

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001128.D
 Acq On : 25 Apr 2018 19:03
 Operator : JC/MD
 Sample : VX0425WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:39:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189107	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	137285	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
35) Dibromofluoromethane	5.51	113	110254	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	8.72	98	384774	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	157327	44.21	ug/l	0.00
Spiked Amount			Recovery	=	88.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	55585	20.357	ug/l	98
3) Chloromethane	1.32	50	46641	18.344	ug/l	98
4) Vinyl Chloride	1.40	62	50817	19.284	ug/l	99
5) Bromomethane	1.64	94	36285	21.684	ug/l	99
6) Chloroethane	1.73	64	31342	20.015	ug/l	100
7) Trichlorofluoromethane	1.93	101	85054	21.482	ug/l	99
8) Diethyl Ether	2.19	74	31115	21.278	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47447	20.454	ug/l	99
10) Methyl Iodide	2.51	142	27816	17.904	ug/l	98
11) Tert butyl alcohol	3.08	59	56597	134.465	ug/l	98
12) 1,1-Dichloroethene	2.38	96	43067	20.077	ug/l	98
13) Acrolein	2.30	56	21119	164.945	ug/l	99
14) Allyl chloride	2.73	41	79639	20.514	ug/l	97
15) Acrylonitrile	3.15	53	133353	117.067	ug/l	100
16) Acetone	2.45	43	134959	128.419	ug/l	99
17) Carbon Disulfide	2.57	76	97259	15.909	ug/l	99
18) Methyl Acetate	2.78	43	87243	27.434	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	162321	22.509	ug/l	98
20) Methylene Chloride	2.86	84	49189	21.329	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	46400	19.430	ug/l	98
22) Diisopropyl ether	3.88	45	156478	20.822	ug/l	98
23) Vinyl Acetate	3.83	43	638845	102.682	ug/l	98
24) 1,1-Dichloroethane	3.70	63	85540	20.293	ug/l	100
25) 2-Butanone	4.72	43	192705	117.463	ug/l	100
26) 2,2-Dichloropropane	4.59	77	67773	18.690	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	53241	20.015	ug/l	98
28) Bromochloromethane	5.03	49	35040	21.616	ug/l	97
29) Tetrahydrofuran	5.18	42	118158	113.975	ug/l	100
30) Chloroform	5.23	83	90517	20.734	ug/l	100
31) Cyclohexane	5.58	56	72817	18.507	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	78123	19.959	ug/l	97
36) 1,1-Dichloropropene	5.81	75	63422	17.946	ug/l	99
37) Ethyl Acetate	4.87	43	70194	21.652	ug/l	100
38) Carbon Tetrachloride	5.79	117	66741	18.650	ug/l	96

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Quant Time: Apr 26 04:39:24 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74386	18.083	ug/l	99
40) Benzene	6.15	78	193048	19.648	ug/l	97
41) Methacrylonitrile	5.07	41	42320	20.905	ug/l	99
42) 1,2-Dichloroethane	6.21	62	79506	21.081	ug/l	99
43) Isopropyl Acetate	6.48	43	117037	21.043	ug/l	98
44) Trichloroethene	7.22	130	56565	18.843	ug/l	98
45) 1,2-Dichloropropane	7.53	63	51486	20.839	ug/l	100
46) Dibromomethane	7.67	93	35501	20.566	ug/l	99
47) Bromodichloromethane	7.91	83	63348	19.809	ug/l	98
48) Methyl methacrylate	7.79	41	62209	20.773	ug/l	98
49) 1,4-Dioxane	7.76	88	21669	492.041	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	388643	115.086	ug/l	98
52) Toluene	8.79	92	124093	19.350	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	73690	19.268	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	68918	19.110	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	53359	20.934	ug/l	97
56) Ethyl methacrylate	9.19	69	77454	20.689	ug/l	97
57) 1,3-Dichloropropane	9.38	76	86680	20.528	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	194300	106.340	ug/l	100
59) 2-Hexanone	9.51	43	293729	113.636	ug/l	97
60) Dibromochloromethane	9.59	129	52639	19.663	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56307	20.932	ug/l	98
64) Tetrachloroethene	9.34	164	60857	20.076	ug/l	97
65) Chlorobenzene	10.15	112	149725	19.699	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	52638	20.177	ug/l	99
67) Ethyl Benzene	10.26	91	244680	19.385	ug/l	97
68) m/p-Xylenes	10.37	106	189818	38.156	ug/l	96
69) o-Xylene	10.70	106	94433	19.690	ug/l	99
70) Styrene	10.72	104	155007	19.625	ug/l	99
71) Bromoform	10.87	173	41127	18.736	ug/l	100
73) Isopropylbenzene	11.02	105	256151	20.719	ug/l	100
74) N-amyl acetate	6.48	43	117037	22.130	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	80160	22.904	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87224	26.585	ug/l	87
77) Bromobenzene	11.26	156	72267	20.138	ug/l	97
78) n-propylbenzene	11.37	91	284082	20.016	ug/l	100
79) 2-Chlorotoluene	11.43	91	173546	20.693	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	214460	20.464	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16528	17.700	ug/l #	84
82) 4-Chlorotoluene	11.52	91	203083	20.040	ug/l	99
83) tert-Butylbenzene	11.77	119	218444	20.662	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	222980	20.675	ug/l	99
85) sec-Butylbenzene	11.95	105	260984	20.681	ug/l	100
86) p-Isopropyltoluene	12.07	119	237715	20.363	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	133186	19.825	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135012	19.579	ug/l	98
89) n-Butylbenzene	12.40	91	202605	19.506	ug/l	99
90) Hexachloroethane	12.60	117	32789	19.822	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132291	20.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16598	22.639	ug/l	96

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QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

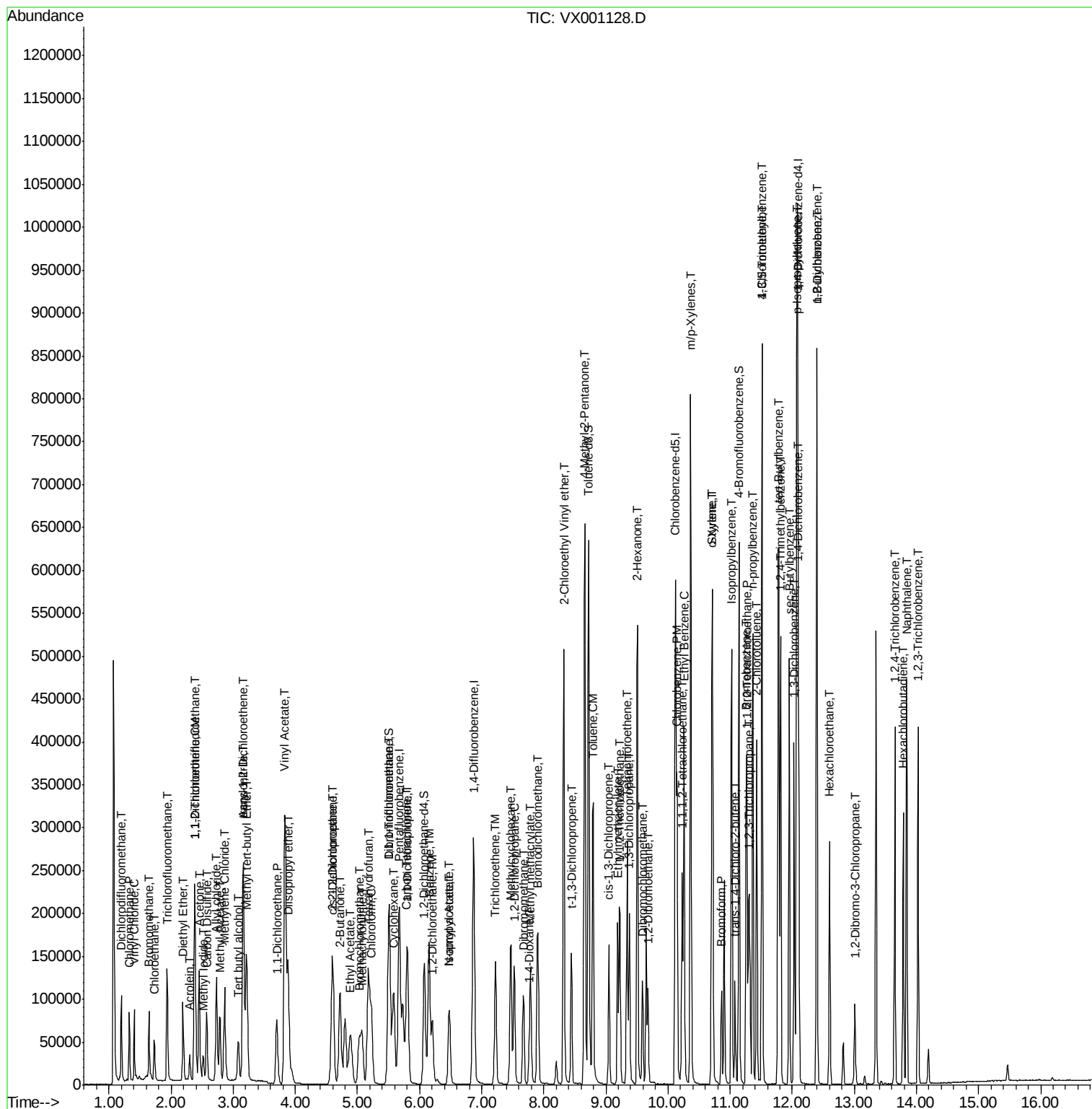
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103130	18.889	ug/l	99
94) Hexachlorobutadiene	13.79	225	51342	20.783	ug/l	98
95) Naphthalene	13.84	128	291467	21.707	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106466	20.162	ug/l	98

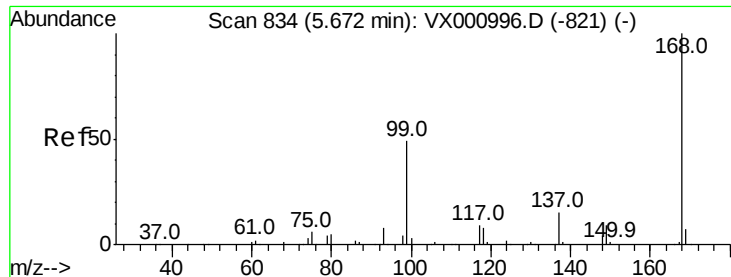
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampled :

Quant Time: Apr 26 04:39:24 2018
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

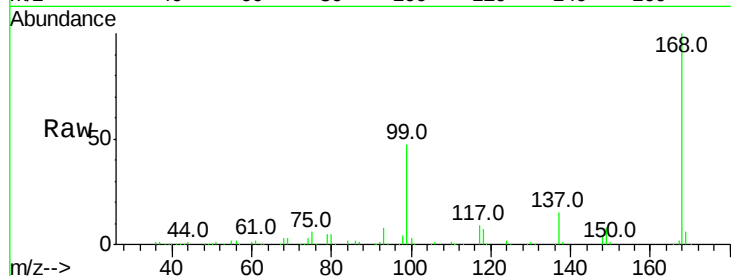
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 220167

Ion Ratio Lower Upper

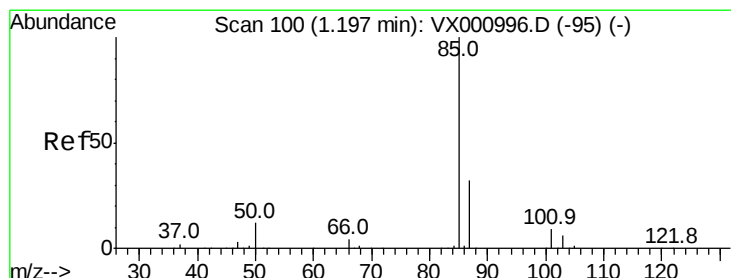
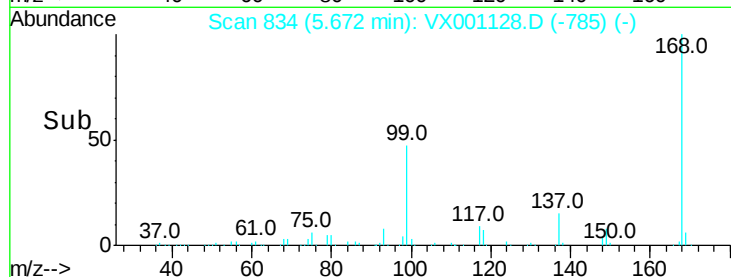
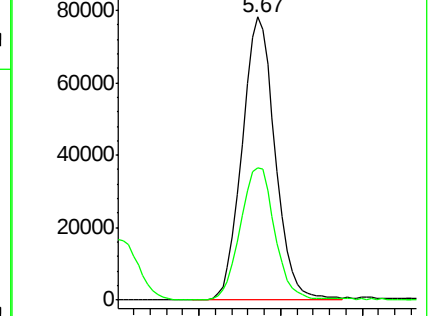
168 100

99 46.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.357 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001128.D

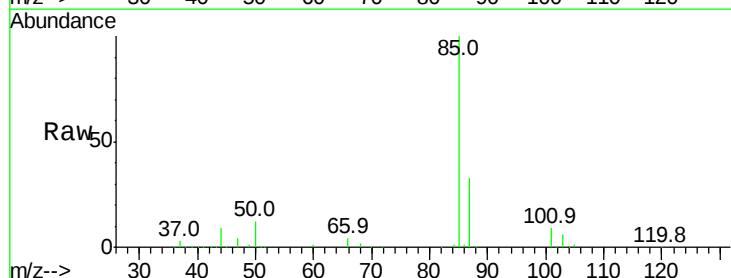
Acq: 25 Apr 2018 19:03

Tgt Ion: 85 Resp: 55585

Ion Ratio Lower Upper

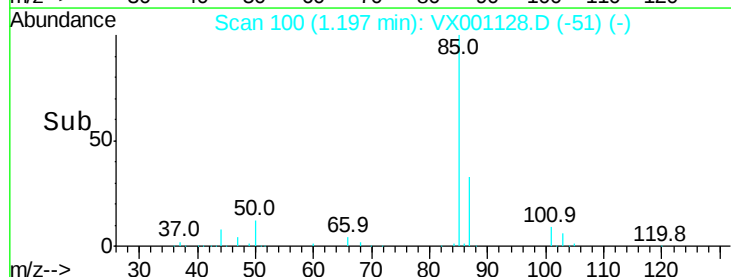
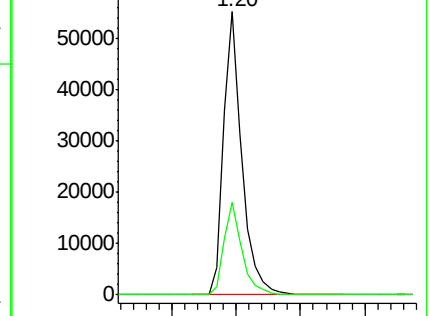
85 100

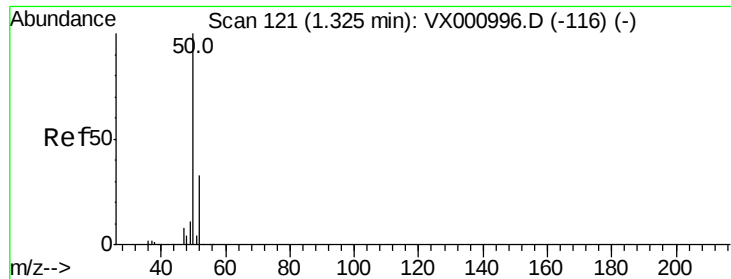
87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.344 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

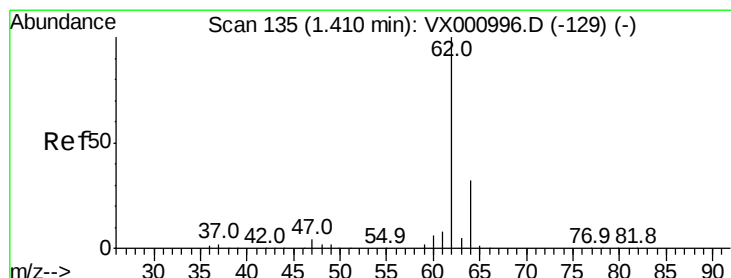
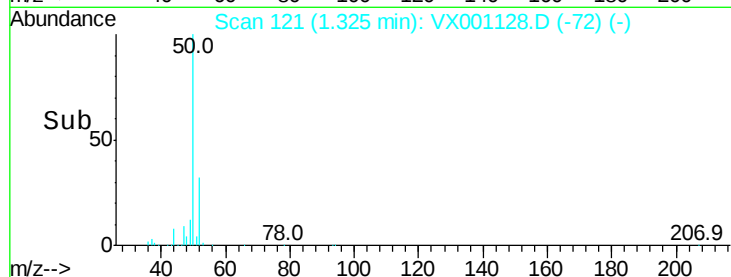
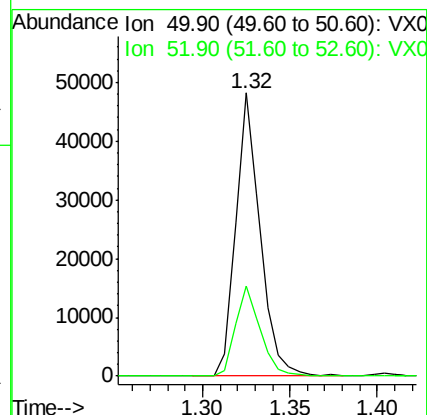
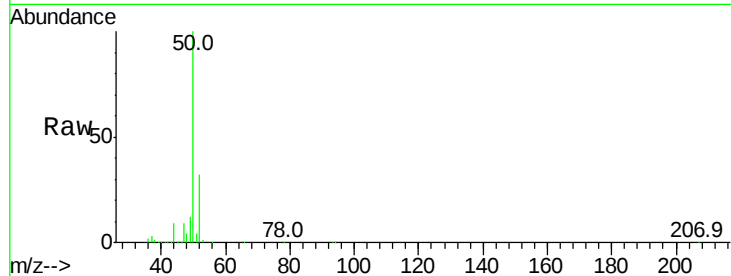
ClientSampleId :

Tot Ion: 50 Resp: 46641

Ion Ratio Lower Upper

50 100

52 31.8 26.3 39.5



#4

Vinyl Chloride

Concen: 19.284 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001128.D

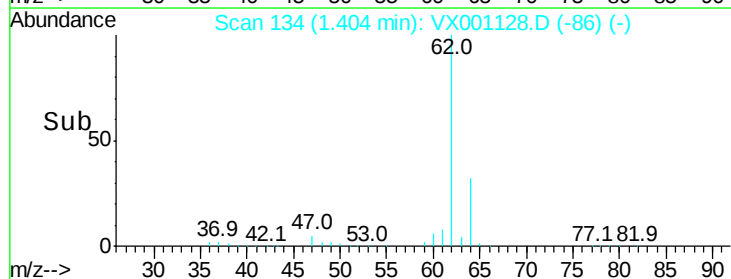
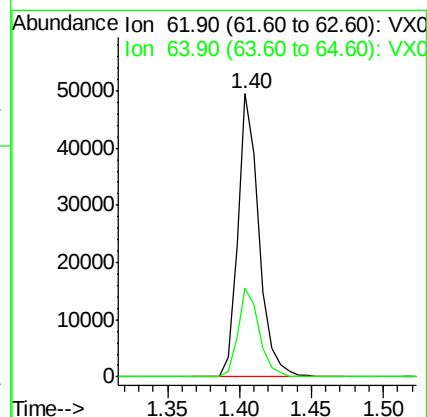
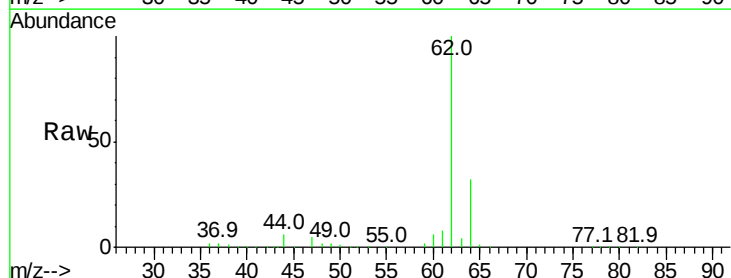
Acq: 25 Apr 2018 19:03

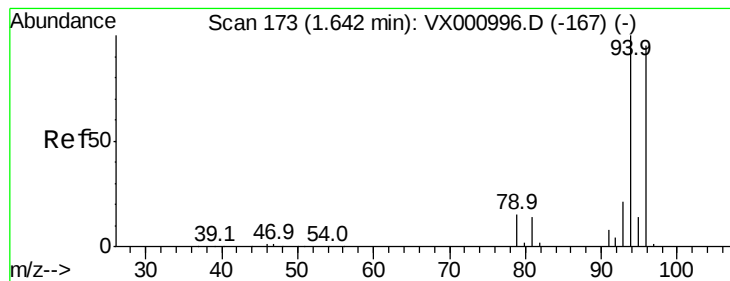
Tgt Ion: 62 Resp: 50817

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 21.684 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

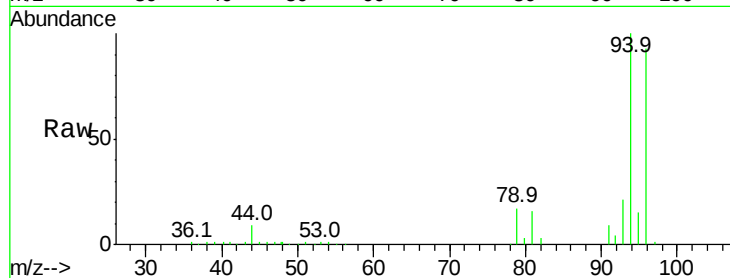
ClientSampleId :

Tot Ion: 94 Resp: 36285

Ion Ratio Lower Upper

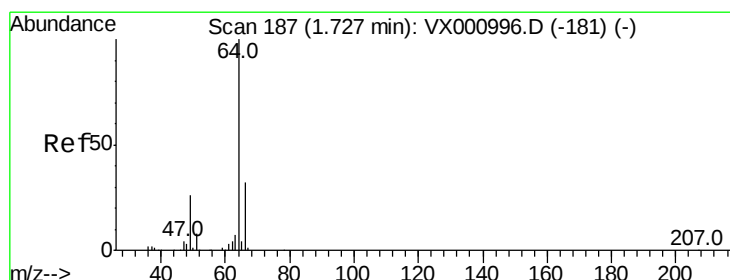
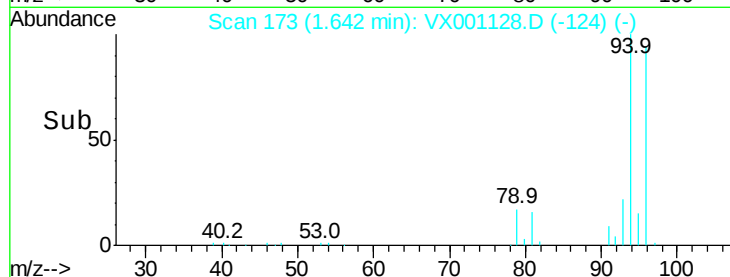
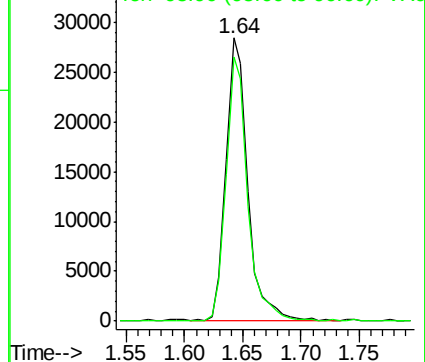
94 100

96 93.8 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.015 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001128.D

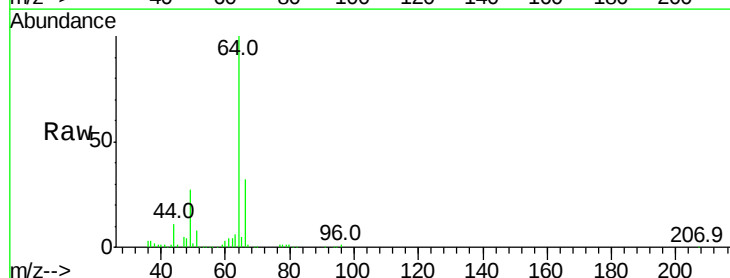
Acq: 25 Apr 2018 19:03

Tgt Ion: 64 Resp: 31342

Ion Ratio Lower Upper

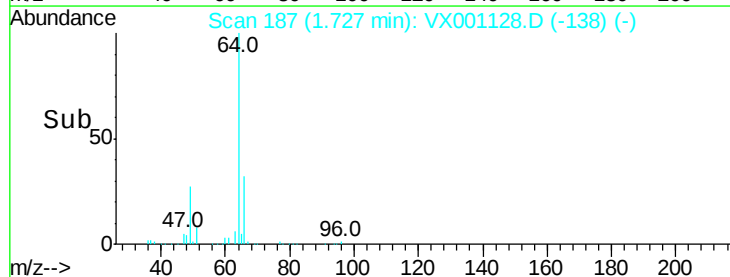
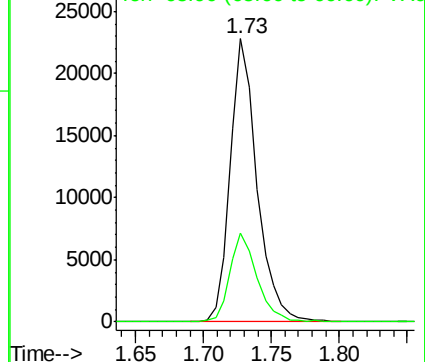
64 100

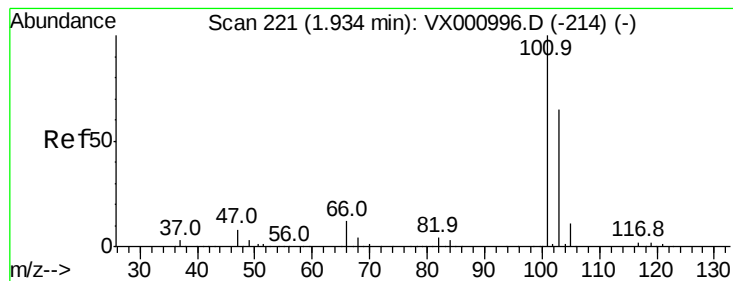
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



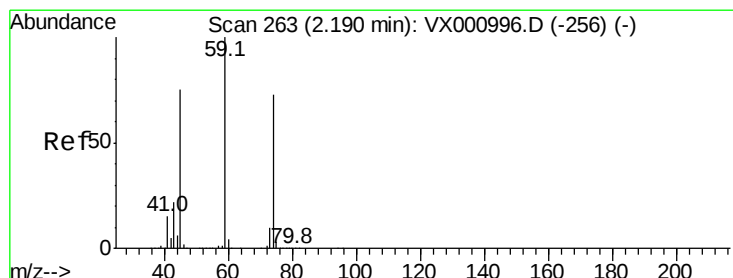
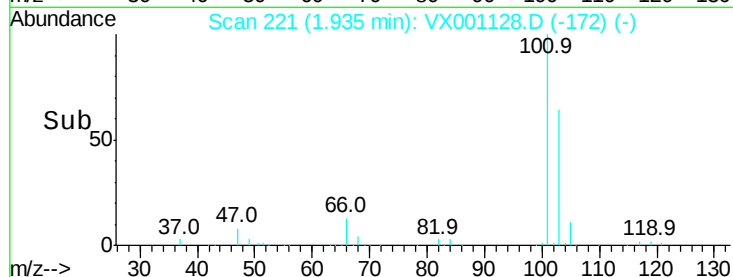
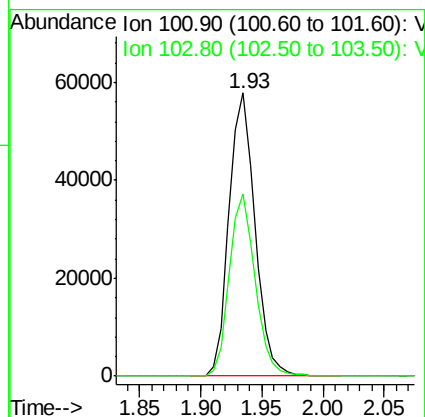
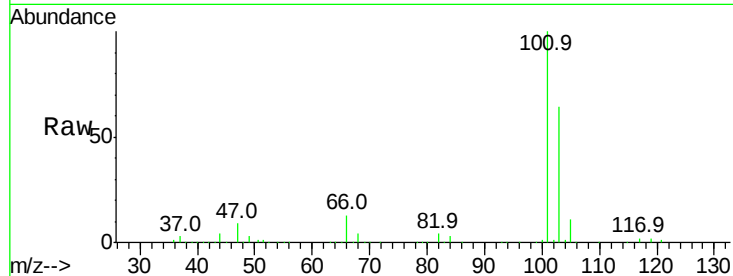


#7

Trichlorofluoromethane
Concen: 21.482 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
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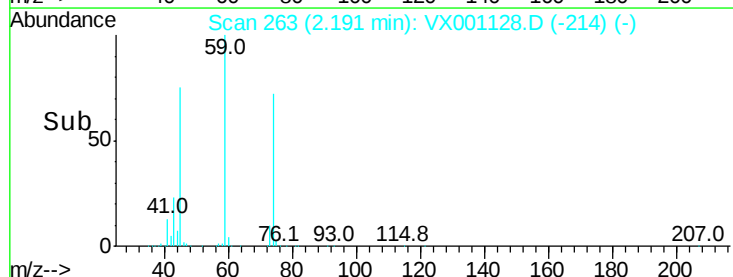
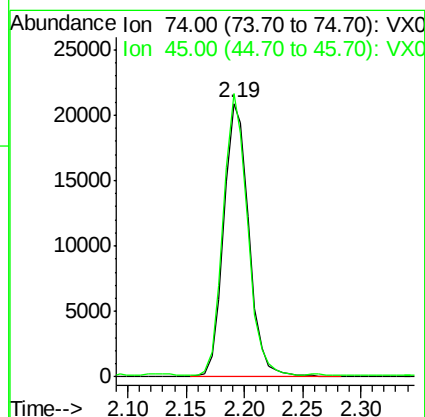
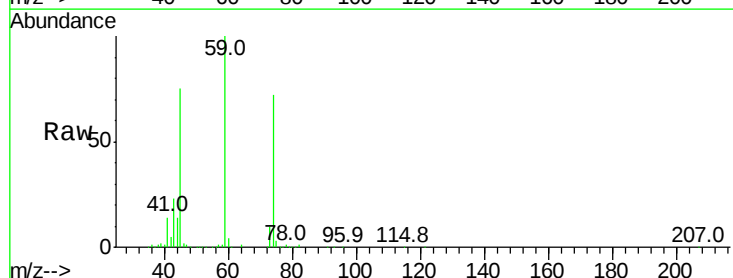
Tot Ion:101 Resp: 85054
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

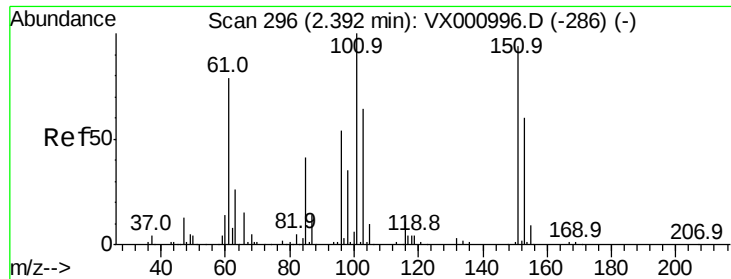


#8

Diethyl Ether
Concen: 21.278 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion: 74 Resp: 31115
Ion Ratio Lower Upper
74 100
45 99.3 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.454 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

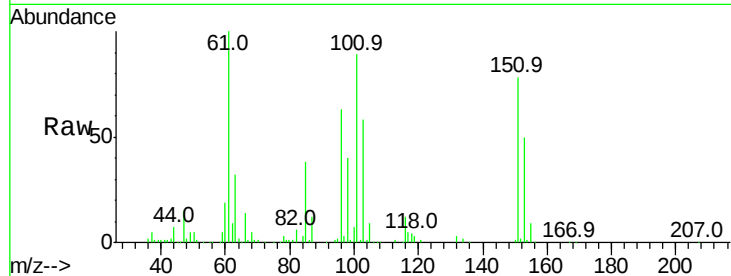
Tot Ion:101 Resp: 47447

Ion Ratio Lower Upper

101 100

85 44.9 33.9 50.9

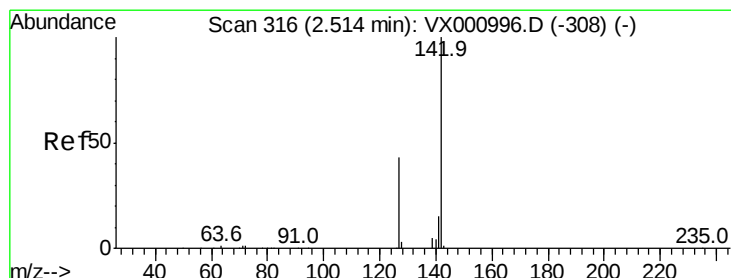
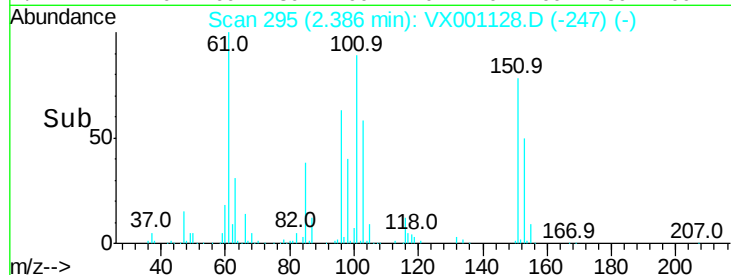
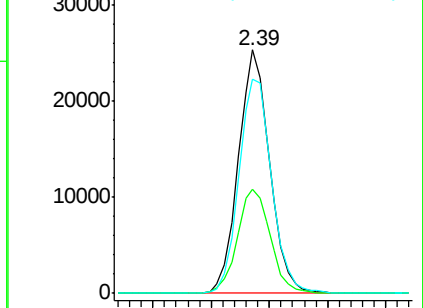
151 92.2 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.904 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

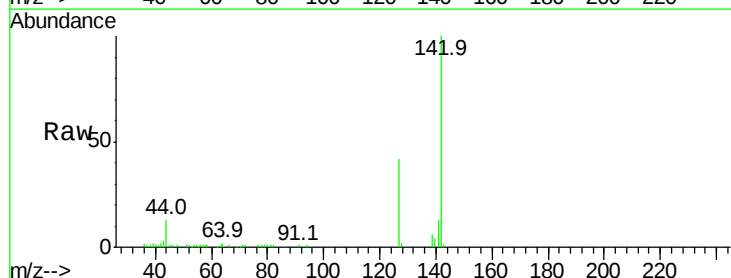
Tgt Ion:142 Resp: 27816

Ion Ratio Lower Upper

142 100

127 44.2 34.0 51.0

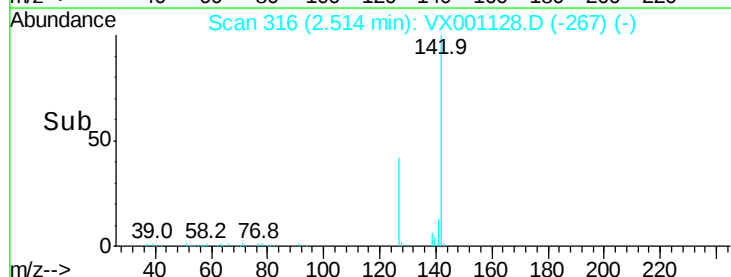
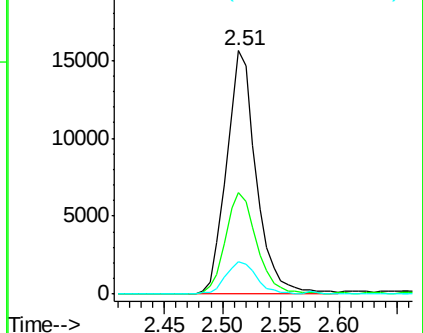
141 13.9 11.4 17.2

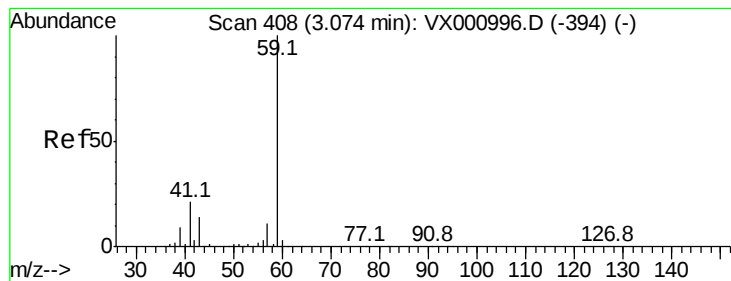


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



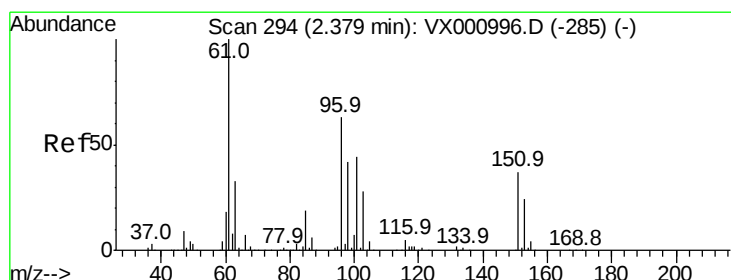
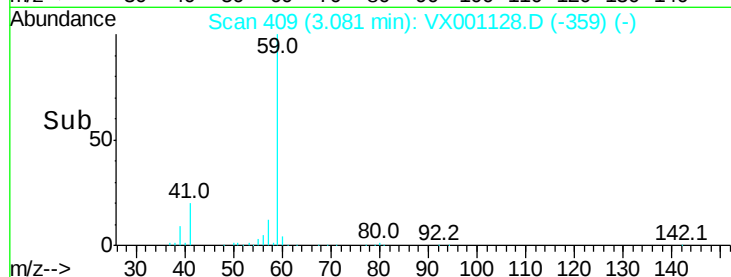
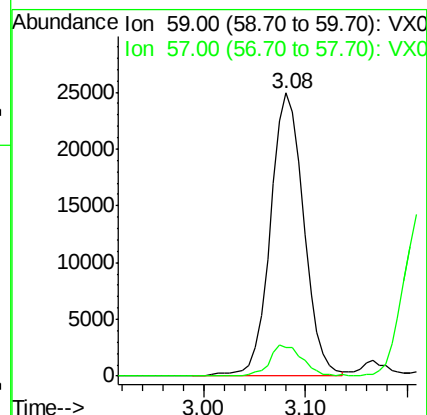
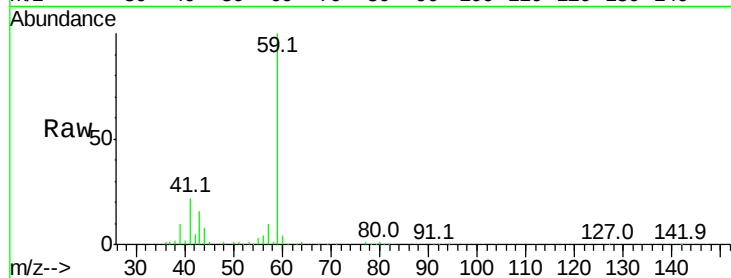


#11

Tert butyl alcohol
 Concen: 134.465 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampled :

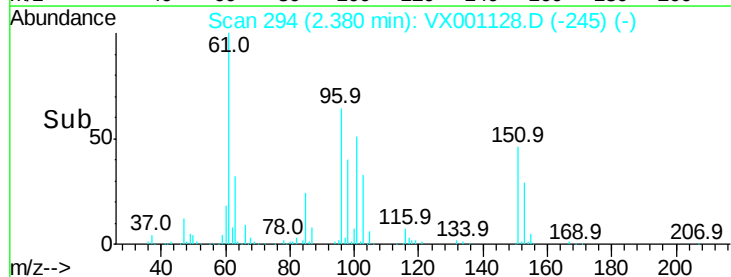
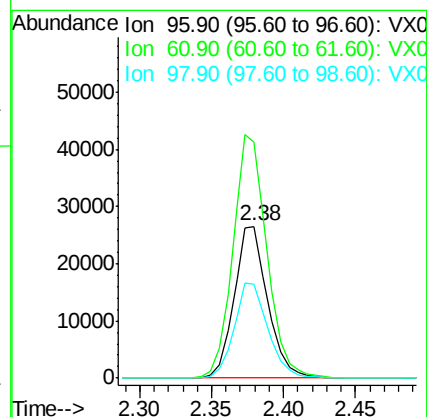
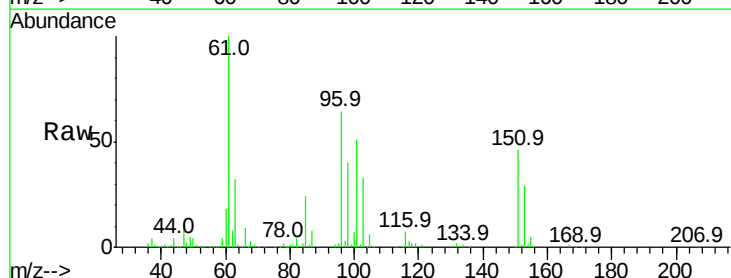
Tot Ion: 59 Resp: 56597
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.3 12.5

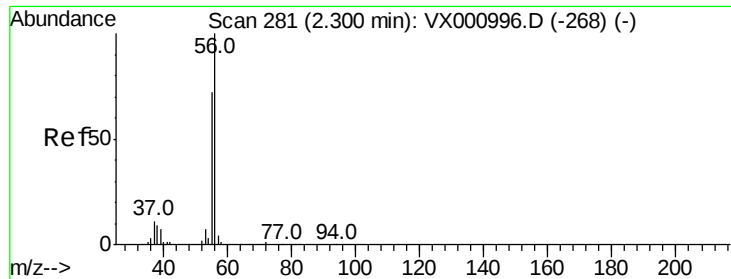


#12

1,1-Dichloroethene
 Concen: 20.077 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion: 96 Resp: 43067
 Ion Ratio Lower Upper
 96 100
 61 155.8 126.4 189.6
 98 62.2 52.6 78.8





#13

Acrolein

Concen: 164.945 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

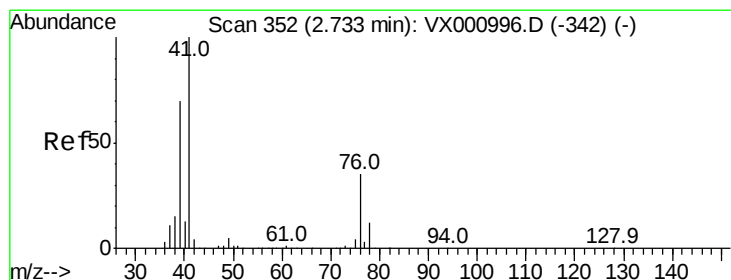
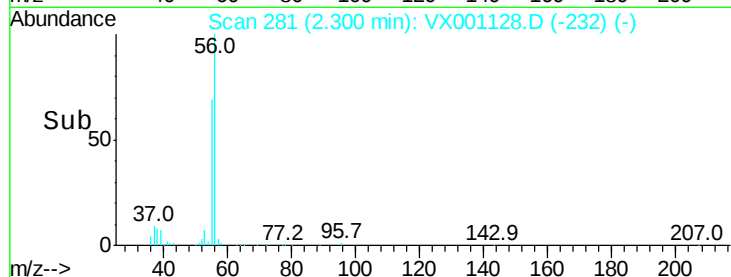
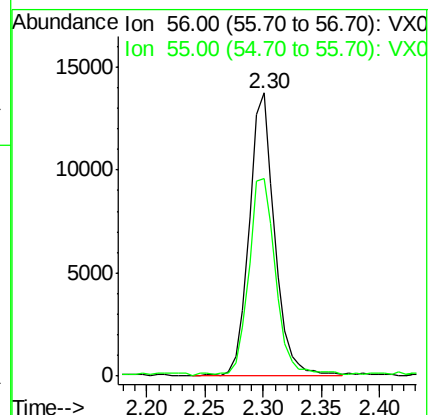
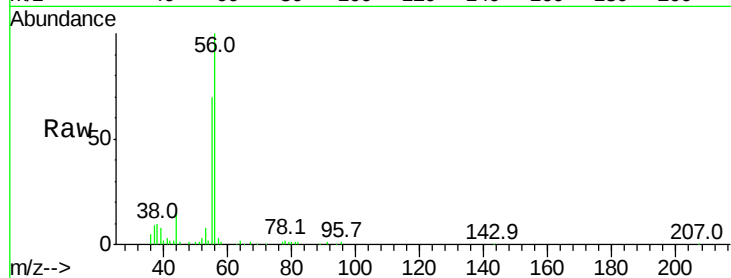
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 21119

Ion Ratio Lower Upper

56 100

55 73.0 57.4 86.2



#14

Allyl chloride

Concen: 20.514 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

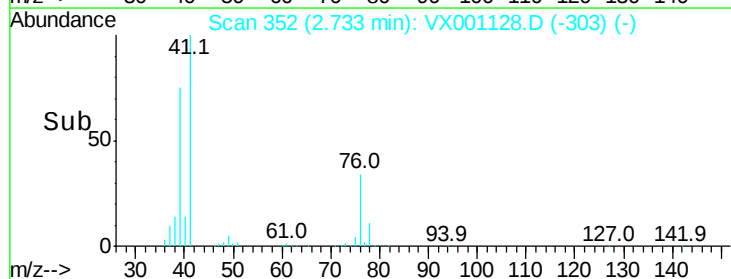
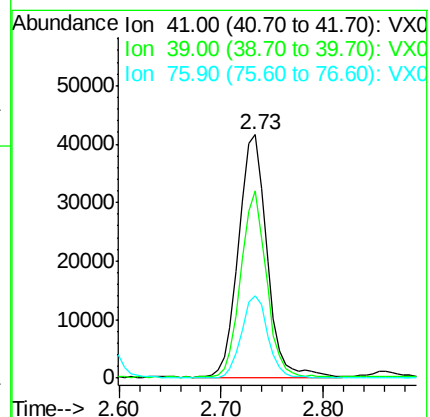
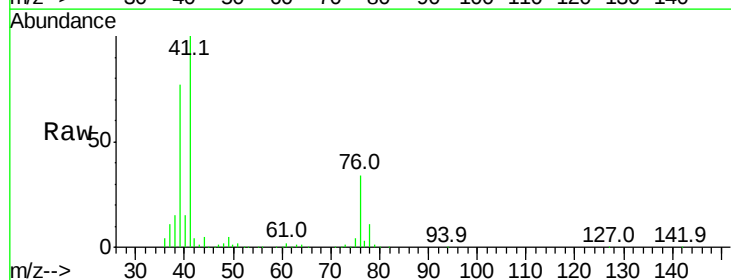
Tgt Ion: 41 Resp: 79639

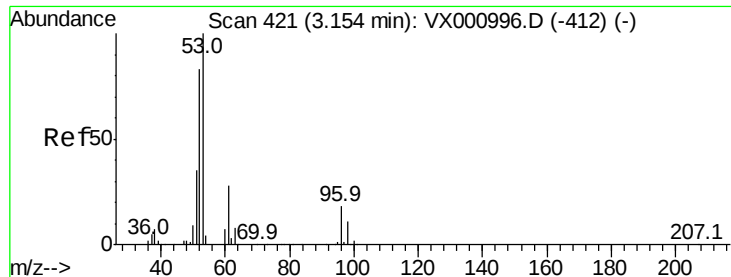
Ion Ratio Lower Upper

41 100

39 69.2 53.0 79.6

76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 117.067 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

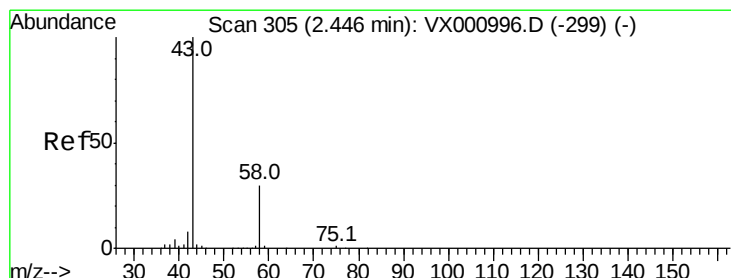
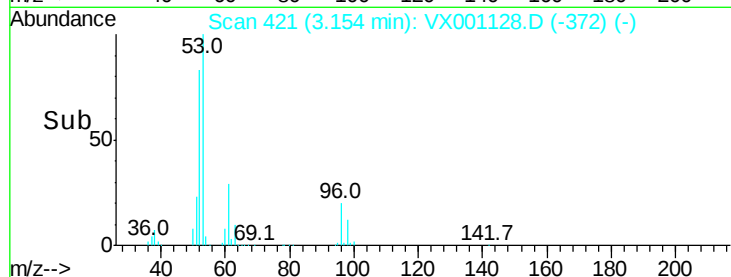
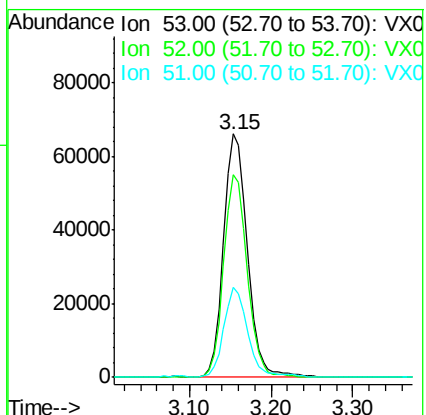
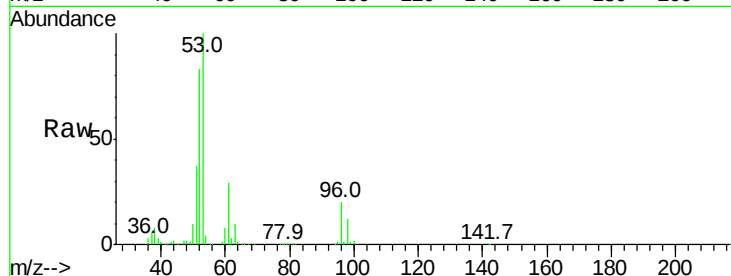
Tot Ion: 53 Resp: 133353

Ion Ratio Lower Upper

53 100

52 82.7 66.4 99.6

51 36.8 29.0 43.6



#16

Acetone

Concen: 128.419 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001128.D

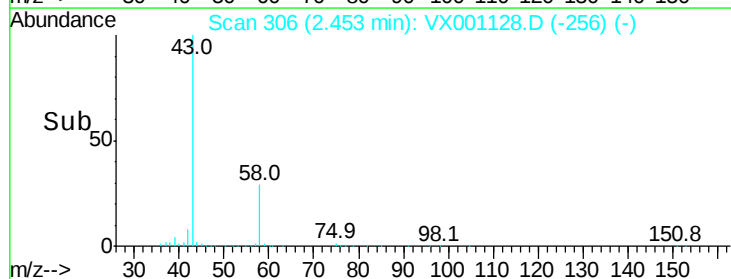
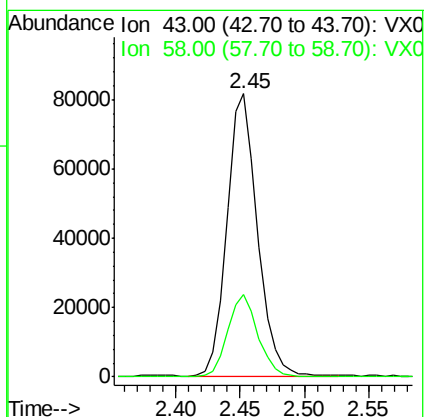
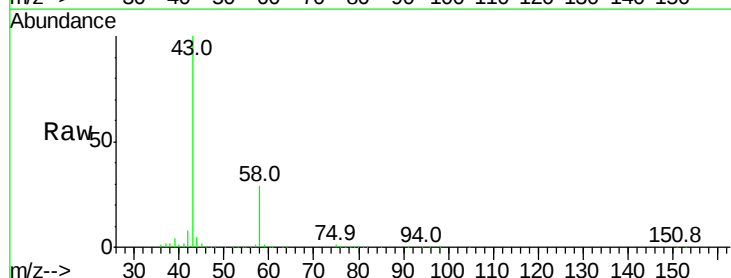
Acq: 25 Apr 2018 19:03

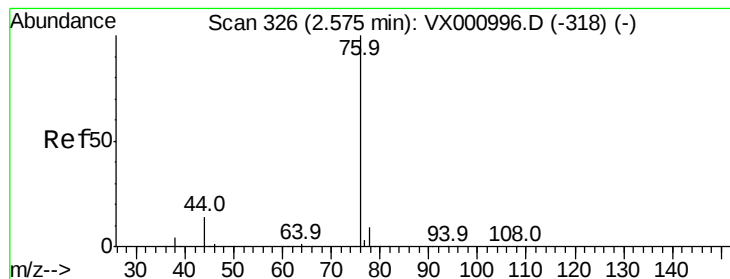
Tgt Ion: 43 Resp: 134959

Ion Ratio Lower Upper

43 100

58 29.2 23.7 35.5





#17

Carbon Disulfide

Concen: 15.909 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

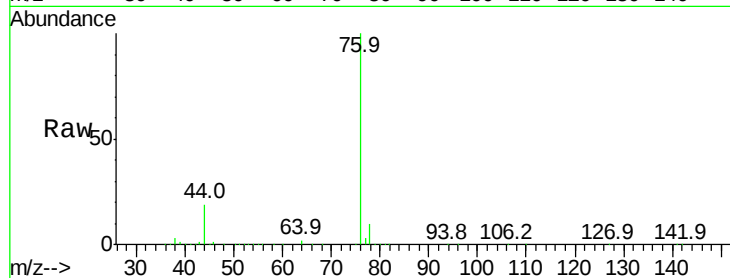
ClientSampleId :

Tot Ion: 76 Resp: 97259

Ion Ratio Lower Upper

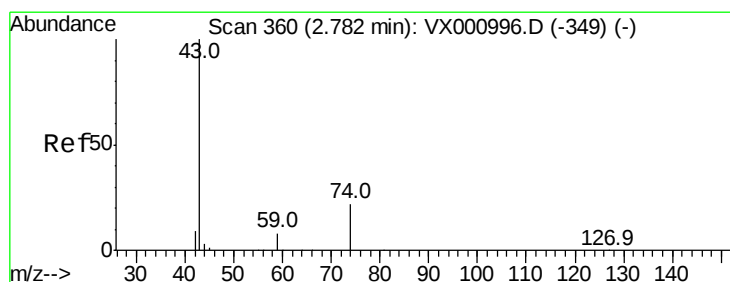
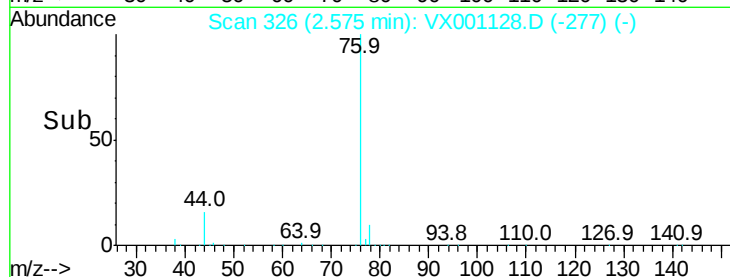
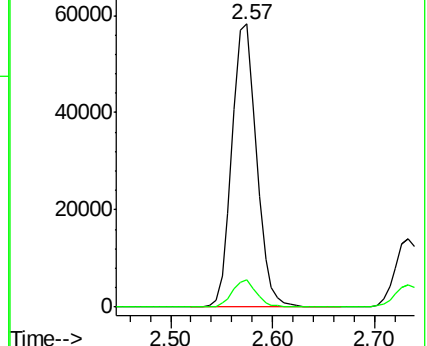
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.434 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001128.D

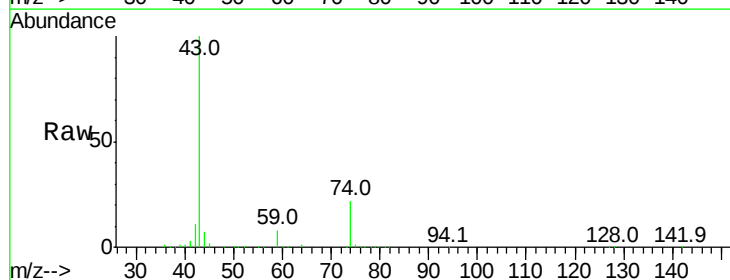
Acq: 25 Apr 2018 19:03

Tgt Ion: 43 Resp: 87243

Ion Ratio Lower Upper

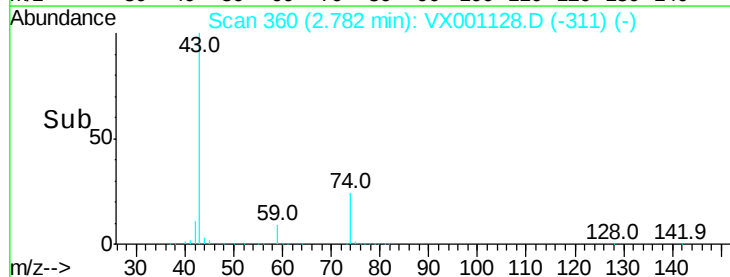
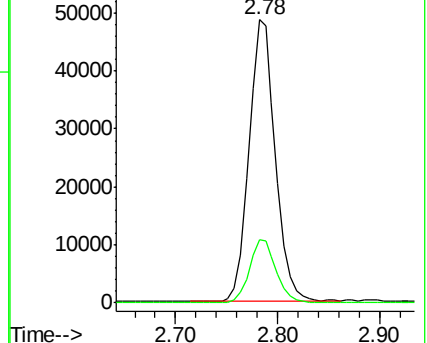
43 100

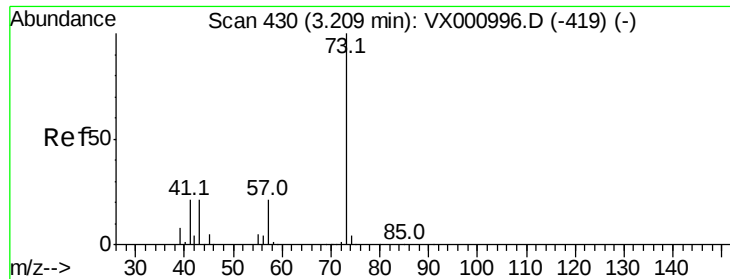
74 22.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

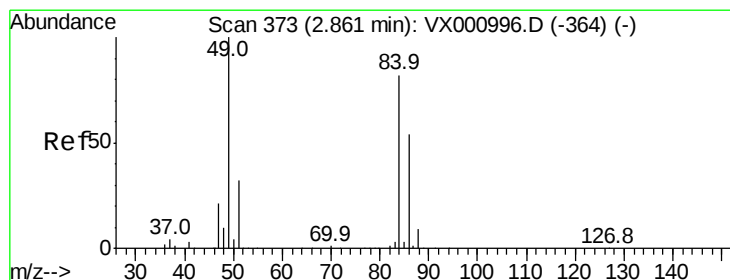
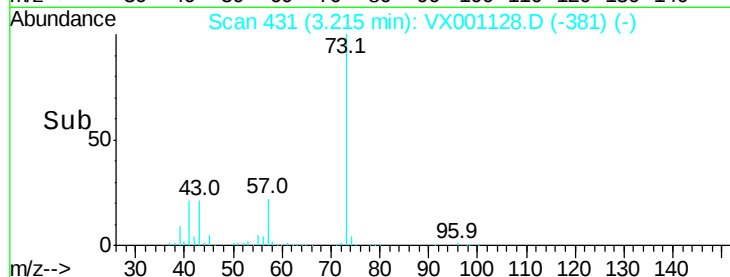
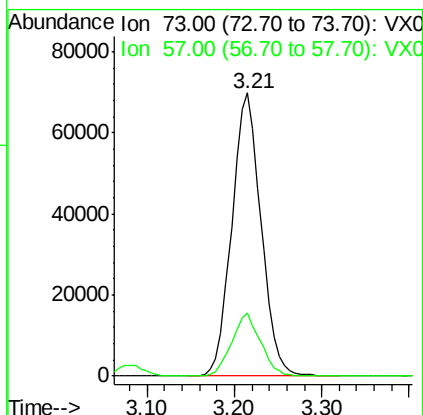
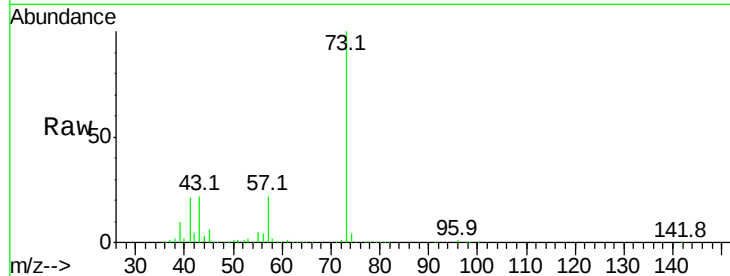




#19
Methvl tert-butvl Ether
Concen: 22.509 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

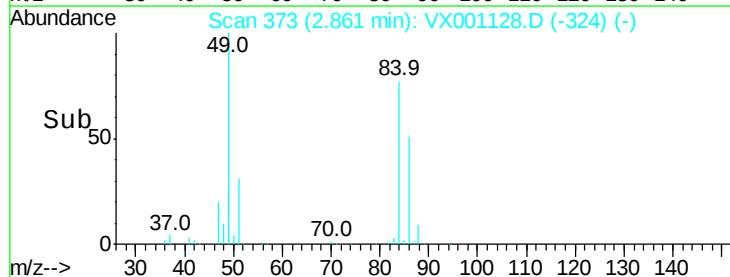
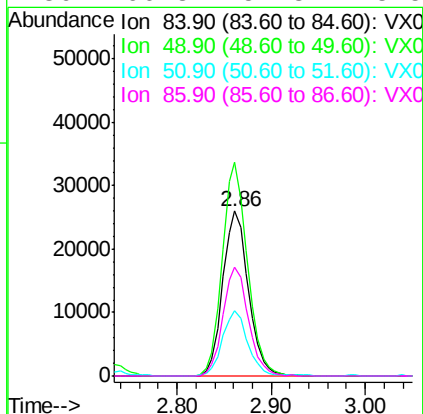
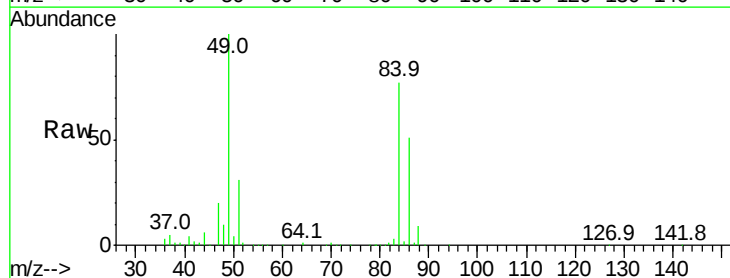
Instrument :
MSVOA_X
ClientSampleId :

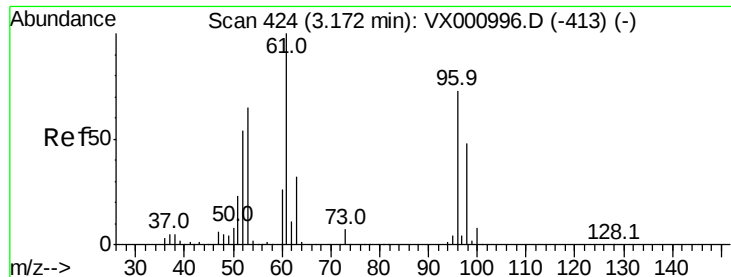
Tot Ion: 73 Resp: 162321
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 21.329 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion: 84 Resp: 49189
Ion Ratio Lower Upper
84 100
49 129.4 97.1 145.7
51 39.3 30.8 46.2
86 66.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.430 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

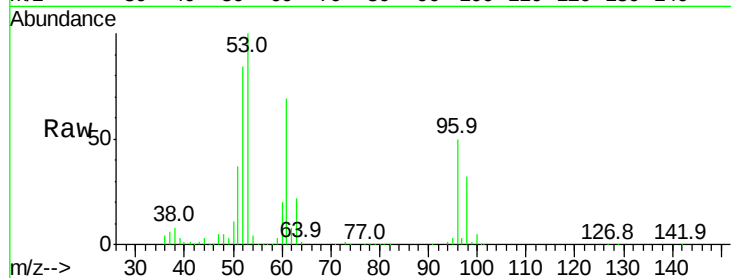
Tot Ion: 96 Resp: 46400

Ion Ratio Lower Upper

96 100

61 137.7 109.4 164.2

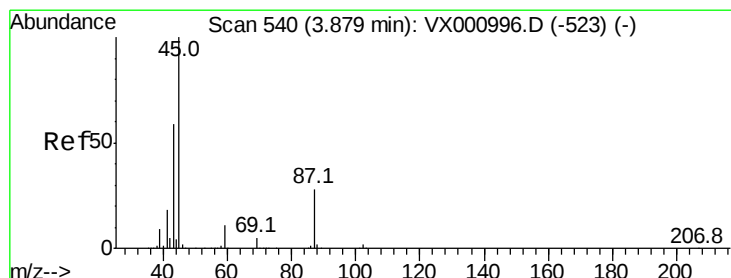
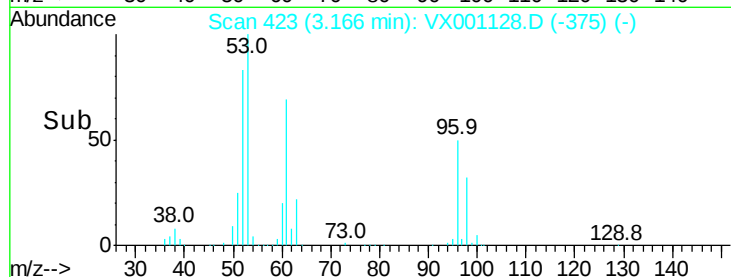
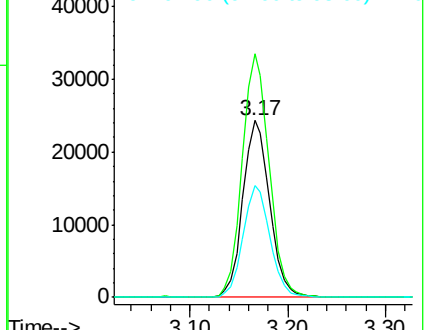
98 63.3 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.822 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion: 45 Resp: 156478

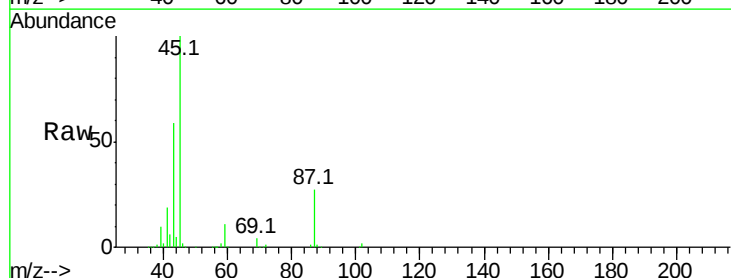
Ion Ratio Lower Upper

45 100

43 57.7 47.0 70.4

87 26.7 22.5 33.7

59 11.1 8.8 13.2

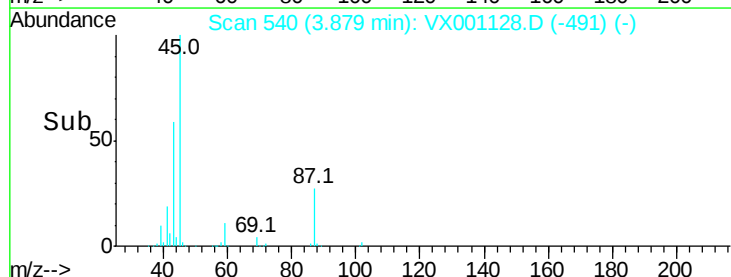
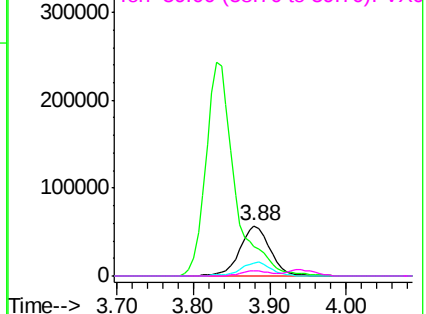


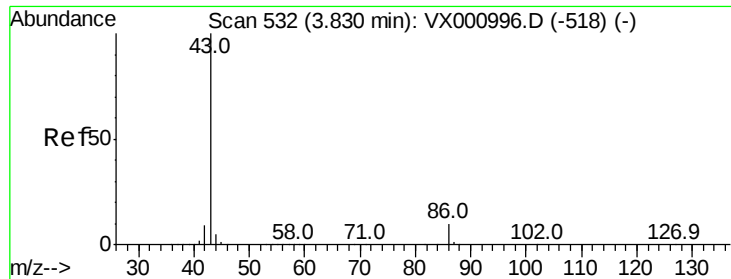
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.682 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

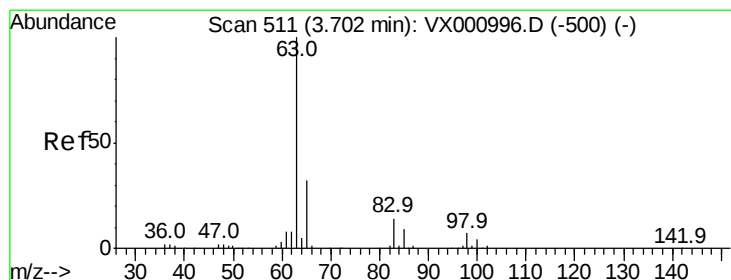
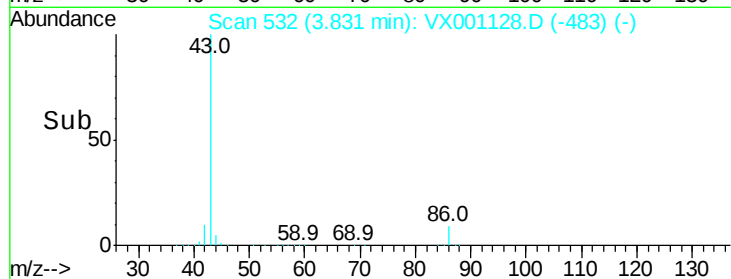
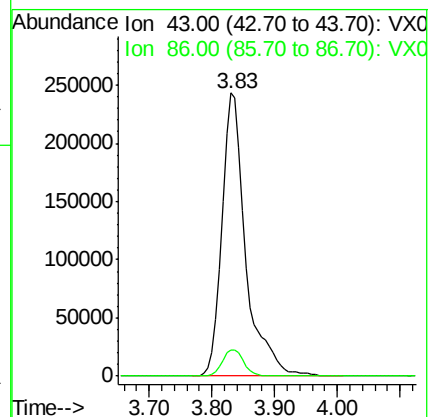
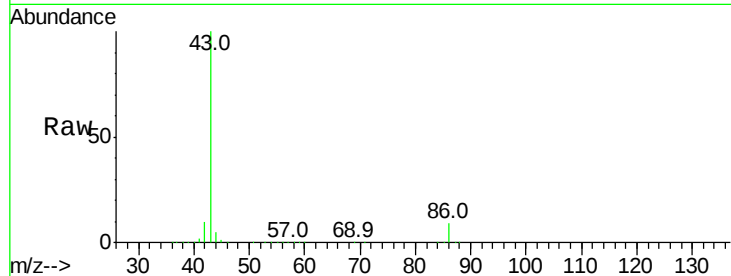
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 638845

Ion Ratio Lower Upper

43 100

86 9.4 8.1 12.1



#24

1,1-Dichloroethane

Concen: 20.293 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

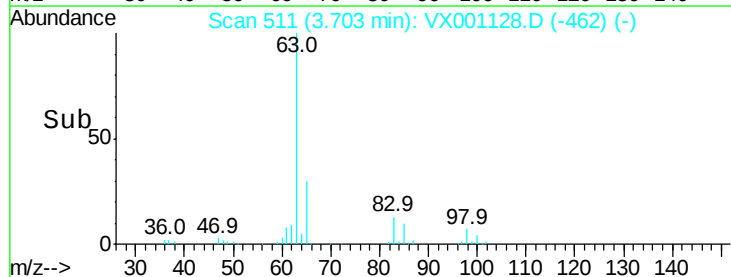
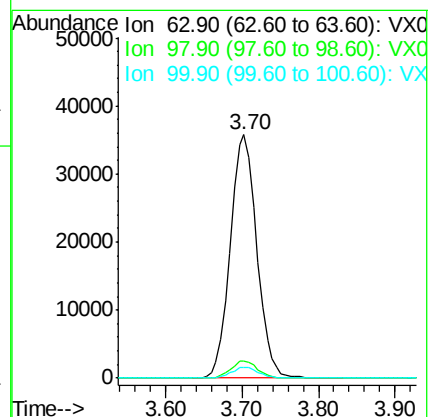
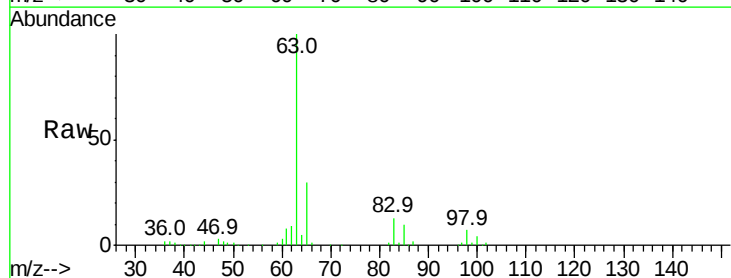
Tgt Ion: 63 Resp: 85540

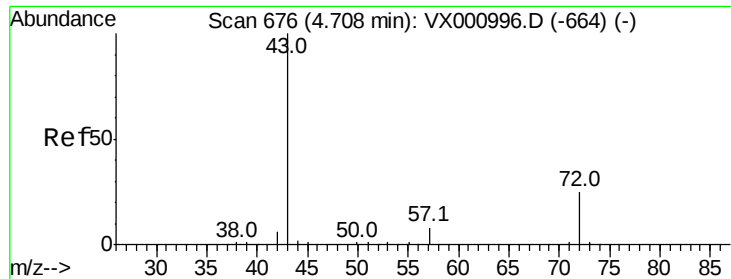
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 117.463 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

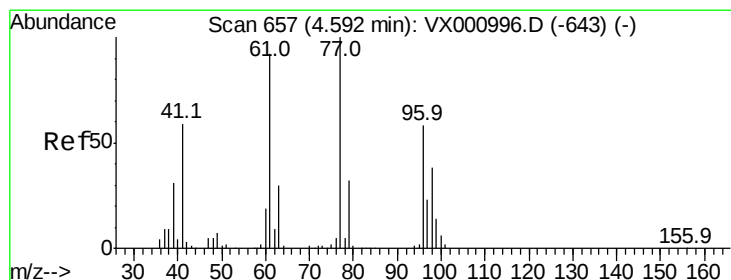
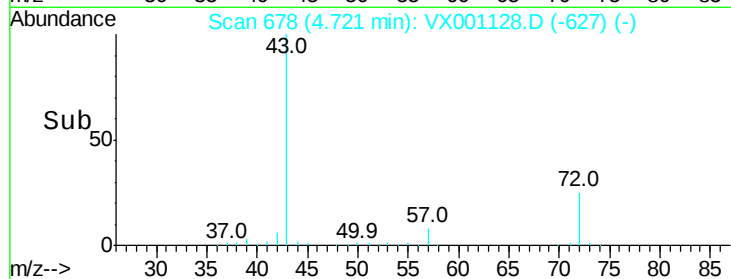
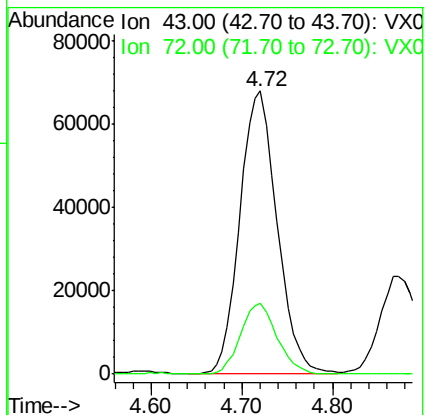
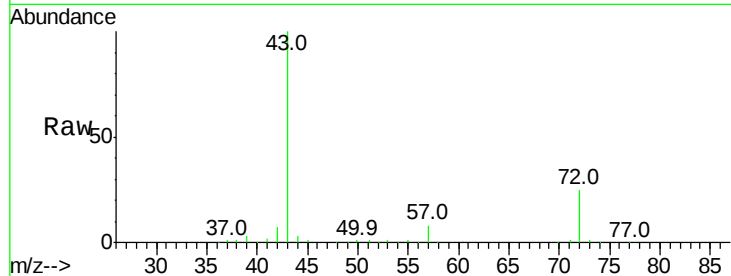
ClientSampleId :

Tot Ion: 43 Resp: 192705

Ion Ratio Lower Upper

43 100

72 25.1 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.690 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001128.D

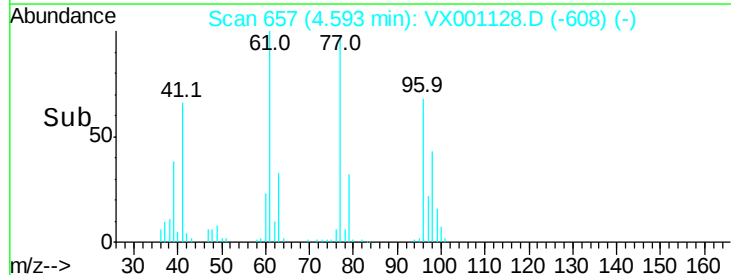
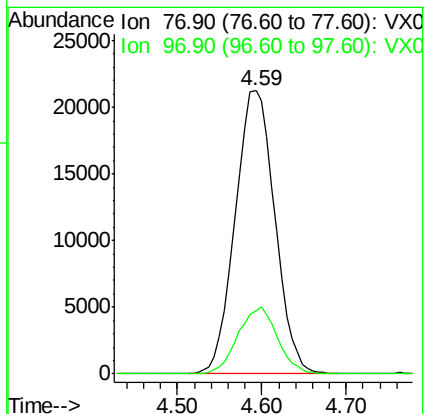
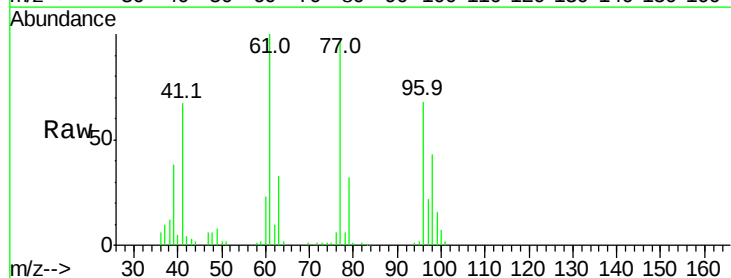
Acq: 25 Apr 2018 19:03

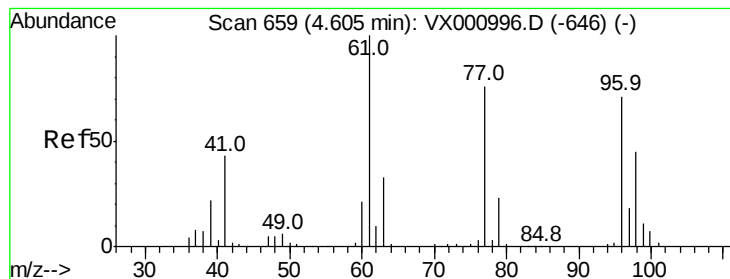
Tgt Ion: 77 Resp: 67773

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4



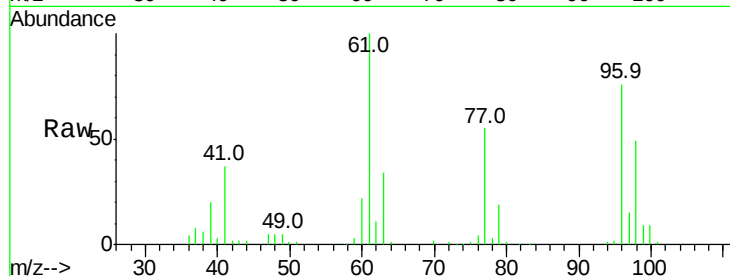


#27

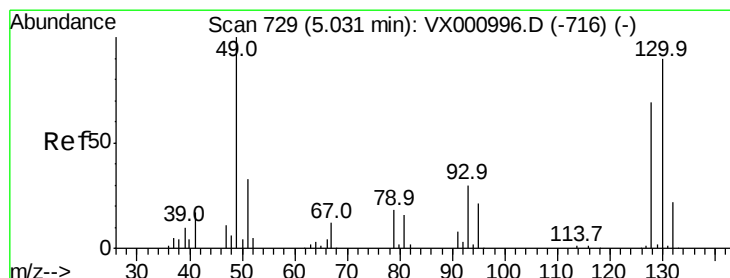
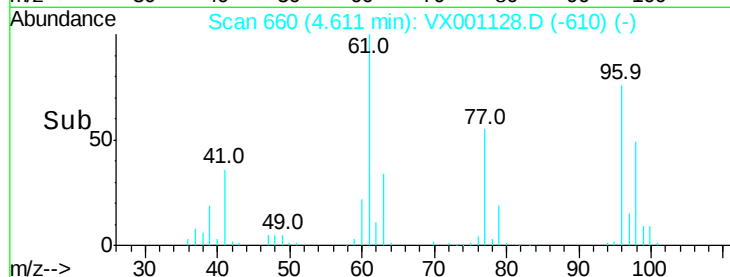
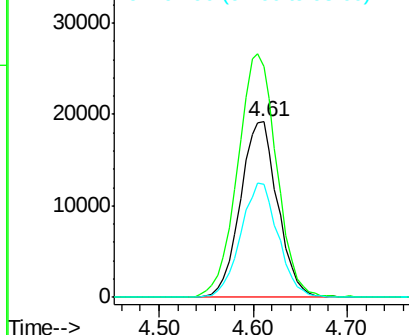
cis-1,2-Dichloroethene
Concen: 20.015 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 53241
Ion Ratio Lower Upper
96 100
61 145.0 0.0 297.0
98 65.1 0.0 130.0



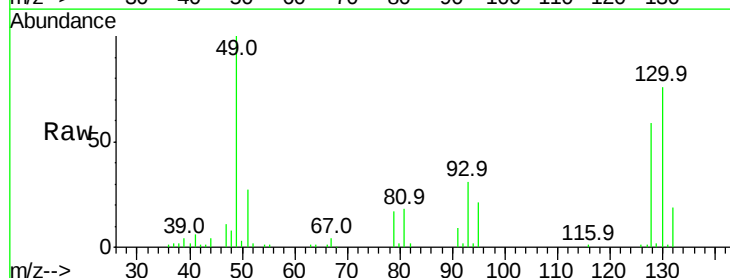
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



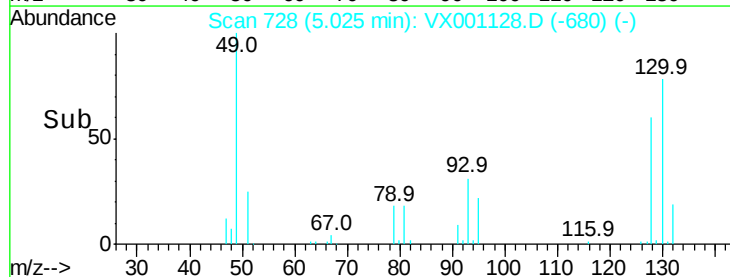
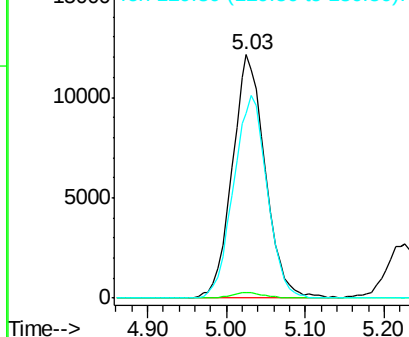
#28

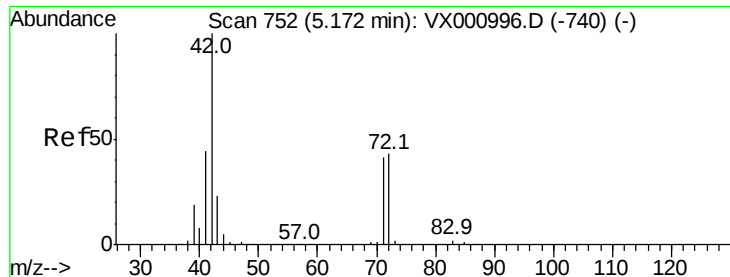
Bromochloromethane
Concen: 21.616 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion: 49 Resp: 35040
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 85.0 70.6 105.8



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

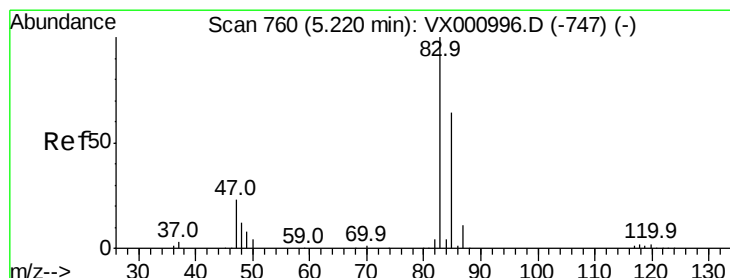
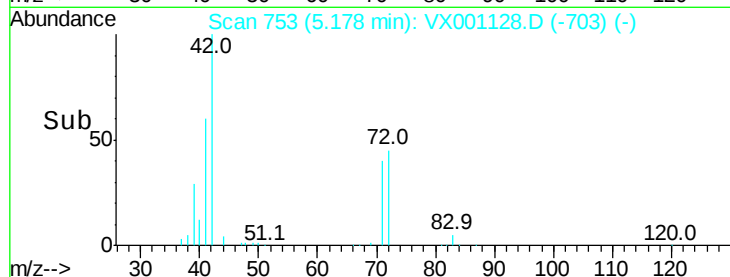
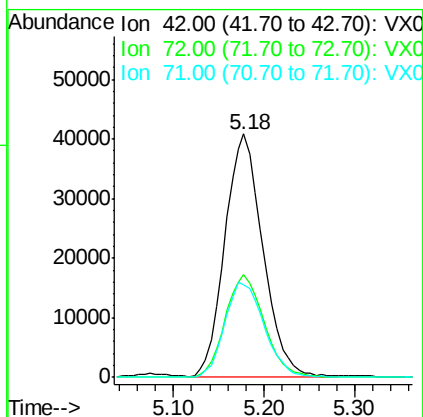
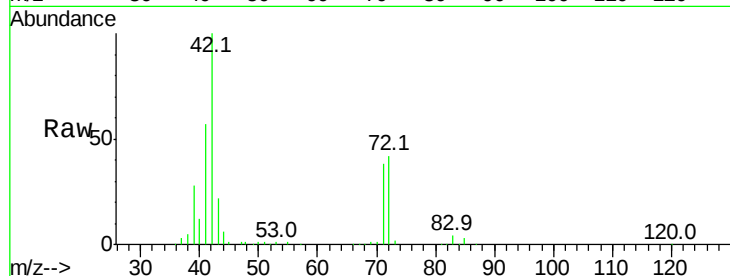




#29
Tetrahydrofuran
Concen: 113.975 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

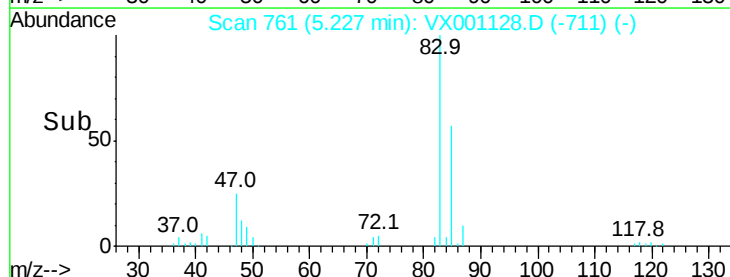
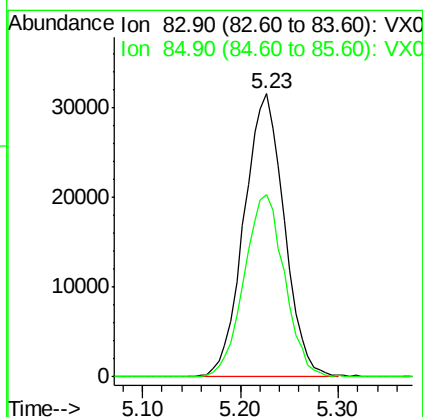
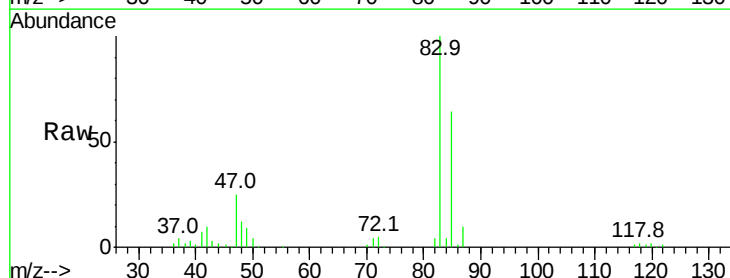
Instrument :
MSVOA_X
ClientSampled :

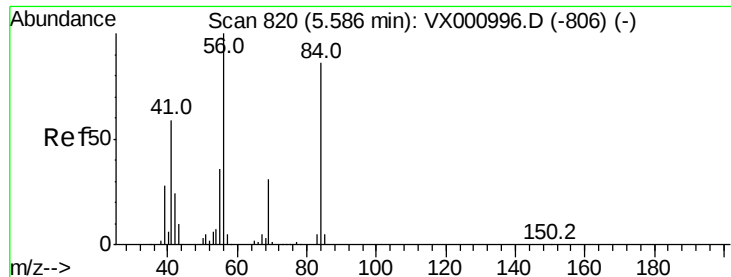
Tot Ion: 42 Resp: 118158
Ion Ratio Lower Upper
42 100
72 43.4 34.6 52.0
71 41.0 32.6 49.0



#30
Chloroform
Concen: 20.734 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion: 83 Resp: 90517
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9





#31

Cvclohexane

Concen: 18.507 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

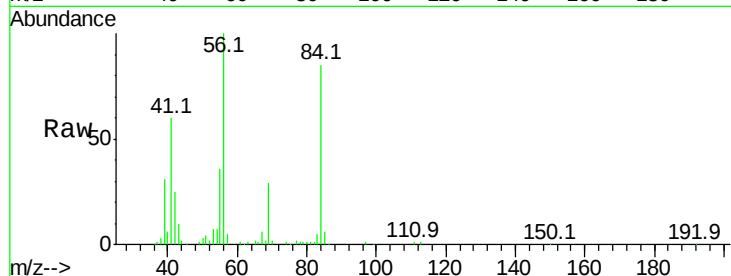
Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 72817

Ion	Ratio	Lower	Upper
56	100		
69	28.9	24.6	36.8
84	83.2	69.0	103.6

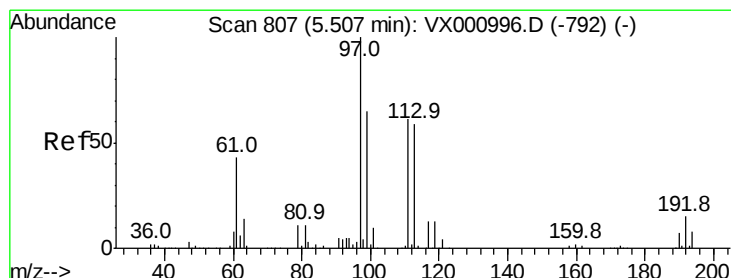
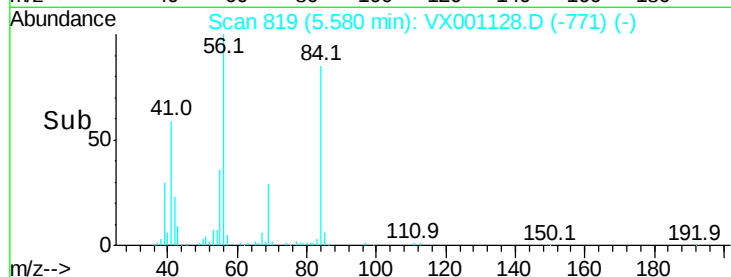
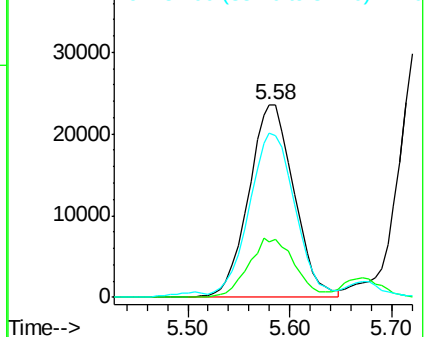


Abundance

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: 19.959 ug/l

RT: 5.50 min Scan# 806

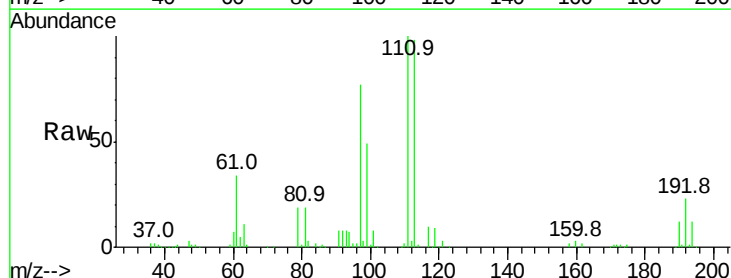
Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion: 97 Resp: 78123

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.1	76.7
61	45.4	34.4	51.6

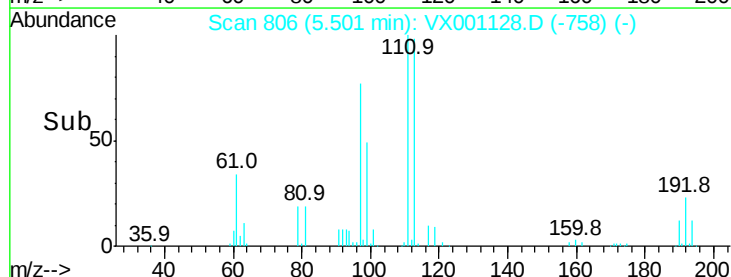
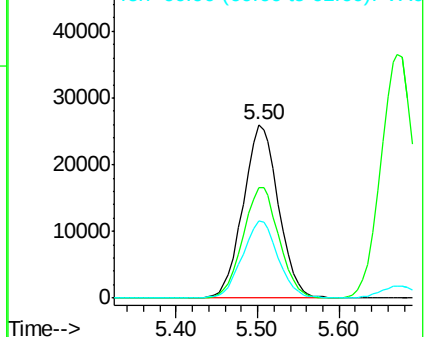


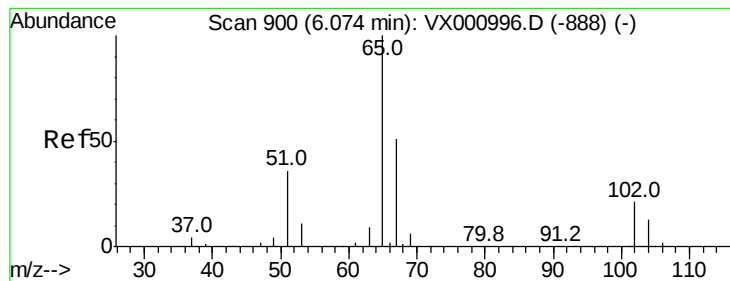
Abundance

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: 49.190 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

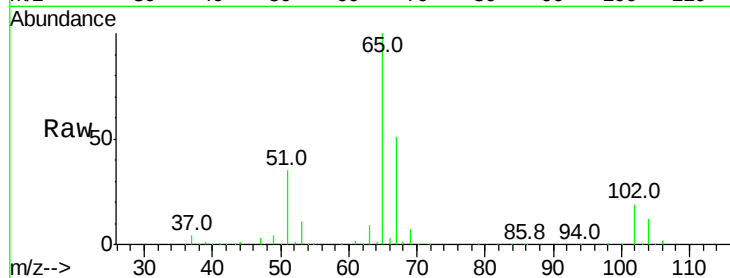
ClientSampled :

Tot Ion: 65 Resp: 137285

Ion Ratio Lower Upper

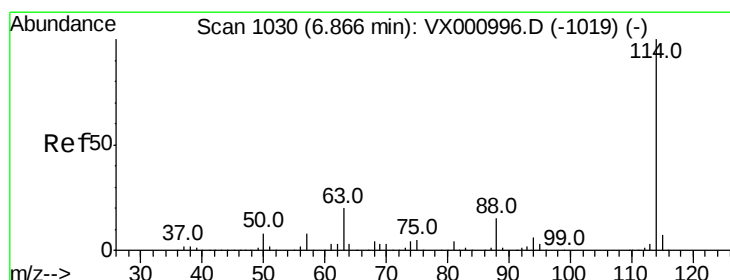
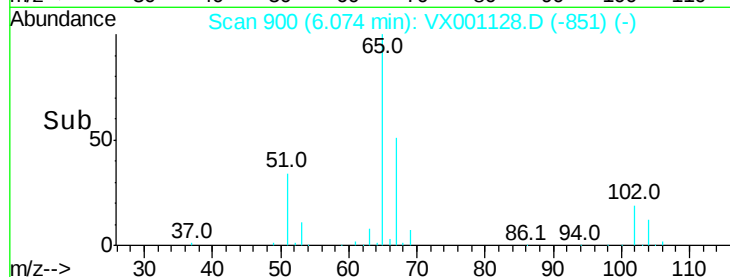
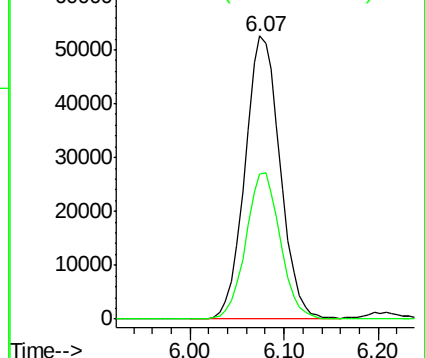
65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

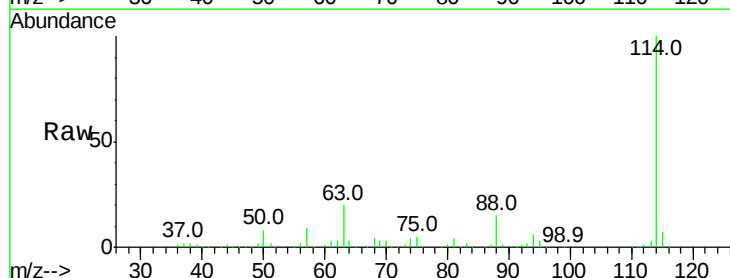
Tgt Ion:114 Resp: 300743

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

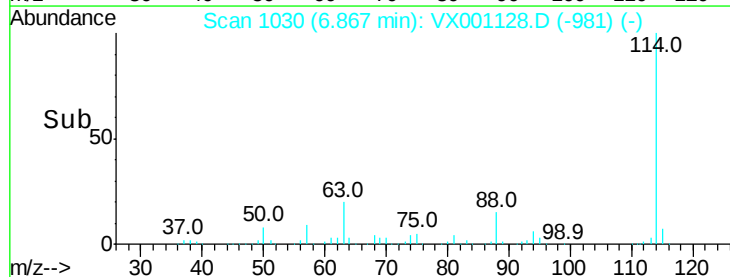
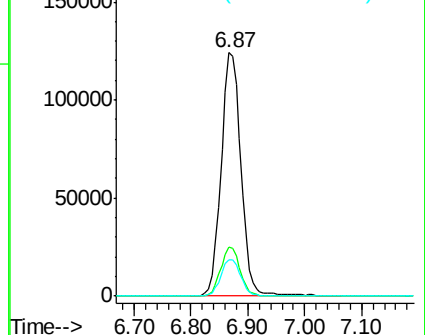
88 15.1 0.0 29.8

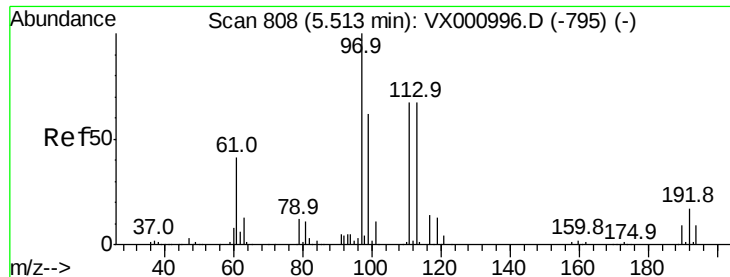


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.077 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampled :

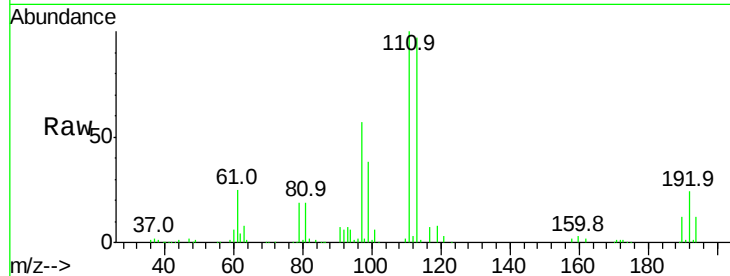
Tot Ion:113 Resp: 110254

Ion Ratio Lower Upper

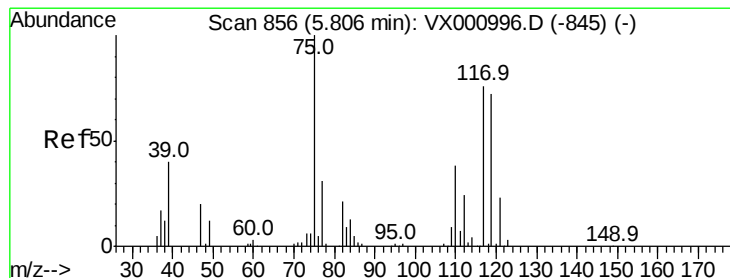
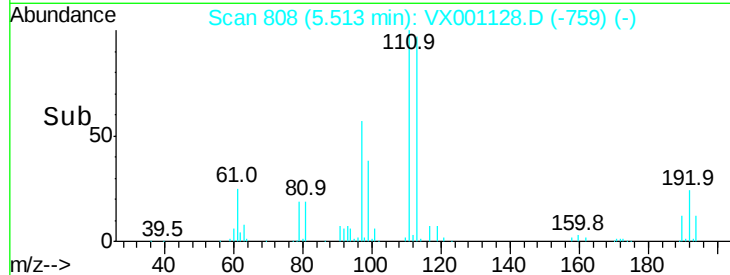
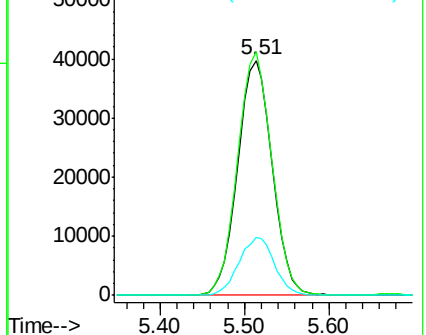
113 100

111 102.7 81.4 122.2

192 25.2 20.4 30.6



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: 17.946 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

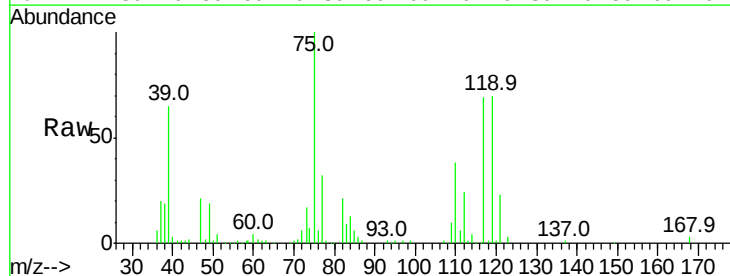
Tgt Ion: 75 Resp: 63422

Ion Ratio Lower Upper

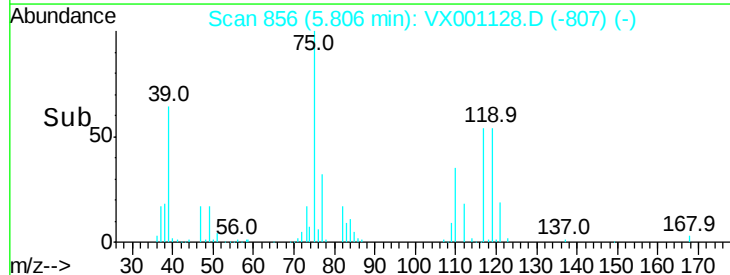
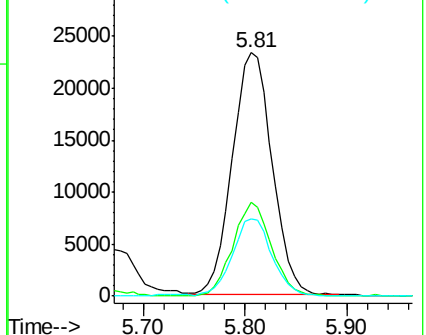
75 100

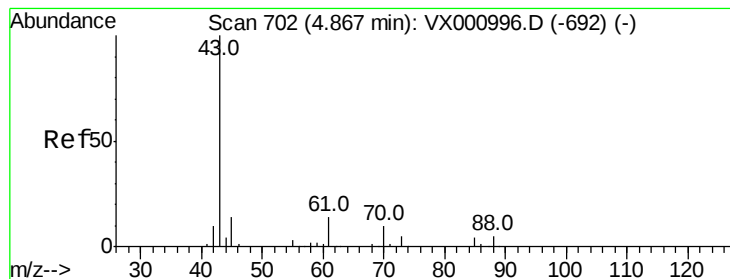
110 37.2 18.7 56.1

77 32.3 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.652 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

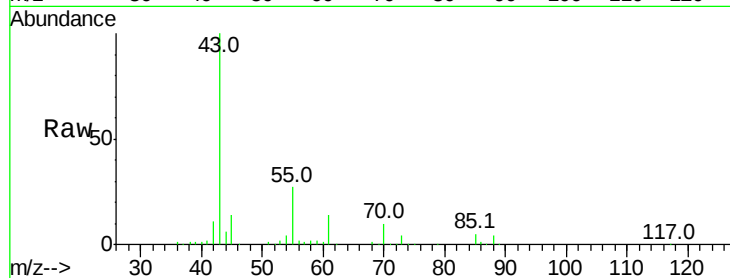
Tot Ion: 43 Resp: 70194

Ion Ratio Lower Upper

43 100

61 13.5 10.7 16.1

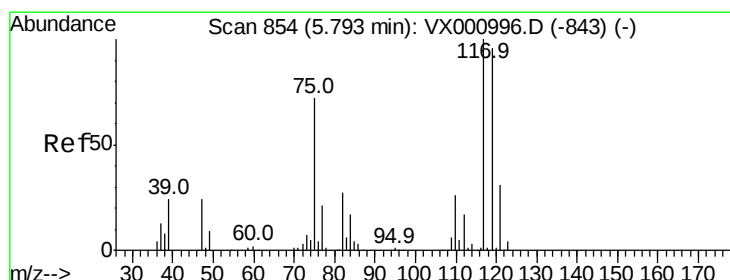
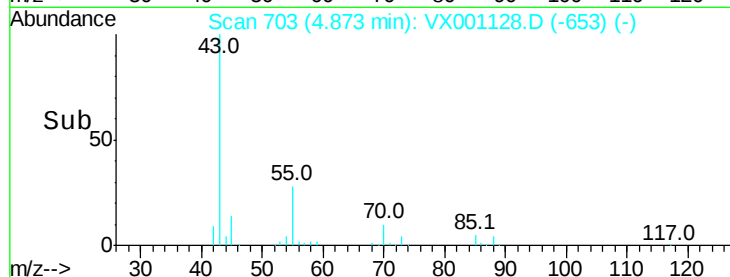
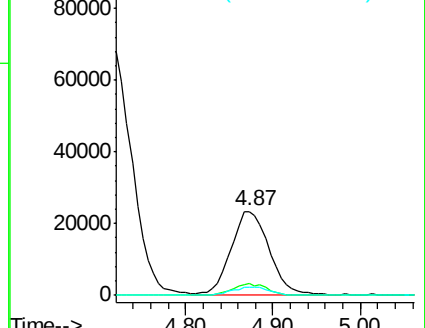
70 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX000996.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX000996.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 18.650 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

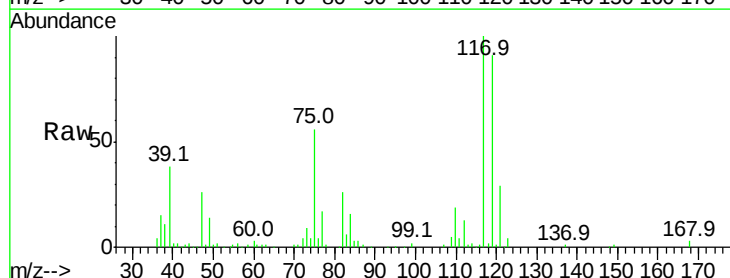
Tgt Ion: 117 Resp: 66741

Ion Ratio Lower Upper

117 100

119 91.4 76.5 114.7

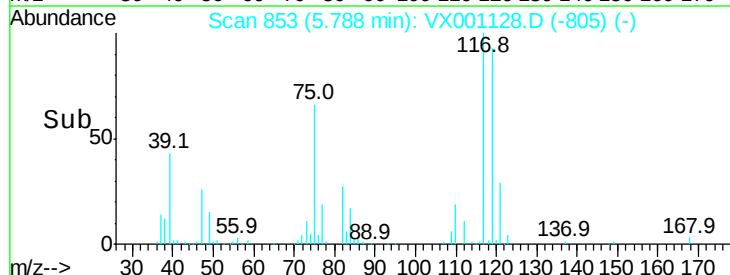
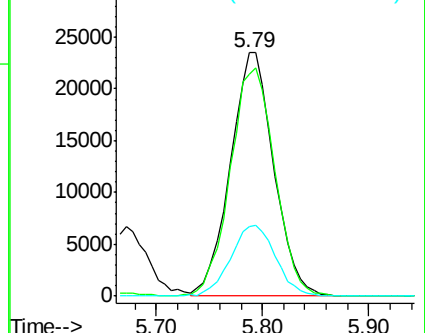
121 28.7 24.5 36.7

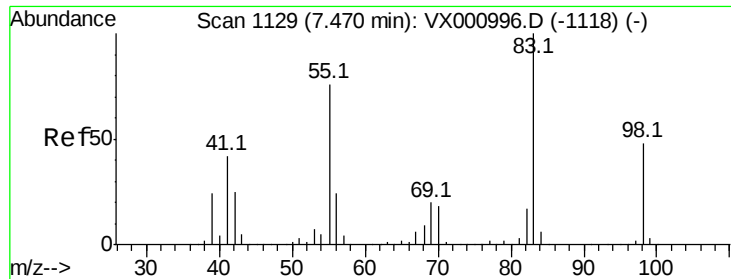


Abundance Ion 116.80 (116.50 to 117.50): VX000996.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000996.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000996.D (-843) (-)

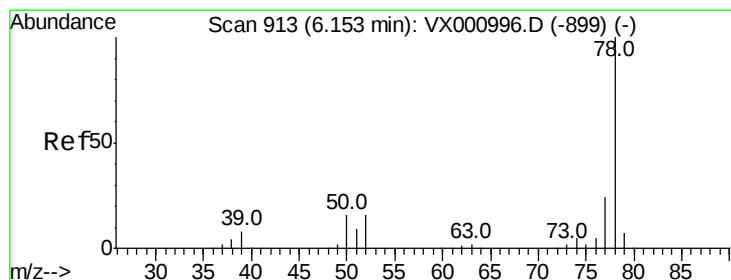
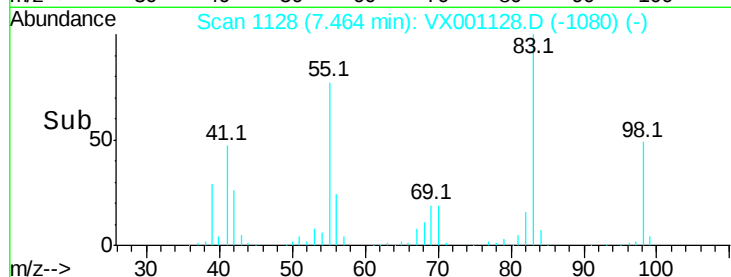
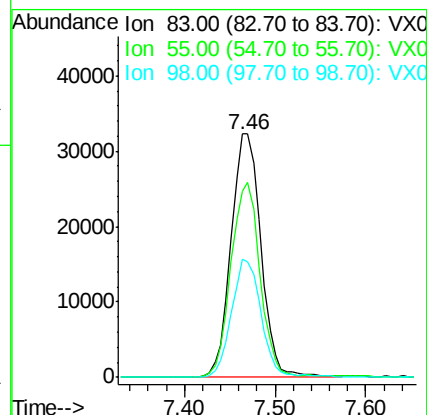
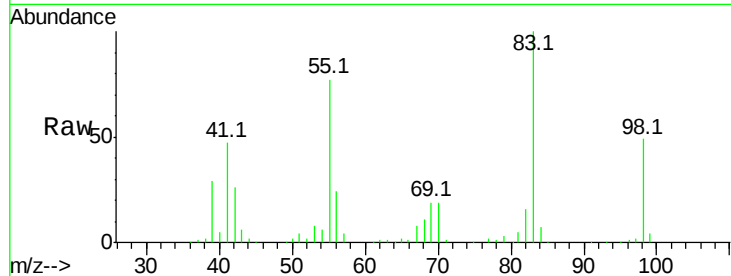




#39
Methvlcvclohexane
Concen: 18.083 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

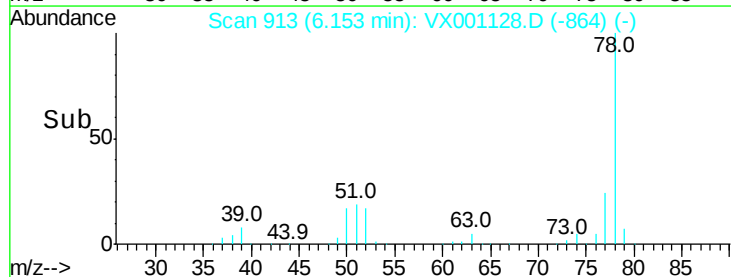
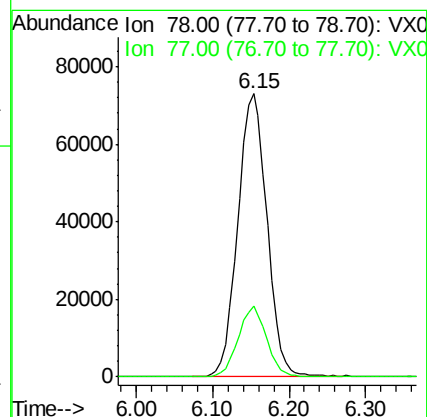
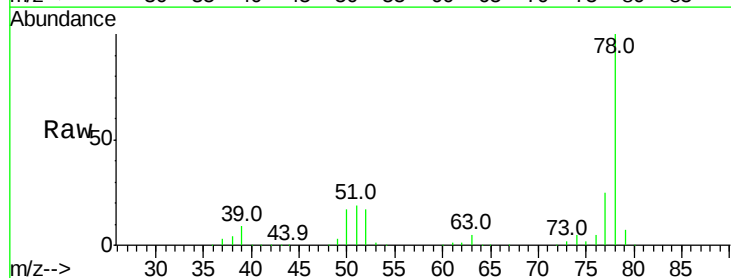
Instrument :
MSVOA_X
ClientSampleId :

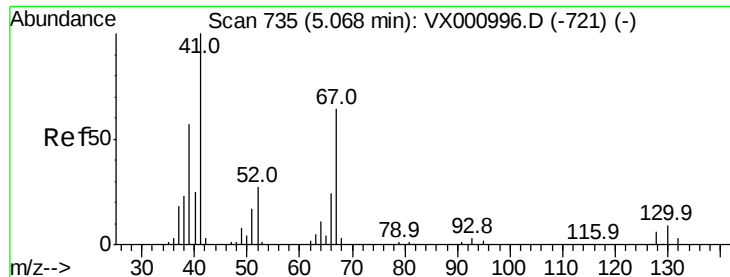
Tot Ion: 83 Resp: 74386
Ion Ratio Lower Upper
83 100
55 76.6 60.6 91.0
98 48.7 38.2 57.4



#40
Benzene
Concen: 19.648 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion: 78 Resp: 193048
Ion Ratio Lower Upper
78 100
77 24.9 18.9 28.3





#41

Methacrylonitrile

Concen: 20.905 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

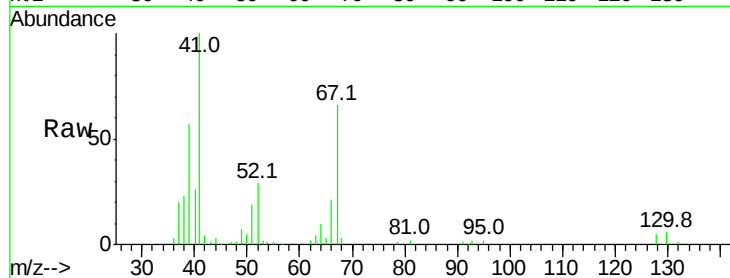
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 42320

Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.2	67.8
67	67.1	53.8	80.8
52	30.0	22.4	33.6

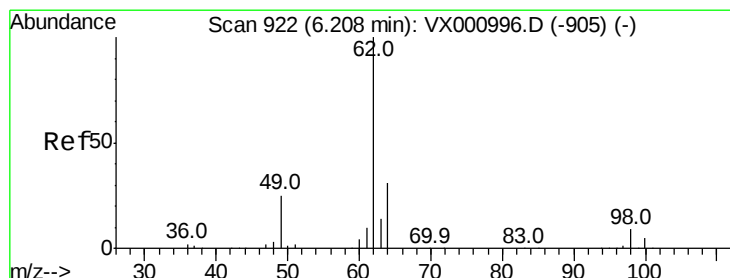
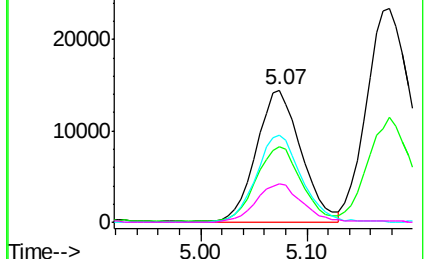
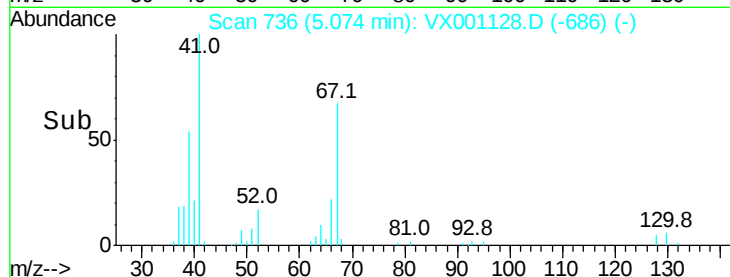


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.081 ug/l

RT: 6.21 min Scan# 922

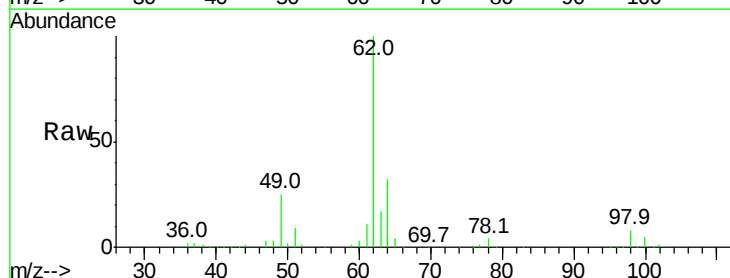
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

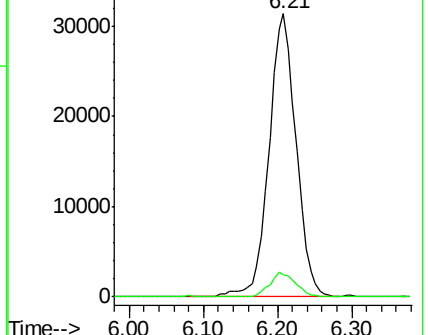
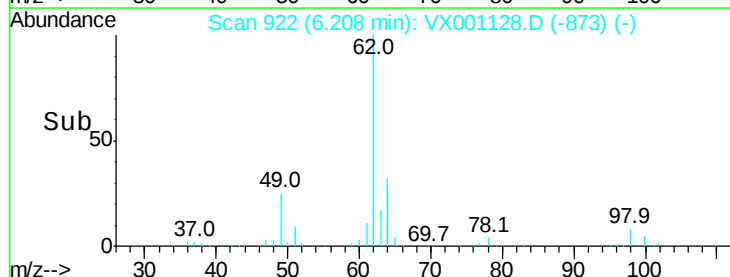
Tgt Ion: 62 Resp: 79506

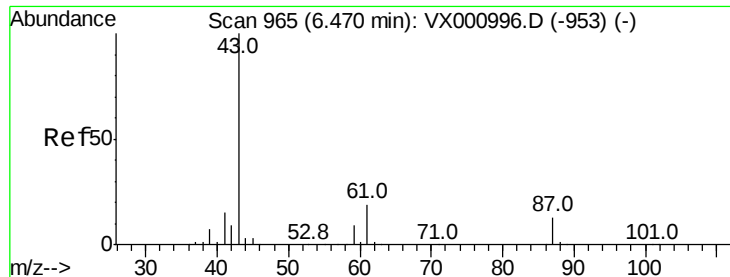
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.043 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

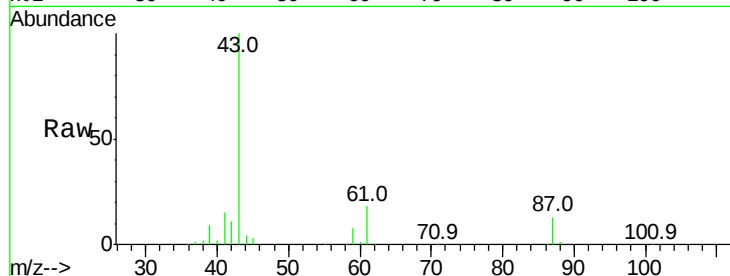
Tot Ion: 43 Resp: 117037

Ion Ratio Lower Upper

43 100

61 18.3 15.4 23.2

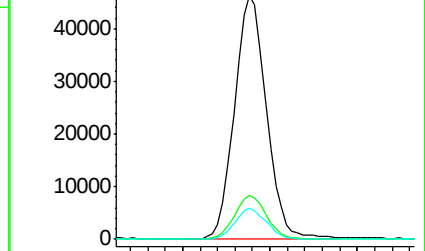
87 12.8 10.6 15.8



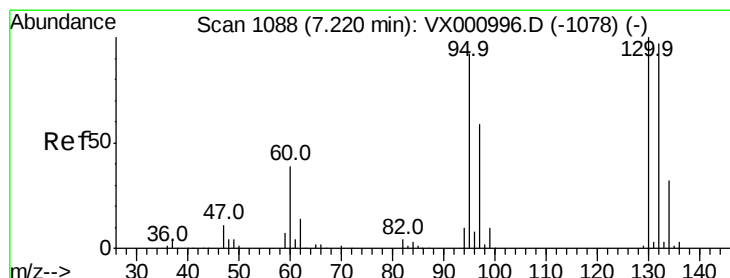
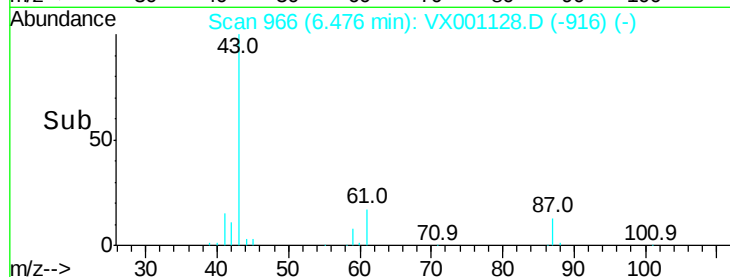
Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX000996.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX000996.D (-953) (-)



Time-->



#44

Trichloroethene

Concen: 18.843 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001128.D

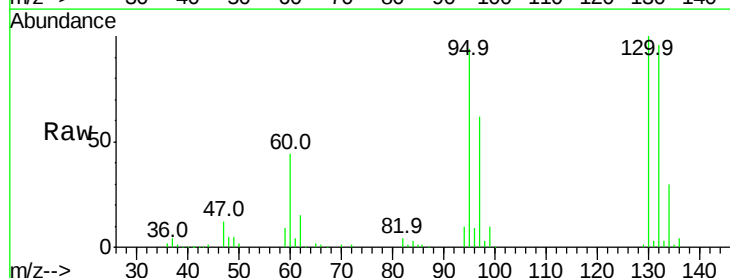
Acq: 25 Apr 2018 19:03

Tgt Ion:130 Resp: 56565

Ion Ratio Lower Upper

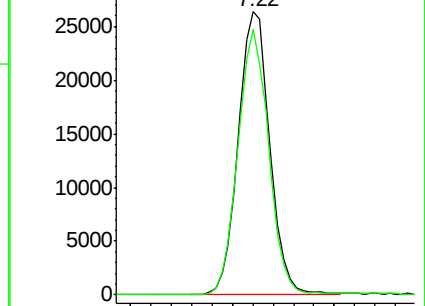
130 100

95 93.7 0.0 184.2

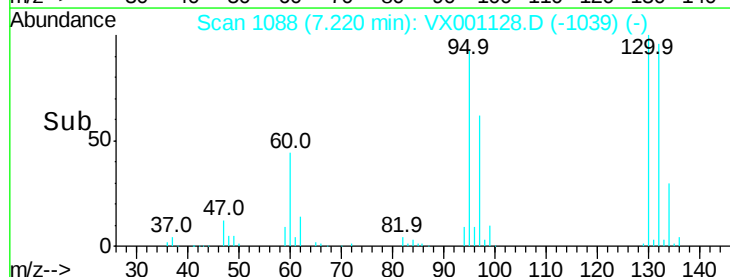


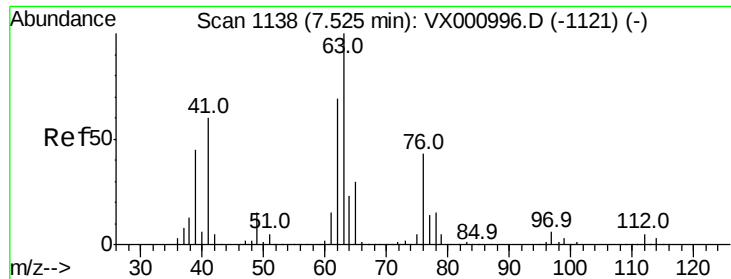
Abundance Ion 129.80 (129.50 to 130.50): VX000996.D (-1078) (-)

Ion 94.90 (94.60 to 95.60): VX000996.D (-1078) (-)



Time-->





#45

1,2-Dichloropropane

Concen: 20.839 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

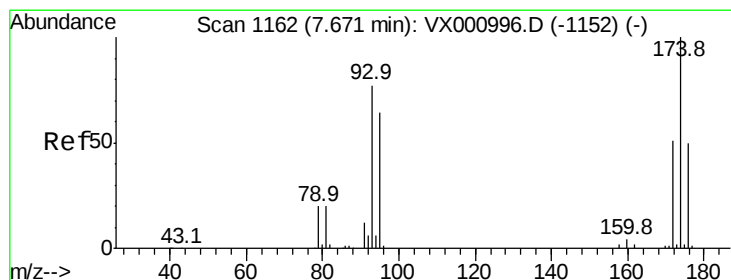
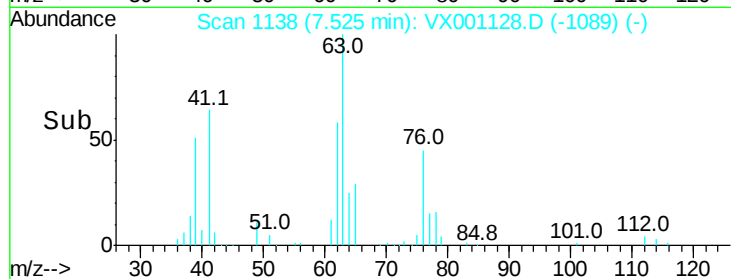
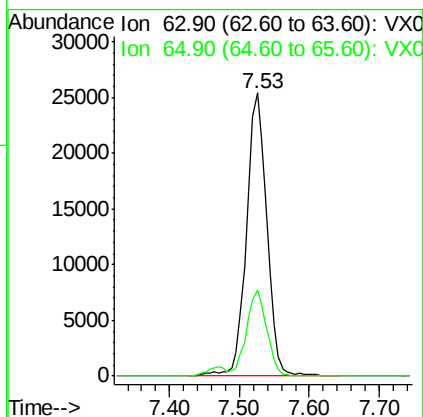
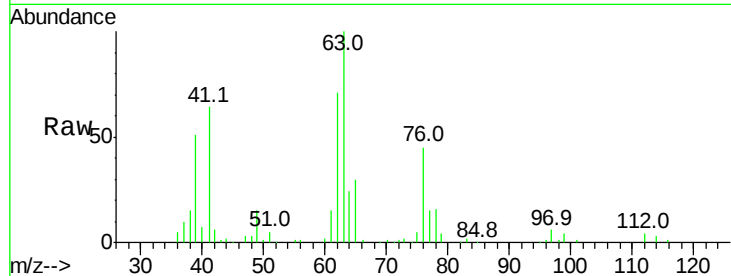
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 51486

Ion Ratio Lower Upper

63 100

65 30.4 24.4 36.6



#46

Dibromomethane

Concen: 20.566 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

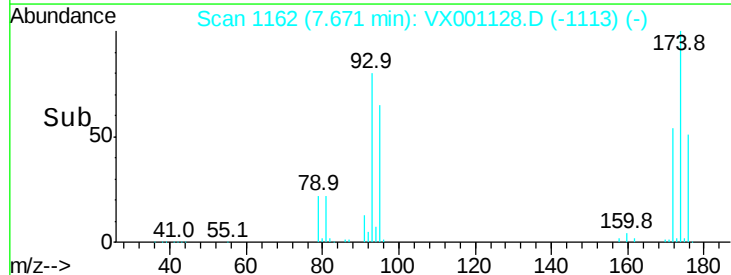
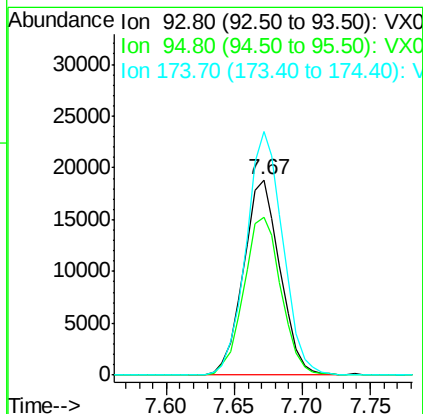
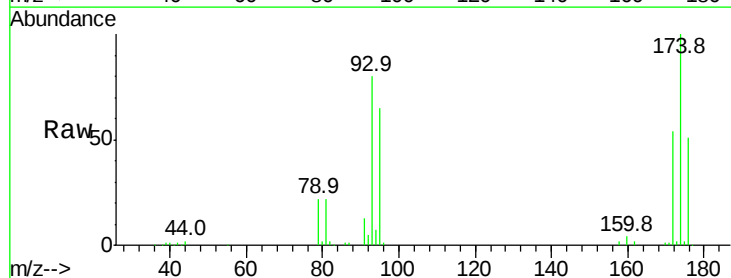
Tgt Ion: 93 Resp: 35501

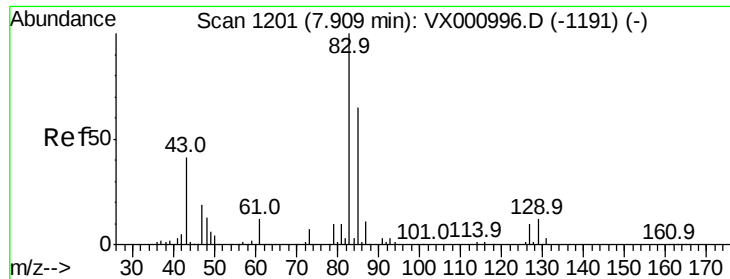
Ion Ratio Lower Upper

93 100

95 82.5 66.7 100.1

174 125.2 101.8 152.6





#47

Bromodichloromethane

Concen: 19.809 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :

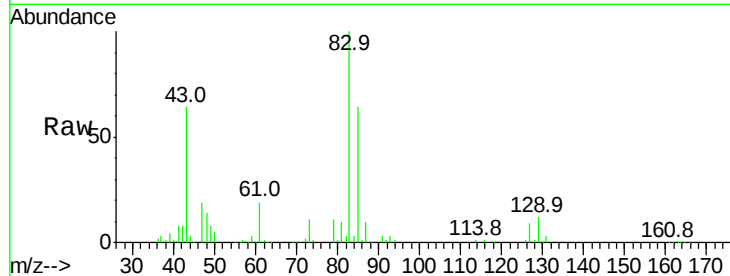
Tot Ion: 83 Resp: 63348

Ion Ratio Lower Upper

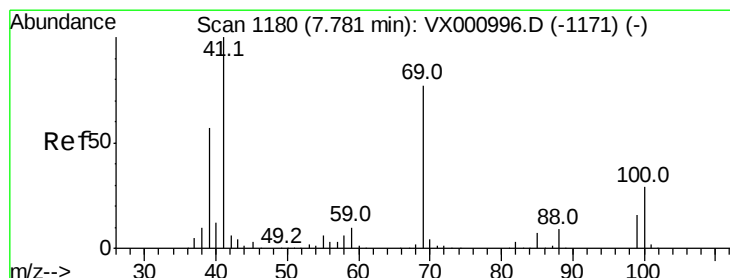
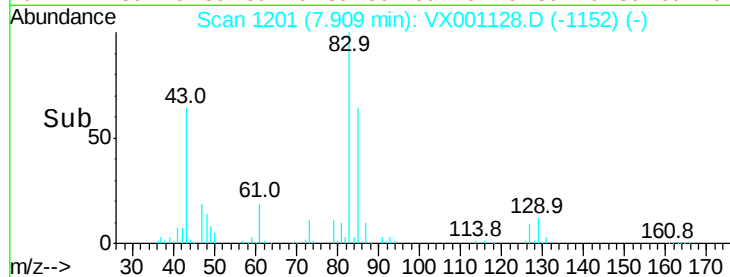
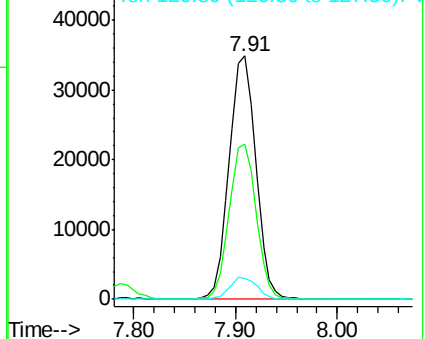
83 100

85 64.0 52.3 78.5

127 8.6 7.8 11.6



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



#48

Methyl methacrylate

Concen: 20.773 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

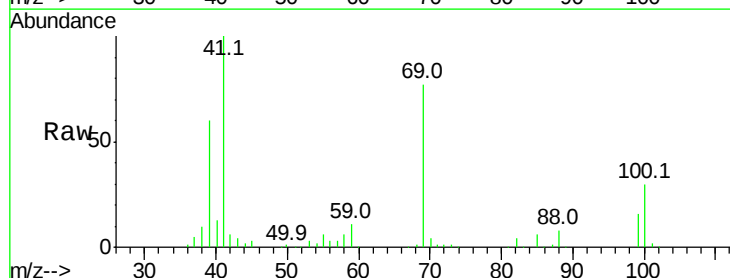
Tgt Ion: 41 Resp: 62209

Ion Ratio Lower Upper

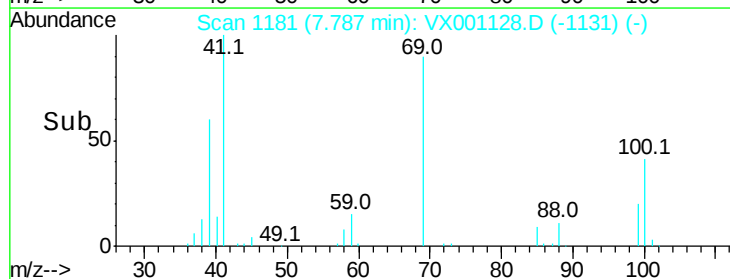
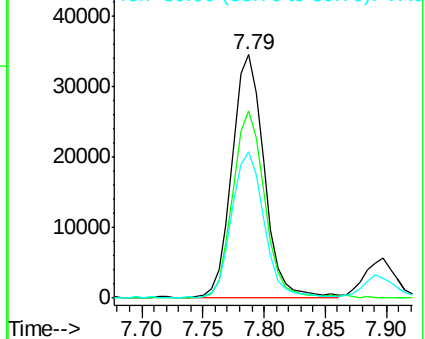
41 100

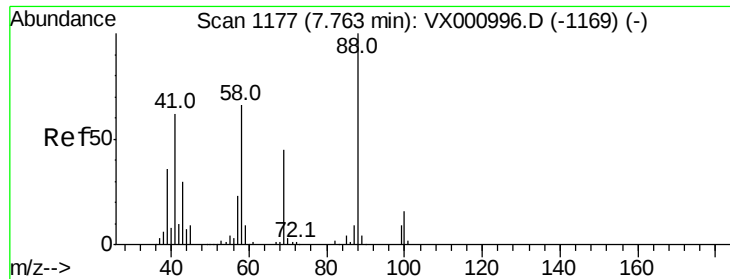
69 78.1 62.6 94.0

39 60.6 45.3 67.9



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: 492.041 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

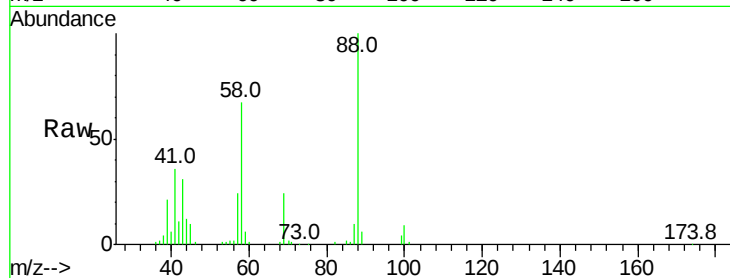
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 88 Resp: 21669

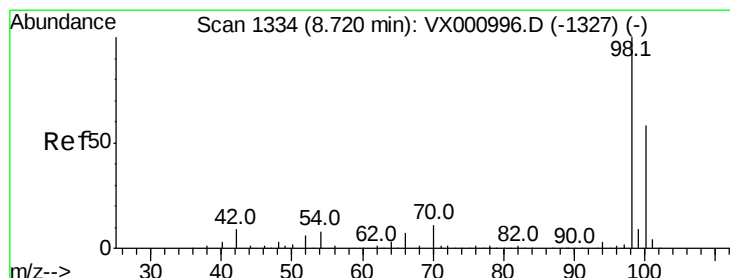
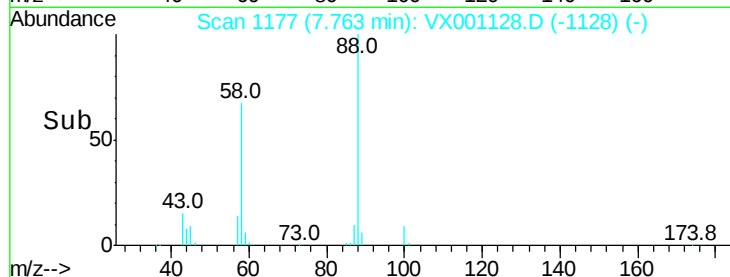
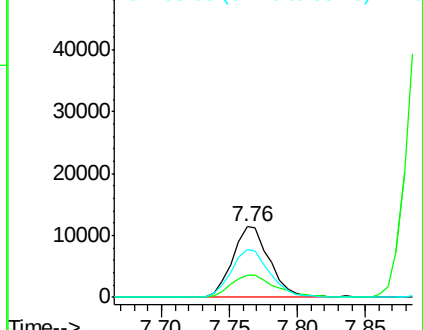
Ion	Ratio	Lower	Upper
88	100		
43	38.5	29.2	43.8
58	71.3	55.0	82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.376 ug/l

RT: 8.72 min Scan# 1334

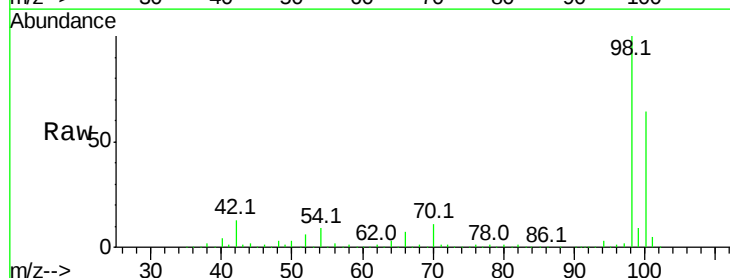
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

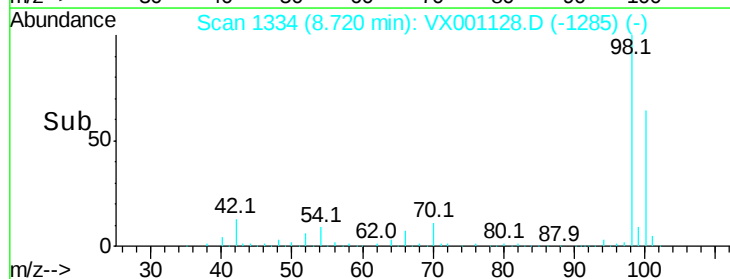
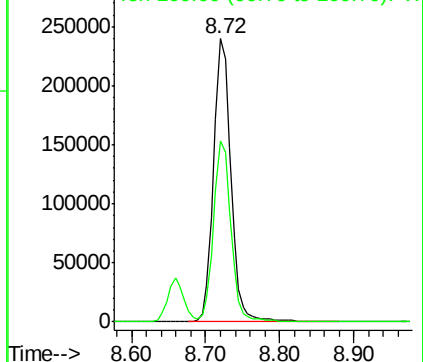
Tgt Ion: 98 Resp: 384774

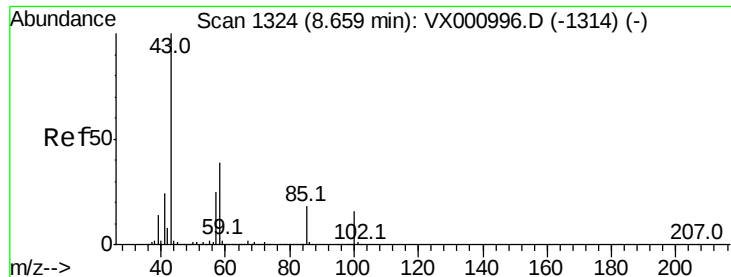
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

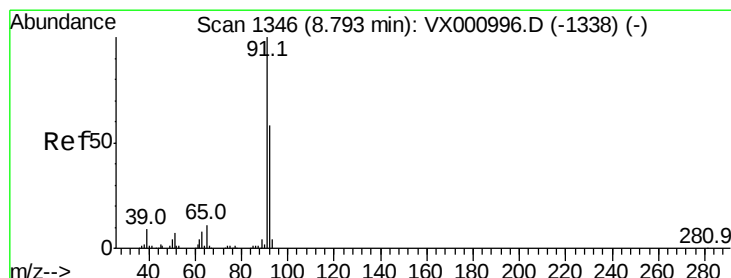
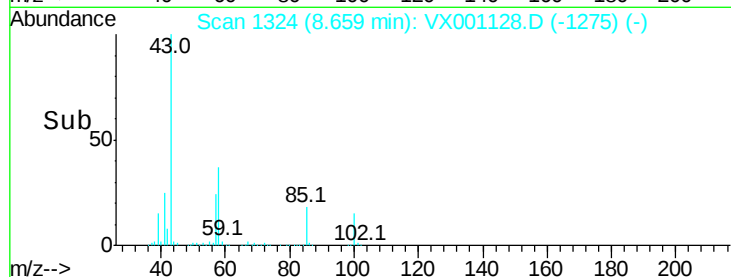
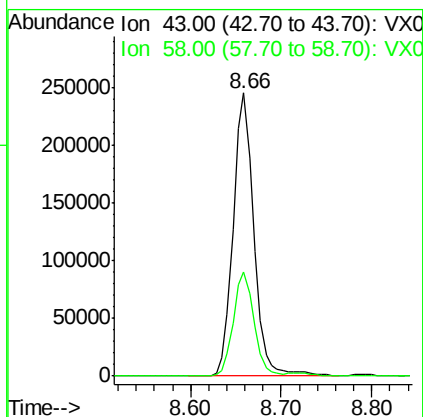
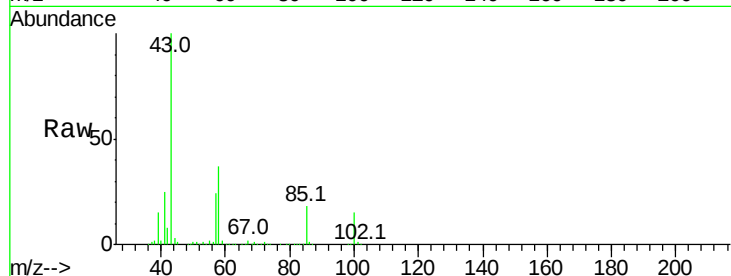




#51
4-Methyl-2-Pentanone
Concen: 115.086 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

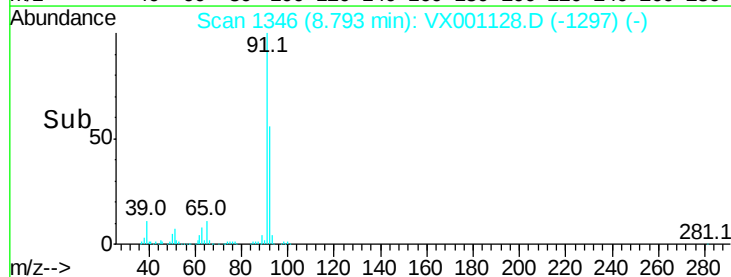
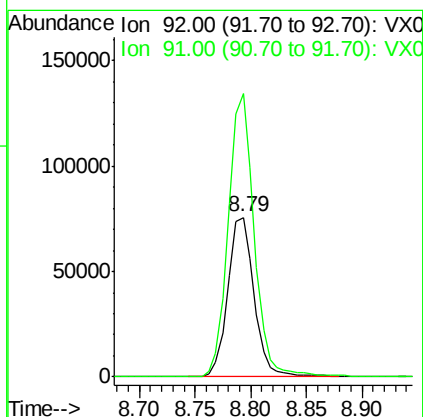
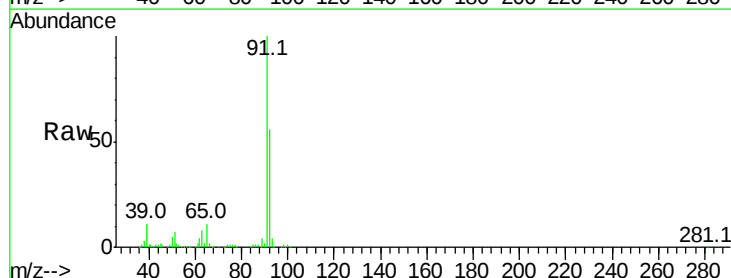
Instrument :
MSVOA_X
ClientSampled :

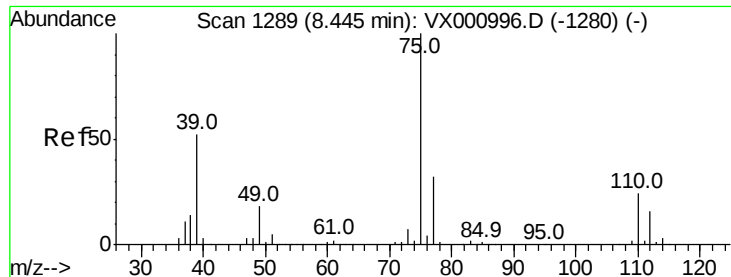
Tot Ion: 43 Resp: 388643
Ion Ratio Lower Upper
43 100
58 36.5 30.2 45.4



#52
Toluene
Concen: 19.350 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion: 92 Resp: 124093
Ion Ratio Lower Upper
92 100
91 176.0 138.2 207.4

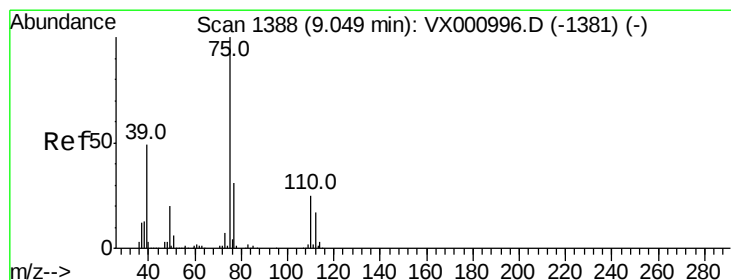
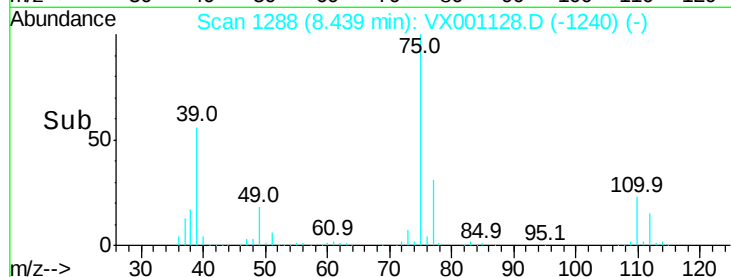
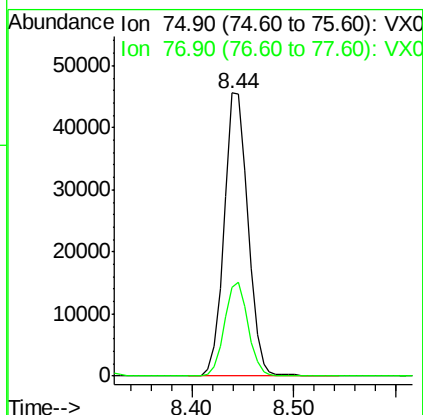
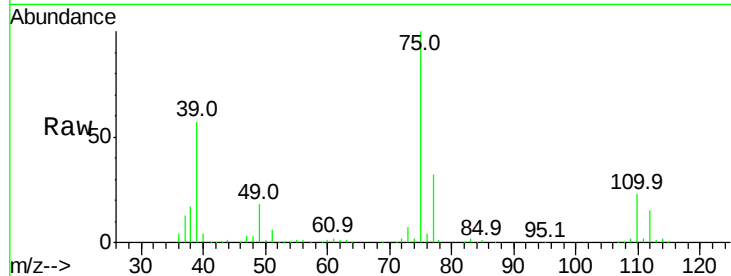




#53
 t-1,3-Dichloropropene
 Concen: 19.268 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

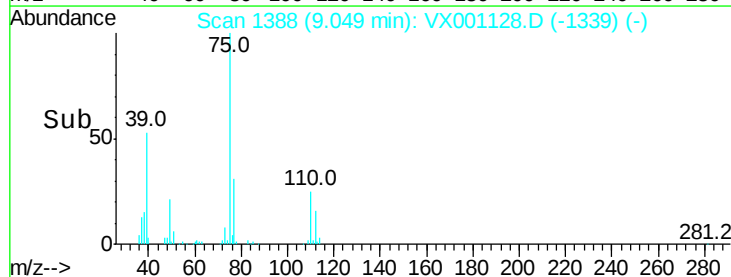
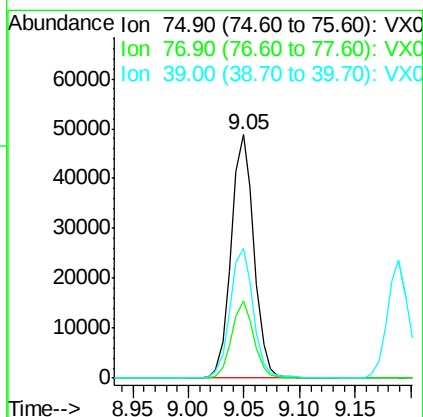
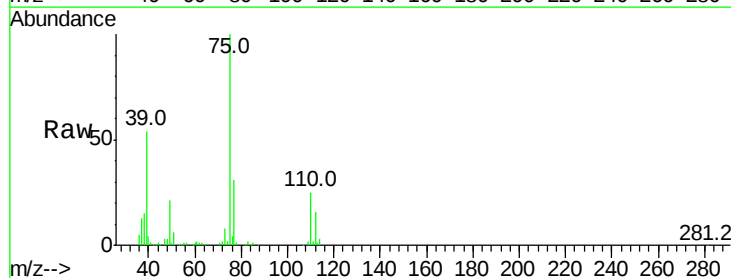
Instrument :
 MSVOA_X
 ClientSampleId :

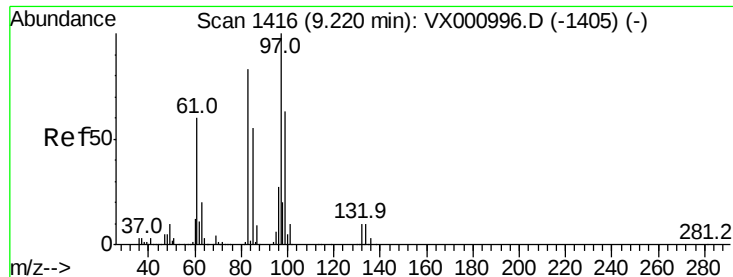
Tot Ion: 75 Resp: 73690
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.110 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion: 75 Resp: 68918
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 53.3 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.934 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 53359

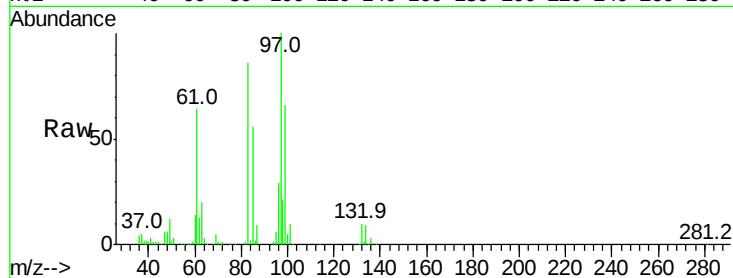
Ion Ratio Lower Upper

97 100

83 86.0 66.2 99.4

85 55.6 44.2 66.4

99 65.9 50.2 75.4

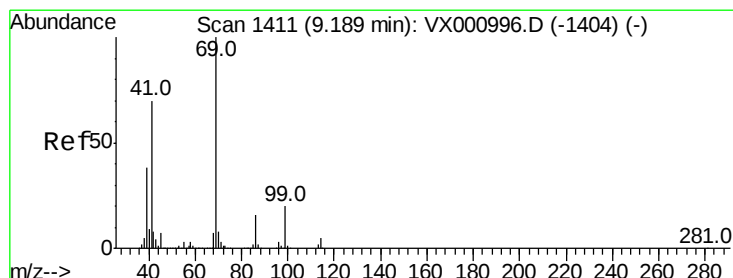
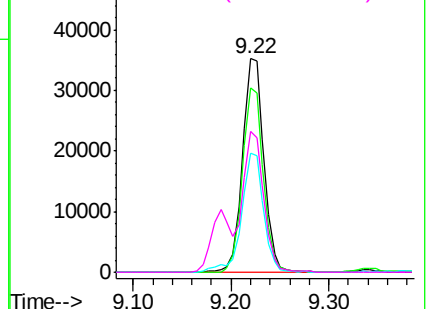
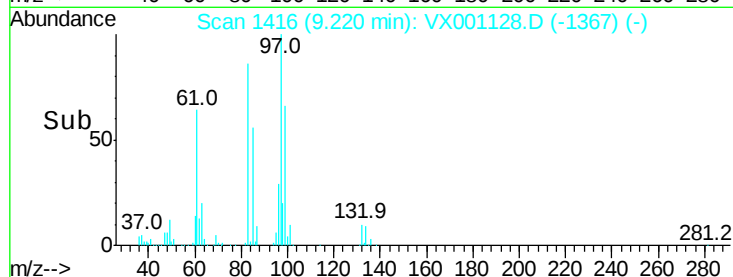


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.689 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

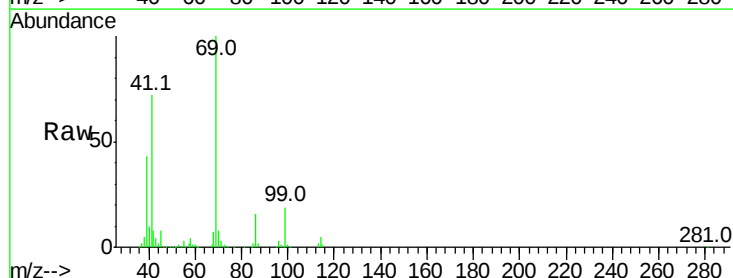
Tgt Ion: 69 Resp: 77454

Ion Ratio Lower Upper

69 100

41 71.4 56.3 84.5

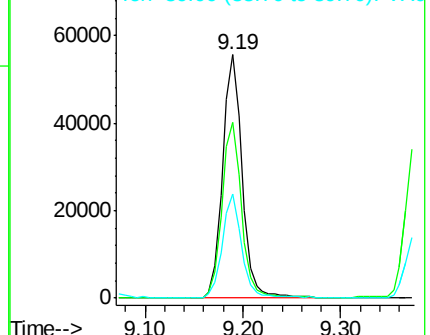
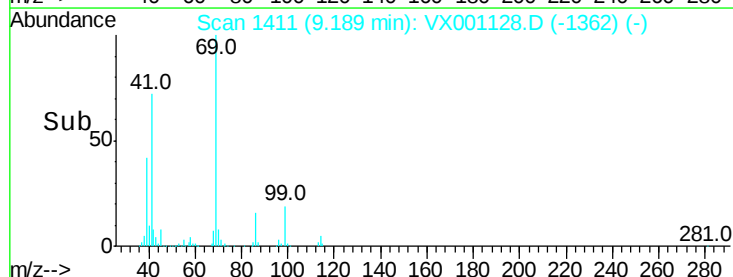
39 41.5 30.4 45.6

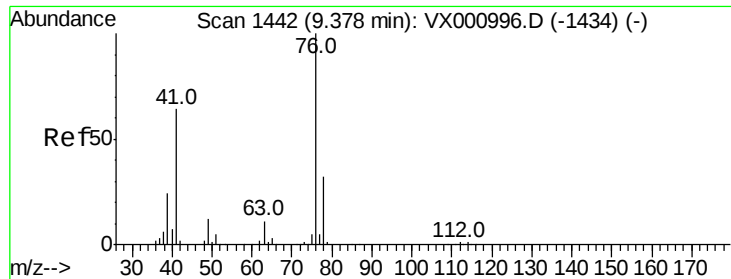


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

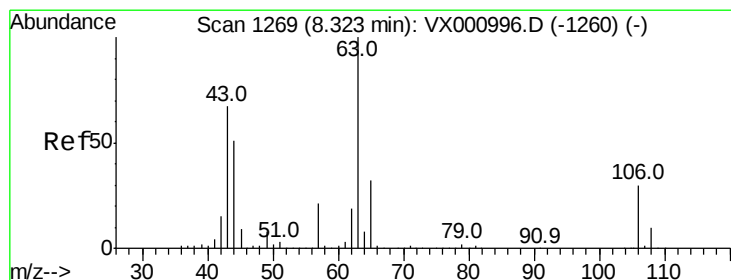
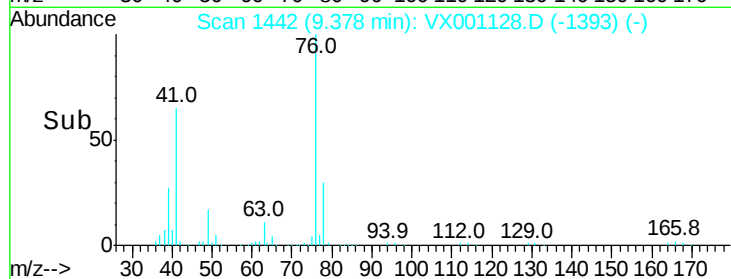
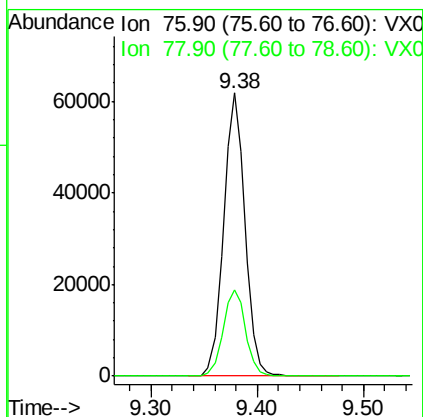
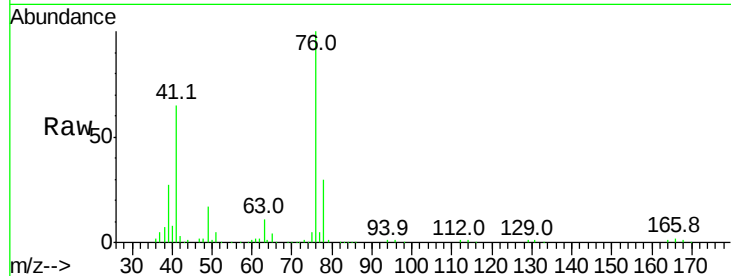




#57
 1,3-Dichloropropane
 Concen: 20.528 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

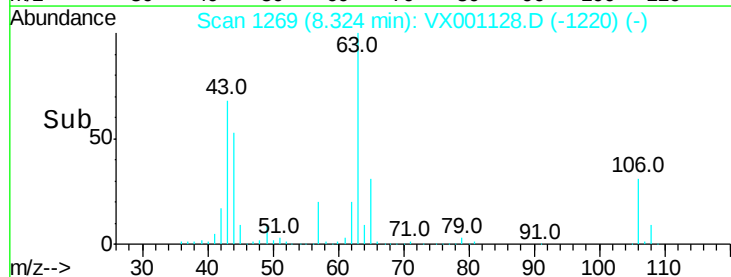
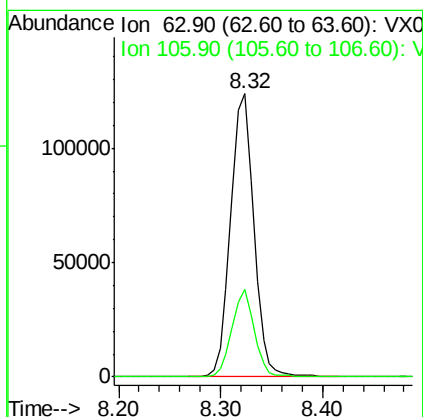
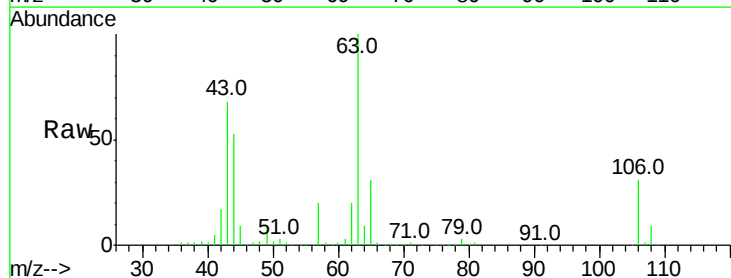
Instrument :
 MSVOA_X
 ClientSampleId :

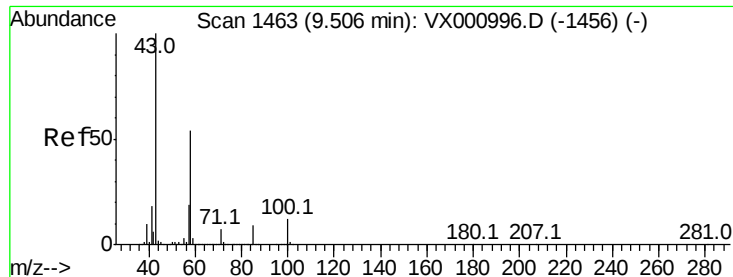
Tot Ion: 76 Resp: 86680
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.340 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion: 63 Resp: 194300
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6

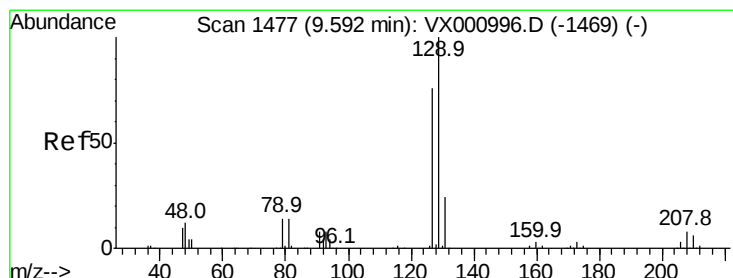
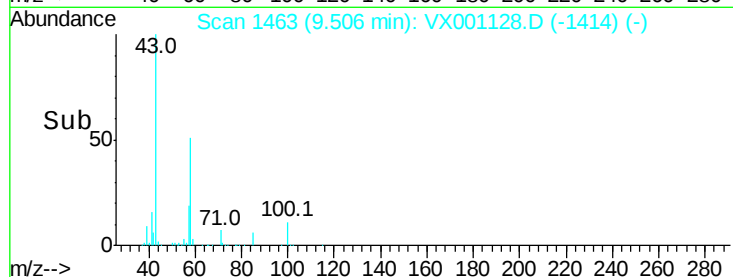
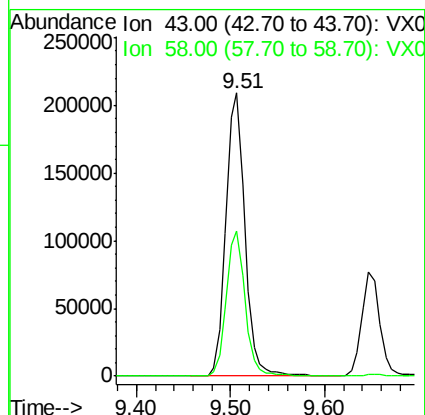
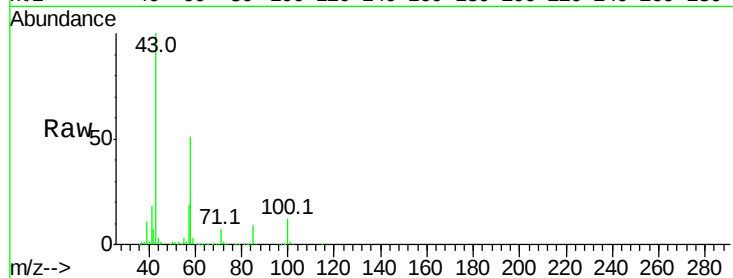




#59
2-Hexanone
Concen: 113.636 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

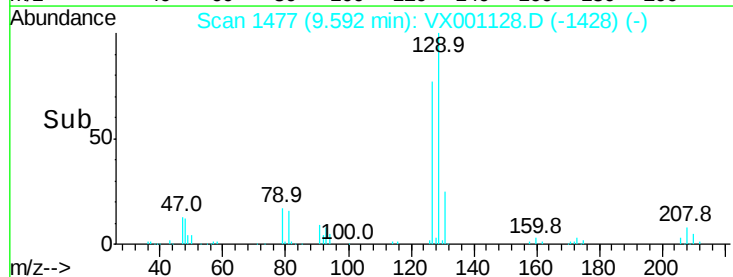
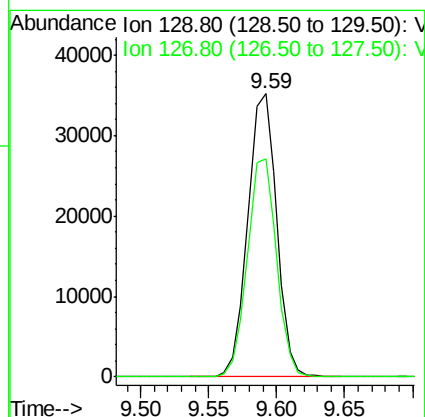
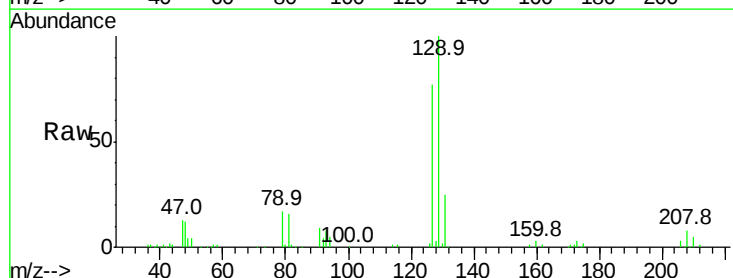
Instrument :
MSVOA_X
ClientSampleId :

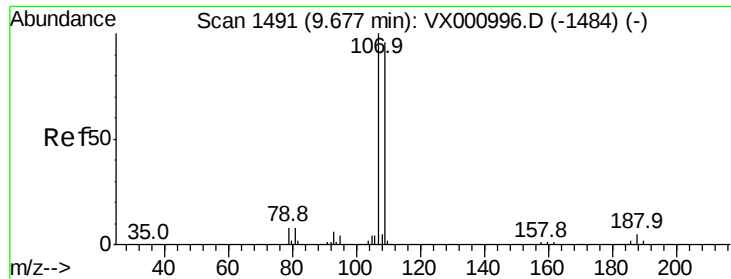
Tot Ion: 43 Resp: 293729
Ion Ratio Lower Upper
43 100
58 50.8 26.3 78.9



#60
Dibromochloromethane
Concen: 19.663 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion: 129 Resp: 52639
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.932 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

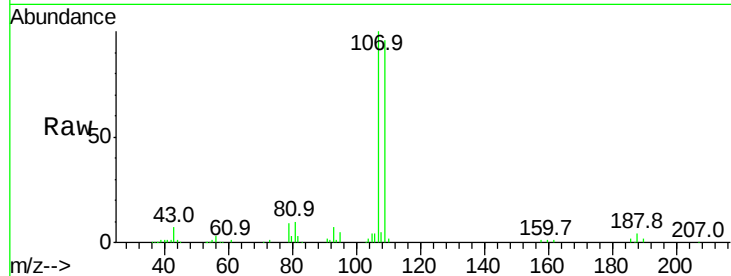
ClientSampleId :

Tot Ion:107 Resp: 56307

Ion Ratio Lower Upper

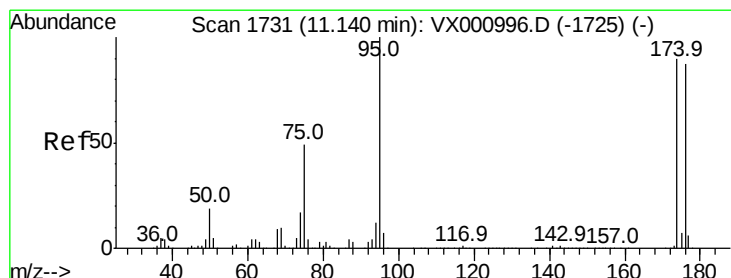
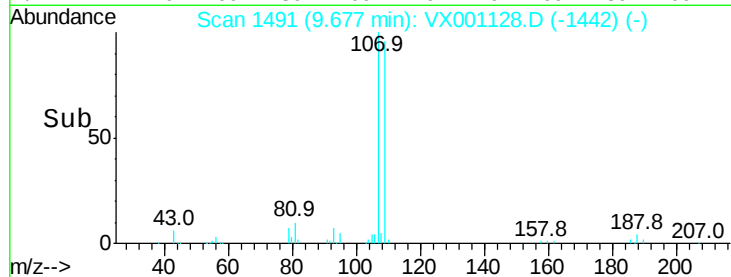
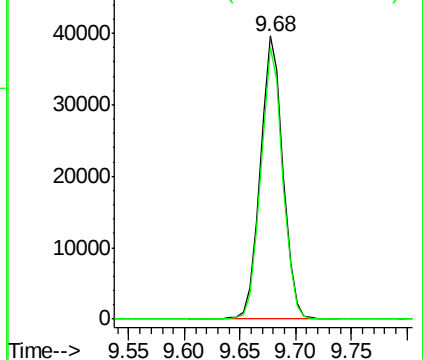
107 100

109 93.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.209 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

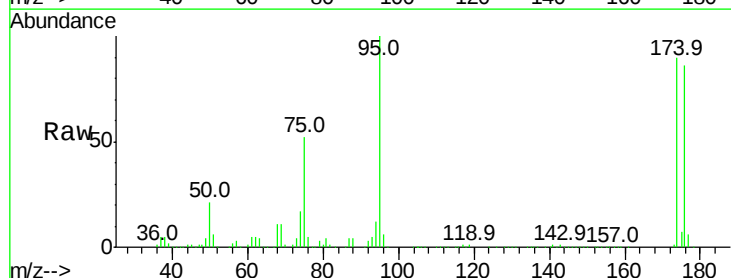
Tgt Ion: 95 Resp: 157327

Ion Ratio Lower Upper

95 100

174 97.9 0.0 198.4

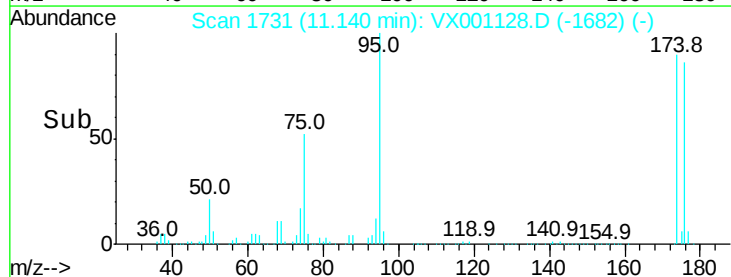
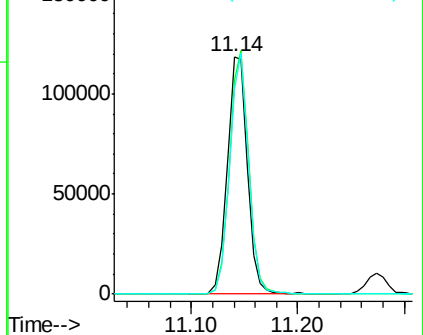
176 95.3 0.0 192.0

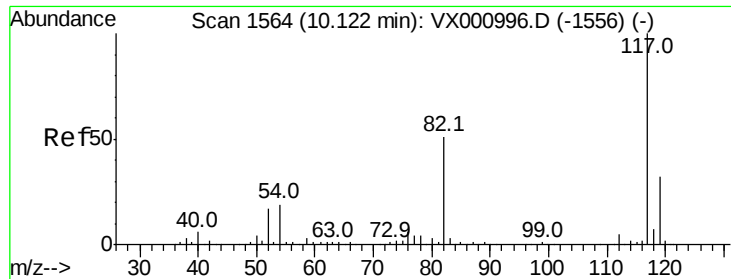


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

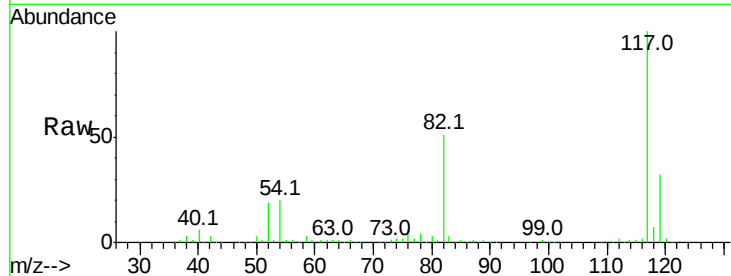




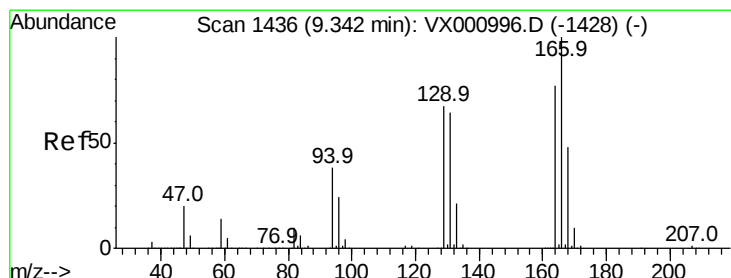
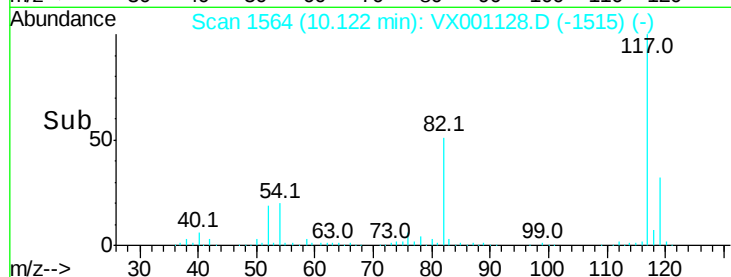
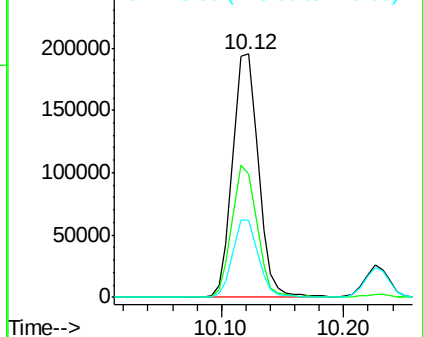
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 285447
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 31.8 26.0 39.0



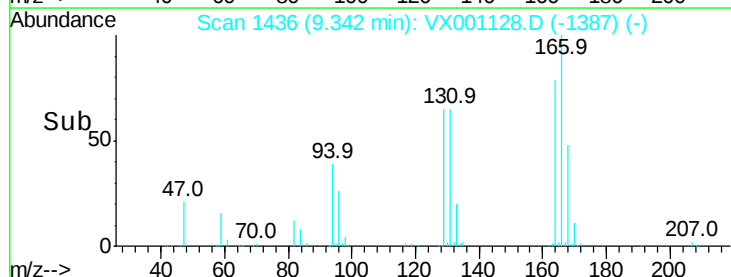
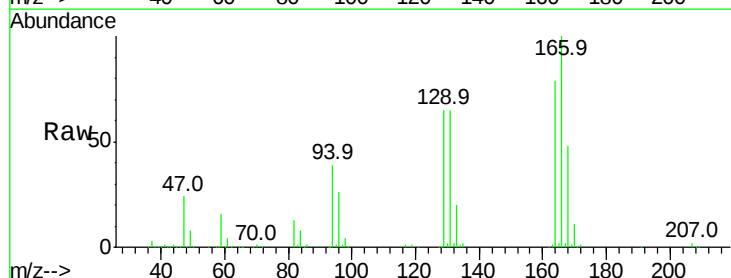
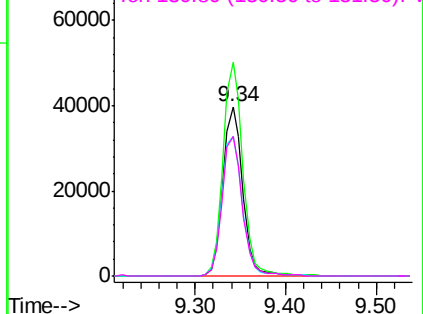
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

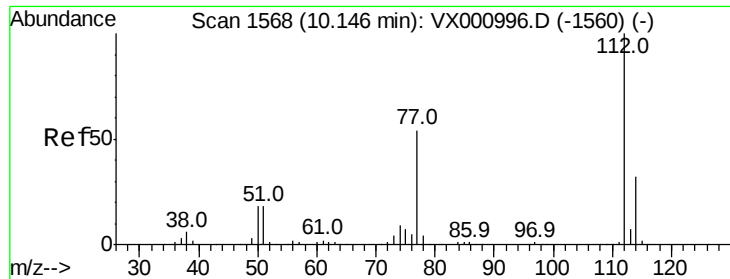


#64
Tetrachloroethene
Concen: 20.076 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion:164 Resp: 60857
Ion Ratio Lower Upper
164 100
166 126.0 103.5 155.3
129 82.4 69.6 104.4
131 82.3 65.8 98.8

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

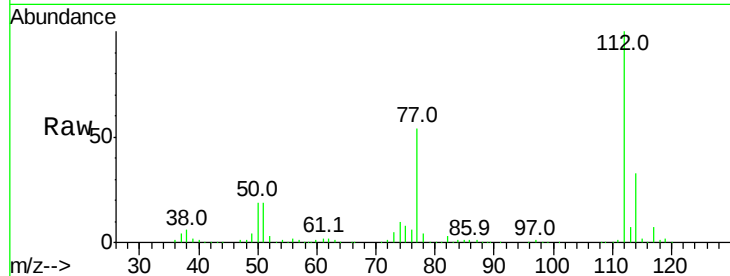




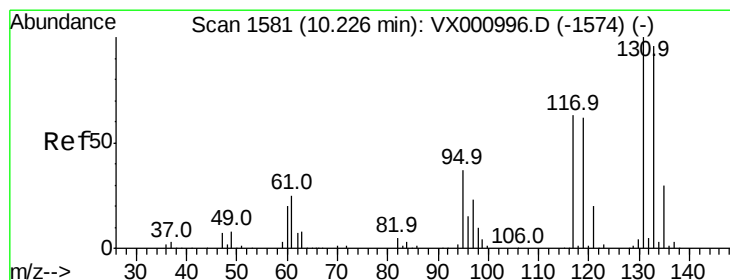
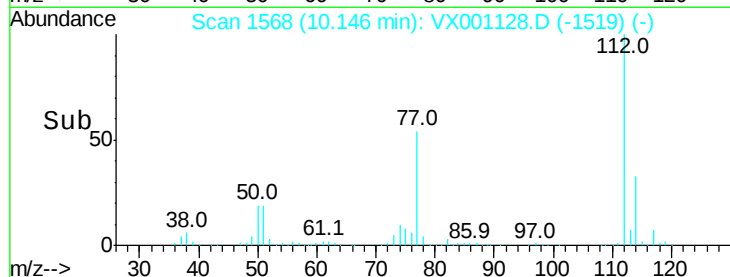
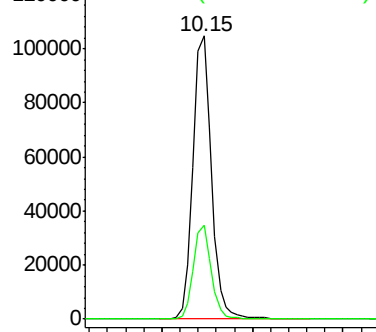
#65
Chlorobenzene
Concen: 19.699 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:112 Resp: 149725
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3

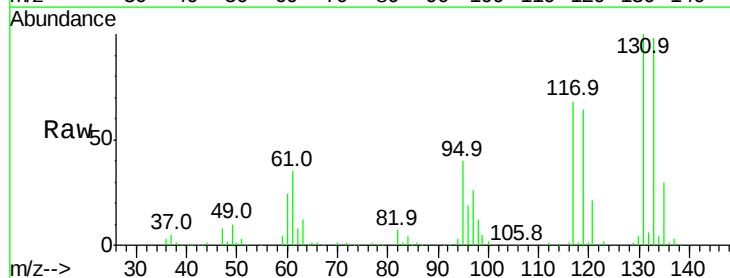


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

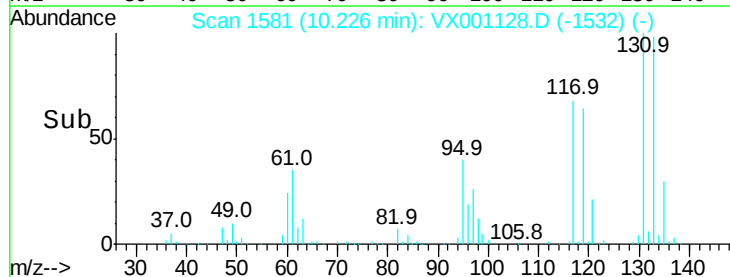
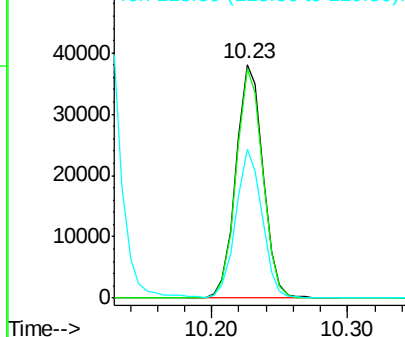


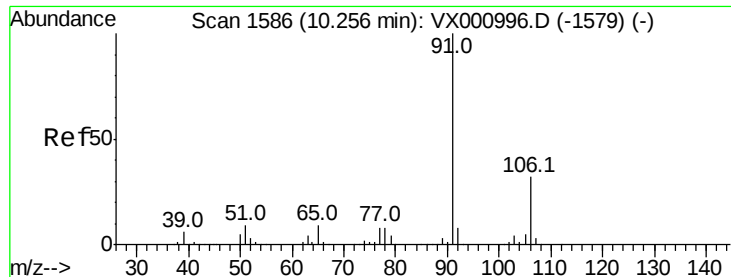
#66
1,1,1,2-Tetrachloroethane
Concen: 20.177 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion:131 Resp: 52638
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.8
119 61.8 31.1 93.2



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.385 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

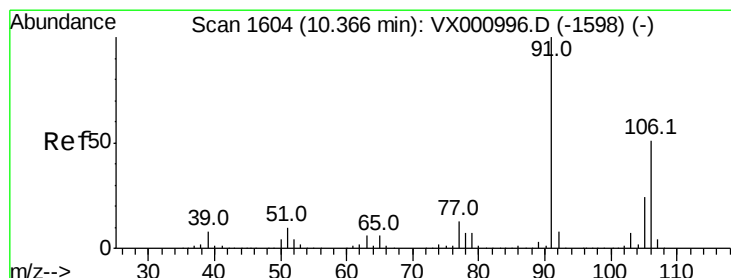
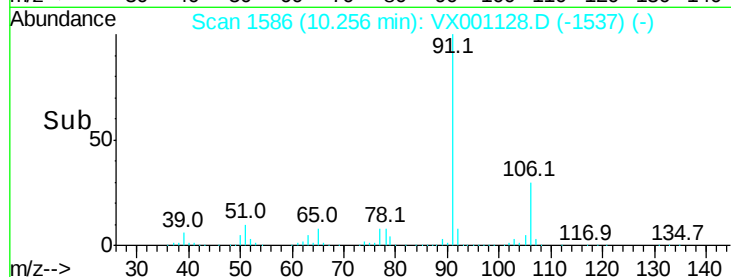
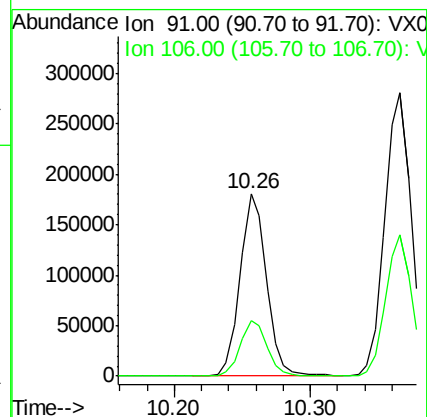
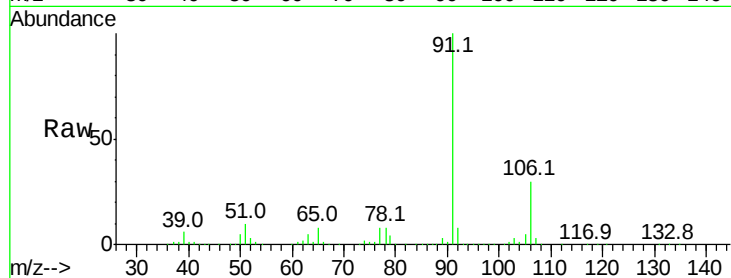
ClientSampled :

Tot Ion: 91 Resp: 244680

Ion Ratio Lower Upper

91 100

106 30.5 25.7 38.5



#68

m/p-Xylenes

Concen: 38.156 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001128.D

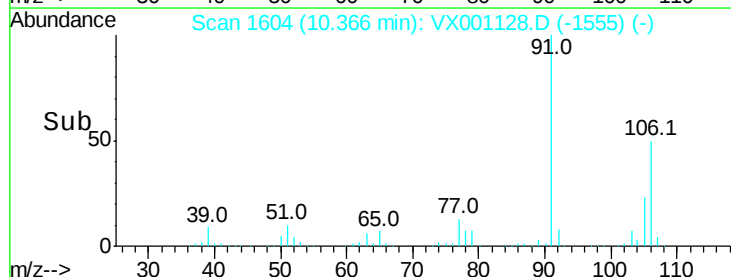
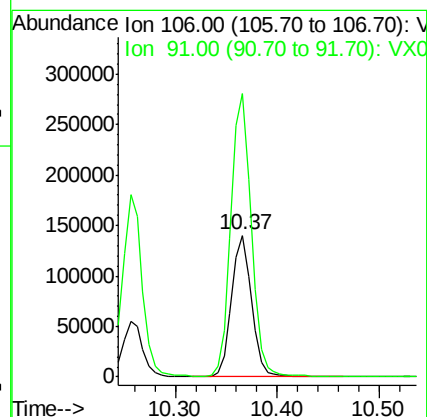
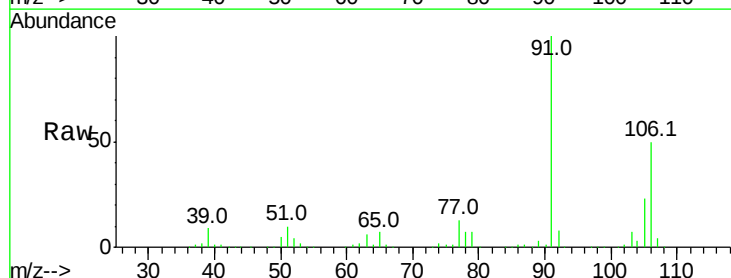
Acq: 25 Apr 2018 19:03

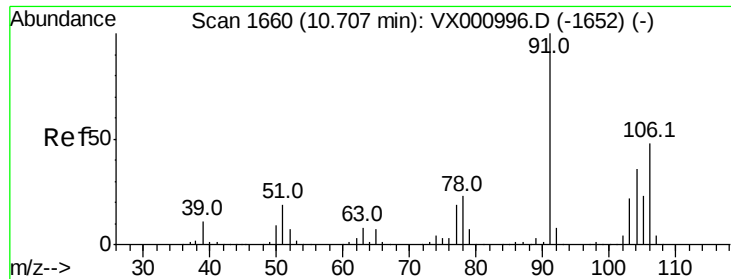
Tgt Ion: 106 Resp: 189818

Ion Ratio Lower Upper

106 100

91 205.4 159.3 238.9

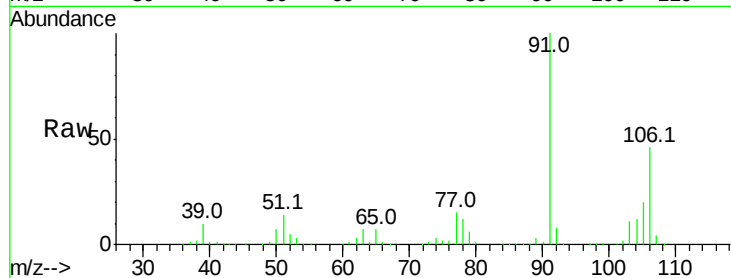




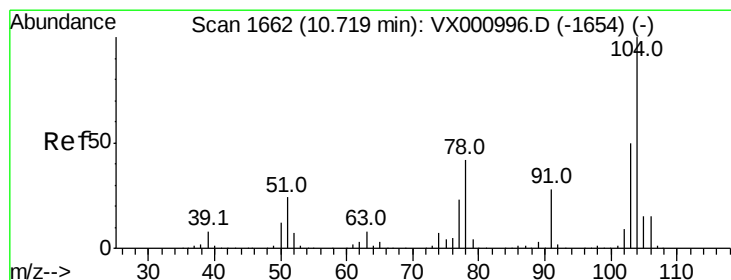
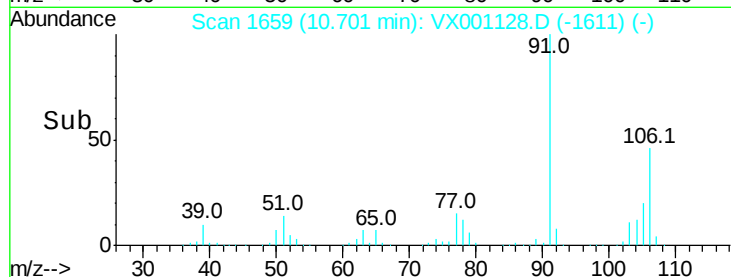
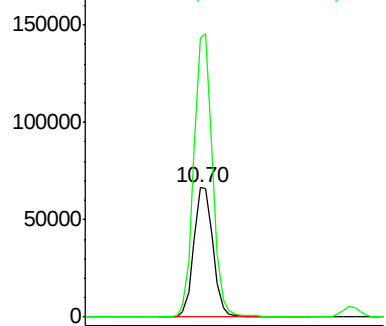
#69
o-Xylene
Concen: 19.690 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 94433
Ion Ratio Lower Upper
106 100
91 212.2 105.1 315.1

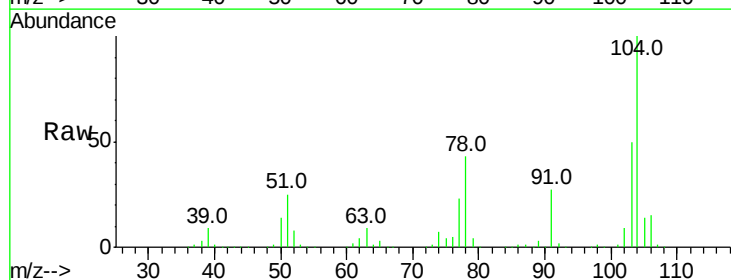


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

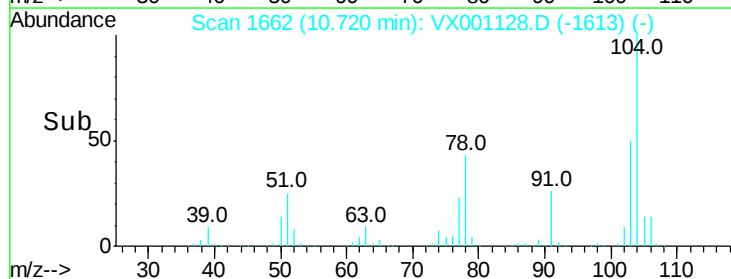
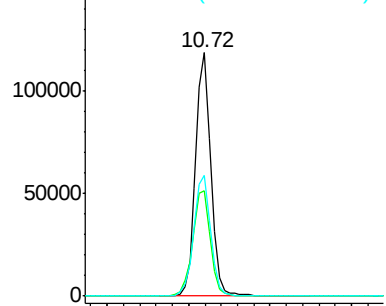


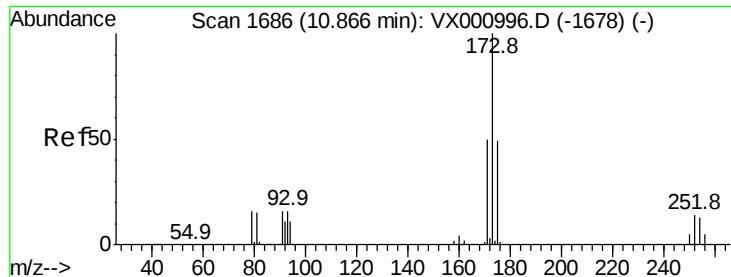
#70
Styrene
Concen: 19.625 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion:104 Resp: 155007
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 55.1 44.2 66.2



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

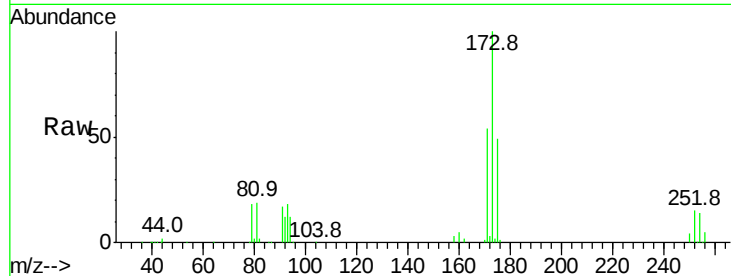




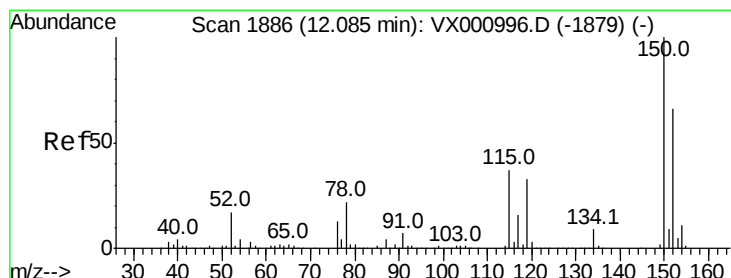
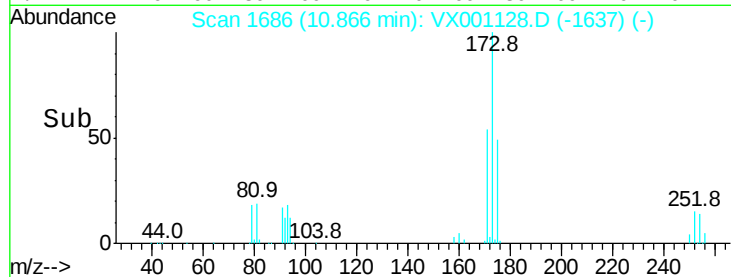
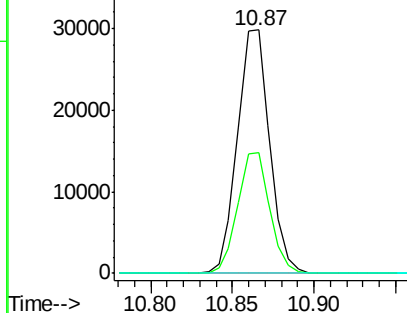
#71
Bromoform
Concen: 18.736 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 41127
Ion Ratio Lower Upper
173 100
175 49.3 24.8 74.3
254 0.2 0.2 0.2

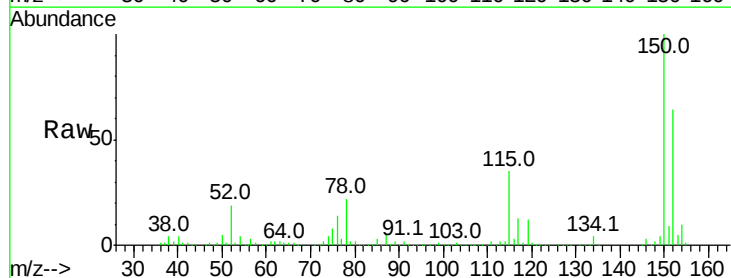


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

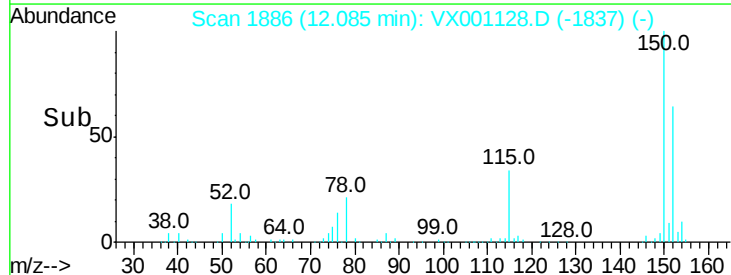
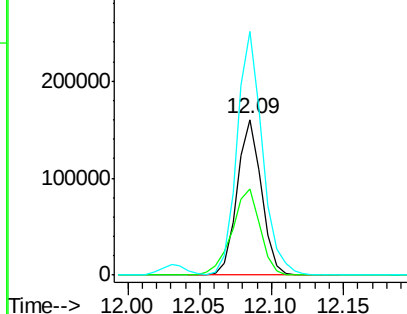


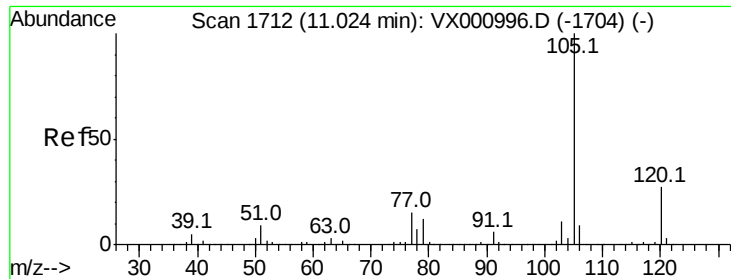
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion:152 Resp: 189107
Ion Ratio Lower Upper
152 100
115 64.0 38.2 114.6
150 163.5 0.0 350.4



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: 20.719 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

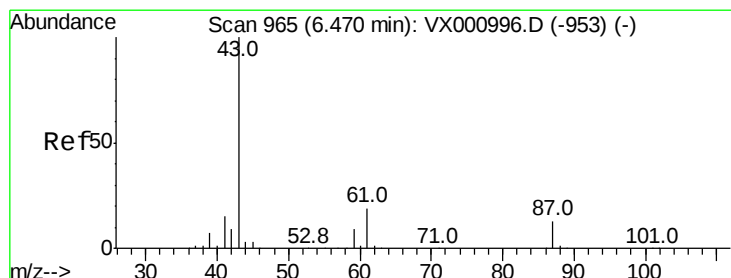
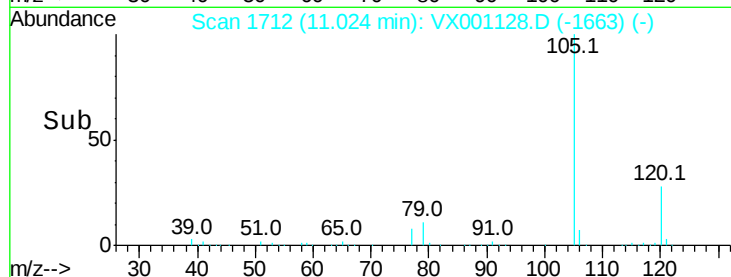
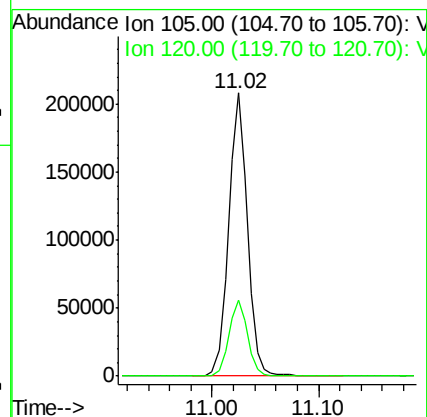
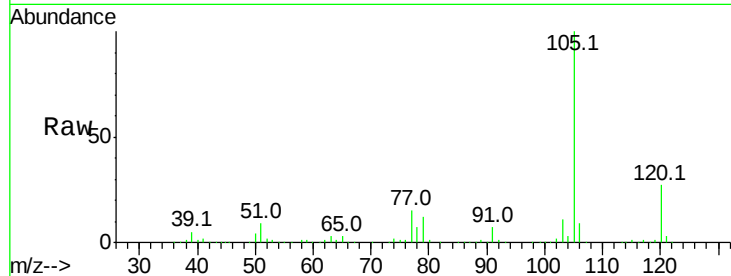
ClientSampleId :

Tot Ion:105 Resp: 256151

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 22.130 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion: 43 Resp: 117037

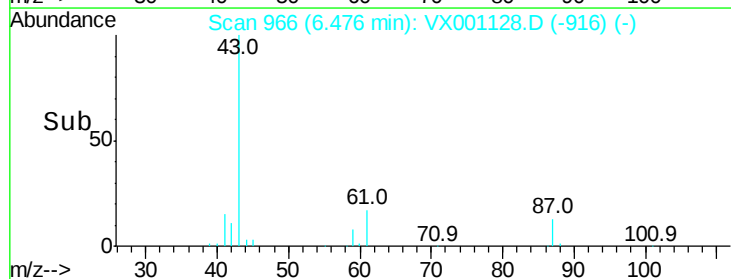
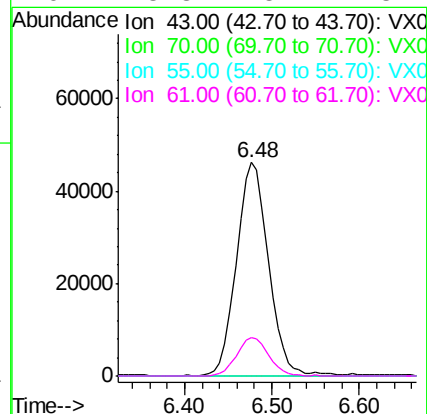
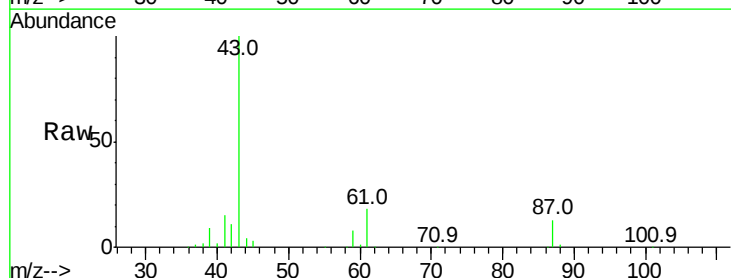
Ion Ratio Lower Upper

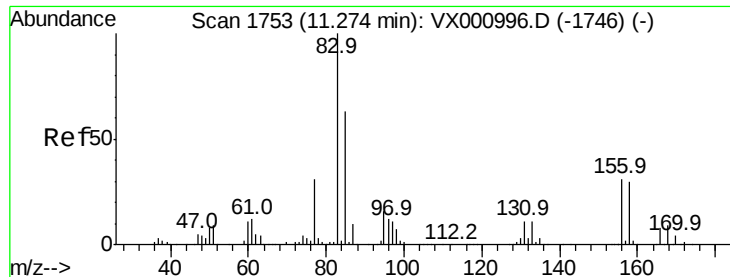
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.3 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.904 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

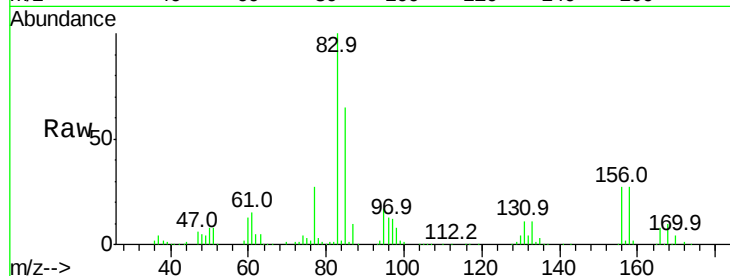
Tot Ion: 83 Resp: 80160

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

85 64.5 32.0 96.2



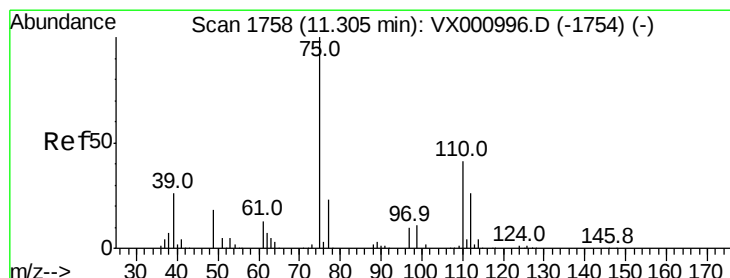
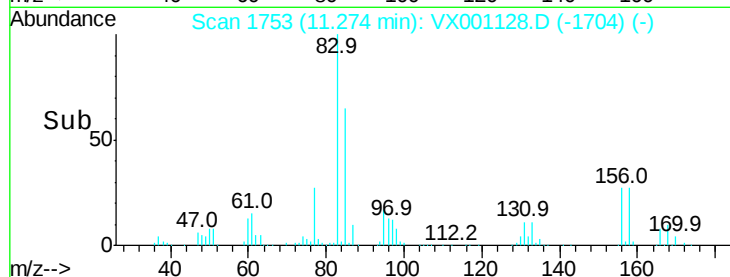
Abundance Ion 82.90 (82.60 to 83.60): VX001128.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX001128.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX001128.D (-1704) (-)

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 26.585 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001128.D

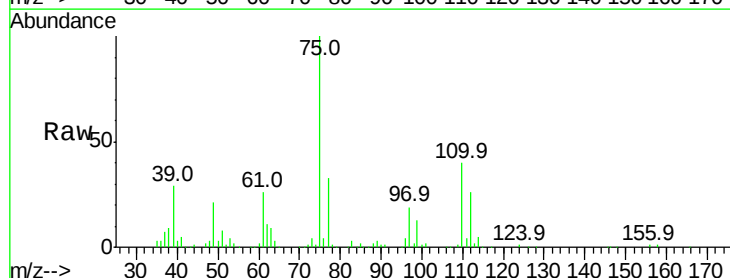
Acq: 25 Apr 2018 19:03

Tgt Ion: 75 Resp: 87224

Ion Ratio Lower Upper

75 100

77 31.4 19.6 58.7

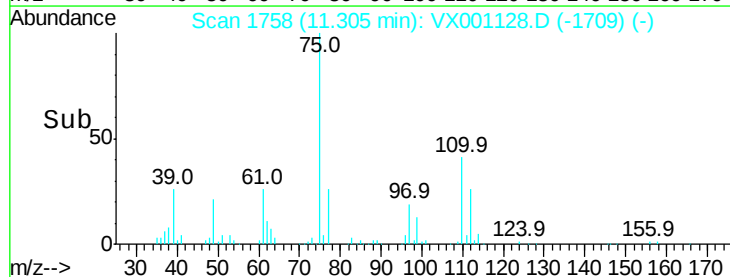


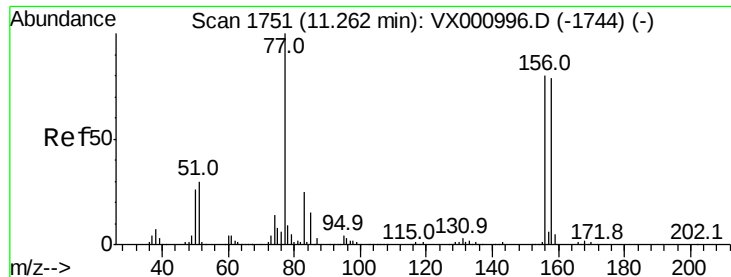
Abundance Ion 74.90 (74.60 to 75.60): VX001128.D (-1709) (-)

Ion 77.00 (76.70 to 77.70): VX001128.D (-1709) (-)

11.30

Time-->





#77

Bromobenzene

Concen: 20.138 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

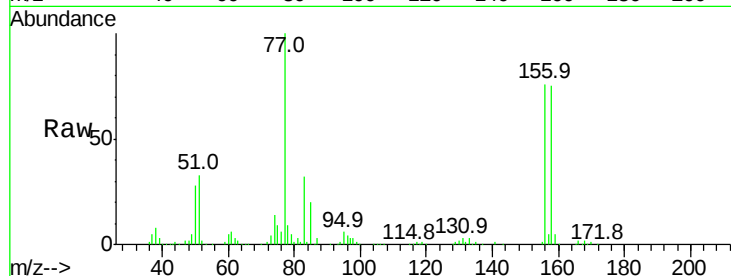
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:156 Resp: 72267

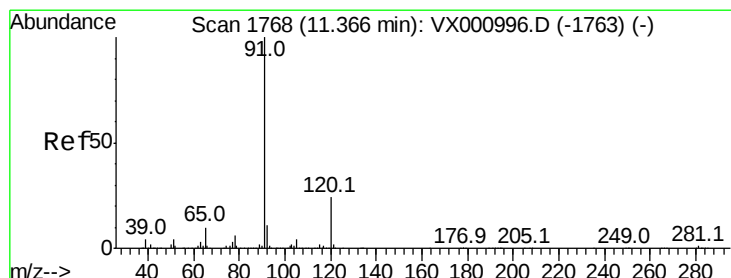
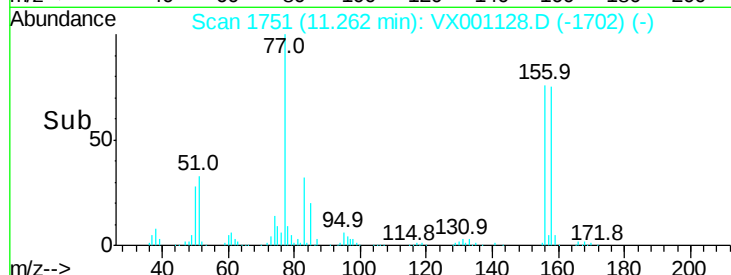
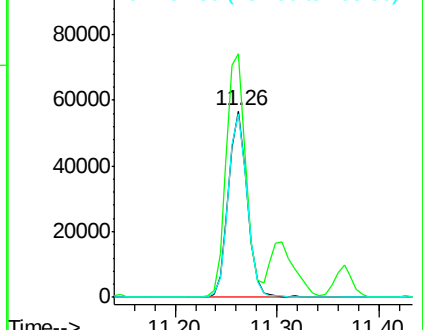
Ion	Ratio	Lower	Upper
156	100		
77	137.9	66.3	199.0
158	98.9	48.9	146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VX0

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 20.016 ug/l

RT: 11.37 min Scan# 1768

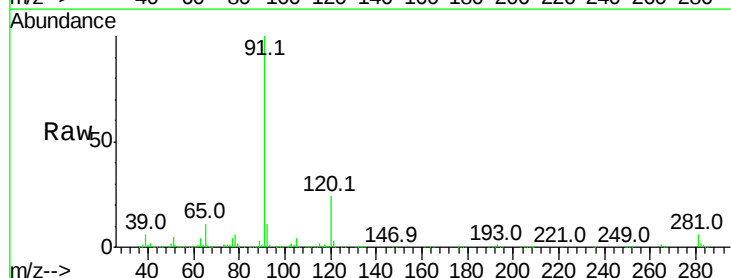
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

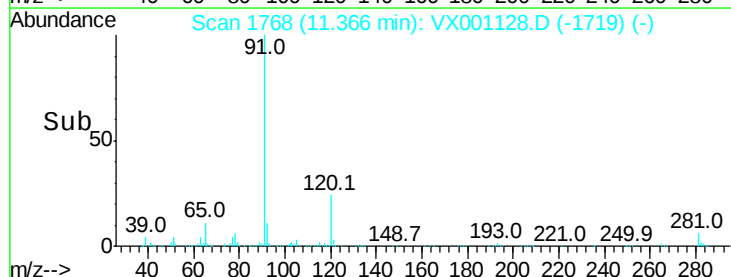
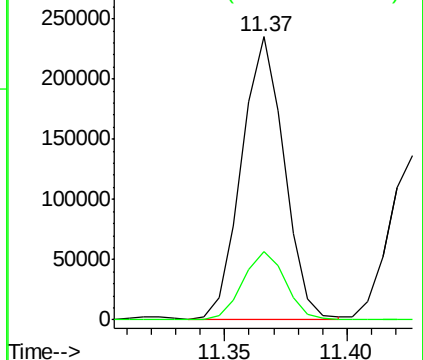
Tgt Ion: 91 Resp: 284082

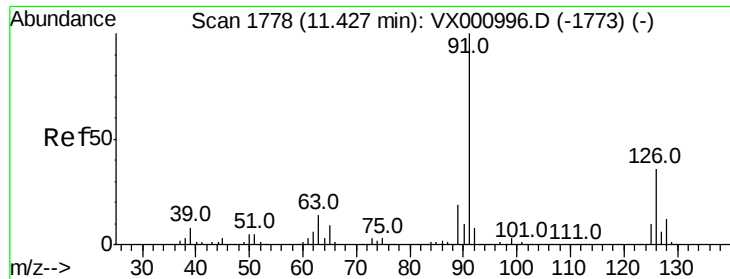
Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.0



Abundance Ion 91.00 (90.70 to 91.30): VX0

Ion 120.00 (119.70 to 120.30): V

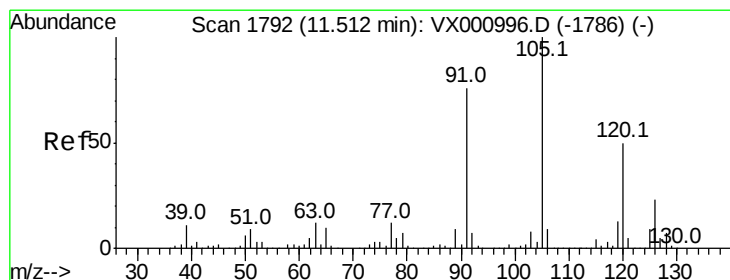
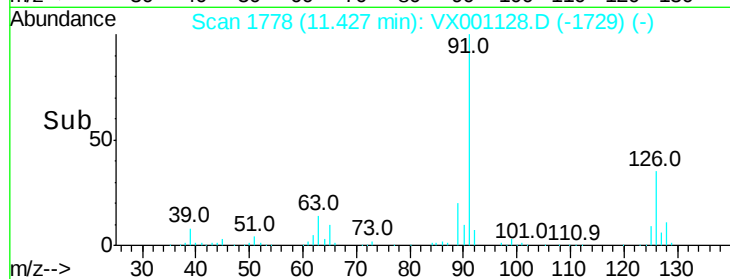
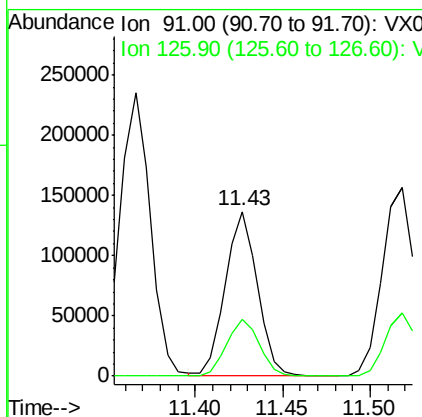
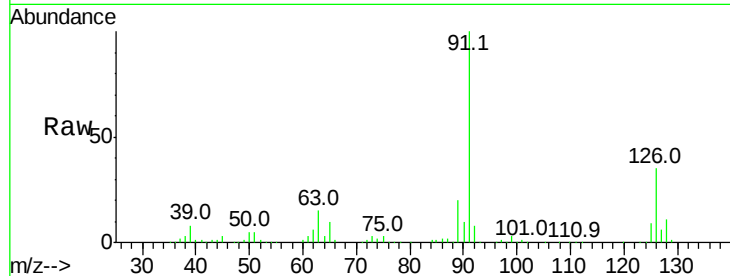




#79
 2-Chlorotoluene
 Concen: 20.693 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

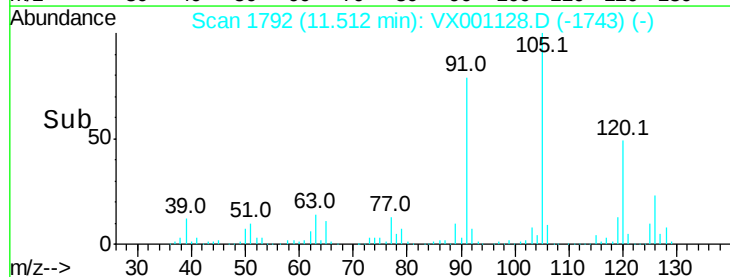
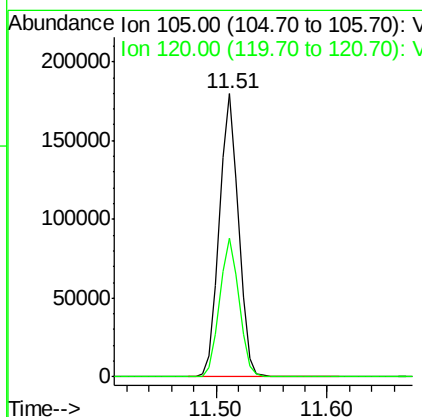
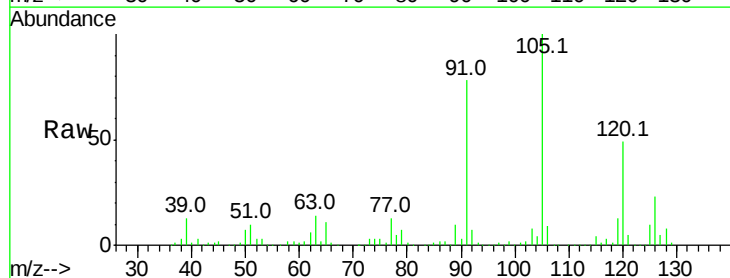
Instrument :
 MSVOA_X
 ClientSampleId :

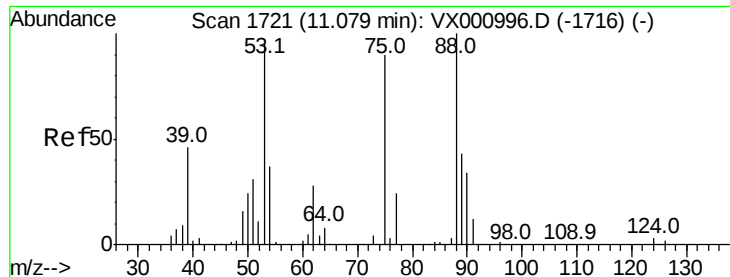
Tot Ion: 91 Resp: 173546
 Ion Ratio Lower Upper
 91 100
 126 35.6 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.464 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion: 105 Resp: 214460
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.700 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

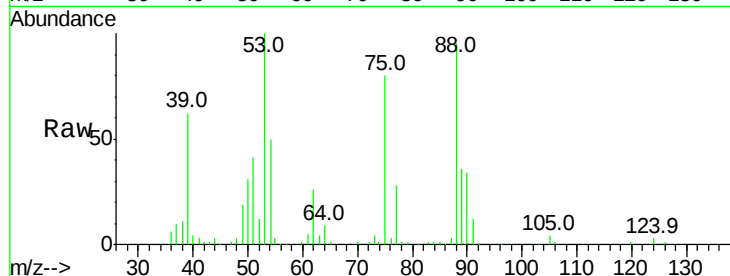
Tot Ion: 75 Resp: 16528

Ion Ratio Lower Upper

75 100

53 126.4 83.4 125.2#

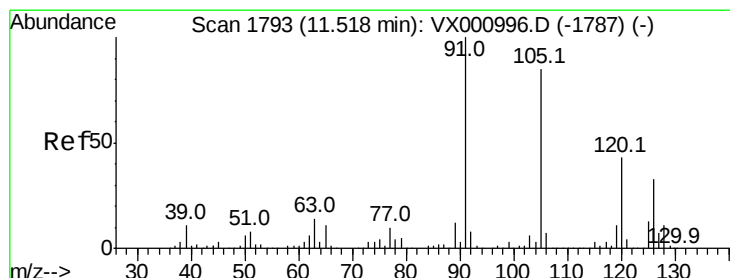
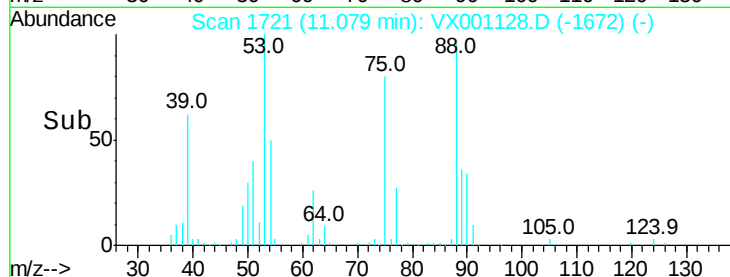
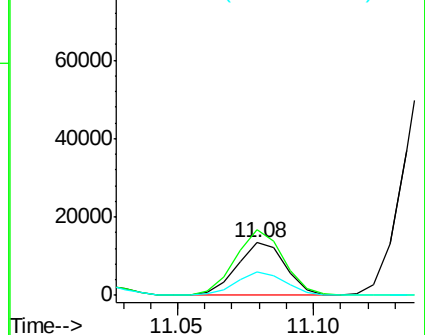
89 46.5 39.7 59.5



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: 20.040 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001128.D

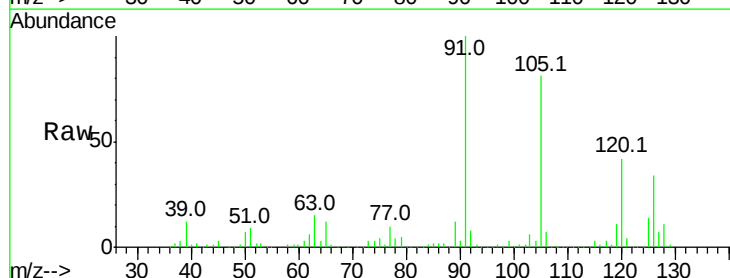
Acq: 25 Apr 2018 19:03

Tgt Ion: 91 Resp: 203083

Ion Ratio Lower Upper

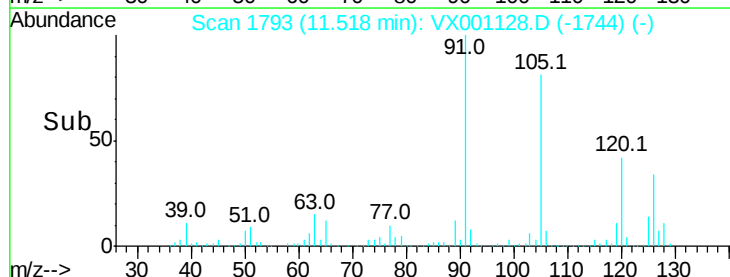
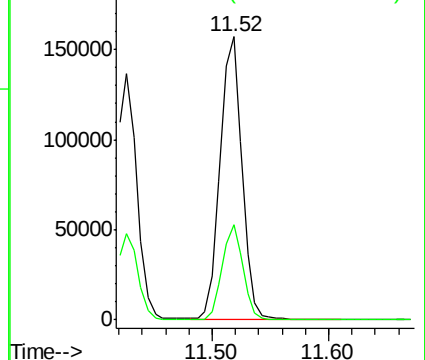
91 100

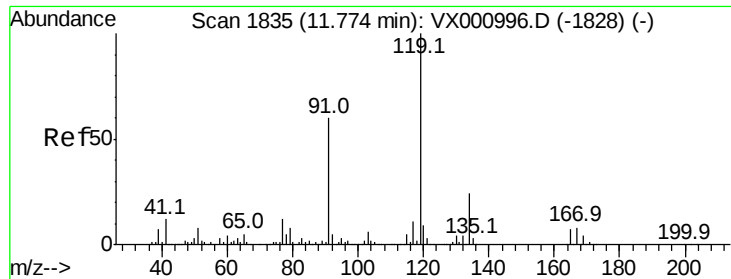
126 31.9 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.662 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

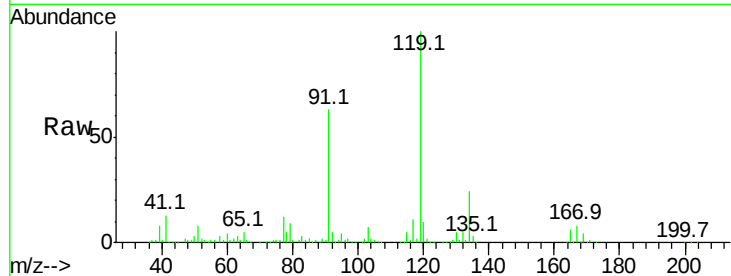
Tot Ion:119 Resp: 218444

Ion Ratio Lower Upper

119 100

91 57.3 27.0 81.0

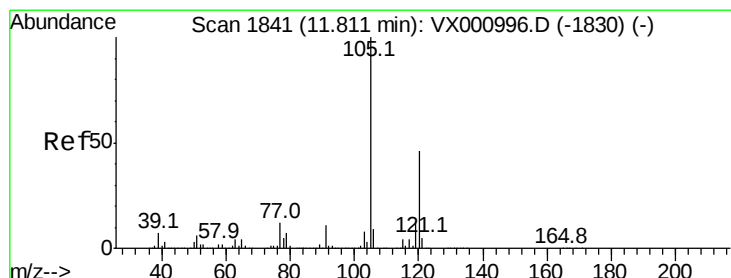
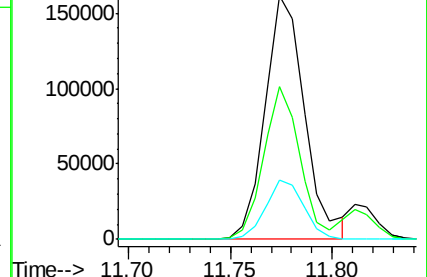
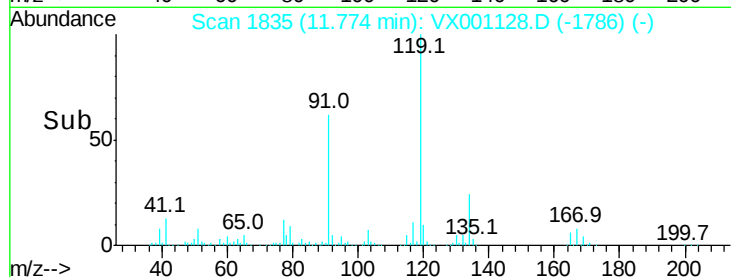
134 23.6 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.675 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001128.D

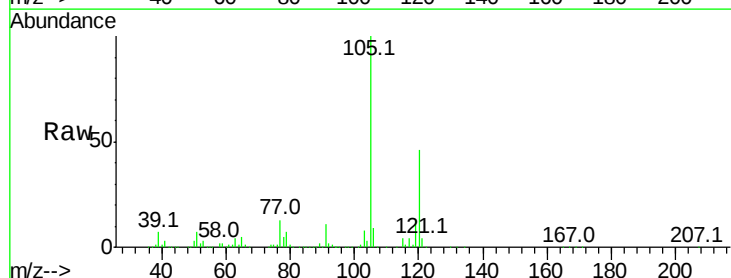
Acq: 25 Apr 2018 19:03

Tgt Ion:105 Resp: 222980

Ion Ratio Lower Upper

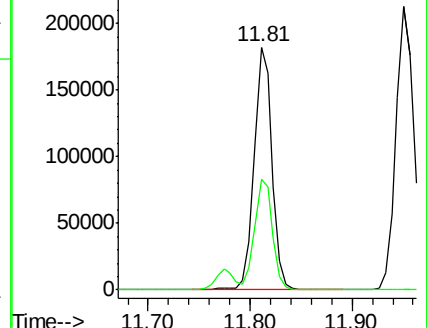
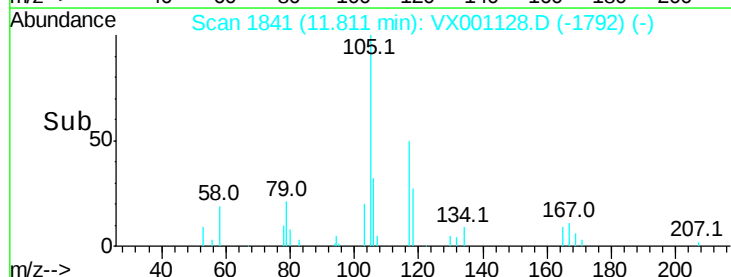
105 100

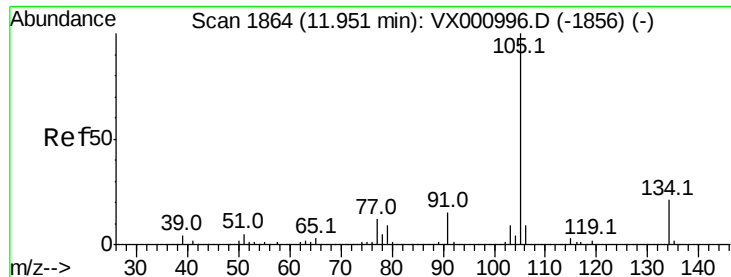
120 45.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.681 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

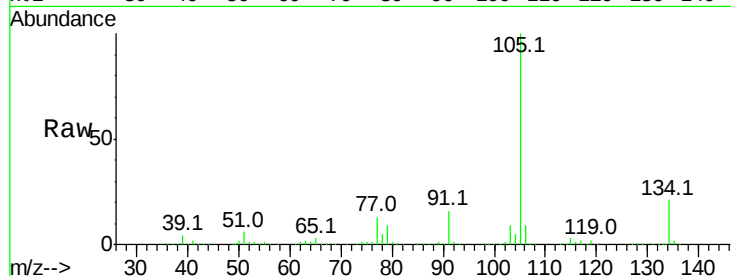
ClientSampled :

Tot Ion:105 Resp: 260984

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

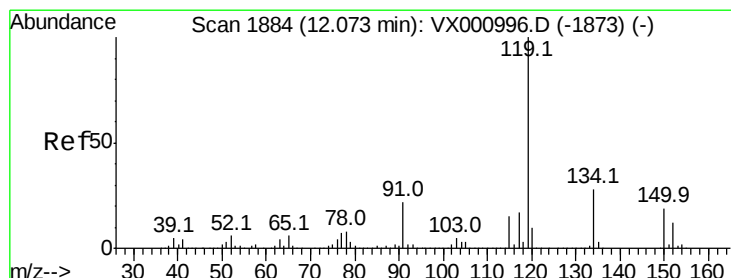
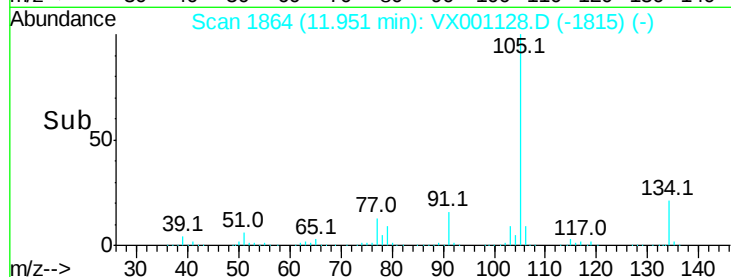
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.363 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

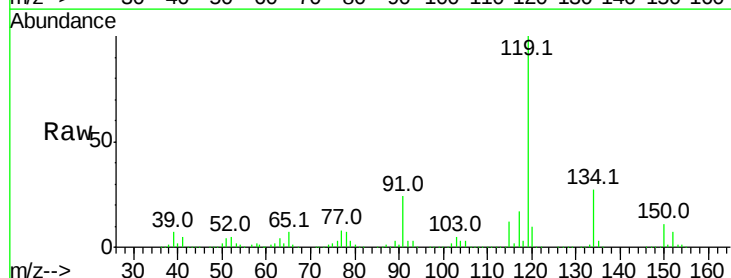
Tgt Ion:119 Resp: 237715

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 23.5 11.4 34.1



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): V

12.07

250000

200000

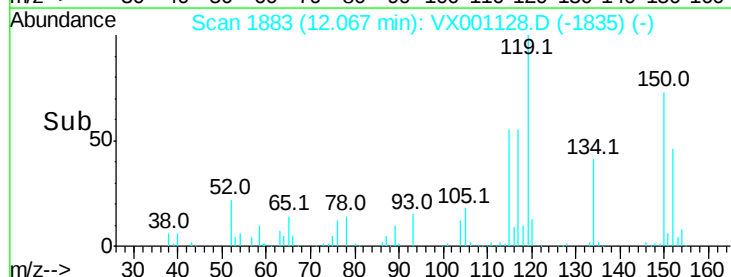
150000

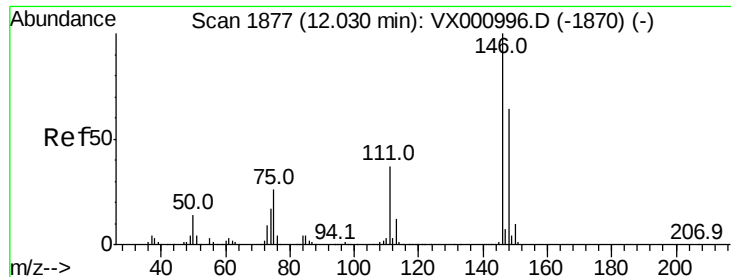
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.825 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

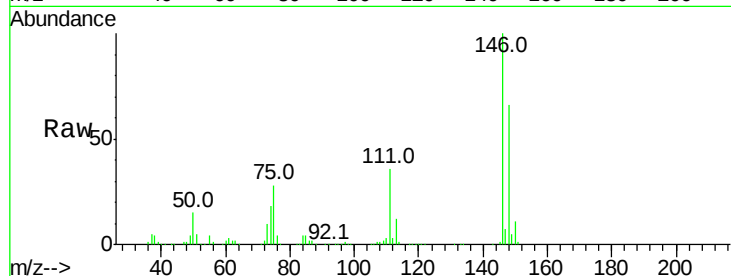
Tot Ion:146 Resp: 133186

Ion Ratio Lower Upper

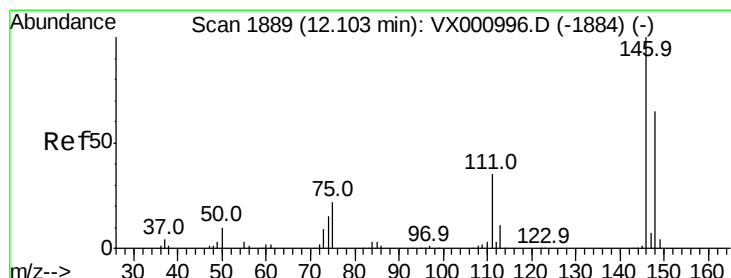
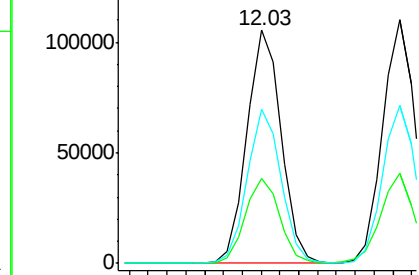
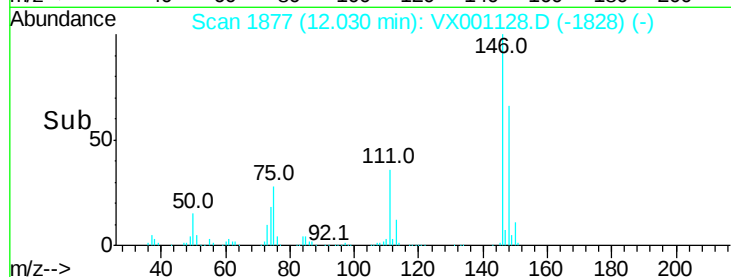
146 100

111 36.2 18.3 54.8

148 65.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.579 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

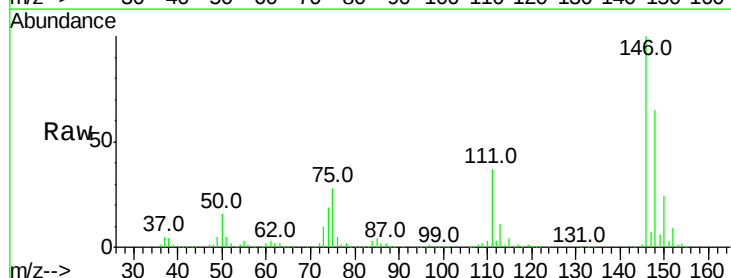
Tgt Ion:146 Resp: 135012

Ion Ratio Lower Upper

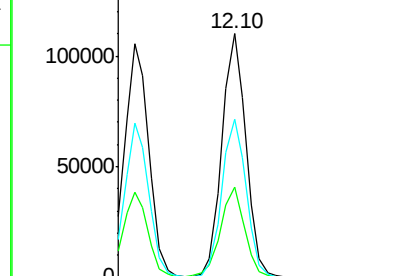
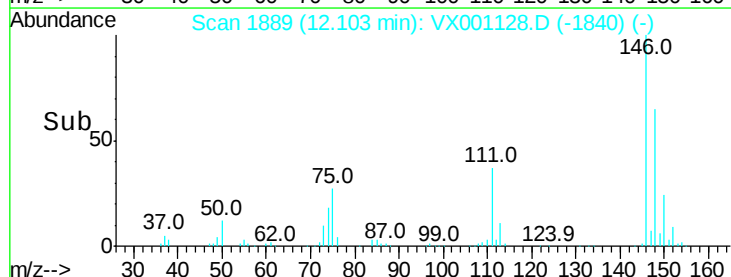
146 100

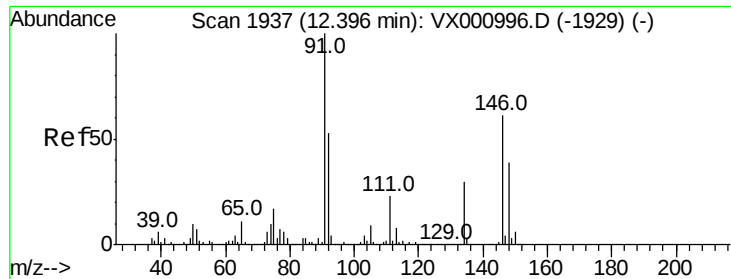
111 37.7 18.0 54.0

148 65.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.506 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

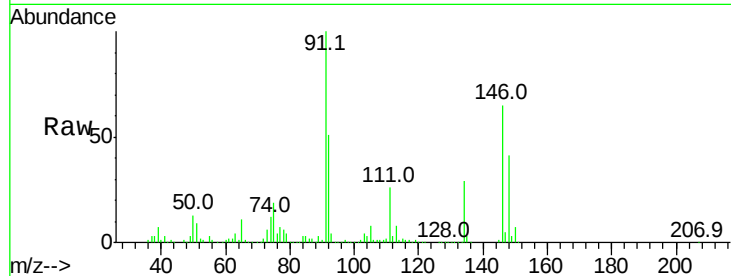
Tot Ion: 91 Resp: 202605

Ion Ratio Lower Upper

91 100

92 51.4 26.3 78.9

134 28.5 14.4 43.0

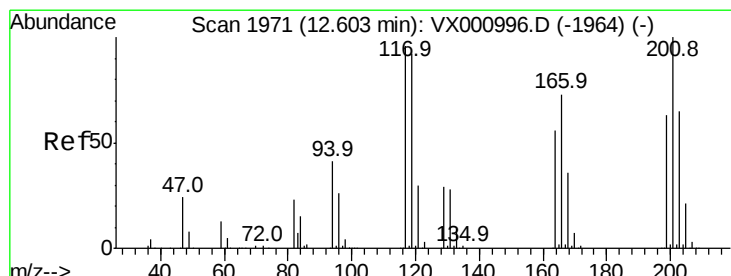
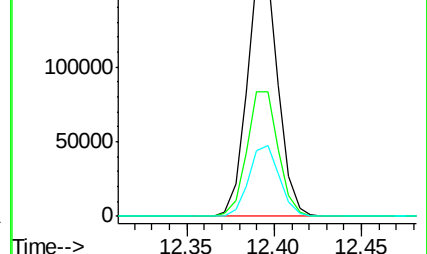
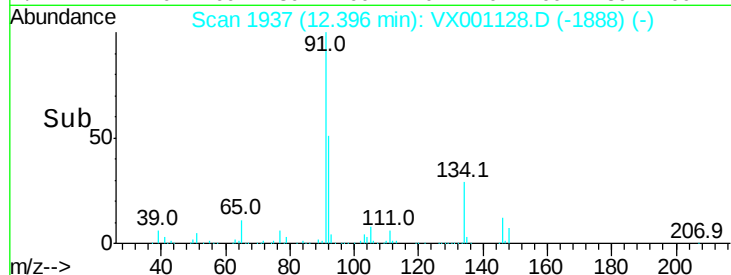


Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000996.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000996.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 19.822 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001128.D

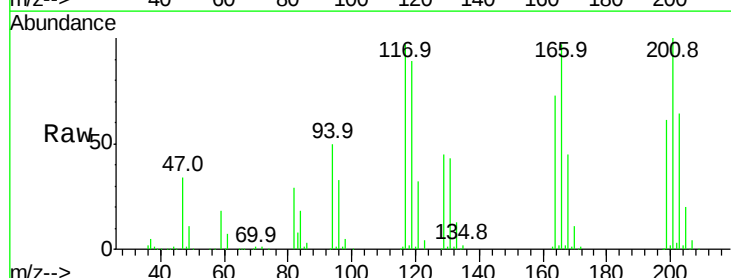
Acq: 25 Apr 2018 19:03

Tgt Ion: 117 Resp: 32789

Ion Ratio Lower Upper

117 100

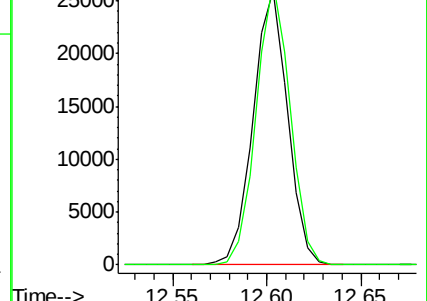
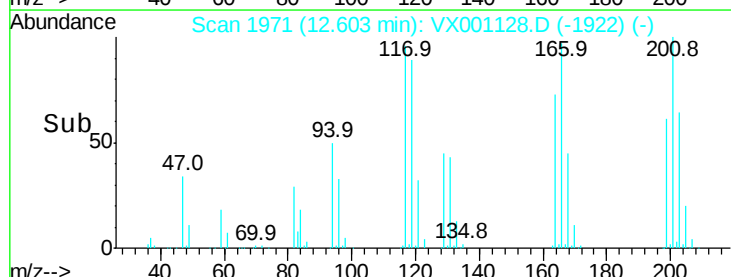
201 100.5 52.3 157.1

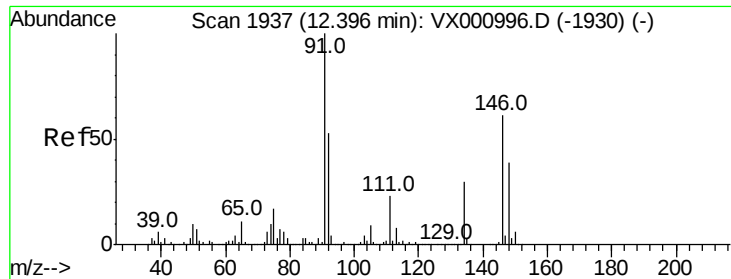


Abundance Ion 116.80 (116.50 to 117.50): VX000996.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000996.D (-1964) (-)

Time-->

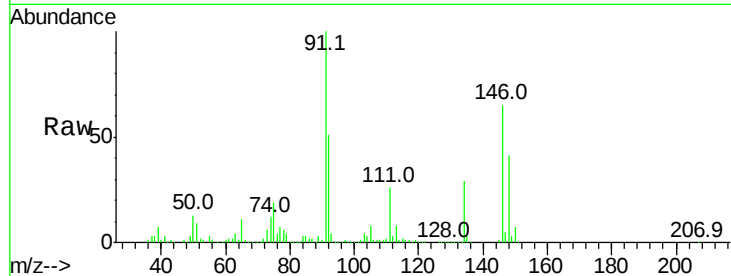




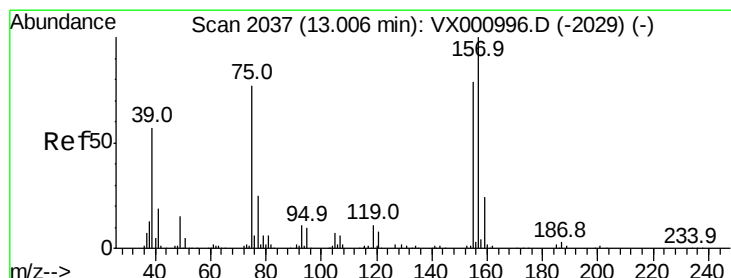
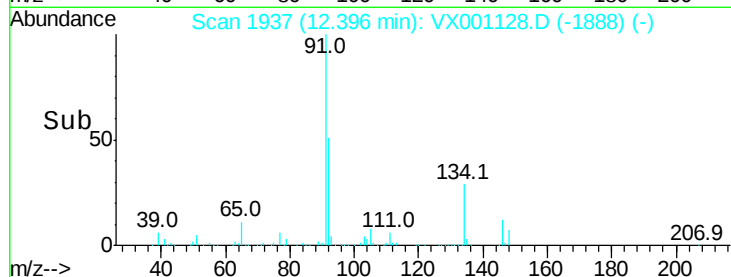
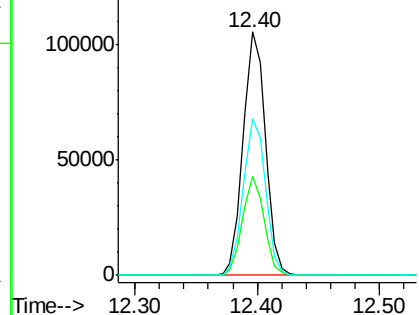
#91
 1,2-Dichlorobenzene
 Concen: 20.340 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 132291
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.6 56.0
 148 64.2 32.3 96.8

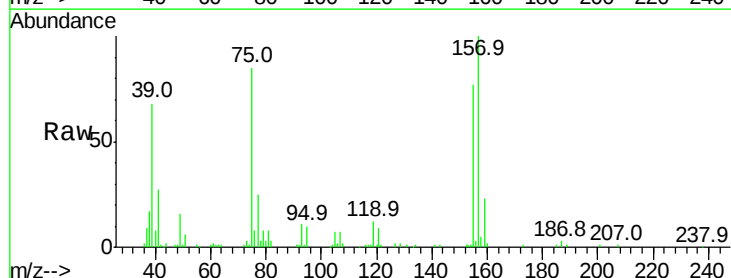


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

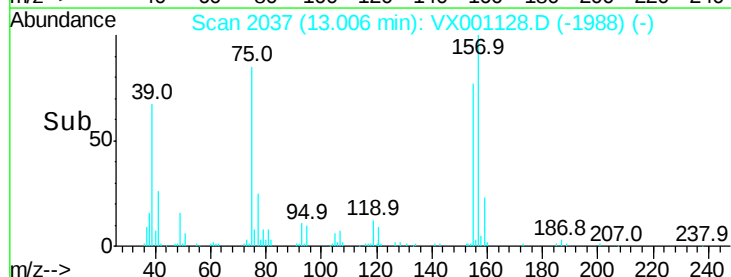
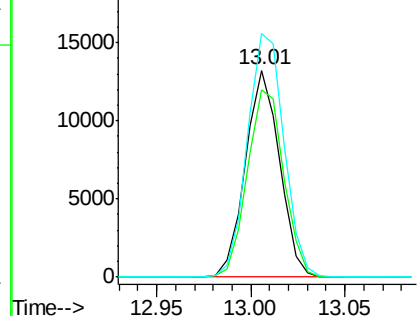


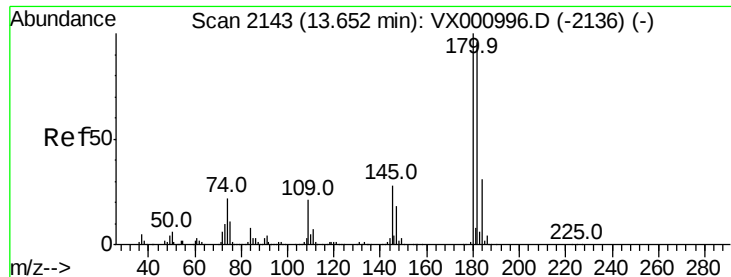
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.639 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion: 75 Resp: 16598
 Ion Ratio Lower Upper
 75 100
 155 96.4 51.0 153.0
 157 126.1 64.9 194.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.889 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

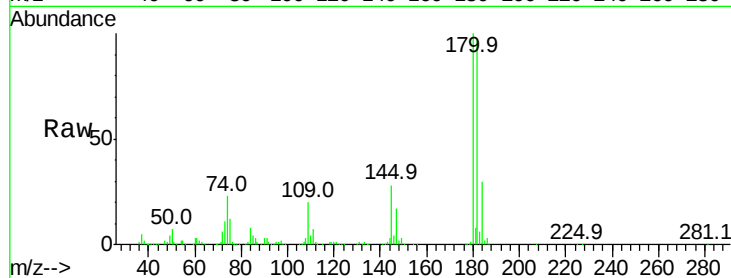
Tot Ion:180 Resp: 103130

Ion Ratio Lower Upper

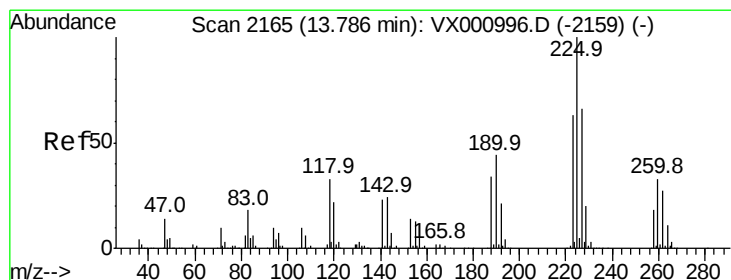
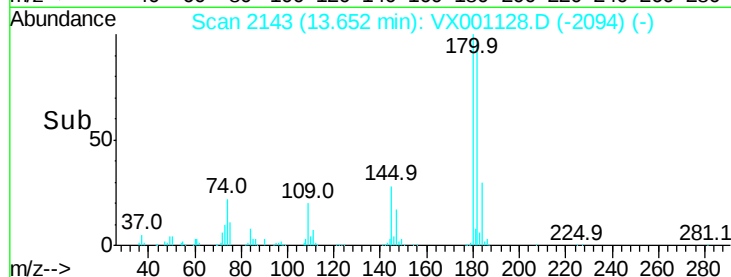
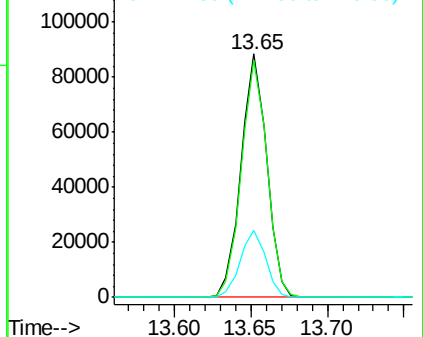
180 100

182 96.9 48.0 144.0

145 27.6 13.9 41.7



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



#94

Hexachlorobutadiene

Concen: 20.783 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

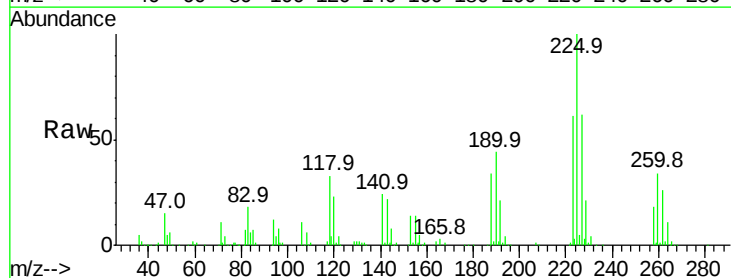
Tgt Ion:225 Resp: 51342

Ion Ratio Lower Upper

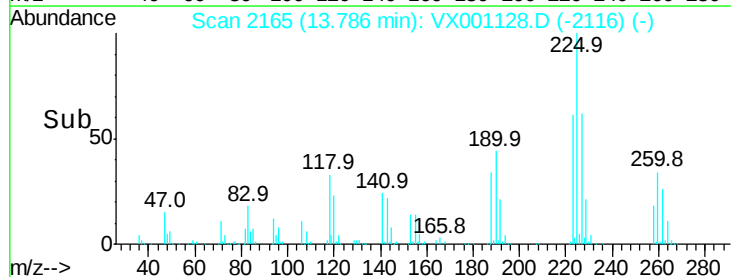
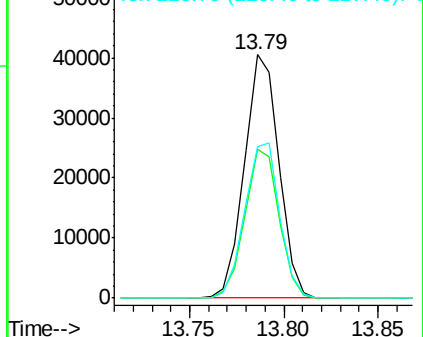
225 100

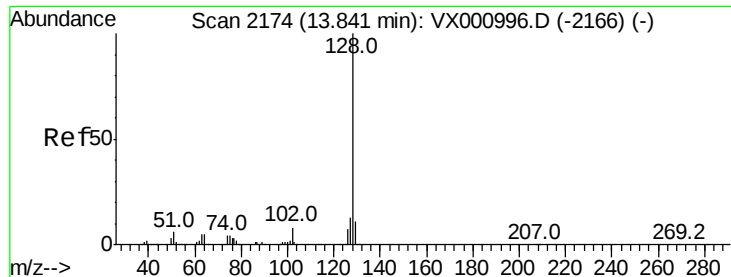
223 60.8 31.5 94.5

227 64.5 32.6 97.8



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

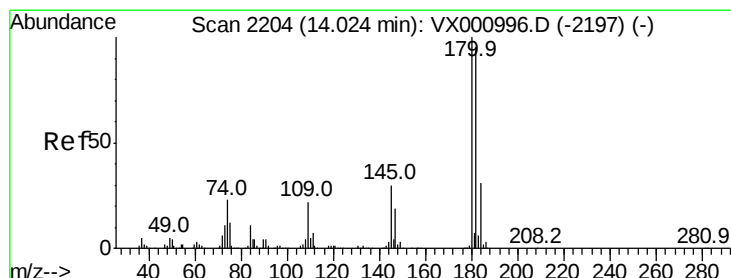
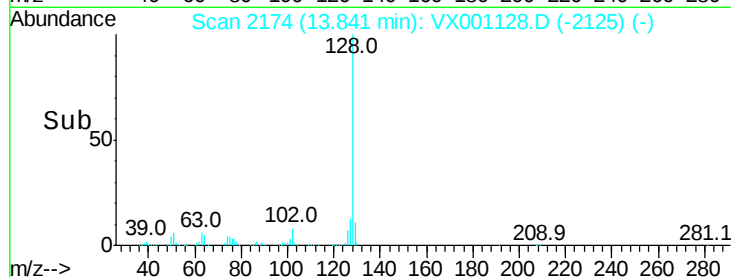
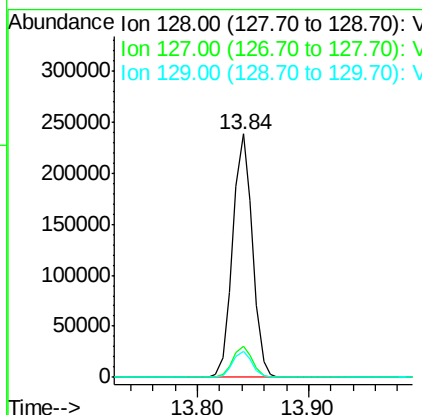
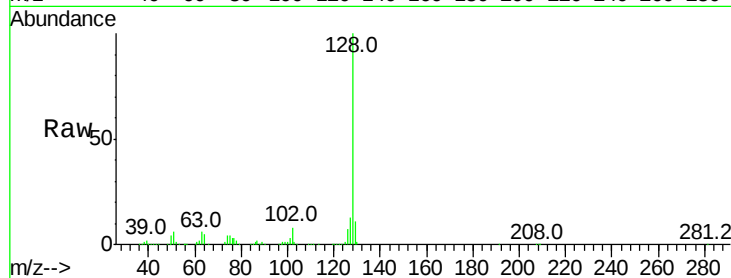




#95
Naphthalene
Concen: 21.707 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 291467
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.162 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion:180 Resp: 106466
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.7
145 28.7 14.5 43.6

