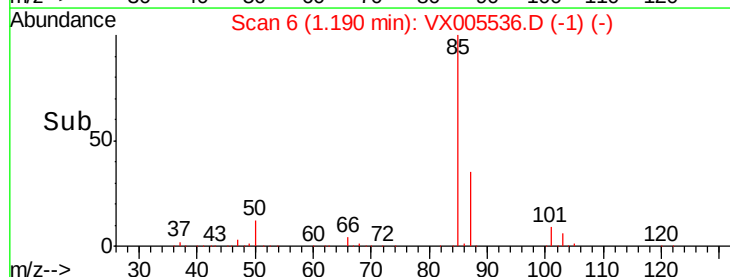
100000

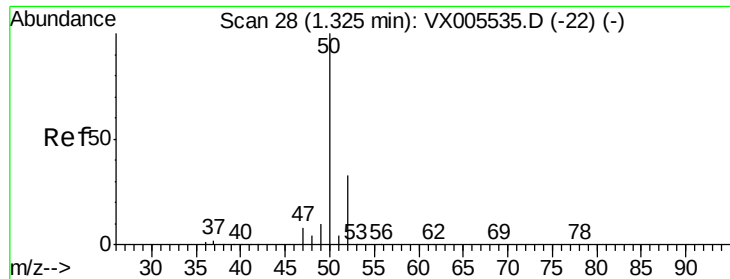
50000

0

Time-->

1.20 1.30





#3

Chloromethane

Concen: 100.576 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

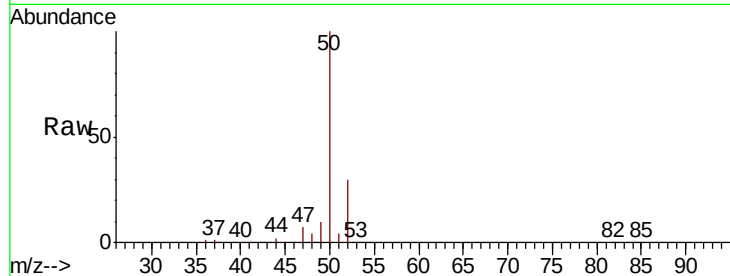
VSTDICC100

Tgt Ion: 50 Resp: 270806

Ion Ratio Lower Upper

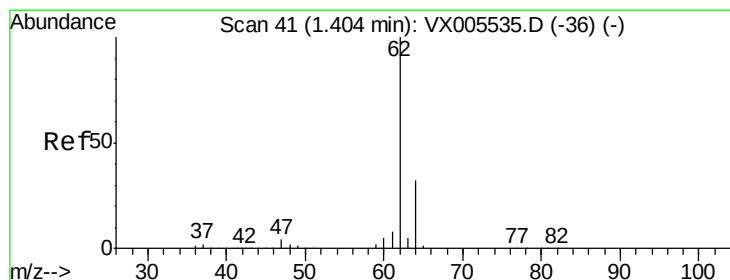
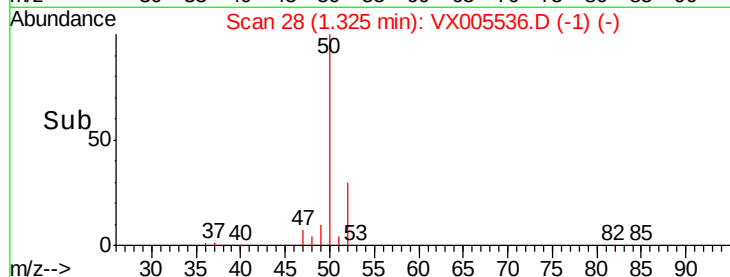
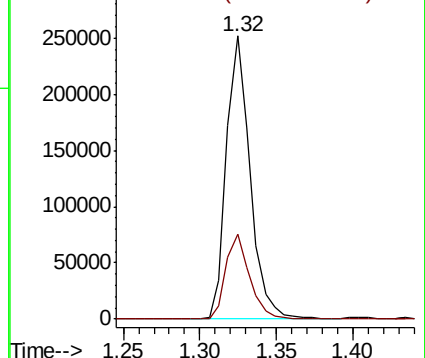
50 100

52 29.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 98.254 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005536.D

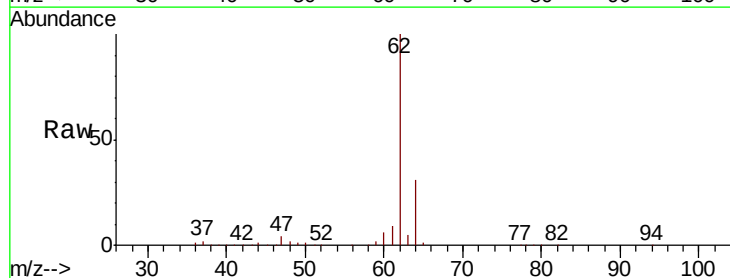
Acq: 24 Oct 2018 12:25

Tgt Ion: 62 Resp: 260132

Ion Ratio Lower Upper

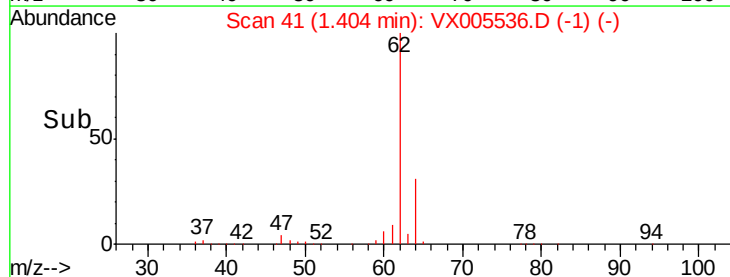
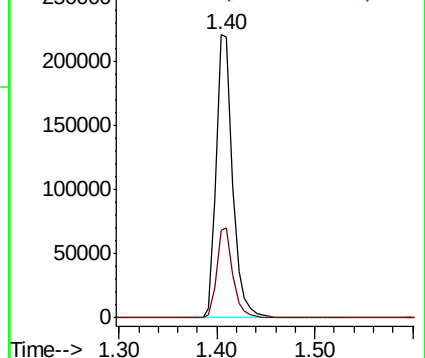
62 100

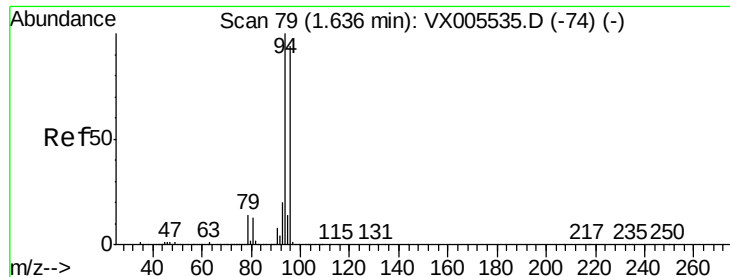
64 31.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 99.404 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

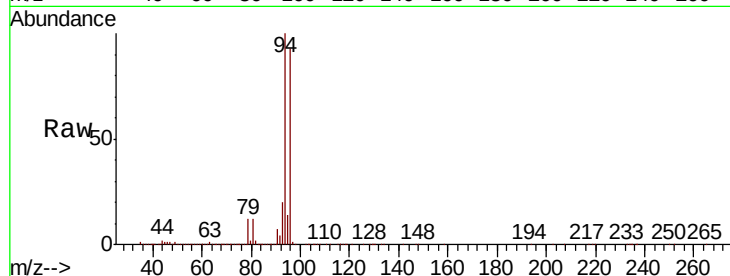
VSTDICC100

Tgt Ion: 94 Resp: 163759

Ion Ratio Lower Upper

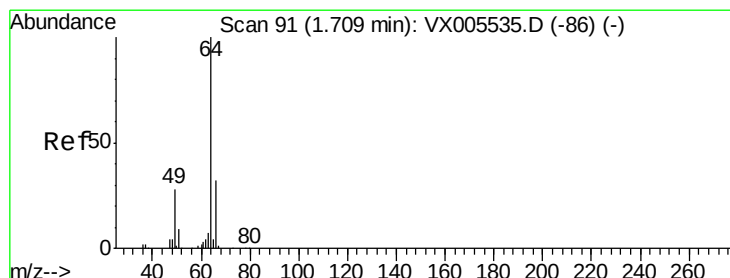
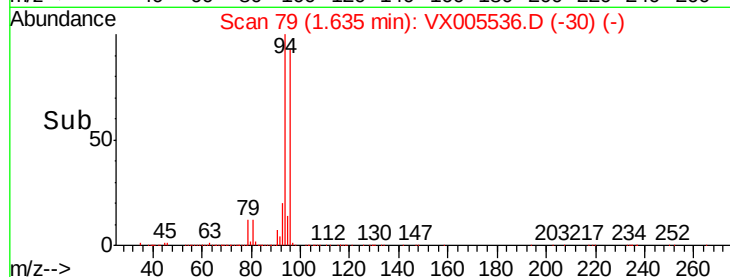
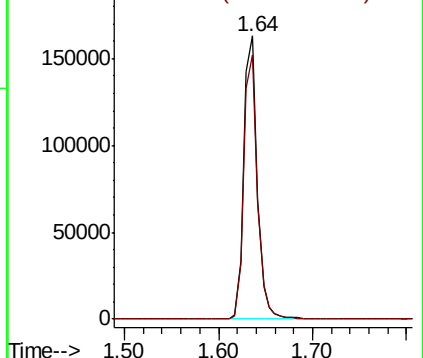
94 100

96 93.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 93.590 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005536.D

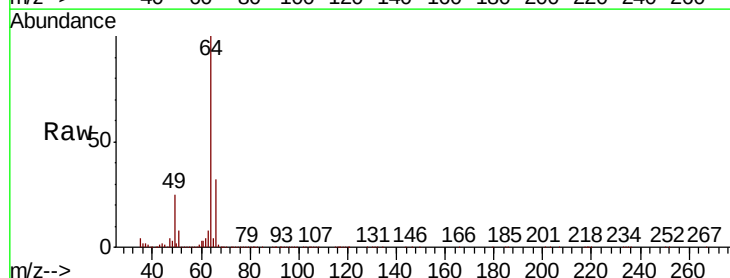
Acq: 24 Oct 2018 12:25

Tgt Ion: 64 Resp: 158290

Ion Ratio Lower Upper

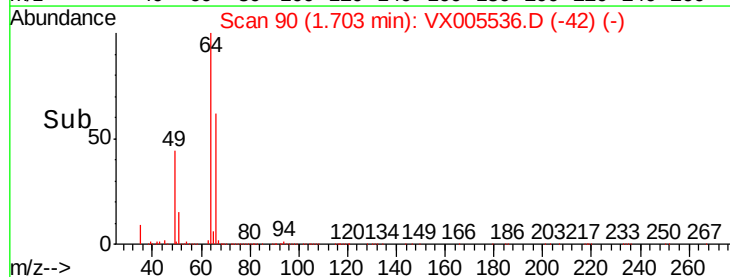
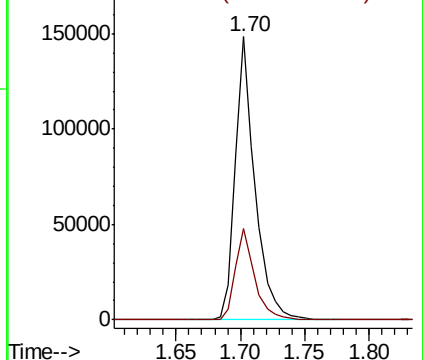
64 100

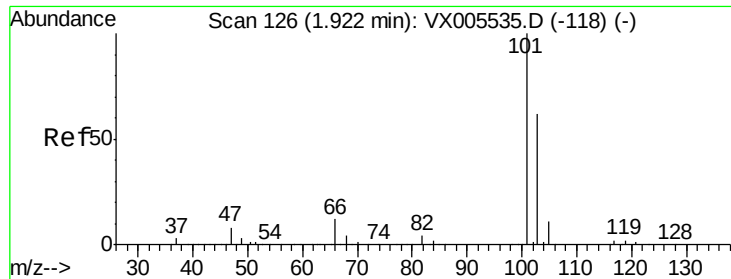
66 32.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



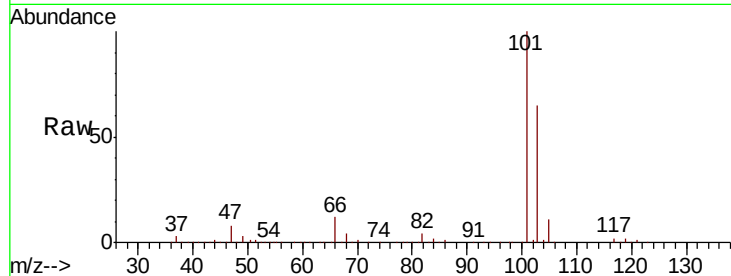


#7

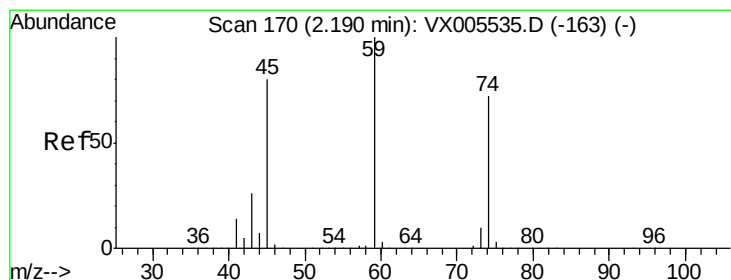
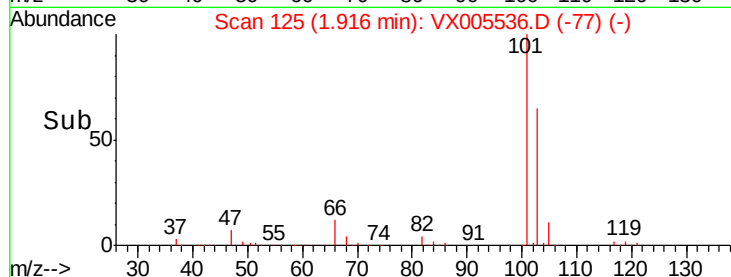
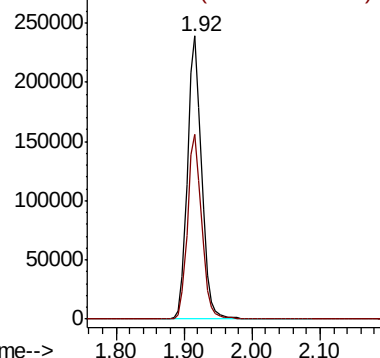
Trichlorofluoromethane
Concen: 94.387 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 101 Resp: 347232
Ion Ratio Lower Upper
101 100
103 65.5 50.0 75.0



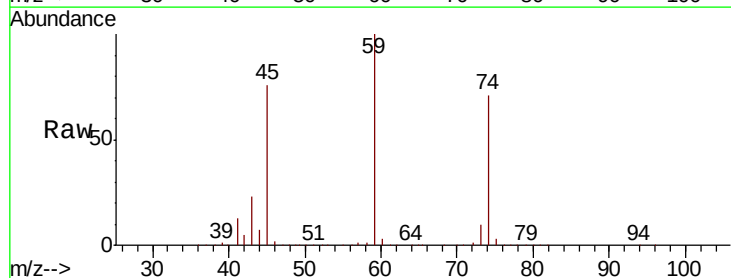
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



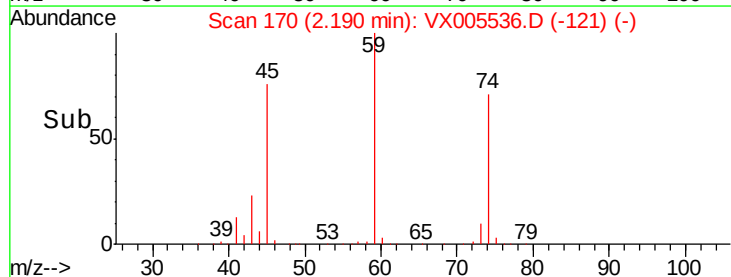
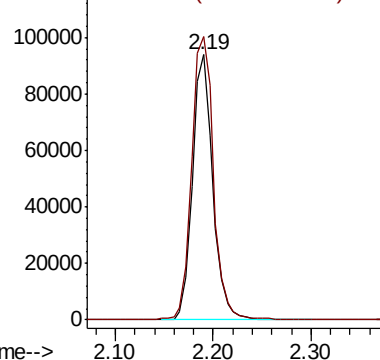
#8

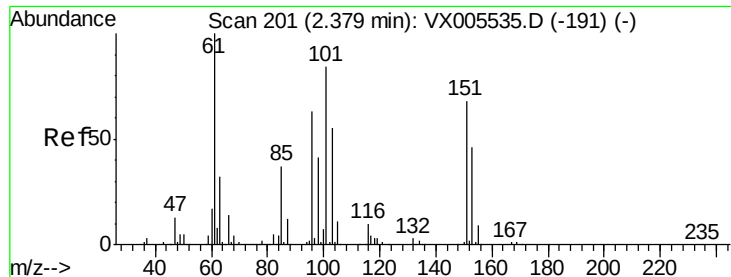
Diethyl Ether
Concen: 92.452 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 74 Resp: 135731
Ion Ratio Lower Upper
74 100
45 113.9 54.1 162.3



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: 92.996 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

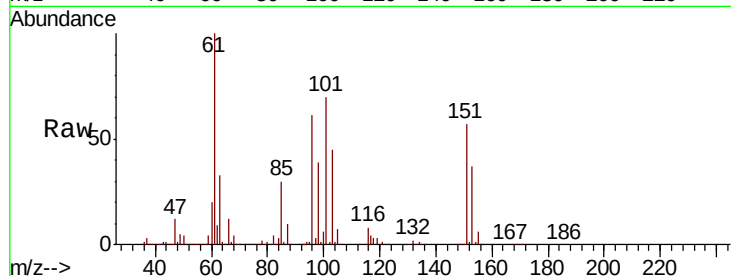
Tgt Ion:101 Resp: 196288

Ion Ratio Lower Upper

101 100

85 44.9 35.0 52.4

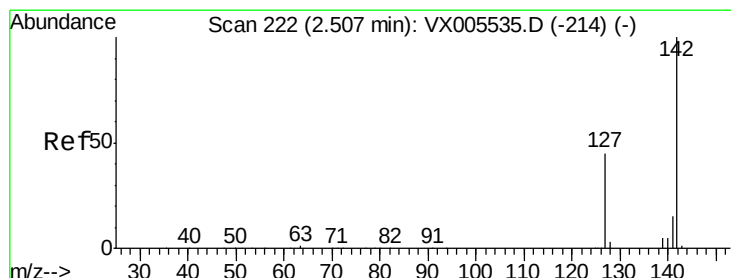
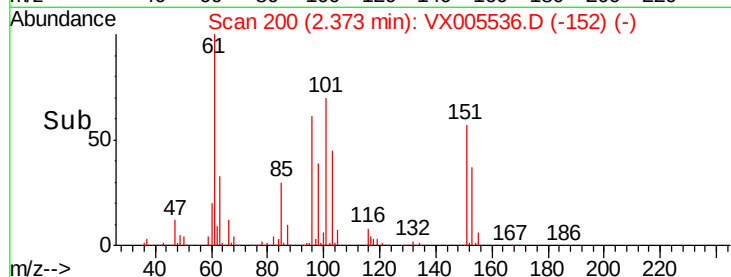
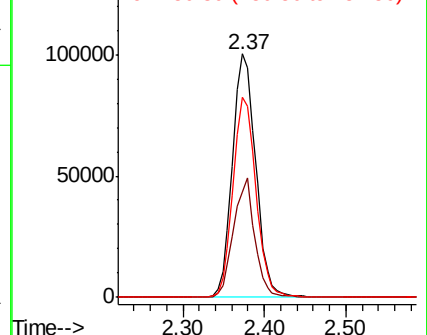
151 81.6 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 115.631 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

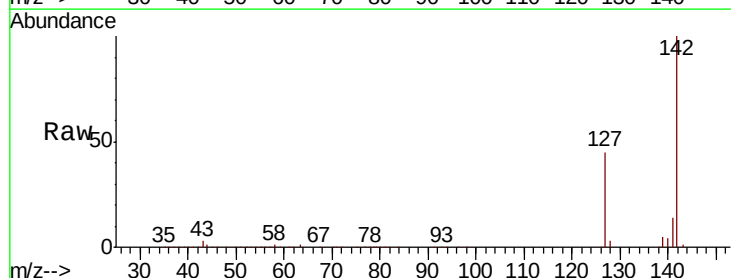
Tgt Ion:142 Resp: 230614

Ion Ratio Lower Upper

142 100

127 44.9 36.0 54.0

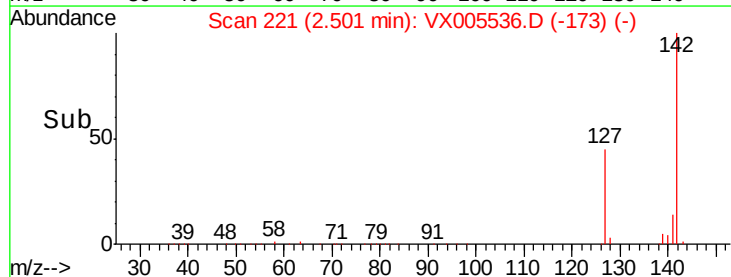
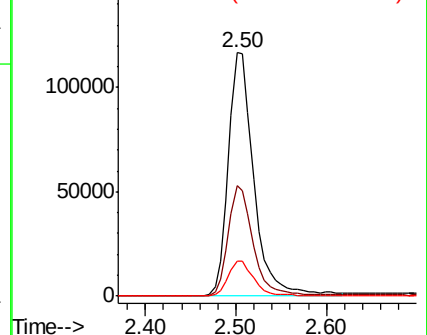
141 14.6 11.7 17.5

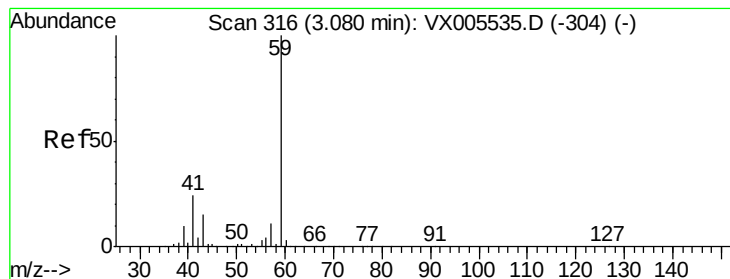


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



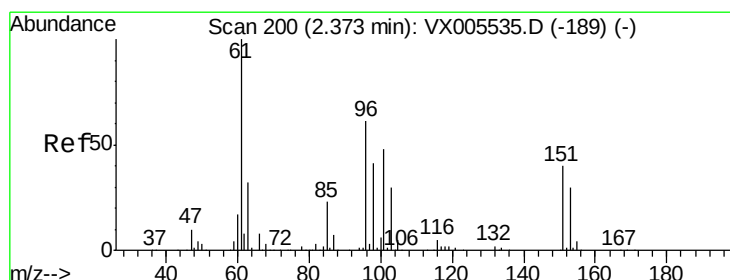
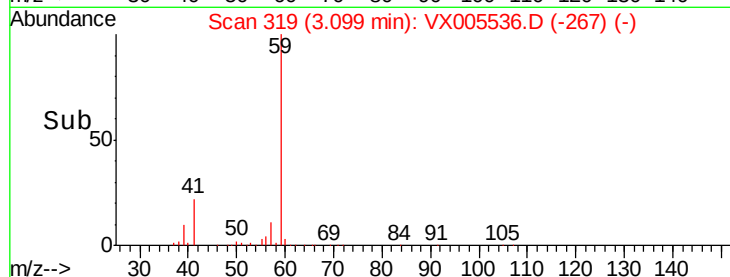
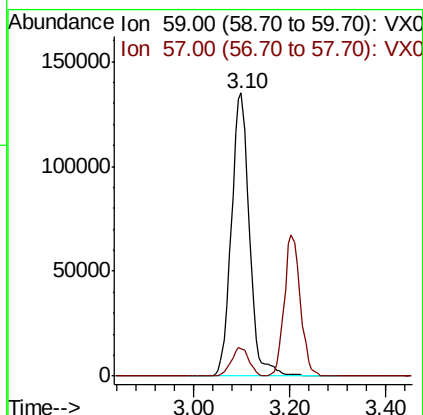
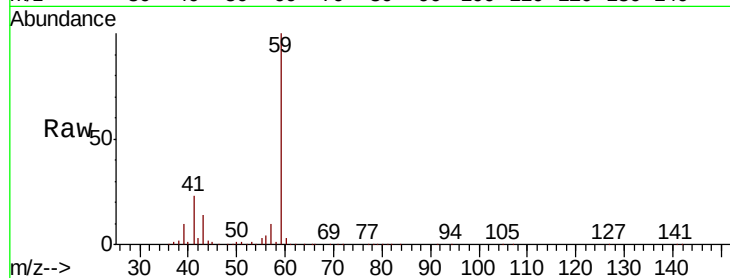


#11

Tert butyl alcohol
Concen: 501.817 ug/l
RT: 3.10 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

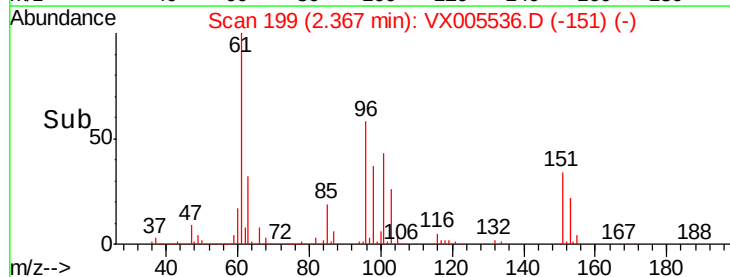
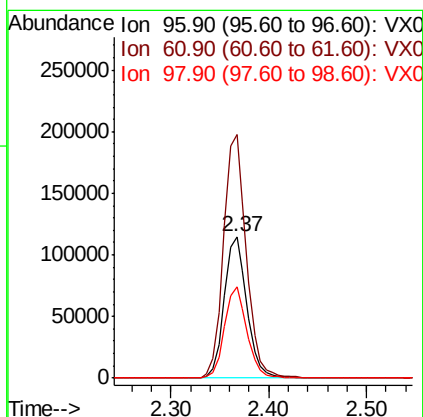
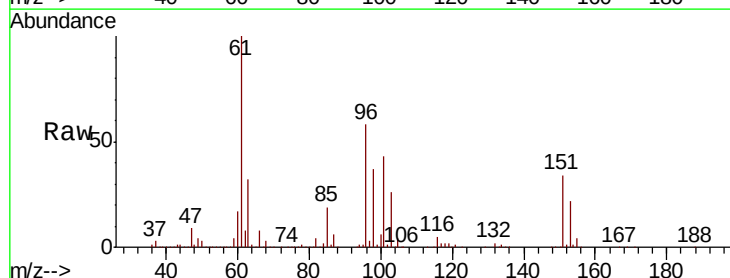
Tgt Ion: 59 Resp: 353090
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

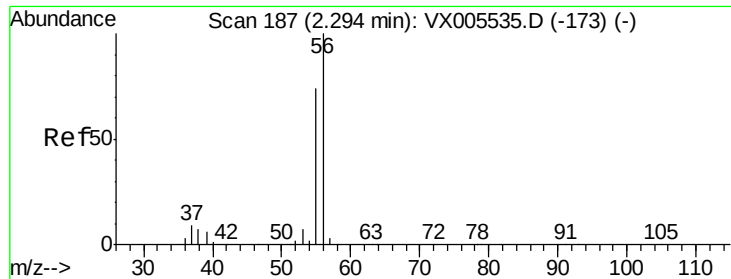


#12

1,1-Dichloroethene
Concen: 91.520 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 96 Resp: 184022
Ion Ratio Lower Upper
96 100
61 171.9 131.8 197.8
98 64.0 53.4 80.2

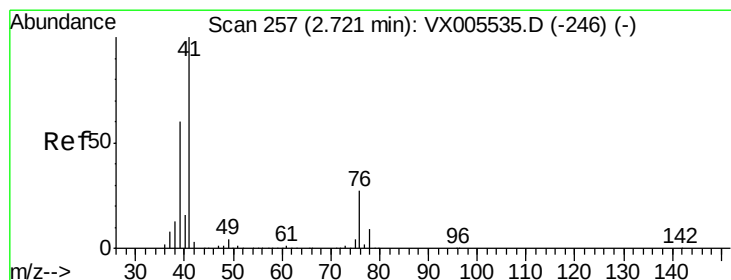
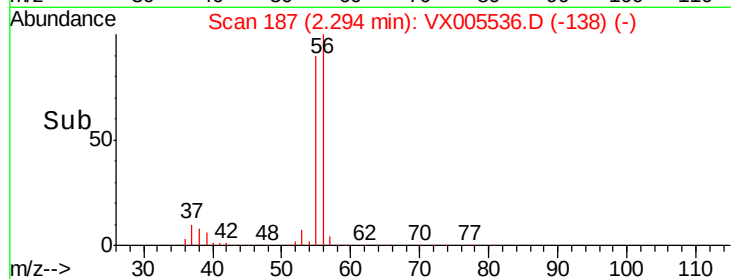
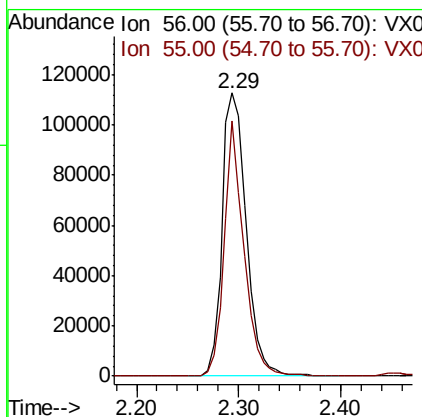
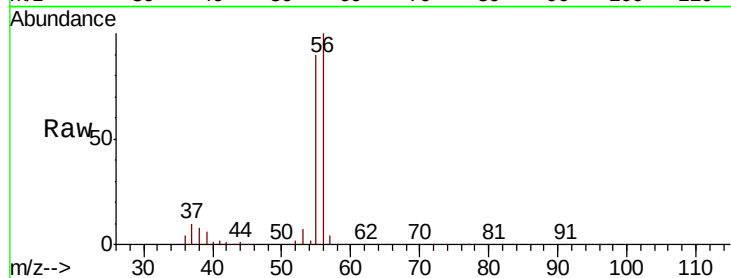




#13
 Acrolein
 Concen: 514.134 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

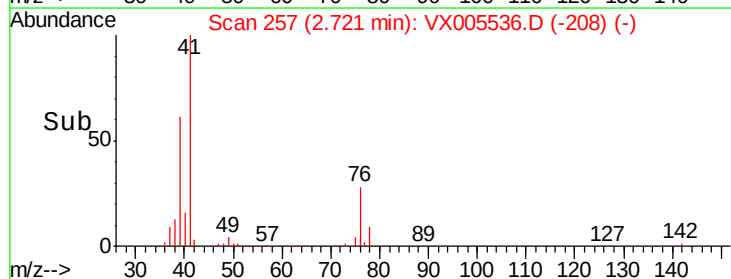
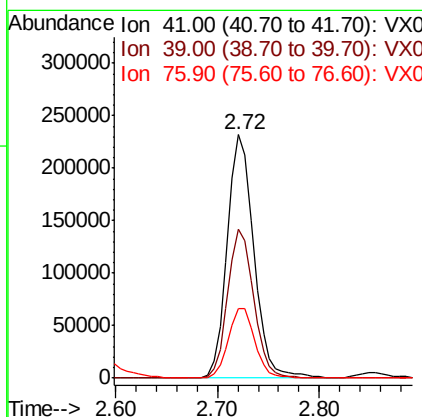
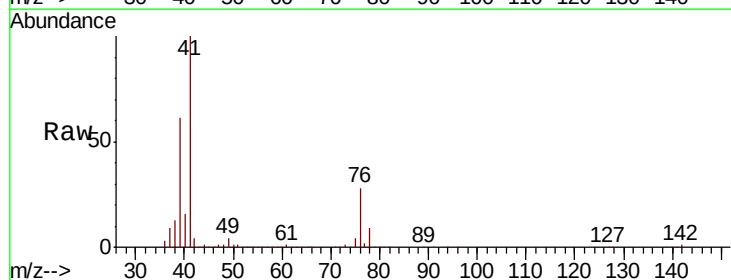
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

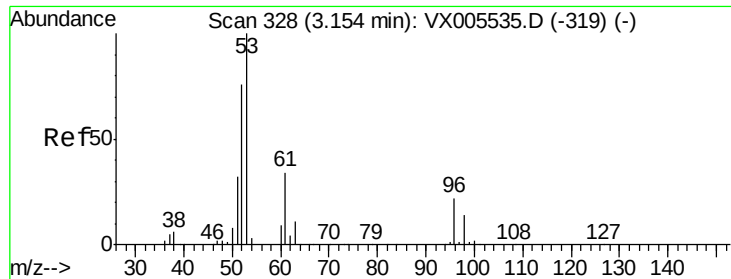
Tgt Ion: 56 Resp: 184535
 Ion Ratio Lower Upper
 56 100
 55 73.9 57.3 85.9



#14
 Allyl chloride
 Concen: 93.244 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion: 41 Resp: 418433
 Ion Ratio Lower Upper
 41 100
 39 59.9 48.2 72.4
 76 28.5 21.9 32.9





#15

Acrylonitrile

Concen: 462.595 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

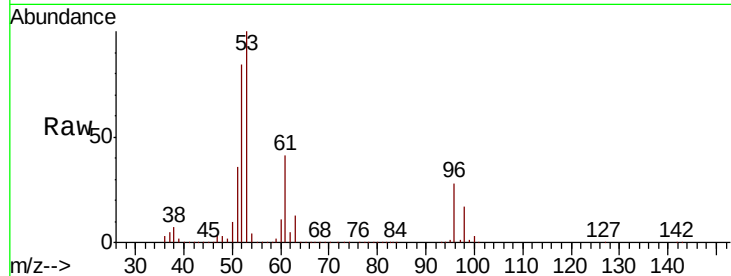
Tgt Ion: 53 Resp: 729878

Ion Ratio Lower Upper

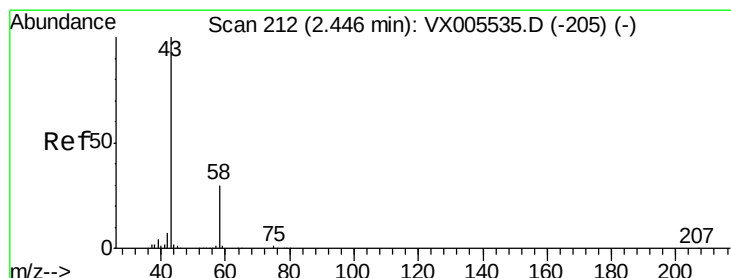
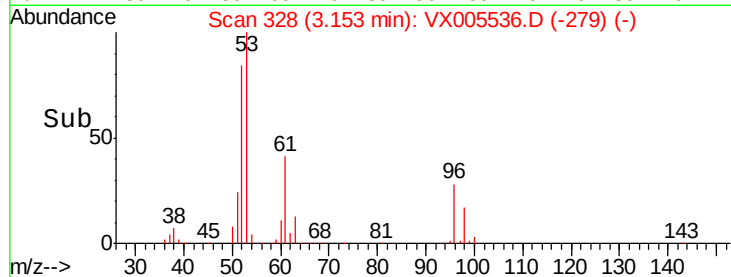
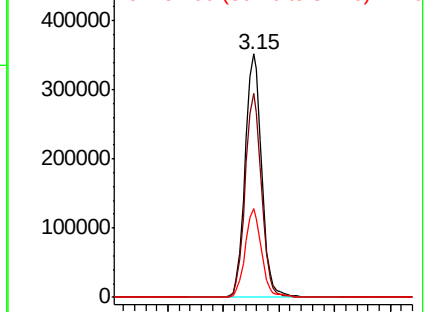
53 100

52 82.8 66.6 99.8

51 36.3 28.4 42.6



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



#16

Acetone

Concen: 471.781 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005536.D

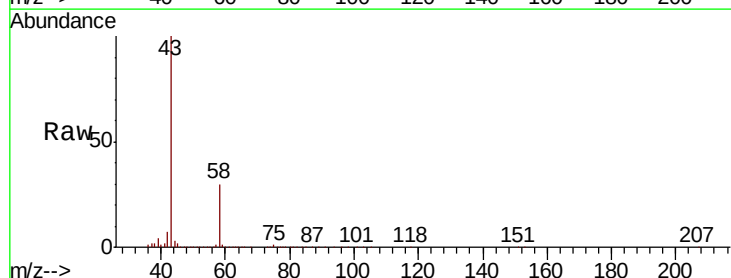
Acq: 24 Oct 2018 12:25

Tgt Ion: 43 Resp: 651848

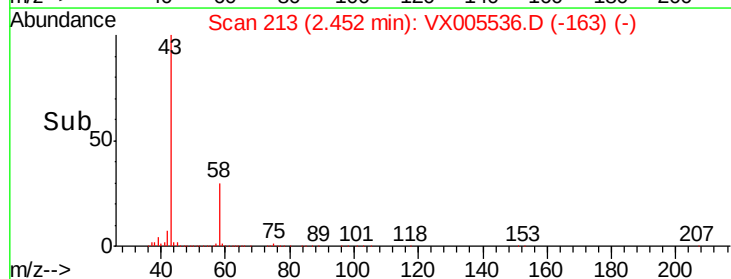
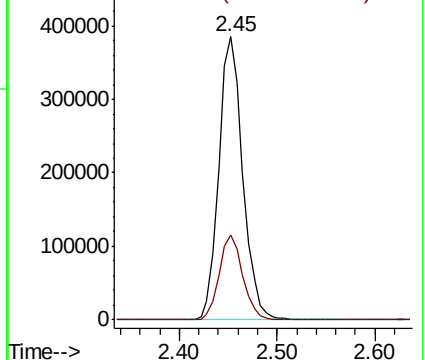
Ion Ratio Lower Upper

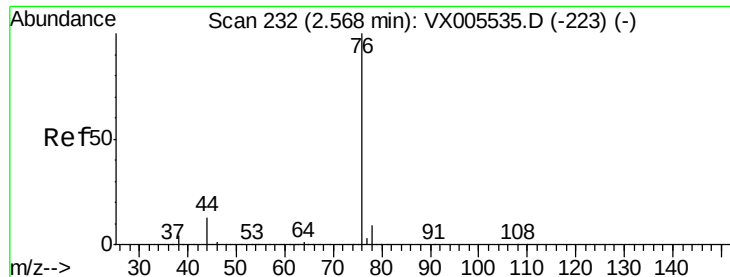
43 100

58 30.0 23.8 35.6



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





#17

Carbon Disulfide

Concen: 95.909 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

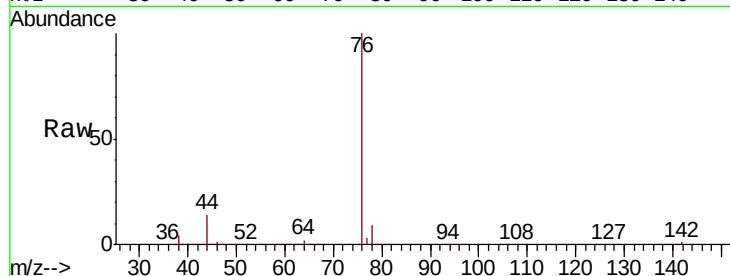
VSTDIC100

Tgt Ion: 76 Resp: 587859

Ion Ratio Lower Upper

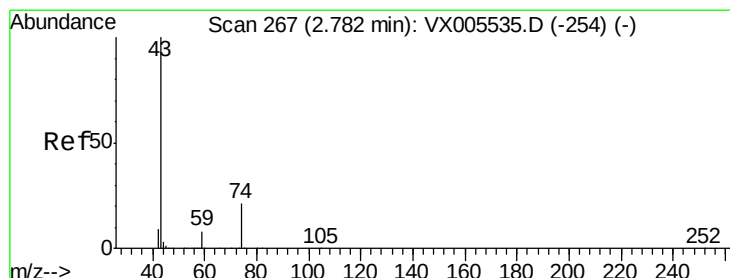
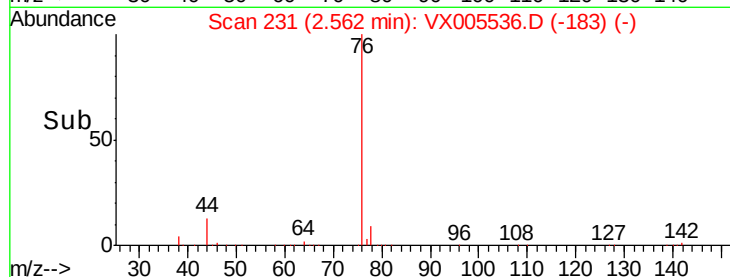
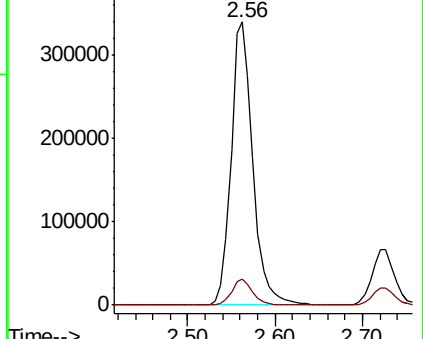
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 85.331 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005536.D

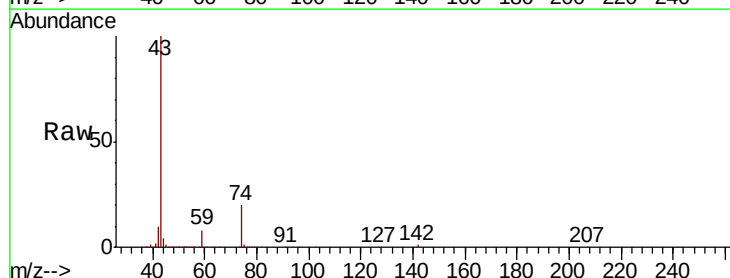
Acq: 24 Oct 2018 12:25

Tgt Ion: 43 Resp: 330275

Ion Ratio Lower Upper

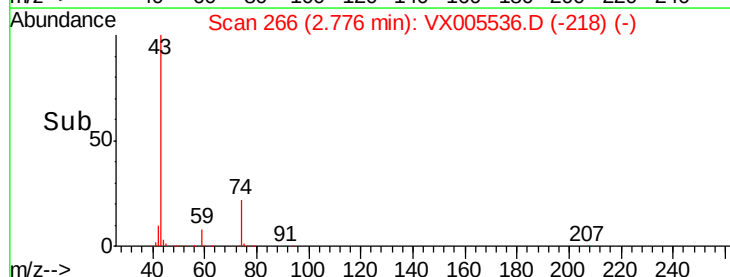
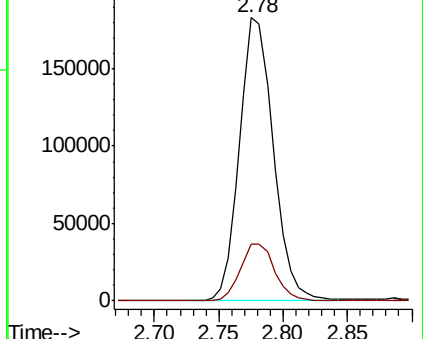
43 100

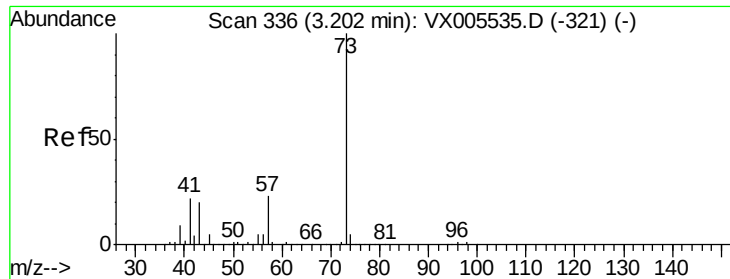
74 20.6 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

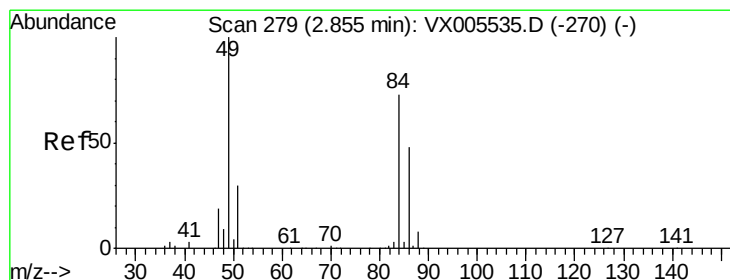
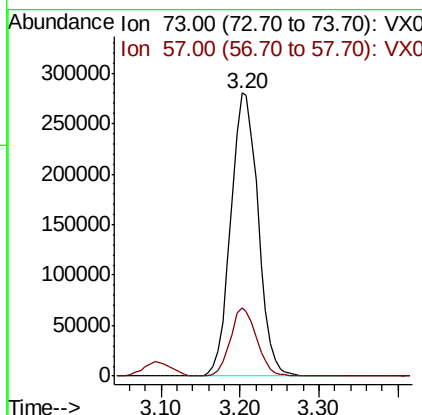
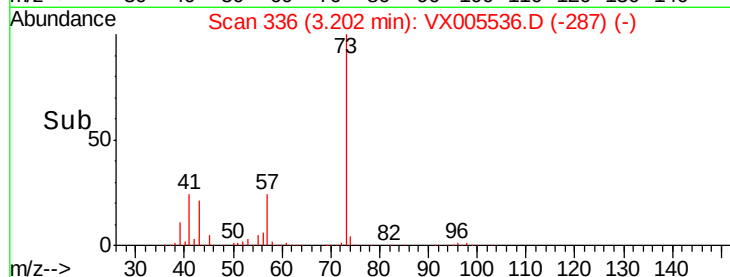
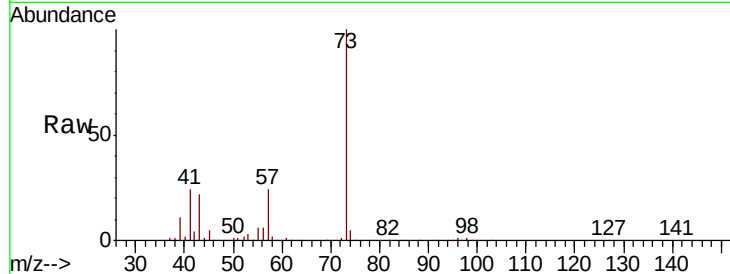




#19
Methyl tert-butyl Ether
Concen: 94.002 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

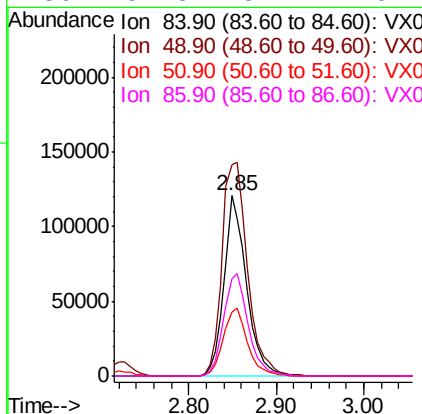
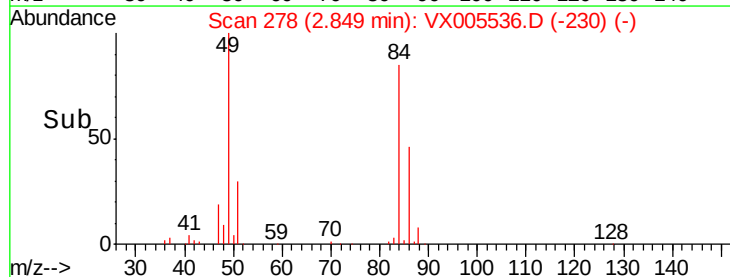
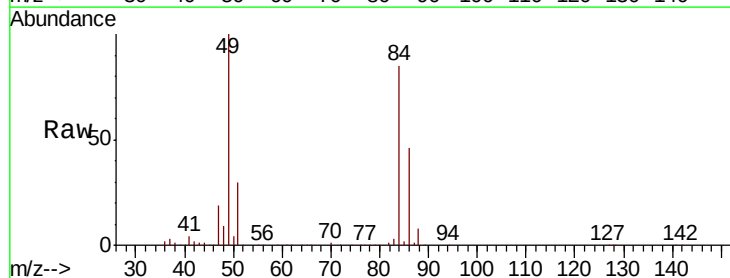
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

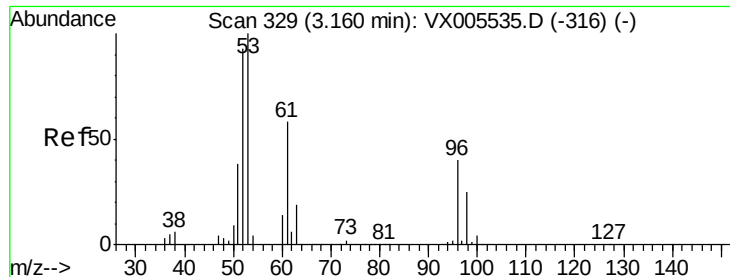
Tgt Ion: 73 Resp: 674232
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2



#20
Methylene Chloride
Concen: 92.502 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 84 Resp: 214056
Ion Ratio Lower Upper
84 100
49 117.7 109.5 164.3
51 35.5 33.3 49.9
86 54.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 90.506 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

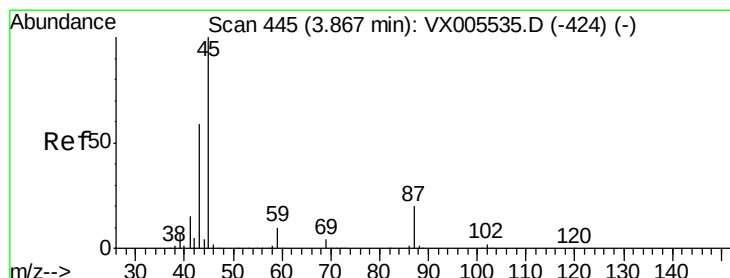
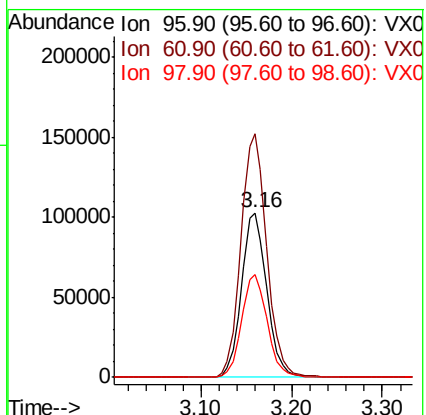
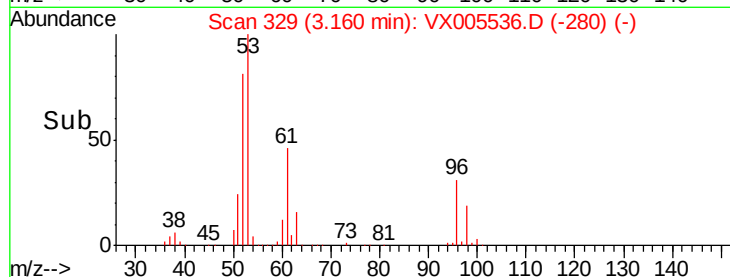
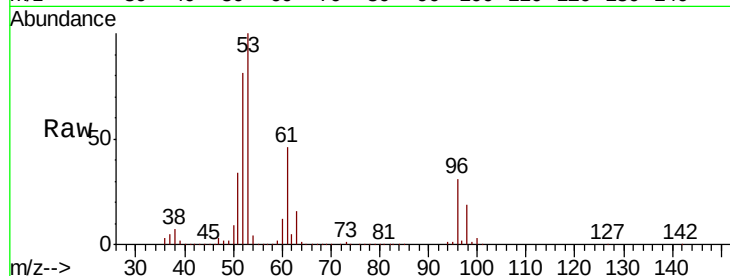
Tgt Ion: 96 Resp: 198698

Ion Ratio Lower Upper

96 100

61 147.5 115.6 173.4

98 62.3 50.2 75.2



#22

Diisopropyl ether

Concen: 94.857 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tgt Ion: 45 Resp: 743354

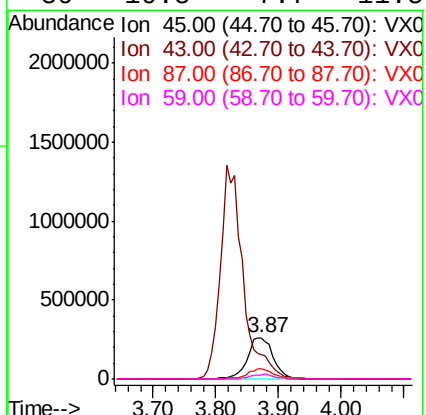
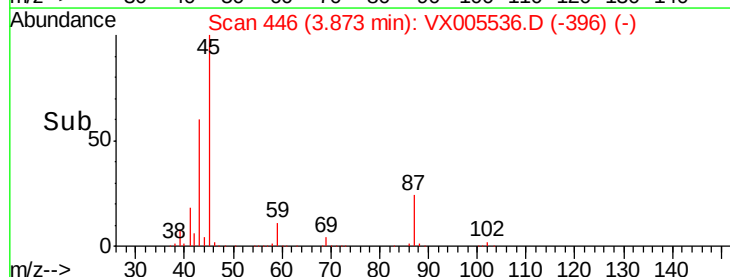
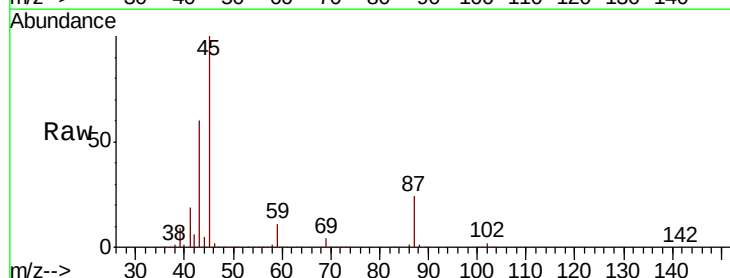
Ion Ratio Lower Upper

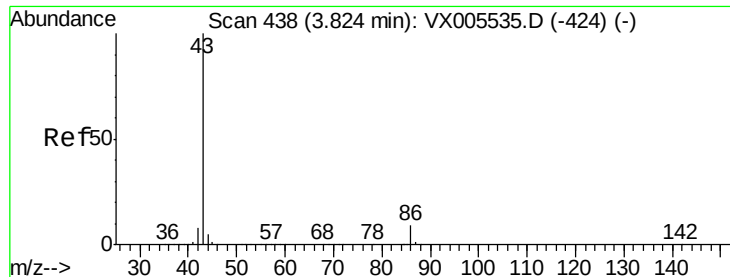
45 100

43 59.5 47.4 71.2

87 24.4 15.9 23.9#

59 10.5 7.7 11.5





#23

Vinyl Acetate

Concen: 493.652 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

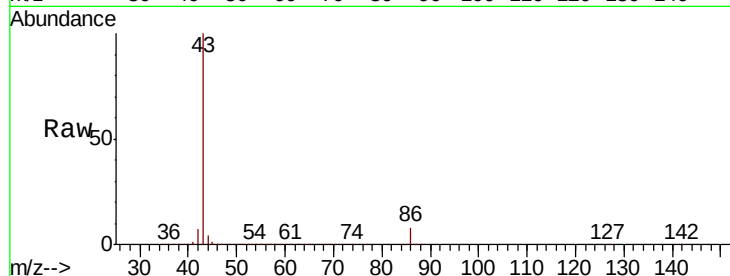
VSTDIC100

Tgt Ion: 43 Resp: 3407033

Ion Ratio Lower Upper

43 100

86 7.6 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

1500000

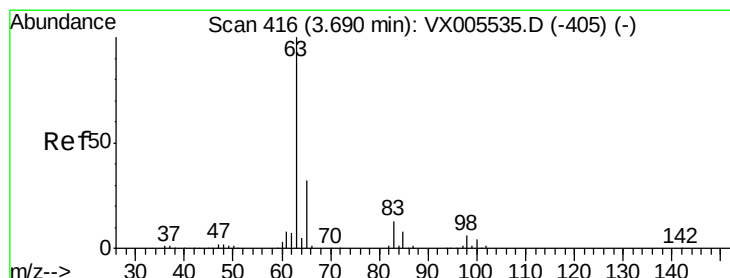
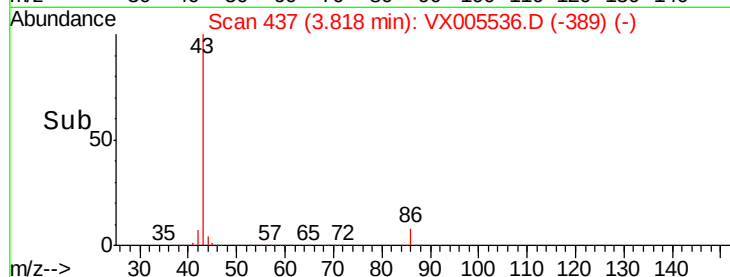
1000000

500000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 89.771 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

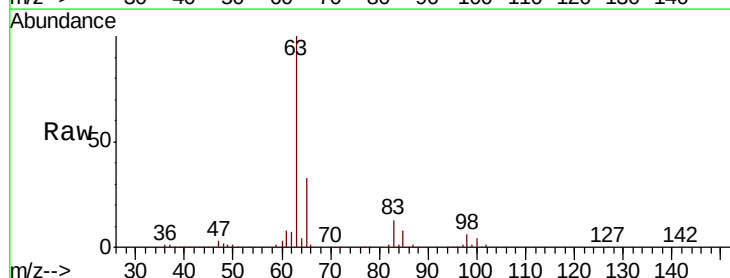
Tgt Ion: 63 Resp: 382476

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 4.0 2.1 6.2



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

200000

150000

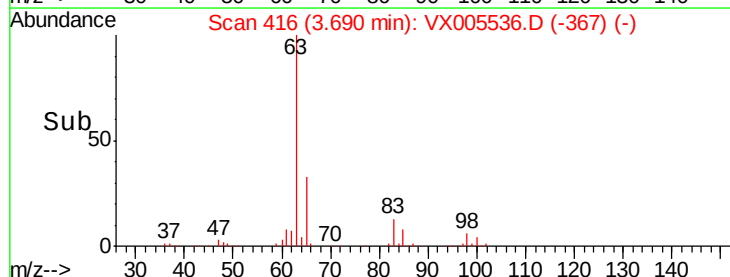
100000

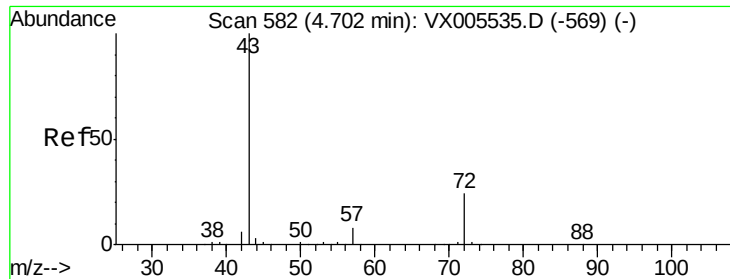
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 489.095 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

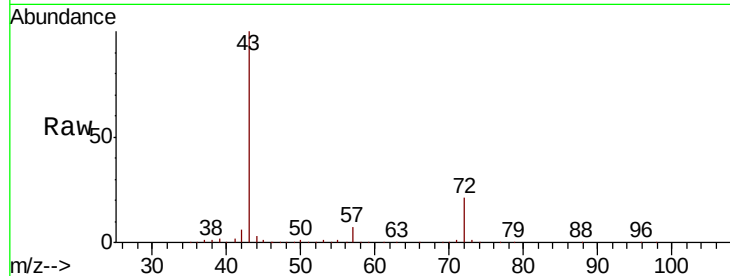
VSTDIC100

Tgt Ion: 43 Resp: 1029062

Ion Ratio Lower Upper

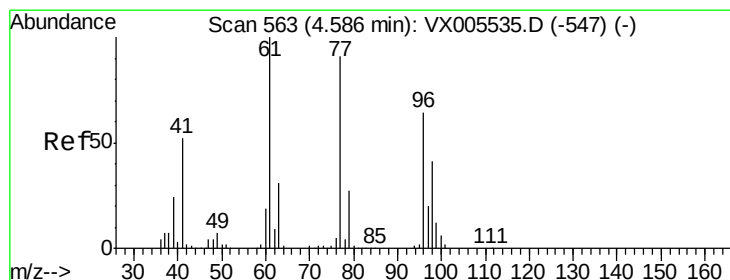
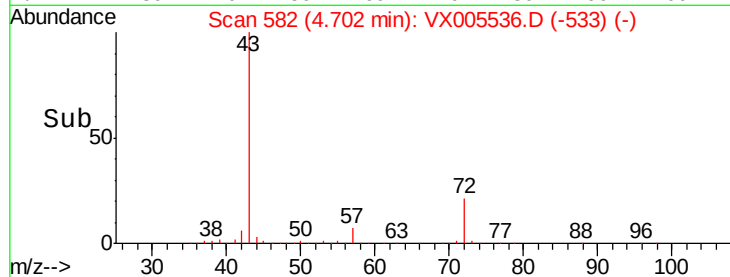
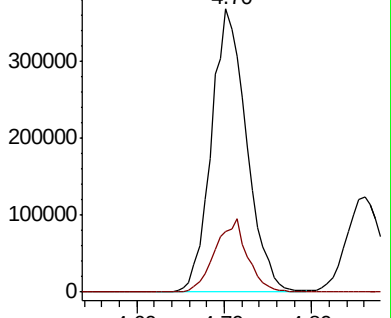
43 100

72 21.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 92.642 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005536.D

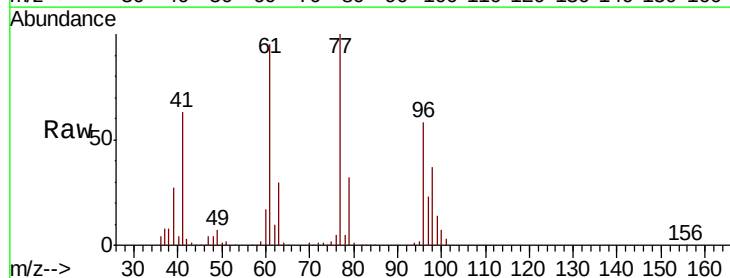
Acq: 24 Oct 2018 12:25

Tgt Ion: 77 Resp: 304729

Ion Ratio Lower Upper

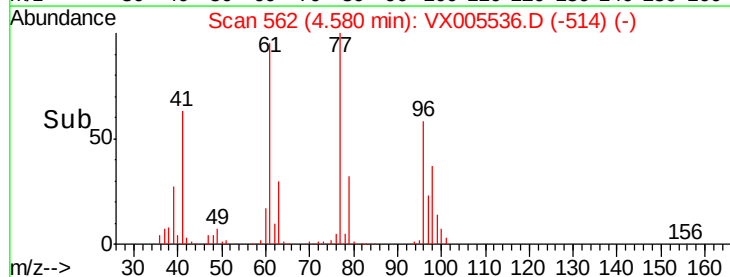
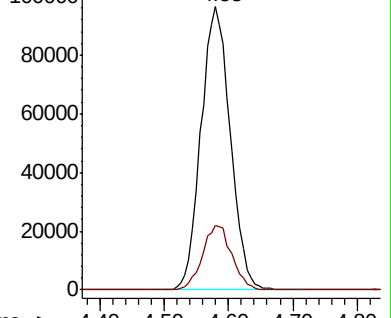
77 100

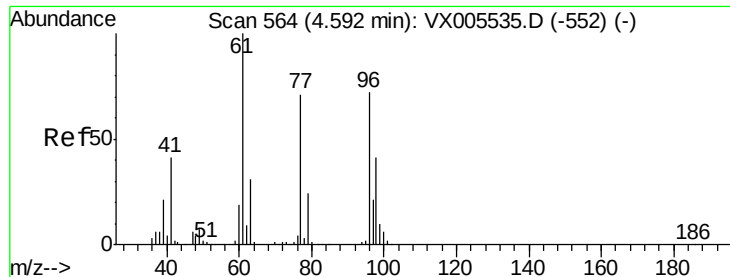
97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 93.427 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

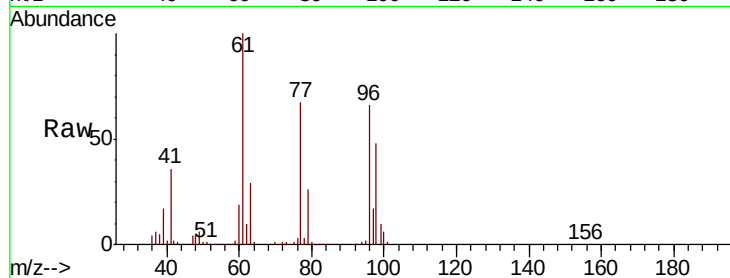
Tgt Ion: 96 Resp: 221125

Ion Ratio Lower Upper

96 100

61 153.8 0.0 304.6

98 65.3 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

150000

100000

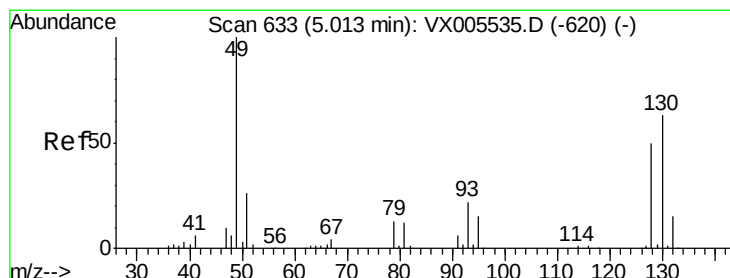
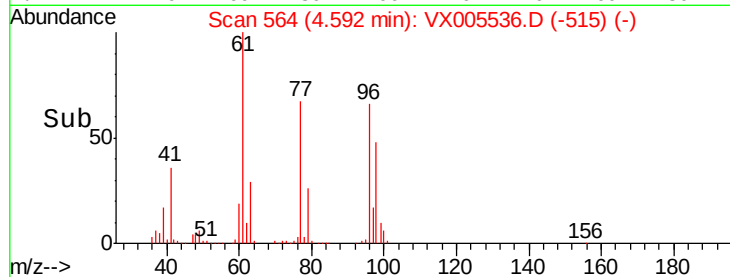
50000

0

4.59

4.50 4.60 4.70

Time-->



#28

Bromochloromethane

Concen: 91.041 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

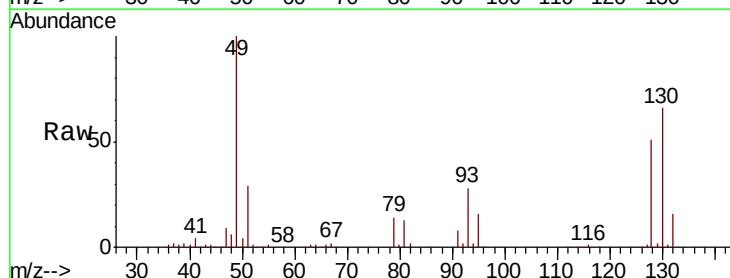
Tgt Ion: 49 Resp: 187606

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 75.8 58.9 88.3



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

80000

60000

40000

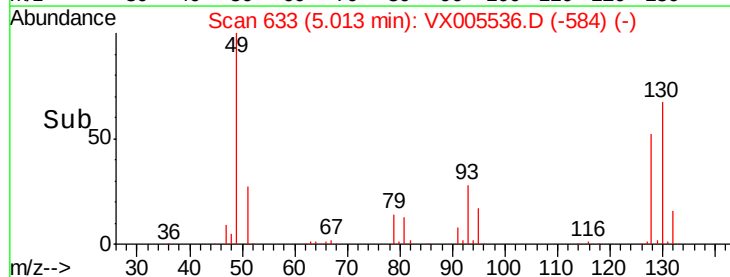
20000

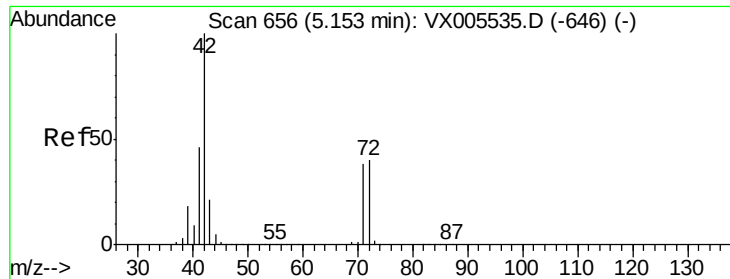
0

5.01

4.90 5.00 5.10

Time-->





#29

Tetrahydrofuran

Concen: 484.652 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

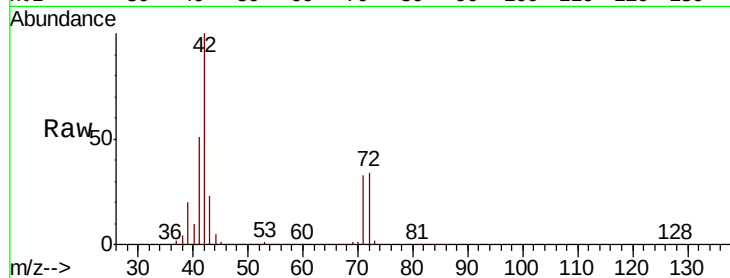
Tgt Ion: 42 Resp: 663607

Ion Ratio Lower Upper

42 100

72 41.7 32.0 48.0

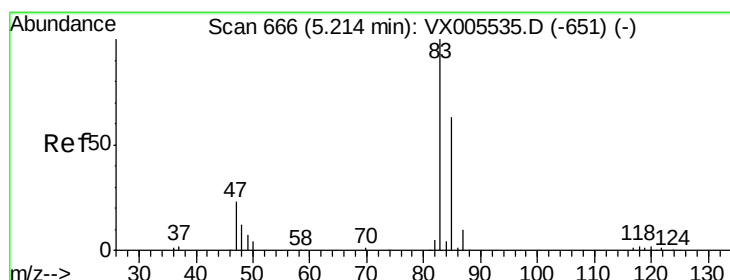
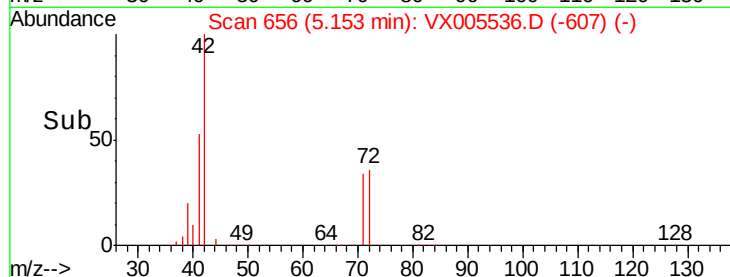
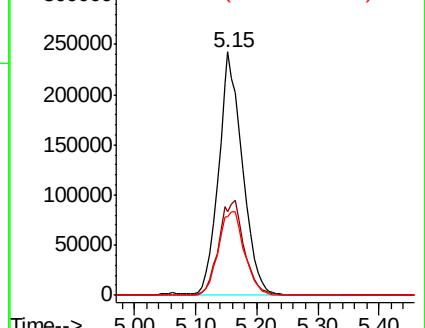
71 38.0 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 89.907 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005536.D

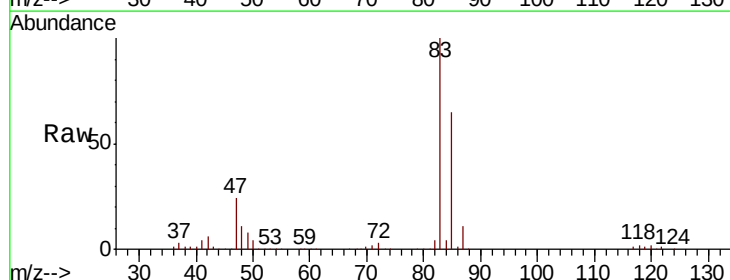
Acq: 24 Oct 2018 12:25

Tgt Ion: 83 Resp: 358313

Ion Ratio Lower Upper

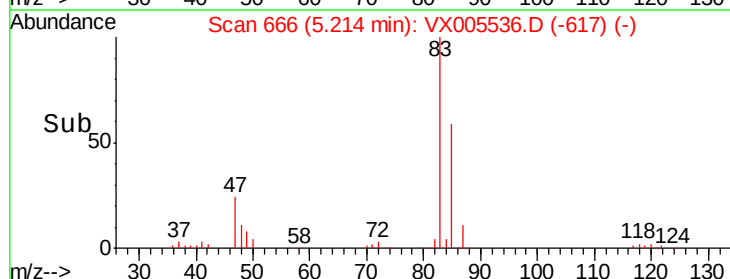
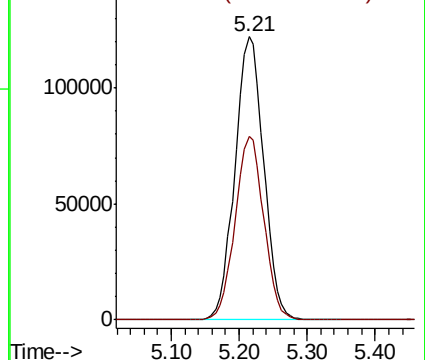
83 100

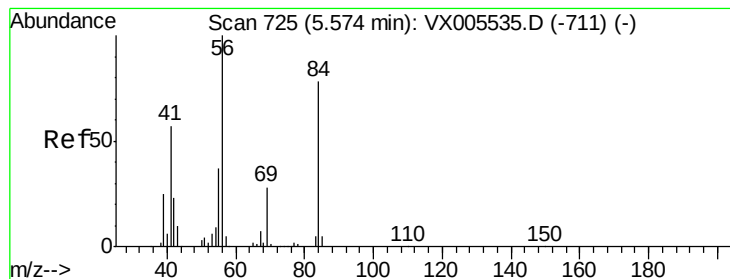
85 65.0 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 97.838 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

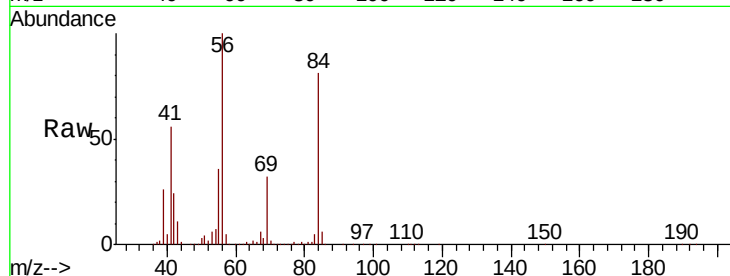
Tgt Ion: 56 Resp: 344896

Ion Ratio Lower Upper

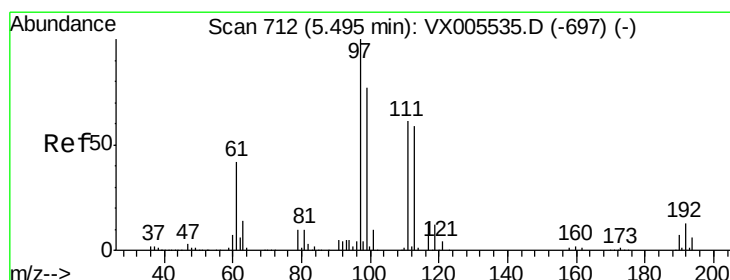
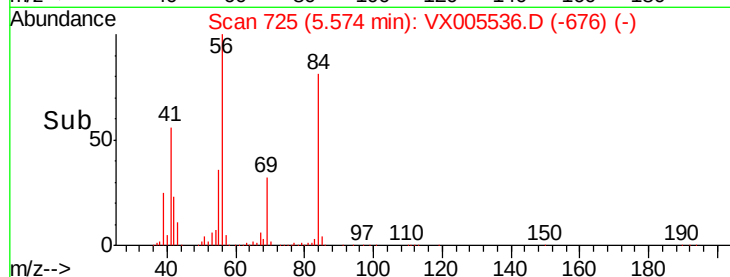
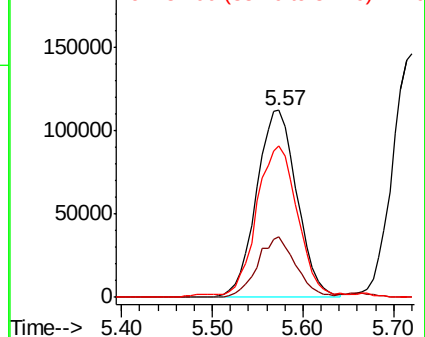
56 100

69 32.1 22.6 34.0

84 80.3 62.7 94.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 93.337 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

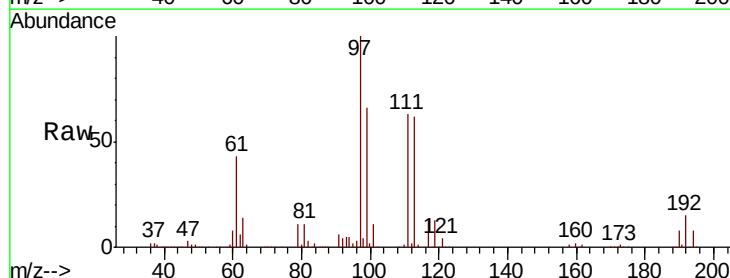
Tgt Ion: 97 Resp: 328314

Ion Ratio Lower Upper

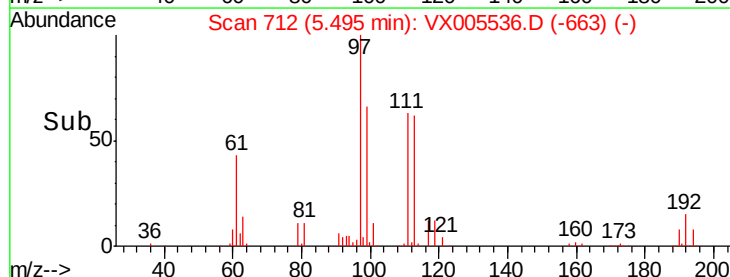
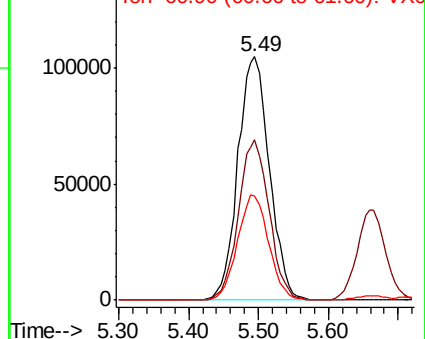
97 100

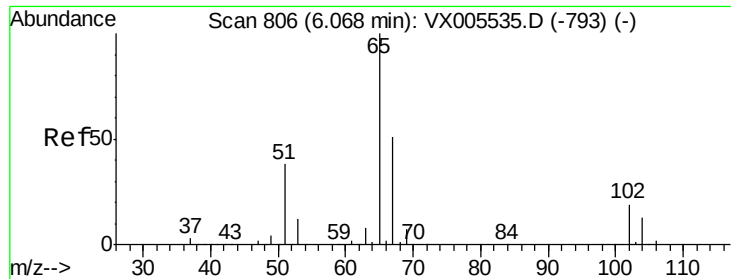
99 64.0 52.3 78.5

61 42.9 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

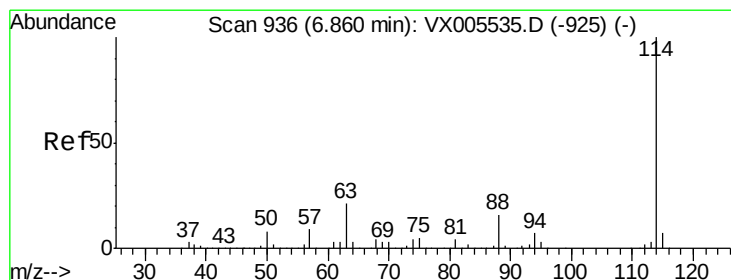
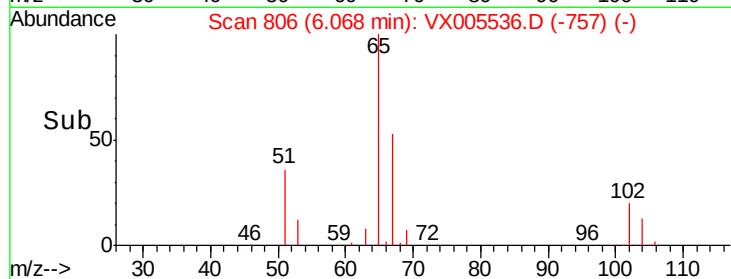
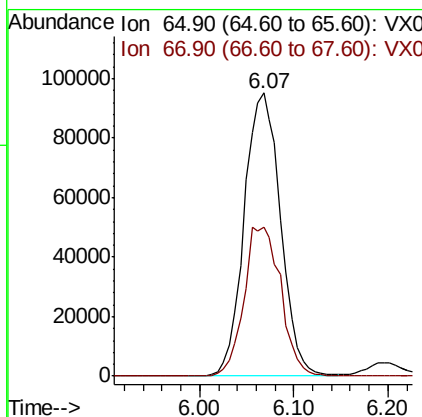
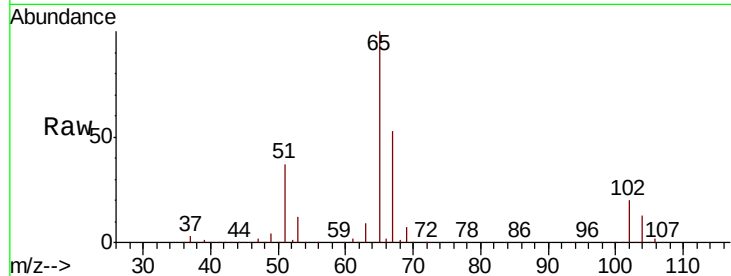




#33
 1,2-Dichloroethane-d4
 Concen: 98.430 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

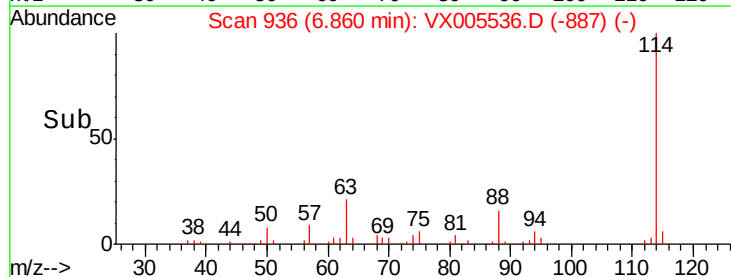
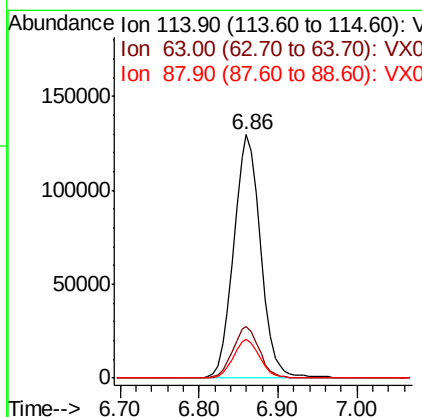
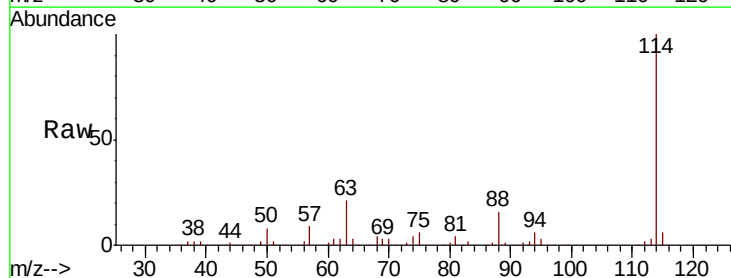
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

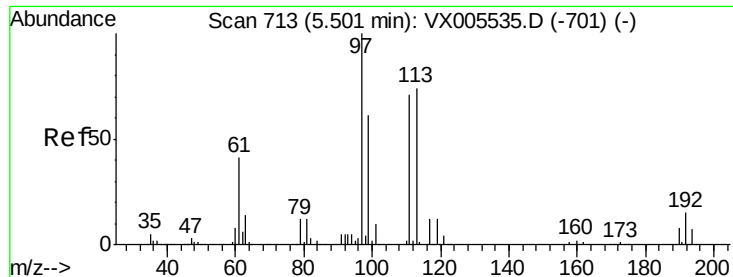
Tgt Ion: 65 Resp: 257371
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion: 114 Resp: 307700
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 15.7 0.0 31.2

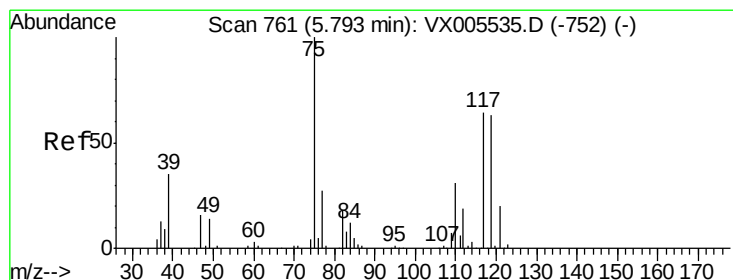
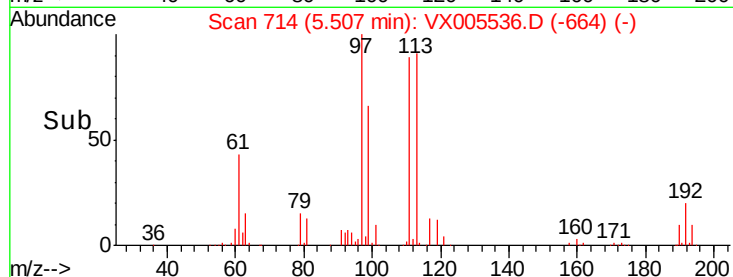
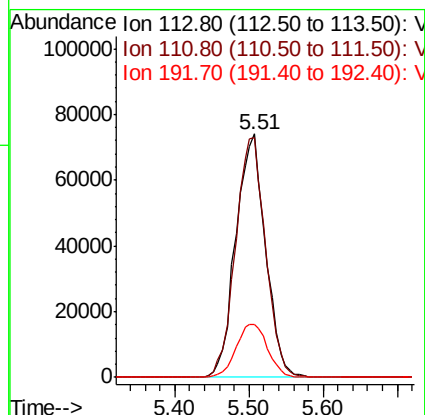
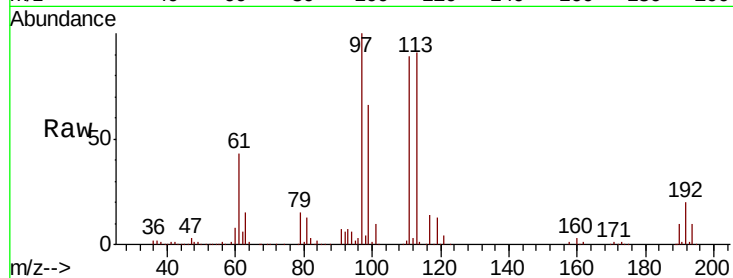




#35
 Dibromofluoromethane
 Concen: 99.627 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

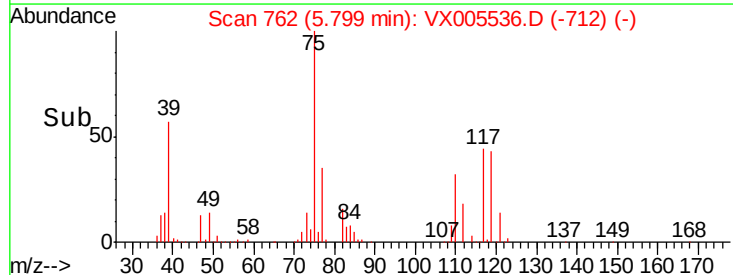
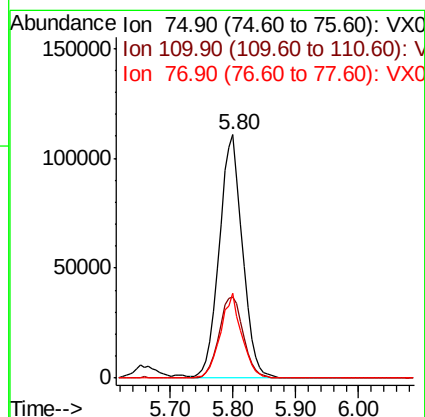
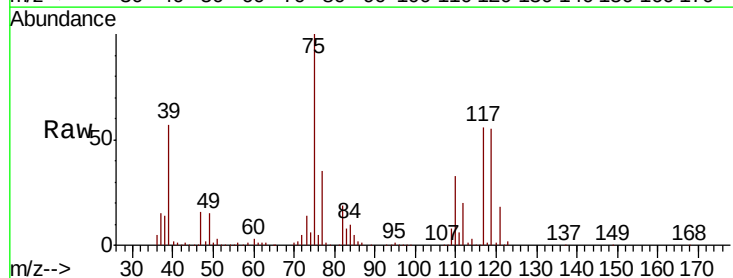
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

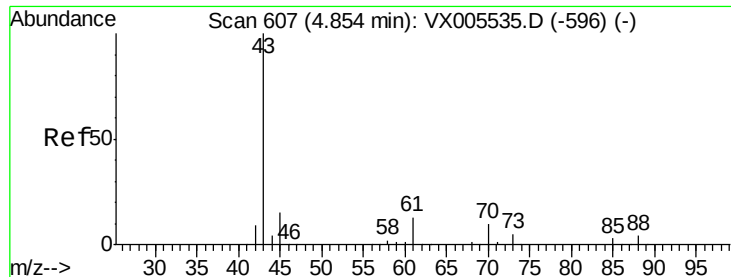
Tgt Ion: 113 Resp: 207572
 Ion Ratio Lower Upper
 113 100
 111 99.3 82.3 123.5
 192 23.1 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 95.172 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion: 75 Resp: 284192
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.4 52.2
 77 31.5 25.8 38.6

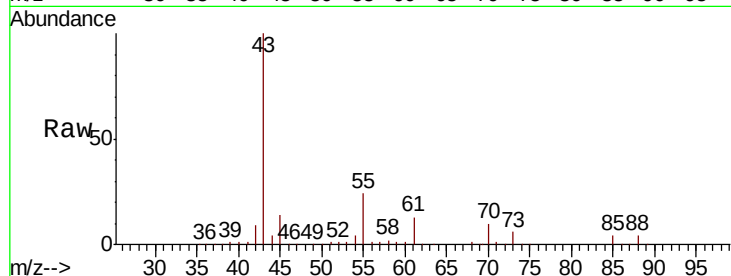




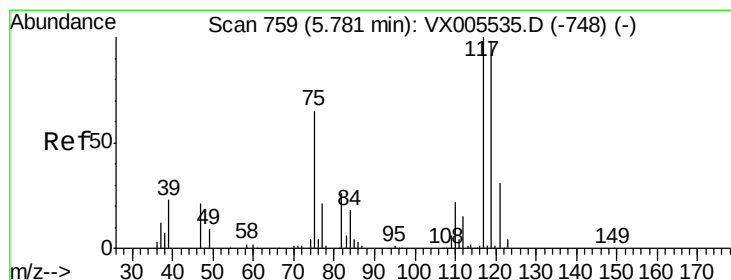
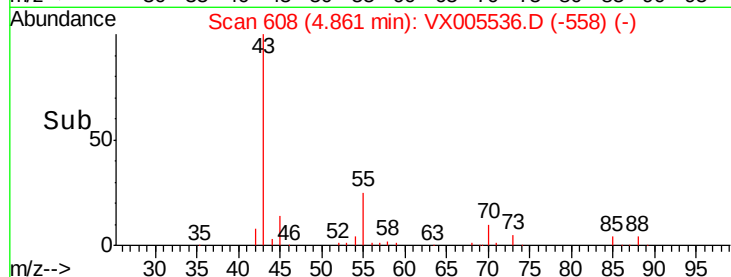
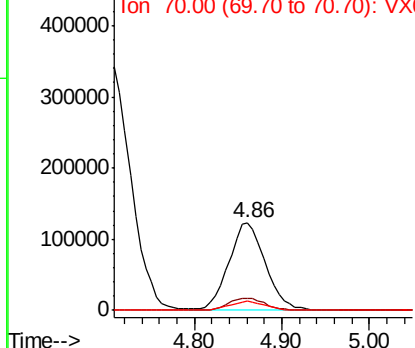
#37
Ethyl Acetate
Concen: 93.371 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 355792
Ion Ratio Lower Upper
43 100
61 14.1 10.8 16.2
70 10.1 7.8 11.8

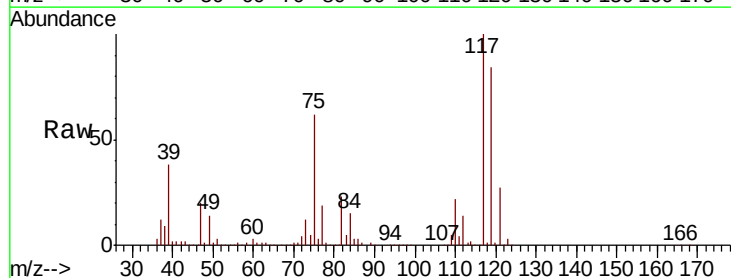


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

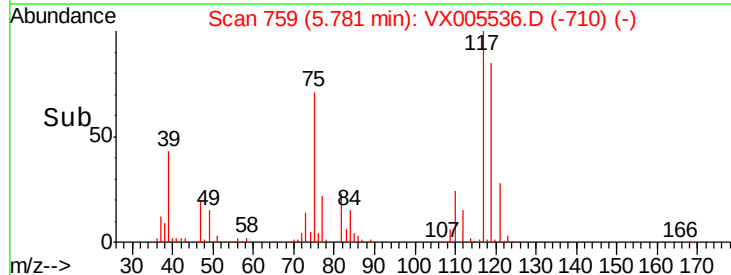
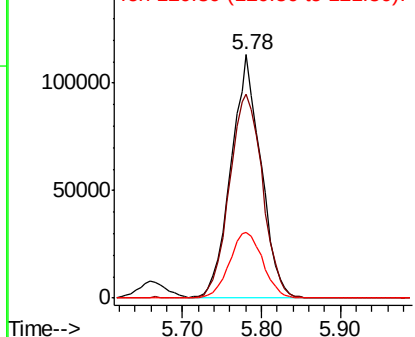


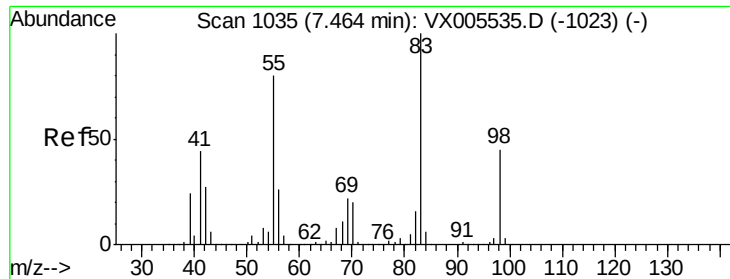
#38
Carbon Tetrachloride
Concen: 94.970 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 117 Resp: 298685
Ion Ratio Lower Upper
117 100
119 83.6 78.1 117.1
121 27.1 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

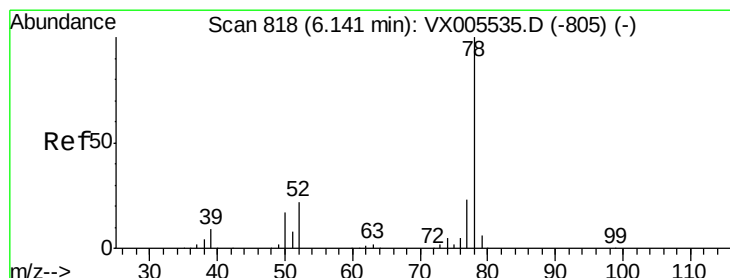
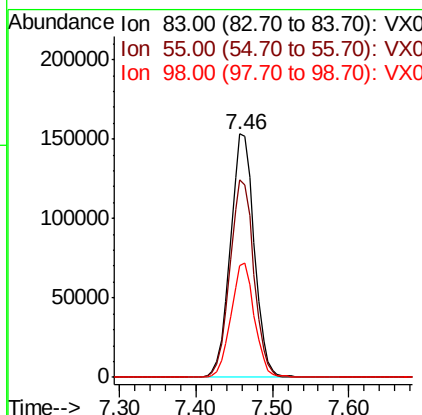
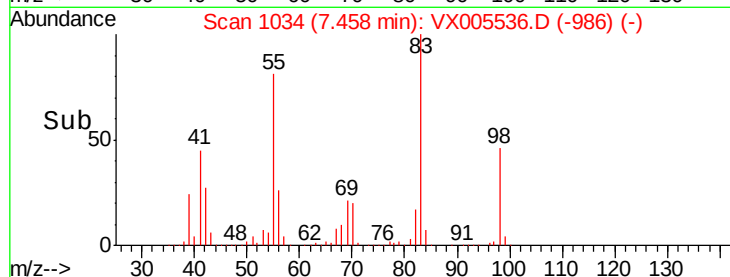
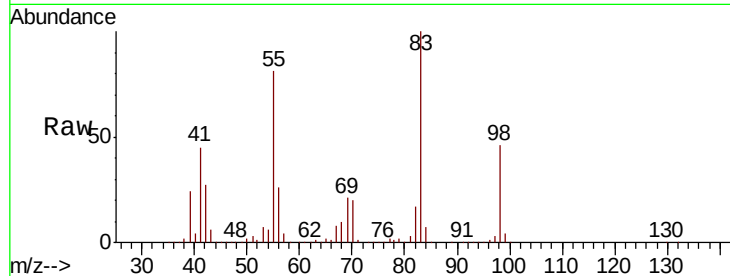




#39
Methylcyclohexane
Concen: 100.689 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

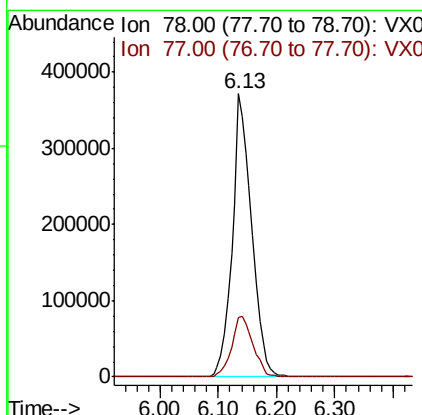
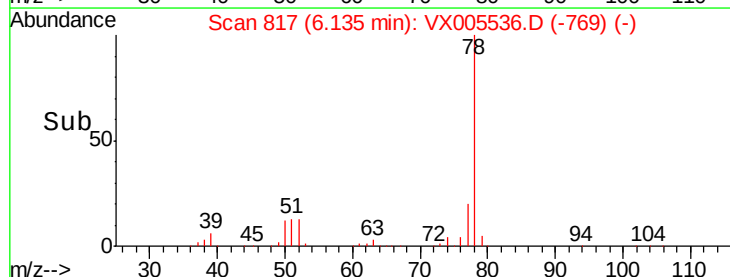
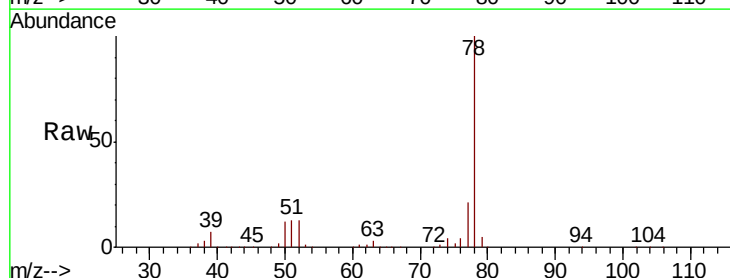
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

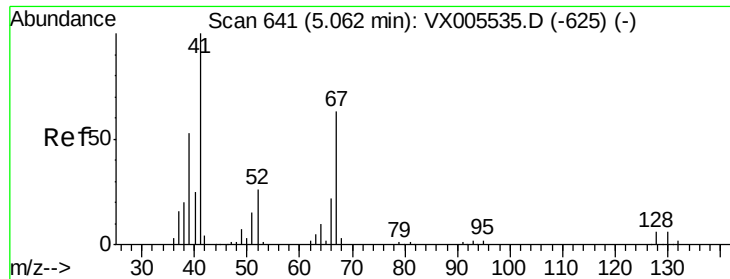
Tgt Ion: 83 Resp: 332007
Ion Ratio Lower Upper
83 100
55 81.4 63.7 95.5
98 45.8 36.2 54.2



#40
Benzene
Concen: 99.570 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 78 Resp: 852318
Ion Ratio Lower Upper
78 100
77 20.8 18.4 27.6

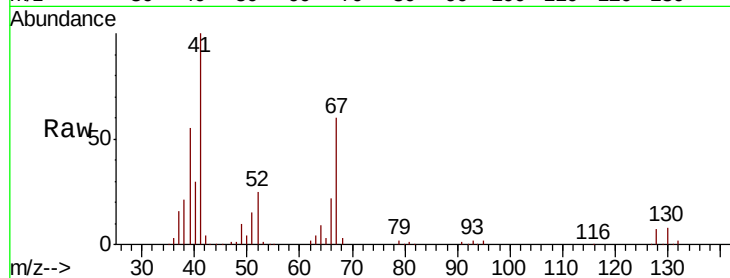




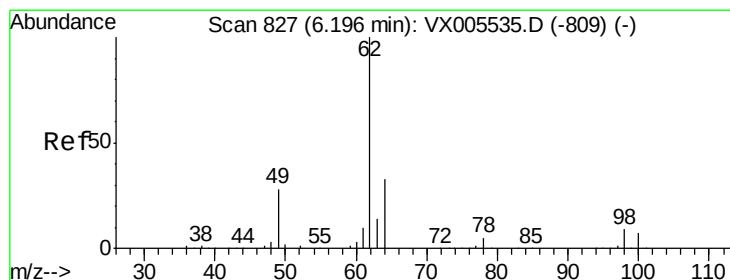
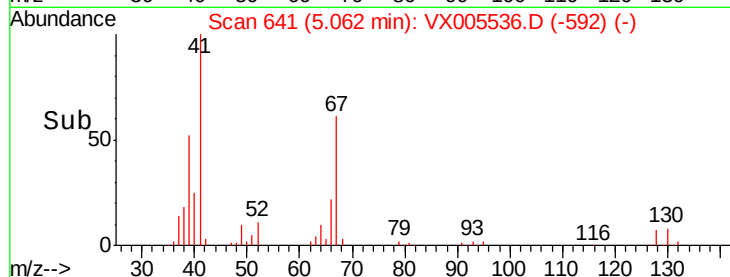
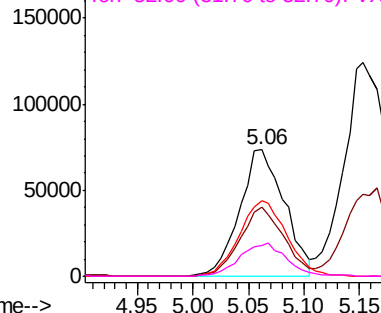
#41
Methacrylonitrile
Concen: 96.722 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	205300
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.2	63.2
67	63.9	53.4	80.0
52	27.6	23.4	35.2

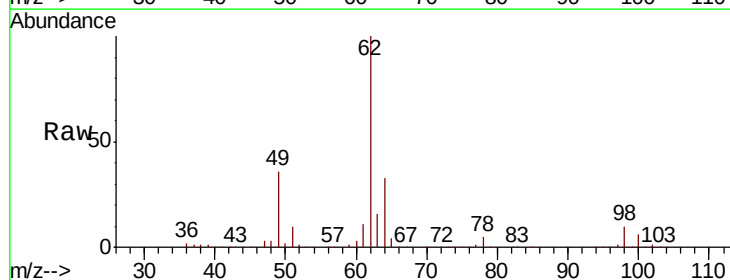


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

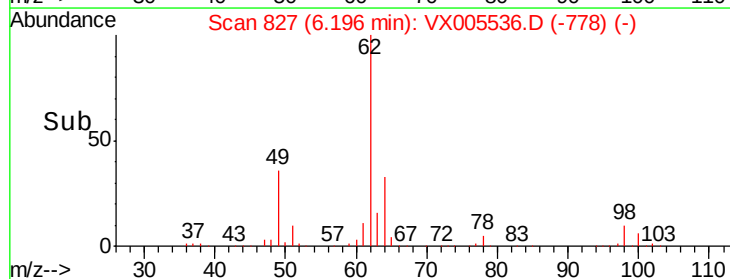
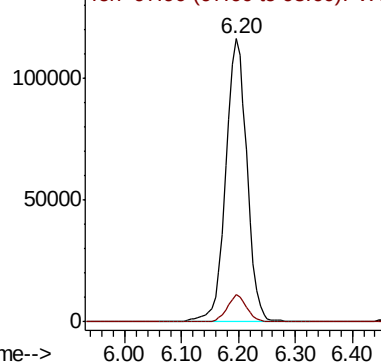


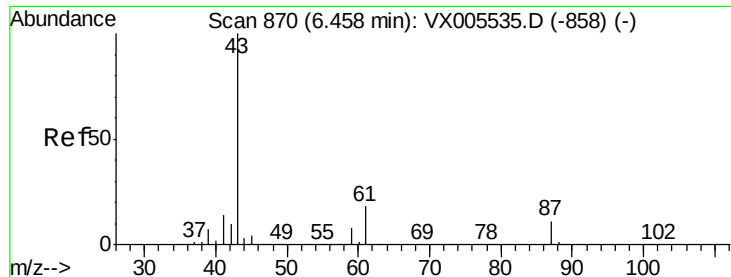
#42
1,2-Dichloroethane
Concen: 91.807 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion:	62	Resp:	298539
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 99.602 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

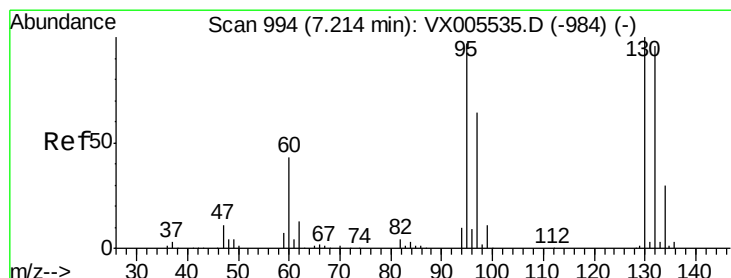
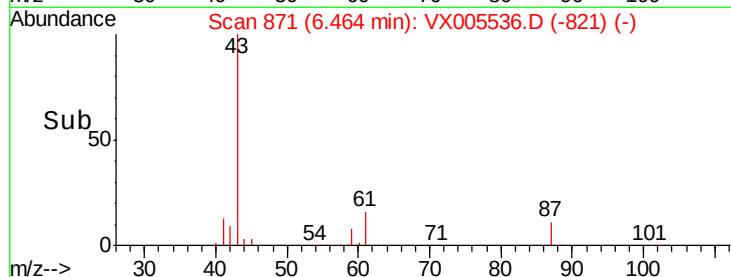
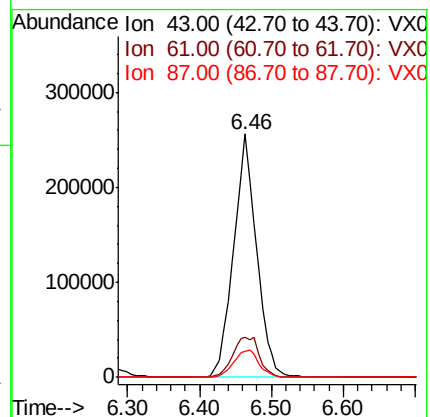
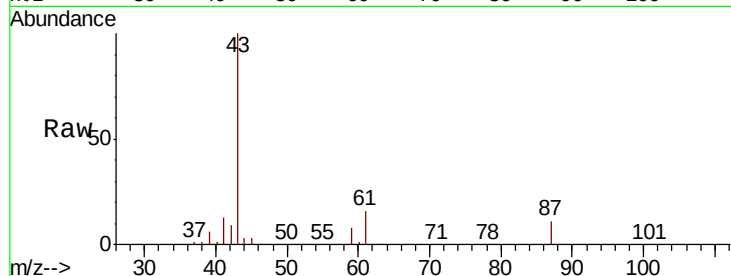
Tgt Ion: 43 Resp: 568737

Ion Ratio Lower Upper

43 100

61 19.2 14.6 22.0

87 12.4 9.6 14.4



#44

Trichloroethene

Concen: 94.249 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005536.D

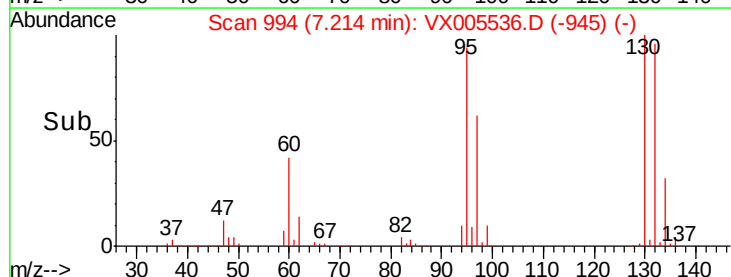
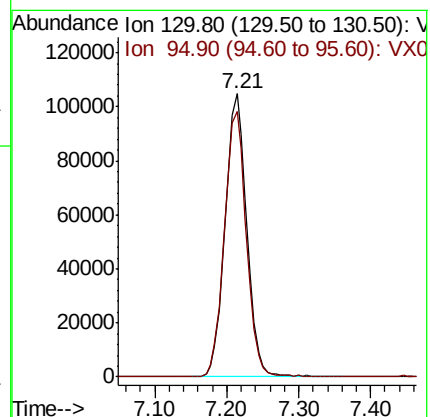
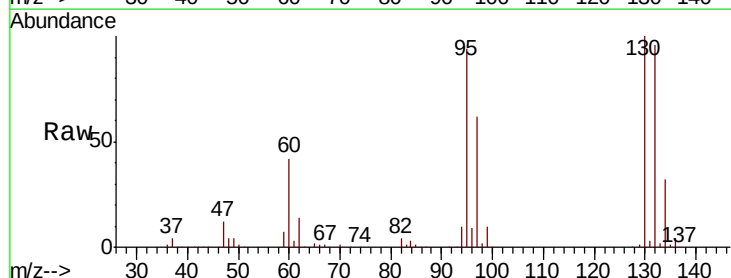
Acq: 24 Oct 2018 12:25

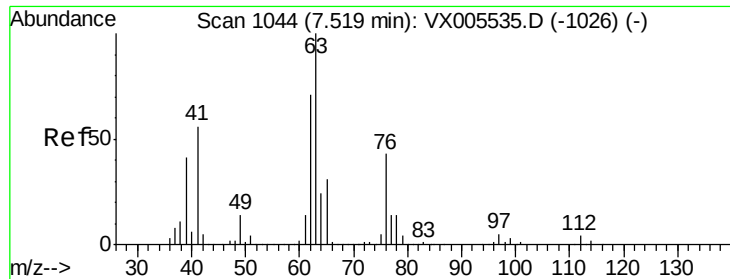
Tgt Ion: 130 Resp: 219784

Ion Ratio Lower Upper

130 100

95 93.9 0.0 194.2

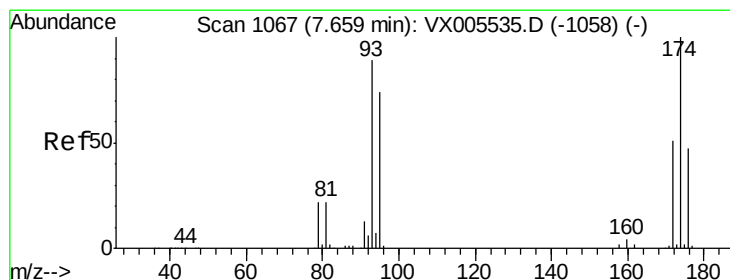
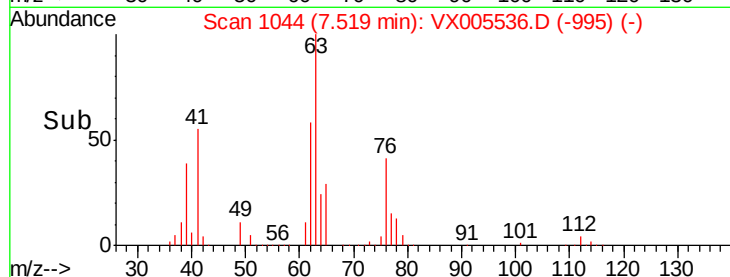
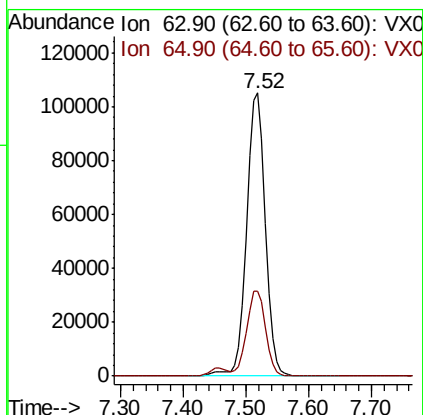
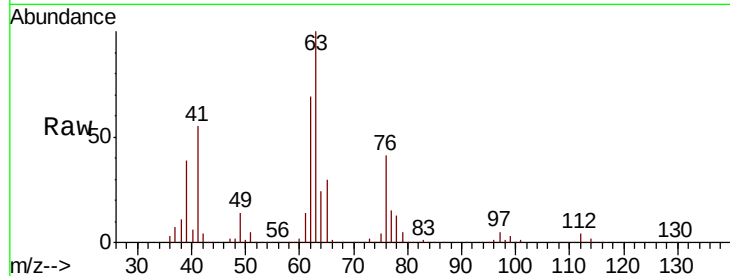




#45
 1,2-Dichloropropane
 Concen: 94.072 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

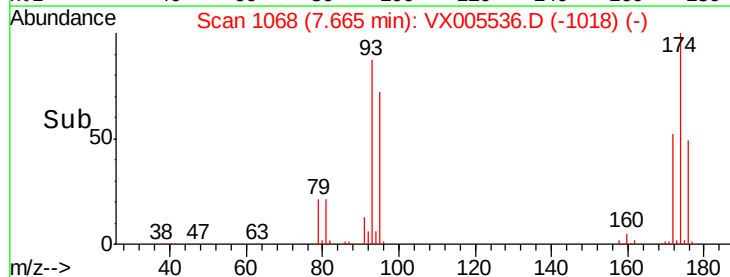
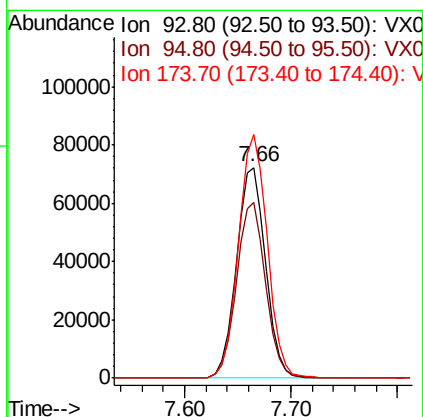
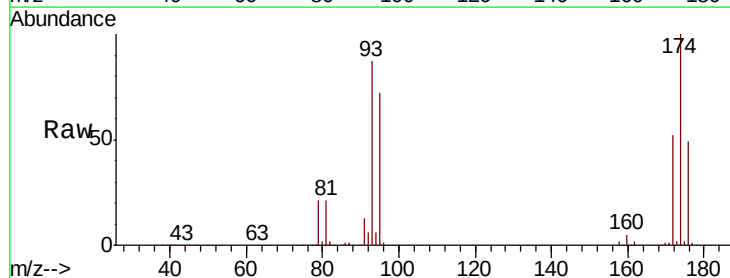
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

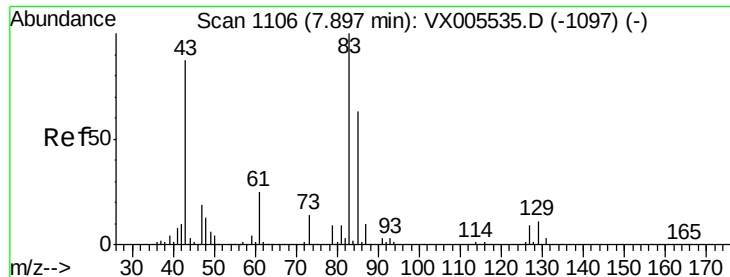
Tgt Ion: 63 Resp: 216493
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.8 37.2



#46
 Dibromomethane
 Concen: 93.648 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion: 93 Resp: 139195
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.4 101.0
 174 114.6 91.5 137.3





#47

Bromodichloromethane

Concen: 96.062 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

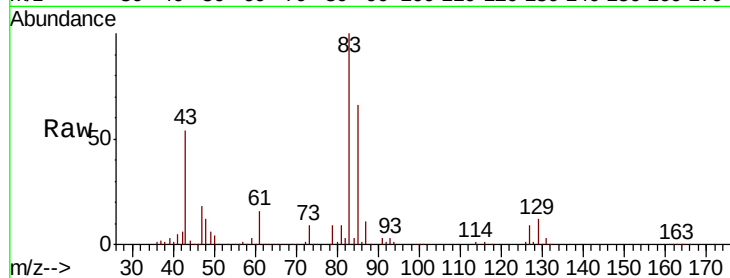
Tgt Ion: 83 Resp: 277123

Ion Ratio Lower Upper

83 100

85 65.6 50.2 75.4

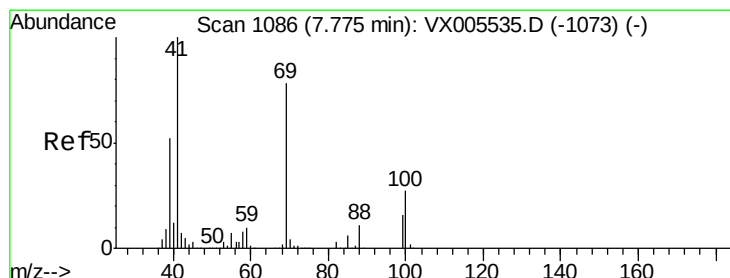
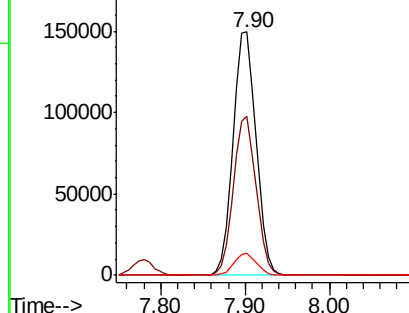
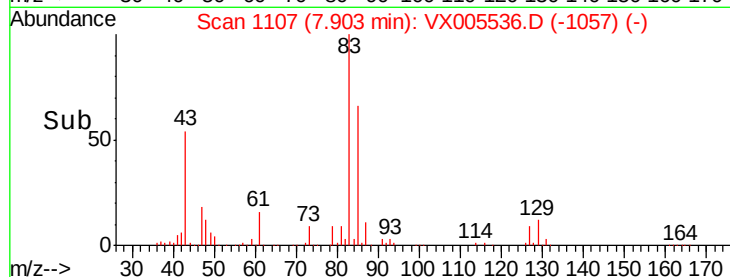
127 9.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 105.296 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

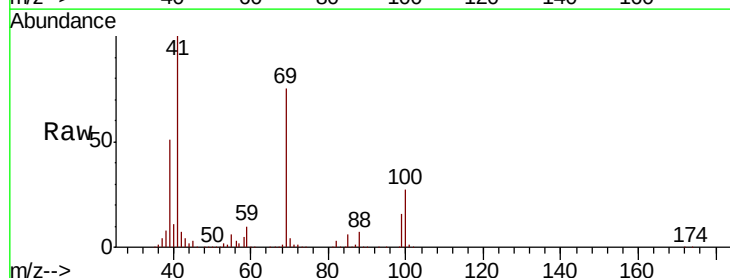
Tgt Ion: 41 Resp: 292907

Ion Ratio Lower Upper

41 100

69 76.9 63.2 94.8

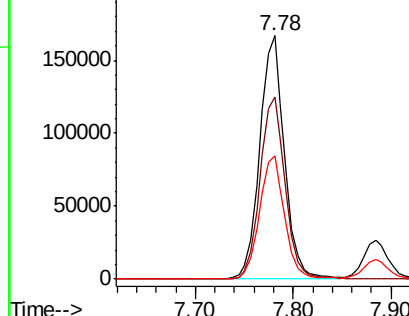
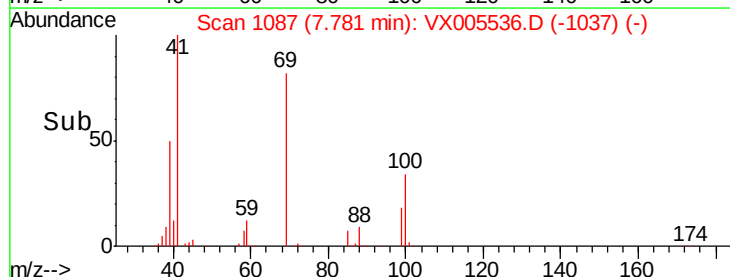
39 51.5 42.2 63.2

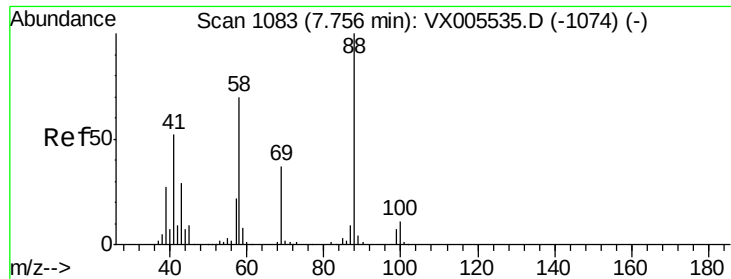


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

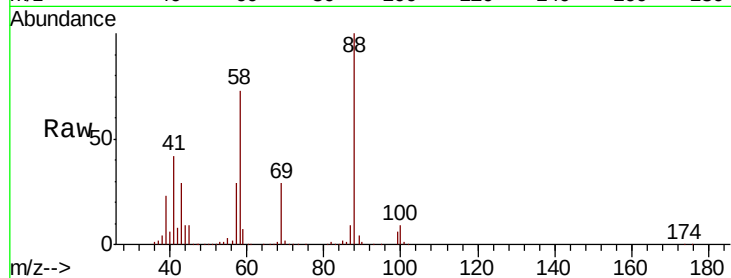




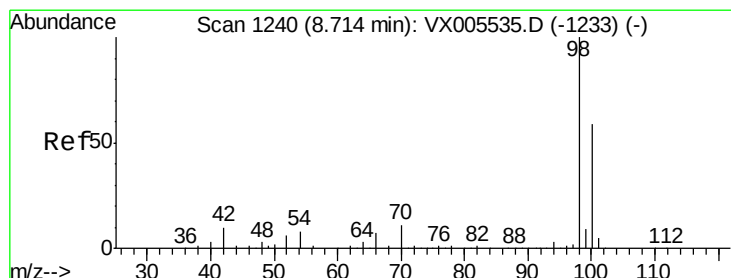
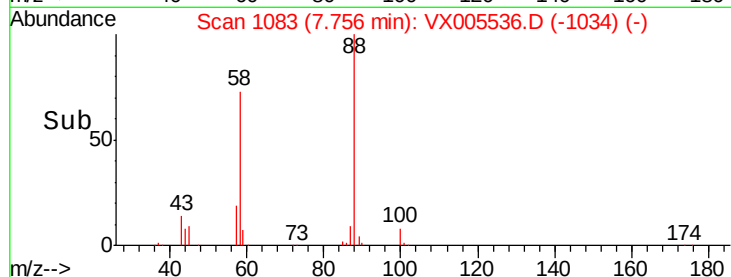
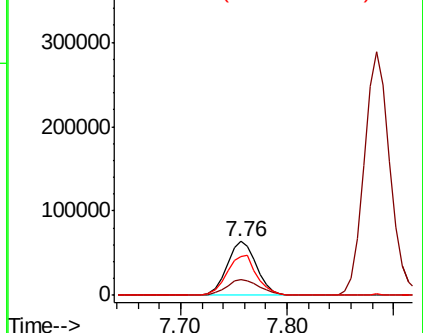
#49
 1,4-Dioxane
 Concen: 2037.838 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 88 Resp: 123881
 Ion Ratio Lower Upper
 88 100
 43 33.2 27.4 41.0
 58 75.2 59.4 89.2

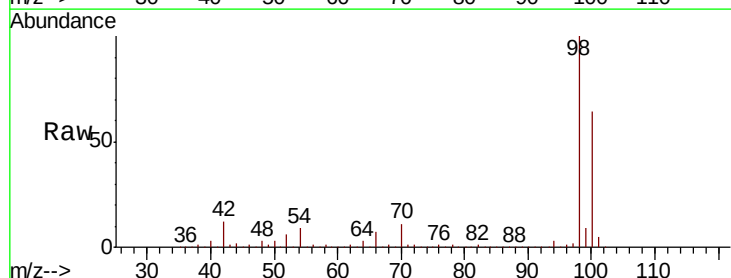


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

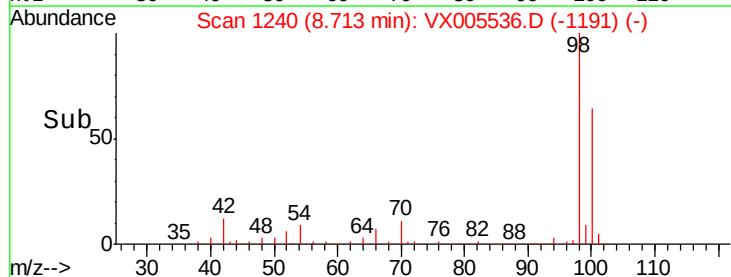
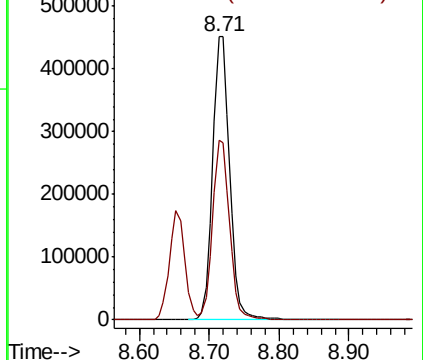


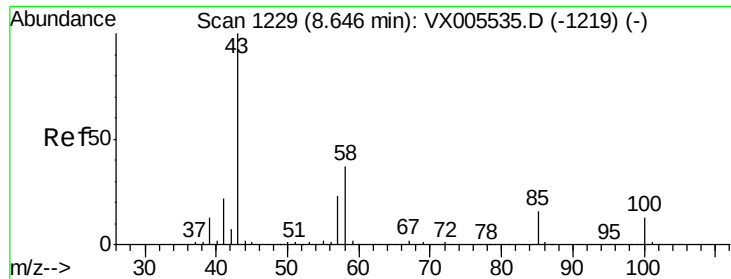
#50
 Toluene-d8
 Concen: 102.096 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion: 98 Resp: 764333
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 514.062 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

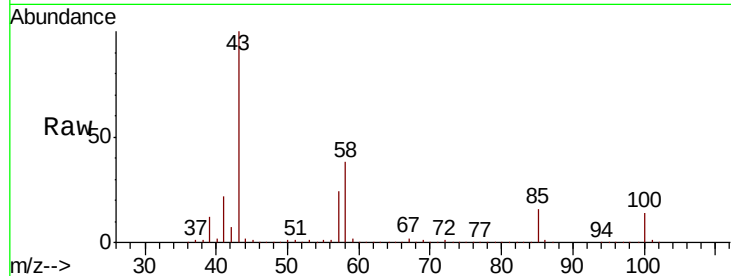
VSTDIC100

Tgt Ion: 43 Resp: 1972734

Ion Ratio Lower Upper

43 100

58 37.5 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

1500000

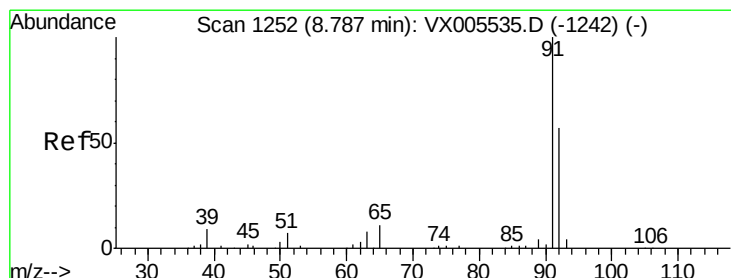
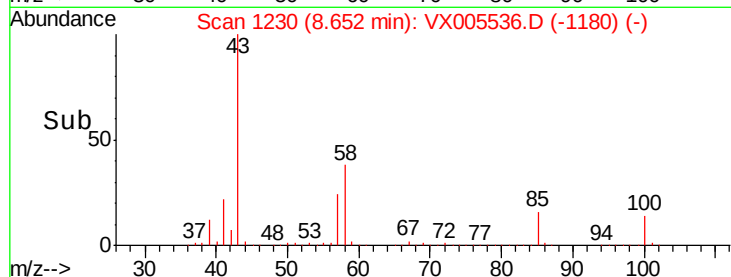
1000000

500000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 98.562 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005536.D

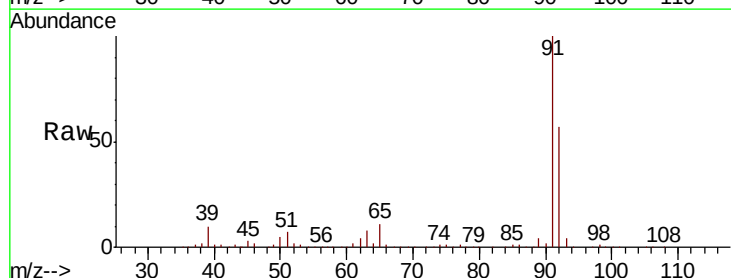
Acq: 24 Oct 2018 12:25

Tgt Ion: 92 Resp: 512753

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

600000

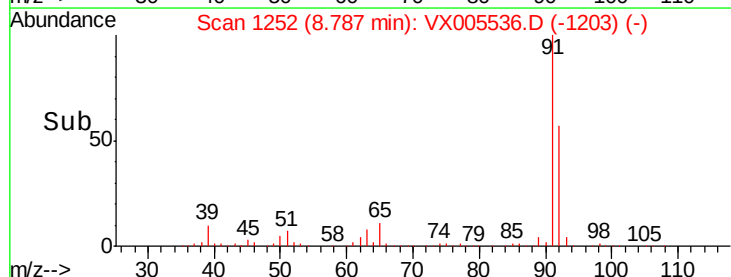
400000

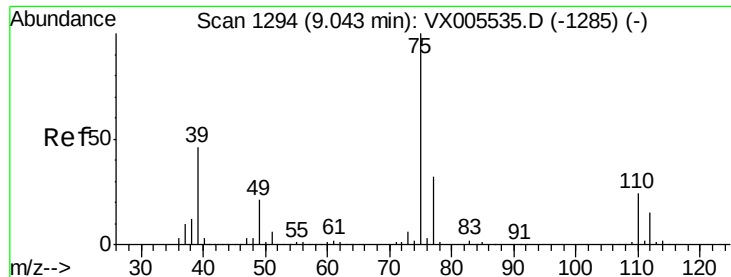
200000

0

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 105.279 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

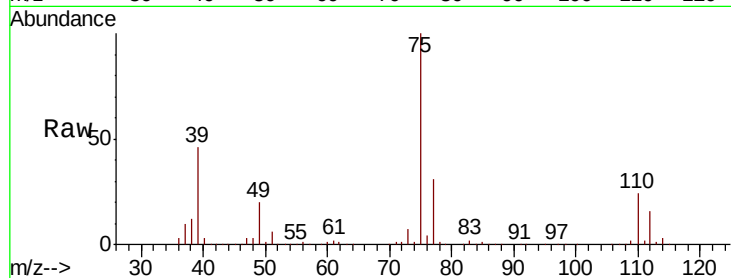
VSTDIC100

Tgt Ion: 75 Resp: 328243

Ion Ratio Lower Upper

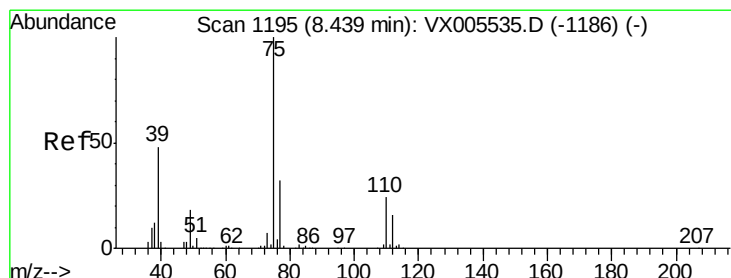
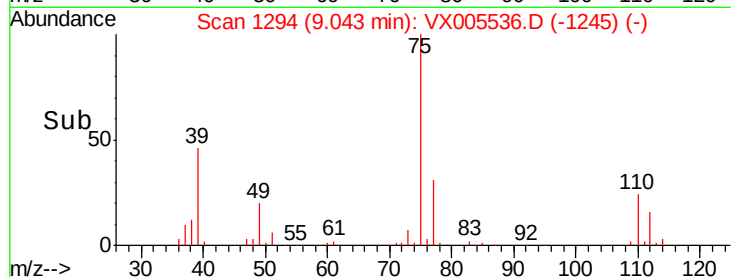
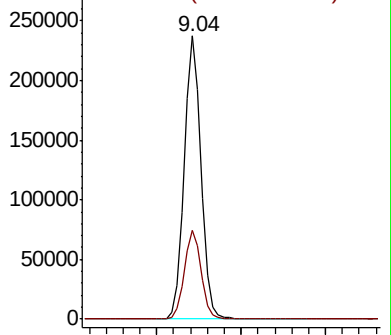
75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 102.093 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

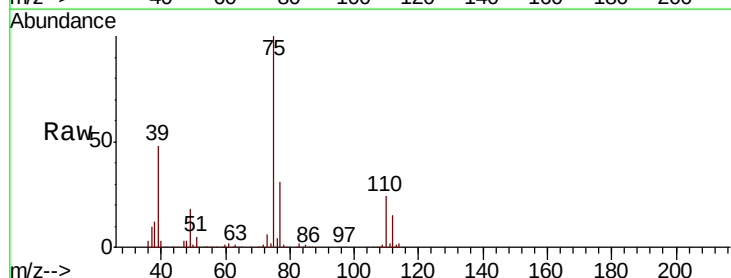
Tgt Ion: 75 Resp: 342702

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

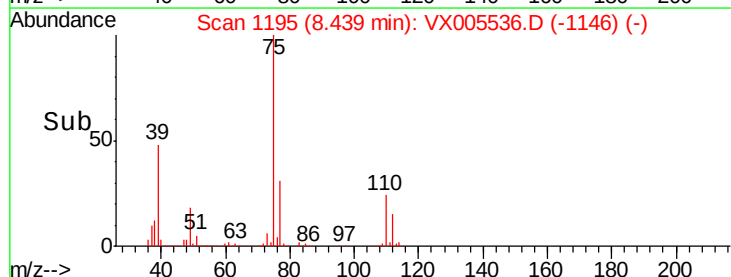
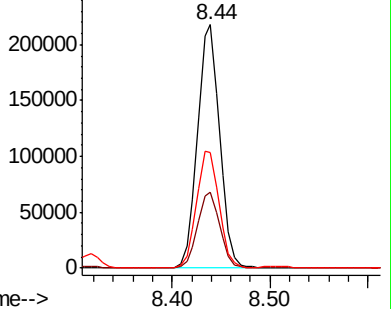
39 47.6 38.2 57.2

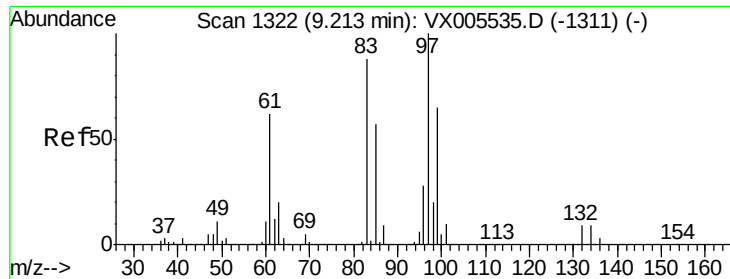


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 95.171 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 208742

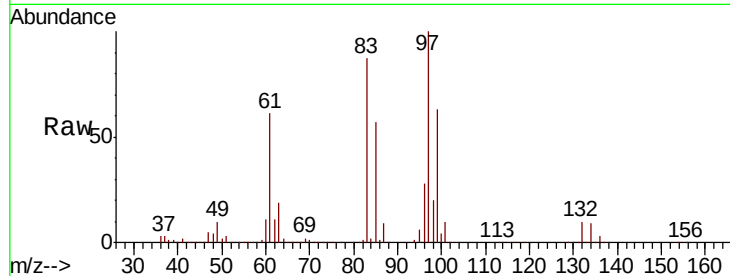
Ion Ratio Lower Upper

97 100

83 87.3 70.7 106.1

85 56.6 45.8 68.6

99 62.5 51.8 77.8

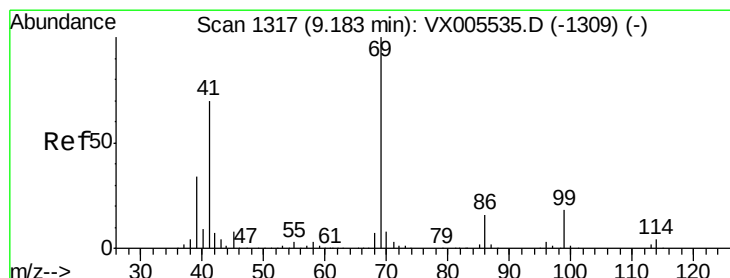
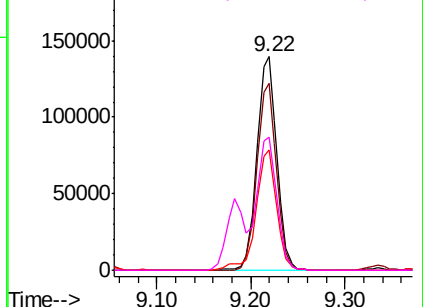
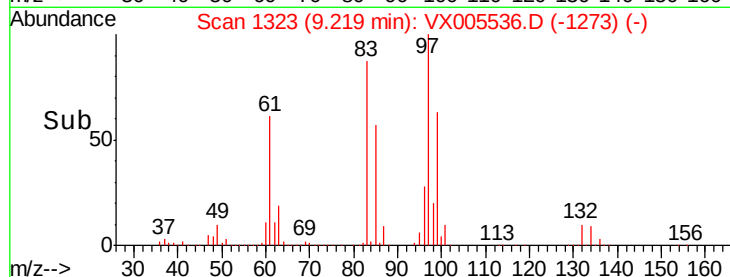


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 108.301 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

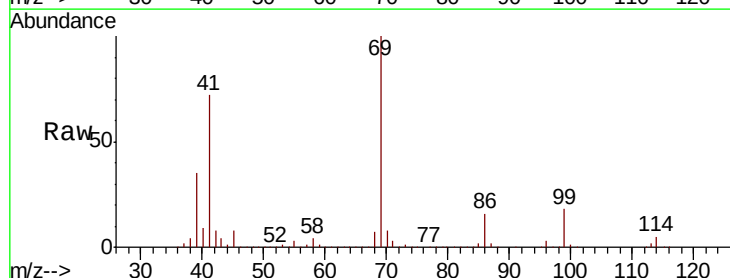
Tgt Ion: 69 Resp: 354313

Ion Ratio Lower Upper

69 100

41 71.7 57.0 85.6

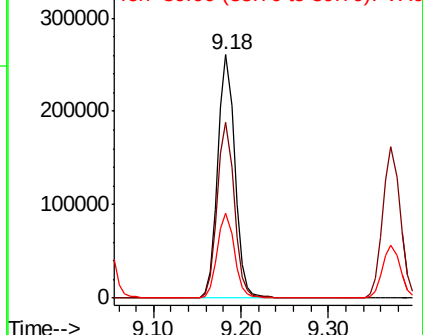
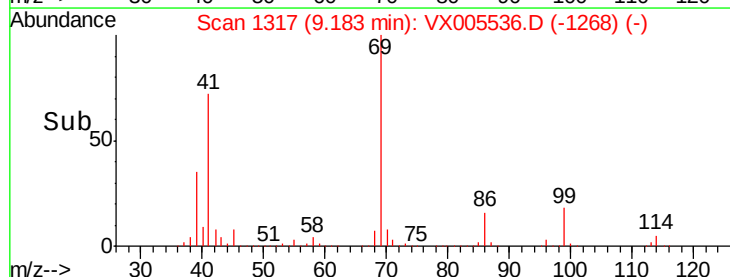
39 34.9 28.3 42.5

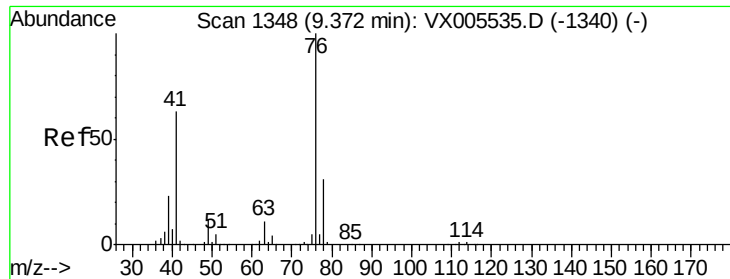


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

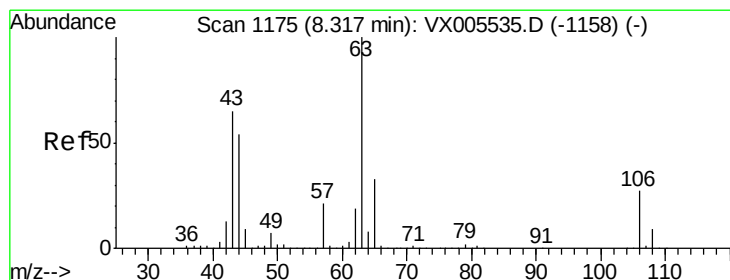
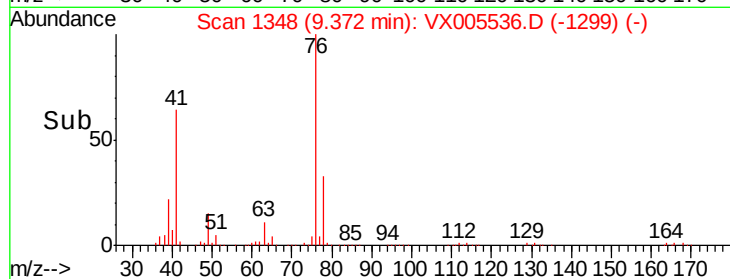
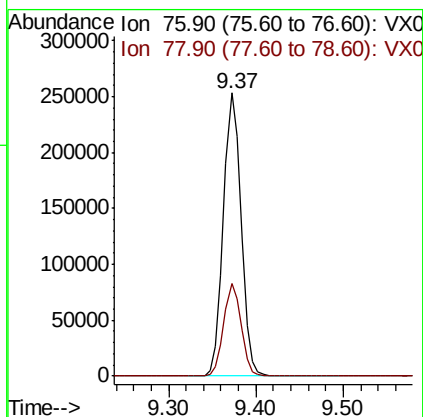
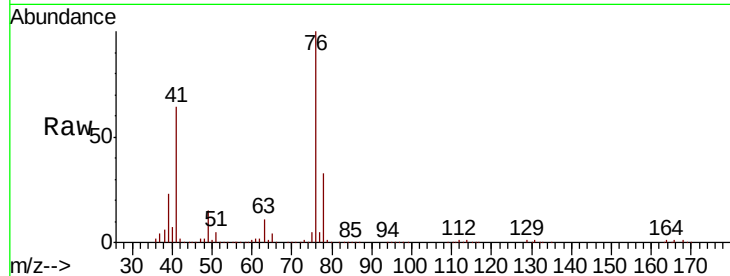




#57
 1,3-Dichloropropane
 Concen: 95.684 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

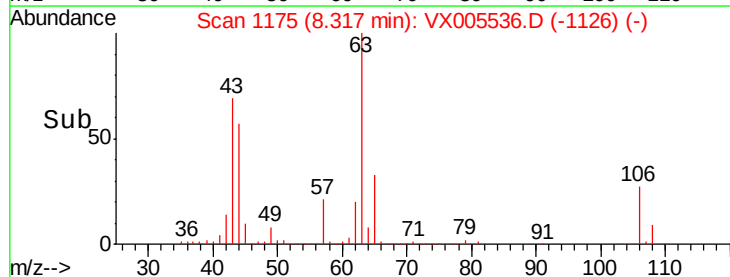
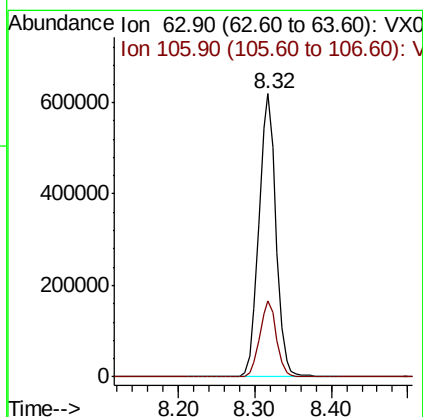
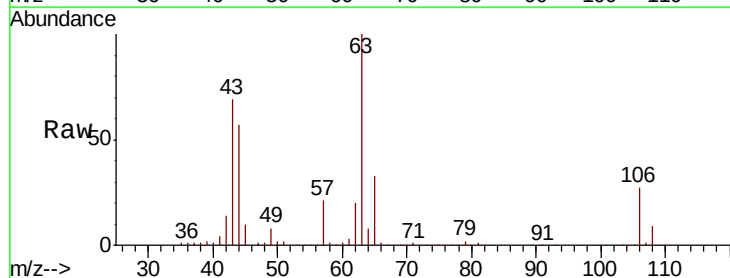
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

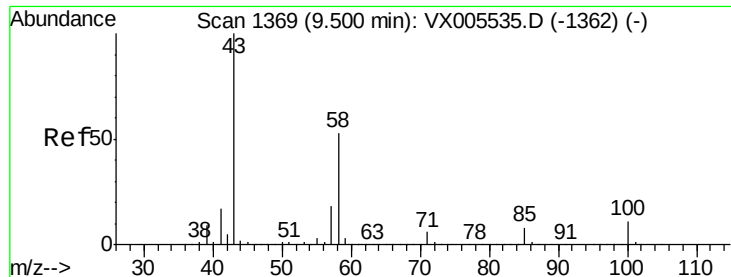
Tgt Ion: 76 Resp: 355100
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 532.863 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion: 63 Resp: 973642
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.3 31.9

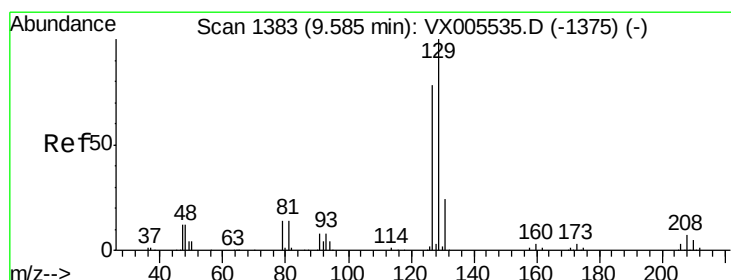
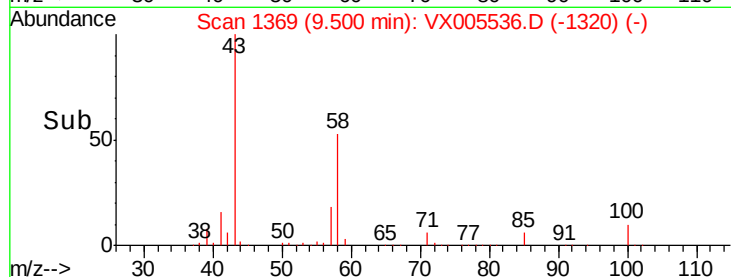
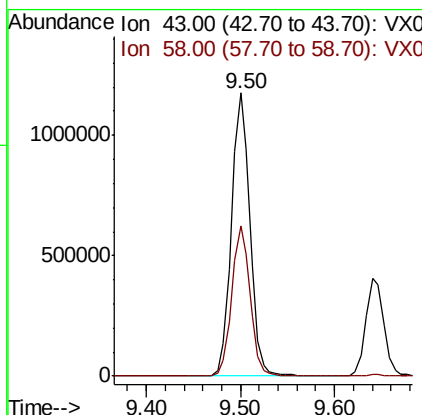
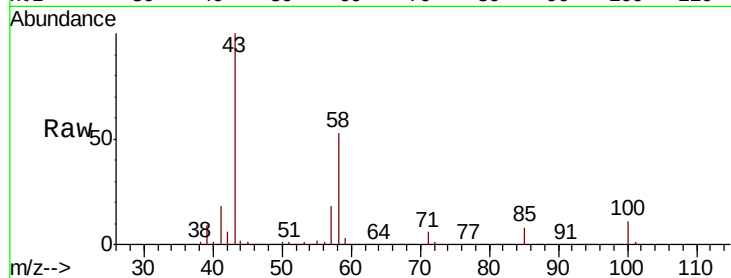




#59
2-Hexanone
Concen: 526.454 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

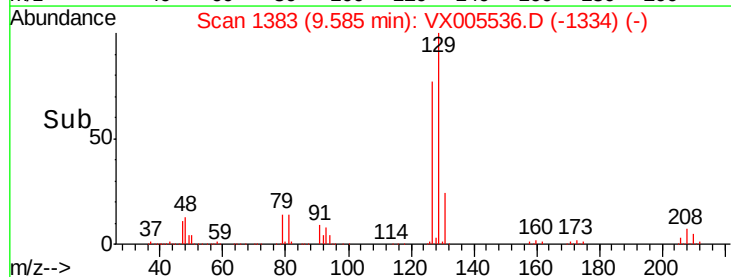
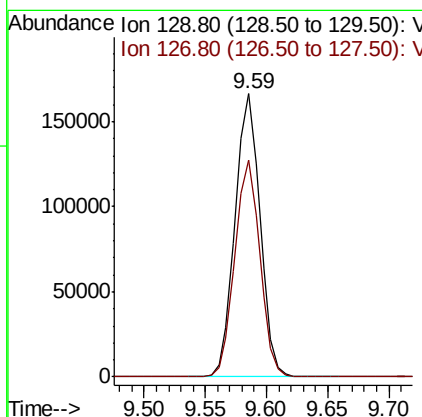
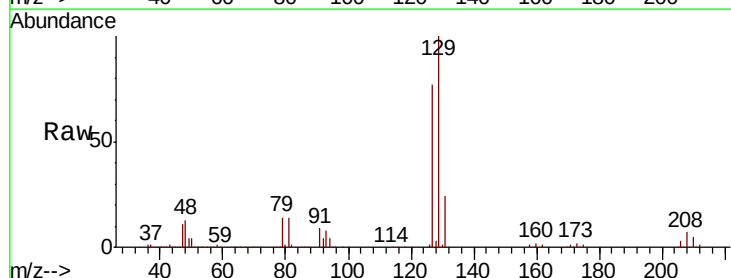
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

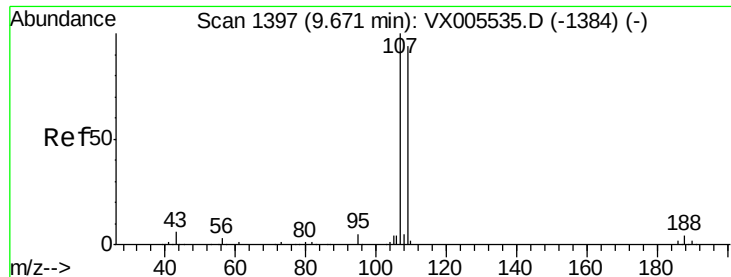
Tgt Ion: 43 Resp: 1592896
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8



#60
Dibromochloromethane
Concen: 102.562 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 129 Resp: 234701
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 98.733 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

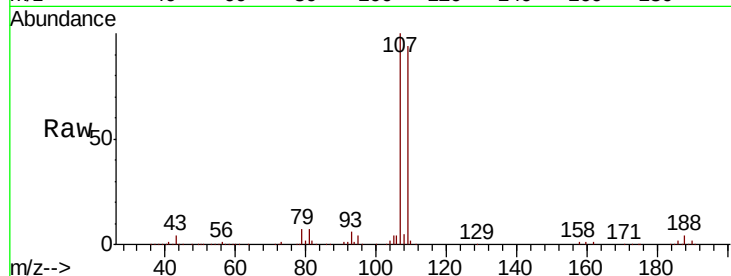
VSTDIC100

Tgt Ion:107 Resp: 224036

Ion Ratio Lower Upper

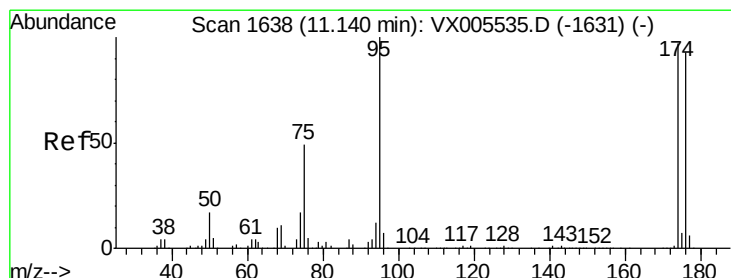
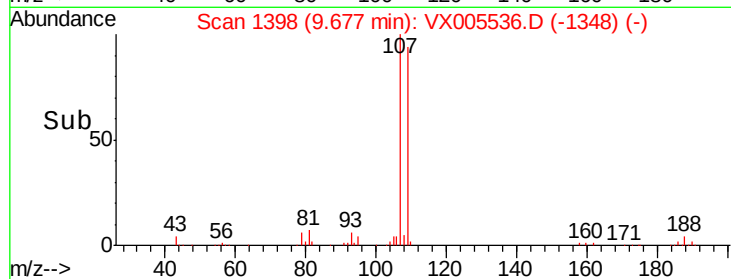
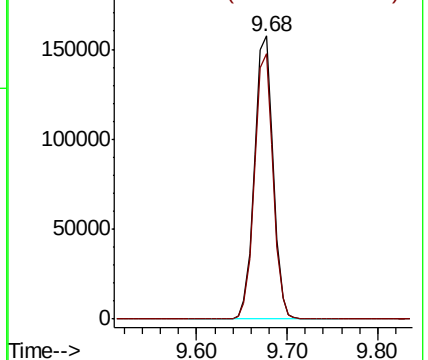
107 100

109 93.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 107.589 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

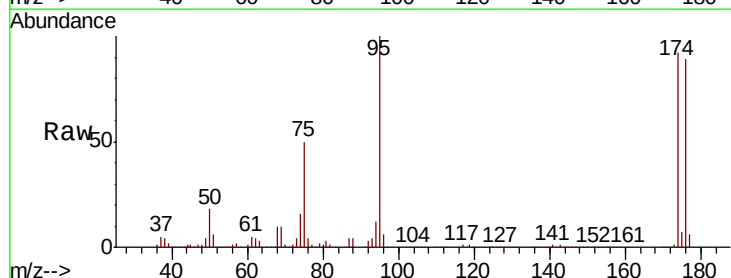
Tgt Ion: 95 Resp: 304178

Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

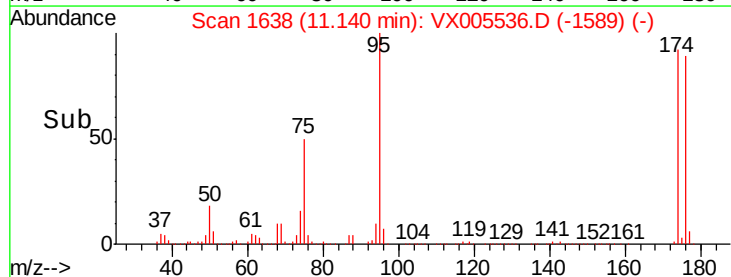
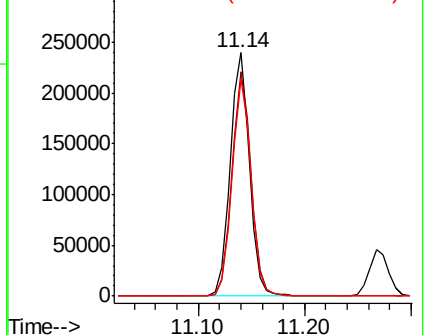
176 88.8 0.0 177.4

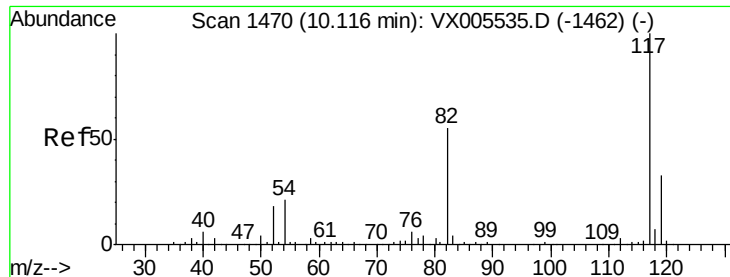


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

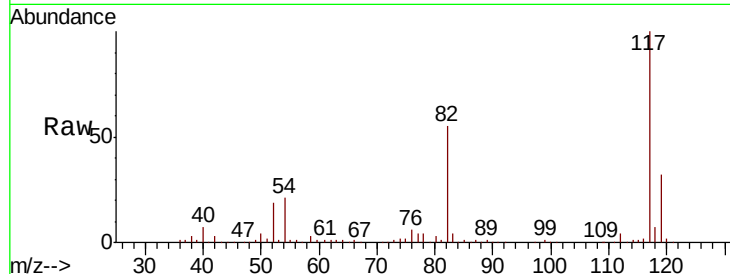




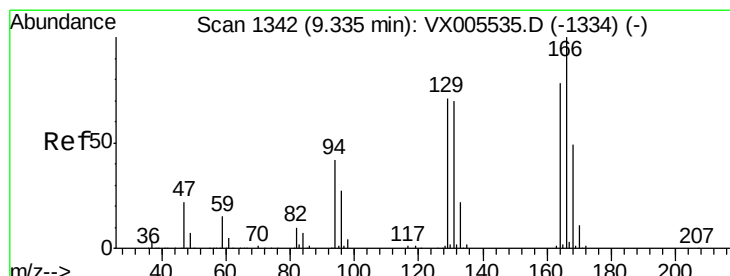
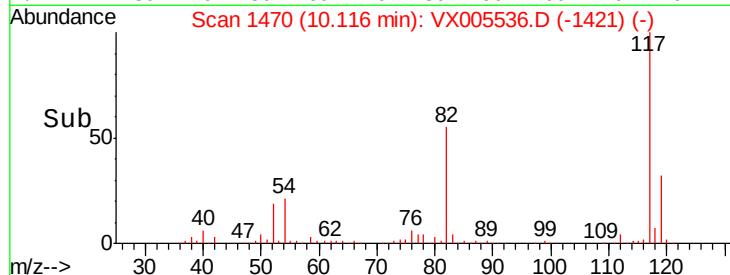
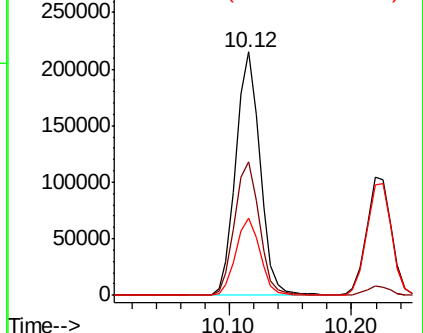
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 294892
Ion Ratio Lower Upper
117 100
82 54.6 44.1 66.1
119 31.9 26.2 39.2

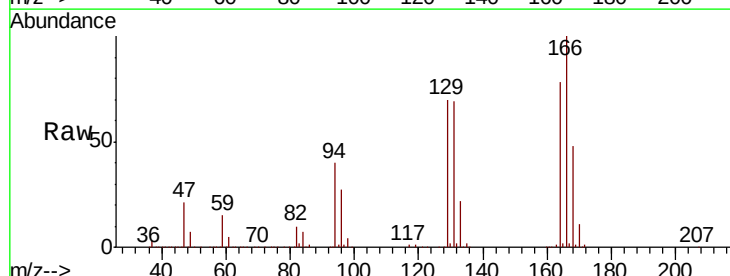


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

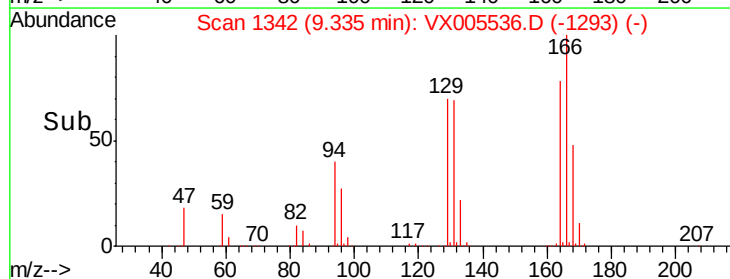
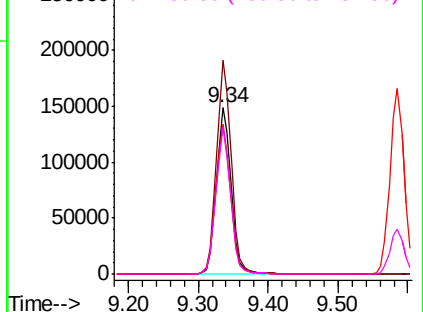


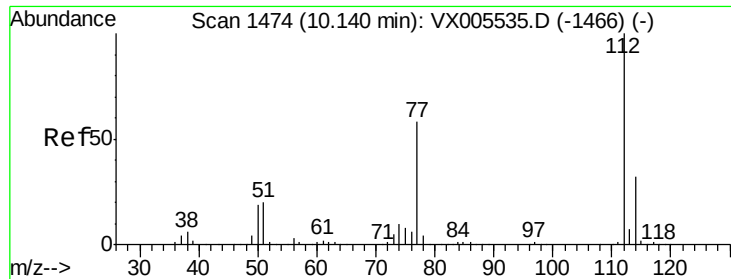
#64
Tetrachloroethene
Concen: 89.031 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion:164 Resp: 217948
Ion Ratio Lower Upper
164 100
166 128.7 101.9 152.9
129 90.5 72.6 109.0
131 88.7 71.1 106.7



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

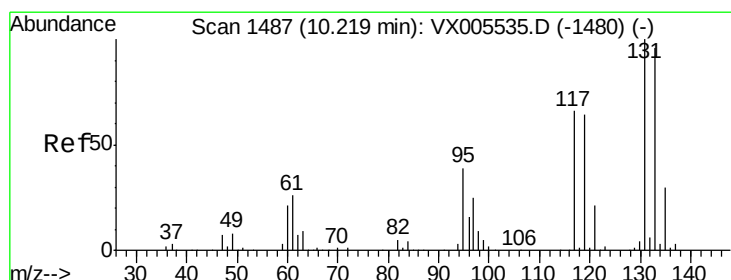
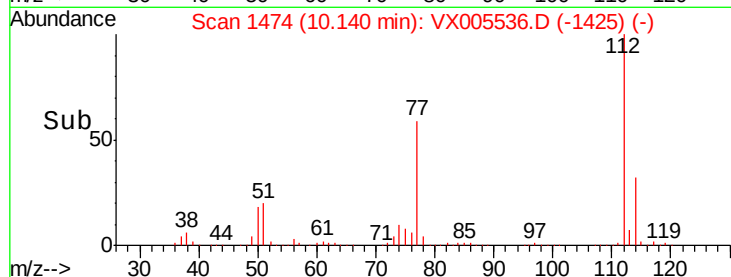
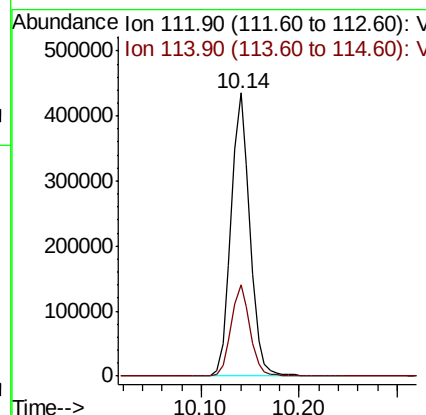
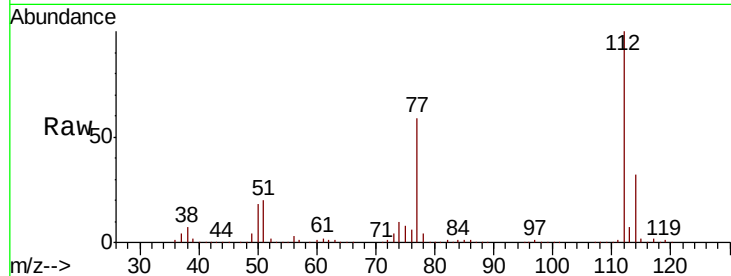




#65
Chlorobenzene
Concen: 93.017 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

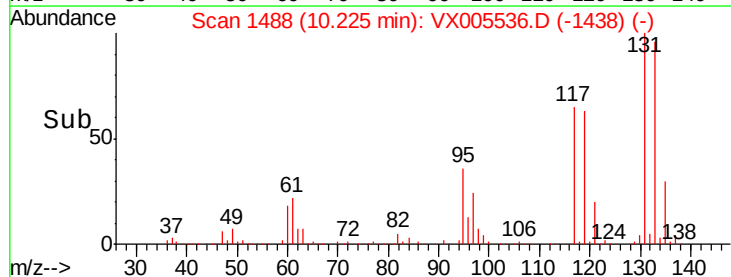
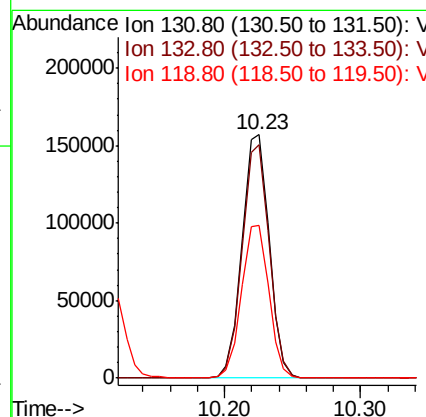
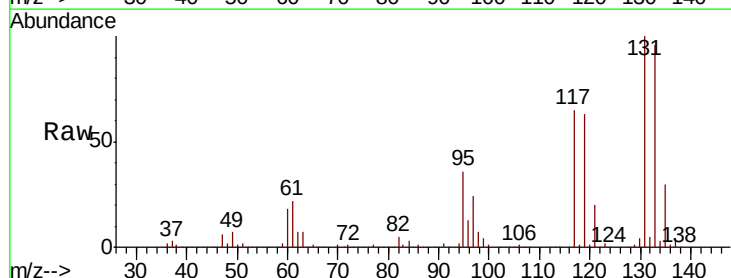
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

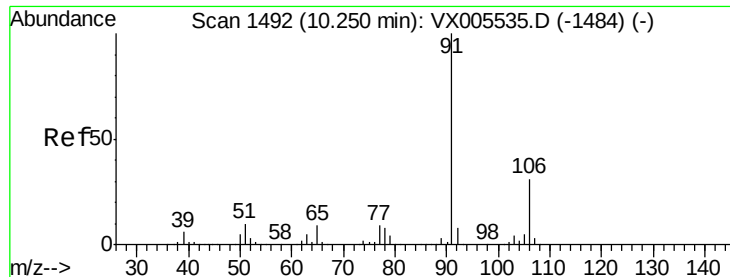
Tgt Ion:112 Resp: 584106
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 95.710 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion:131 Resp: 219148
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 63.4 31.8 95.3





#67

Ethyl Benzene

Concen: 99.420 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

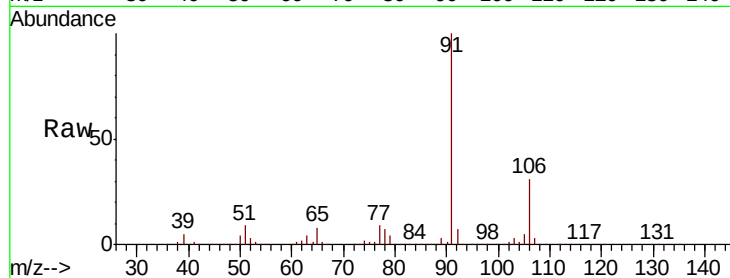
VSTDIC100

Tgt Ion: 91 Resp: 1027177

Ion Ratio Lower Upper

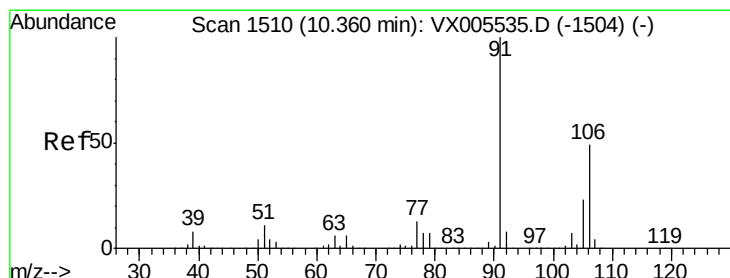
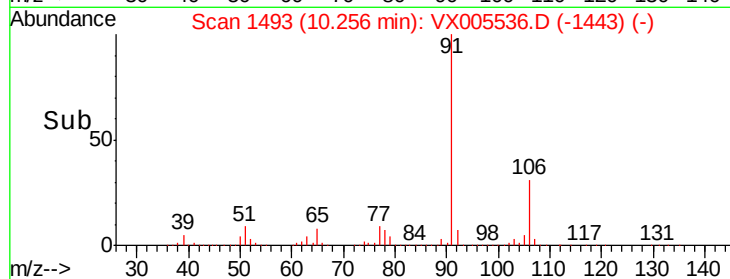
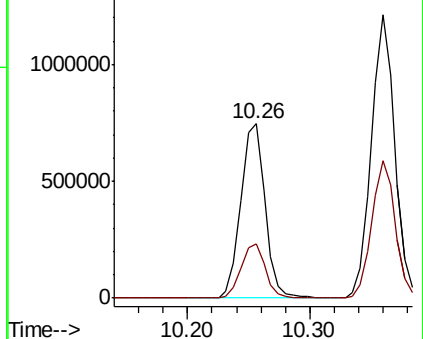
91 100

106 31.1 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005536.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX005536.D (-1443) (-)



#68

m/p-Xylenes

Concen: 197.613 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005536.D

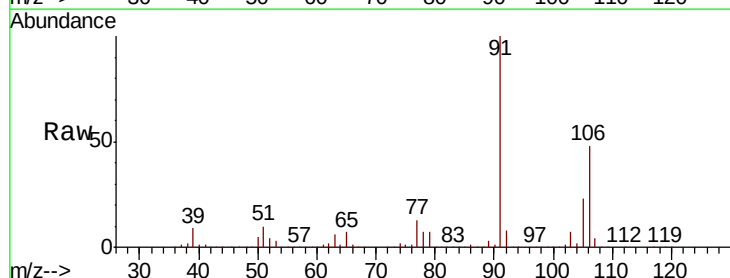
Acq: 24 Oct 2018 12:25

Tgt Ion: 106 Resp: 792107

Ion Ratio Lower Upper

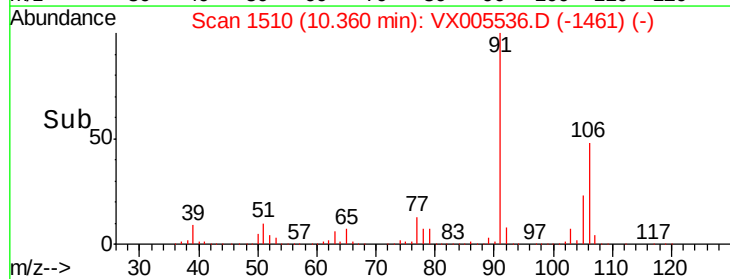
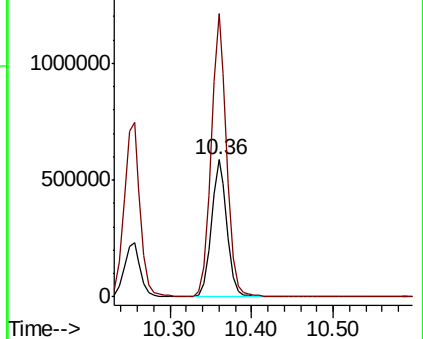
106 100

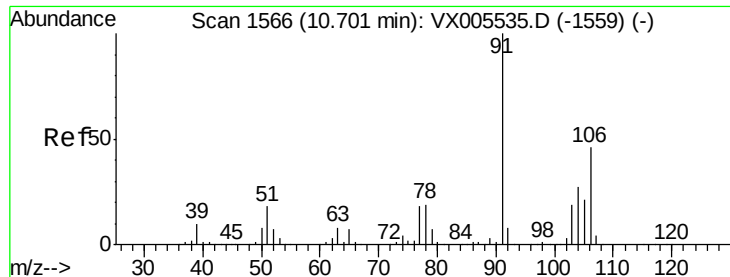
91 204.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005536.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX005536.D (-1461) (-)

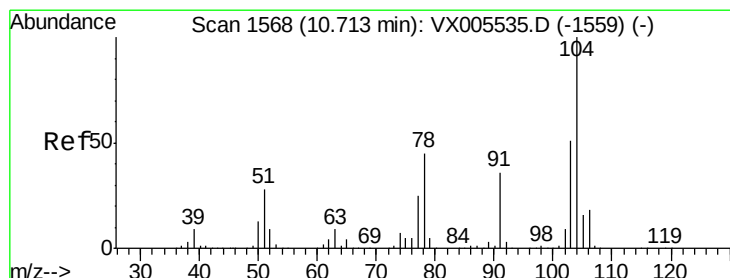
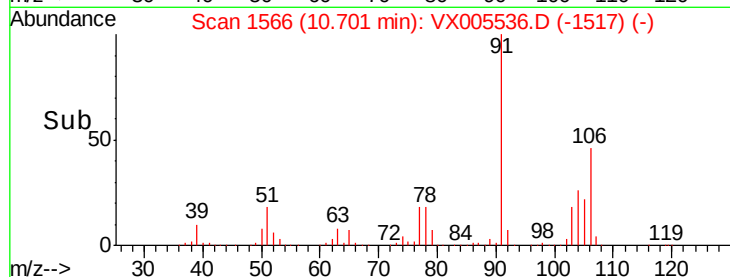
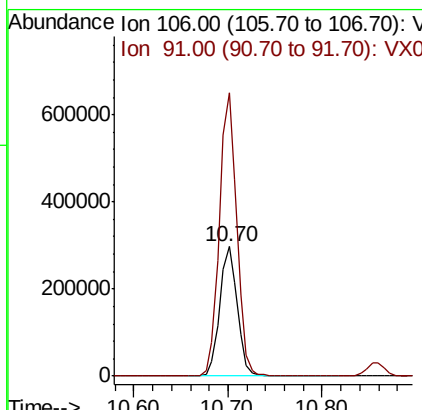
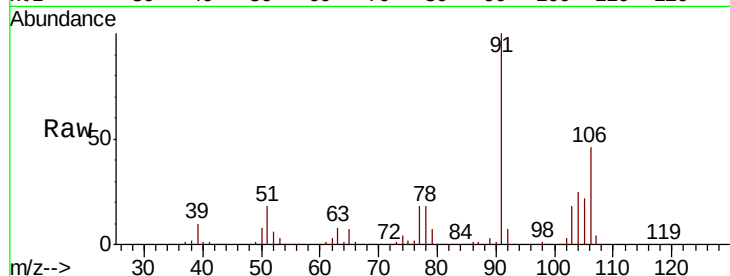




#69
o-Xylene
Concen: 101.687 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

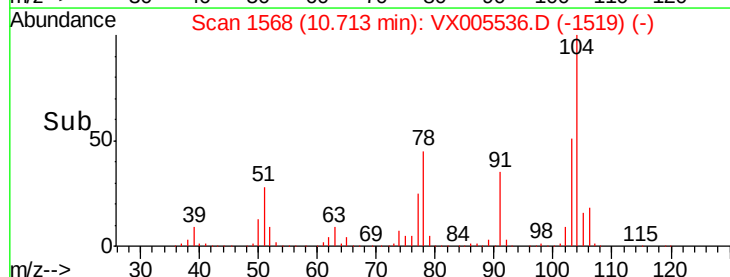
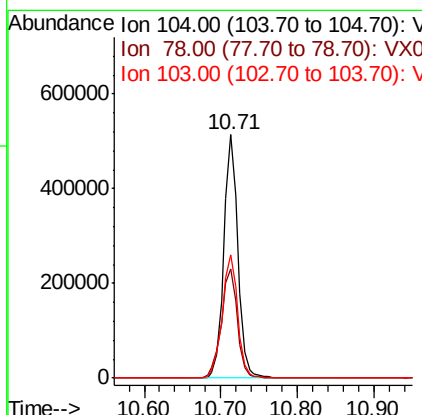
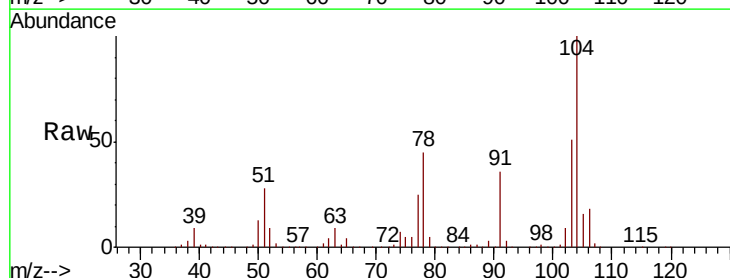
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

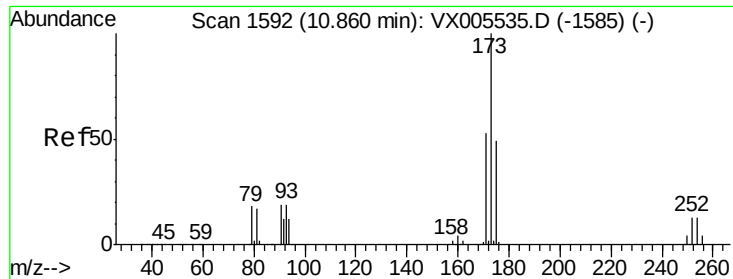
Tgt Ion:106 Resp: 383477
Ion Ratio Lower Upper
106 100
91 217.2 108.5 325.5



#70
Styrene
Concen: 103.497 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion:104 Resp: 653377
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.4
103 56.0 44.9 67.3





#71

Bromoform

Concen: 102.498 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

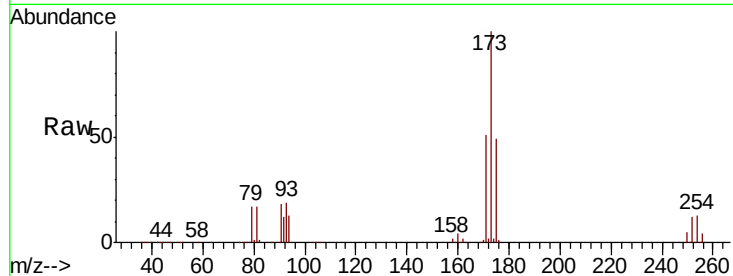
Tgt Ion:173 Resp: 209423

Ion Ratio Lower Upper

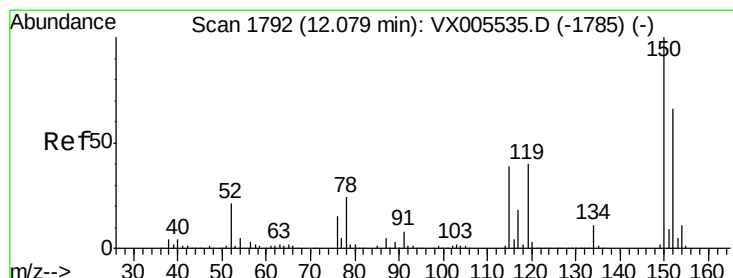
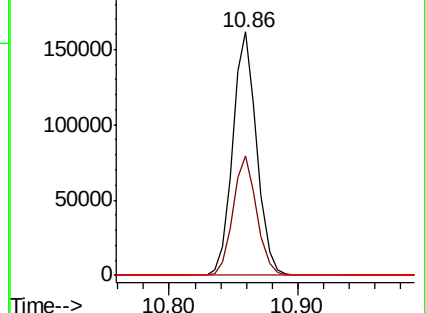
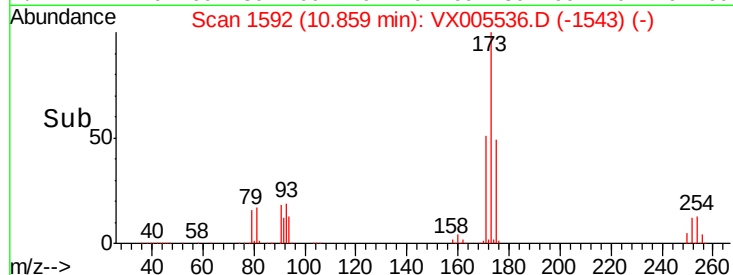
173 100

175 48.8 24.8 74.3

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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

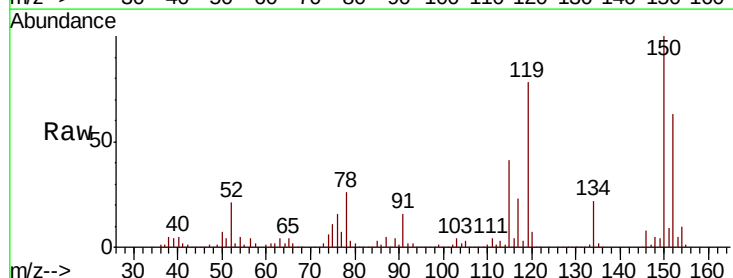
Tgt Ion:152 Resp: 175602

Ion Ratio Lower Upper

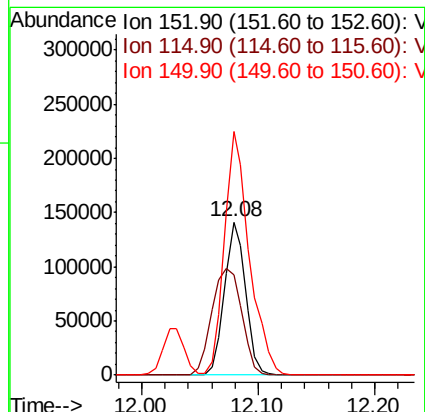
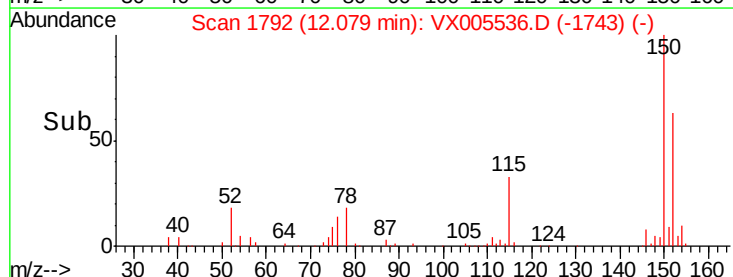
152 100

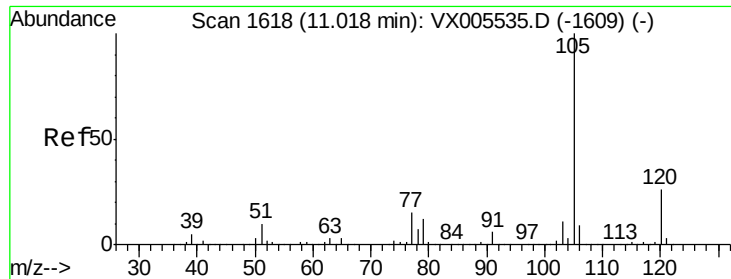
115 99.2 39.4 118.1

150 188.2 0.0 346.4



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





#73

Isopropylbenzene

Concen: 97.508 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

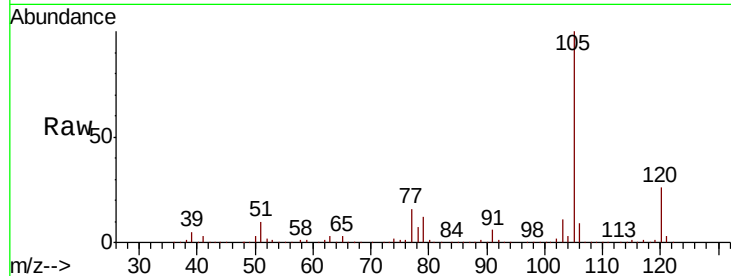
VSTDIC100

Tgt Ion:105 Resp: 1046676

Ion Ratio Lower Upper

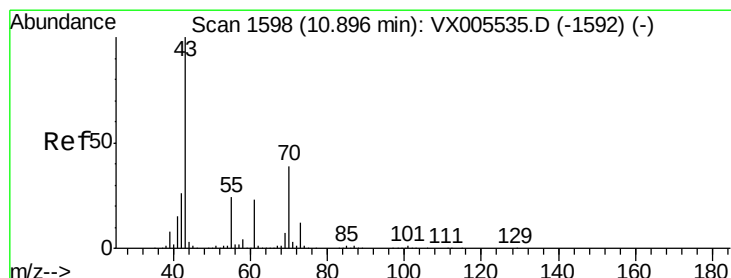
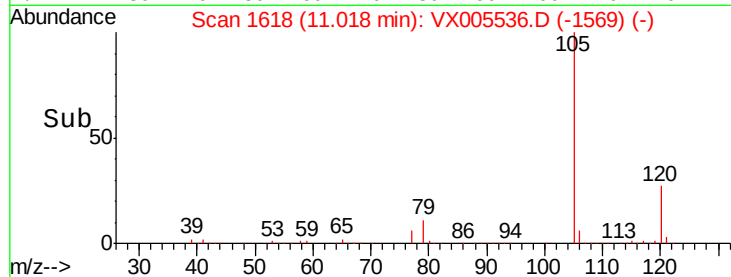
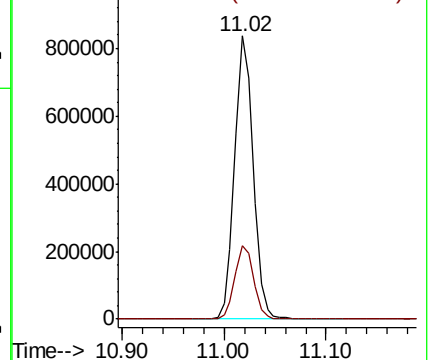
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 102.772 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tgt Ion: 43 Resp: 546626

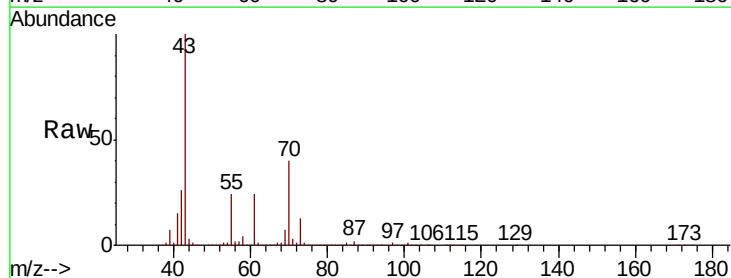
Ion Ratio Lower Upper

43 100

70 39.6 31.6 47.4

55 24.1 19.7 29.5

61 23.2 18.3 27.5

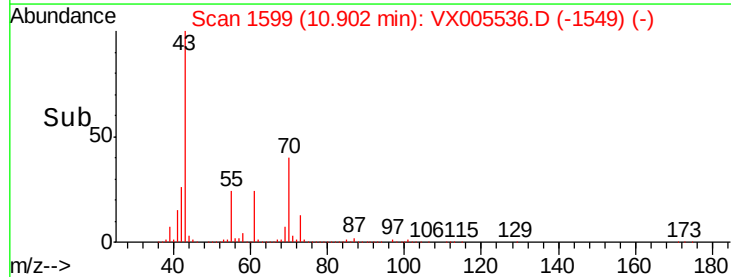
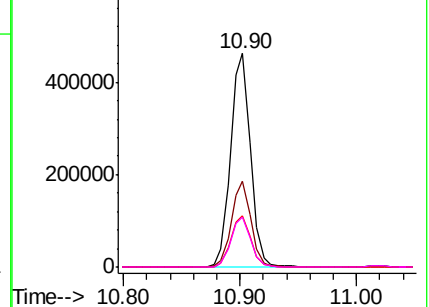


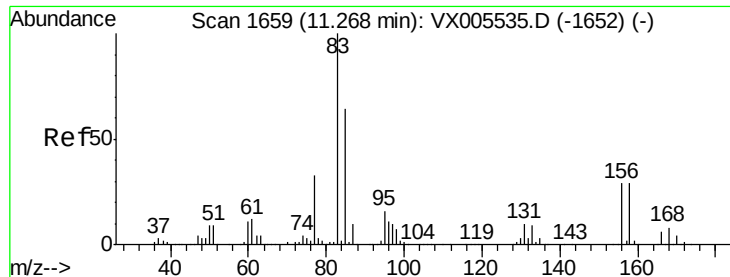
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 92.827 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

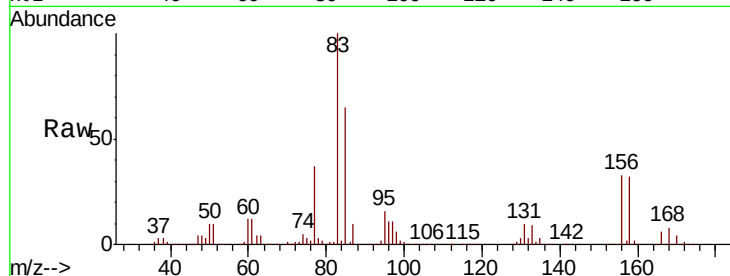
Tgt Ion: 83 Resp: 367613

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

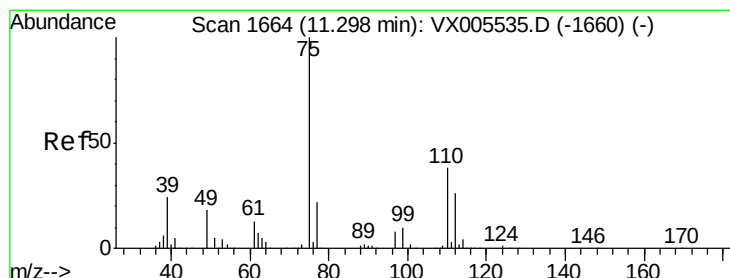
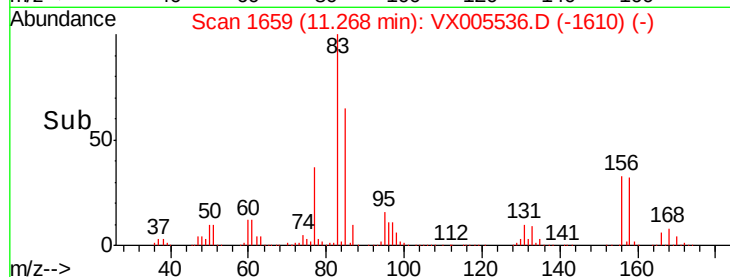
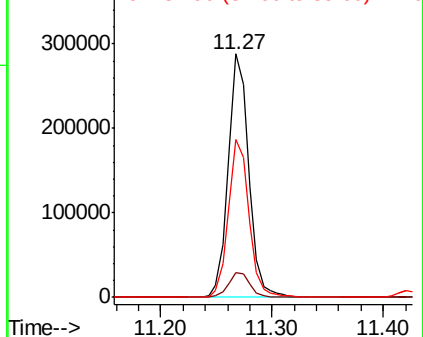
85 65.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 123.800 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005536.D

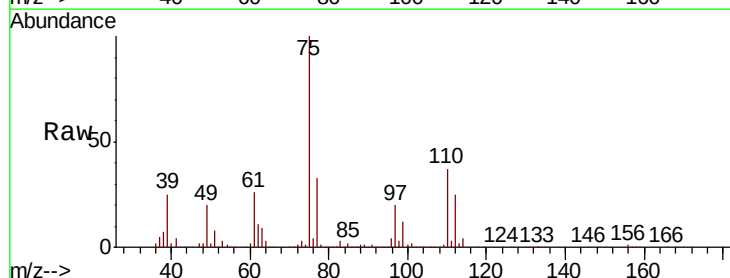
Acq: 24 Oct 2018 12:25

Tgt Ion: 75 Resp: 445470

Ion Ratio Lower Upper

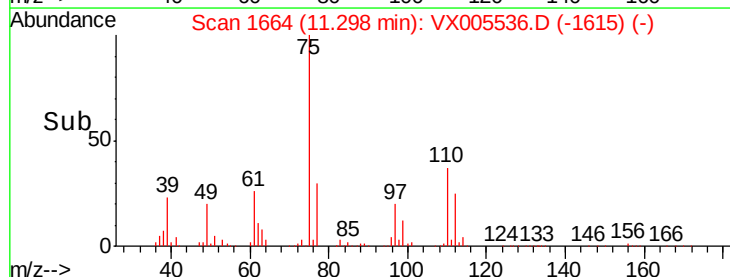
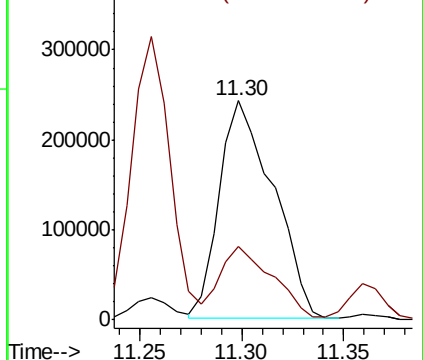
75 100

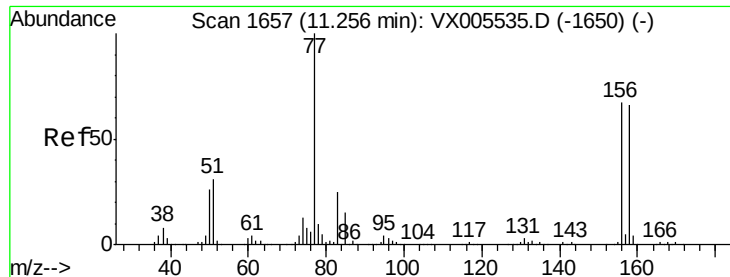
77 32.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 94.332 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

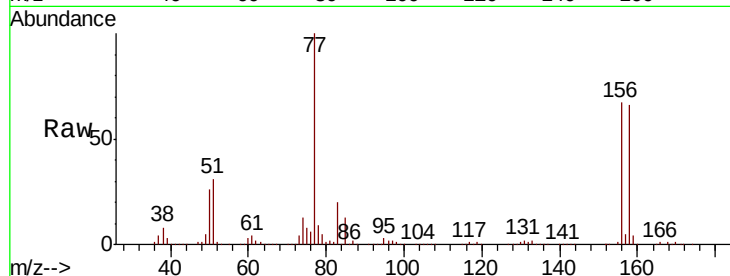
Tgt Ion:156 Resp: 282197

Ion Ratio Lower Upper

156 100

77 147.3 74.8 224.4

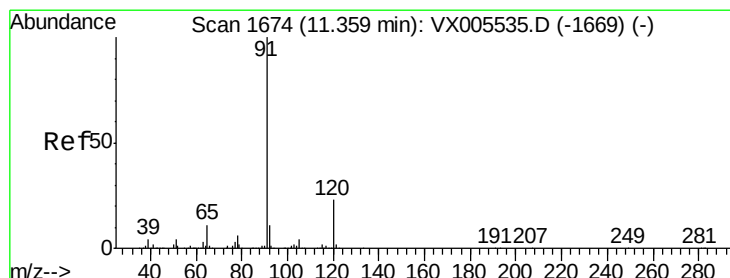
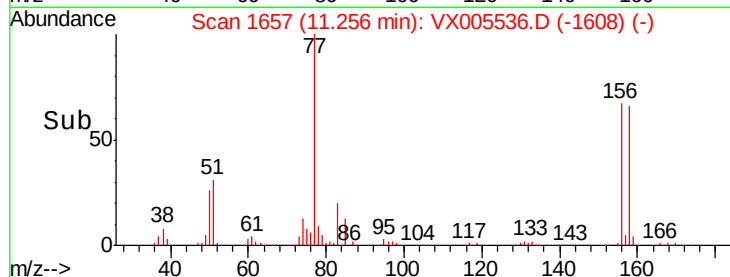
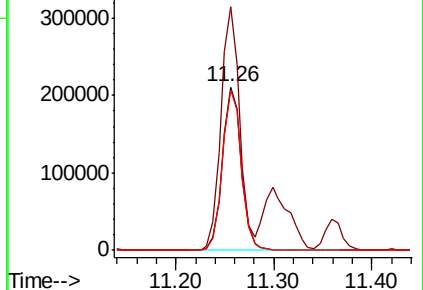
158 97.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.565 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005536.D

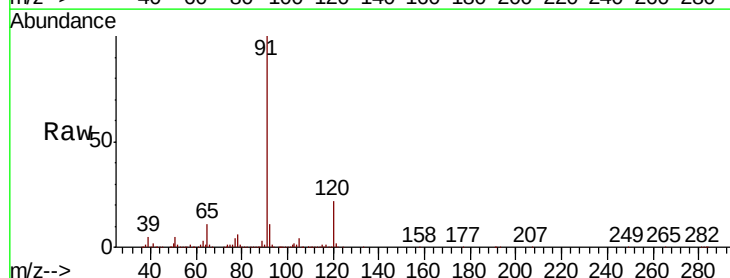
Acq: 24 Oct 2018 12:25

Tgt Ion: 91 Resp: 1222078

Ion Ratio Lower Upper

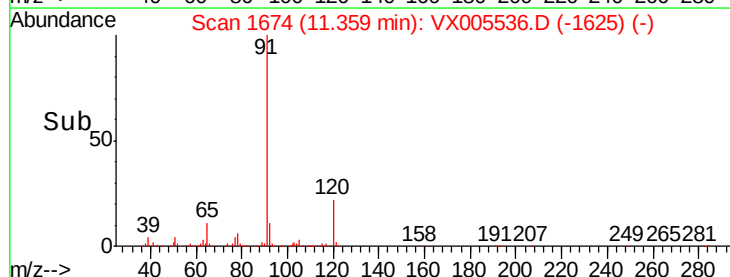
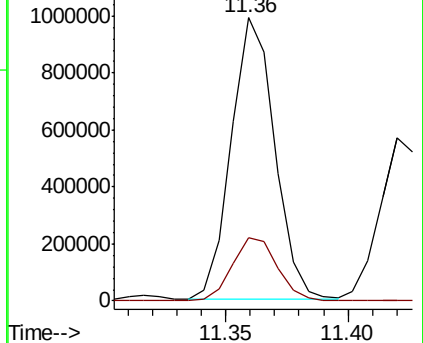
91 100

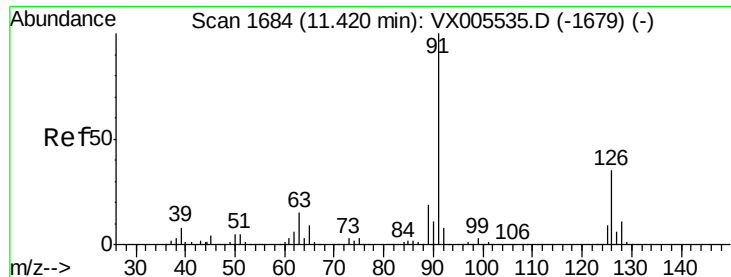
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

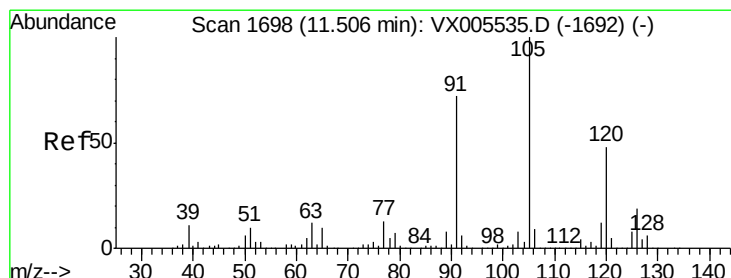
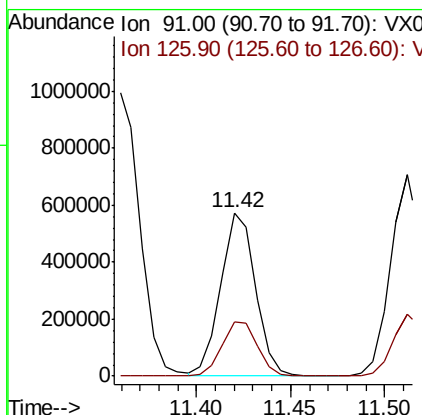
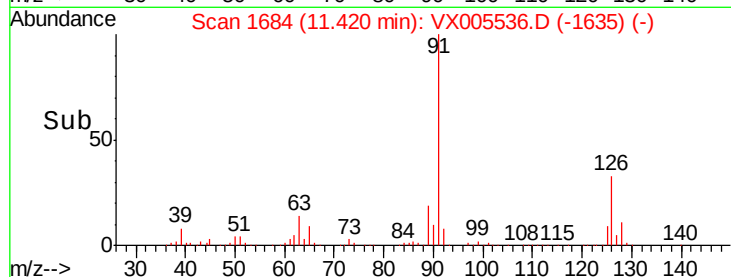
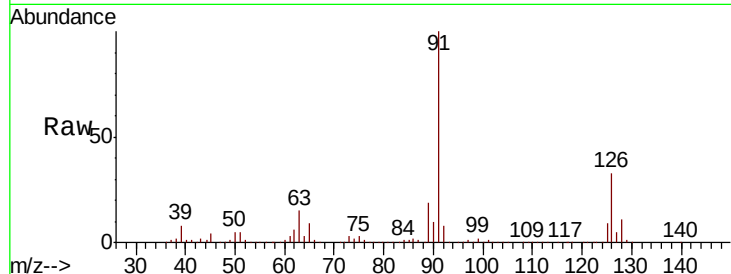




#79
 2-Chlorotoluene
 Concen: 95.754 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

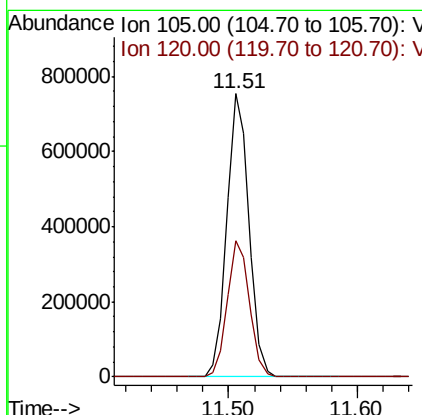
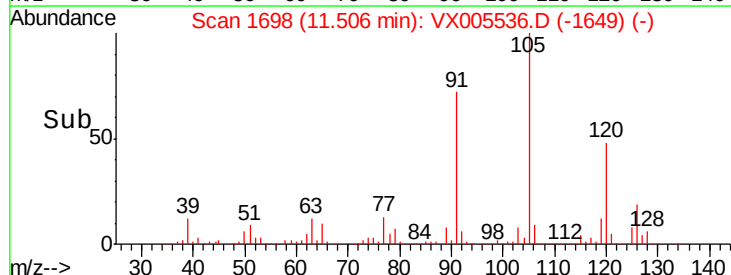
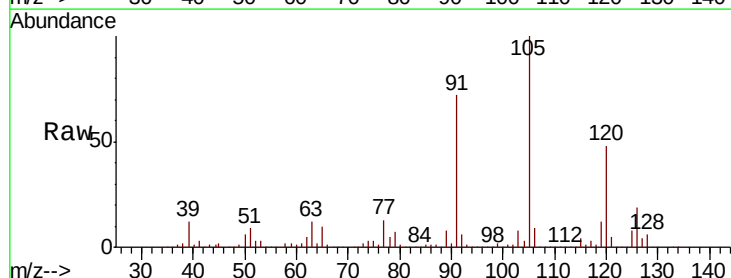
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

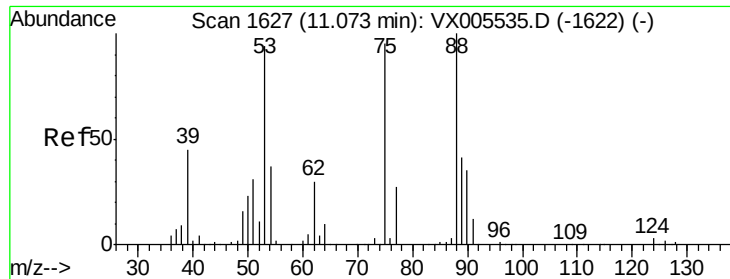
Tgt Ion: 91 Resp: 728723
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 99.299 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion: 105 Resp: 911823
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 106.377 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

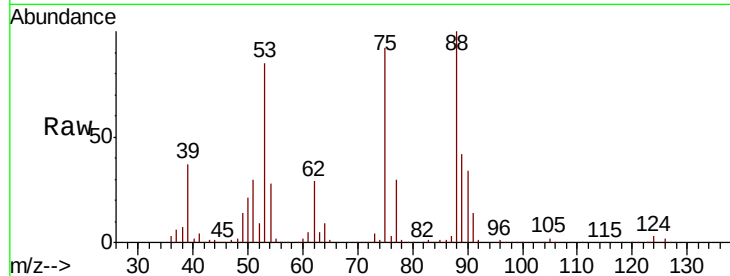
Tgt Ion: 75 Resp: 121127

Ion Ratio Lower Upper

75 100

53 94.8 80.2 120.2

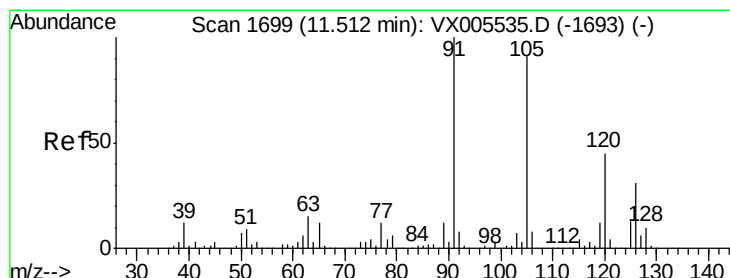
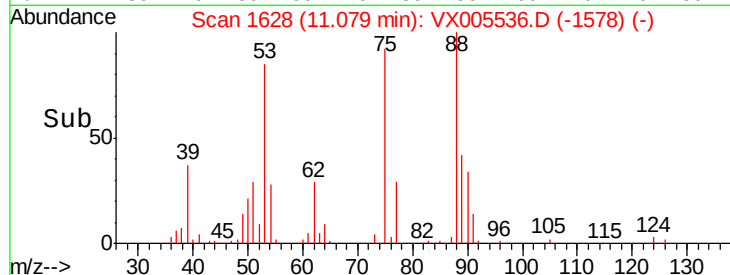
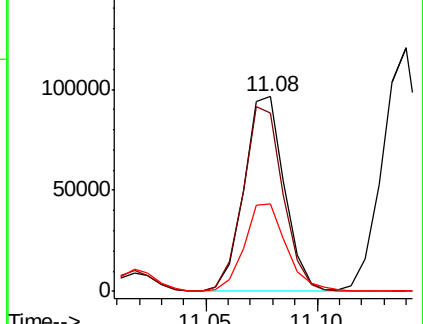
89 47.6 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 97.545 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005536.D

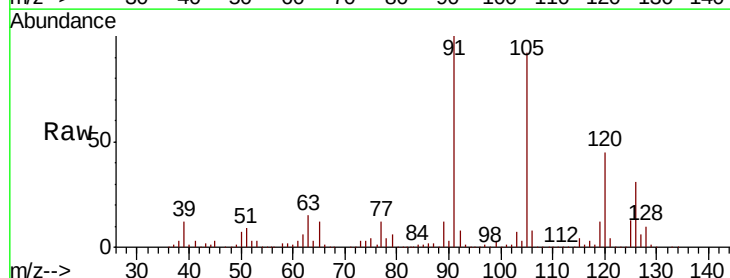
Acq: 24 Oct 2018 12:25

Tgt Ion: 91 Resp: 875353

Ion Ratio Lower Upper

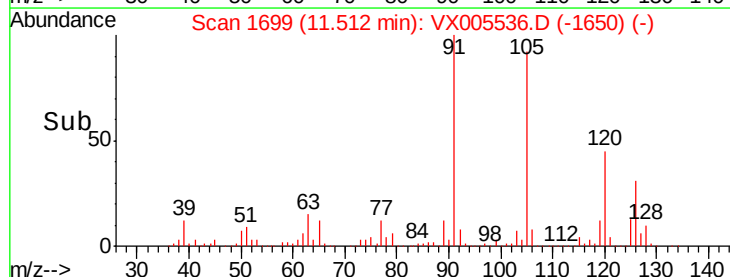
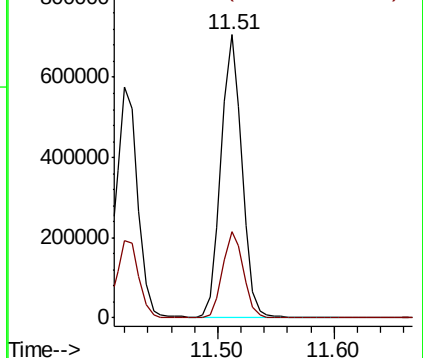
91 100

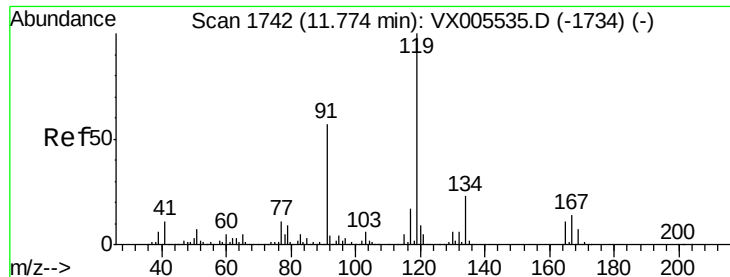
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

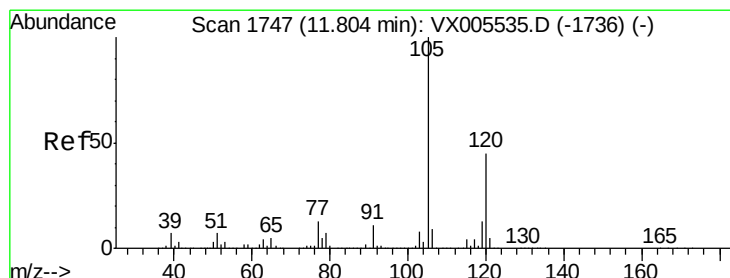
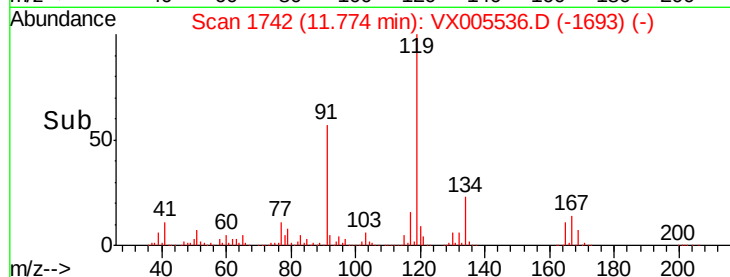
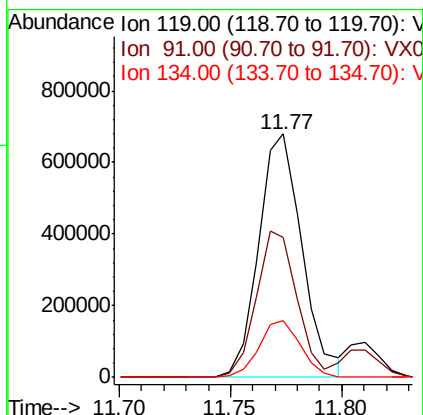
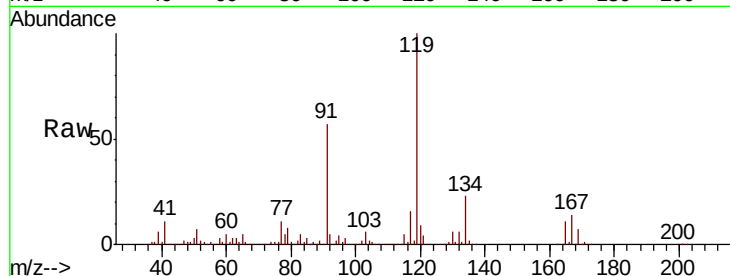




#83
 tert-Butylbenzene
 Concen: 100.385 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

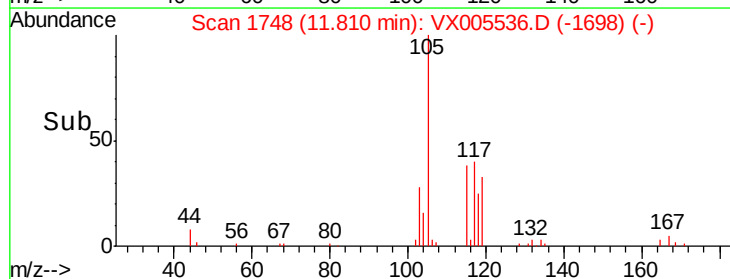
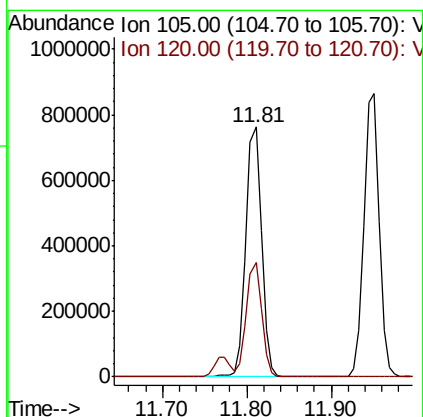
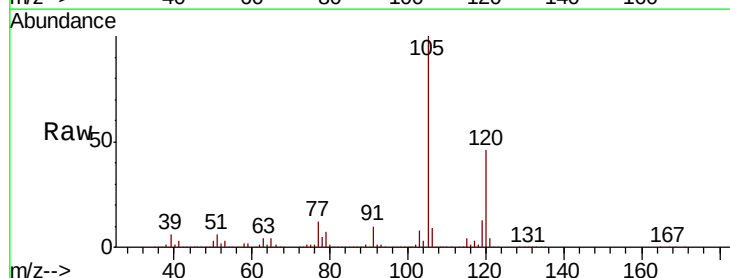
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

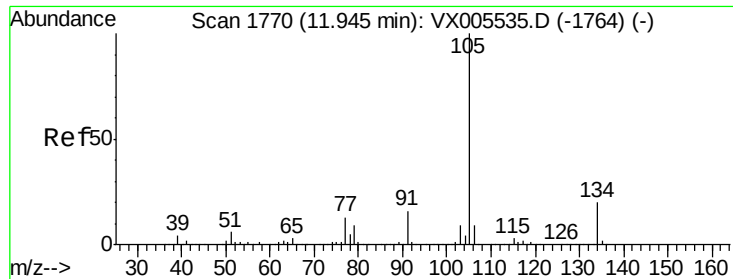
Tgt Ion:119 Resp: 918854
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.5 85.5
 134 22.3 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 101.709 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion:105 Resp: 946557
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 100.142 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

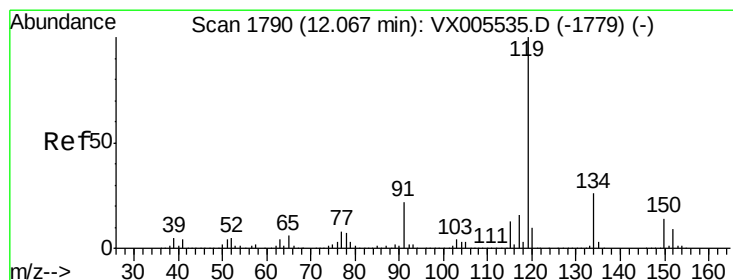
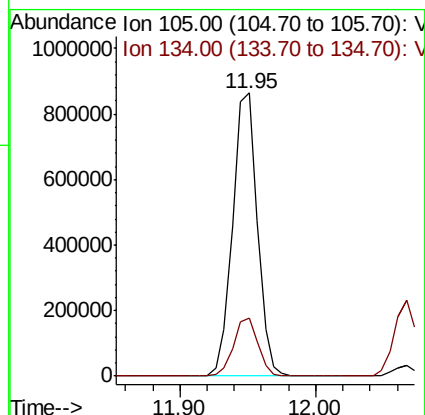
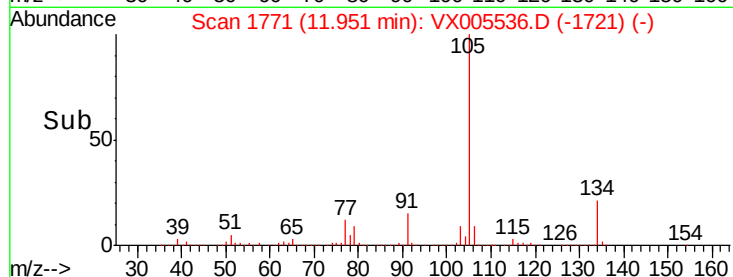
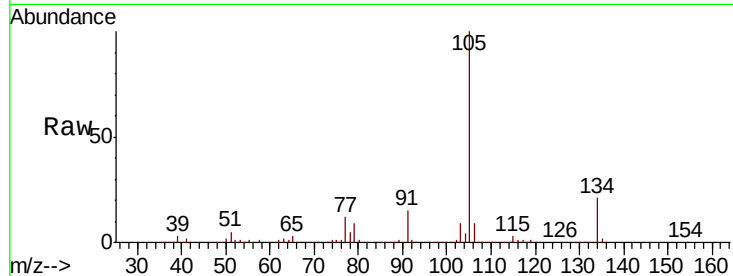
VSTDIC100

Tgt Ion:105 Resp: 1093770

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 101.967 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

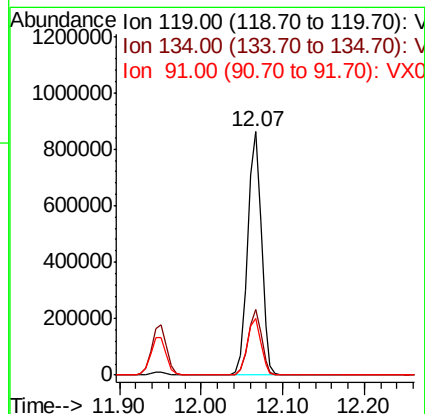
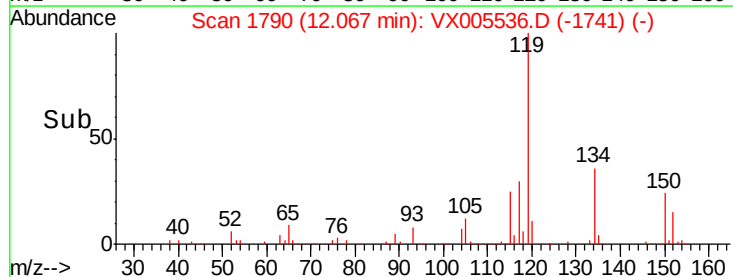
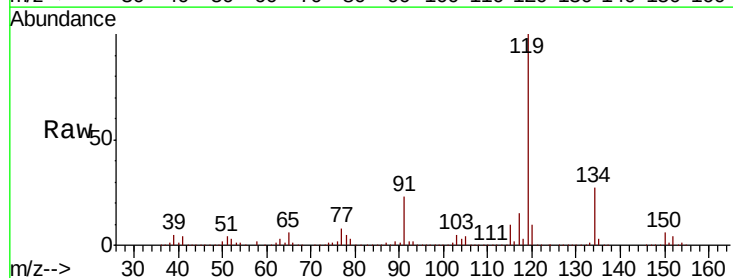
Tgt Ion:119 Resp: 995580

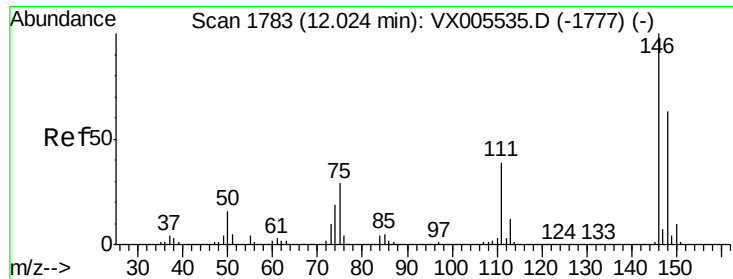
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.5 11.4 34.2

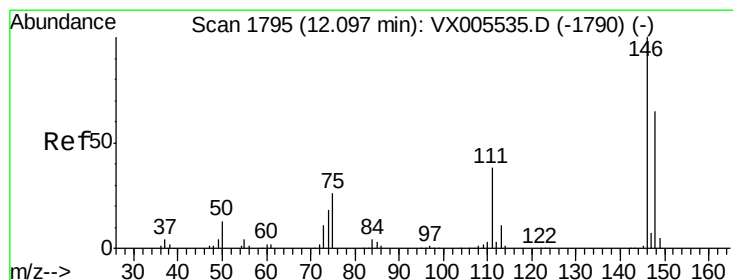
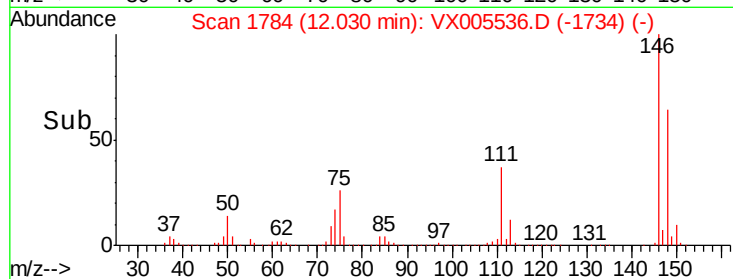
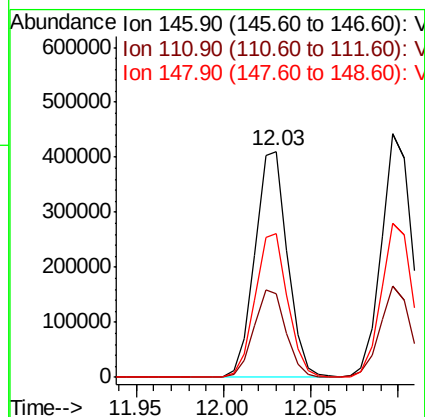
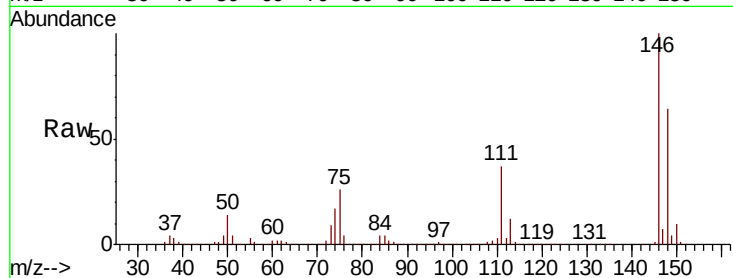




#87
 1,3-Dichlorobenzene
 Concen: 94.784 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

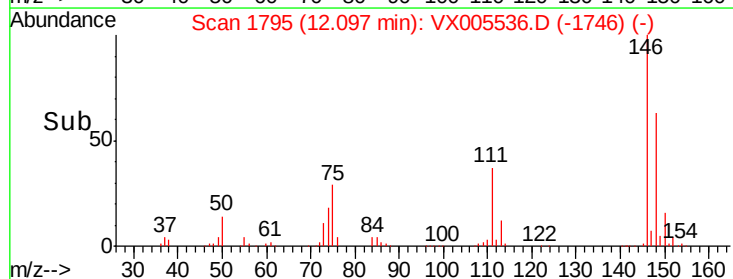
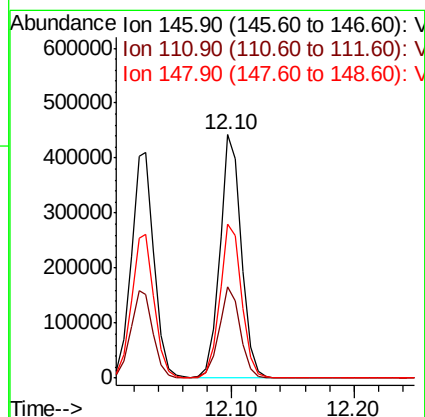
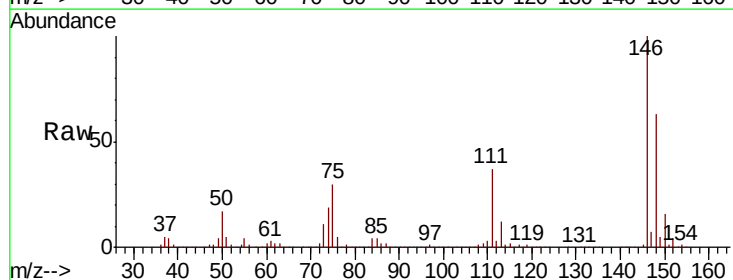
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

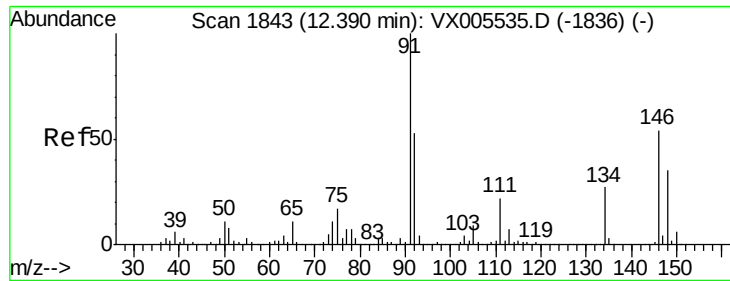
Tgt Ion:146 Resp: 533207
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 91.710 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion:146 Resp: 539628
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 64.4 32.1 96.3

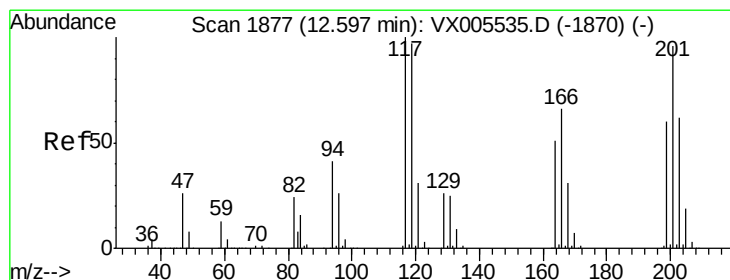
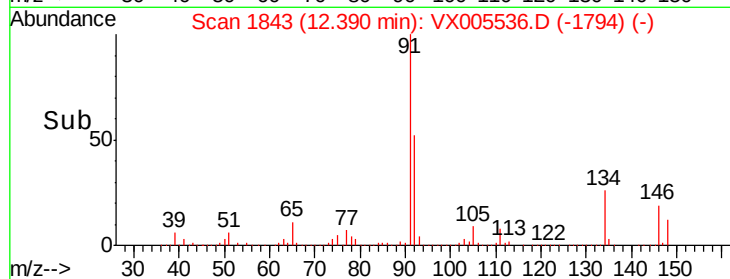
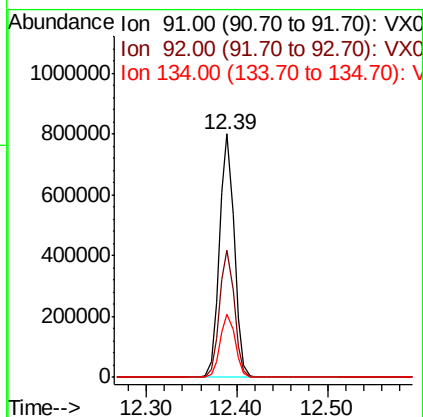
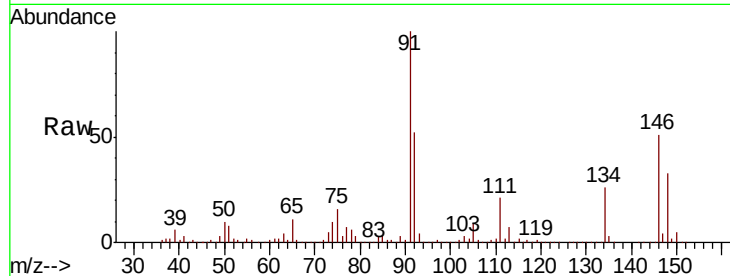




#89
n-Butylbenzene
Concen: 103.431 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

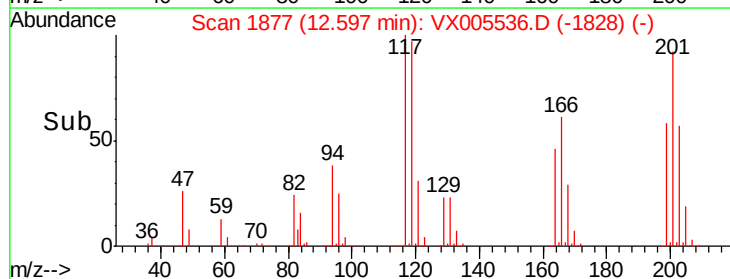
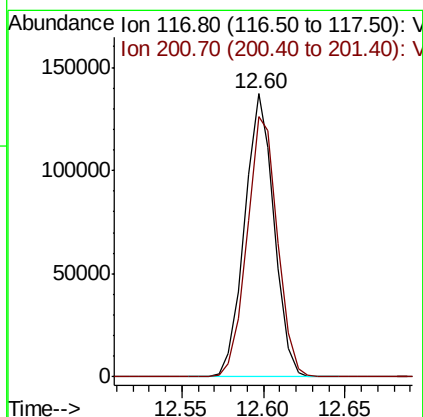
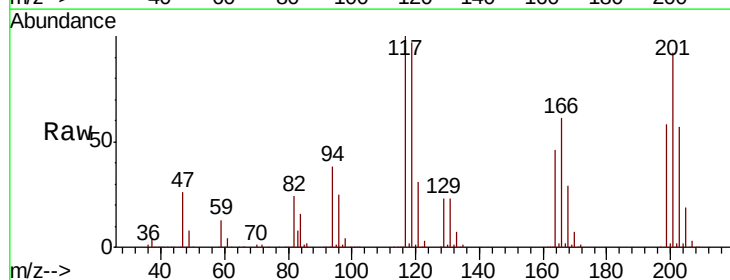
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

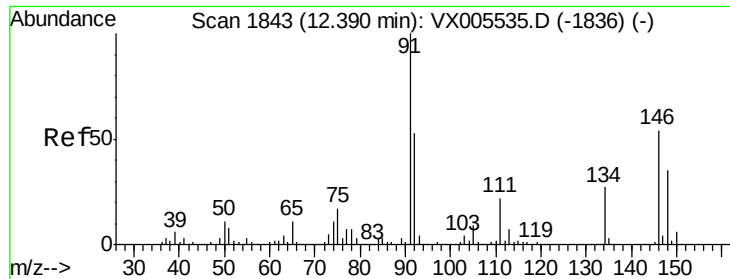
Tgt Ion: 91 Resp: 911685
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 102.126 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 117 Resp: 171978
Ion Ratio Lower Upper
117 100
201 95.2 47.9 143.6

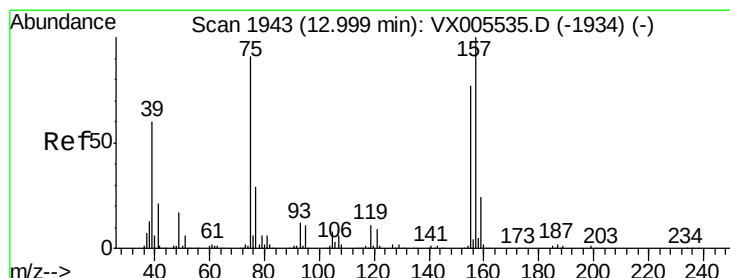
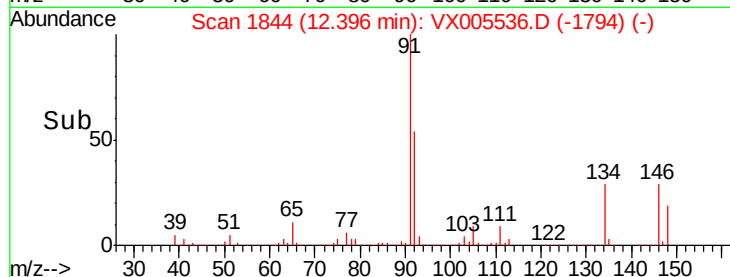
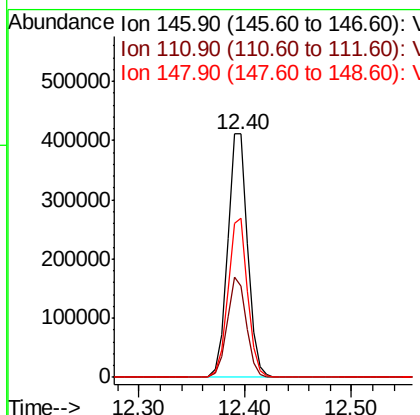
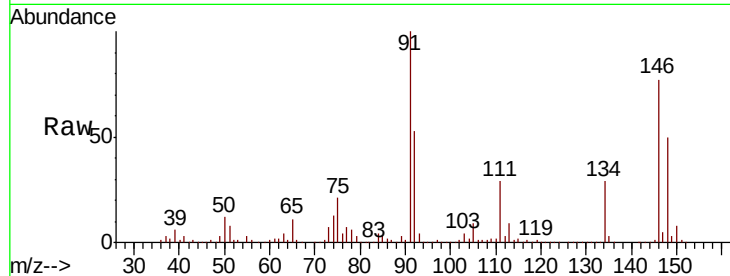




#91
 1,2-Dichlorobenzene
 Concen: 94.588 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

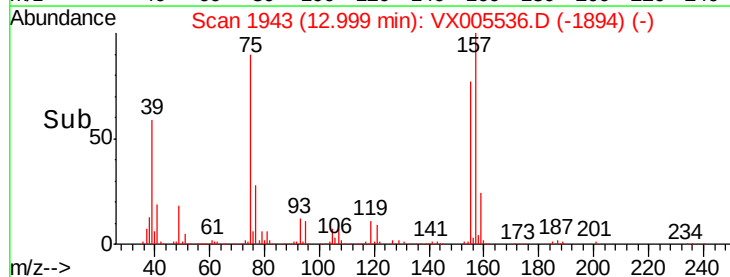
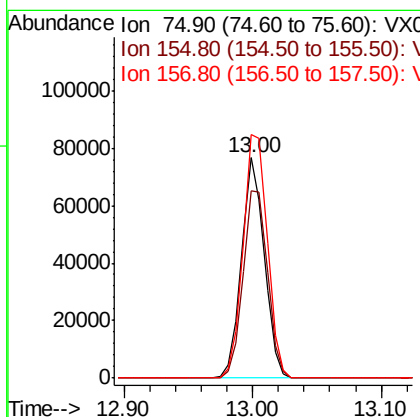
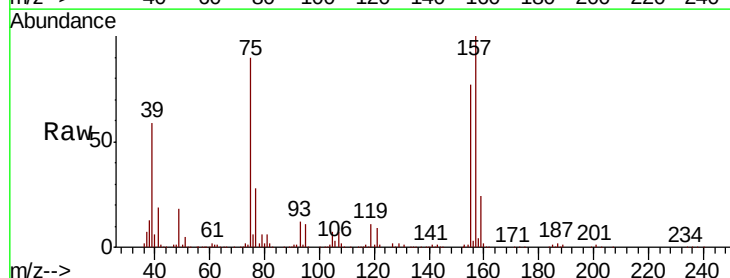
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

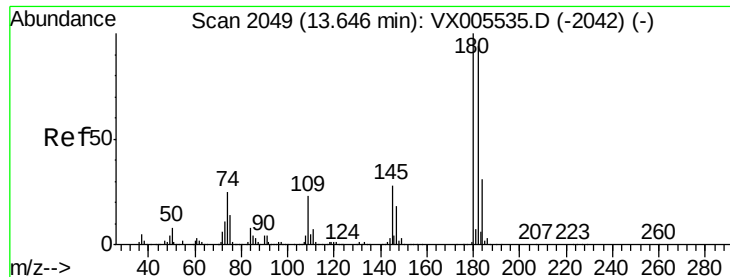
Tgt Ion:146 Resp: 538346
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 64.2 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.799 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion: 75 Resp: 93646
 Ion Ratio Lower Upper
 75 100
 155 91.0 45.4 136.1
 157 117.4 57.4 172.0

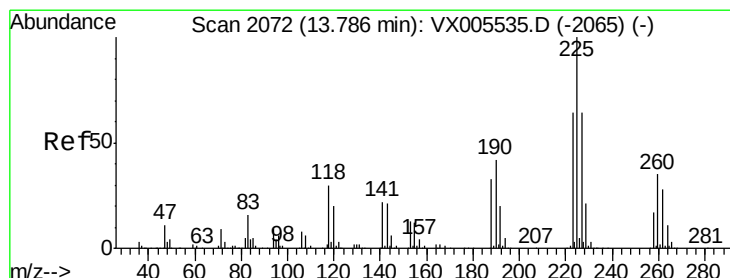
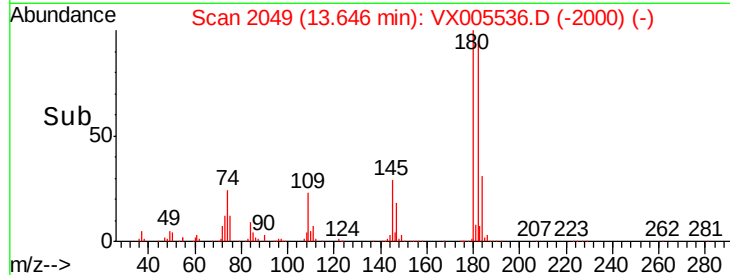
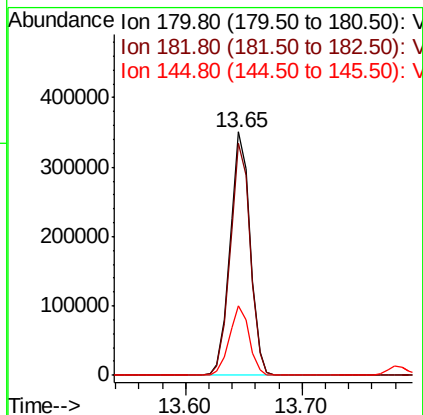
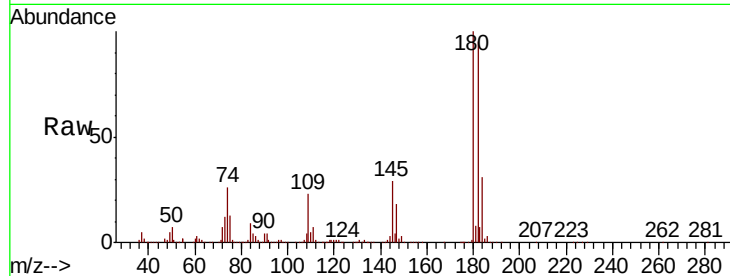




#93
 1,2,4-Trichlorobenzene
 Concen: 101.596 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

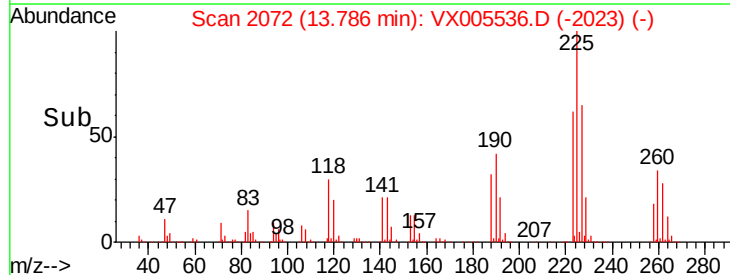
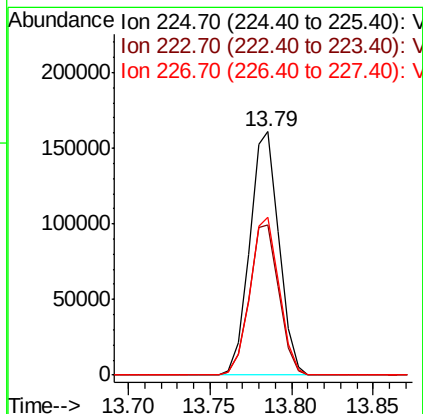
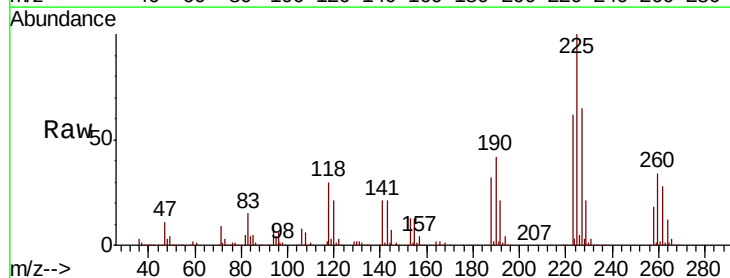
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

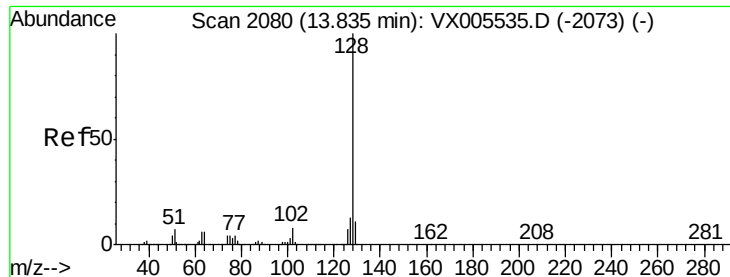
Tgt Ion:180 Resp: 419159
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.6 142.8
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 93.929 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion:225 Resp: 200826
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.7 95.1
 227 64.6 32.3 96.9

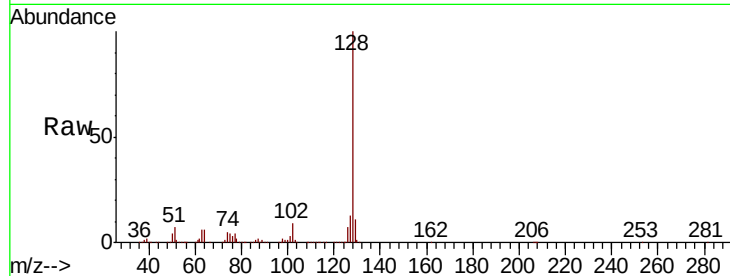




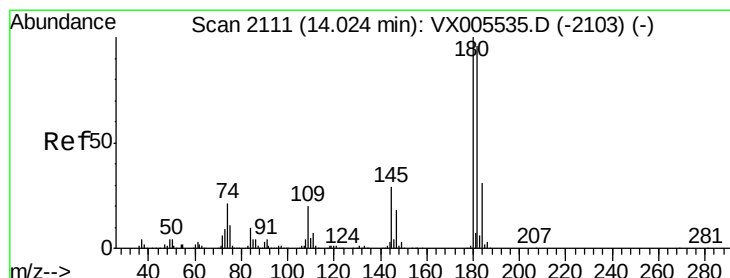
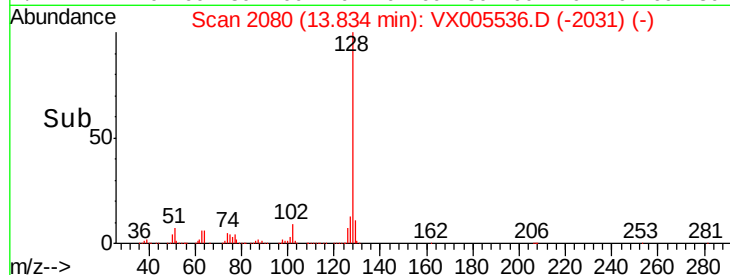
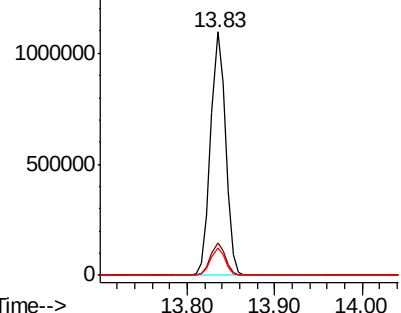
#95
Naphthalene
Concen: 107.289 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1286677
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1

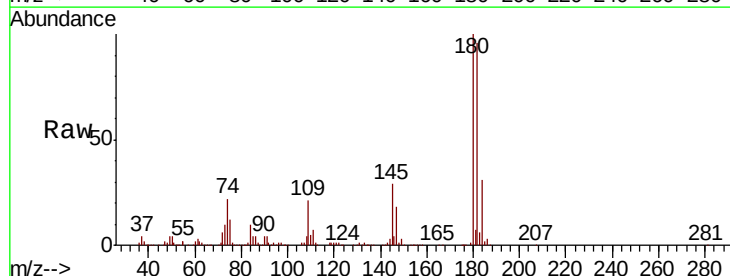


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 101.190 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion:180 Resp: 423199
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.2
145 29.9 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

