

Data File : VX005826.D
Acq On : 07 Nov 2018 13:52
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Nov 19 07:58:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	166874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	159382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132928	96.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.64%	
35) Dibromofluoromethane	5.49	113	110956	97.76	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	195.52%	
50) Toluene-d8	8.72	98	362173	95.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.96%	
62) 4-Bromofluorobenzene	11.14	95	139777	103.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	107248	99.602	ug/l	98
3) Chloromethane	1.32	50	140715	99.578	ug/l	97
4) Vinyl Chloride	1.41	62	144000	101.507	ug/l	96
5) Bromomethane	1.64	94	83172	95.804	ug/l	95
6) Chloroethane	1.71	64	84914	100.317	ug/l	92
7) Trichlorofluoromethane	1.92	101	185538	98.531	ug/l	93
8) Diethyl Ether	2.19	74	70030	94.910	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103859	95.898	ug/l	99
10) Methyl Iodide	2.51	142	145141	110.577	ug/l	97
11) Tert butyl alcohol	3.09	59	187008	475.479	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99333	94.102	ug/l	87
13) Acrolein	2.29	56	96666	495.115	ug/l	95
14) Allyl chloride	2.72	41	233525	99.053	ug/l	97
15) Acrylonitrile	3.15	53	386792	474.547	ug/l	97
16) Acetone	2.45	43	356620	482.418	ug/l	97
17) Carbon Disulfide	2.56	76	319714	101.541	ug/l	99
18) Methyl Acetate	2.78	43	198318	101.639	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	365414	101.425	ug/l	94
20) Methylene Chloride	2.85	84	110877	91.309	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	101501	91.164	ug/l	96
22) Diisopropyl ether	3.87	45	400284	96.922	ug/l	94
23) Vinyl Acetate	3.82	43	1770616	500.023	ug/l	99
24) 1,1-Dichloroethane	3.69	63	213851	97.055	ug/l	98
25) 2-Butanone	4.71	43	580215	499.241	ug/l	98
26) 2,2-Dichloropropane	4.58	77	161705	100.046	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122159	99.365	ug/l	98
28) Bromochloromethane	5.01	49	100228	101.781	ug/l	98
29) Tetrahydrofuran	5.16	42	382525	512.620	ug/l	99
30) Chloroform	5.21	83	207200	97.470	ug/l	98
31) Cyclohexane	5.57	56	197452	103.234	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	176942	99.792	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161530	100.410	ug/l	98
37) Ethyl Acetate	4.86	43	214328	101.314	ug/l	99
38) Carbon Tetrachloride	5.78	117	164422	102.094	ug/l	92

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MSVOA_X
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	169987	104.256	ug/l #	81
40) Benzene	6.14	78	454627	96.941	ug/l #	89
41) Methacrylonitrile	5.06	41	117977	103.209	ug/l	98
42) 1,2-Dichloroethane	6.20	62	165409	98.472	ug/l	100
43) Isopropyl Acetate	6.46	43	314304	102.534	ug/l	98
44) Trichloroethene	7.22	130	114749	96.348	ug/l	85
45) 1,2-Dichloropropane	7.52	63	107156	94.138	ug/l	99
46) Dibromomethane	7.66	93	68926	96.497	ug/l	99
47) Bromodichloromethane	7.90	83	135167	100.131	ug/l	98
48) Methyl methacrylate	7.78	41	143650	104.366	ug/l	99
49) 1,4-Dioxane	7.76	88	61913	2087.458	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	973223	503.762	ug/l	100
52) Toluene	8.79	92	254547	97.117	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	168634	105.859	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	165864	102.154	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	118593	101.524	ug/l	87
56) Ethyl methacrylate	9.18	69	189828	108.609	ug/l	98
57) 1,3-Dichloropropane	9.38	76	205535	104.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	473967	489.457	ug/l	100
59) 2-Hexanone	9.50	43	900667	528.905	ug/l	95
60) Dibromochloromethane	9.59	129	138595	109.783	ug/l	93
61) 1,2-Dibromoethane	9.67	107	132006	102.197	ug/l	96
64) Tetrachloroethene	9.34	164	130347	96.057	ug/l	95
65) Chlorobenzene	10.14	112	299458	93.788	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	112181	101.060	ug/l	95
67) Ethyl Benzene	10.25	91	567560	110.853	ug/l	93
68) m/p-Xylenes	10.36	106	398086	203.839	ug/l	97
69) o-Xylene	10.70	106	183553	104.815	ug/l	99
70) Styrene	10.71	104	311949	107.984	ug/l	99
71) Bromoform	10.86	173	100523	108.027	ug/l	100
73) Isopropylbenzene	11.02	105	503626	104.612	ug/l	100
74) N-amyl acetate	10.90	43	265976	97.252	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	176114	99.665	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	215070	126.874	ug/l	87
77) Bromobenzene	11.26	156	135382	99.770	ug/l	99
78) n-propylbenzene	11.36	91	595678	104.989	ug/l	99
79) 2-Chlorotoluene	11.42	91	349473	101.904	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	438766	107.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57801	108.675	ug/l	96
82) 4-Chlorotoluene	11.51	91	423255	104.722	ug/l	100
83) tert-Butylbenzene	11.77	119	436415	105.443	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	449471	99.672	ug/l	100
85) sec-Butylbenzene	11.94	105	526925	104.110	ug/l	100
86) p-Isopropyltoluene	12.07	119	479558	106.969	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	253561	97.367	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	257533	96.603	ug/l	100
89) n-Butylbenzene	12.39	91	442487	106.495	ug/l	100
90) Hexachloroethane	12.60	117	81317	108.642	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	255072	97.774	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46443	107.705	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110718\
Quantitation Report (Not Reviewed)

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ClientSampleId :
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	198152	107.895	ug/l	100
94) Hexachlorobutadiene	13.79	225	97738	101.313	ug/l	99
95) Naphthalene	13.83	128	608470	100.377	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	201016	107.437	ug/l	99

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

Data File : VX005826.D

Acq On : 07 Nov 2018 13:52

Operator : JC/MD

Sample : VSTDICC100

Misc : 5.0mL/MSVOA X/WATER

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ALS Vial      : 6      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

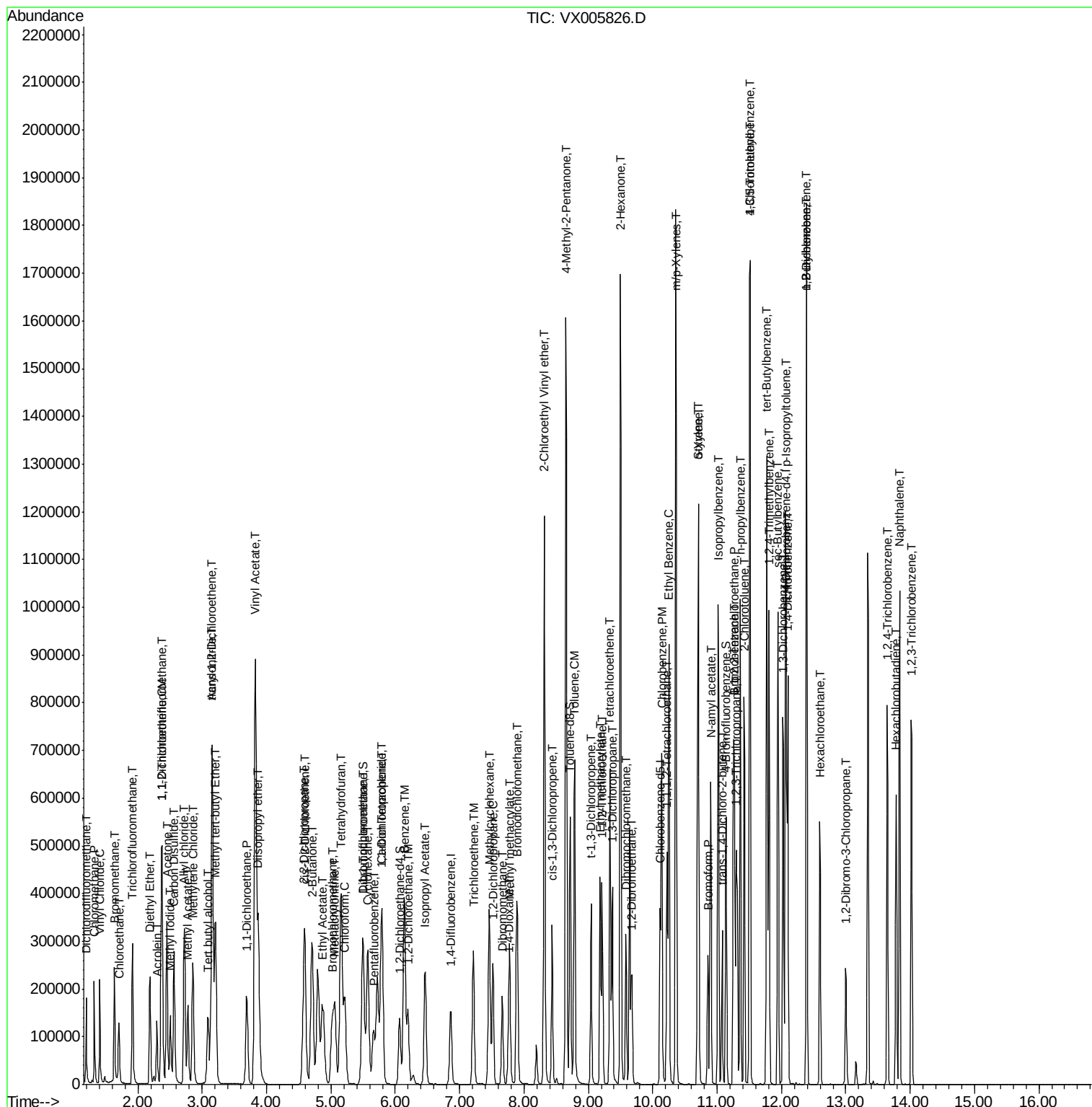
Quant Time: Nov 19 07:58:26 2018

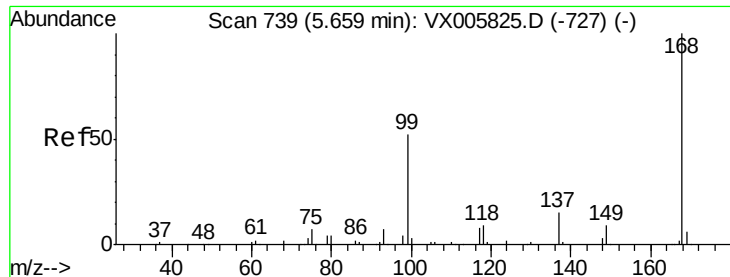
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_X\METHOD\82X110718W.M

Quant Title : SW846 8260

QLast Update : Wed Nov 07 14:40:53 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

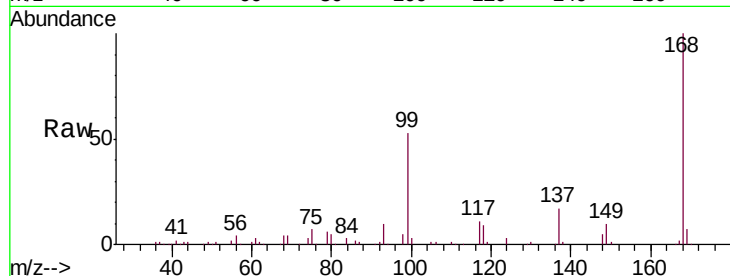
VSTDIC100

Tgt Ion:168 Resp: 119426

Ion Ratio Lower Upper

168 100

99 52.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

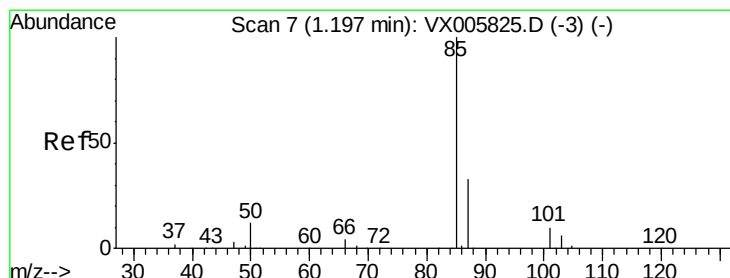
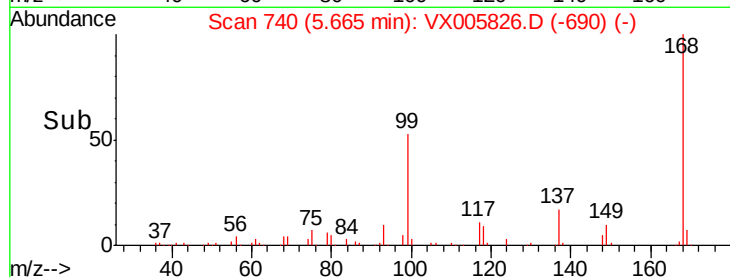
20000

10000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 99.602 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005826.D

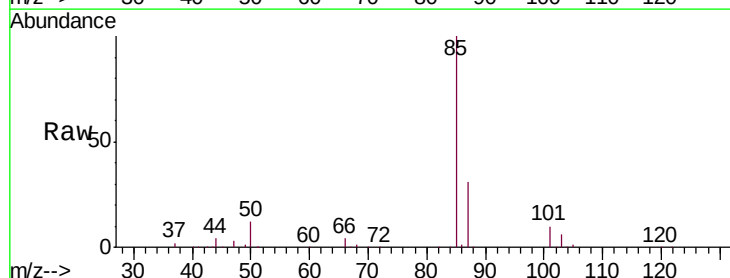
Acq: 07 Nov 2018 13:52

Tgt Ion: 85 Resp: 107248

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

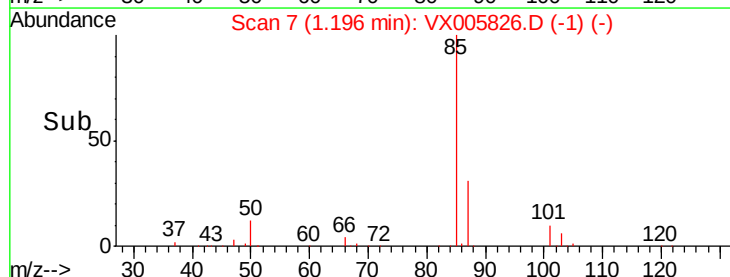
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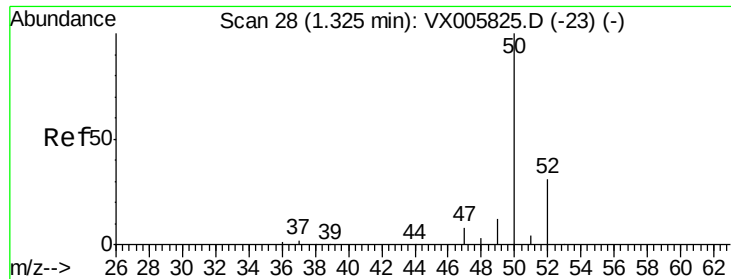
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 99.578 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

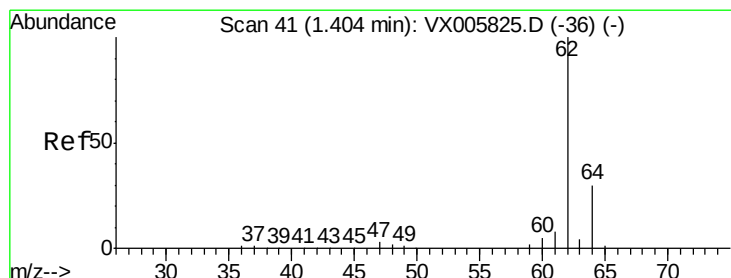
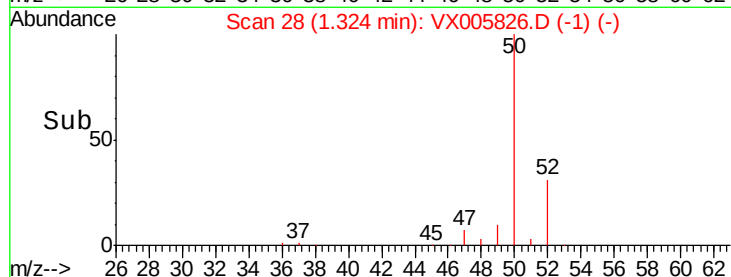
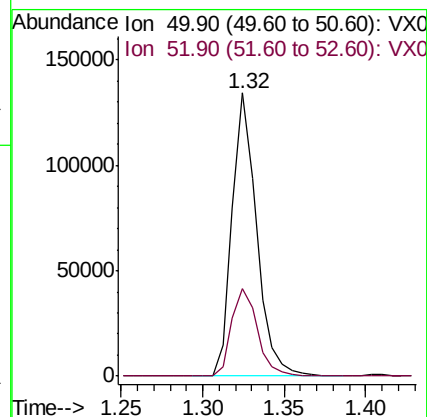
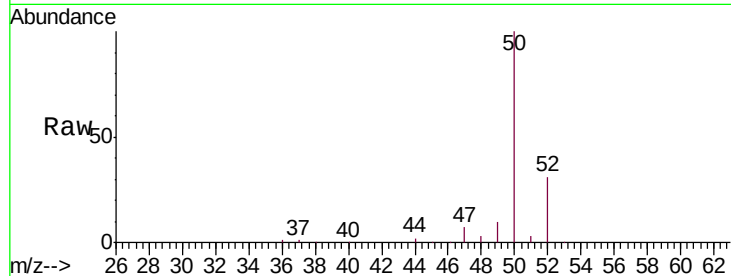
VSTDIC100

Tgt Ion: 50 Resp: 140715

Ion Ratio Lower Upper

50 100

52 30.9 26.2 39.2



#4

Vinyl Chloride

Concen: 101.507 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005826.D

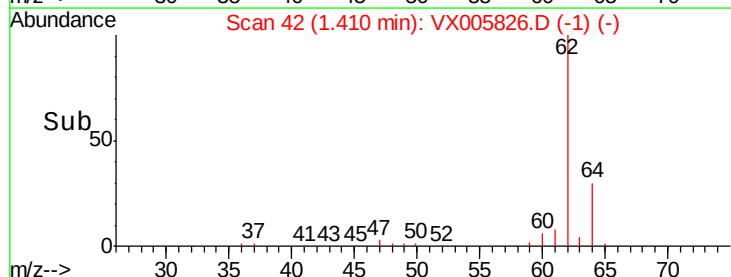
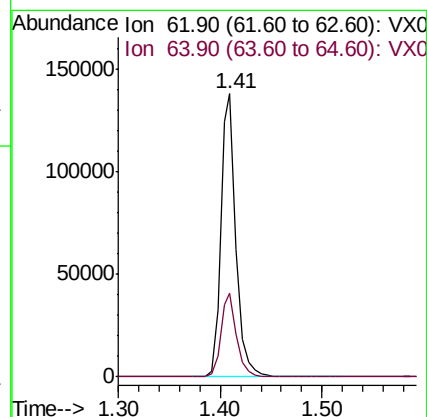
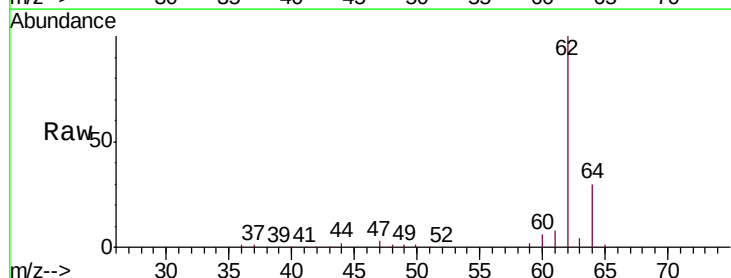
Acq: 07 Nov 2018 13:52

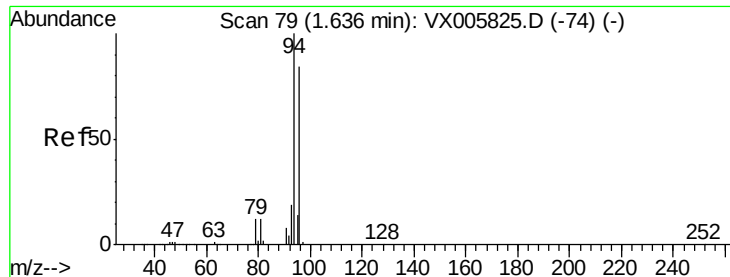
Tgt Ion: 62 Resp: 144000

Ion Ratio Lower Upper

62 100

64 29.6 25.3 37.9





#5

Bromomethane

Concen: 95.804 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

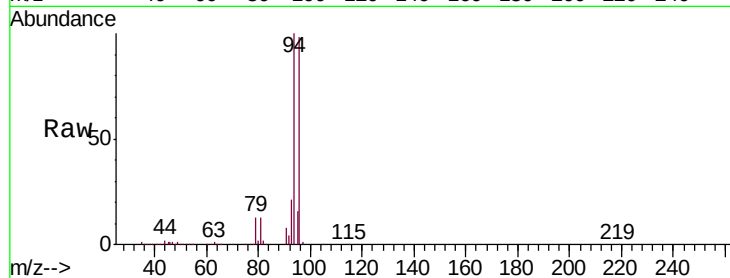
VSTDIC100

Tgt Ion: 94 Resp: 83172

Ion Ratio Lower Upper

94 100

96 98.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

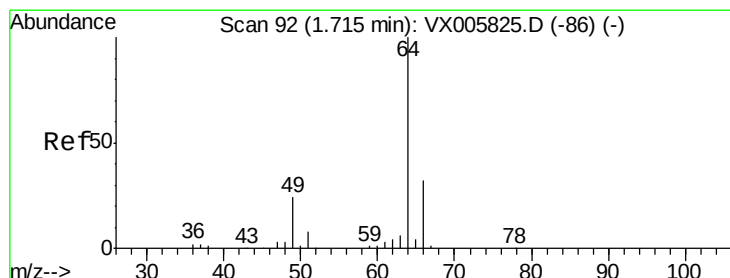
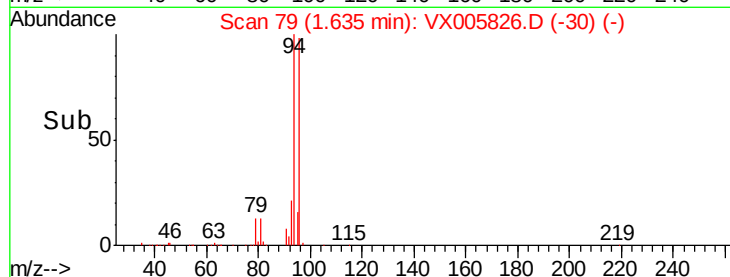
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 100.317 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005826.D

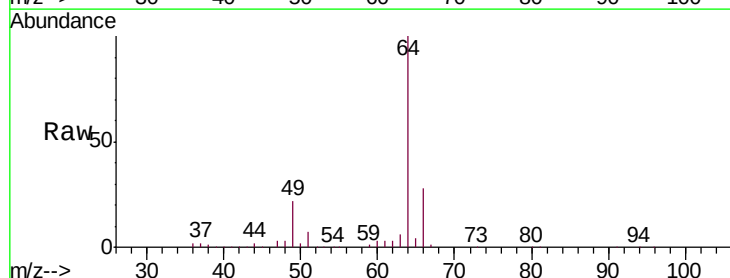
Acq: 07 Nov 2018 13:52

Tgt Ion: 64 Resp: 84914

Ion Ratio Lower Upper

64 100

66 27.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

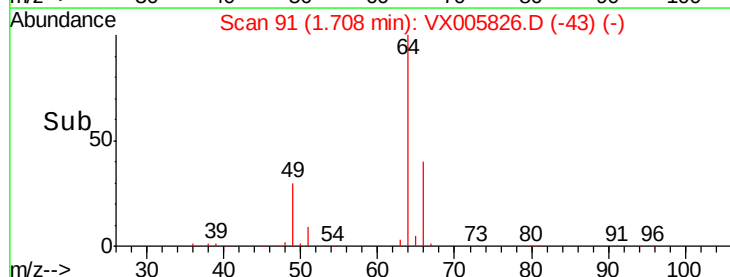
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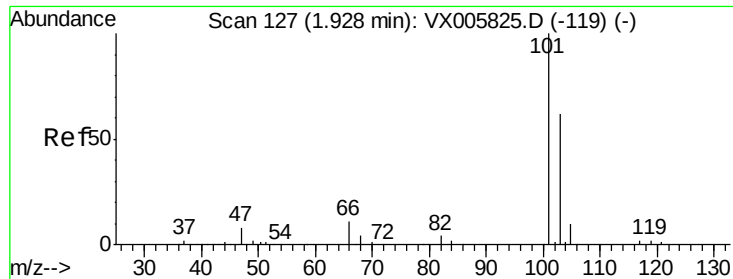
40000

20000

0

Time--> 1.65 1.70 1.75 1.80



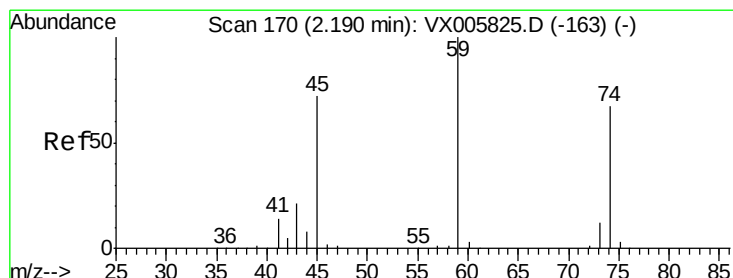
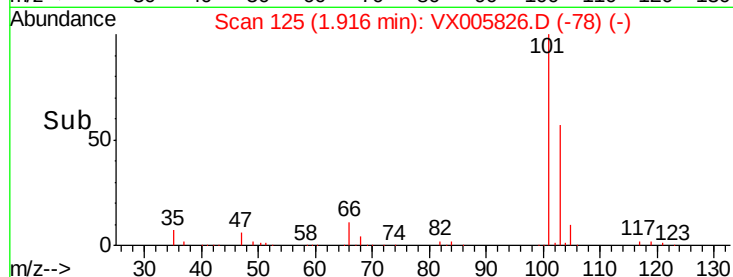
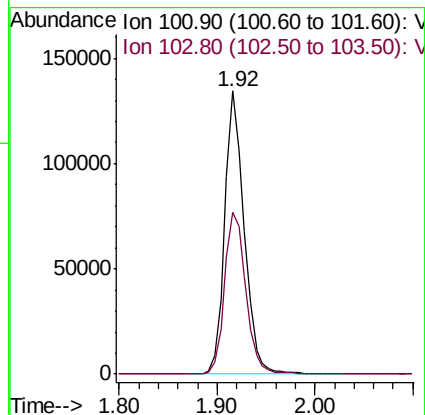
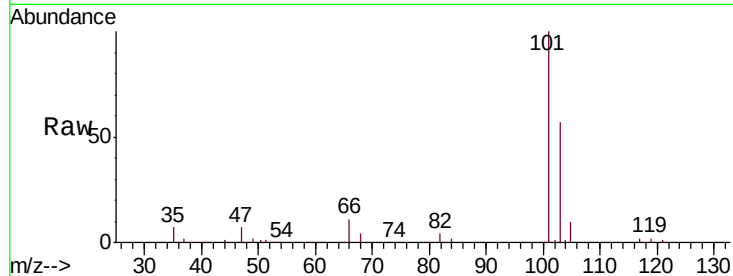


#7

Trichlorofluoromethane
 Concen: 98.531 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

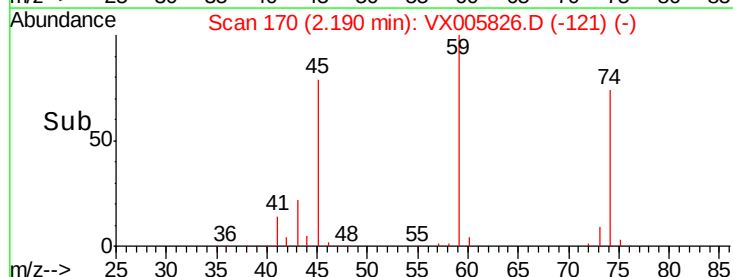
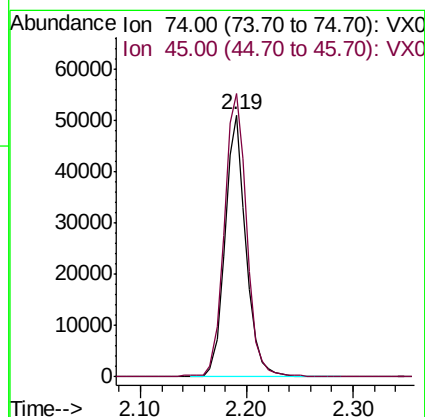
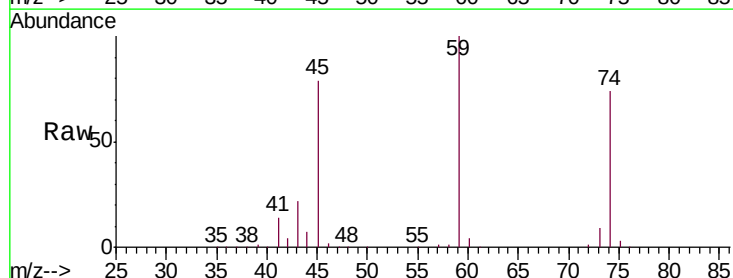
Tgt Ion:101 Resp: 185538
 Ion Ratio Lower Upper
 101 100
 103 57.2 50.0 75.0

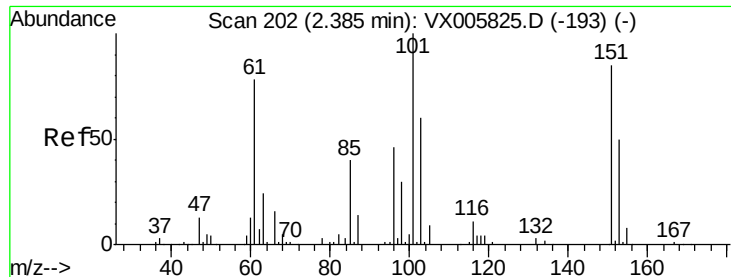


#8

Diethyl Ether
 Concen: 94.910 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 74 Resp: 70030
 Ion Ratio Lower Upper
 74 100
 45 115.7 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.898 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

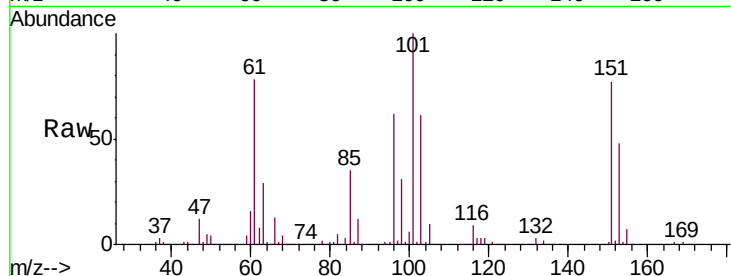
Tgt Ion:101 Resp: 103859

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

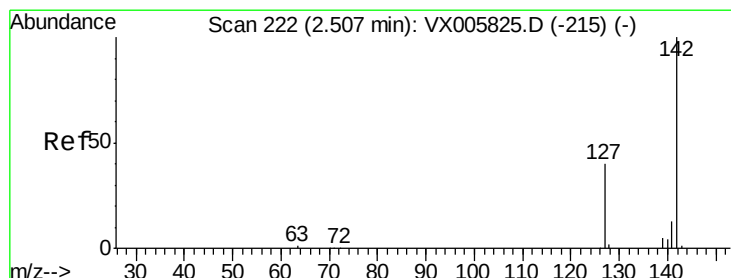
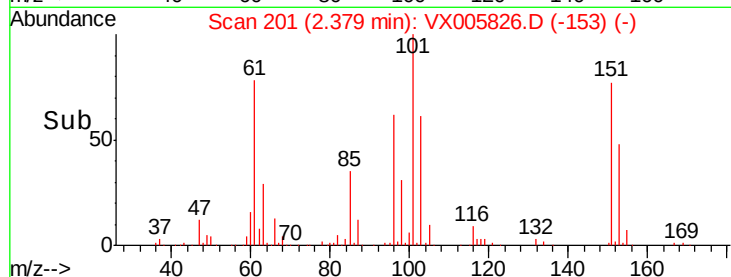
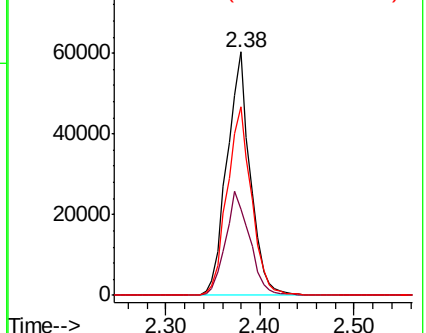
151 81.0 66.2 99.2



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: 110.577 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

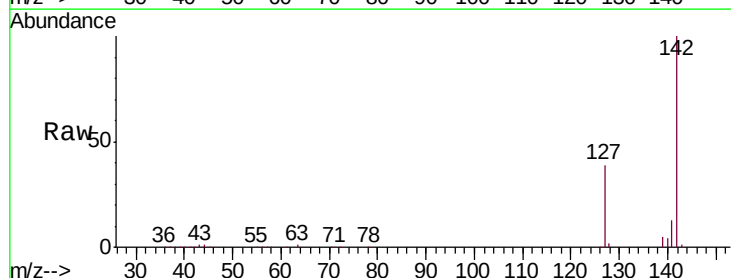
Tgt Ion:142 Resp: 145141

Ion Ratio Lower Upper

142 100

127 42.3 36.0 54.0

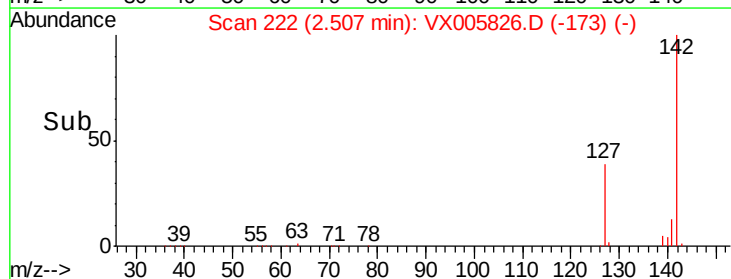
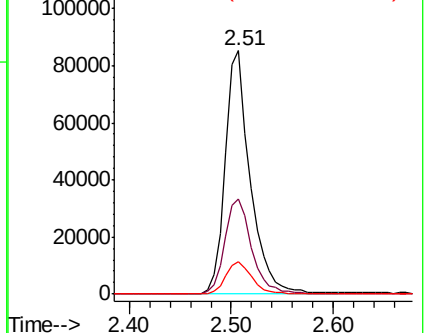
141 14.1 11.7 17.5

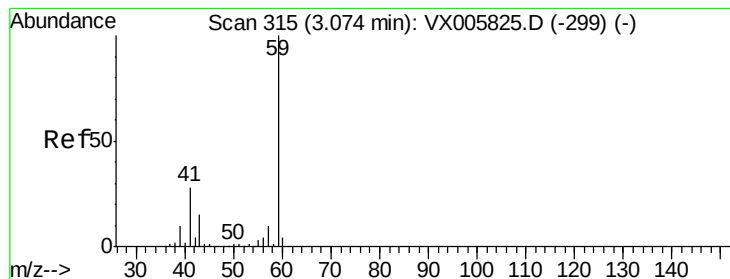


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



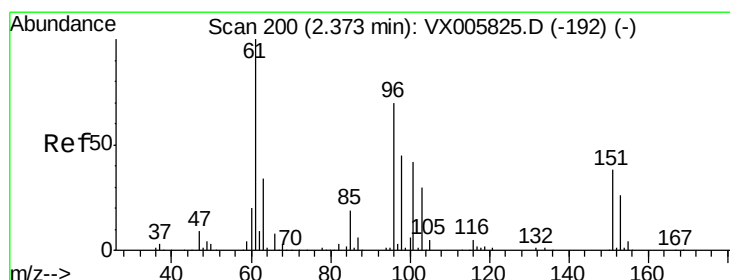
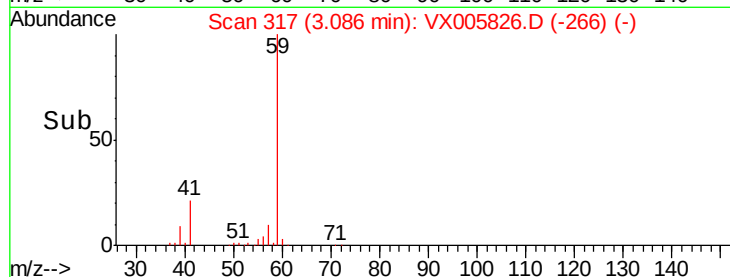
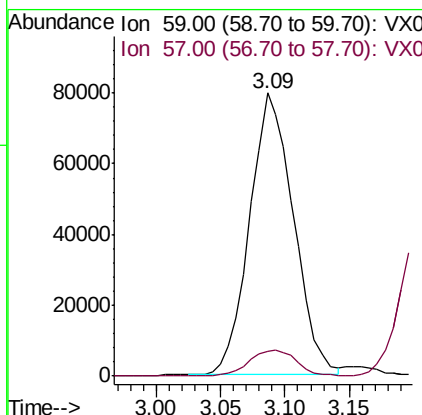
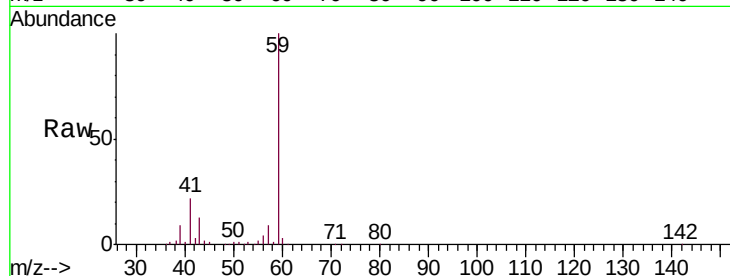


#11

Tert butyl alcohol
 Concen: 475.479 ug/l
 RT: 3.09 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

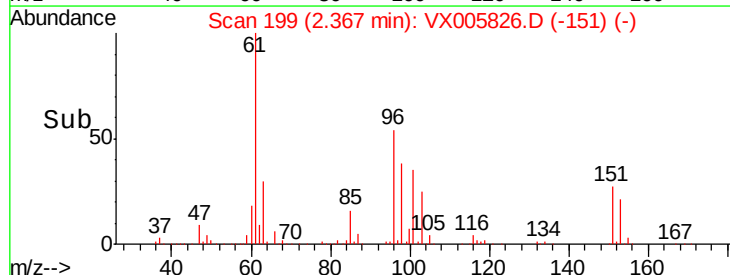
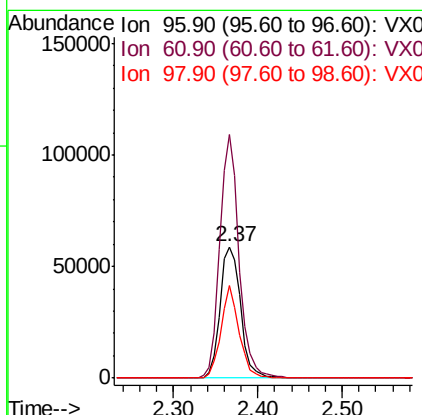
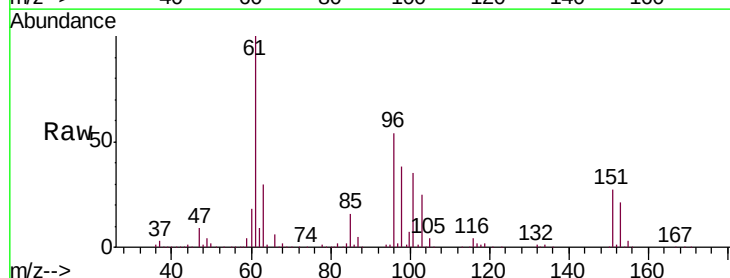
Tgt Ion: 59 Resp: 187008
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

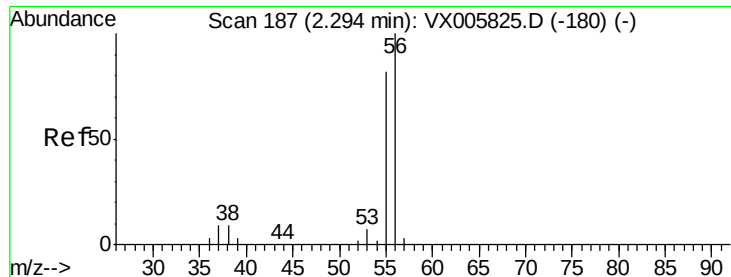


#12

1,1-Dichloroethene
 Concen: 94.102 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 96 Resp: 99333
 Ion Ratio Lower Upper
 96 100
 61 185.8 131.8 197.8
 98 70.6 53.4 80.2





#13

Acrolein

Concen: 495.115 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

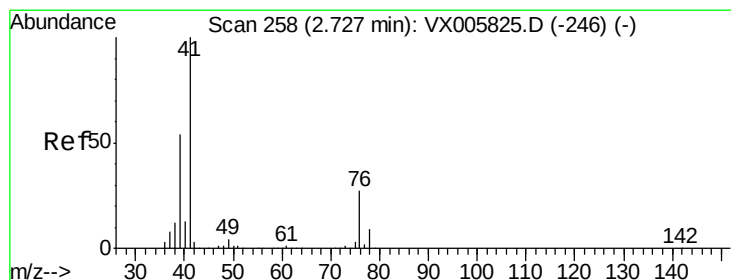
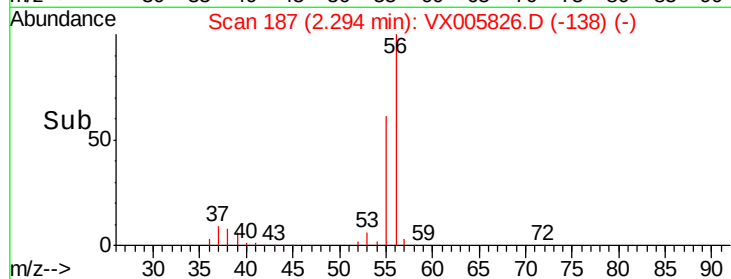
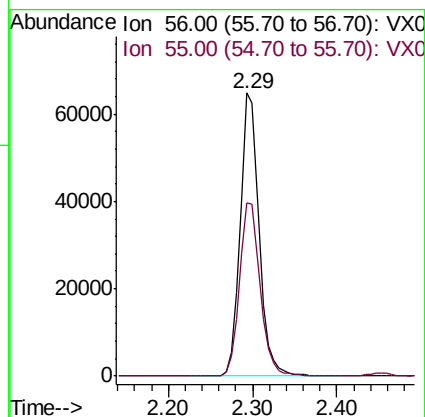
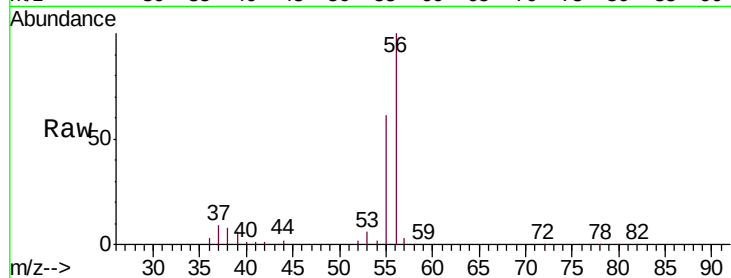
VSTDIC100

Tgt Ion: 56 Resp: 96666

Ion Ratio Lower Upper

56 100

55 67.5 57.3 85.9



#14

Allyl chloride

Concen: 99.053 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

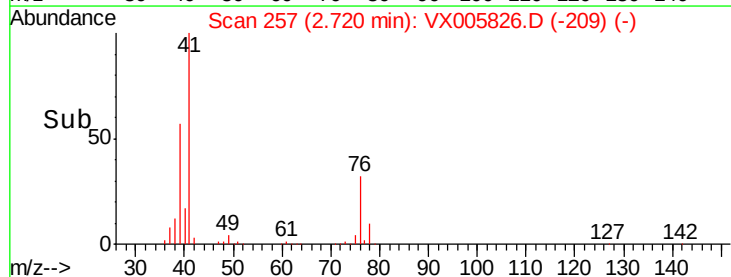
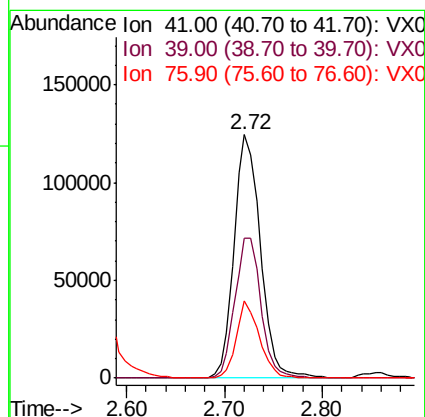
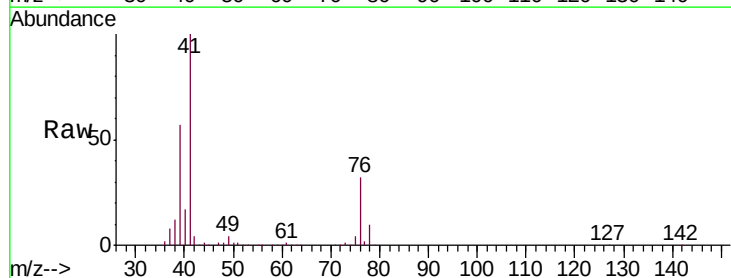
Tgt Ion: 41 Resp: 233525

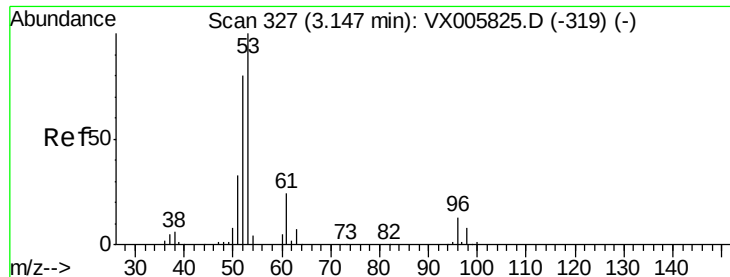
Ion Ratio Lower Upper

41 100

39 57.0 48.2 72.4

76 28.2 21.9 32.9

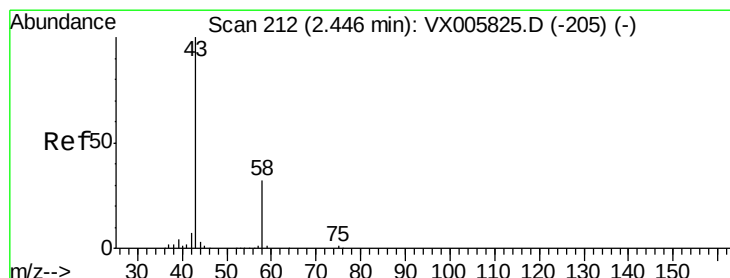
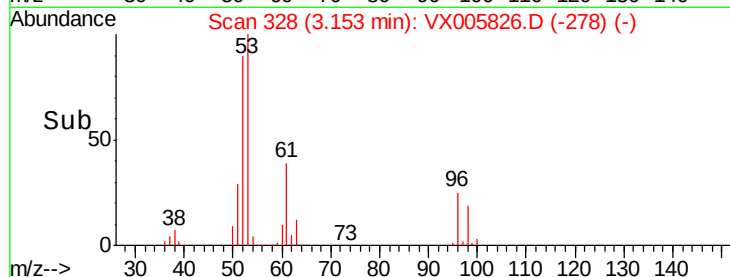
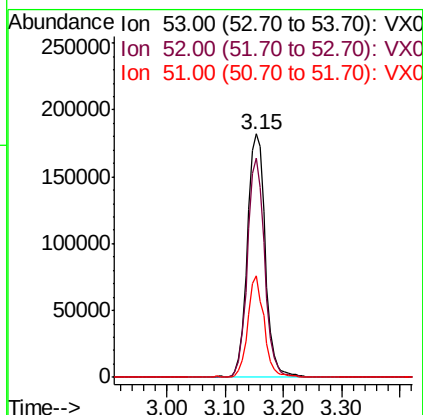
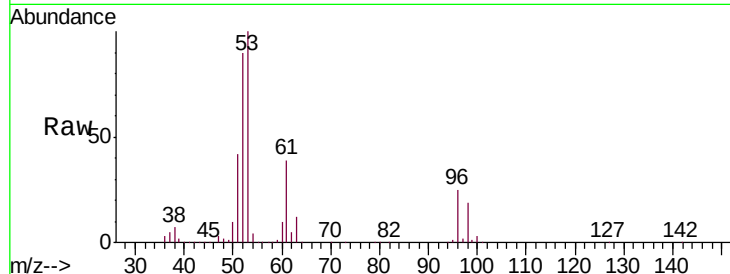




#15
 Acrylonitrile
 Concen: 474.547 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

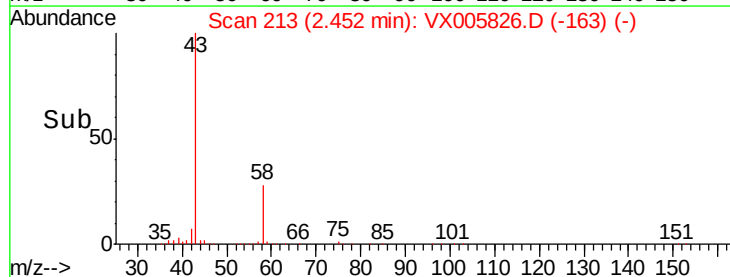
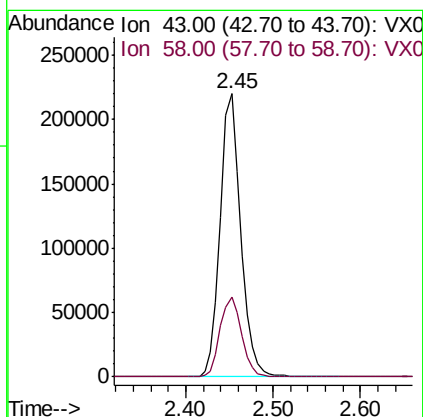
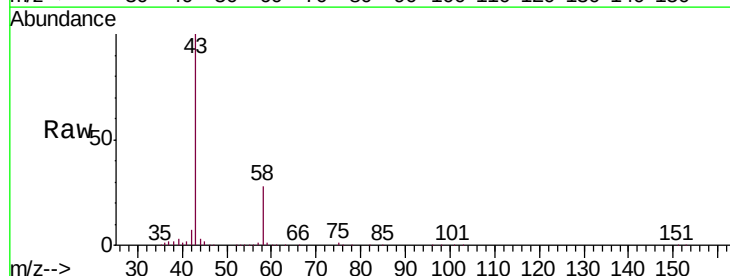
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

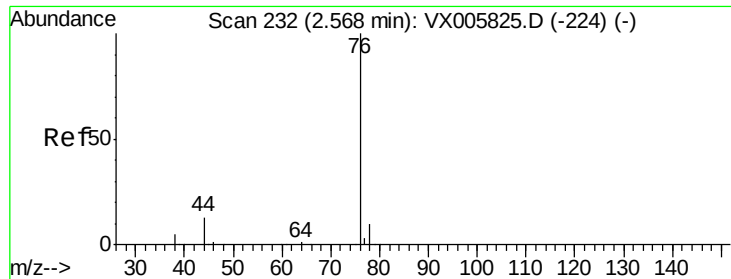
Tgt Ion: 53 Resp: 386792
 Ion Ratio Lower Upper
 53 100
 52 85.5 66.6 99.8
 51 37.7 28.4 42.6



#16
 Acetone
 Concen: 482.418 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 43 Resp: 356620
 Ion Ratio Lower Upper
 43 100
 58 28.1 23.8 35.6





#17

Carbon Disulfide

Concen: 101.541 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

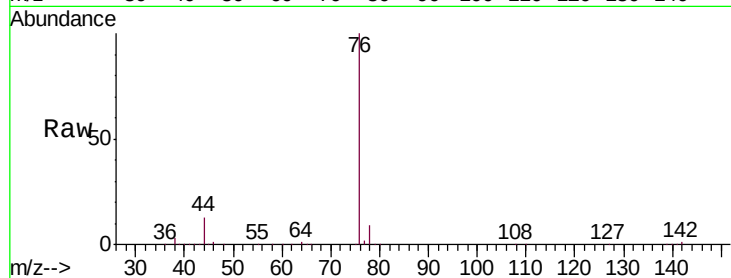
VSTDIC100

Tgt Ion: 76 Resp: 319714

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

0

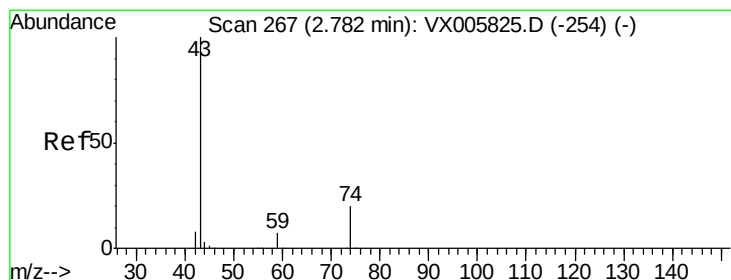
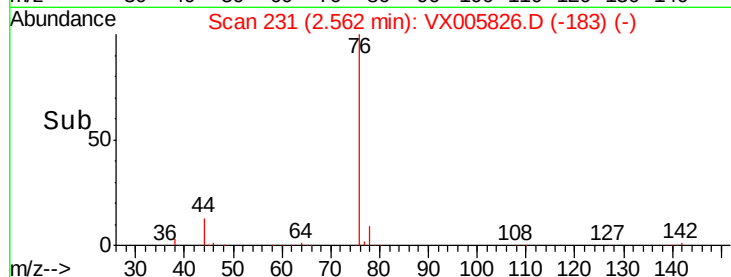
2.56

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 101.639 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005826.D

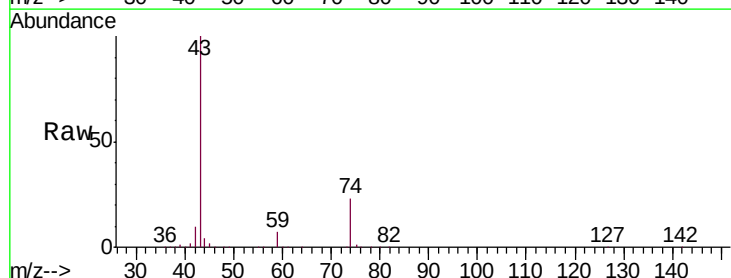
Acq: 07 Nov 2018 13:52

Tgt Ion: 43 Resp: 198318

Ion Ratio Lower Upper

43 100

74 20.4 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

20000

0

2.78

2.70

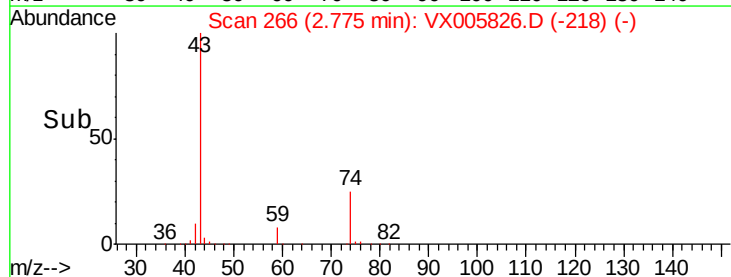
2.75

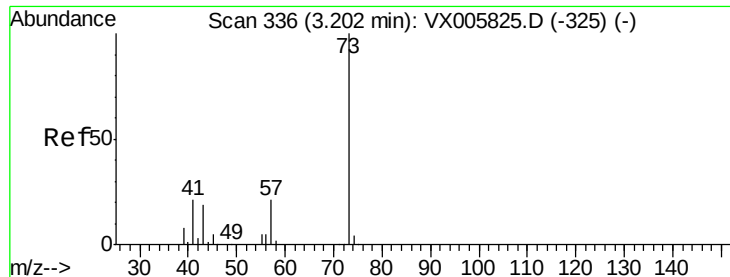
2.80

2.85

2.90

Time-->



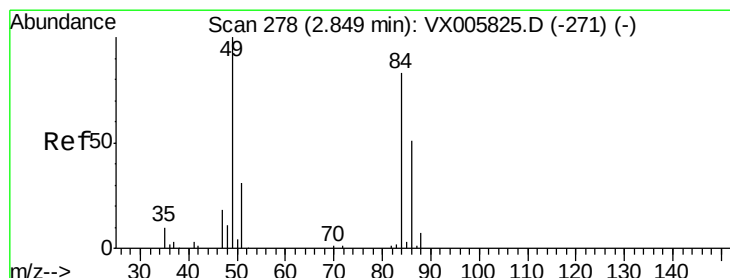
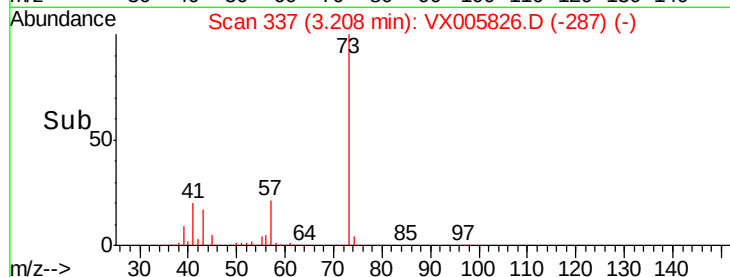
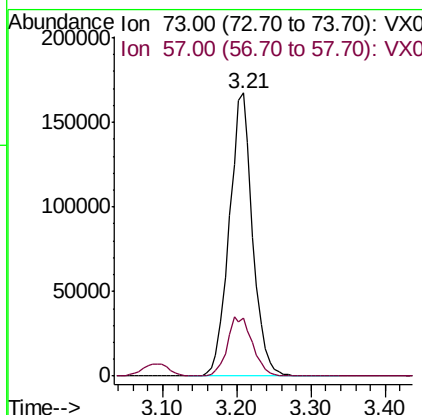
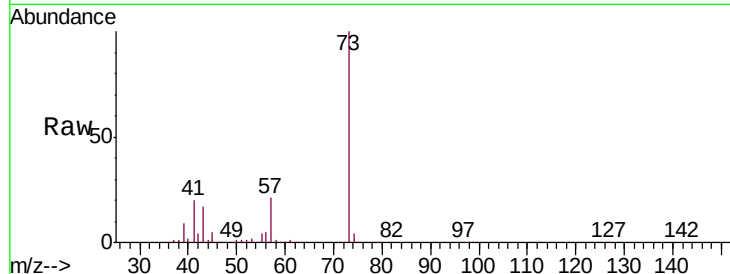


#19

Methyl tert-butyl Ether
 Concen: 101.425 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

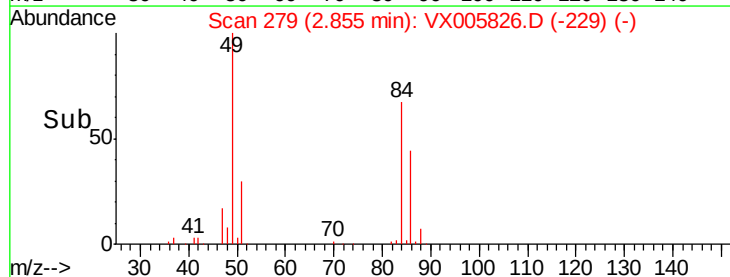
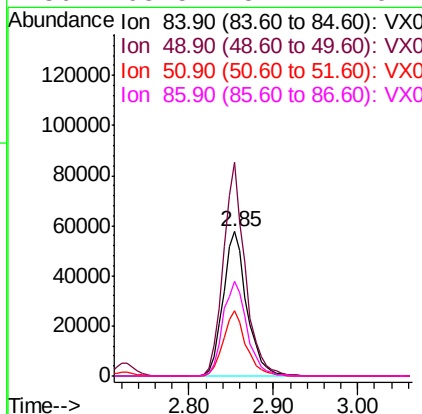
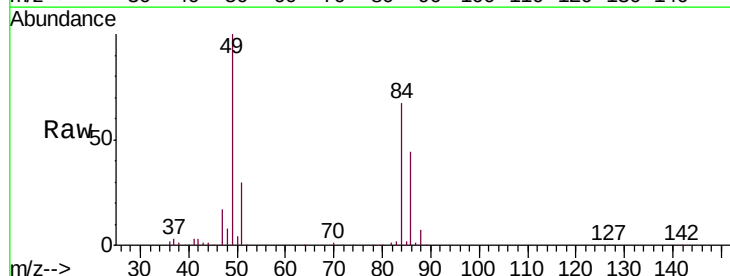
Tgt Ion: 73 Resp: 365414
 Ion Ratio Lower Upper
 73 100
 57 20.7 18.8 28.2

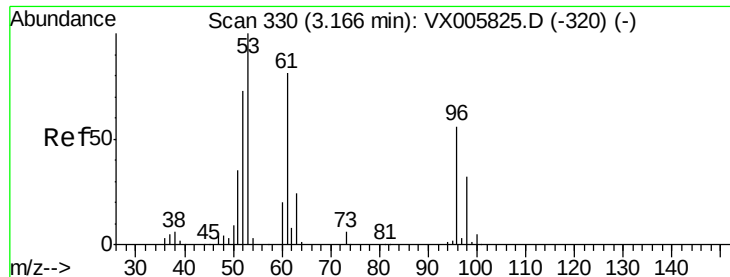


#20

Methylene Chloride
 Concen: 91.309 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 84 Resp: 110877
 Ion Ratio Lower Upper
 84 100
 49 148.2 109.5 164.3
 51 45.0 33.3 49.9
 86 65.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 91.164 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

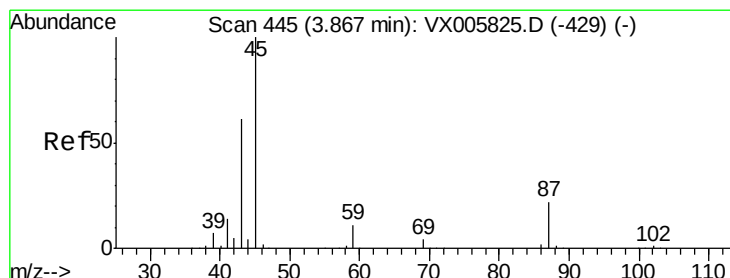
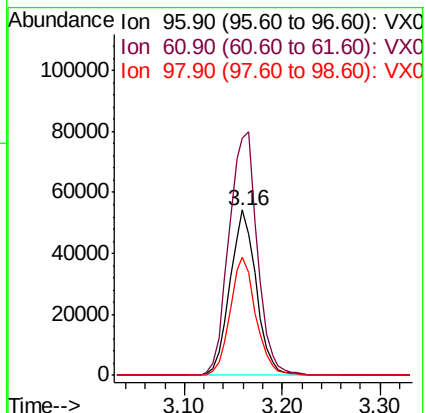
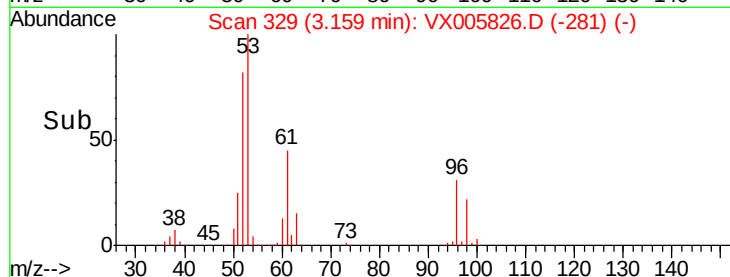
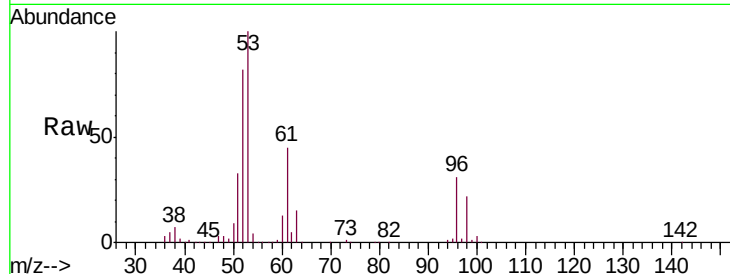
Tgt Ion: 96 Resp: 101501

Ion Ratio Lower Upper

96 100

61 143.5 115.6 173.4

98 71.4 50.2 75.2



#22

Diisopropyl ether

Concen: 96.922 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion: 45 Resp: 400284

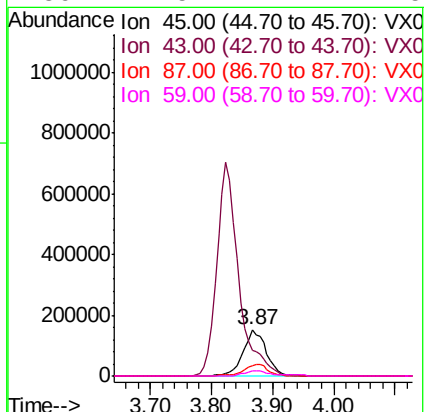
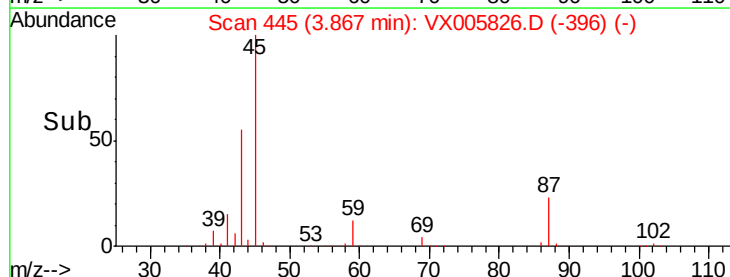
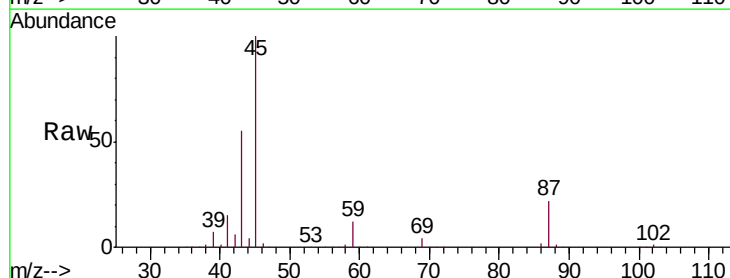
Ion Ratio Lower Upper

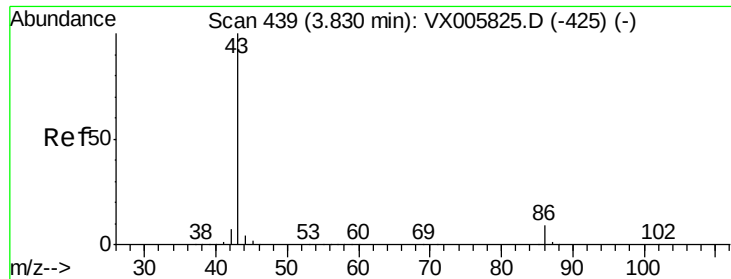
45 100

43 54.9 47.4 71.2

87 22.5 15.9 23.9

59 11.5 7.7 11.5





#23

Vinyl Acetate

Concen: 500.023 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

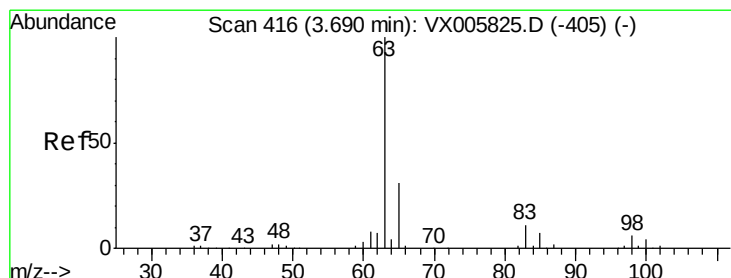
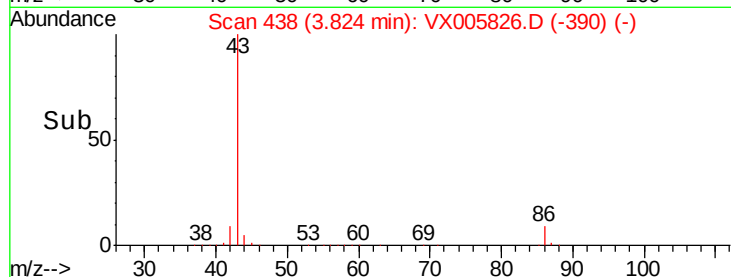
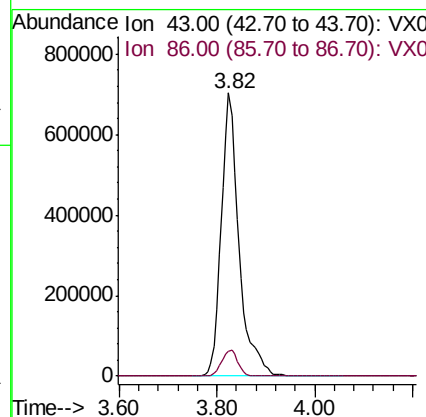
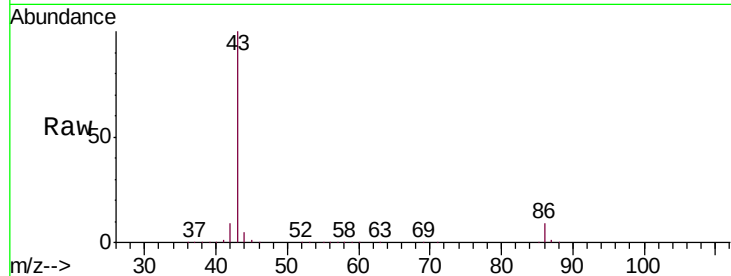
VSTDIC100

Tgt Ion: 43 Resp: 1770616

Ion Ratio Lower Upper

43 100

86 8.9 7.4 11.2



#24

1,1-Dichloroethane

Concen: 97.055 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

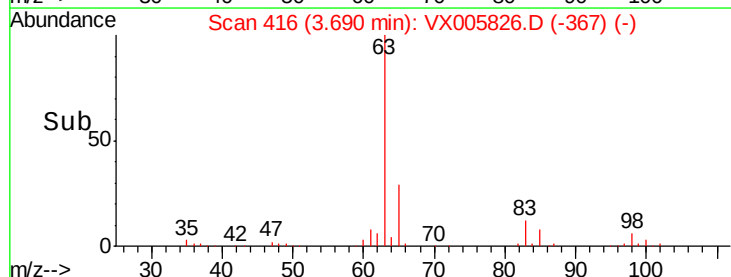
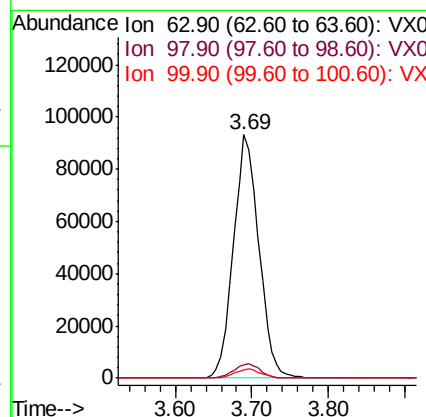
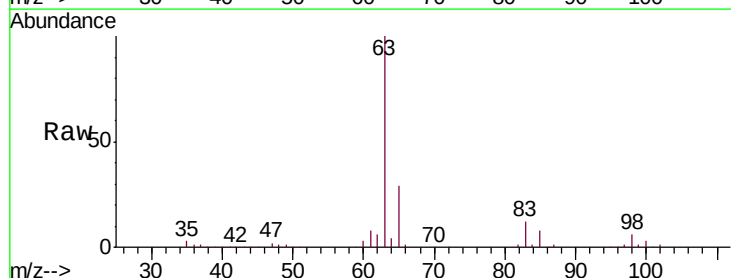
Tgt Ion: 63 Resp: 213851

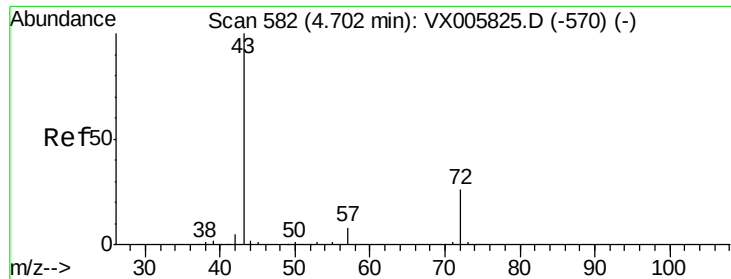
Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

100 3.4 2.1 6.2





#25

2-Butanone

Concen: 499.241 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

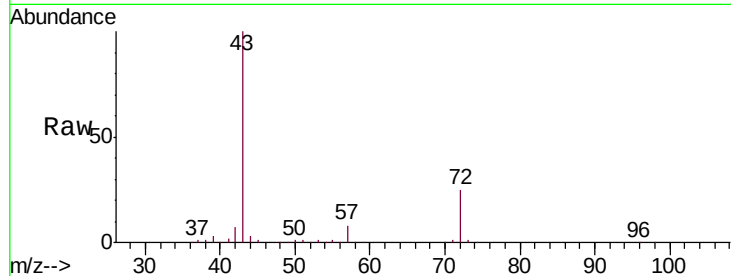
VSTDIC100

Tgt Ion: 43 Resp: 580215

Ion Ratio Lower Upper

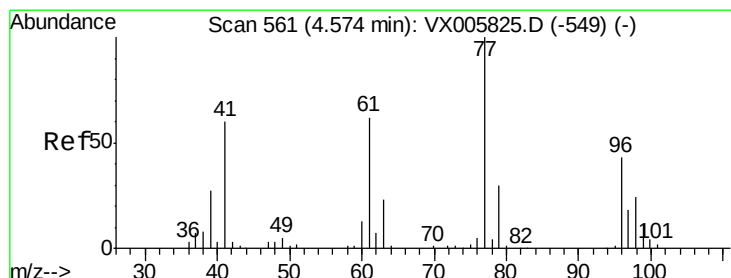
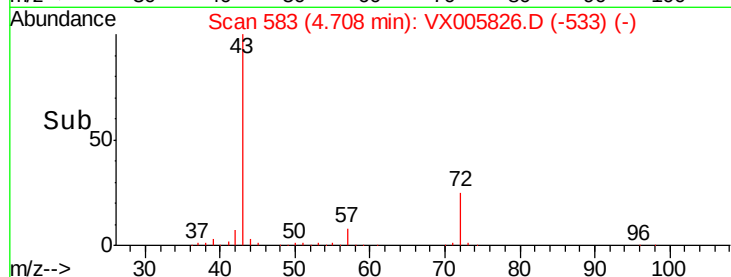
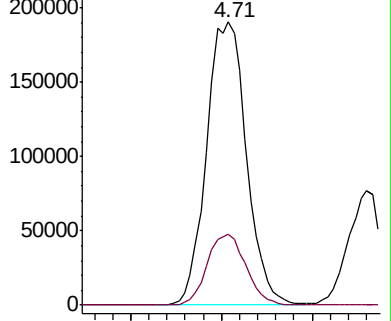
43 100

72 24.8 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: 100.046 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005826.D

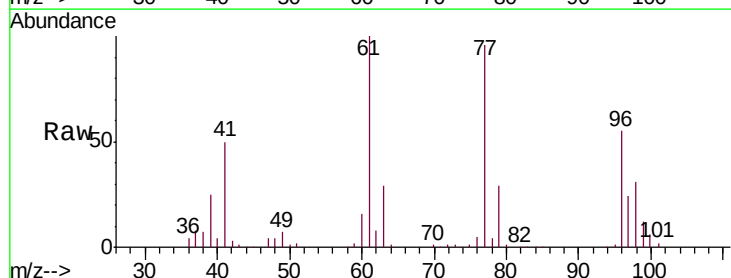
Acq: 07 Nov 2018 13:52

Tgt Ion: 77 Resp: 161705

Ion Ratio Lower Upper

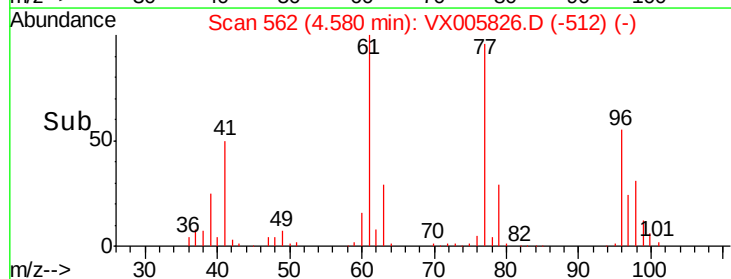
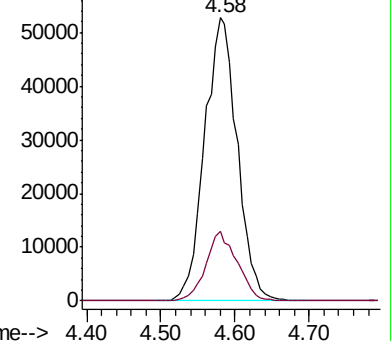
77 100

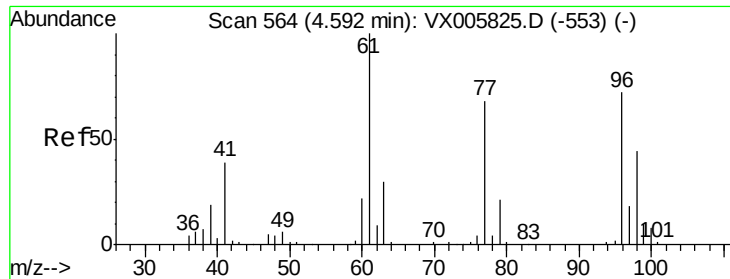
97 23.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



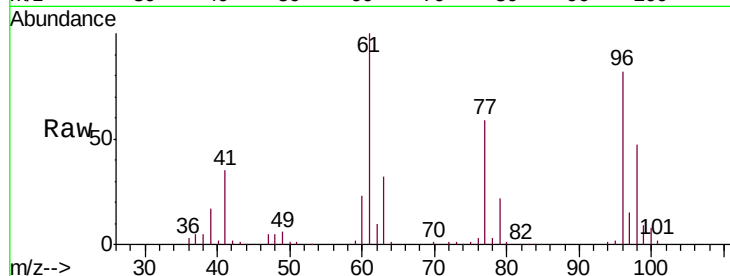


#27

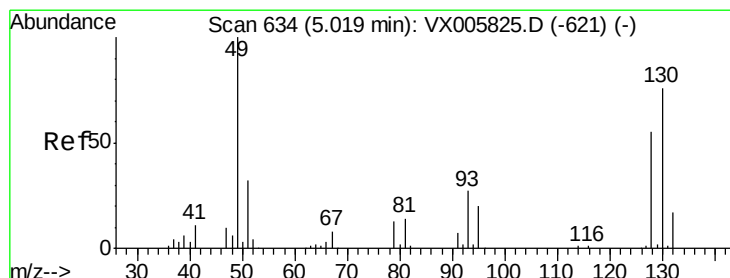
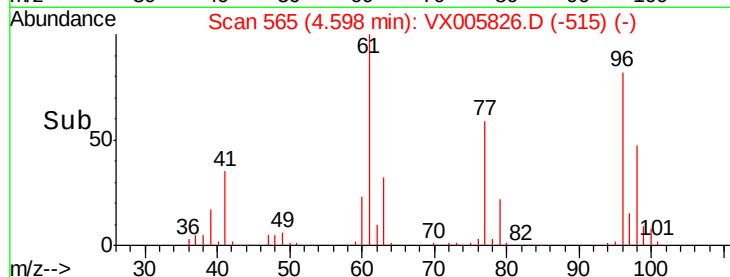
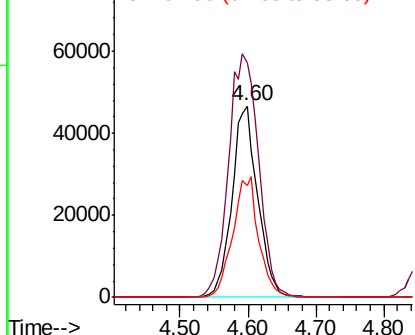
cis-1,2-Dichloroethene
 Concen: 99.365 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 122159
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 304.6
 98 63.4 0.0 127.4



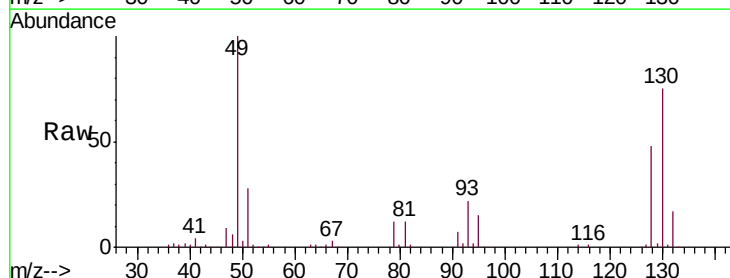
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



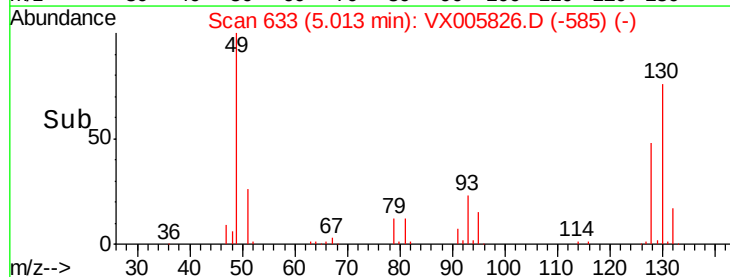
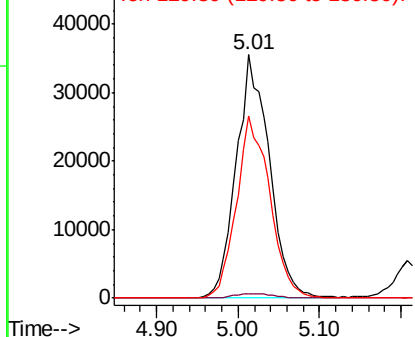
#28

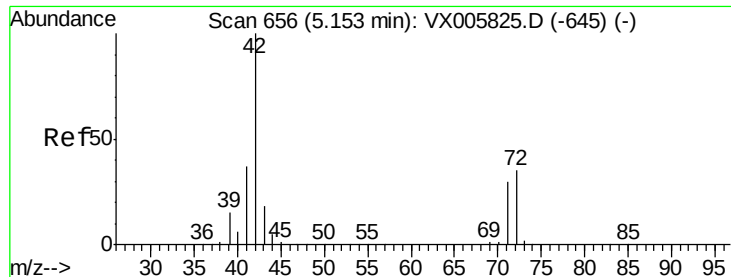
Bromochloromethane
 Concen: 101.781 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 49 Resp: 100228
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 74.9 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

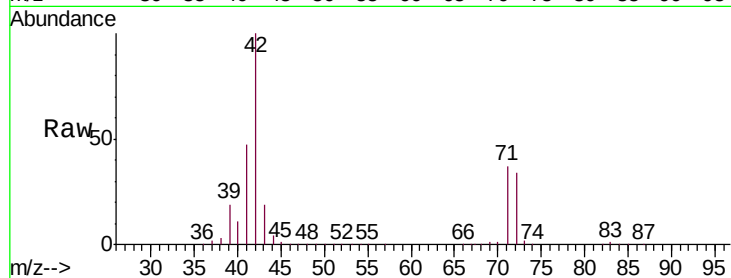




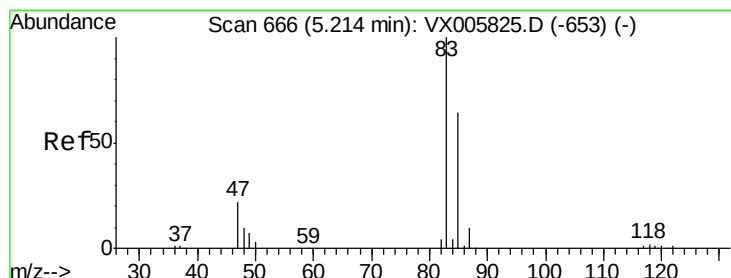
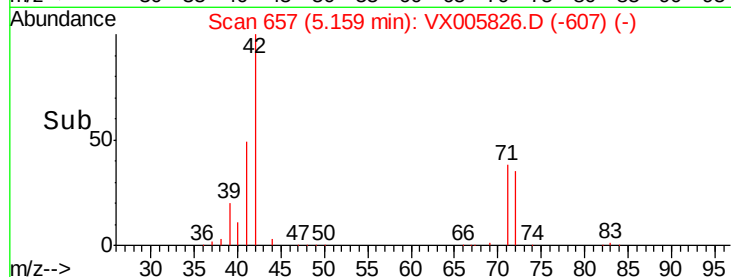
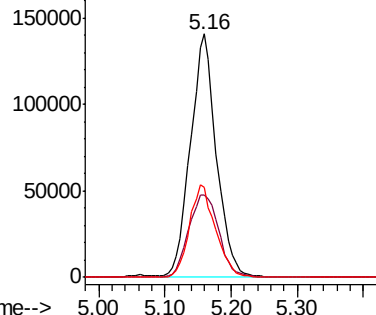
#29
Tetrahydrofuran
Concen: 512.620 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 382525
Ion Ratio Lower Upper
42 100
72 39.5 32.0 48.0
71 38.2 29.8 44.8

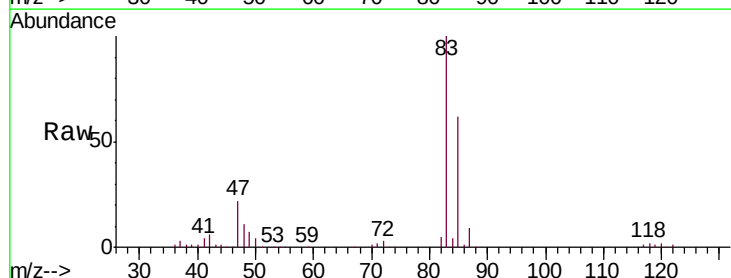


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

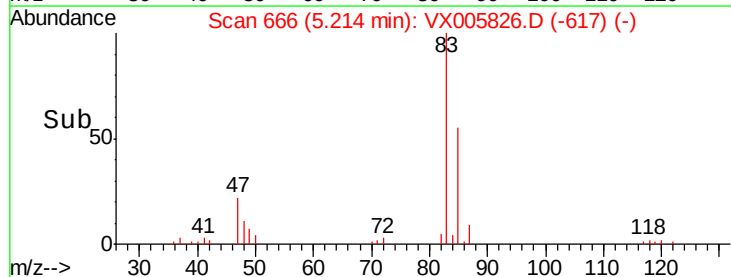
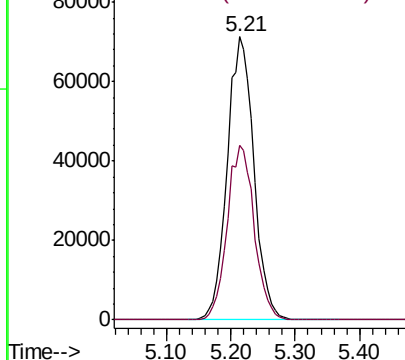


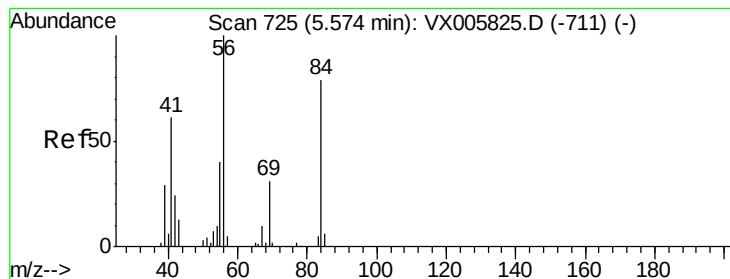
#30
Chloroform
Concen: 97.470 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion: 83 Resp: 207200
Ion Ratio Lower Upper
83 100
85 61.7 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: 103.234 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

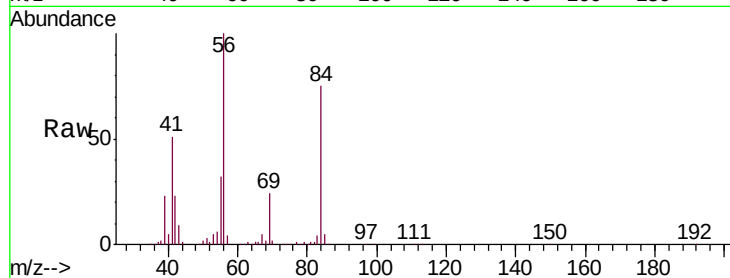
Tgt Ion: 56 Resp: 197452

Ion Ratio Lower Upper

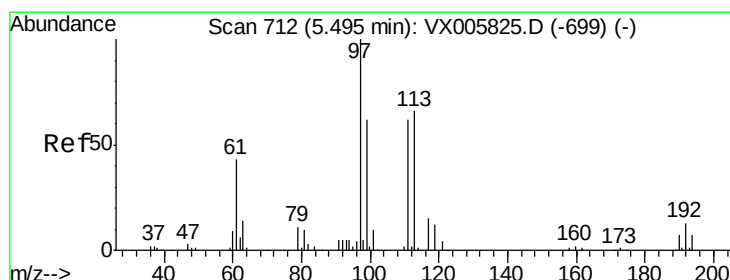
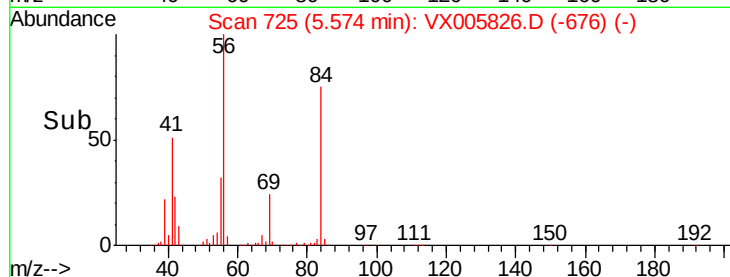
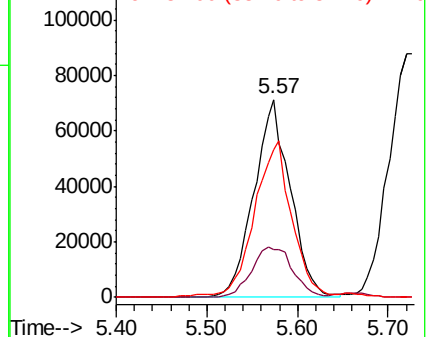
56 100

69 24.4 22.6 34.0

84 73.8 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: 99.792 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

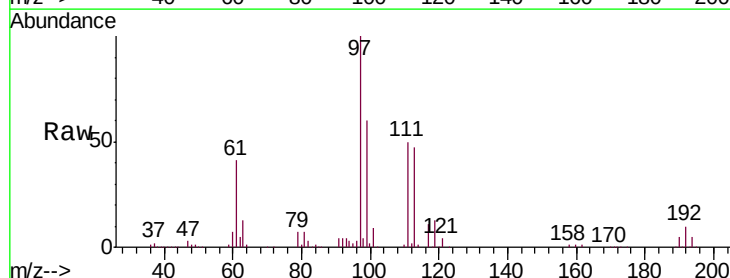
Tgt Ion: 97 Resp: 176942

Ion Ratio Lower Upper

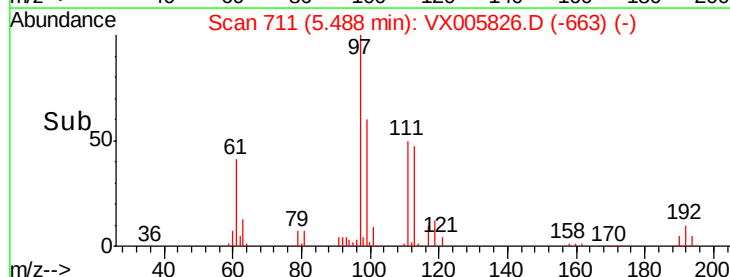
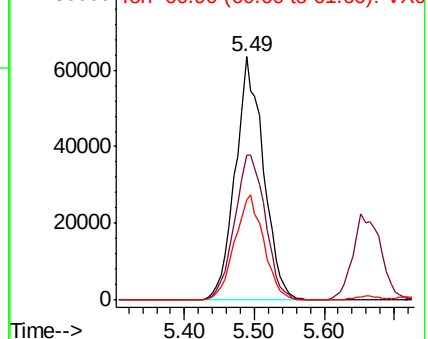
97 100

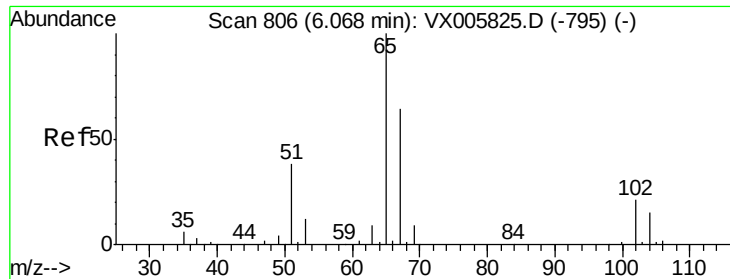
99 65.4 52.3 78.5

61 44.9 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

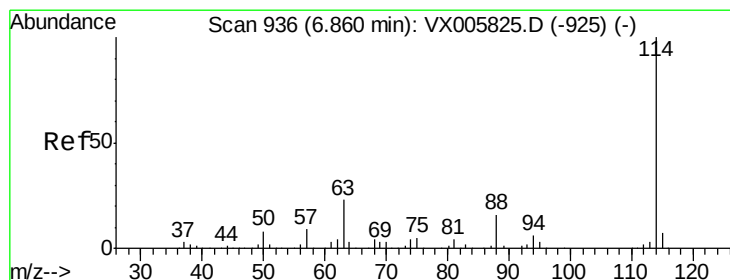
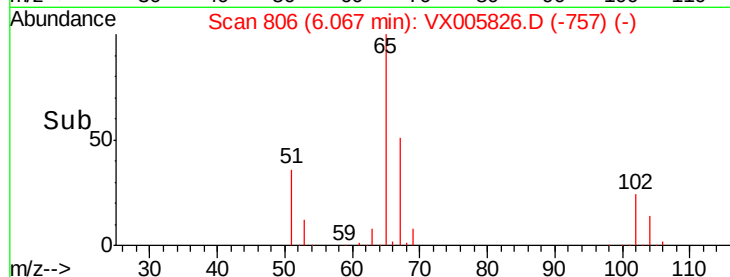
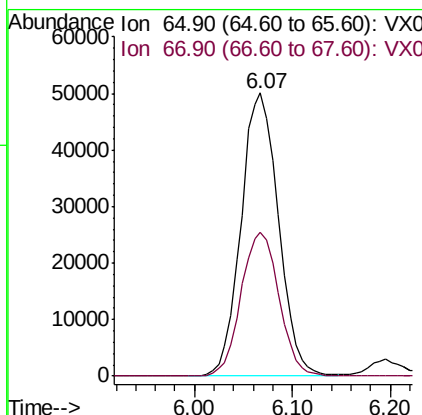
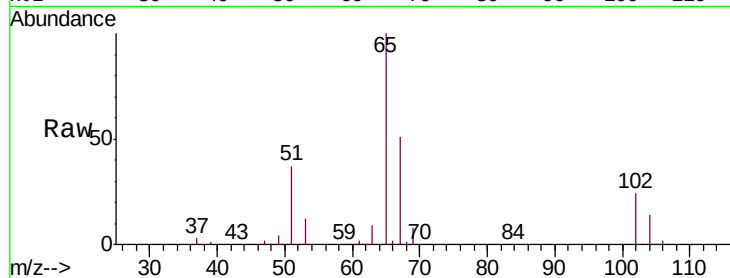




#33
 1,2-Dichloroethane-d4
 Concen: 96.819 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

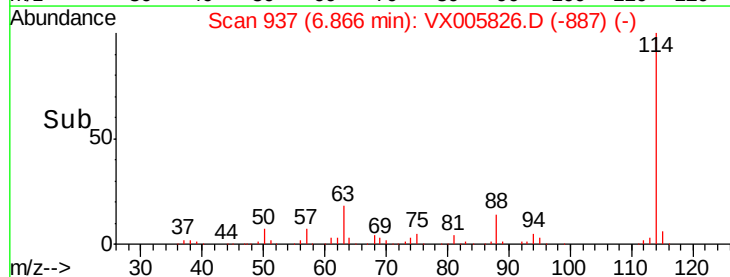
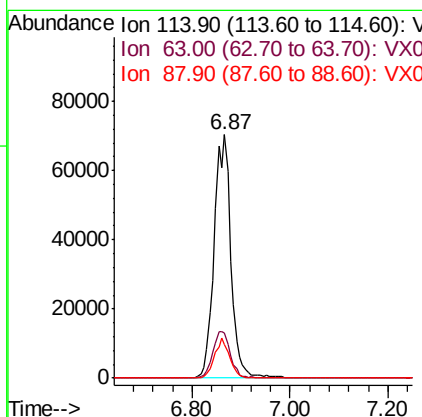
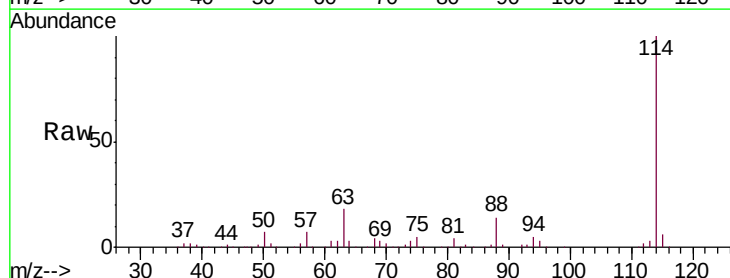
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

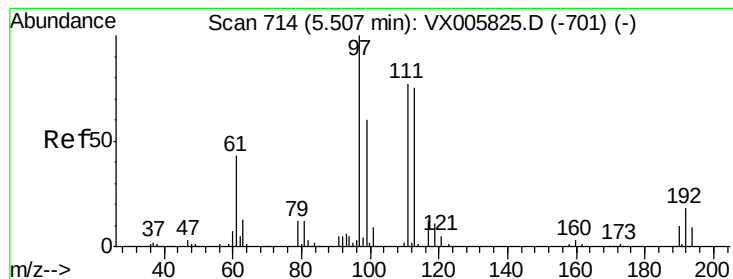
Tgt Ion: 65 Resp: 132928
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 114 Resp: 166874
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.8
 88 13.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 97.759 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

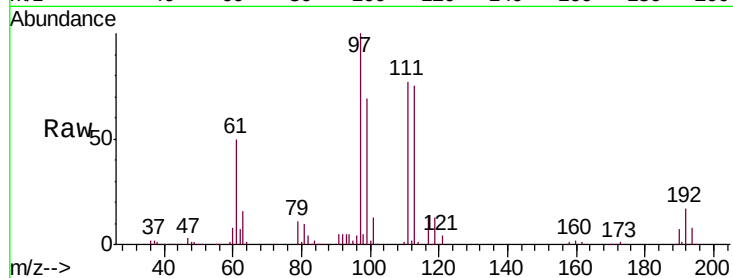
Tgt Ion:113 Resp: 110956

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

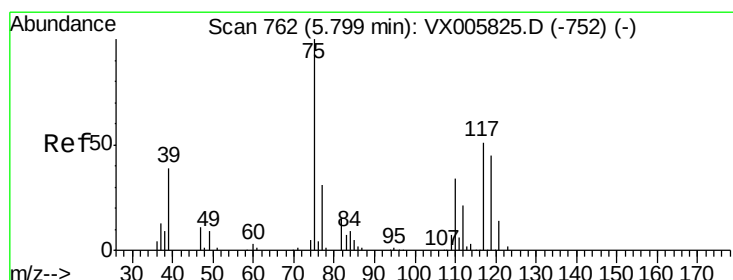
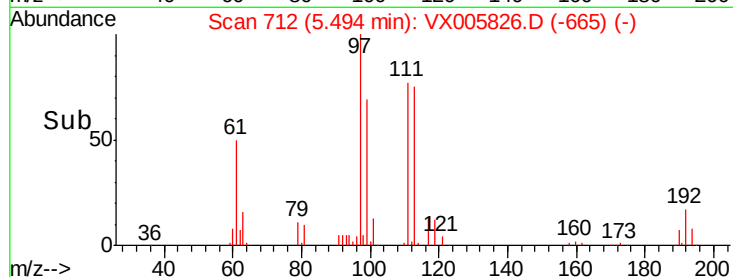
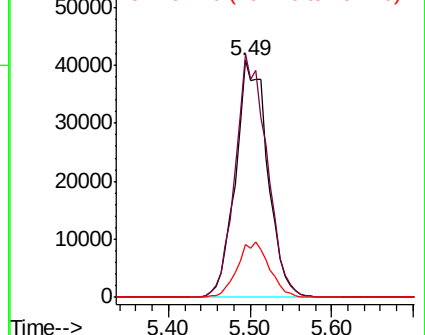
192 23.2 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 100.410 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

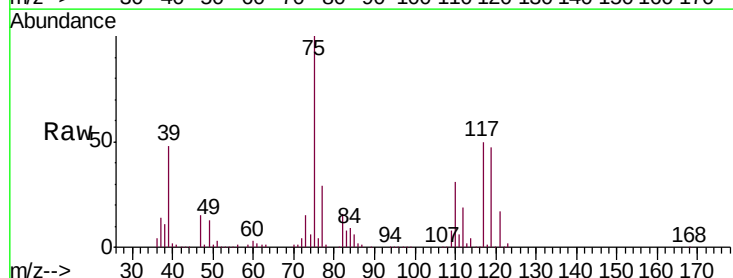
Tgt Ion: 75 Resp: 161530

Ion Ratio Lower Upper

75 100

110 35.6 17.4 52.2

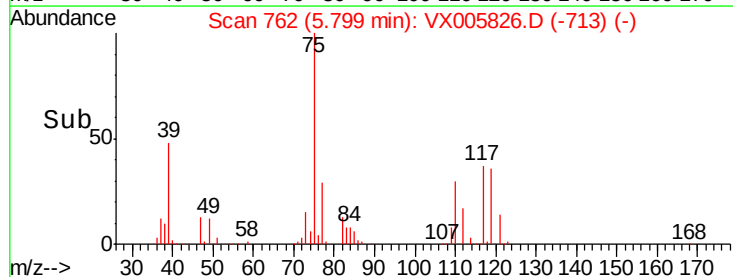
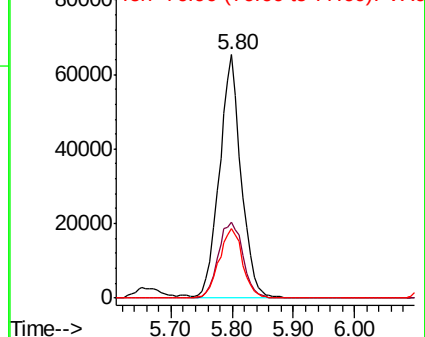
77 30.9 25.8 38.6

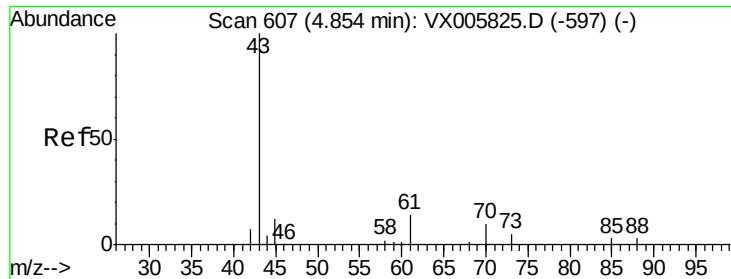


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

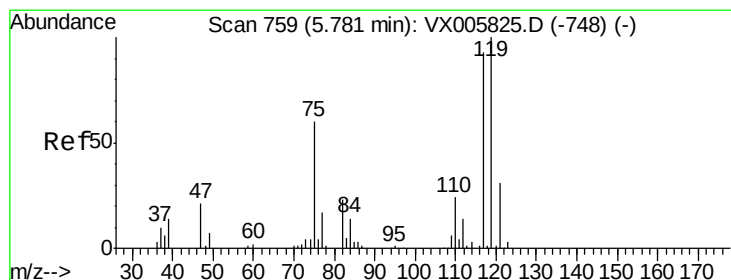
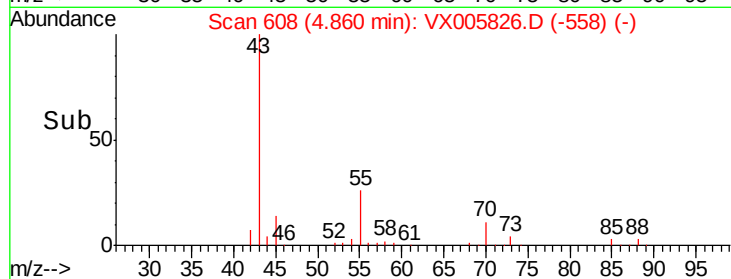
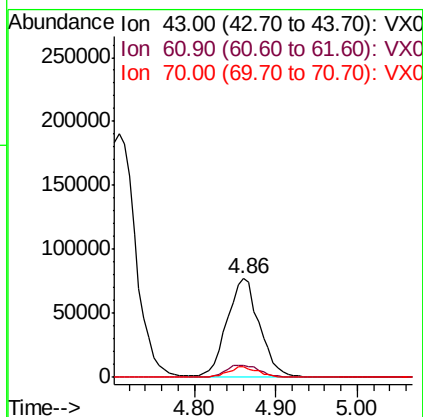
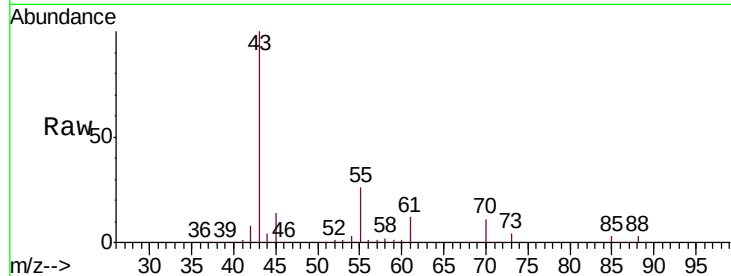




#37
Ethyl Acetate
Concen: 101.314 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

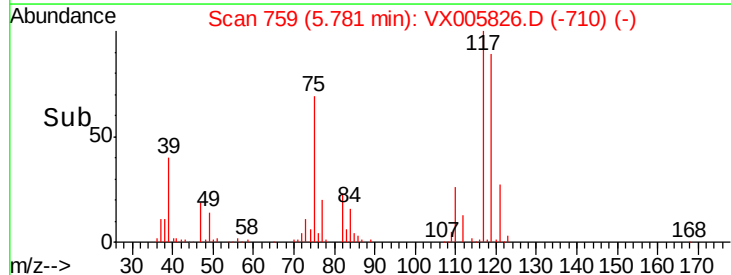
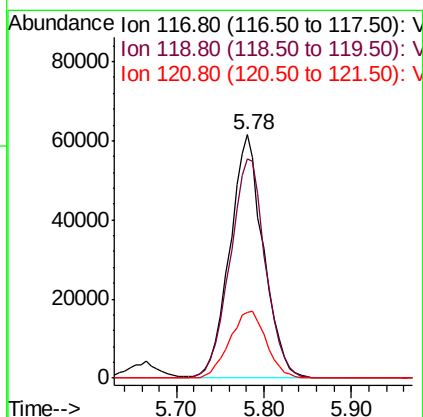
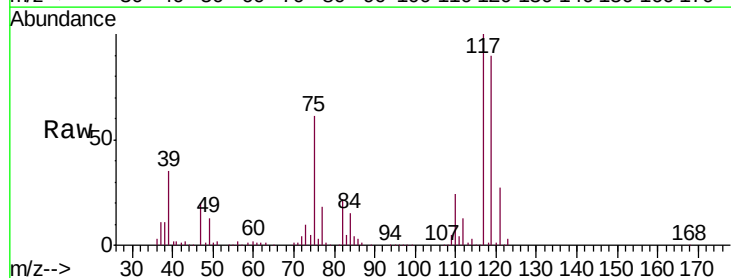
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

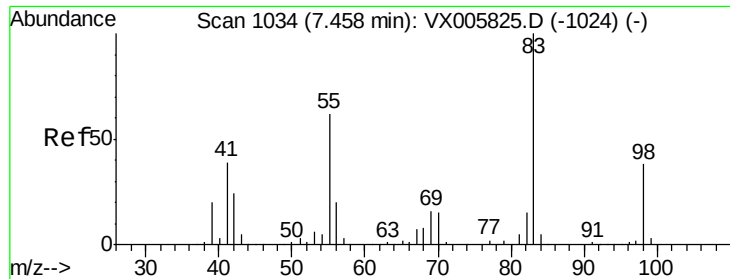
Tgt Ion: 43 Resp: 214328
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 102.094 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion: 117 Resp: 164422
Ion Ratio Lower Upper
117 100
119 89.8 78.1 117.1
121 27.1 24.6 36.8

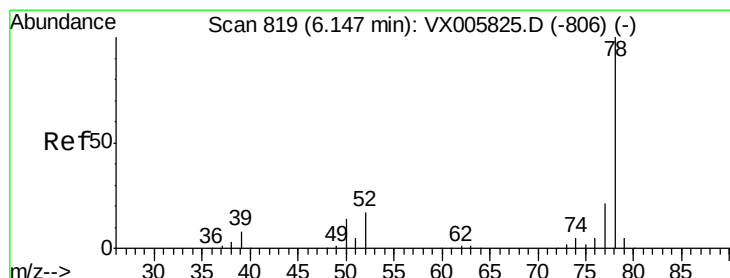
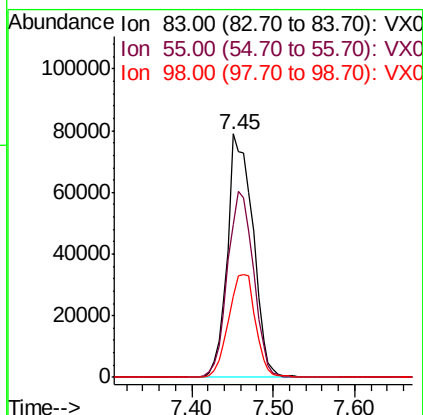
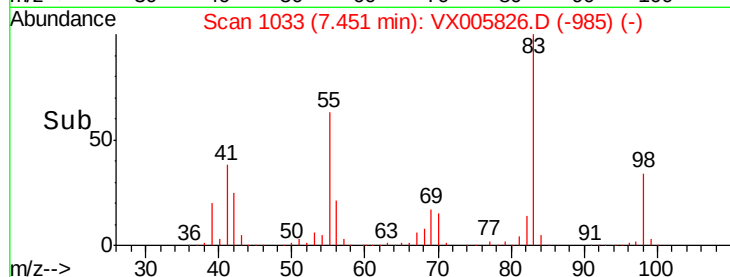
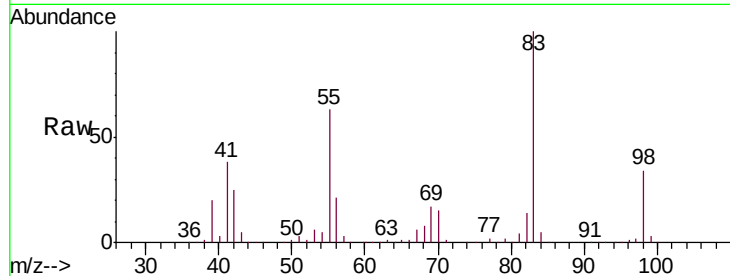




#39
Methylcyclohexane
Concen: 104.256 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

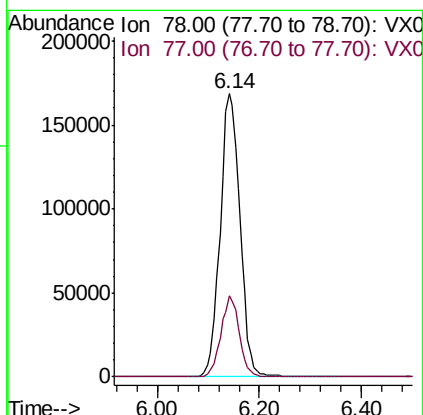
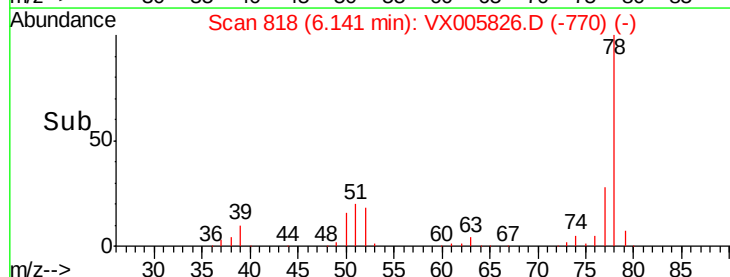
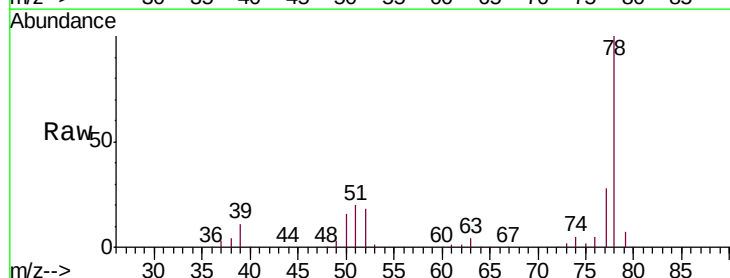
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

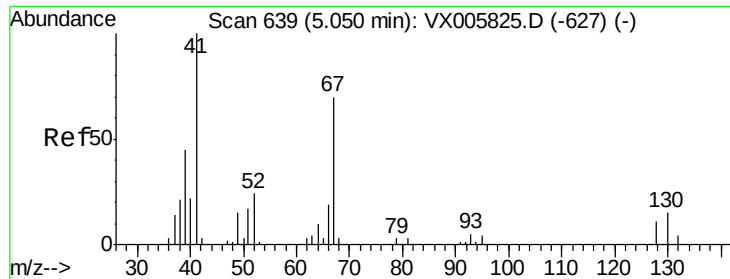
Tgt Ion: 83 Resp: 169987
Ion Ratio Lower Upper
83 100
55 63.0 63.7 95.5#
98 33.5 36.2 54.2#



#40
Benzene
Concen: 96.941 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion: 78 Resp: 454627
Ion Ratio Lower Upper
78 100
77 28.5 18.4 27.6#

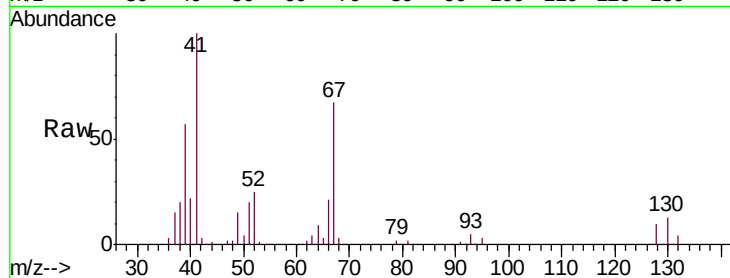




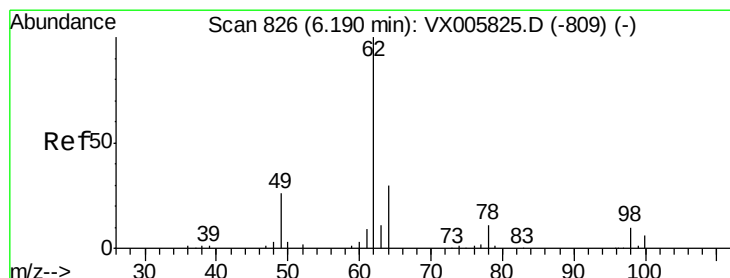
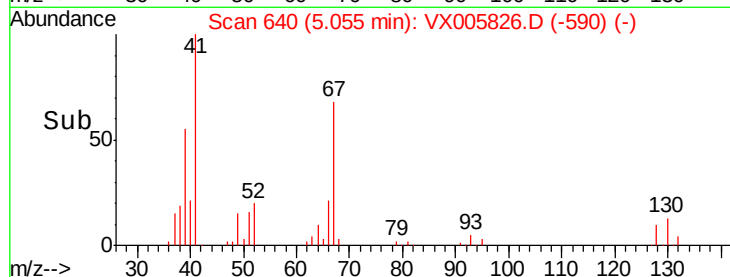
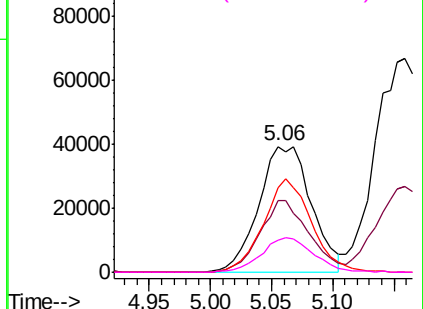
#41
Methacrylonitrile
Concen: 103.209 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	117977
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.2	63.2
67	67.6	53.4	80.0
52	27.6	23.4	35.2

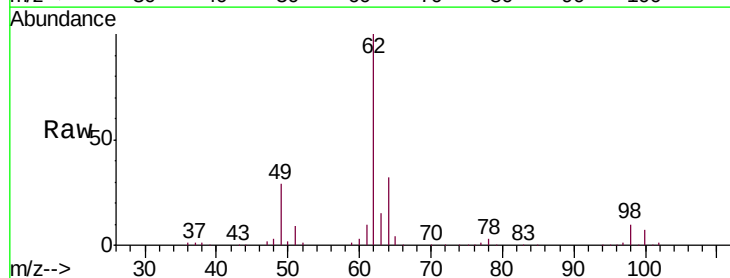


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

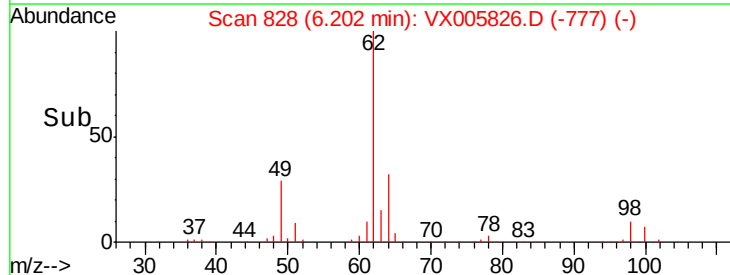
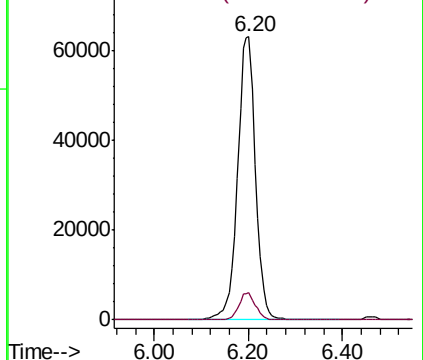


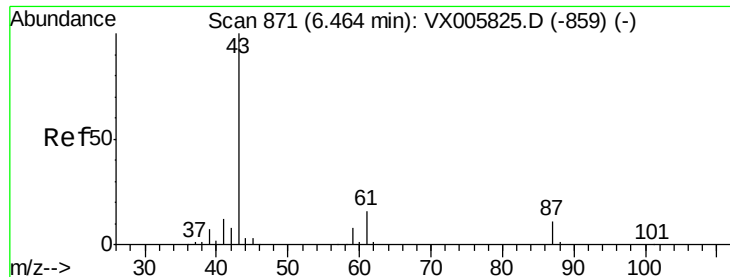
#42
1,2-Dichloroethane
Concen: 98.472 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion:	62	Resp:	165409
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 102.534 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

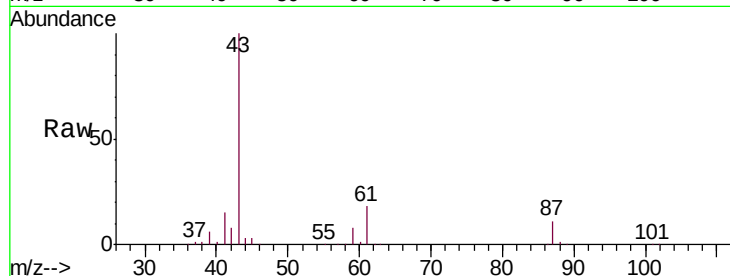
Tgt Ion: 43 Resp: 314304

Ion Ratio Lower Upper

43 100

61 19.0 14.6 22.0

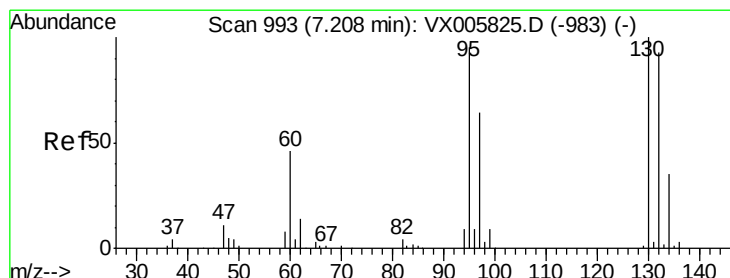
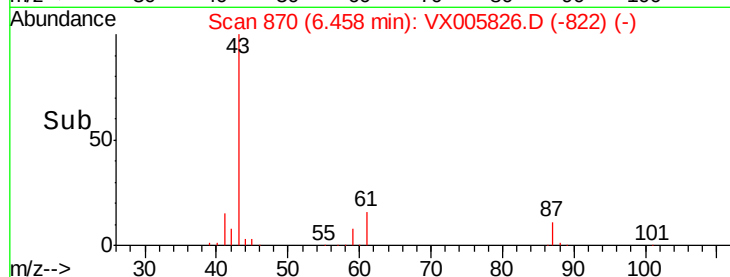
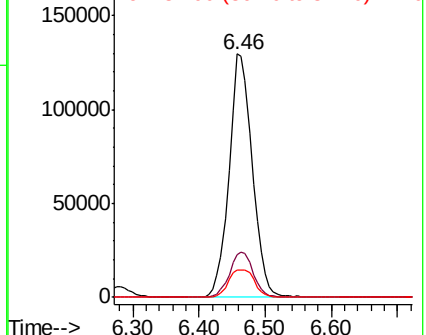
87 12.8 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 96.348 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005826.D

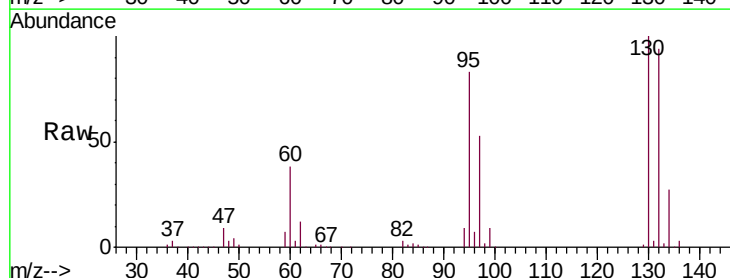
Acq: 07 Nov 2018 13:52

Tgt Ion: 130 Resp: 114749

Ion Ratio Lower Upper

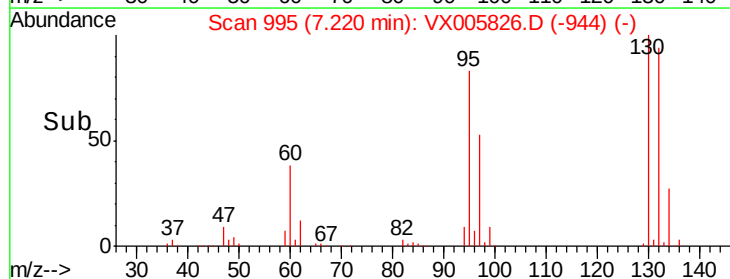
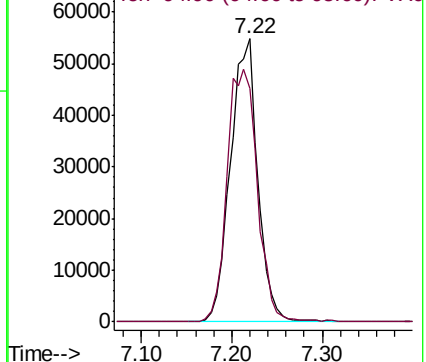
130 100

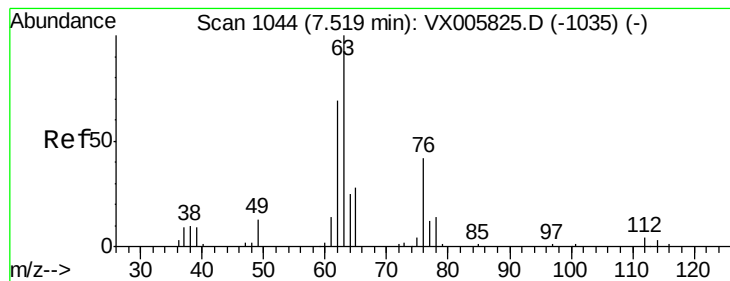
95 82.7 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 94.138 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

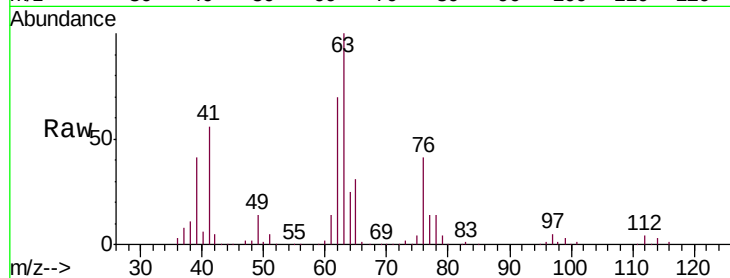
VSTDIC100

Tgt Ion: 63 Resp: 107156

Ion Ratio Lower Upper

63 100

65 31.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

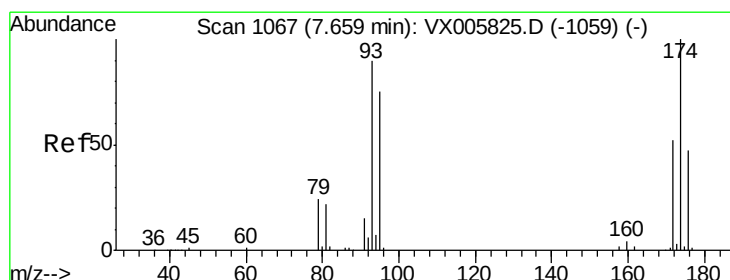
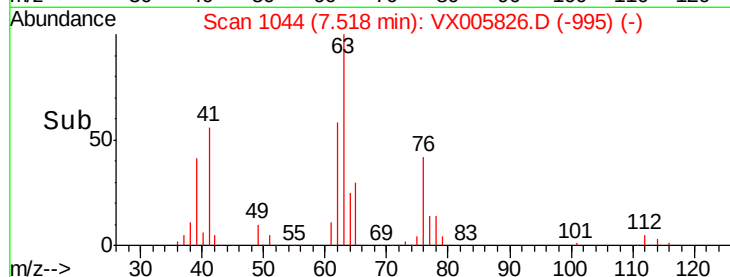
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 96.497 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

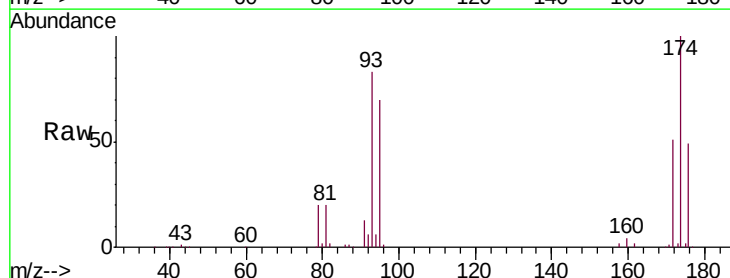
Tgt Ion: 93 Resp: 68926

Ion Ratio Lower Upper

93 100

95 85.7 67.4 101.0

174 115.1 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

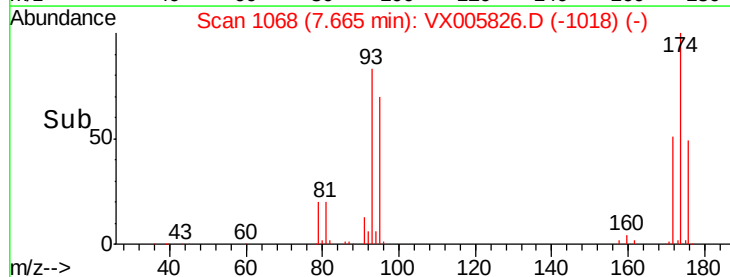
20000

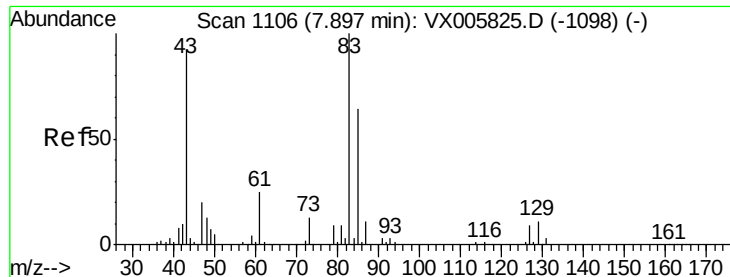
10000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 100.131 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

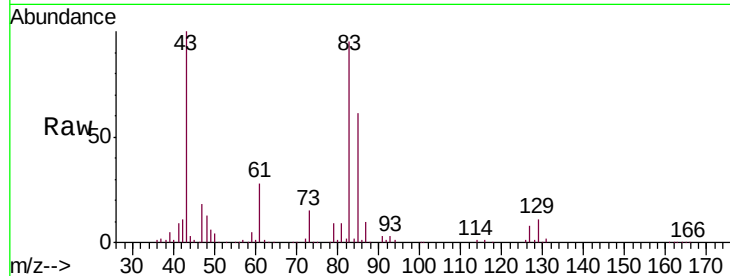
Tgt Ion: 83 Resp: 135167

Ion Ratio Lower Upper

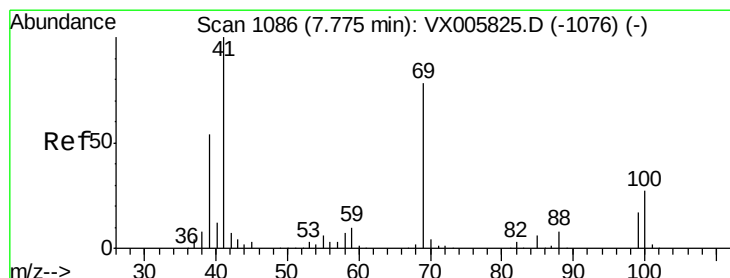
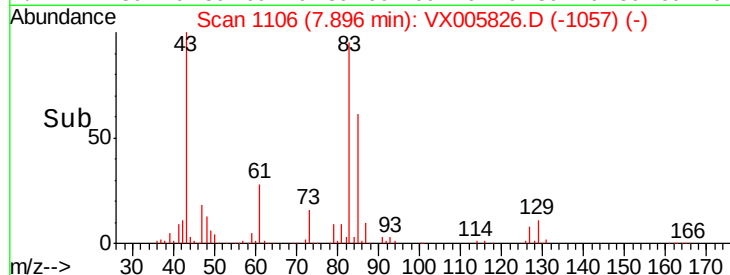
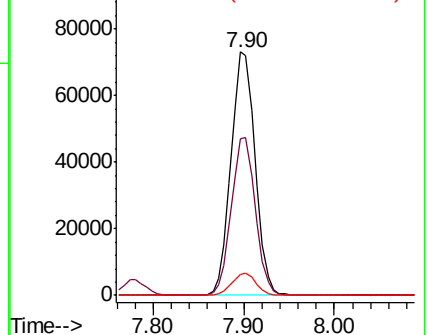
83 100

85 64.2 50.2 75.4

127 8.6 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: 104.366 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

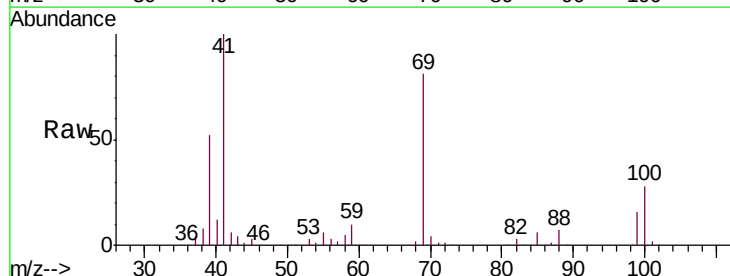
Tgt Ion: 41 Resp: 143650

Ion Ratio Lower Upper

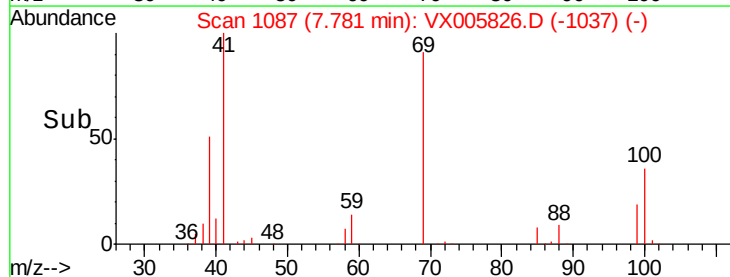
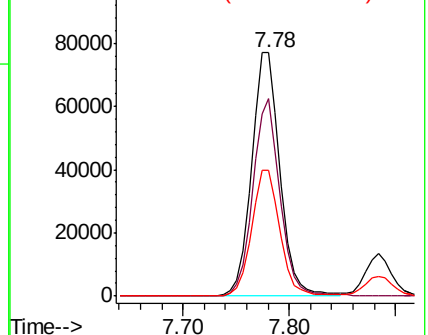
41 100

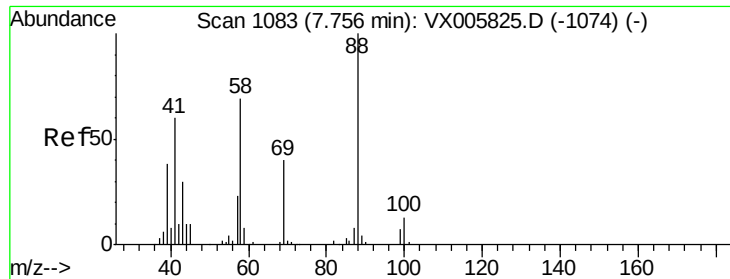
69 78.0 63.2 94.8

39 51.9 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

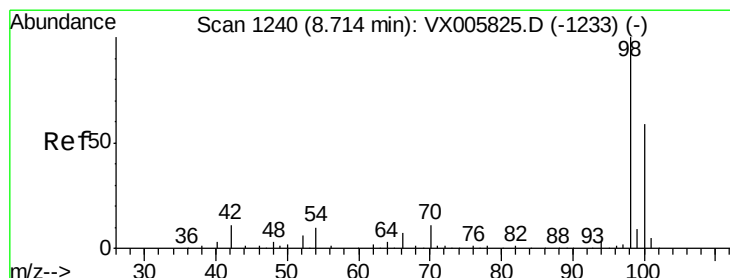
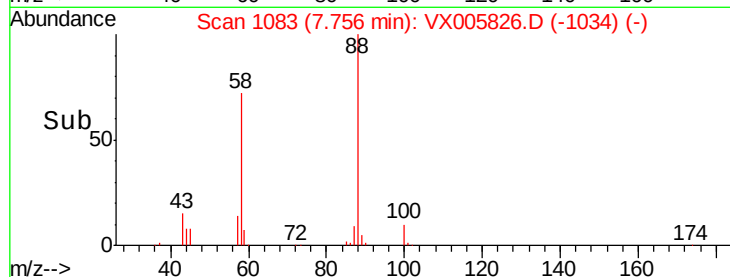
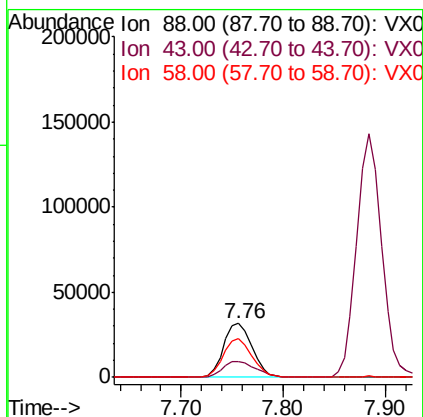
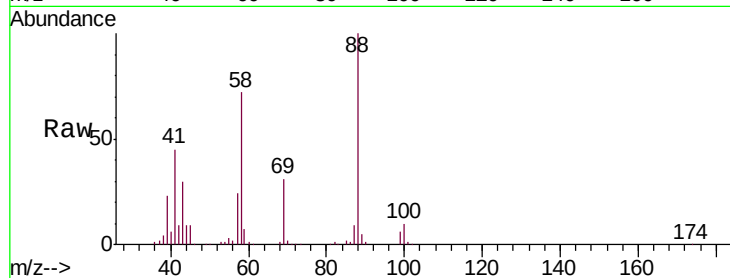




#49
1,4-Dioxane
Concen: 2087.458 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

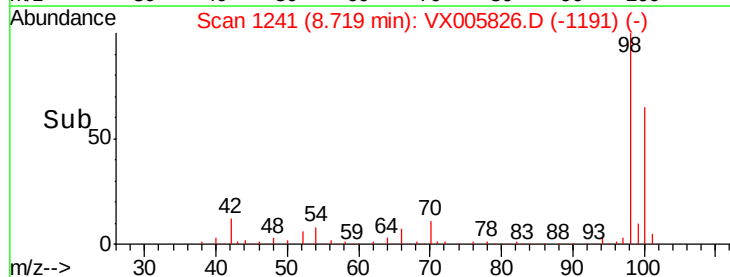
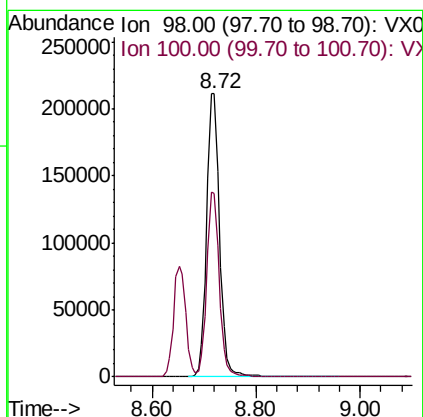
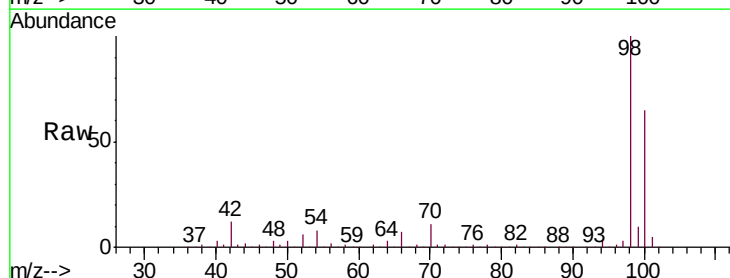
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

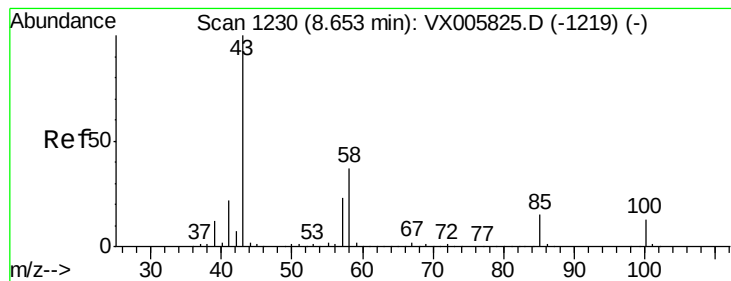
Tgt Ion: 88 Resp: 61913
Ion Ratio Lower Upper
88 100
43 33.6 27.4 41.0
58 72.2 59.4 89.2



#50
Toluene-d8
Concen: 95.981 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion: 98 Resp: 362173
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 503.762 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

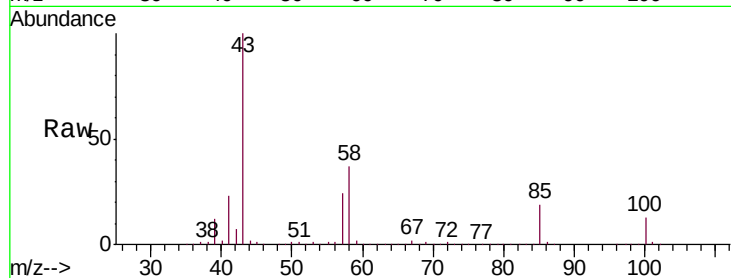
VSTDIC100

Tgt Ion: 43 Resp: 973223

Ion Ratio Lower Upper

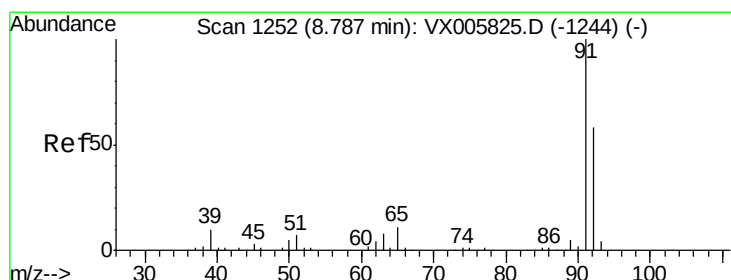
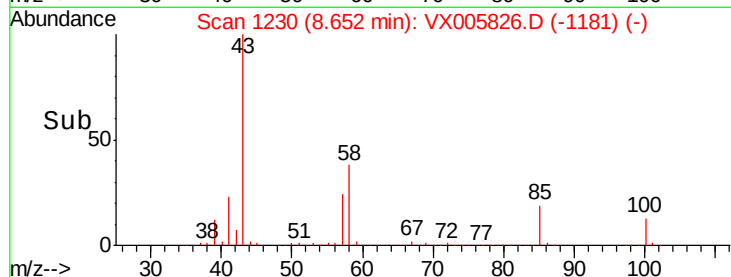
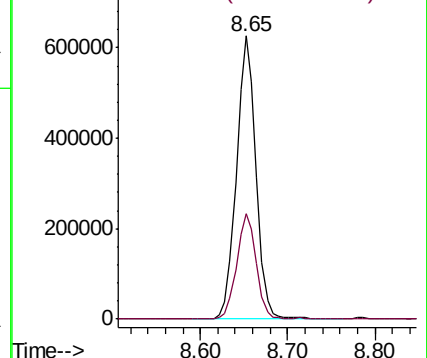
43 100

58 37.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 97.117 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005826.D

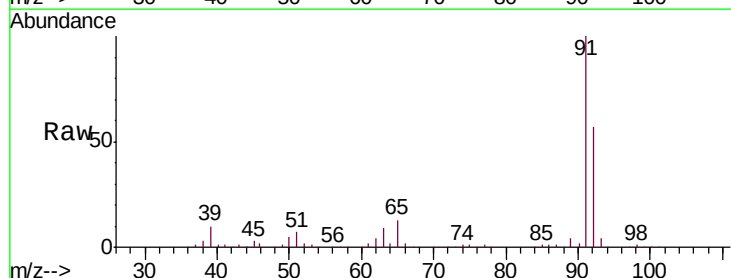
Acq: 07 Nov 2018 13:52

Tgt Ion: 92 Resp: 254547

Ion Ratio Lower Upper

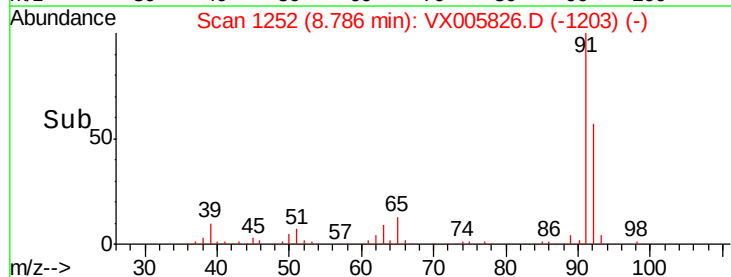
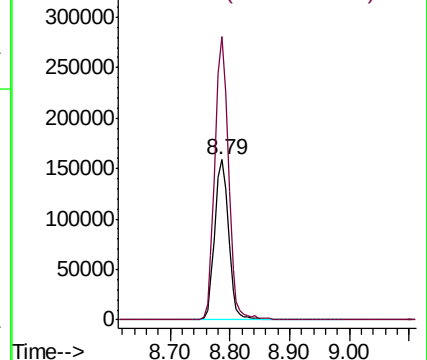
92 100

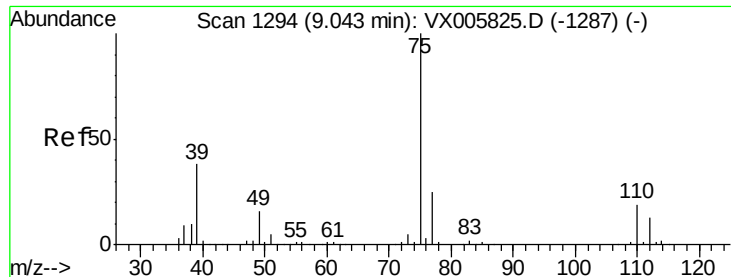
91 173.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 105.859 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

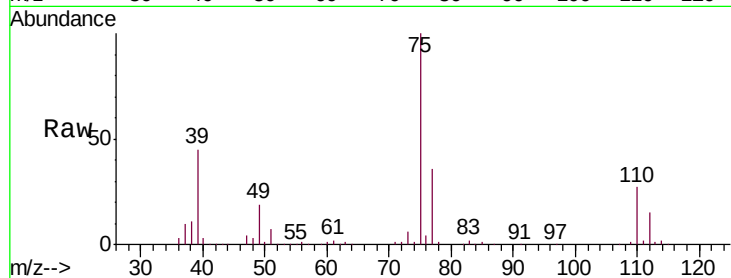
VSTDIC100

Tgt Ion: 75 Resp: 168634

Ion Ratio Lower Upper

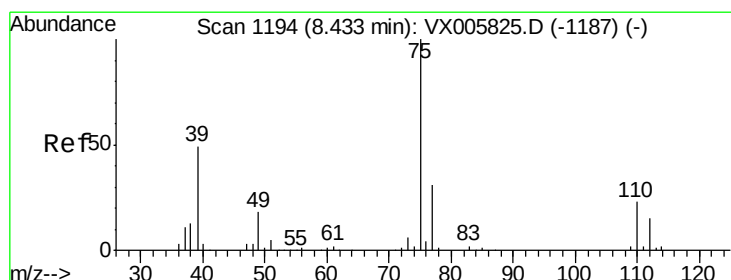
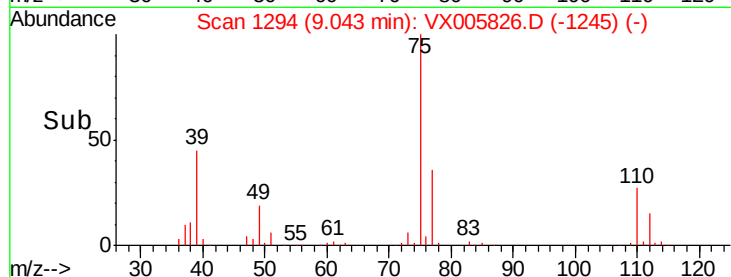
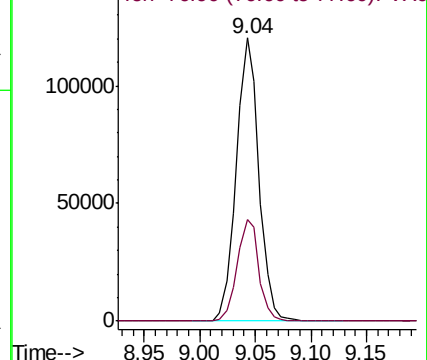
75 100

77 35.7 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: 102.154 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

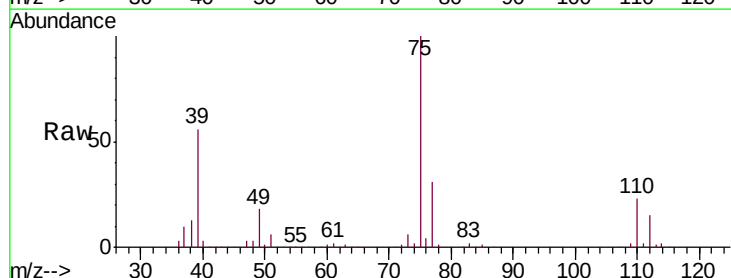
Tgt Ion: 75 Resp: 165864

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

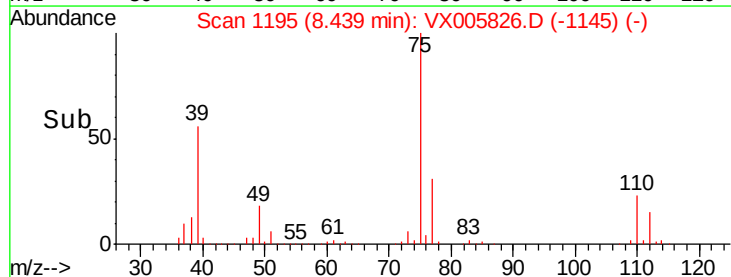
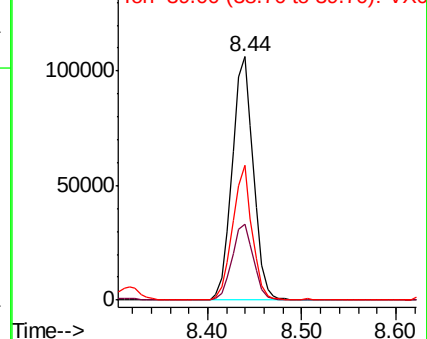
39 55.5 38.2 57.2

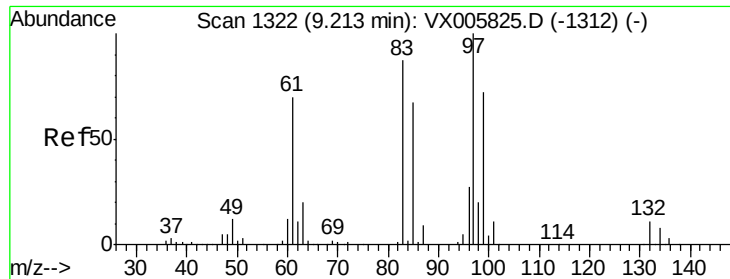


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 101.524 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 118593

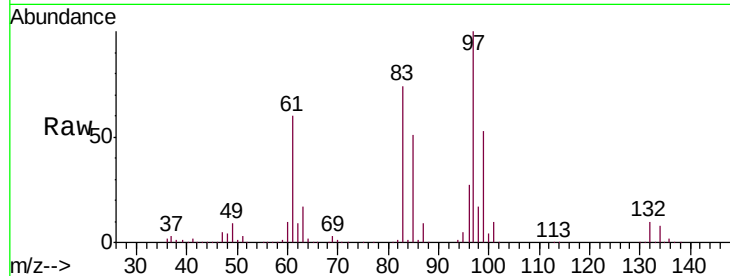
Ion Ratio Lower Upper

97 100

83 73.9 70.7 106.1

85 50.7 45.8 68.6

99 53.3 51.8 77.8

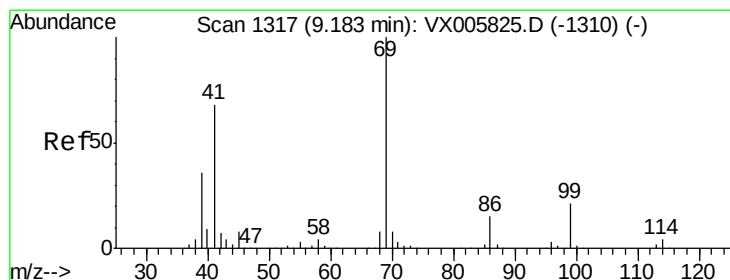
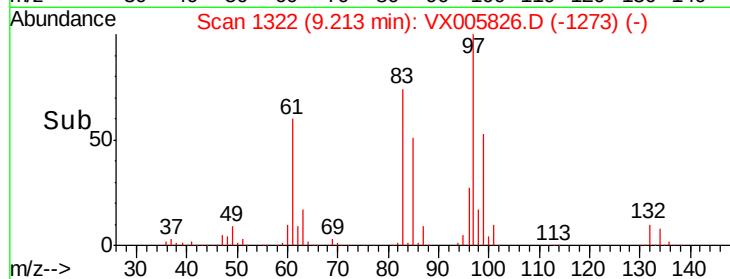
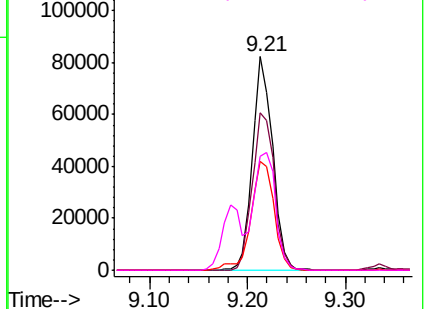


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 108.609 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

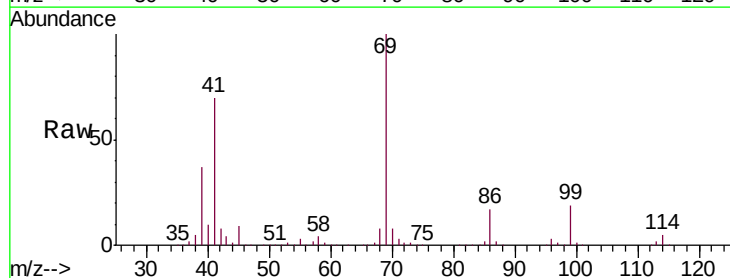
Tgt Ion: 69 Resp: 189828

Ion Ratio Lower Upper

69 100

41 69.7 57.0 85.6

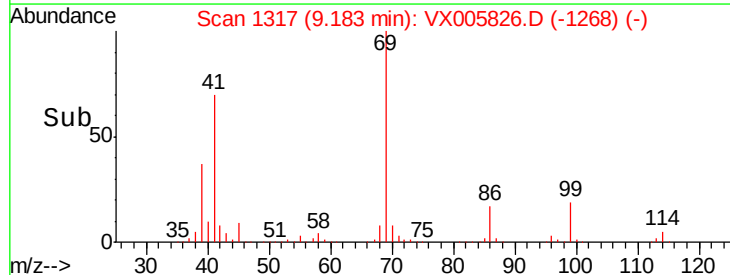
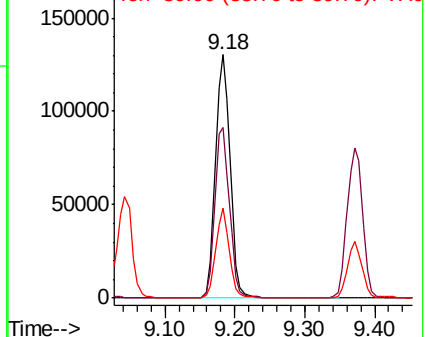
39 33.9 28.3 42.5

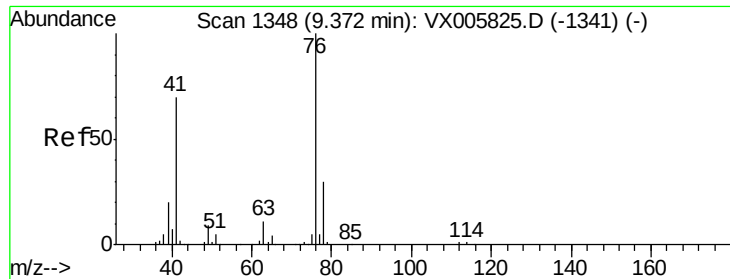


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 104.702 ug/l

RT: 9.38 min Scan# 1349

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

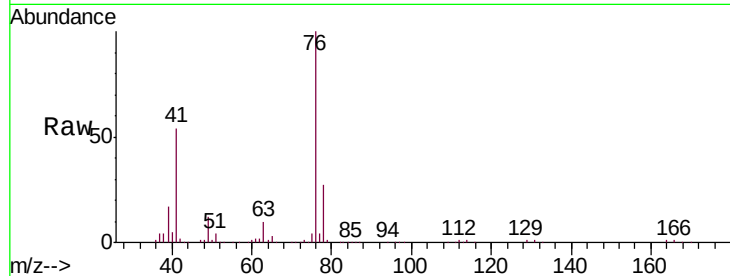
VSTDIC100

Tgt Ion: 76 Resp: 205535

Ion Ratio Lower Upper

76 100

78 31.4 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

150000

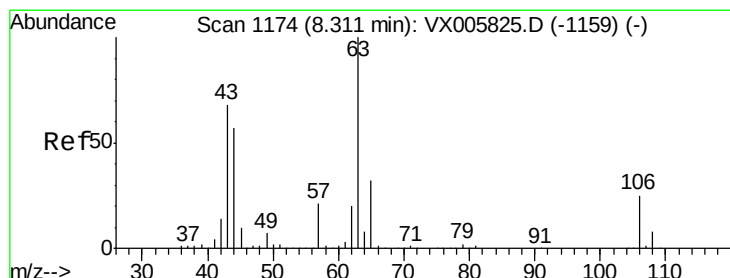
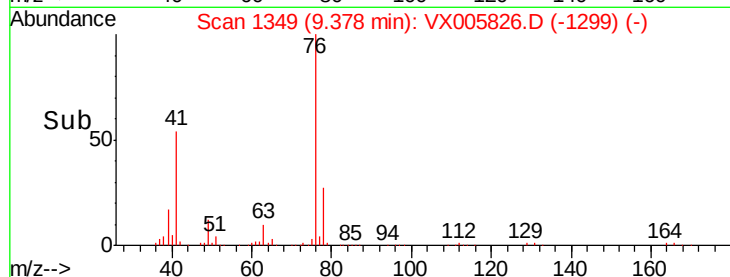
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 489.457 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005826.D

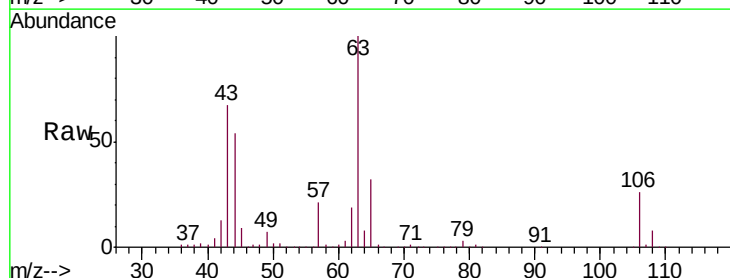
Acq: 07 Nov 2018 13:52

Tgt Ion: 63 Resp: 473967

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

300000

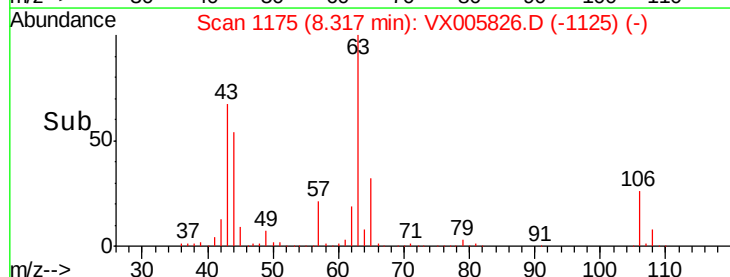
200000

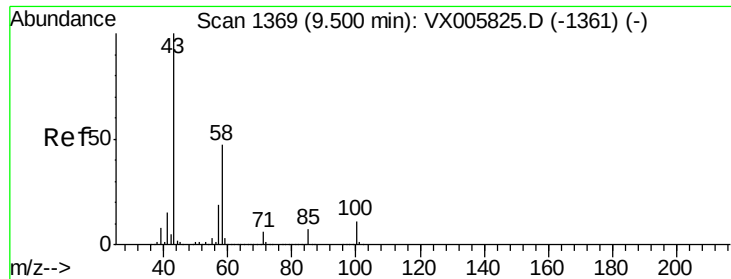
100000

0

Time-->

8.20 8.30 8.40

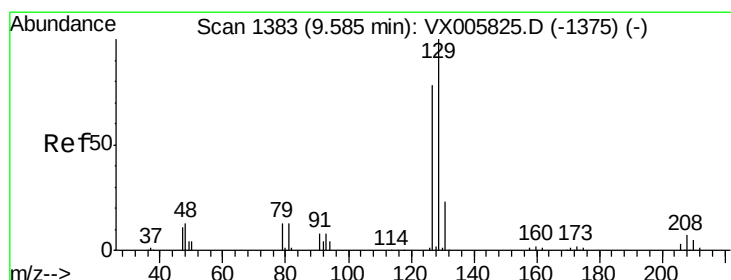
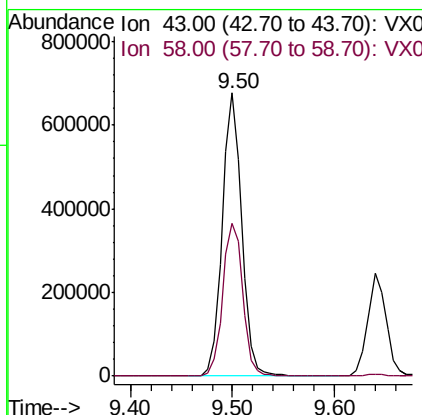
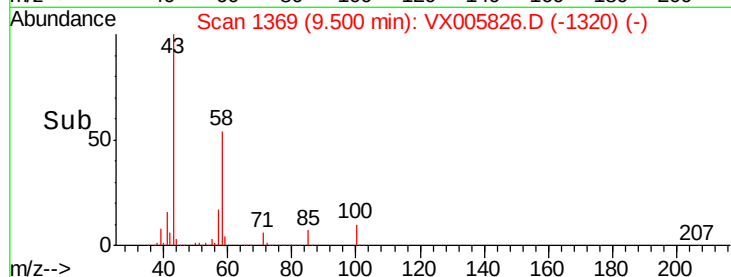
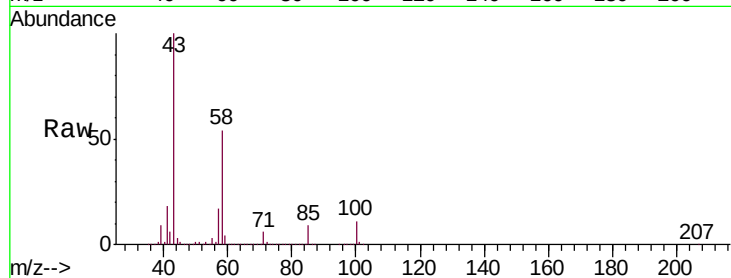




#59
2-Hexanone
Concen: 528.905 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

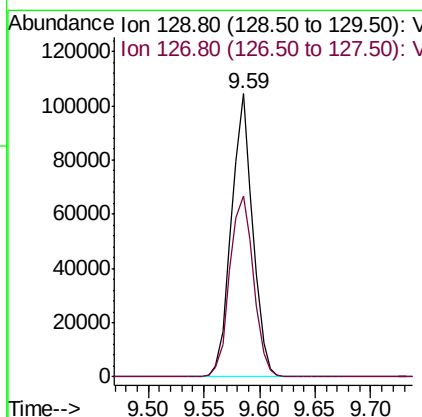
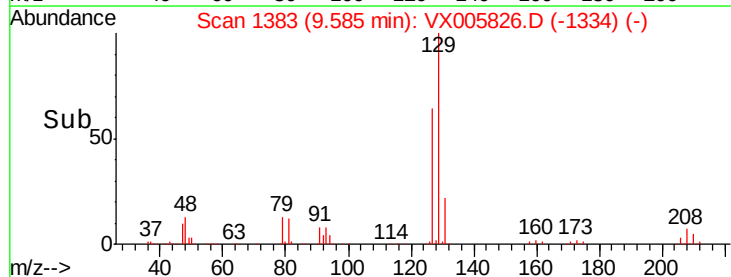
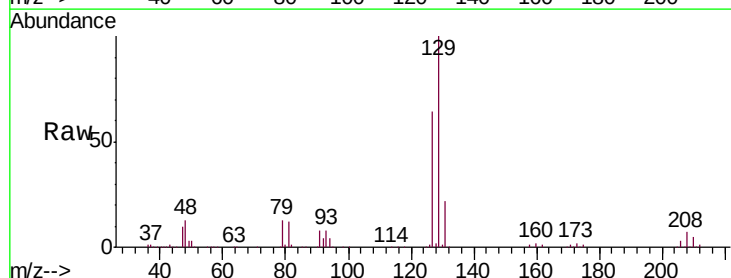
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

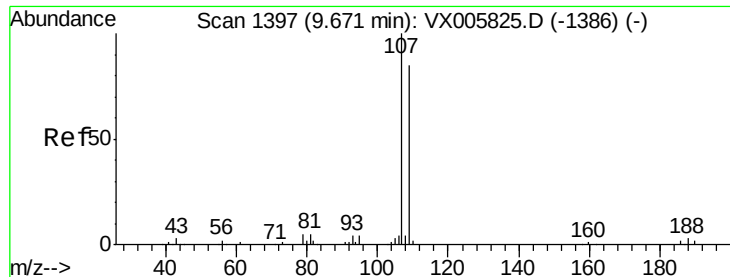
Tgt Ion: 43 Resp: 900667
Ion Ratio Lower Upper
43 100
58 55.7 25.9 77.8



#60
Dibromochloromethane
Concen: 109.783 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion: 129 Resp: 138595
Ion Ratio Lower Upper
129 100
127 71.4 38.9 116.7

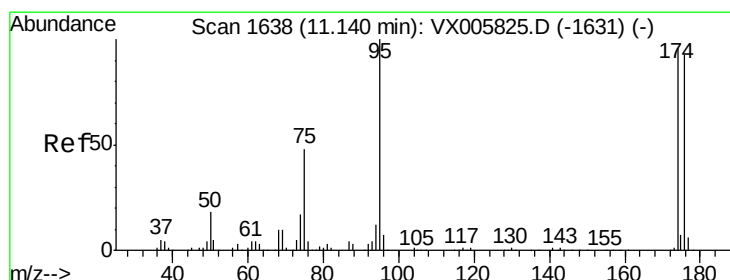
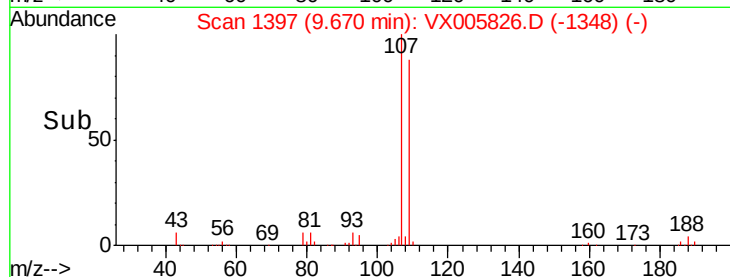
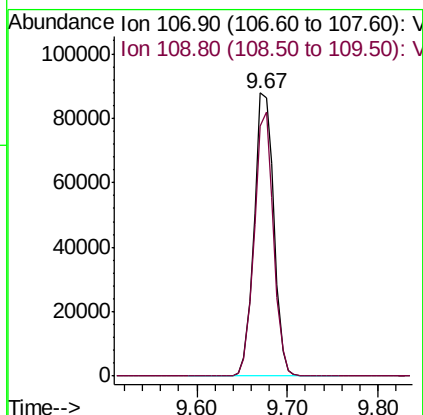
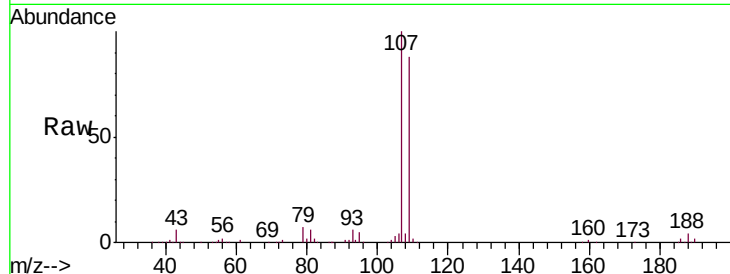




#61
 1,2-Dibromoethane
 Concen: 102.197 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

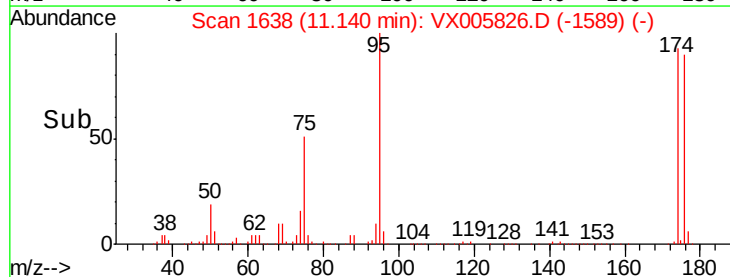
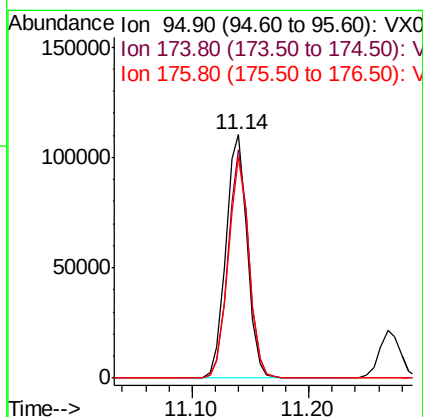
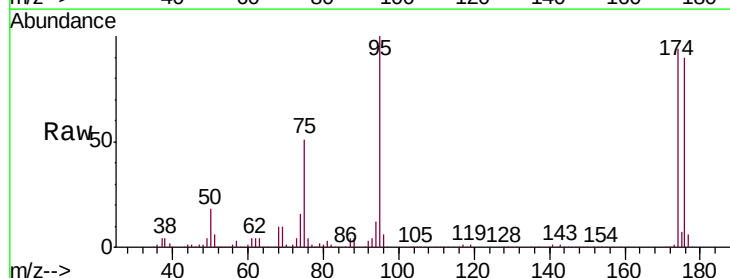
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

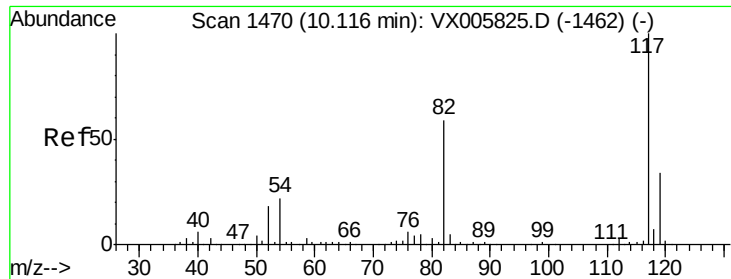
Tgt Ion: 107 Resp: 132006
 Ion Ratio Lower Upper
 107 100
 109 90.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 103.030 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 95 Resp: 139777
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 184.4
 176 88.2 0.0 177.4

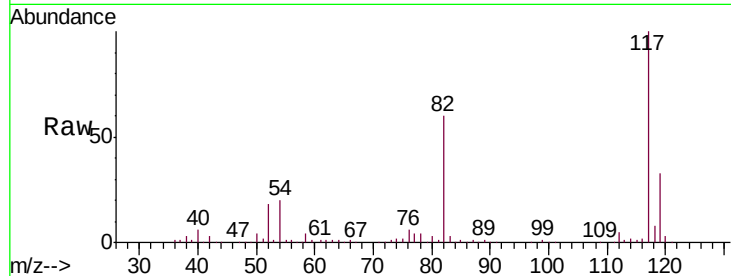




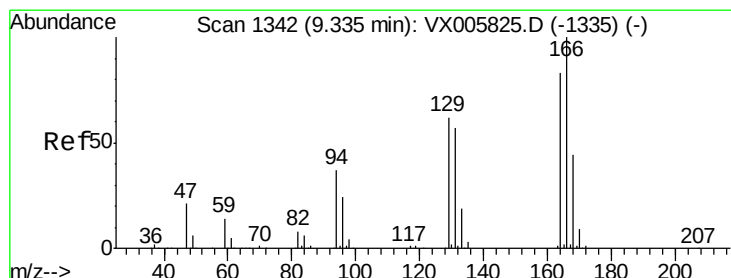
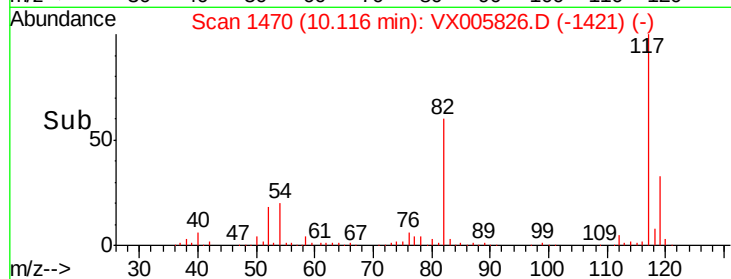
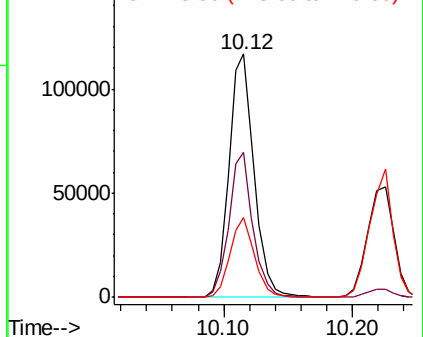
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 159382
Ion Ratio Lower Upper
117 100
82 59.6 44.1 66.1
119 32.7 26.2 39.2

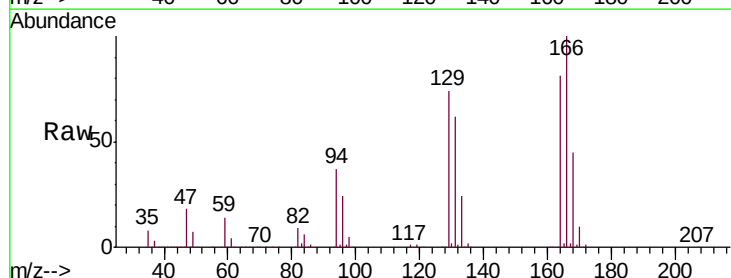


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

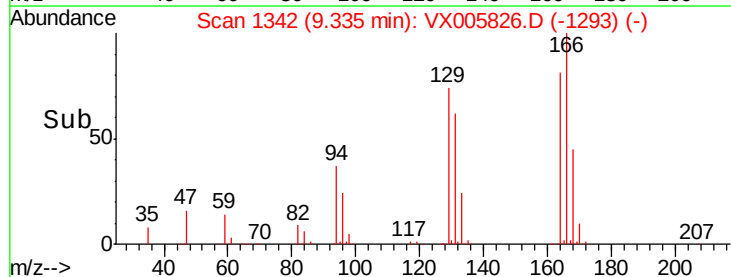
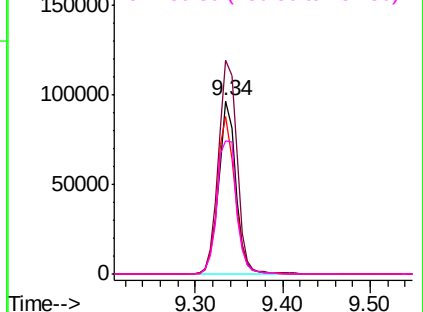


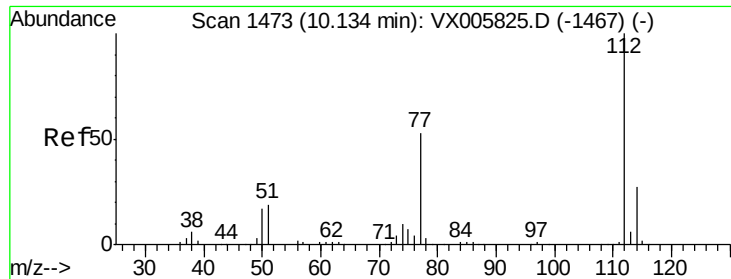
#64
Tetrachloroethene
Concen: 96.057 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion:164 Resp: 130347
Ion Ratio Lower Upper
164 100
166 123.2 101.9 152.9
129 90.8 72.6 109.0
131 76.5 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

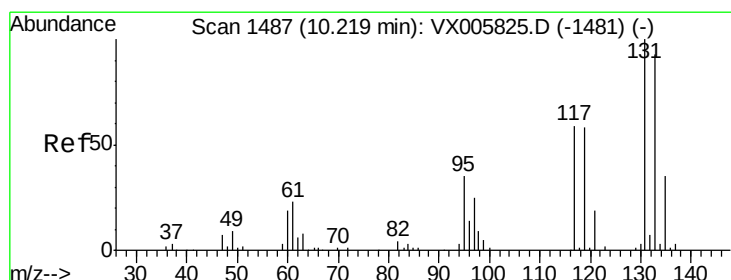
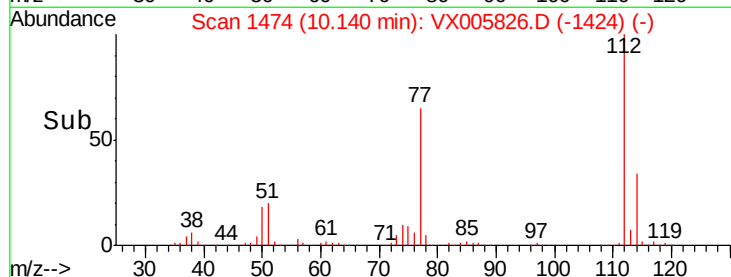
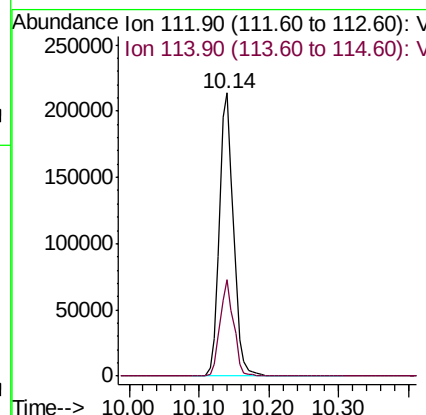
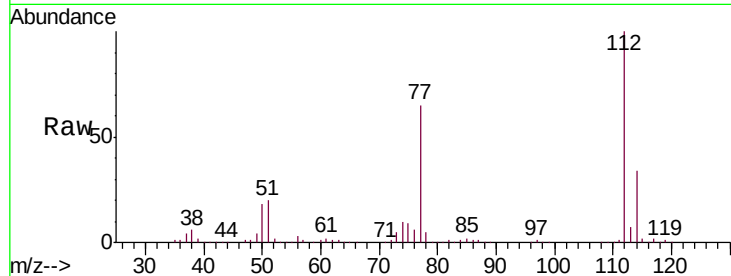




#65
Chlorobenzene
Concen: 93.788 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

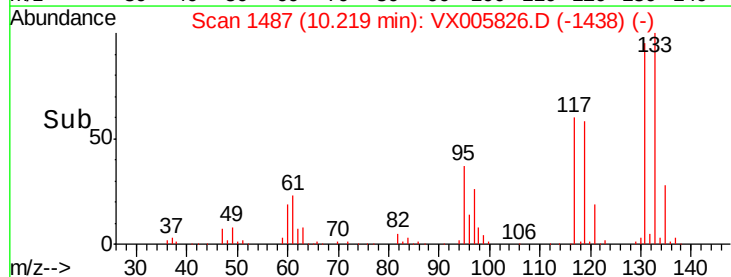
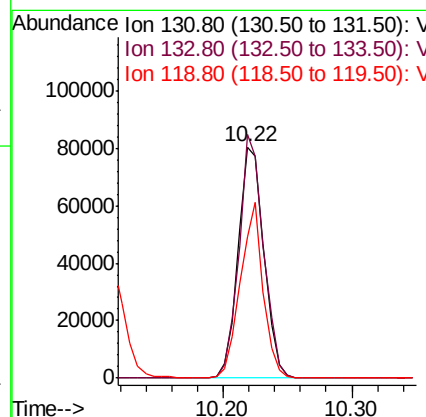
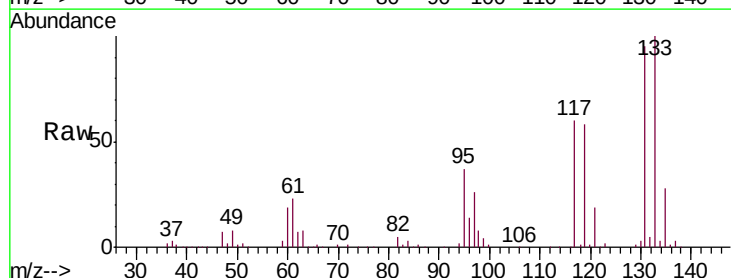
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

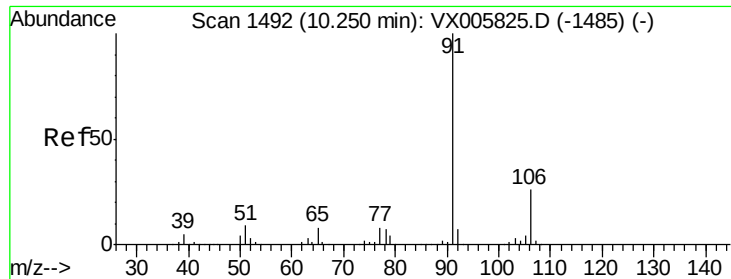
Tgt Ion:112 Resp: 299458
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 101.060 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion:131 Resp: 112181
Ion Ratio Lower Upper
131 100
133 100.0 47.5 142.5
119 67.1 31.8 95.3





#67

Ethyl Benzene

Concen: 110.853 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

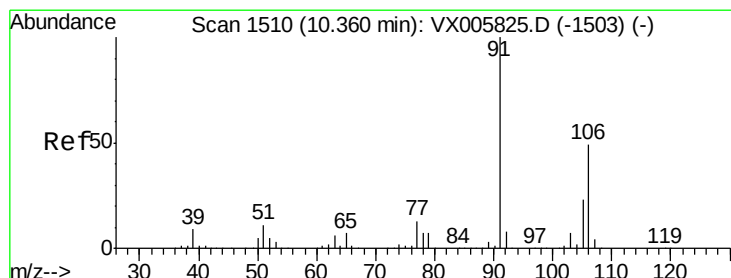
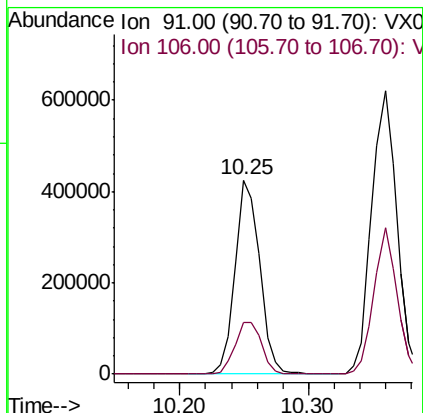
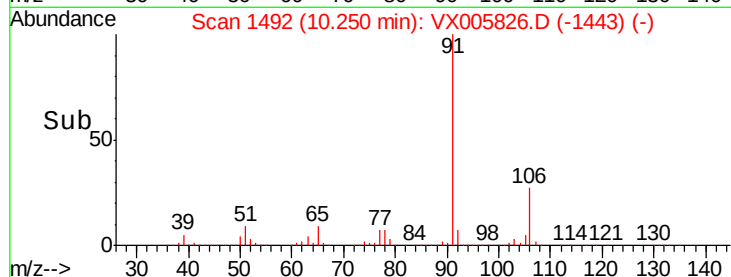
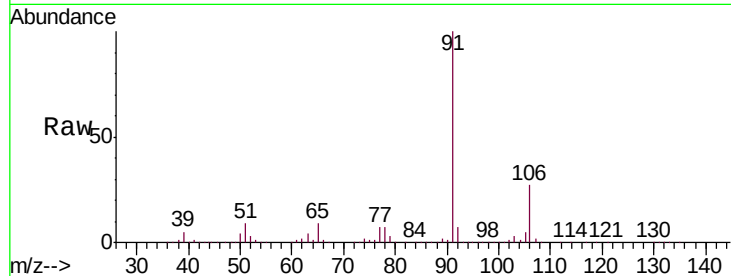
VSTDIC100

Tgt Ion: 91 Resp: 567560

Ion Ratio Lower Upper

91 100

106 26.5 24.4 36.6



#68

m/p-Xylenes

Concen: 203.839 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005826.D

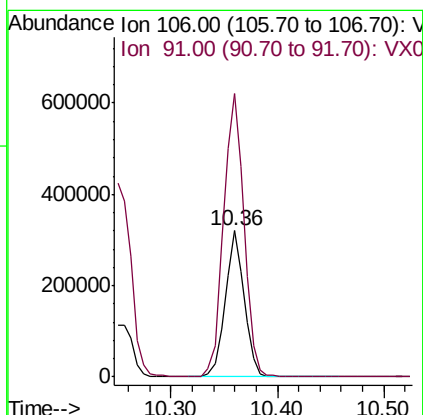
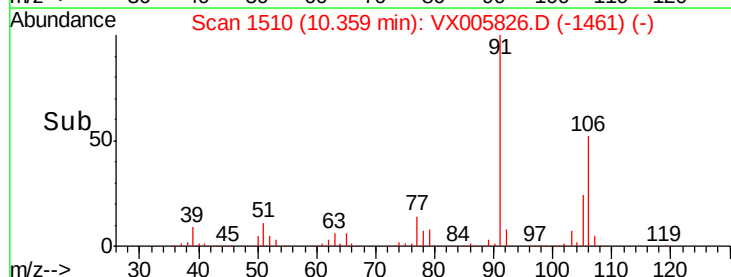
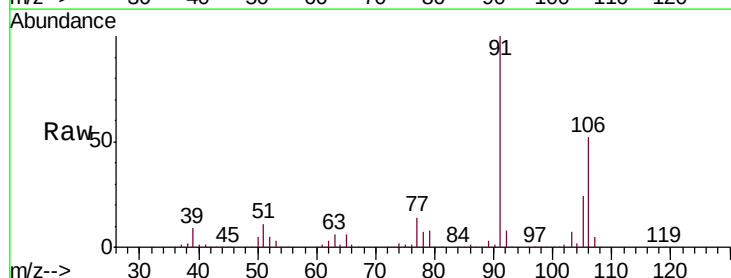
Acq: 07 Nov 2018 13:52

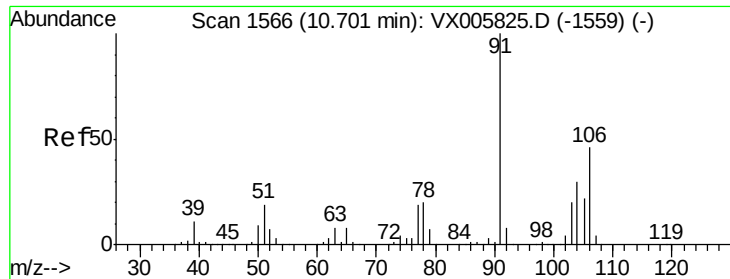
Tgt Ion: 106 Resp: 398086

Ion Ratio Lower Upper

106 100

91 209.3 164.2 246.4

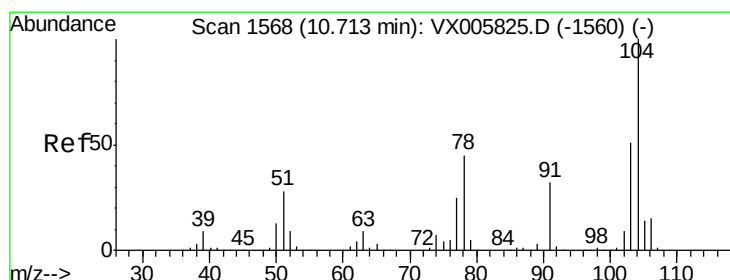
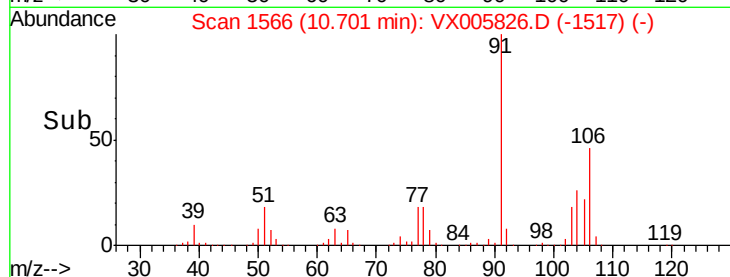
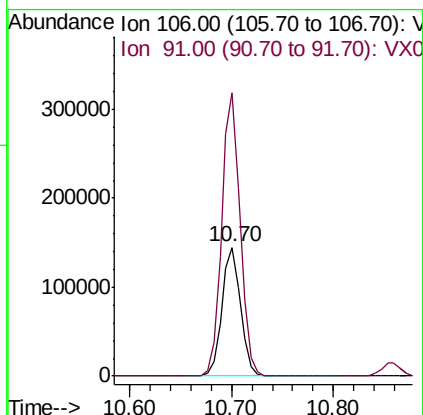
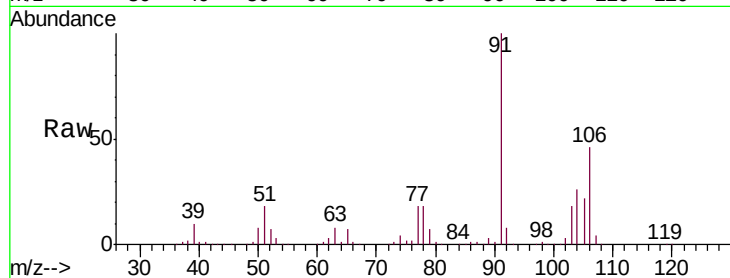




#69
o-Xylene
Concen: 104.815 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

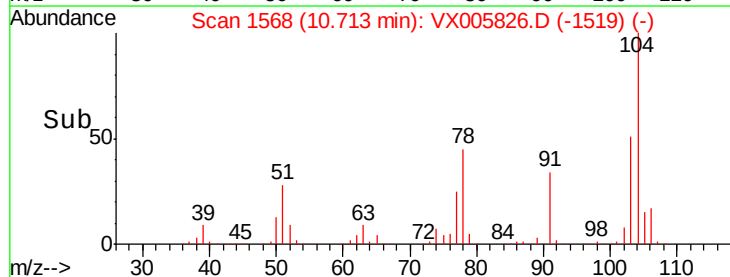
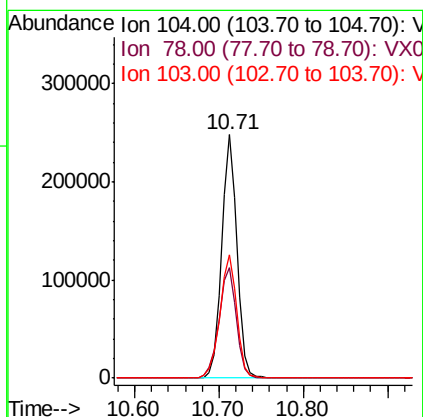
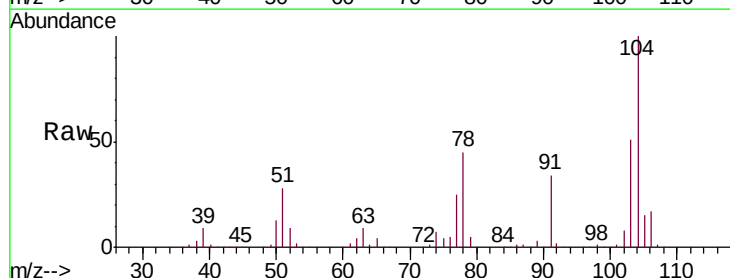
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

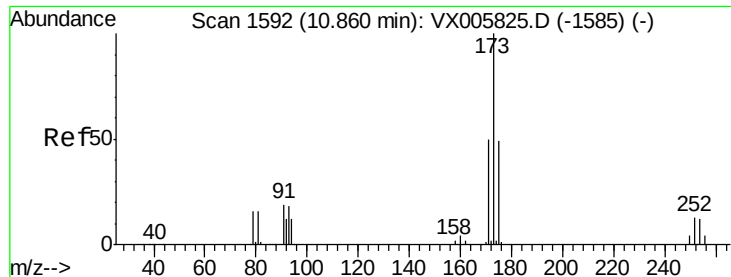
Tgt Ion:106 Resp: 183553
Ion Ratio Lower Upper
106 100
91 218.8 108.5 325.5



#70
Styrene
Concen: 107.984 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion:104 Resp: 311949
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.4
103 56.2 44.9 67.3





#71

Bromoform

Concen: 108.027 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

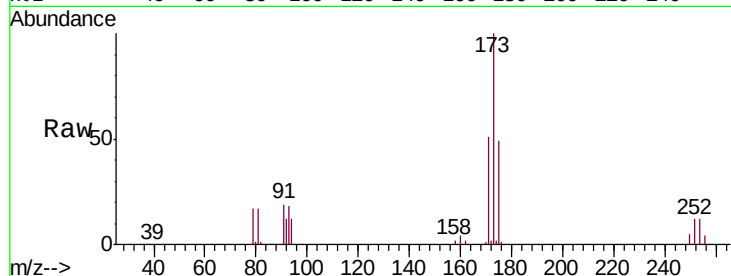
Tgt Ion:173 Resp: 100523

Ion Ratio Lower Upper

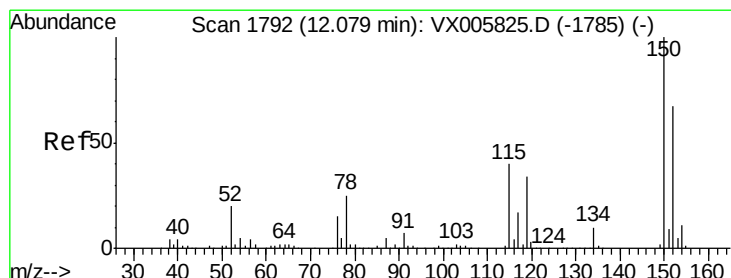
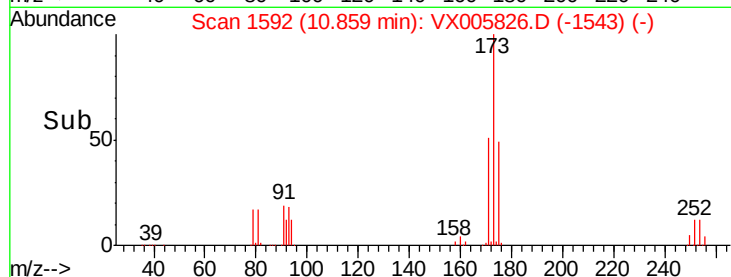
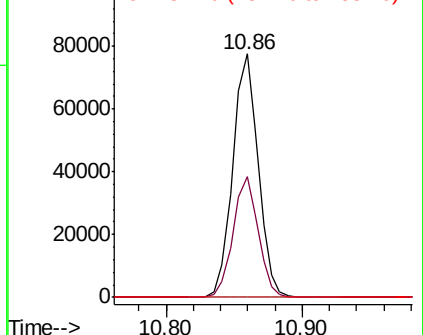
173 100

175 49.2 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: VX005826.D

Acq: 07 Nov 2018 13:52

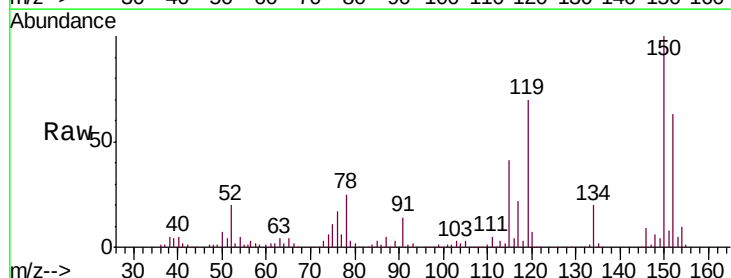
Tgt Ion:152 Resp: 83250

Ion Ratio Lower Upper

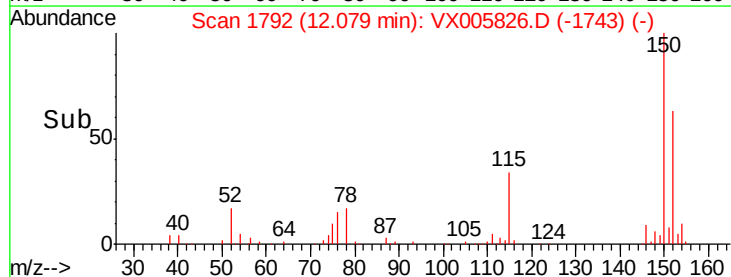
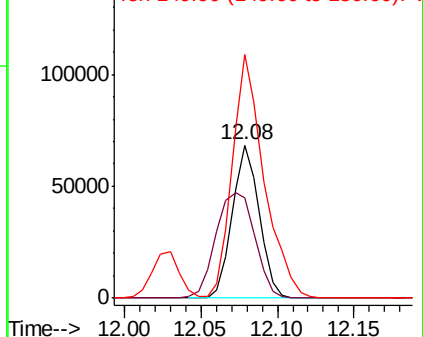
152 100

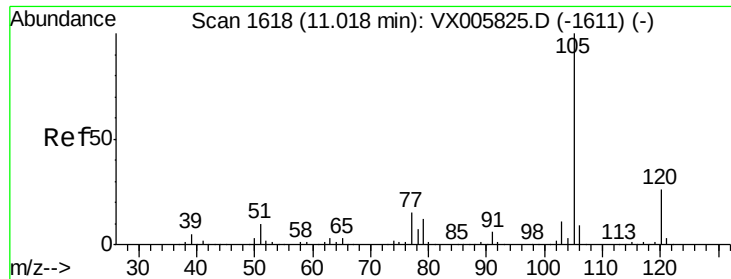
115 100.2 39.4 118.1

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: 104.612 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

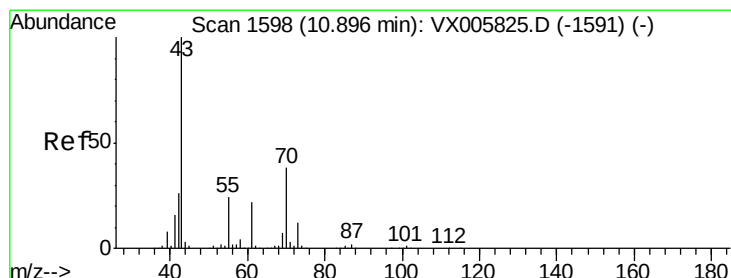
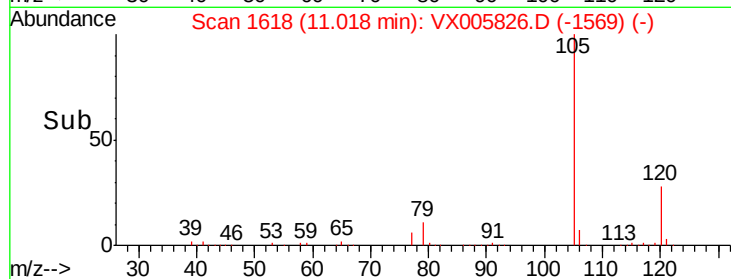
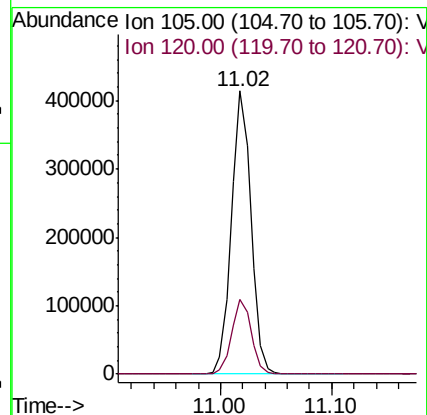
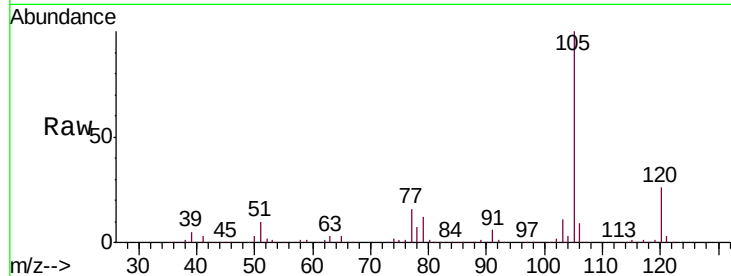
VSTDIC100

Tgt Ion:105 Resp: 503626

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 97.252 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion: 43 Resp: 265976

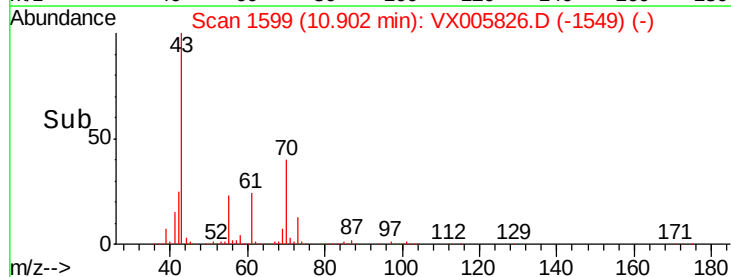
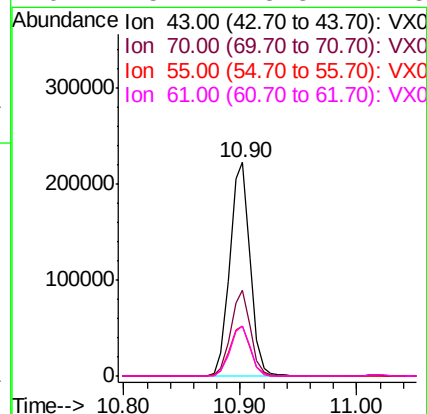
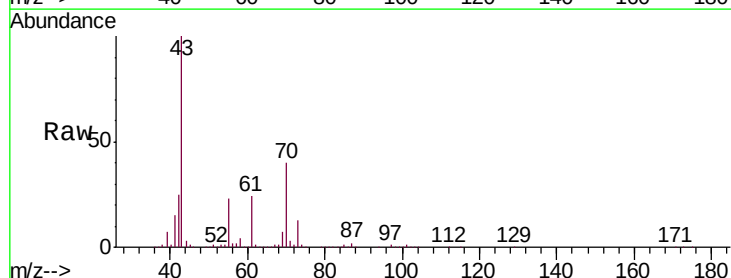
Ion Ratio Lower Upper

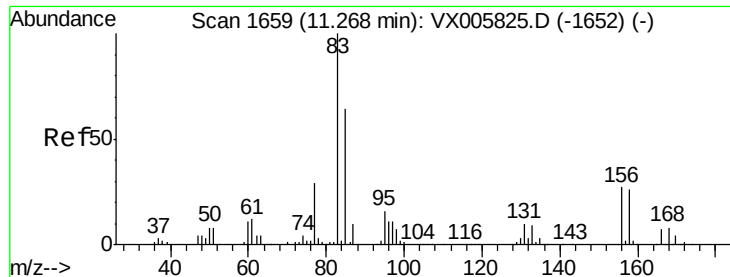
43 100

70 39.0 31.6 47.4

55 23.9 19.7 29.5

61 23.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 99.665 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

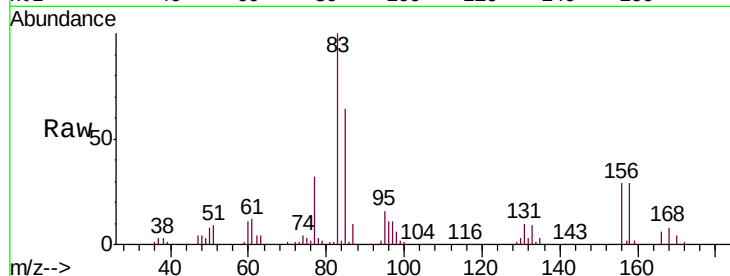
Tgt Ion: 83 Resp: 176114

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.9

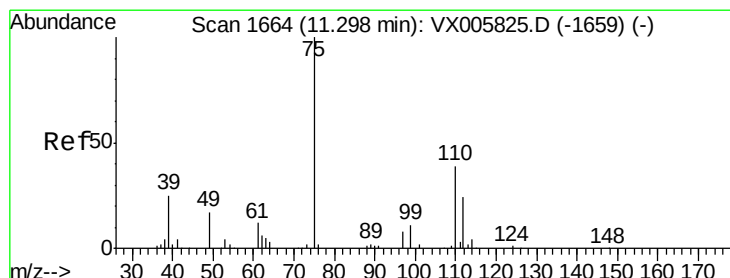
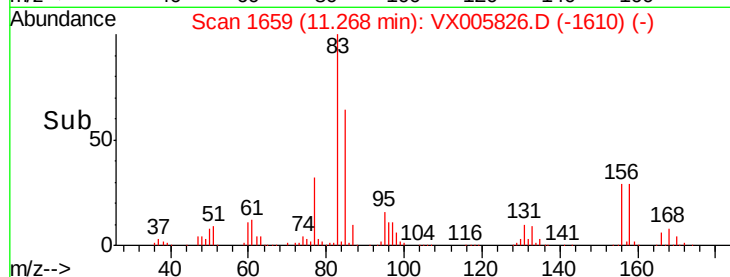
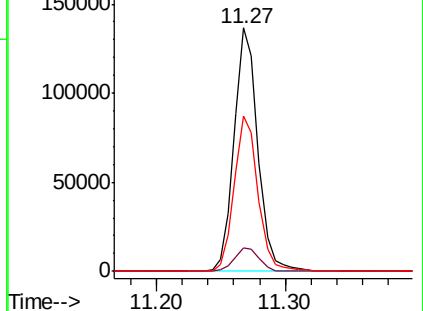
85 64.0 32.0 96.2



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: 126.874 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005826.D

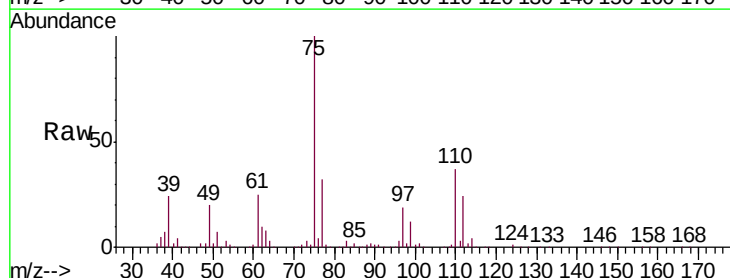
Acq: 07 Nov 2018 13:52

Tgt Ion: 75 Resp: 215070

Ion Ratio Lower Upper

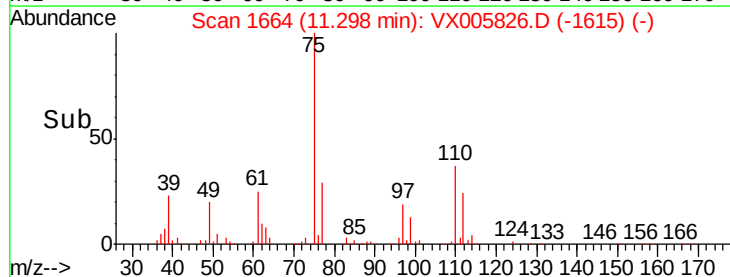
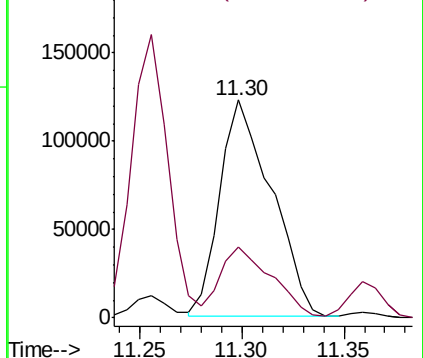
75 100

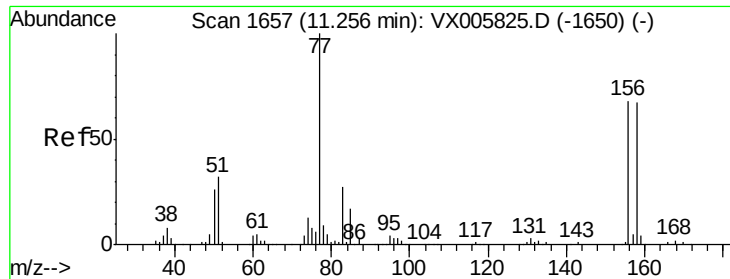
77 32.8 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 99.770 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

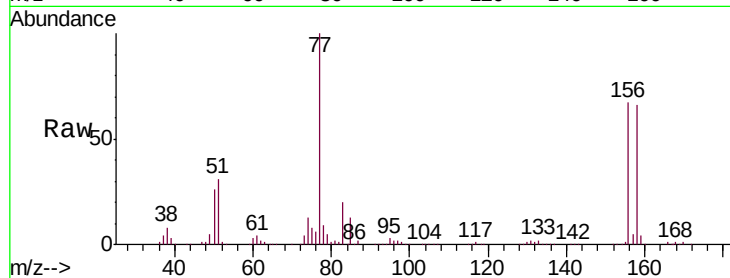
Tgt Ion:156 Resp: 135382

Ion Ratio Lower Upper

156 100

77 148.5 74.8 224.4

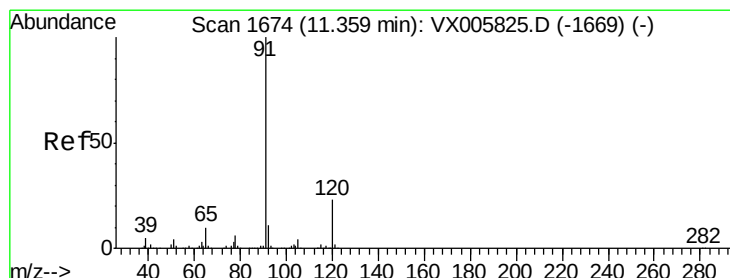
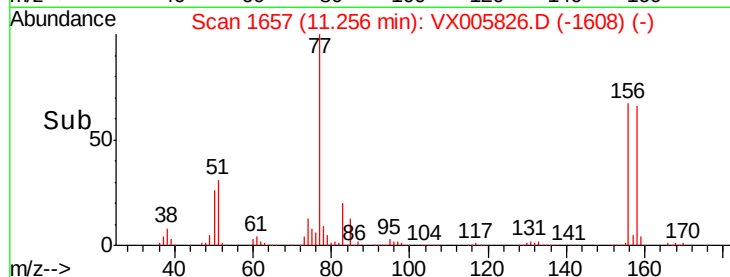
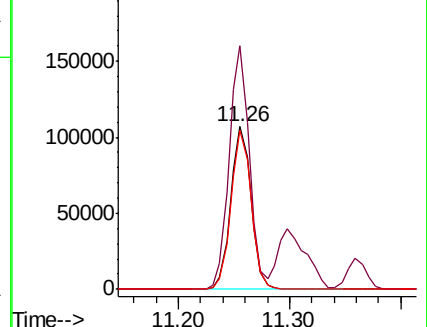
158 97.5 49.1 147.3



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: 104.989 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005826.D

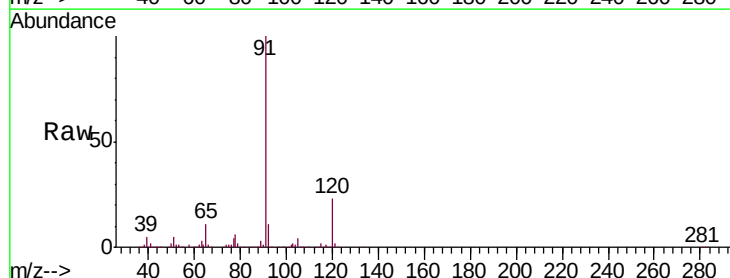
Acq: 07 Nov 2018 13:52

Tgt Ion: 91 Resp: 595678

Ion Ratio Lower Upper

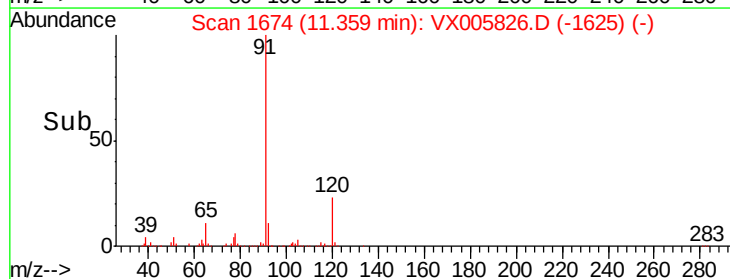
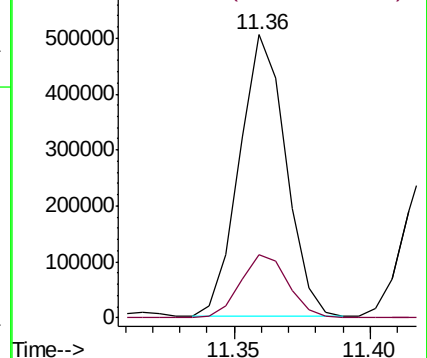
91 100

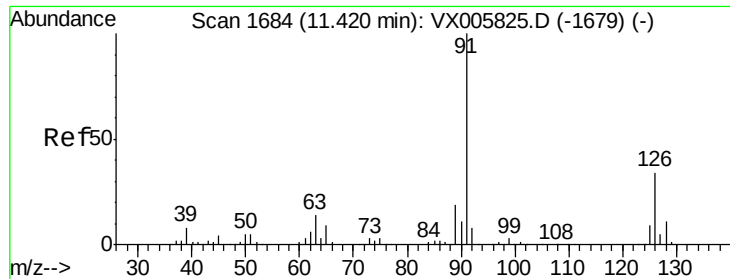
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

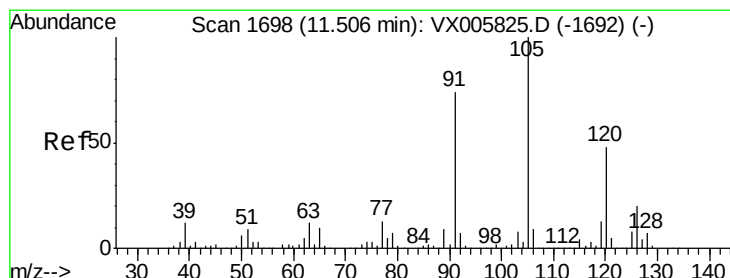
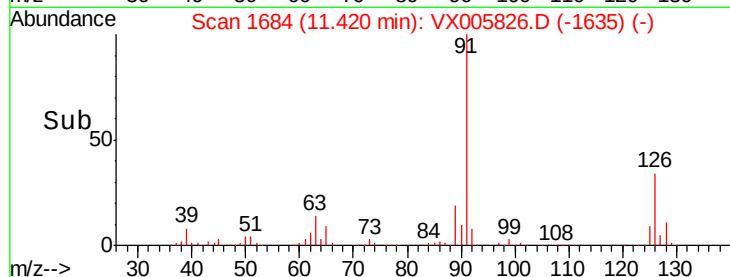
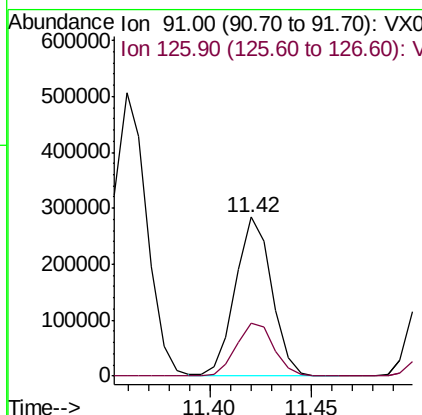
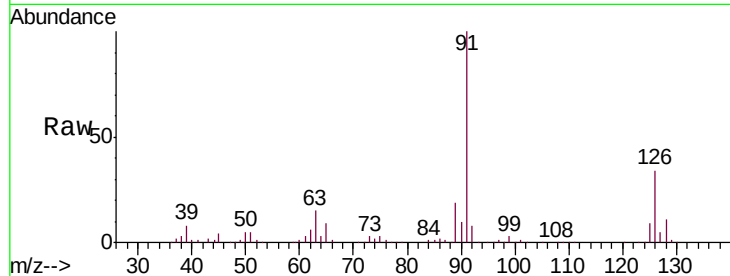




#79
 2-Chlorotoluene
 Concen: 101.904 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

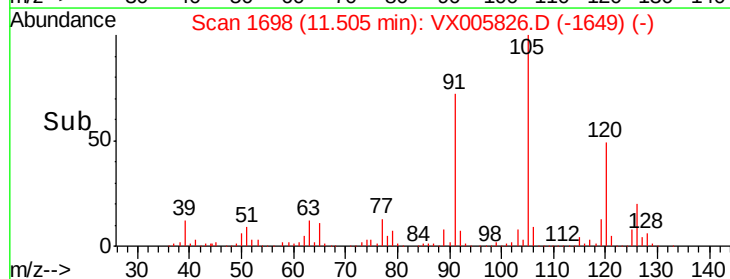
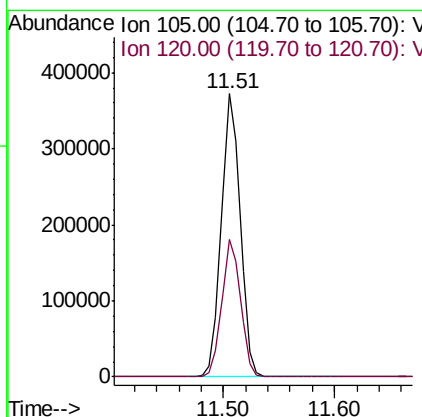
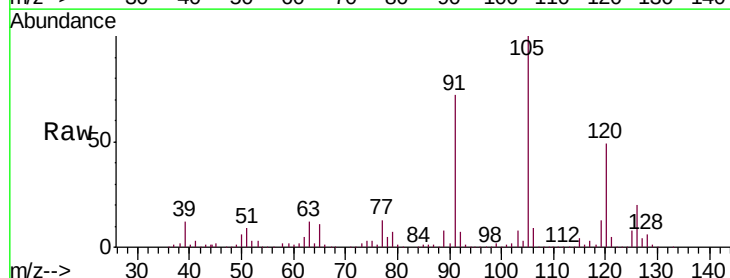
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

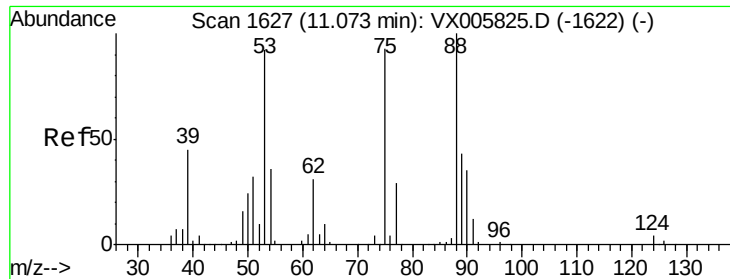
Tgt Ion: 91 Resp: 349473
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 107.248 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 105 Resp: 438766
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 108.675 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

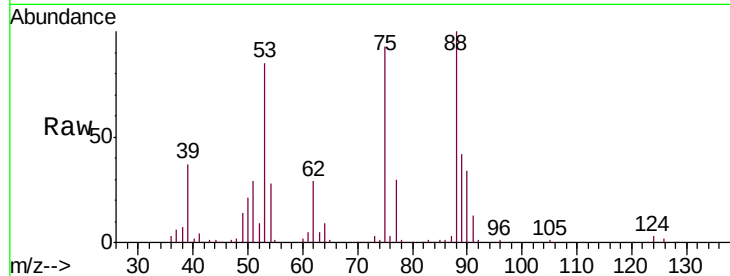
Tgt Ion: 75 Resp: 57801

Ion Ratio Lower Upper

75 100

53 97.1 80.2 120.2

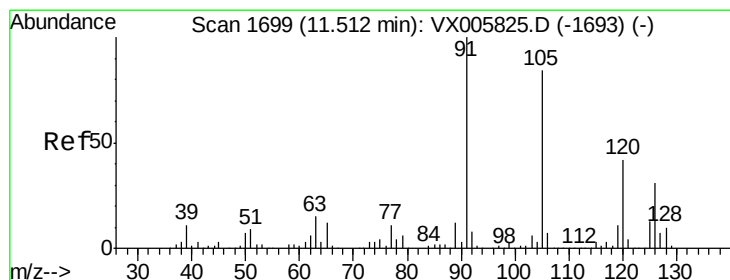
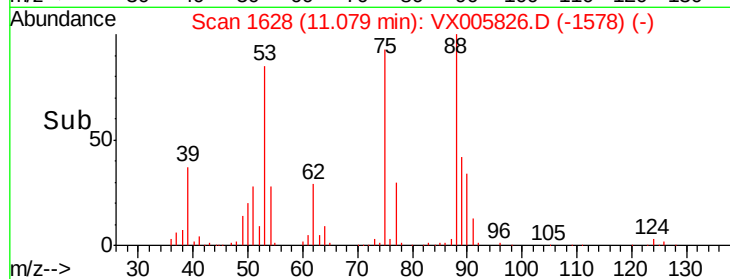
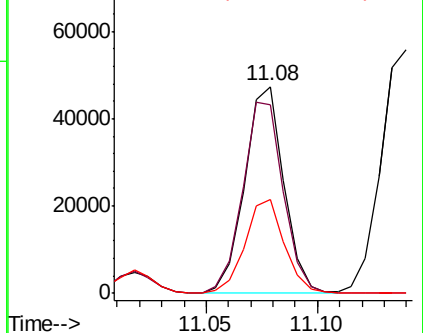
89 46.1 39.8 59.8



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: 104.722 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005826.D

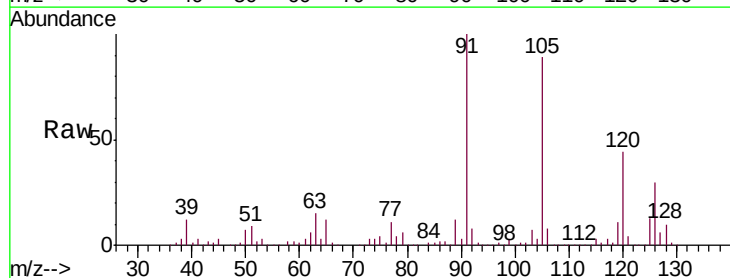
Acq: 07 Nov 2018 13:52

Tgt Ion: 91 Resp: 423255

Ion Ratio Lower Upper

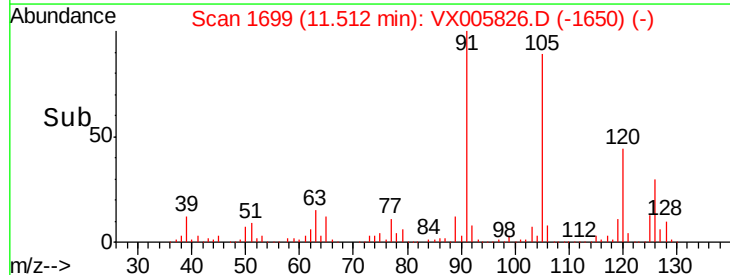
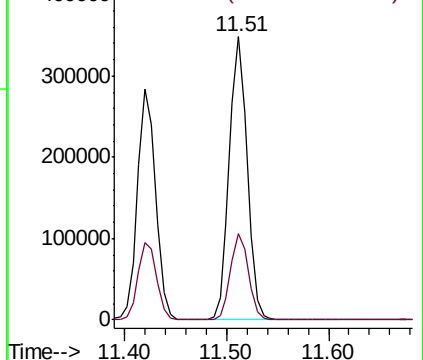
91 100

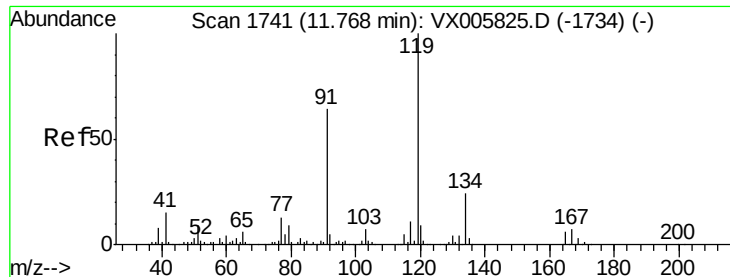
126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

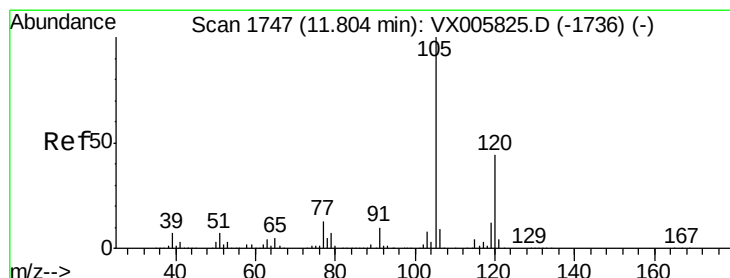
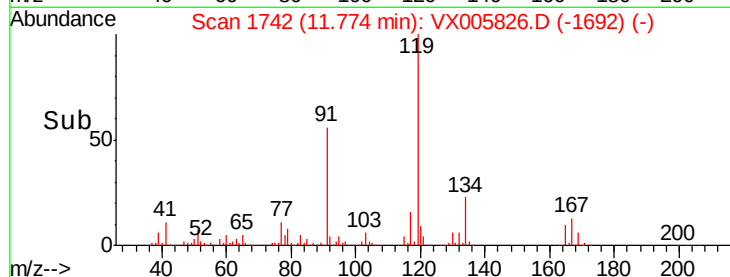
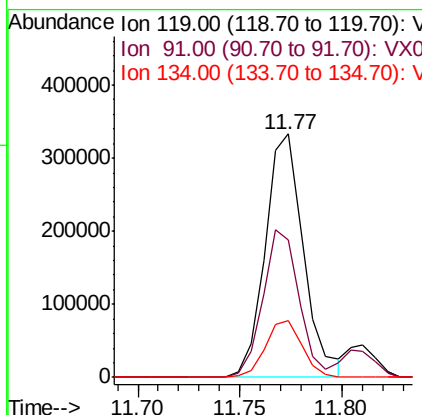
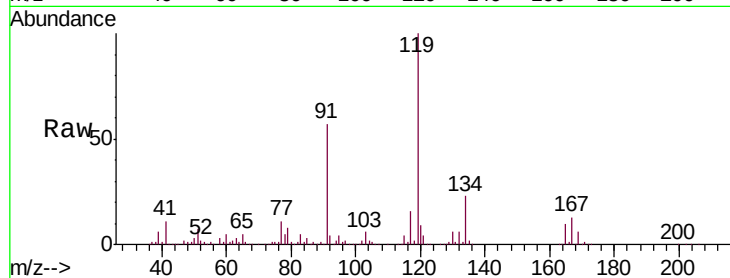




#83
 tert-Butylbenzene
 Concen: 105.443 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

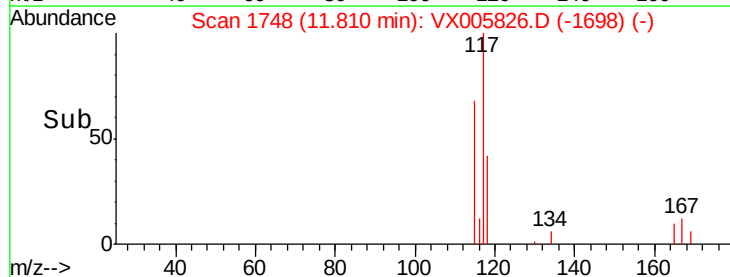
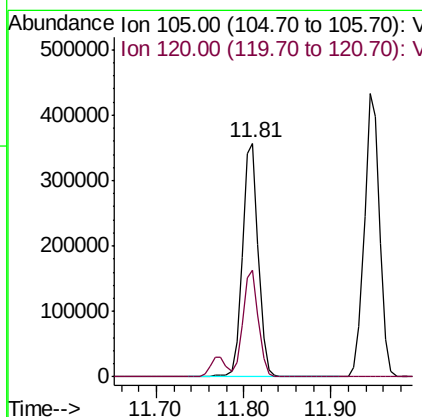
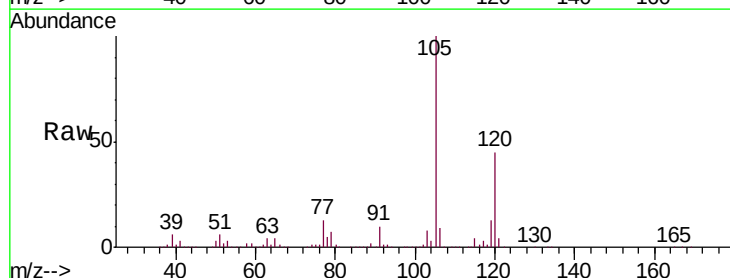
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

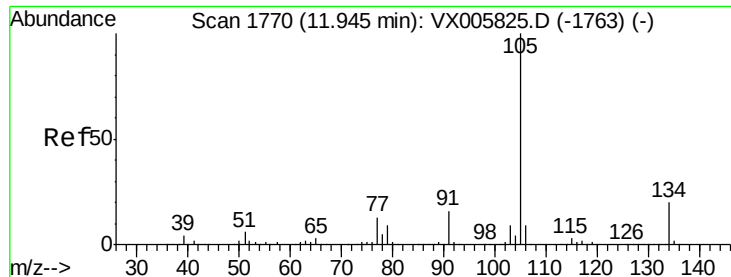
Tgt Ion:119 Resp: 436415
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.5 85.5
 134 22.4 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 99.672 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion:105 Resp: 449471
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.0





#85

sec-Butylbenzene

Concen: 104.110 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

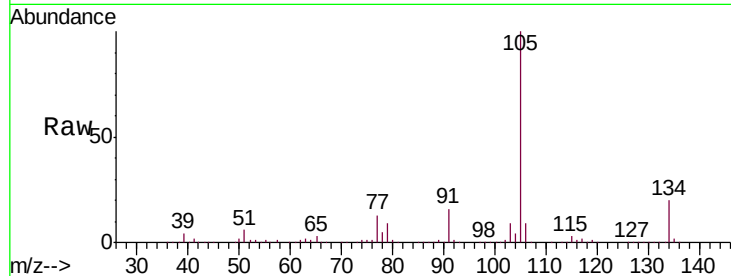
VSTDIC100

Tgt Ion:105 Resp: 526925

Ion Ratio Lower Upper

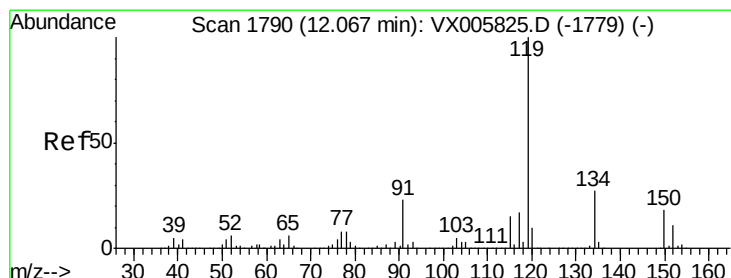
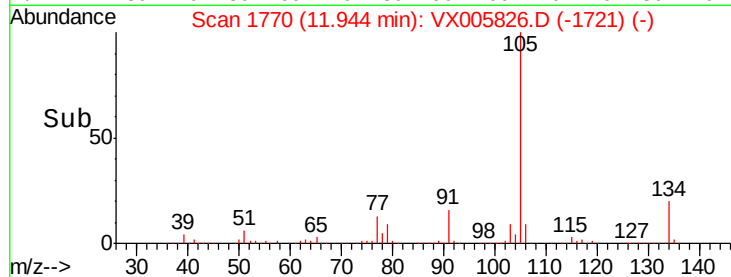
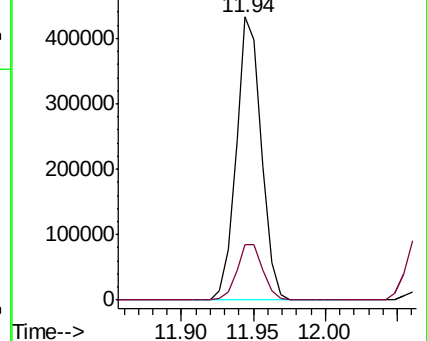
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 106.969 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

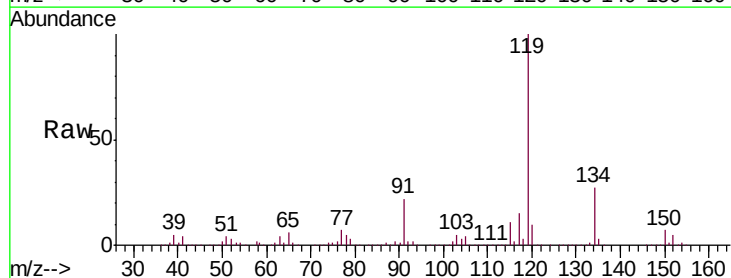
Tgt Ion:119 Resp: 479558

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

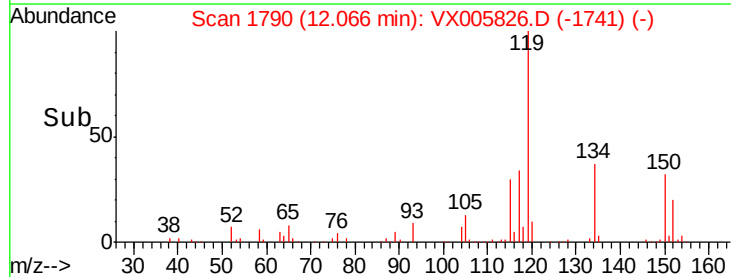
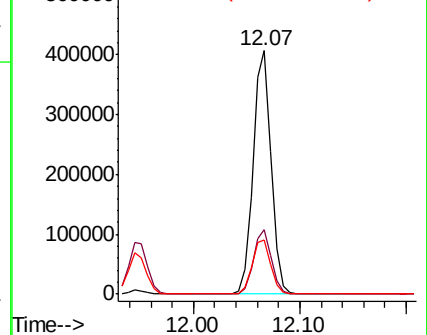
91 23.1 11.4 34.2

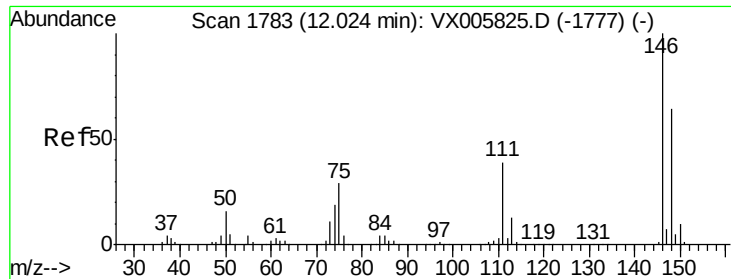


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

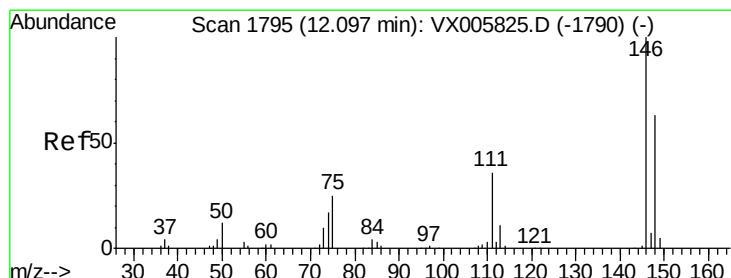
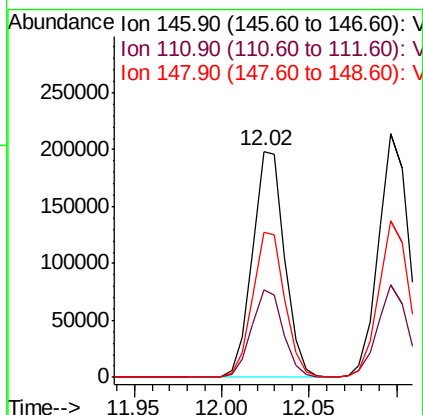
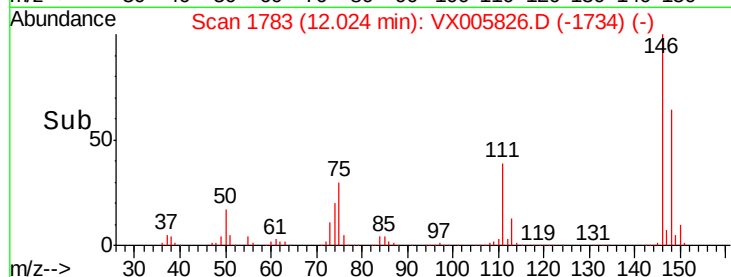
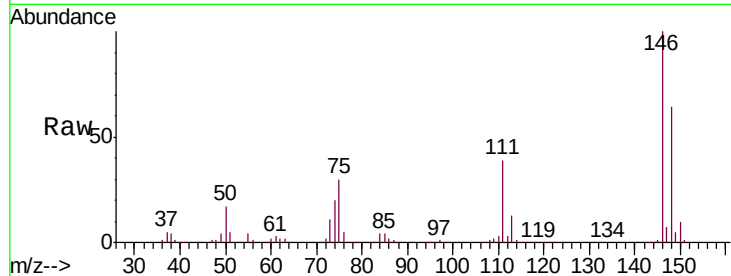




#87
 1,3-Dichlorobenzene
 Concen: 97.367 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

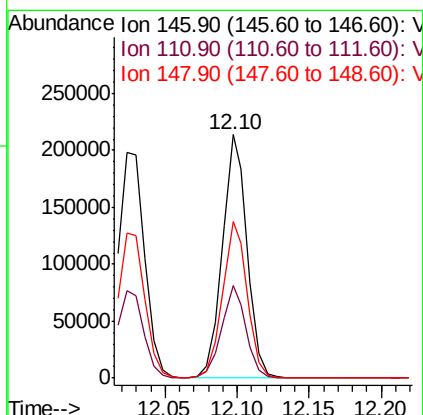
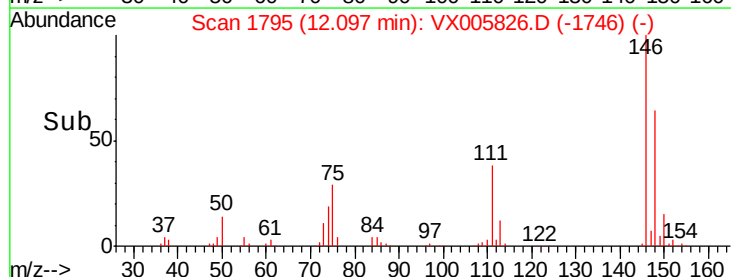
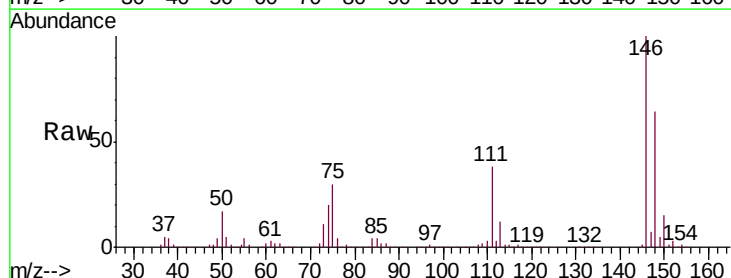
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

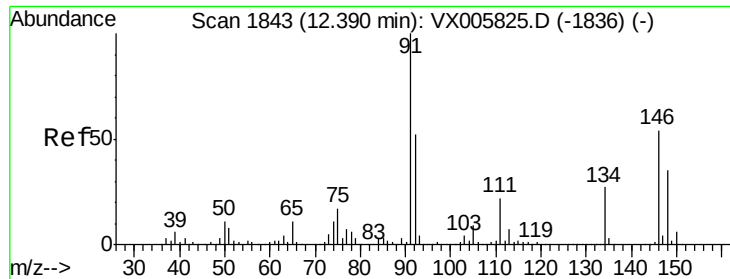
Tgt Ion:146 Resp: 253561
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 96.603 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion:146 Resp: 257533
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 64.5 32.1 96.3

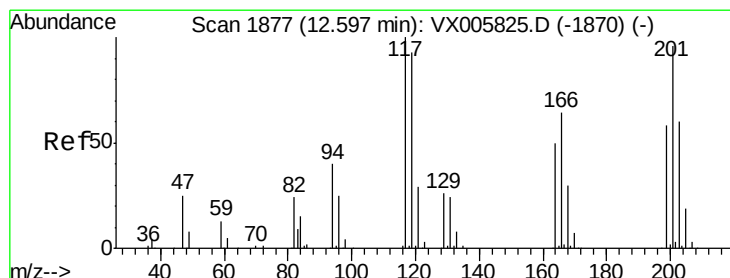
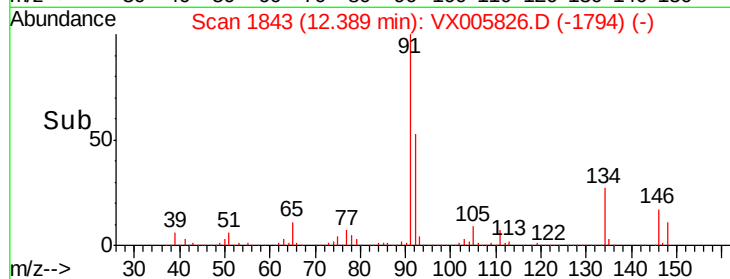
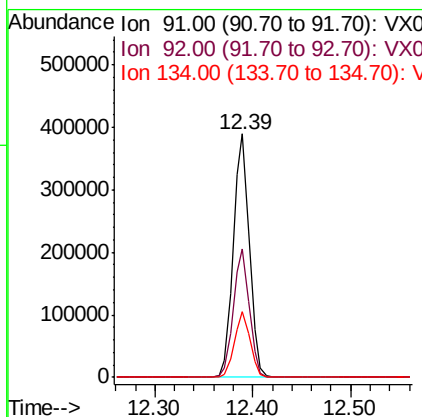
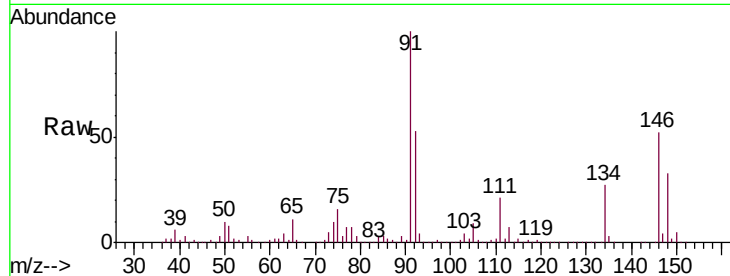




#89
n-Butylbenzene
Concen: 106.495 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

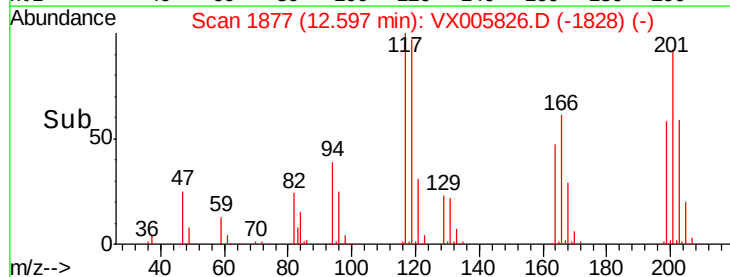
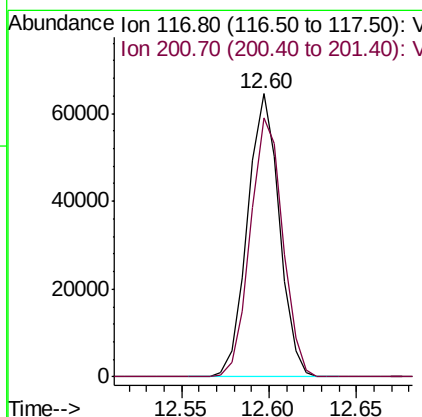
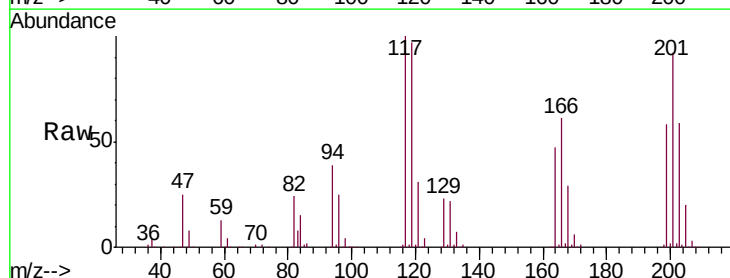
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

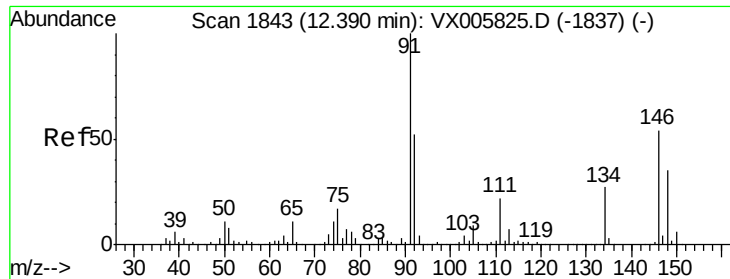
Tgt Ion: 91 Resp: 442487
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.2
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 108.642 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion: 117 Resp: 81317
Ion Ratio Lower Upper
117 100
201 93.8 47.9 143.6

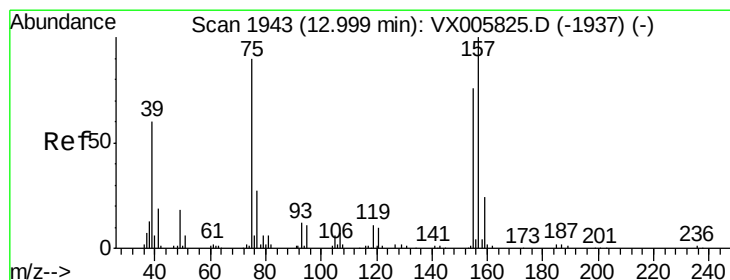
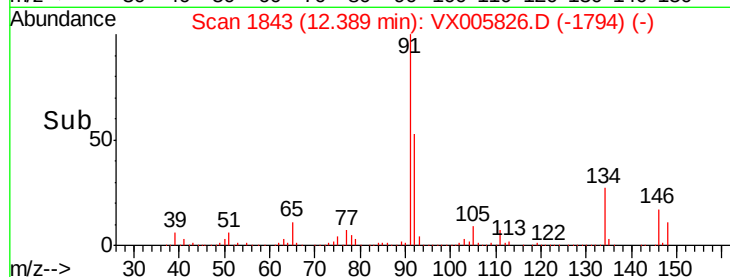
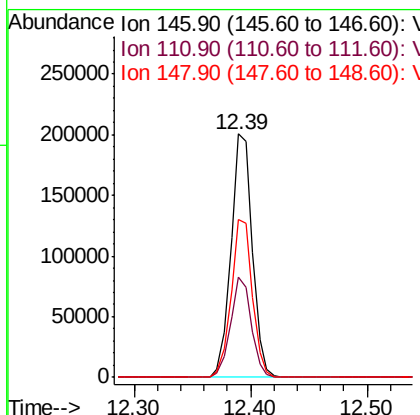
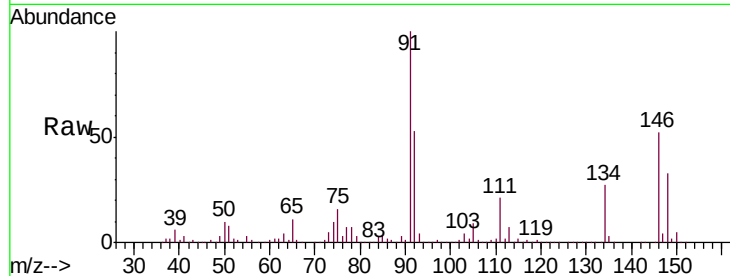




#91
 1,2-Dichlorobenzene
 Concen: 97.774 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

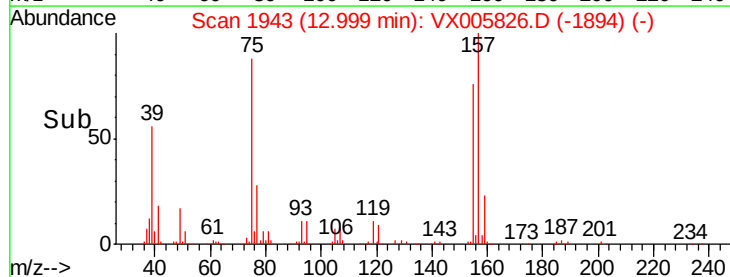
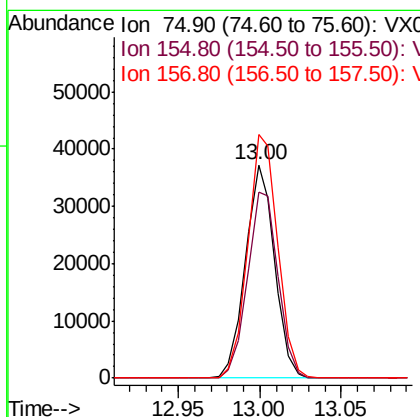
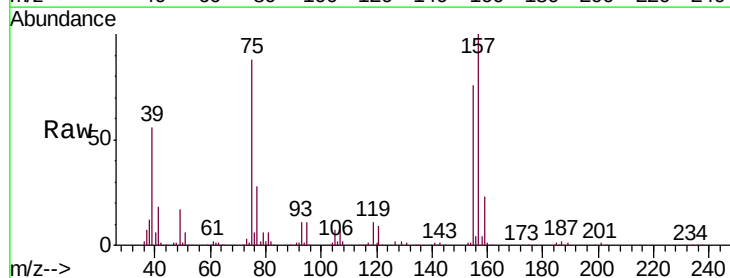
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

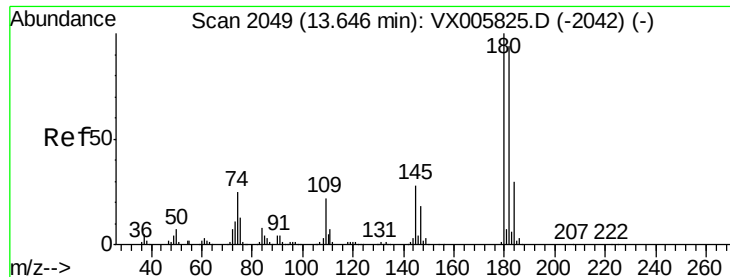
Tgt Ion:146 Resp: 255072
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 64.5 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 107.705 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 75 Resp: 46443
 Ion Ratio Lower Upper
 75 100
 155 91.1 45.4 136.1
 157 117.4 57.4 172.0

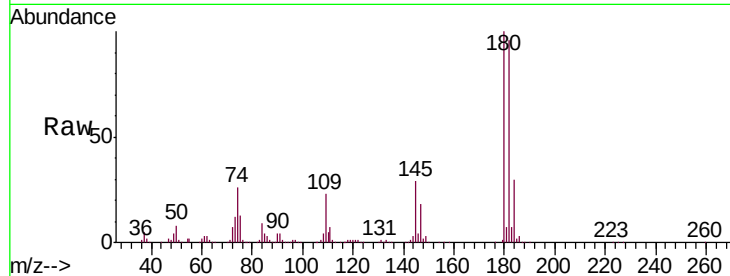




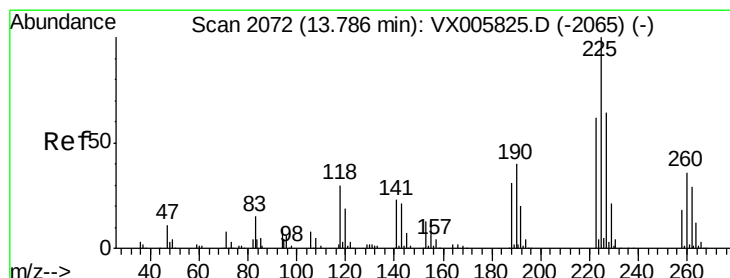
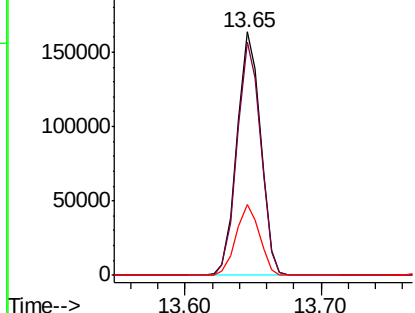
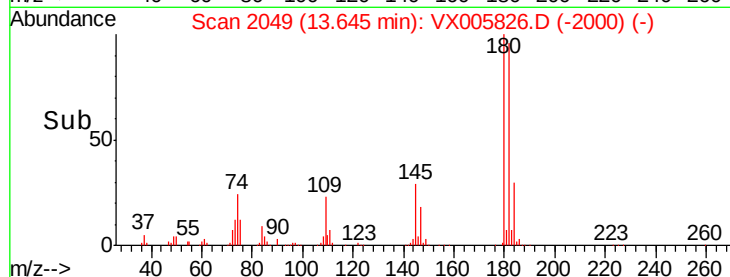
#93
 1,2,4-Trichlorobenzene
 Concen: 107.895 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 198152
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.8
 145 28.7 14.1 42.2

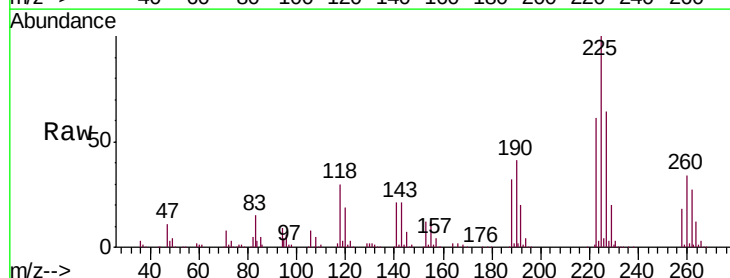


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

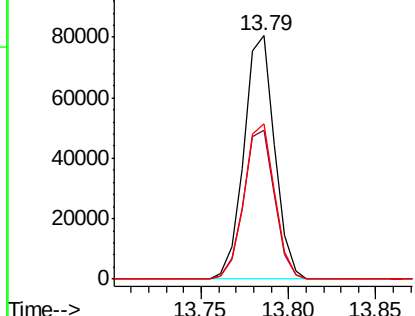
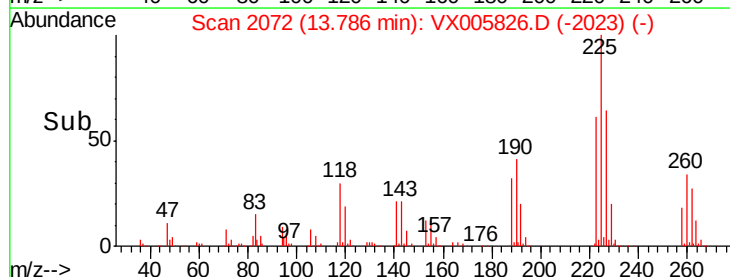


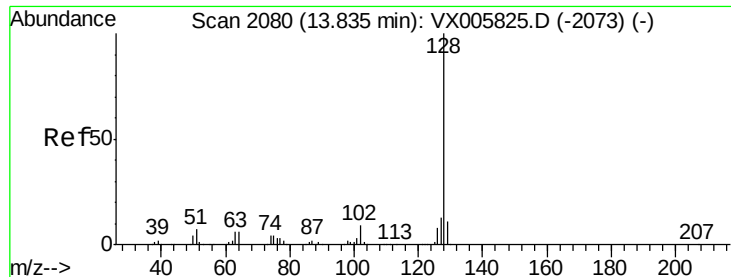
#94
 Hexachlorobutadiene
 Concen: 101.313 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion:225 Resp: 97738
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.7 95.1
 227 63.8 32.3 96.9



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





#95

Naphthalene

Concen: 100.377 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

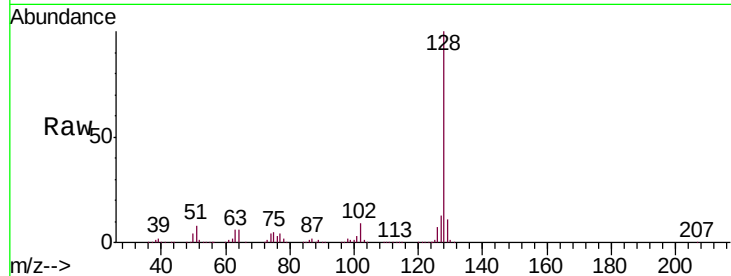
Tgt Ion:128 Resp: 608470

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

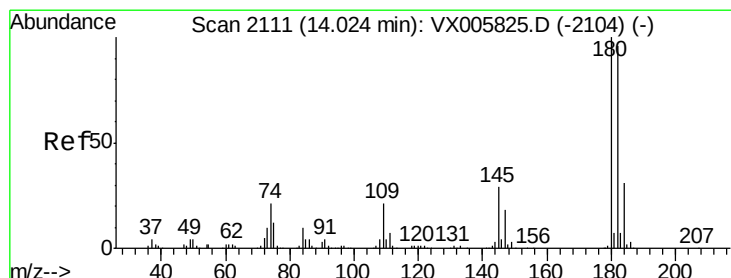
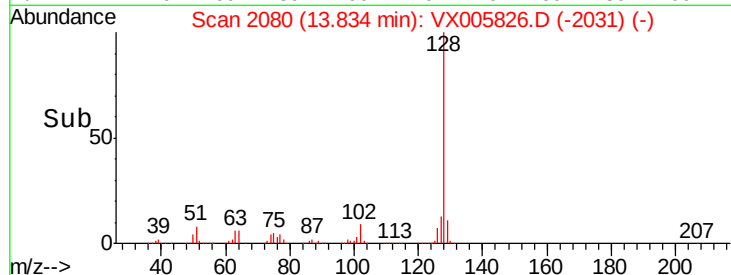
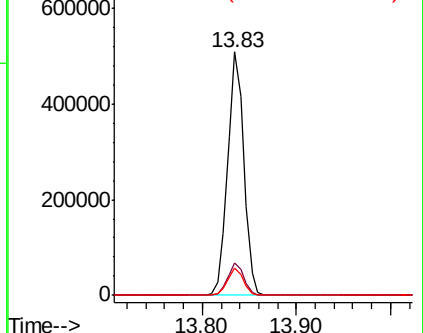
129 11.0 8.7 13.1



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: 107.437 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

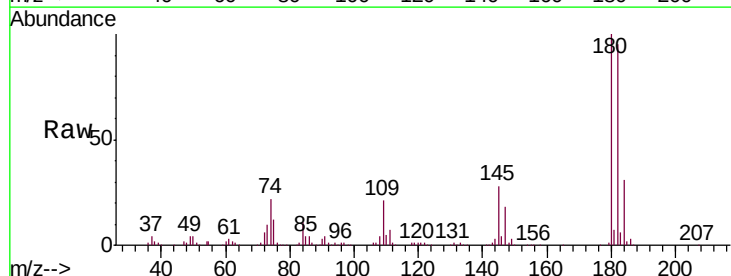
Tgt Ion:180 Resp: 201016

Ion Ratio Lower Upper

180 100

182 95.0 48.0 144.2

145 29.7 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

