

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004033.D
 Acq On : 14 Aug 2018 16:24
 Operator : JC/MD
 Sample : VX0814WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

Quant Time: Aug 14 16:51:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	478007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	266522	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	225738	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.50	113	183546	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.72	98	725094	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.14	95	254501	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	62198	19.693	ug/l	98
3) Chloromethane	1.32	50	74851	19.312	ug/l	100
4) Vinyl Chloride	1.40	62	81844	19.517	ug/l	97
5) Bromomethane	1.64	94	45394	21.258	ug/l	99
6) Chloroethane	1.73	64	57520	19.777	ug/l	99
7) Trichlorofluoromethane	1.93	101	111385	18.934	ug/l	100
8) Diethyl Ether	2.18	74	48328	18.818	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68129	18.564	ug/l	100
10) Methyl Iodide	2.51	142	63626	19.616	ug/l	100
11) Tert butyl alcohol	3.04	59	92286	100.249	ug/l	99
12) 1,1-Dichloroethene	2.38	96	64677	18.949	ug/l	95
13) Acrolein	2.29	56	59881	102.626	ug/l	100
14) Allyl chloride	2.73	41	120359	18.532	ug/l	97
15) Acrylonitrile	3.14	53	219022	95.425	ug/l	99
16) Acetone	2.44	43	234257	98.561	ug/l	100
17) Carbon Disulfide	2.57	76	175521	18.130	ug/l	100
18) Methyl Acetate	2.77	43	99488	18.836	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	228450	18.997	ug/l	99
20) Methylene Chloride	2.86	84	76606	19.348	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	71376	18.413	ug/l	99
22) Diisopropyl ether	3.87	45	242253	19.036	ug/l	98
23) Vinyl Acetate	3.82	43	1017611	97.356	ug/l	100
24) 1,1-Dichloroethane	3.70	63	136150	18.888	ug/l	100
25) 2-Butanone	4.70	43	375689	97.148	ug/l	100
26) 2,2-Dichloropropane	4.59	77	107887	18.826	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	82872	19.012	ug/l	98
28) Bromochloromethane	5.03	49	64909	19.627	ug/l	96
29) Tetrahydrofuran	5.15	42	190300	96.316	ug/l	98
30) Chloroform	5.21	83	132300	18.806	ug/l	99
31) Cyclohexane	5.58	56	119013	18.834	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	113257	19.266	ug/l	98
36) 1,1-Dichloropropene	5.80	75	102075	18.766	ug/l	99
37) Ethyl Acetate	4.85	43	113259	19.121	ug/l	99
38) Carbon Tetrachloride	5.79	117	97633	18.475	ug/l	94

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004033.D
 Acq On : 14 Aug 2018 16:24
 Operator : JC/MD
 Sample : VX0814WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

Quant Time: Aug 14 16:51:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115715	18.752	ug/l	99
40) Benzene	6.15	78	311615	19.079	ug/l	99
41) Methacrylonitrile	5.06	41	62605	18.872	ug/l	98
42) 1,2-Dichloroethane	6.20	62	107359	18.778	ug/l	100
43) Isopropyl Acetate	6.46	43	165754	18.985	ug/l	100
44) Trichloroethene	7.21	130	83527	18.838	ug/l	95
45) 1,2-Dichloropropane	7.52	63	80292	19.203	ug/l	99
46) Dibromomethane	7.67	93	52252	19.123	ug/l	97
47) Bromodichloromethane	7.90	83	95871	18.525	ug/l	98
48) Methyl methacrylate	7.78	41	85026	19.346	ug/l	98
49) 1,4-Dioxane	7.76	88	40254	406.800	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	716317	100.059	ug/l	99
52) Toluene	8.79	92	199609	19.324	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	105113	18.801	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	117828	19.031	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	80135	18.786	ug/l	100
56) Ethyl methacrylate	9.18	69	111816	19.276	ug/l	99
57) 1,3-Dichloropropane	9.37	76	135133	19.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	302931	102.558	ug/l	100
59) 2-Hexanone	9.50	43	543273	100.832	ug/l	99
60) Dibromochloromethane	9.59	129	75187	18.316	ug/l	99
61) 1,2-Dibromoethane	9.68	107	82950	19.075	ug/l	99
64) Tetrachloroethene	9.34	164	79740	19.279	ug/l	96
65) Chlorobenzene	10.14	112	214752	19.050	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	72963	18.977	ug/l	98
67) Ethyl Benzene	10.25	91	343325	19.233	ug/l	97
68) m/p-Xylenes	10.36	106	277992	39.769	ug/l	99
69) o-Xylene	10.70	106	133644	20.005	ug/l	92
70) Styrene	10.71	104	226085	20.109	ug/l	97
71) Bromoform	10.86	173	56128	18.410	ug/l	97
73) Isopropylbenzene	11.02	105	370521	20.543	ug/l	98
74) N-amyl acetate	6.46	43	165754	19.539	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	123489	19.606	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137684	25.760	ug/l	83
77) Bromobenzene	11.26	156	97697	19.650	ug/l	98
78) n-propylbenzene	11.36	91	416060	20.613	ug/l	99
79) 2-Chlorotoluene	11.42	91	249255	20.264	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	298900	20.239	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	31493	18.239	ug/l	93
82) 4-Chlorotoluene	11.51	91	291356	20.038	ug/l	100
83) tert-Butylbenzene	11.77	119	299552	20.117	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	319159	20.866	ug/l	100
85) sec-Butylbenzene	11.94	105	355373	20.391	ug/l	100
86) p-Isopropyltoluene	12.07	119	317644	20.133	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	175782	18.537	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183287	18.780	ug/l	99
89) n-Butylbenzene	12.39	91	237387	19.094	ug/l	99
90) Hexachloroethane	12.60	117	42287	17.913	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	160243	18.737	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21118	19.077	ug/l	99

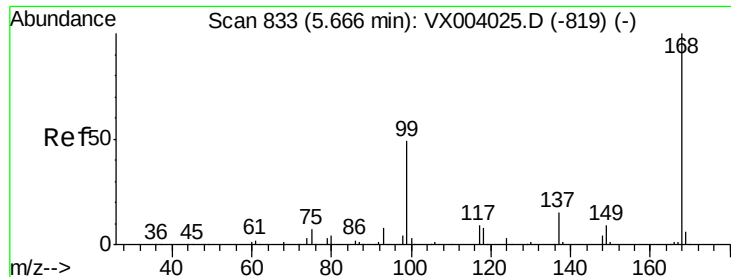
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Data File : VX004033.D
Acq On : 14 Aug 2018 16:24
Operator : JC/MD
Sample : VX0814WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD01

Quant Time: Aug 14 16:51:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105502	18.047	ug/l	100
94) Hexachlorobutadiene	13.79	225	49433	16.869	ug/l	100
95) Naphthalene	13.83	128	321237	17.988	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109488	17.176	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

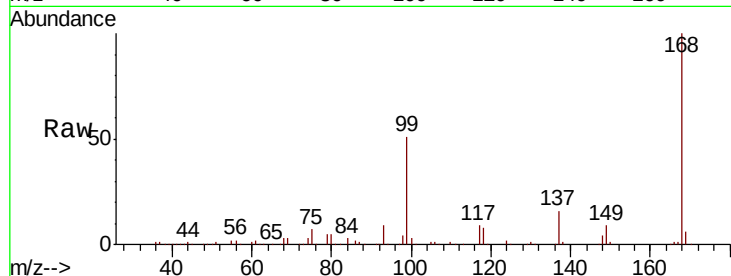
VX0814WBSD01

Tgt Ion:168 Resp: 324454

Ion Ratio Lower Upper

168 100

99 50.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

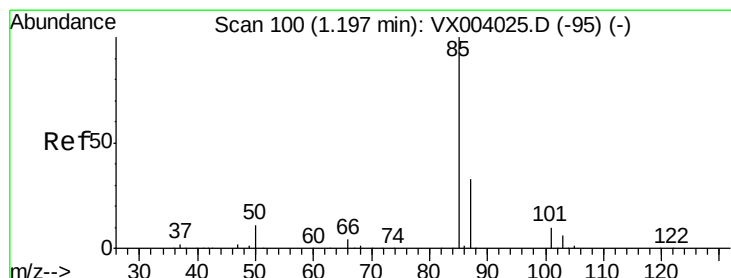
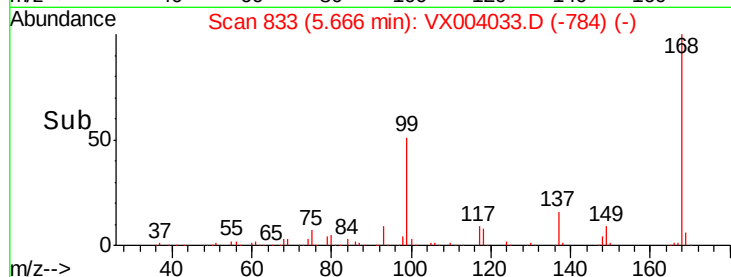
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.693 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004033.D

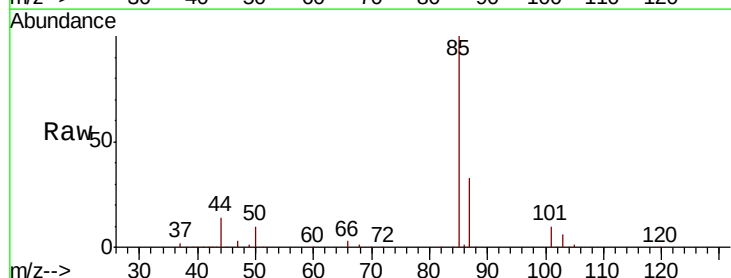
Acq: 14 Aug 2018 16:24

Tgt Ion: 85 Resp: 62198

Ion Ratio Lower Upper

85 100

87 33.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

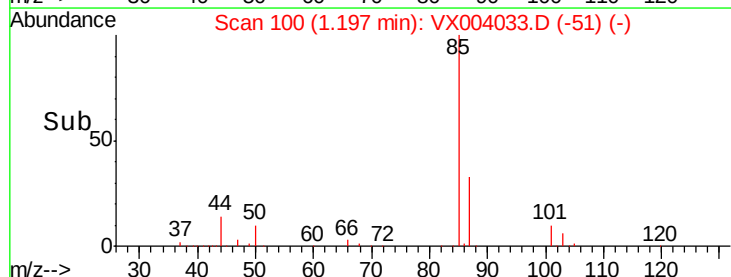
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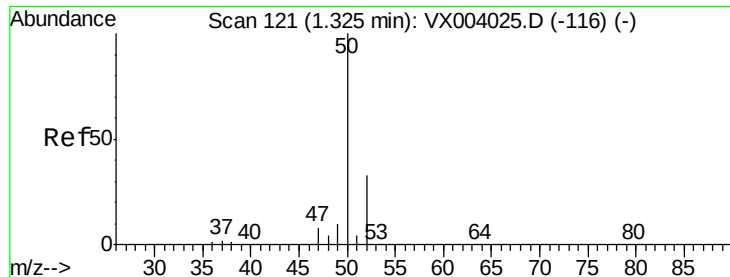
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.312 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

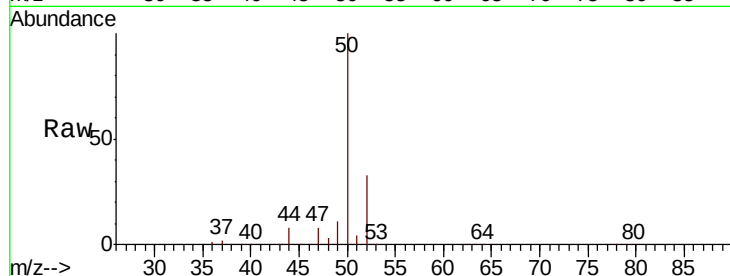
VX0814WBSD01

Tgt Ion: 50 Resp: 74851

Ion Ratio Lower Upper

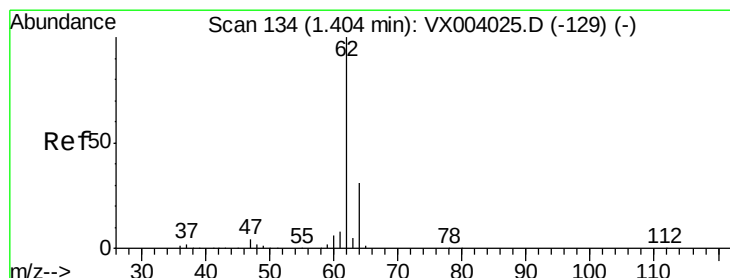
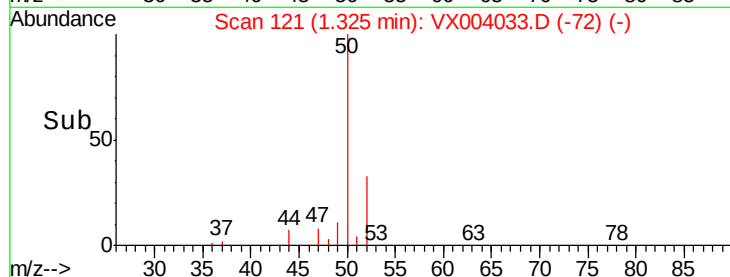
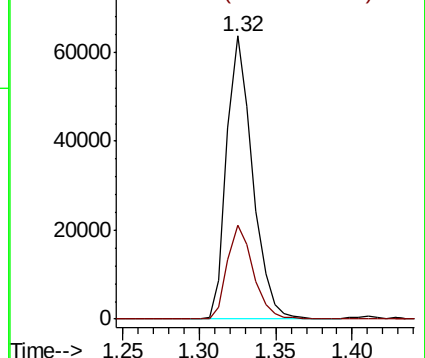
50 100

52 33.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.517 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004033.D

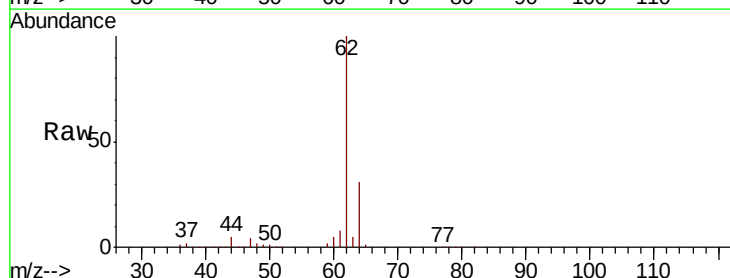
Acq: 14 Aug 2018 16:24

Tgt Ion: 62 Resp: 81844

Ion Ratio Lower Upper

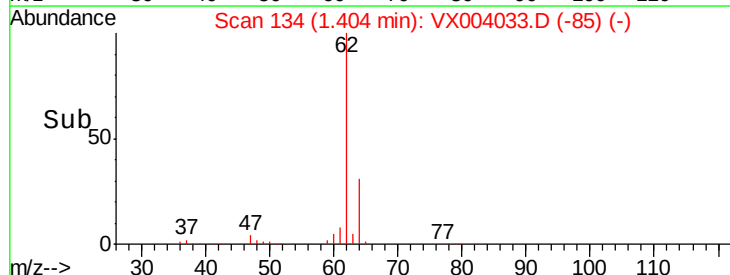
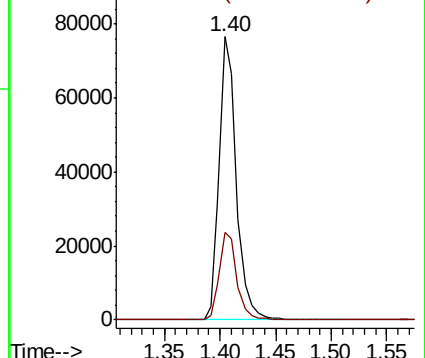
62 100

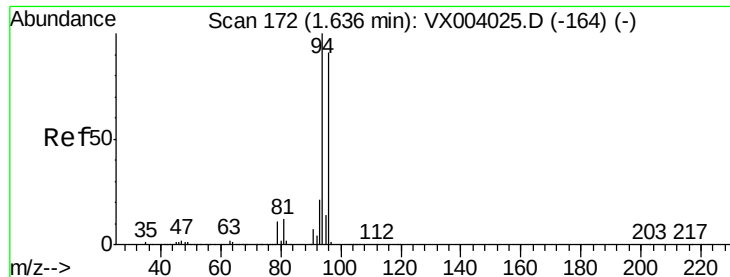
64 31.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.258 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

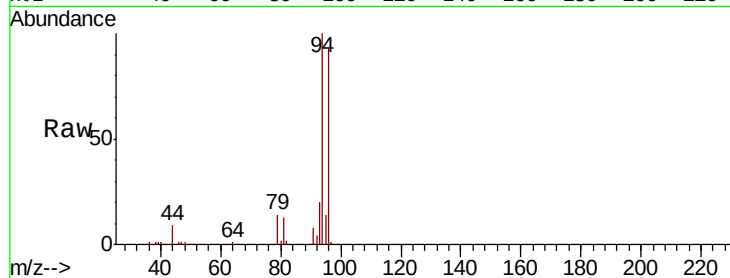
VX0814WBSD01

Tgt Ion: 94 Resp: 45394

Ion Ratio Lower Upper

94 100

96 93.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

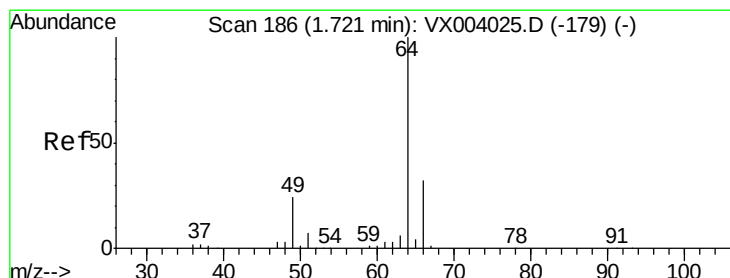
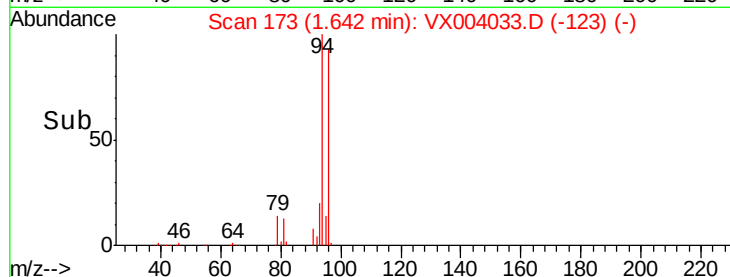
20000

10000

0

Time-->

1.50 1.60 1.70



#6

Chloroethane

Concen: 19.777 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004033.D

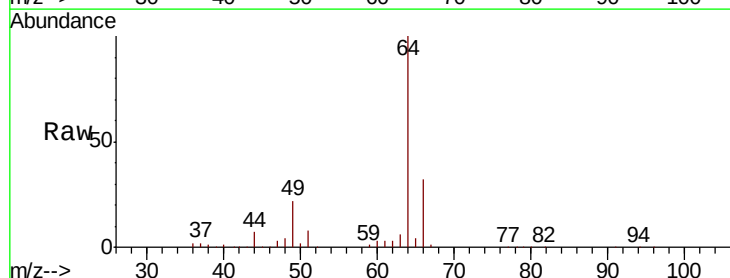
Acq: 14 Aug 2018 16:24

Tgt Ion: 64 Resp: 57520

Ion Ratio Lower Upper

64 100

66 32.8 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

50000

40000

30000

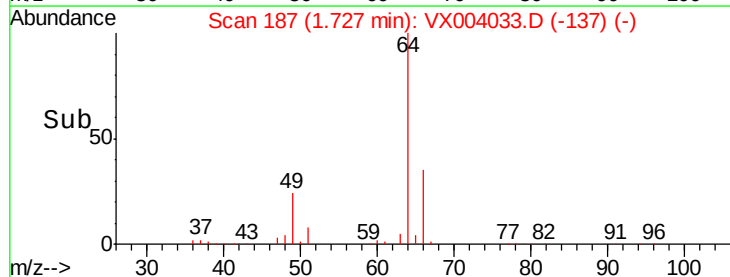
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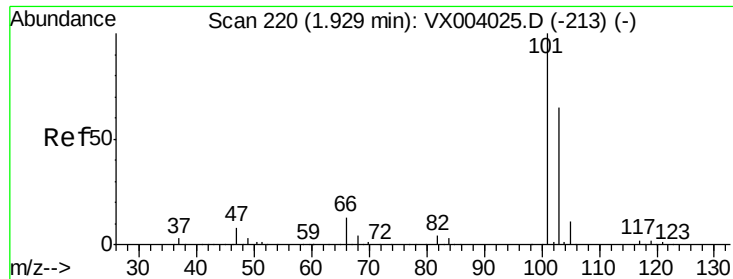
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Time-->

1.65 1.70 1.75 1.80 1.85



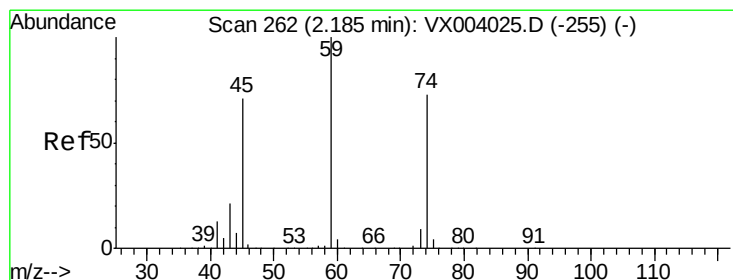
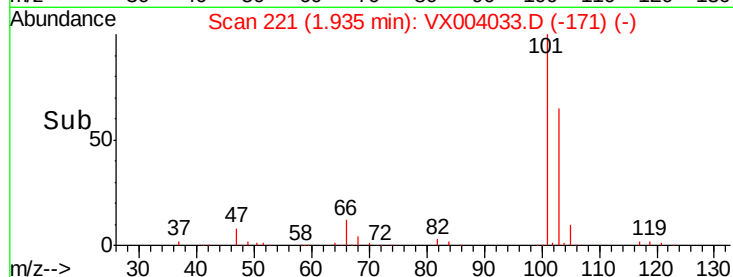
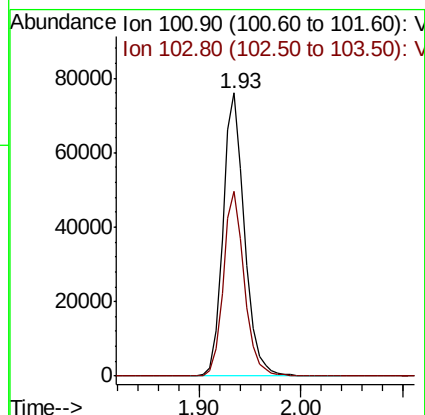
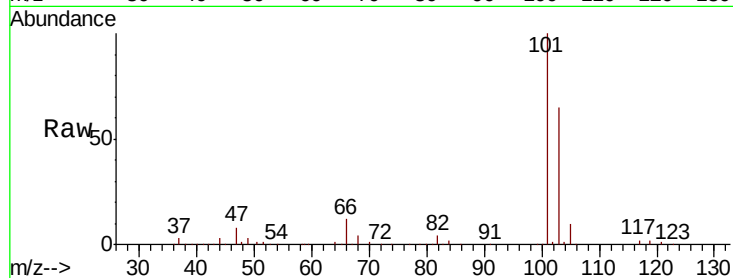


#7

Trichlorofluoromethane
 Concen: 18.934 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

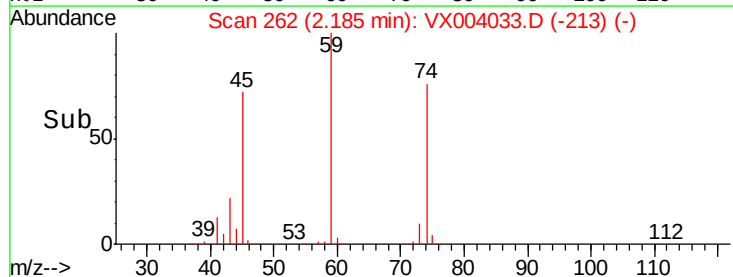
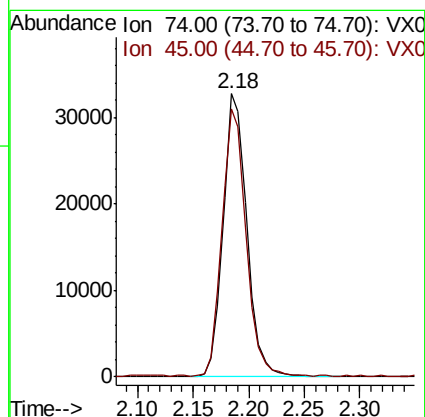
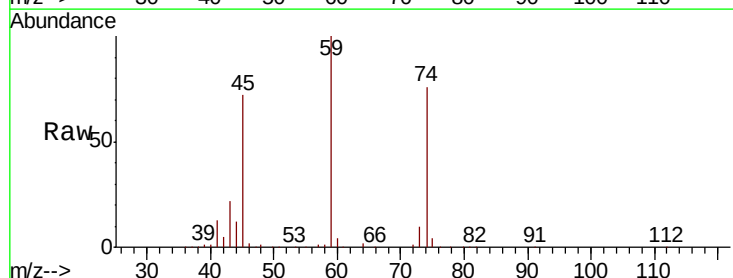
Tgt Ion:101 Resp: 111385
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

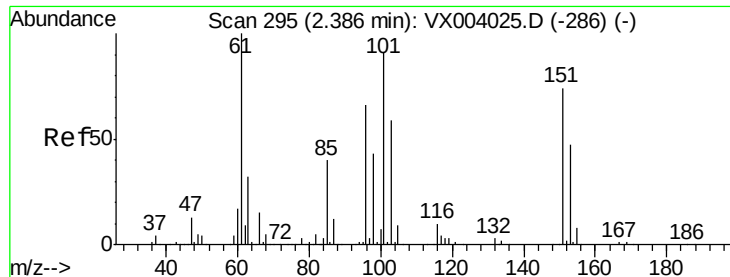


#8

Diethyl Ether
 Concen: 18.818 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 74 Resp: 48328
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.564 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

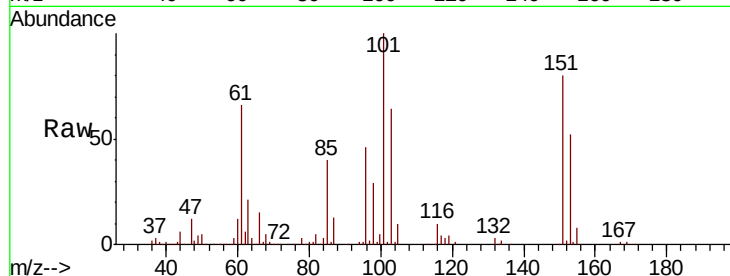
Tgt Ion:101 Resp: 68129

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

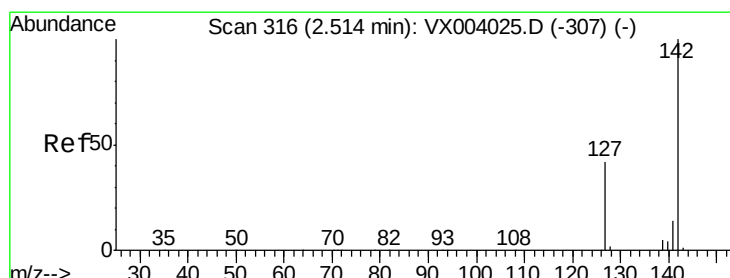
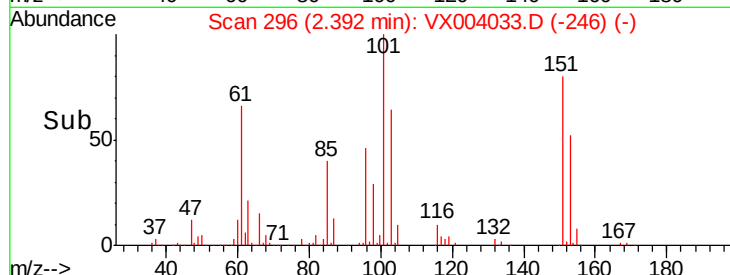
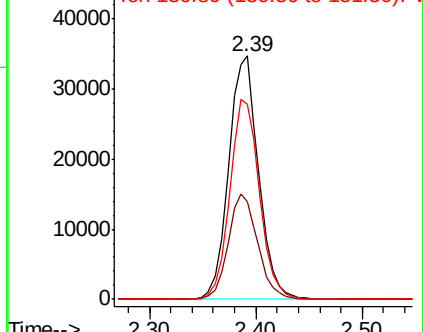
151 81.7 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.616 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

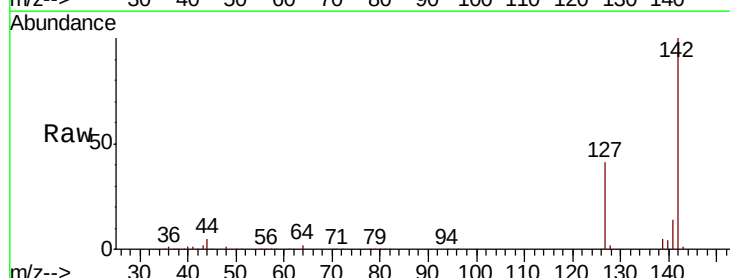
Tgt Ion:142 Resp: 63626

Ion Ratio Lower Upper

142 100

127 41.5 33.1 49.7

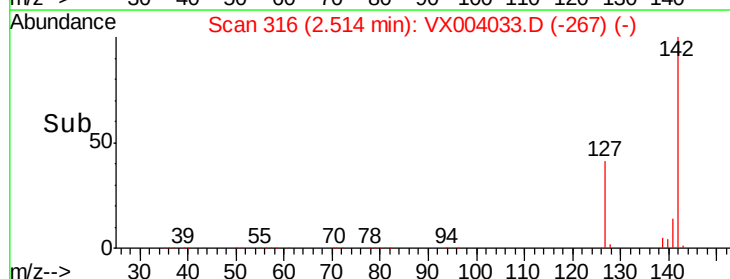
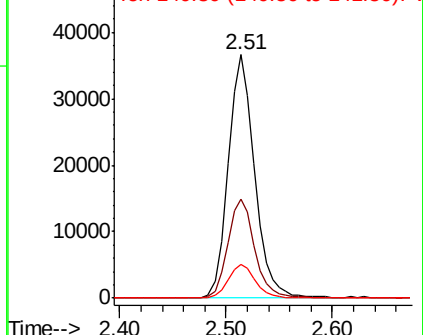
141 14.1 11.1 16.7

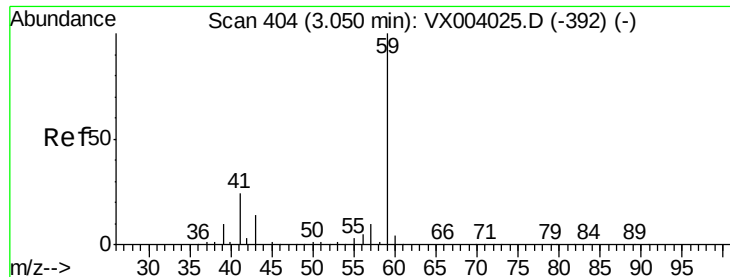


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



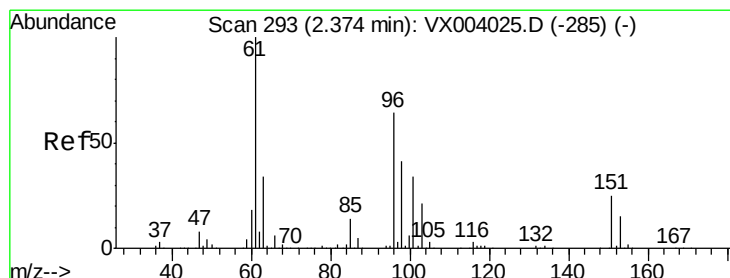
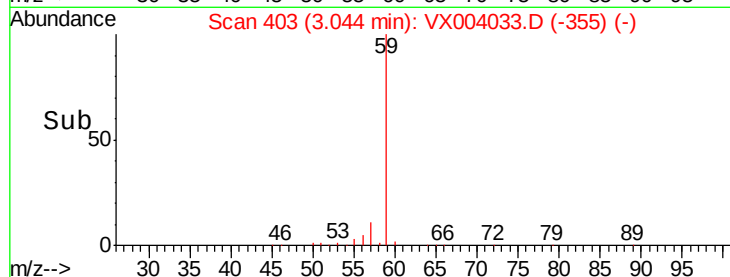
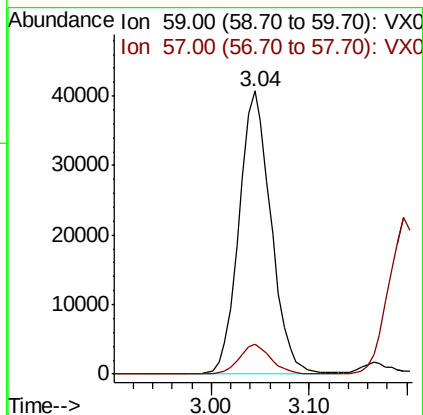
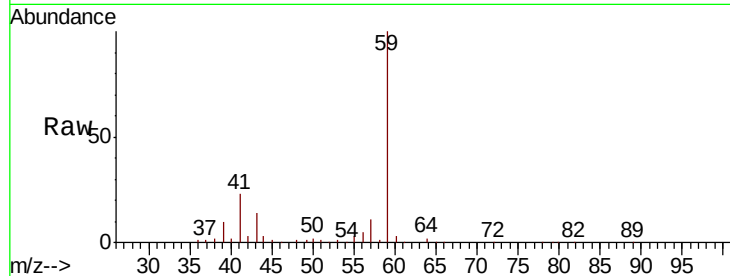


#11

Tert butyl alcohol
 Concen: 100.249 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

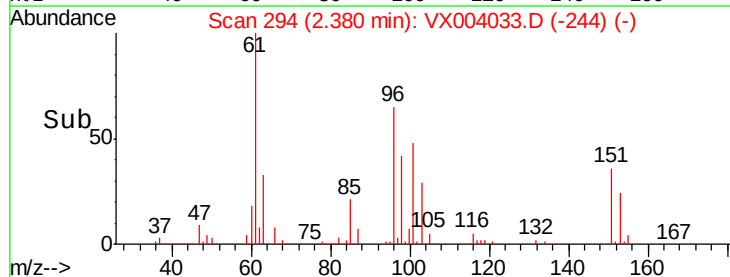
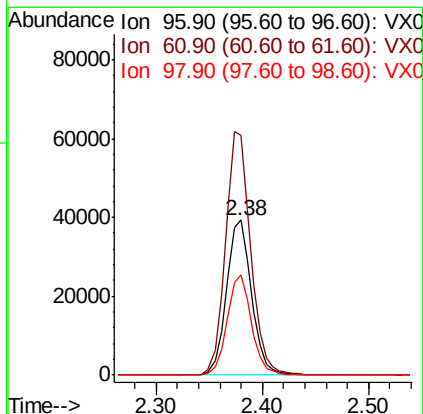
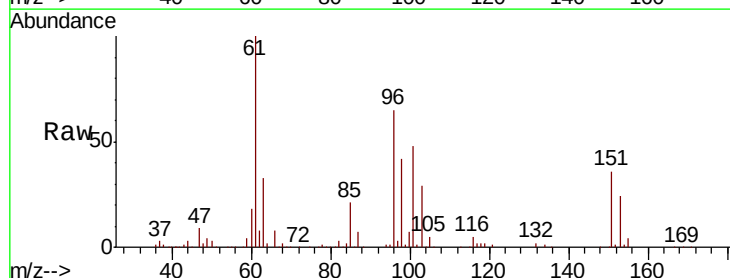
Tgt Ion: 59 Resp: 92286
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.1 12.1

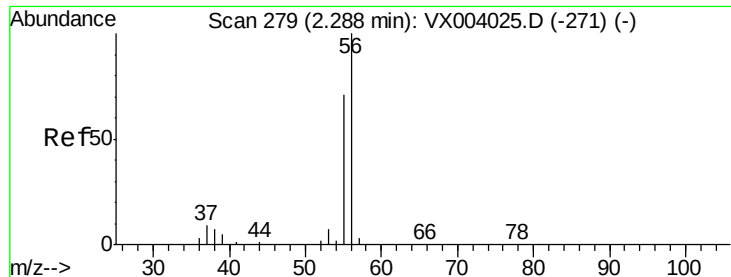


#12

1,1-Dichloroethene
 Concen: 18.949 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 96 Resp: 64677
 Ion Ratio Lower Upper
 96 100
 61 154.8 131.3 196.9
 98 65.1 51.8 77.6





#13

Acrolein

Concen: 102.626 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

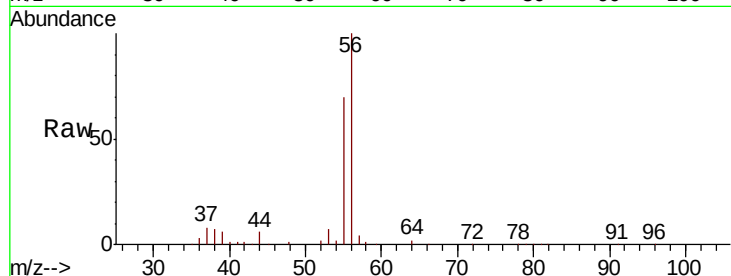
VX0814WBSD01

Tgt Ion: 56 Resp: 59881

Ion Ratio Lower Upper

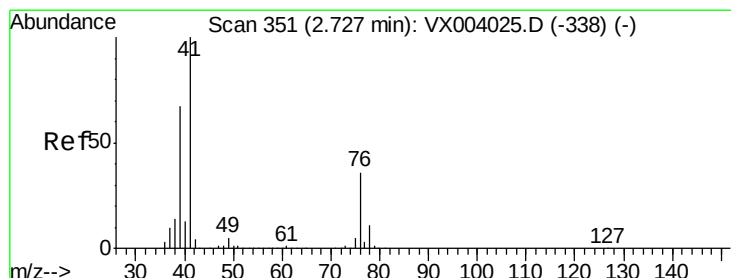
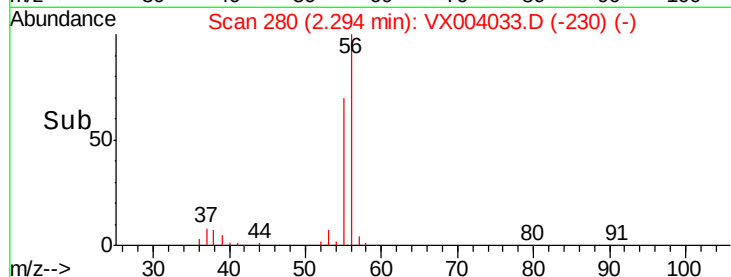
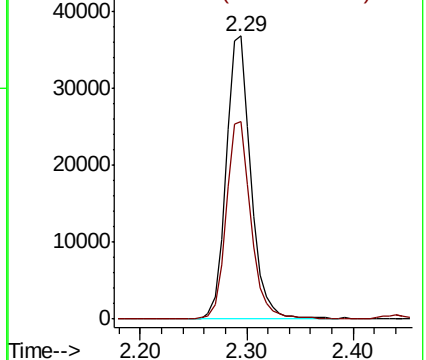
56 100

55 70.0 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.532 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

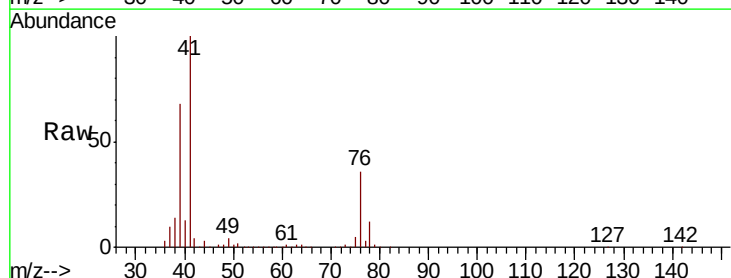
Tgt Ion: 41 Resp: 120359

Ion Ratio Lower Upper

41 100

39 62.0 47.4 71.0

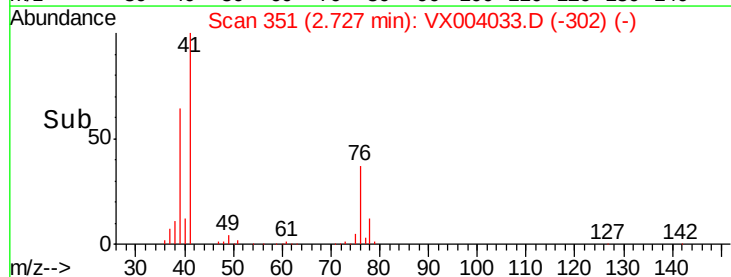
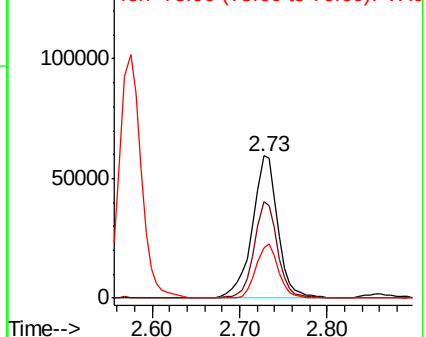
76 33.5 26.0 39.0

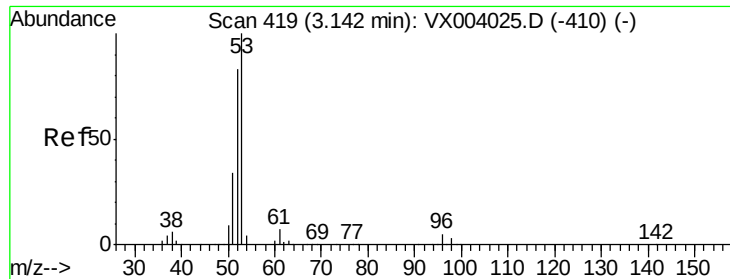


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.425 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleID :

VX0814WBSD01

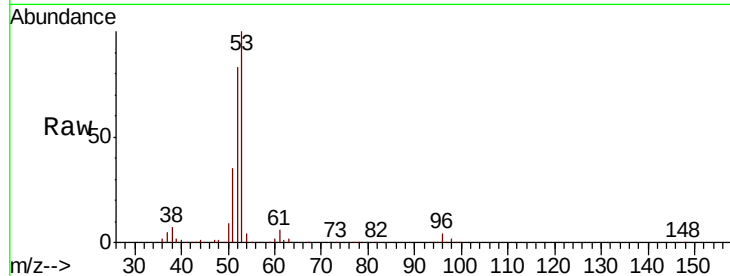
Tgt Ion: 53 Resp: 219022

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

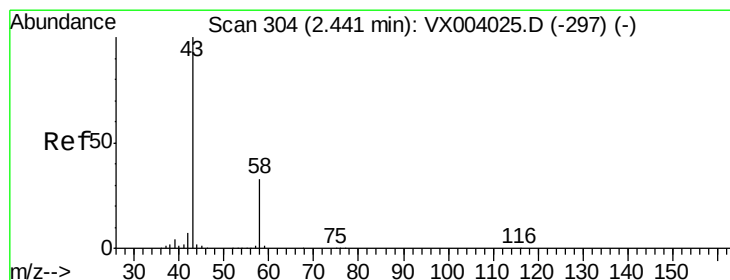
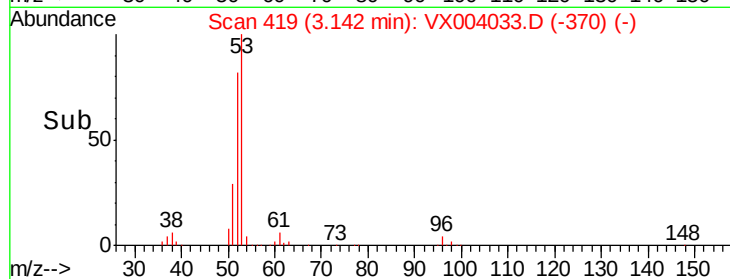
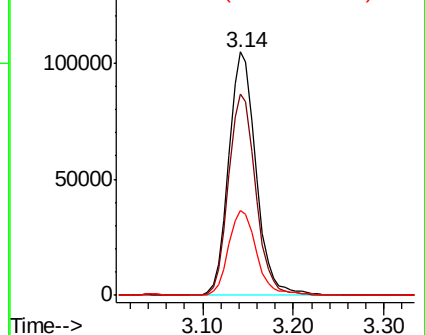
51 35.8 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.561 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004033.D

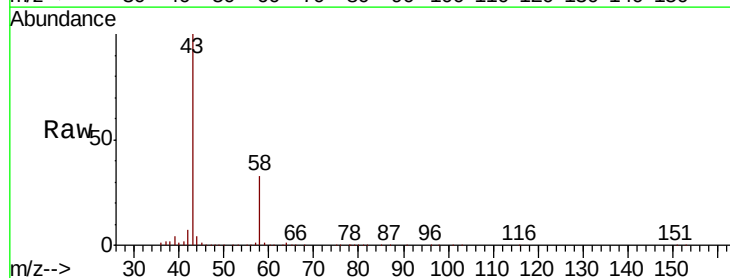
Acq: 14 Aug 2018 16:24

Tgt Ion: 43 Resp: 234257

Ion Ratio Lower Upper

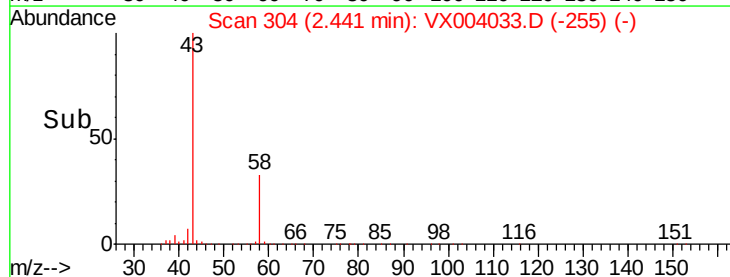
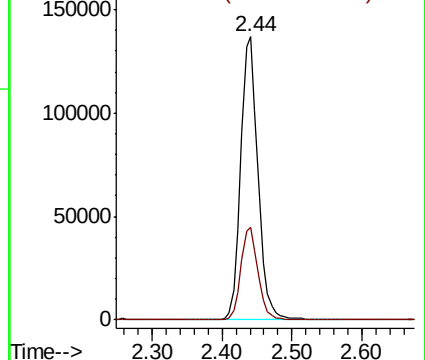
43 100

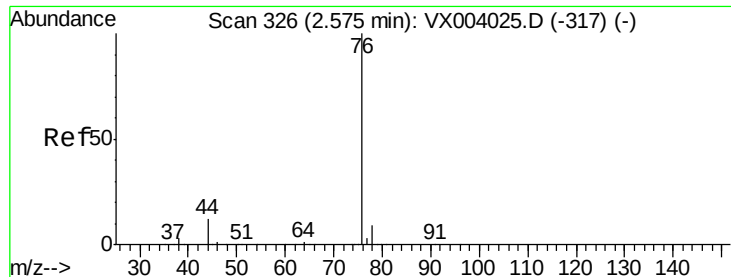
58 32.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.130 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

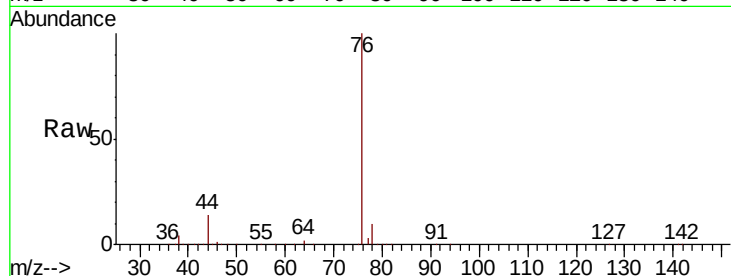
VX0814WBSD01

Tgt Ion: 76 Resp: 17521

Ion Ratio Lower Upper

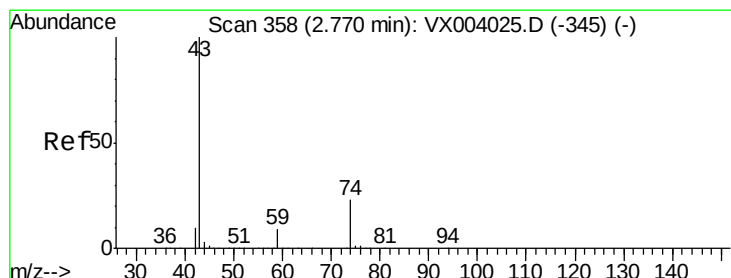
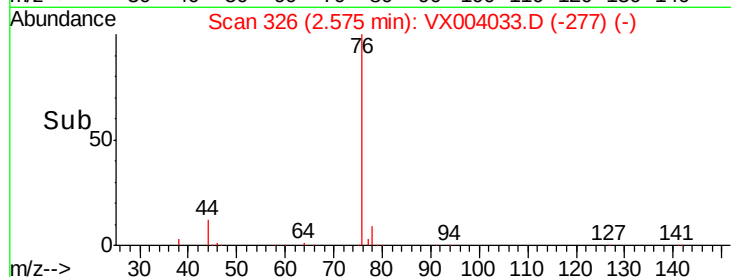
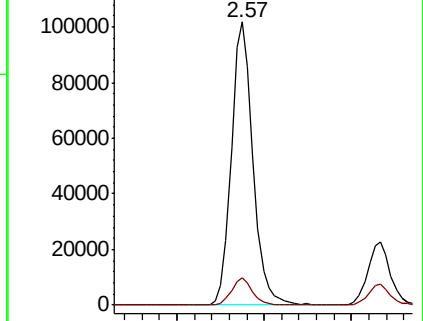
76 100

78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.836 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004033.D

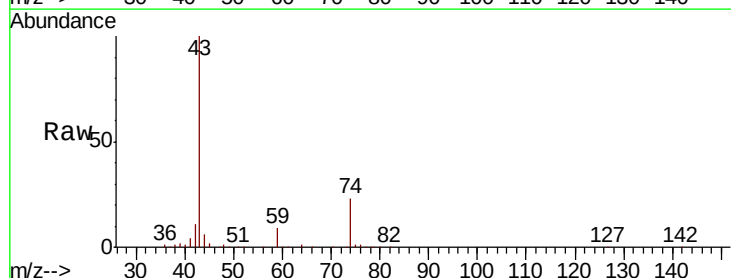
Acq: 14 Aug 2018 16:24

Tgt Ion: 43 Resp: 99488

Ion Ratio Lower Upper

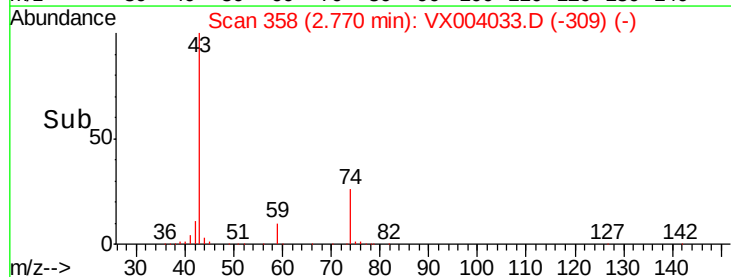
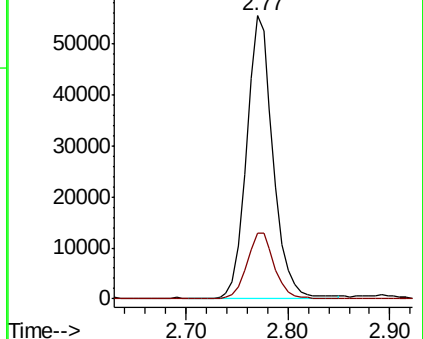
43 100

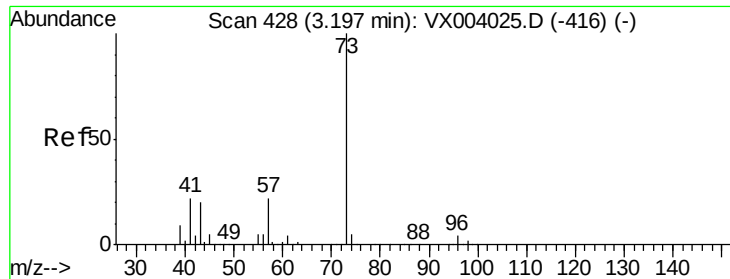
74 24.7 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



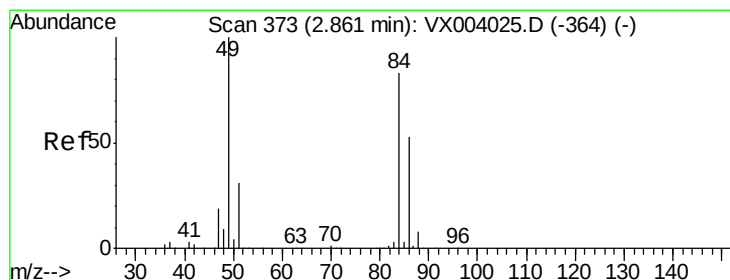
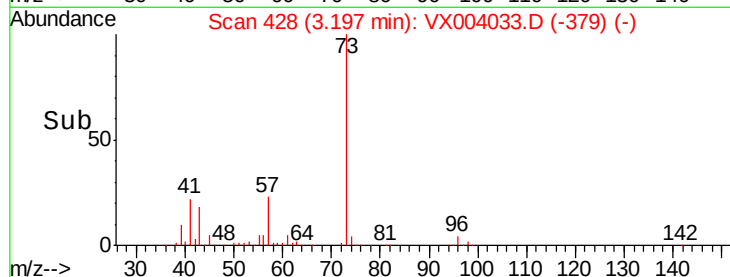
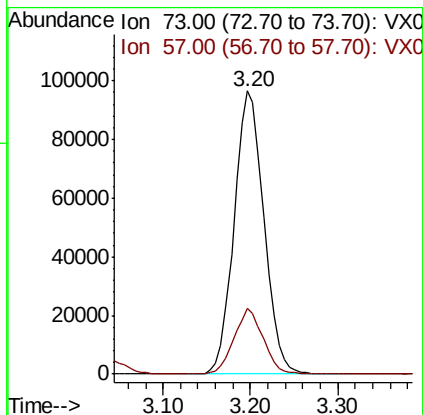
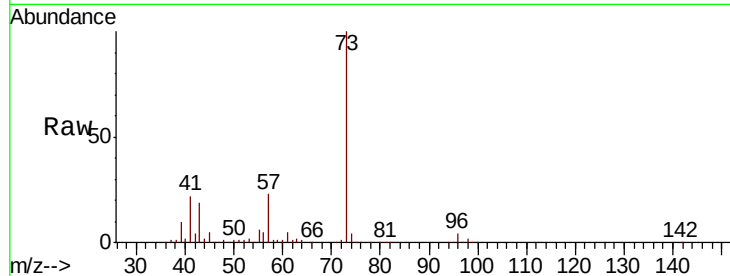


#19

Methyl tert-butyl Ether
 Concen: 18.997 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

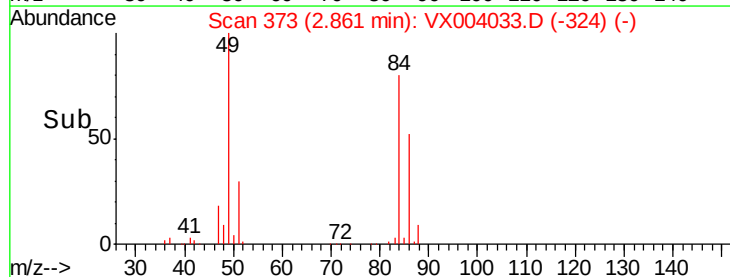
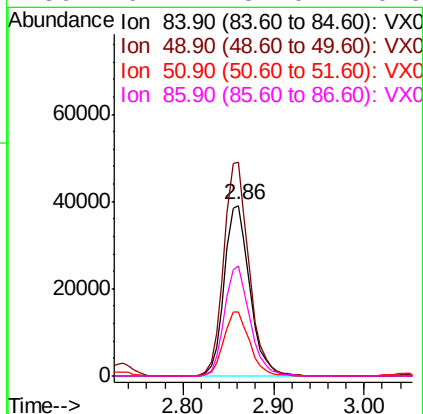
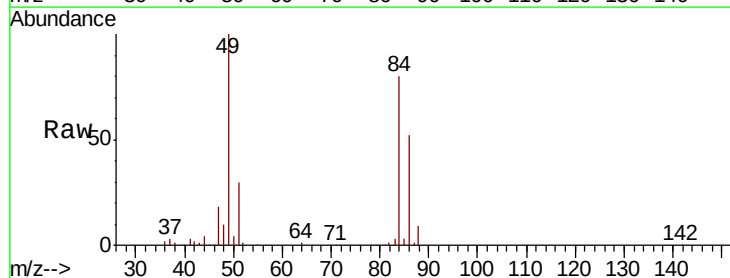
Tgt Ion: 73 Resp: 228450
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.0 27.0

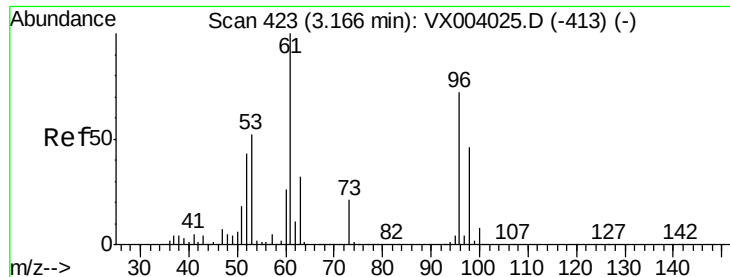


#20

Methylene Chloride
 Concen: 19.348 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 84 Resp: 76606
 Ion Ratio Lower Upper
 84 100
 49 125.1 98.9 148.3
 51 37.5 29.9 44.9
 86 64.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.413 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

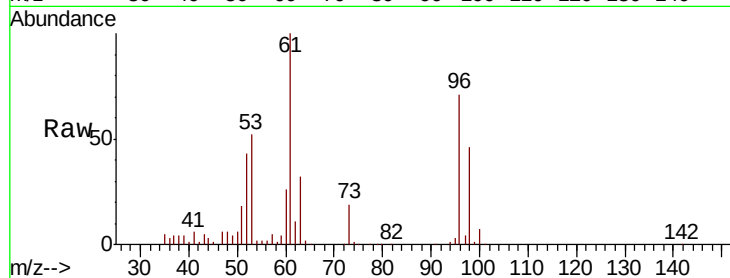
Tgt Ion: 96 Resp: 71376

Ion Ratio Lower Upper

96 100

61 140.7 111.8 167.6

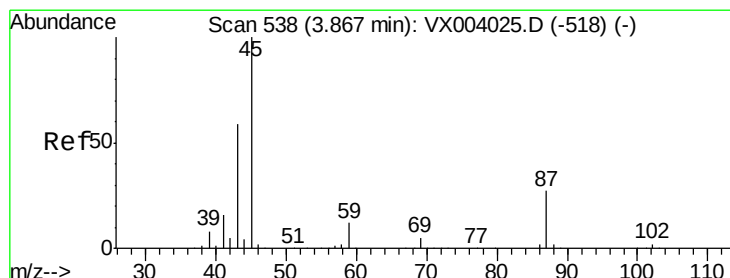
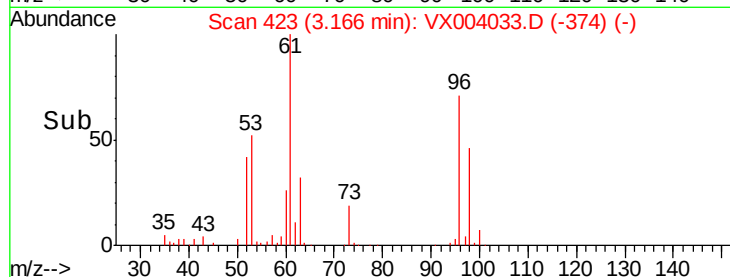
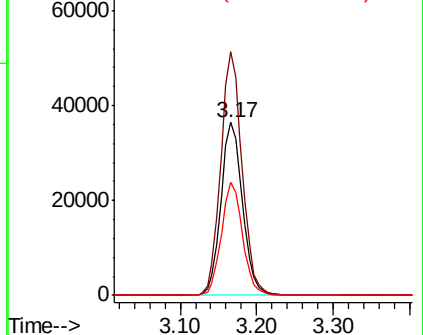
98 65.3 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.036 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Tgt Ion: 45 Resp: 242253

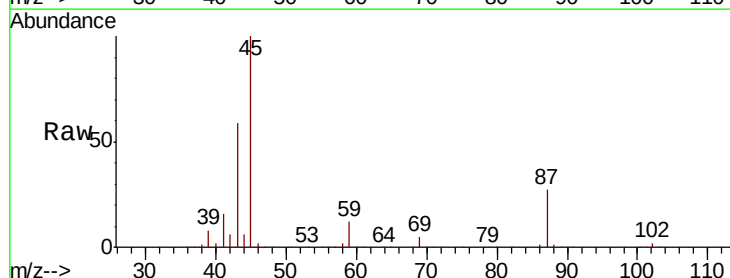
Ion Ratio Lower Upper

45 100

43 58.4 45.3 67.9

87 27.3 22.7 34.1

59 11.7 9.6 14.4

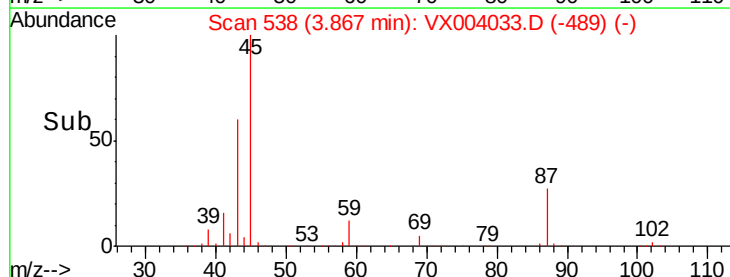
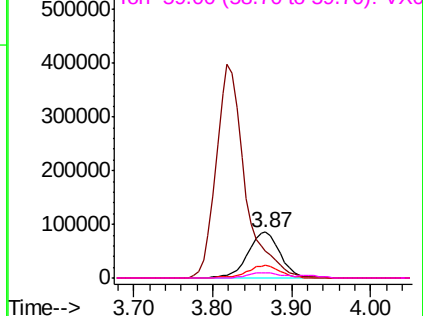


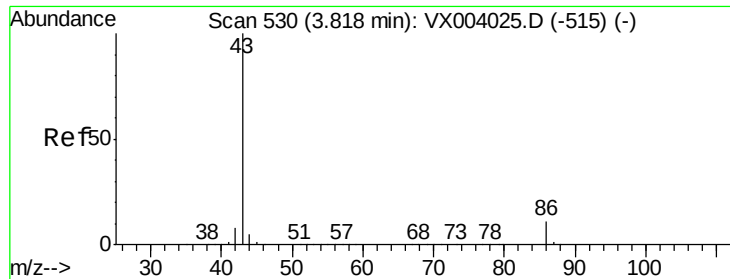
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 97.356 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

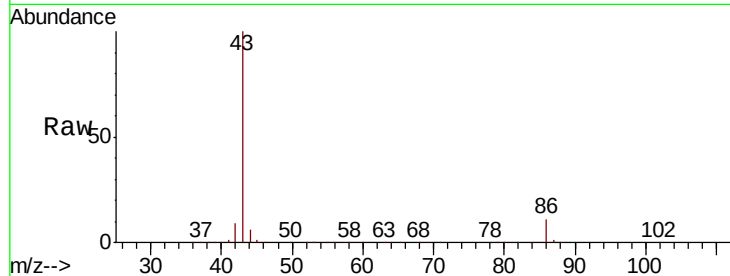
VX0814WBSD01

Tgt Ion: 43 Resp: 1017611

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

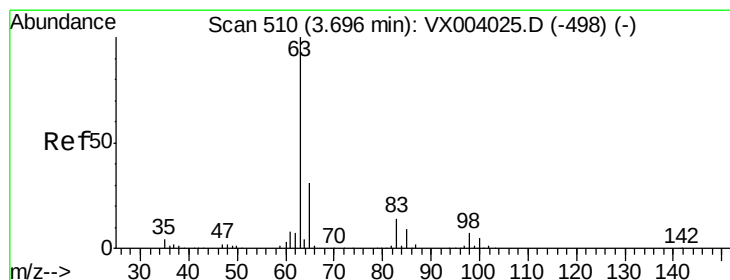
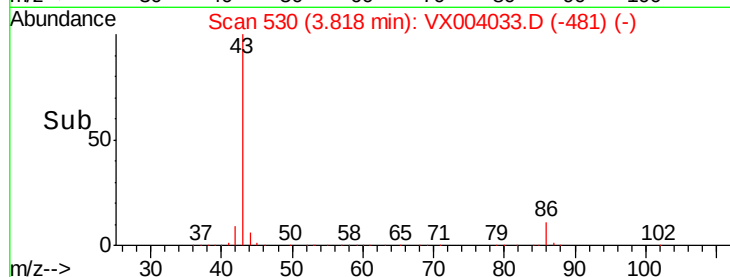
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 18.888 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

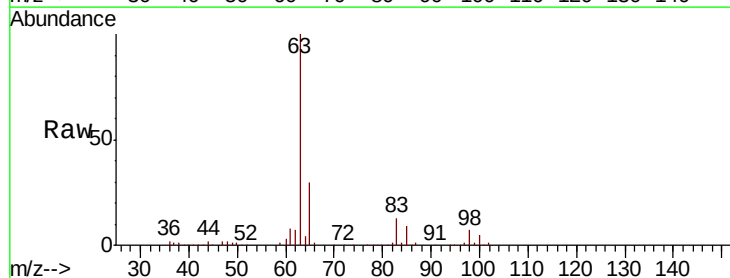
Tgt Ion: 63 Resp: 136150

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.7 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

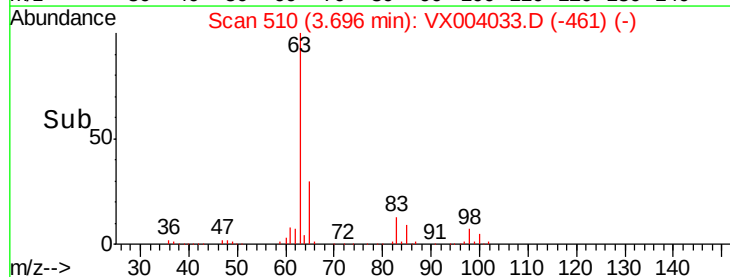
60000

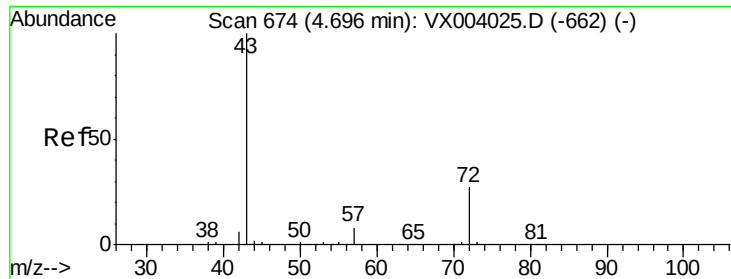
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 97.148 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

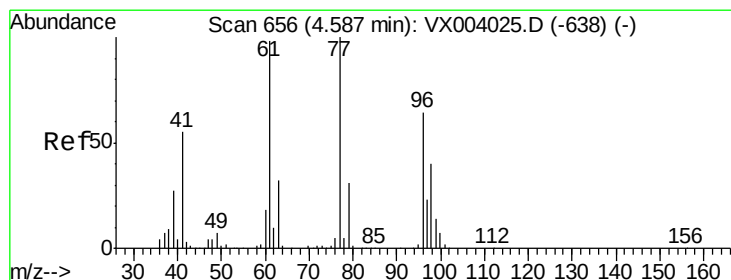
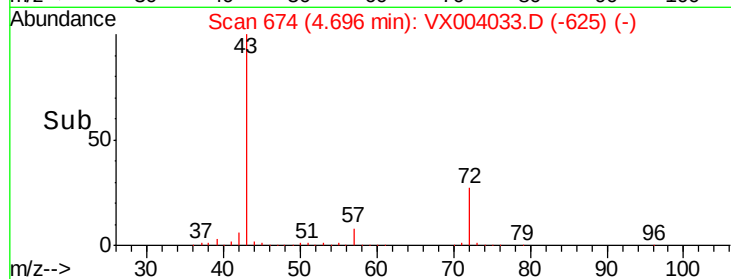
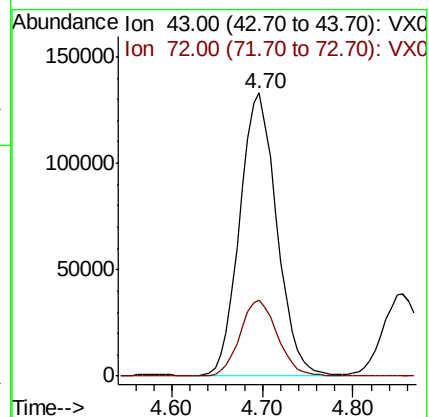
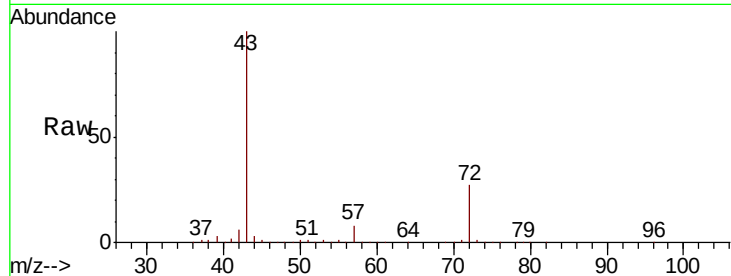
VX0814WBSD01

Tgt Ion: 43 Resp: 375689

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.0



#26

2,2-Dichloropropane

Concen: 18.826 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004033.D

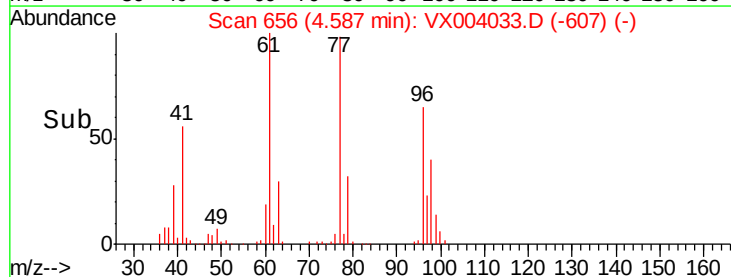
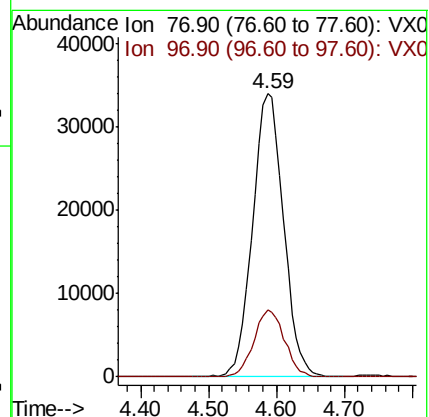
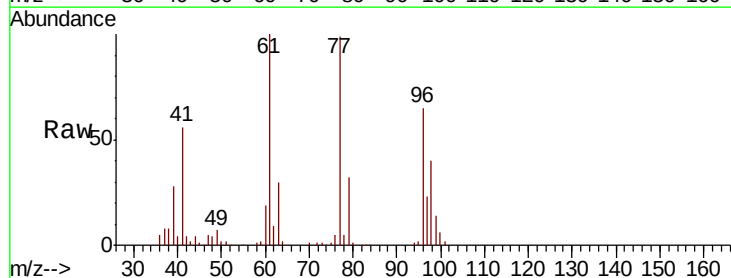
Acq: 14 Aug 2018 16:24

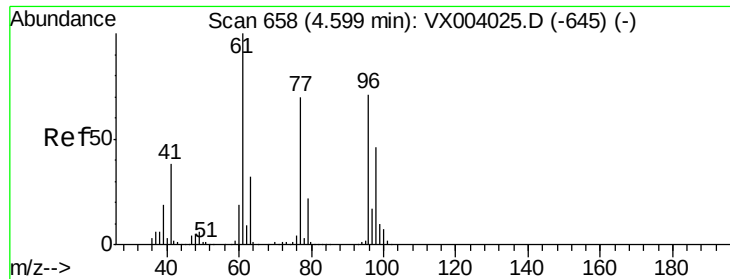
Tgt Ion: 77 Resp: 107887

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9



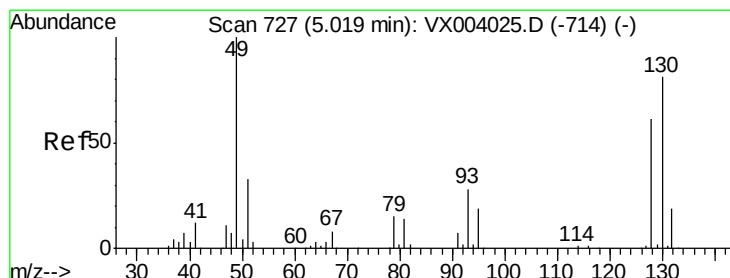
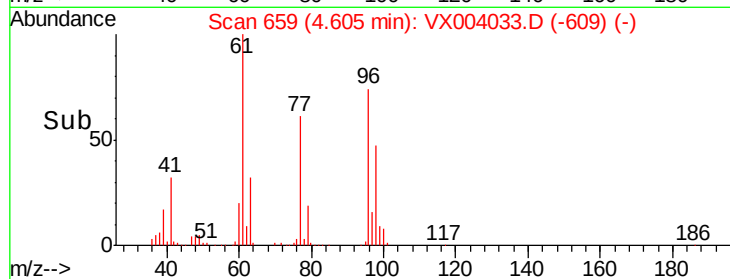
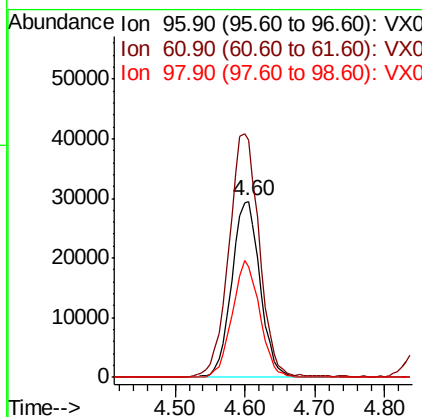
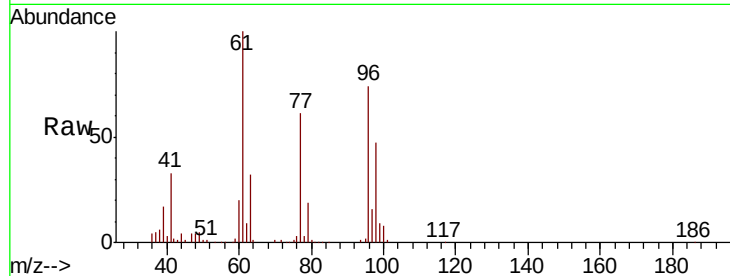


#27

cis-1,2-Dichloroethene
 Concen: 19.012 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

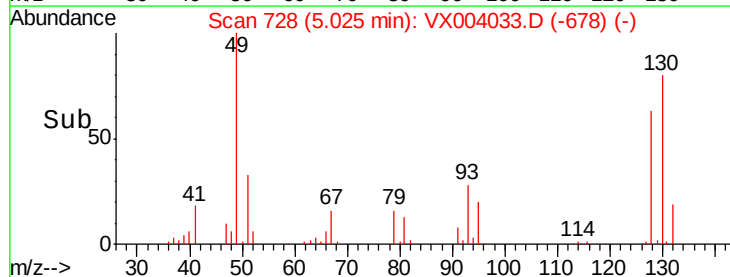
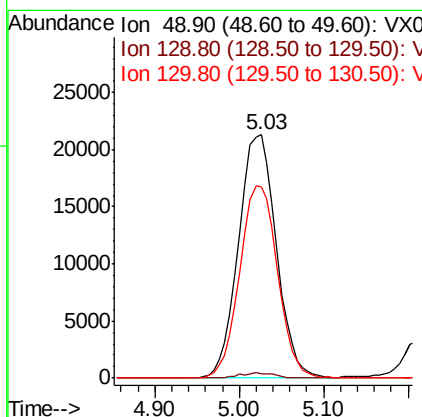
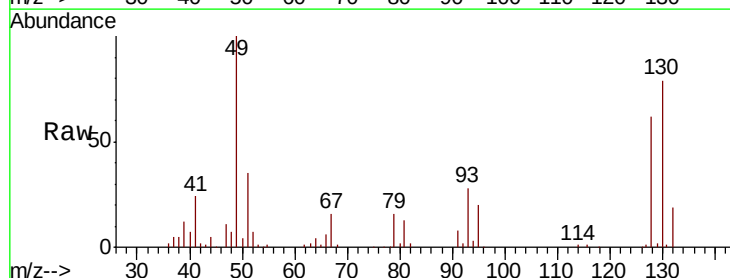
Tgt Ion: 96 Resp: 82872
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 293.0
 98 64.5 0.0 131.8

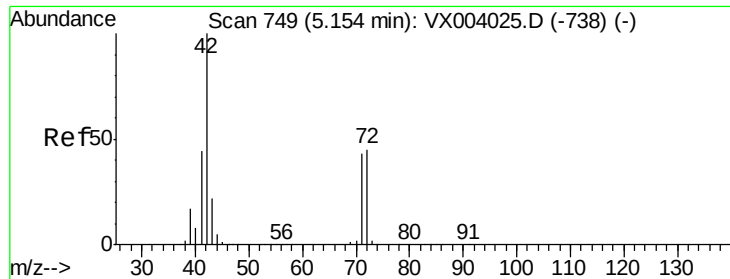


#28

Bromochloromethane
 Concen: 19.627 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 49 Resp: 64909
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 79.2 66.5 99.7

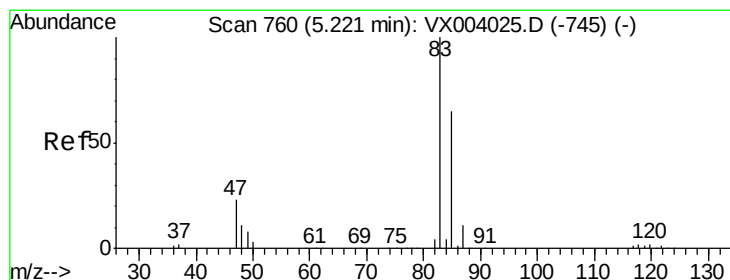
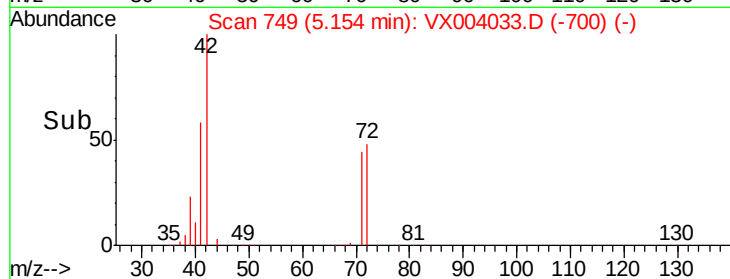
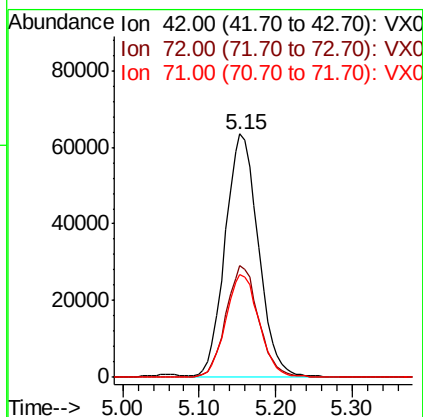
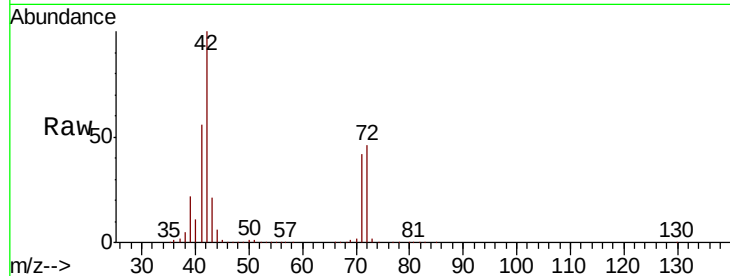




#29
Tetrahydrofuran
Concen: 96.316 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

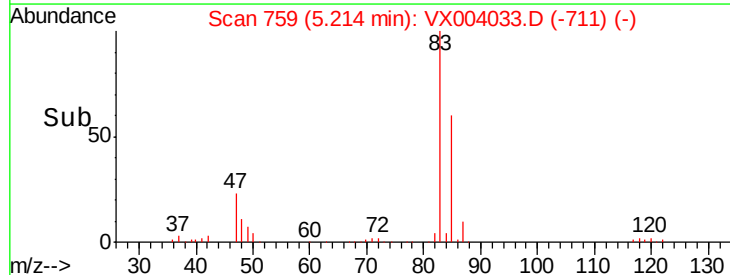
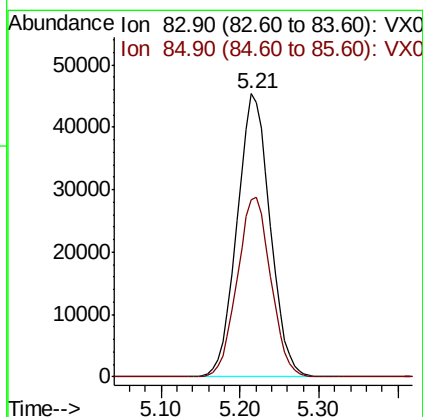
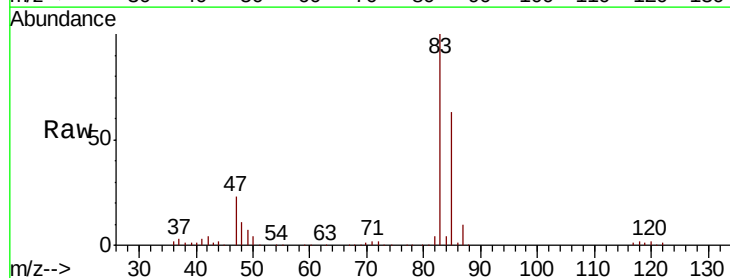
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD01

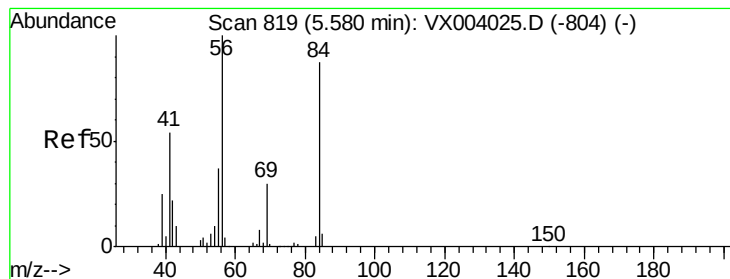
Tgt Ion: 42 Resp: 190300
Ion Ratio Lower Upper
42 100
72 45.2 37.7 56.5
71 42.5 35.0 52.6



#30
Chloroform
Concen: 18.806 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Tgt Ion: 83 Resp: 132300
Ion Ratio Lower Upper
83 100
85 62.6 50.7 76.1





#31

Cyclohexane

Concen: 18.834 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

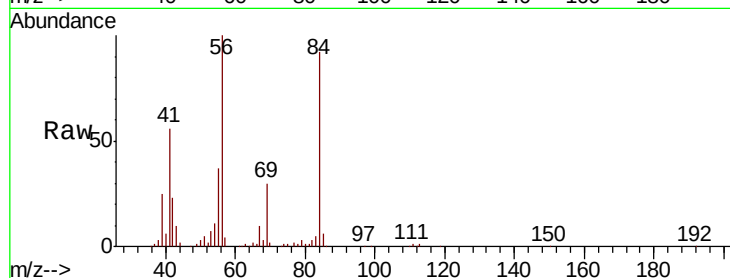
Tgt Ion: 56 Resp: 119013

Ion Ratio Lower Upper

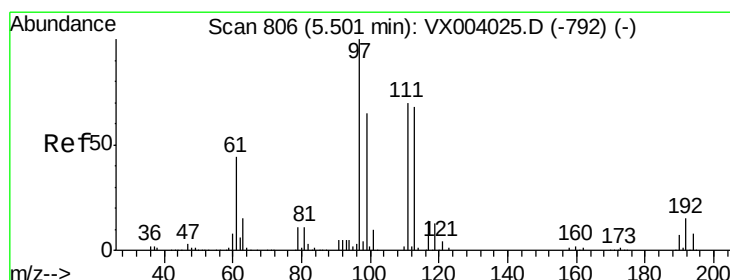
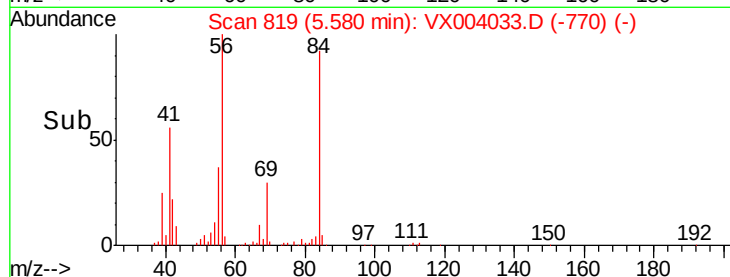
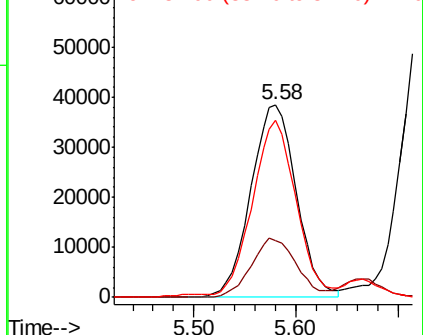
56 100

69 29.7 24.9 37.3

84 89.8 71.7 107.5



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: 19.266 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

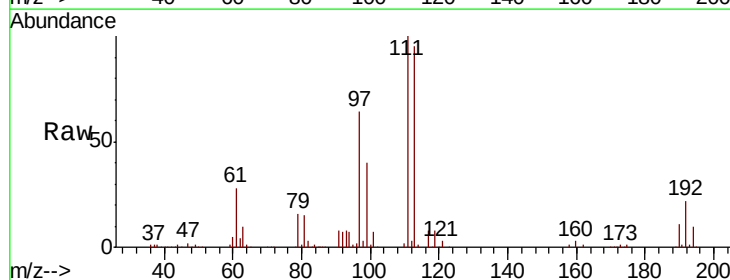
Tgt Ion: 97 Resp: 113257

Ion Ratio Lower Upper

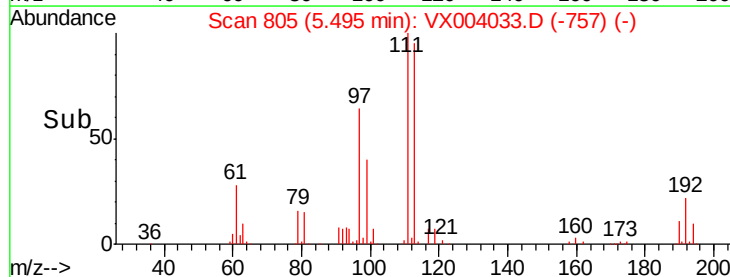
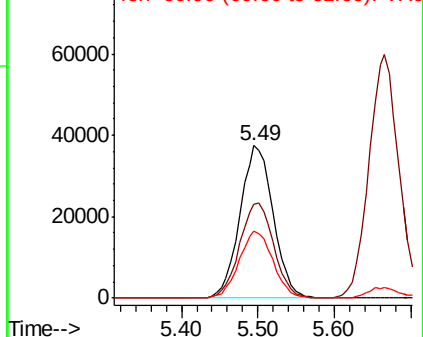
97 100

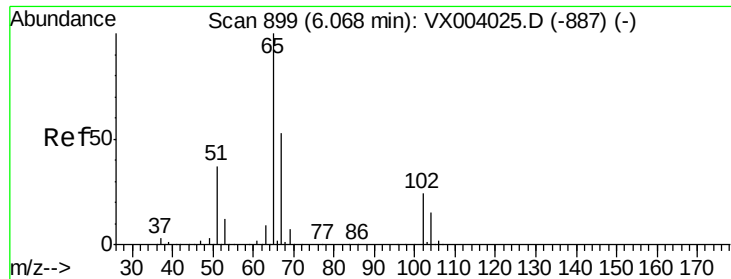
99 64.1 51.8 77.8

61 44.8 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

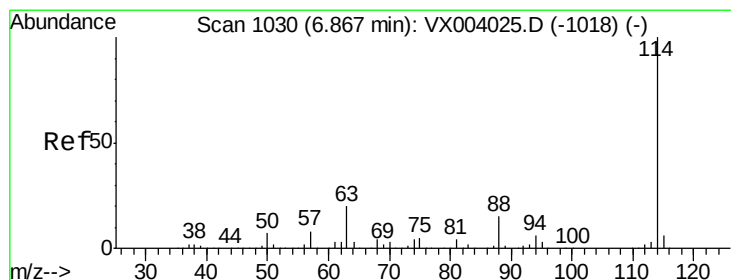
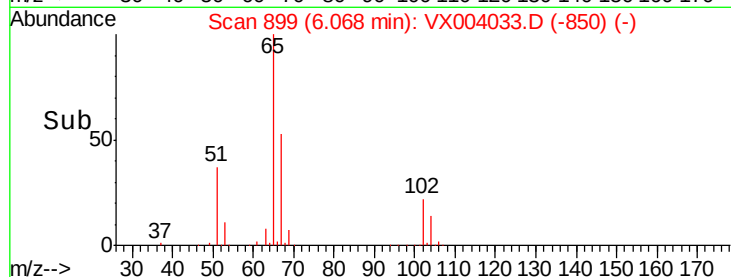
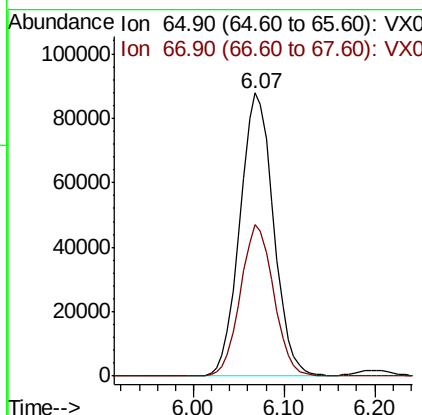
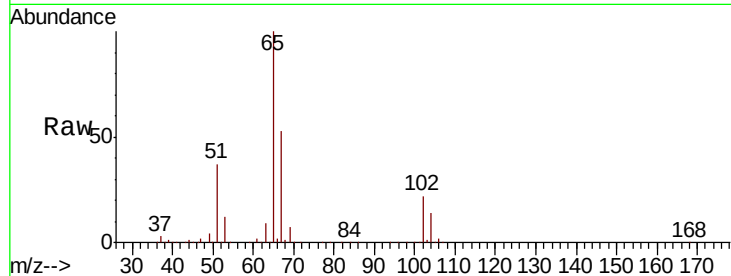




#33
 1,2-Dichloroethane-d4
 Concen: 49.381 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

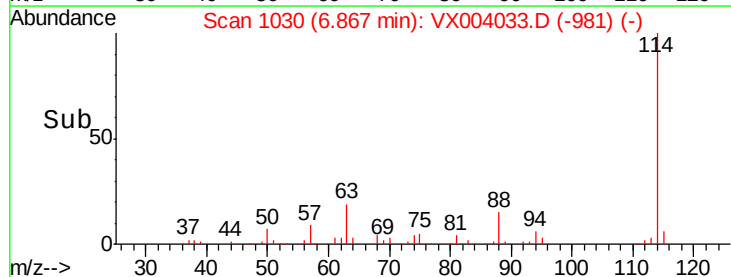
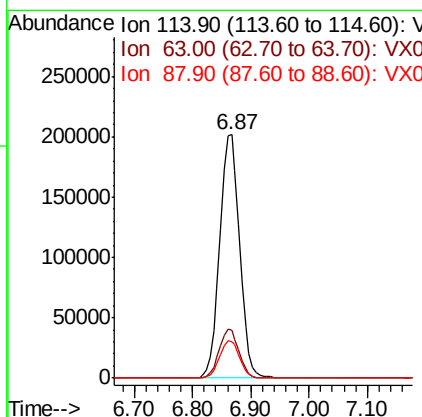
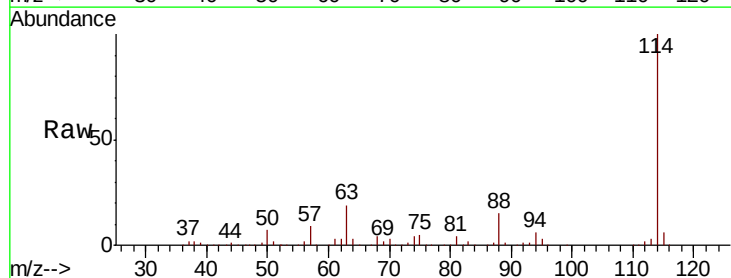
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

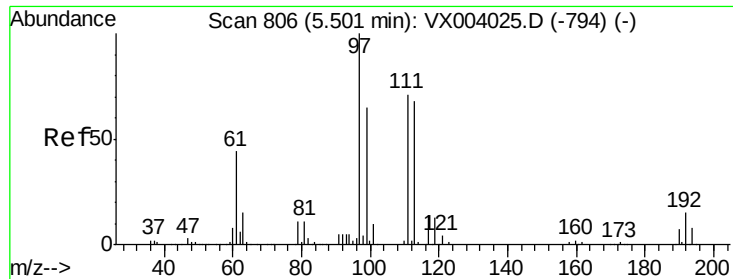
Tgt Ion: 65 Resp: 225738
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 114 Resp: 478007
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.0 0.0 32.0

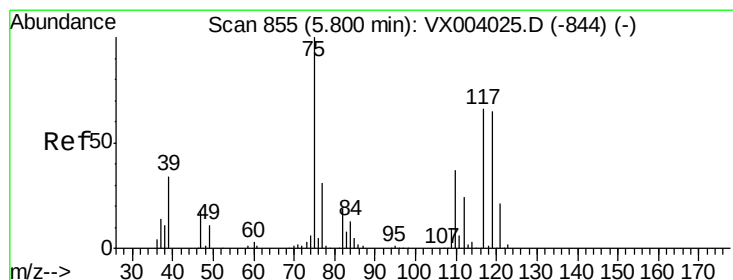
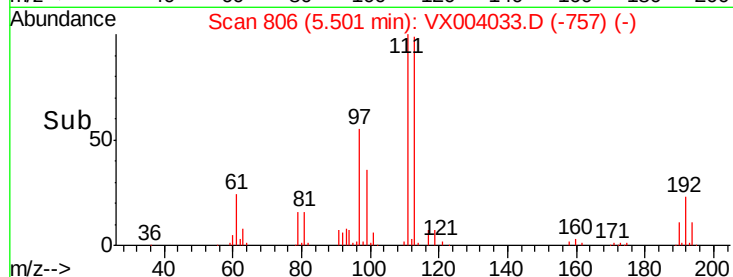
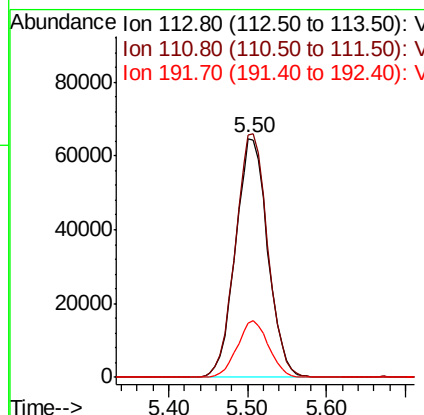
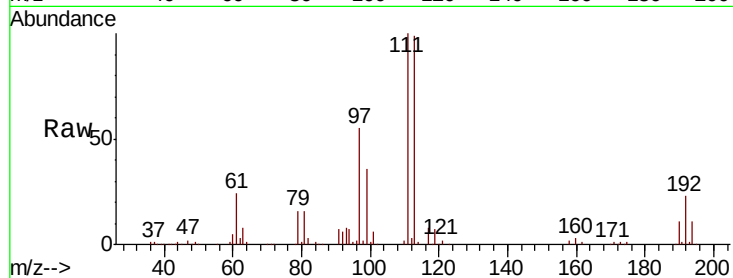




#35
 Dibromofluoromethane
 Concen: 51.306 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

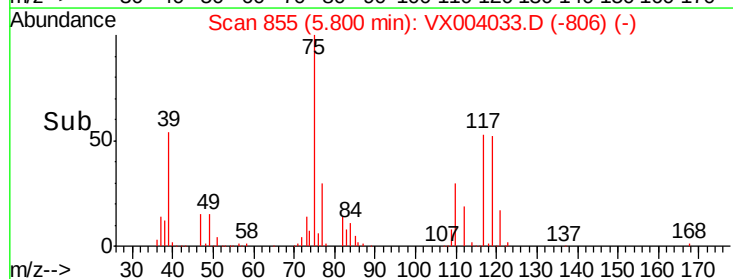
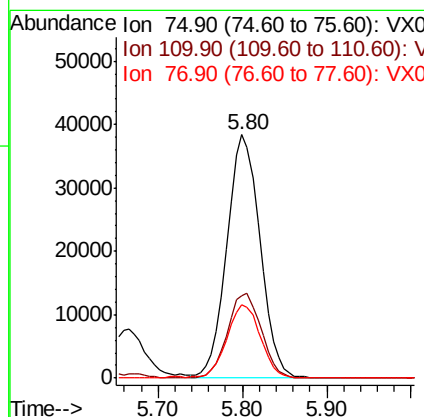
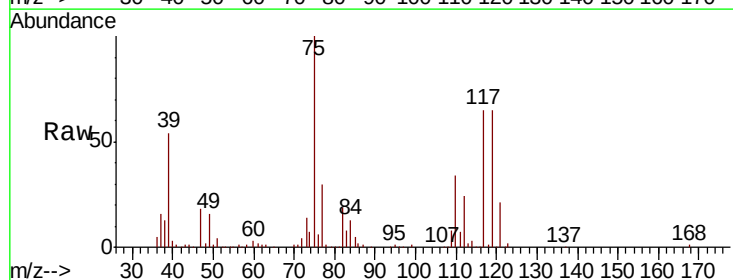
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

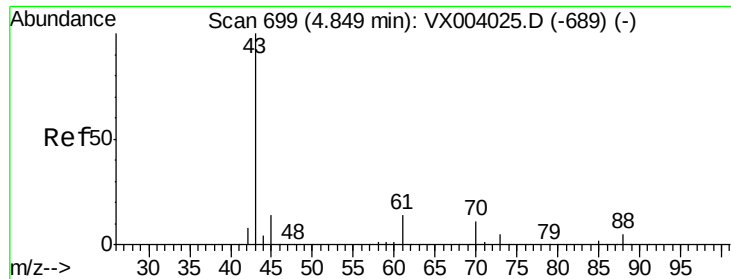
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	23.3	19.0	28.4



#36
 1,1-Dichloropropene
 Concen: 18.766 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.2	54.6
77	30.4	25.0	37.4





#37

Ethyl Acetate

Concen: 19.121 ug/l

RT: 4.85 min Scan# 700

Delta R.T. 0.01 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

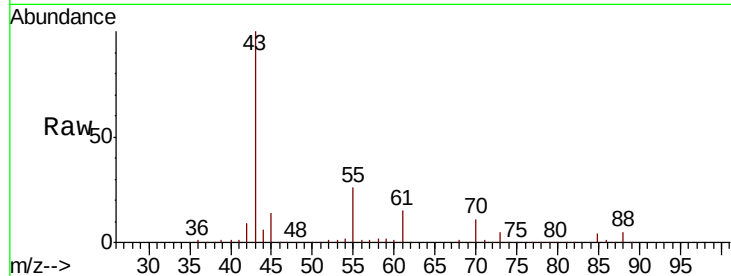
Tgt Ion: 43 Resp: 113259

Ion Ratio Lower Upper

43 100

61 15.3 11.5 17.3

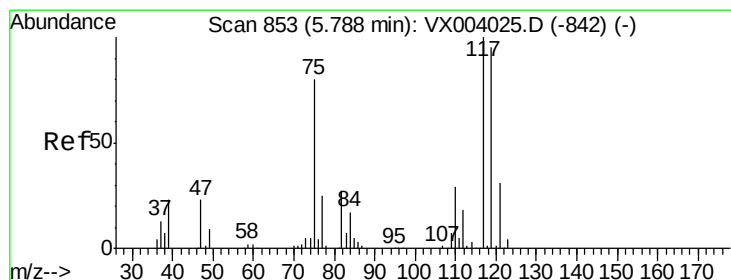
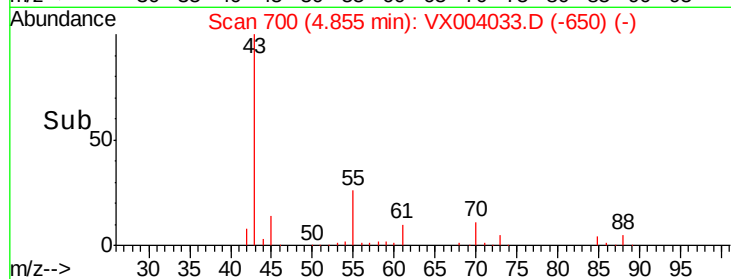
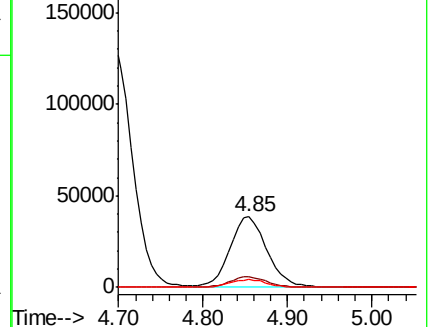
70 11.2 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.475 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

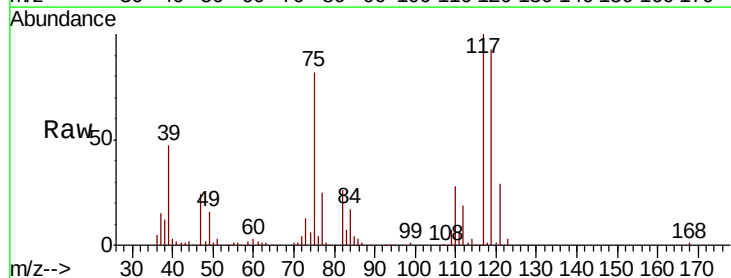
Tgt Ion: 117 Resp: 97633

Ion Ratio Lower Upper

117 100

119 93.3 79.5 119.3

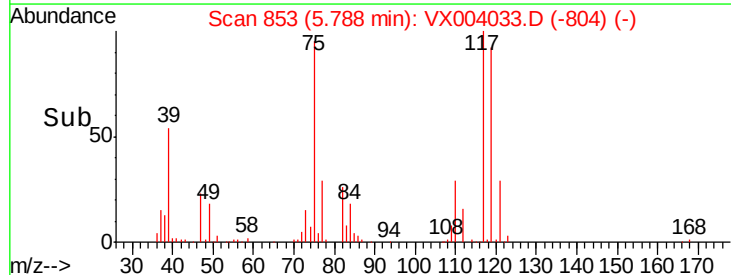
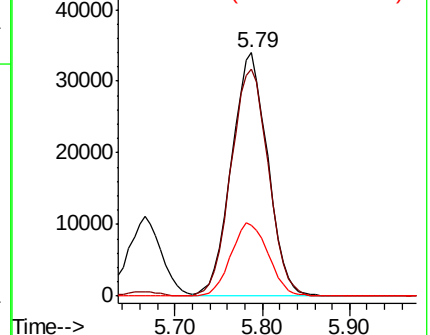
121 29.1 25.0 37.4

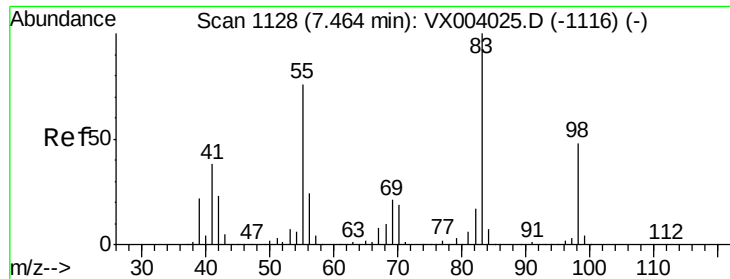


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

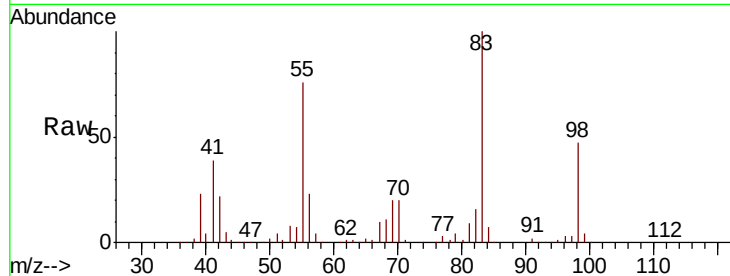




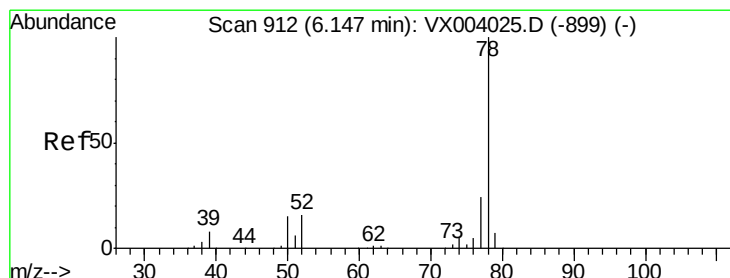
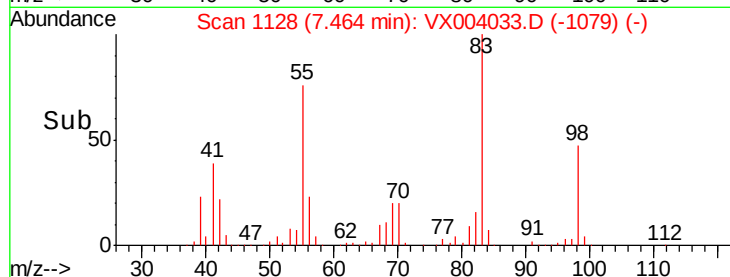
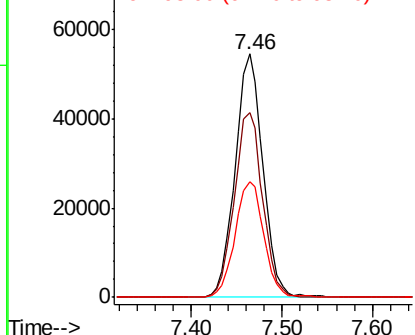
#39
Methylcyclohexane
Concen: 18.752 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Instrument :
MSVOA_X
ClientSampled :
VX0814WBSD01

Tgt Ion: 83 Resp: 115715
Ion Ratio Lower Upper
83 100
55 75.7 61.0 91.6
98 47.3 38.6 57.8

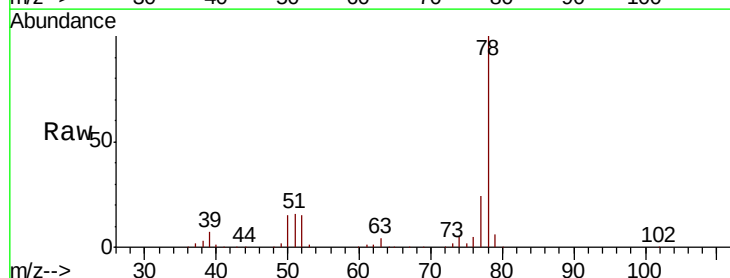


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

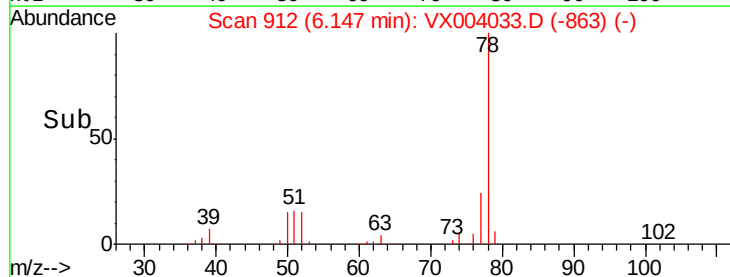
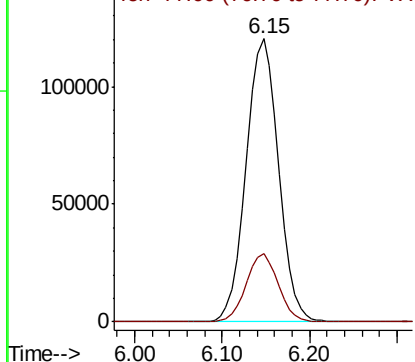


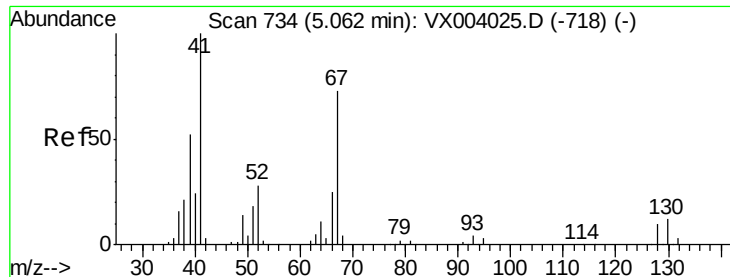
#40
Benzene
Concen: 19.079 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Tgt Ion: 78 Resp: 311615
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

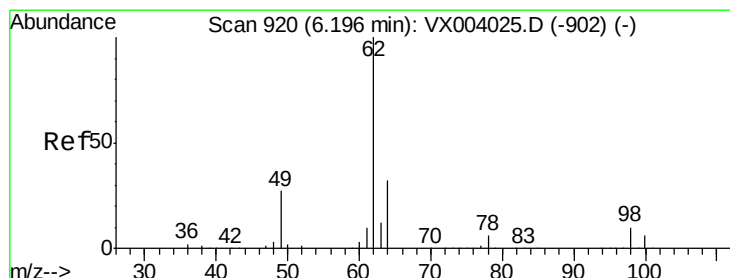
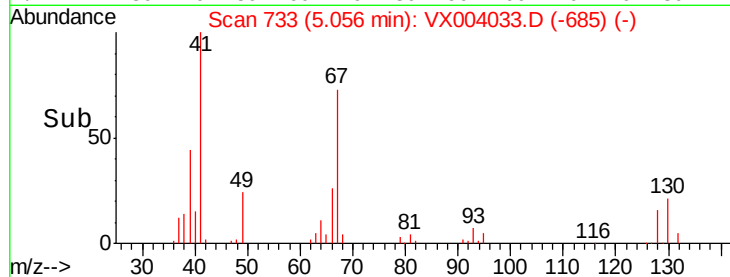
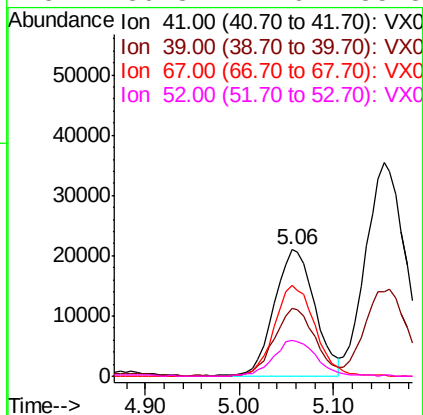
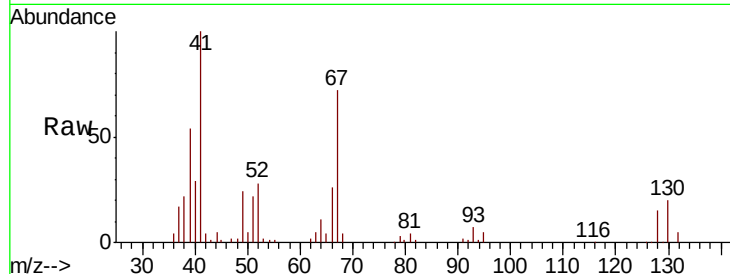




#41
Methacrylonitrile
Concen: 18.872 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

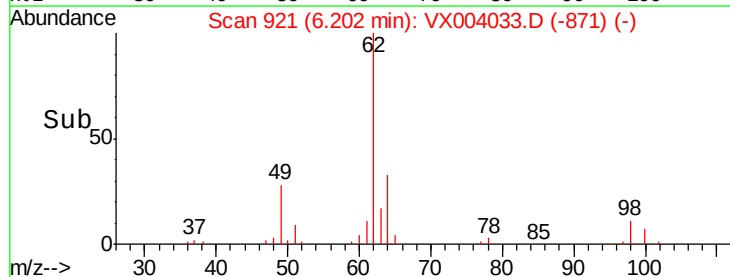
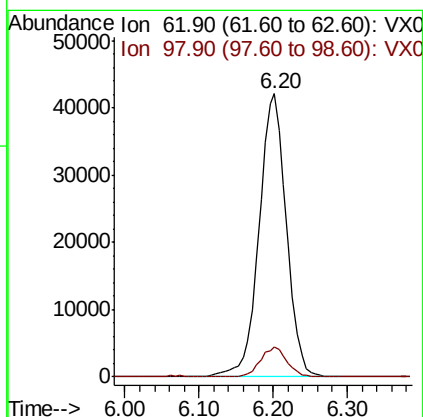
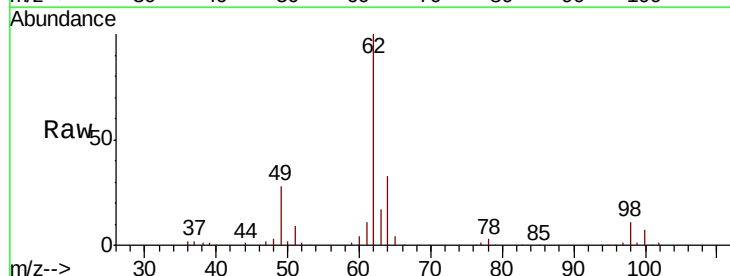
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD01

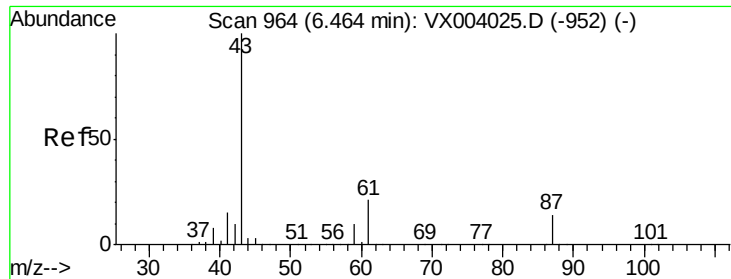
Tgt Ion:	41	Resp:	62605
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.7	64.1
67	72.6	58.9	88.3
52	30.8	22.6	33.8



#42
1,2-Dichloroethane
Concen: 18.778 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Tgt Ion:	62	Resp:	107359
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 18.985 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

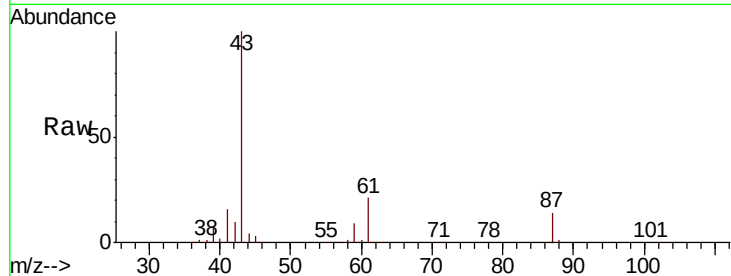
Tgt Ion: 43 Resp: 165754

Ion Ratio Lower Upper

43 100

61 21.2 16.9 25.3

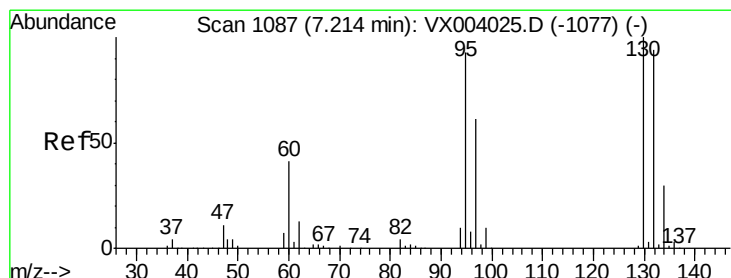
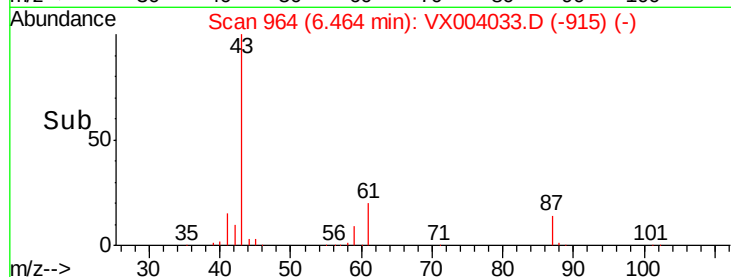
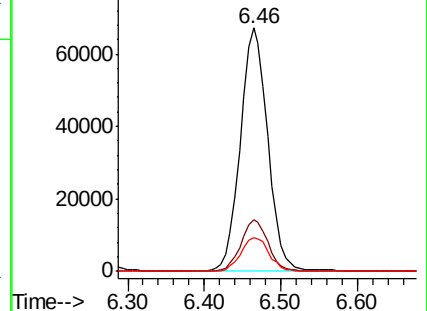
87 14.2 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.838 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004033.D

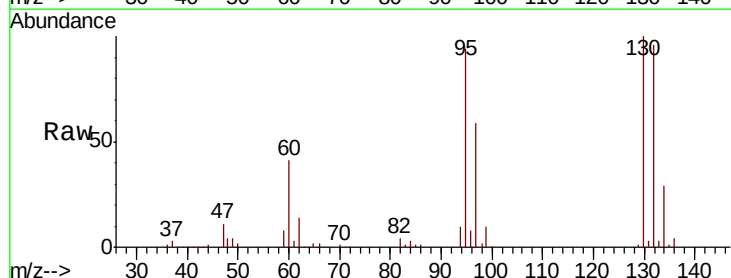
Acq: 14 Aug 2018 16:24

Tgt Ion: 130 Resp: 83527

Ion Ratio Lower Upper

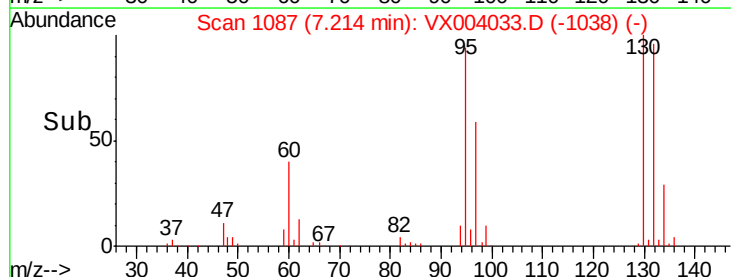
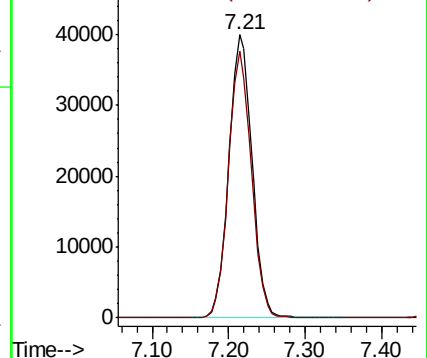
130 100

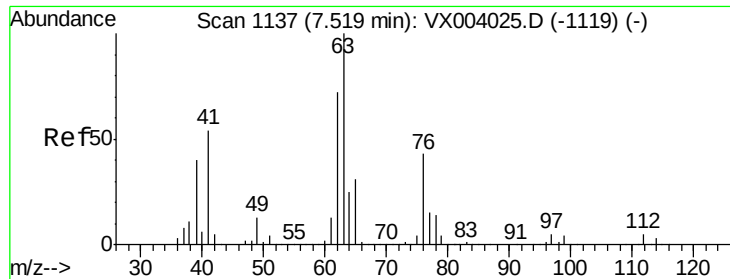
95 94.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

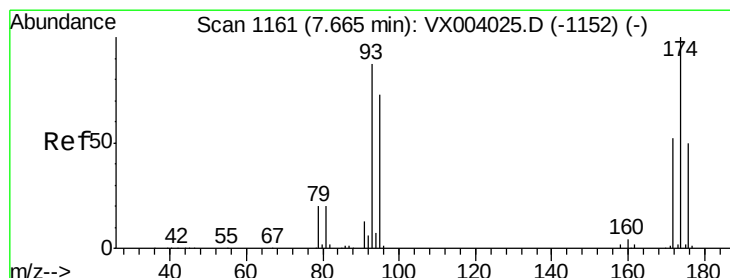
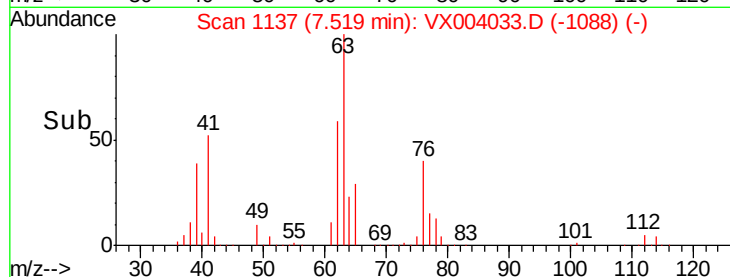
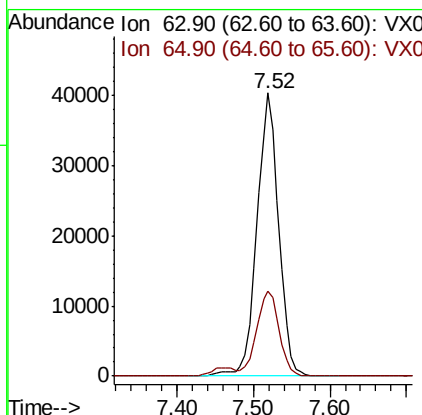
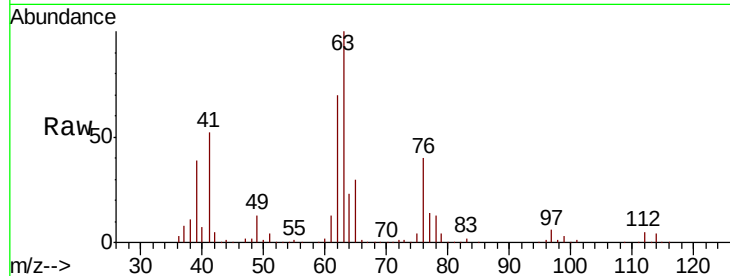




#45
 1,2-Dichloropropane
 Concen: 19.203 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

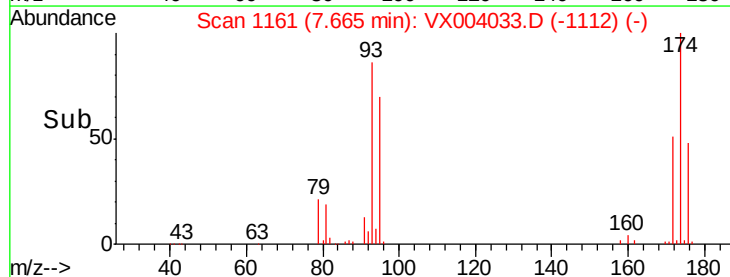
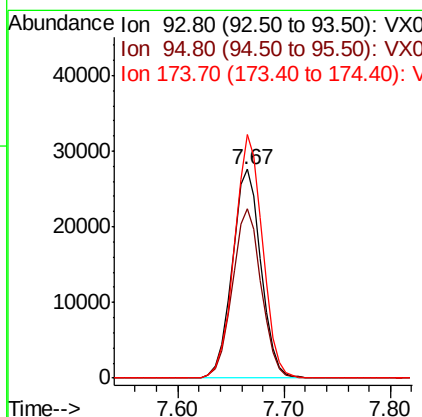
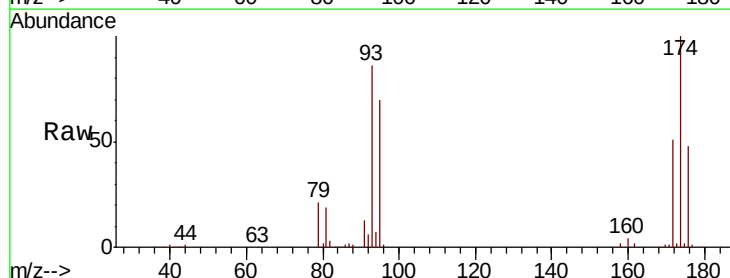
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

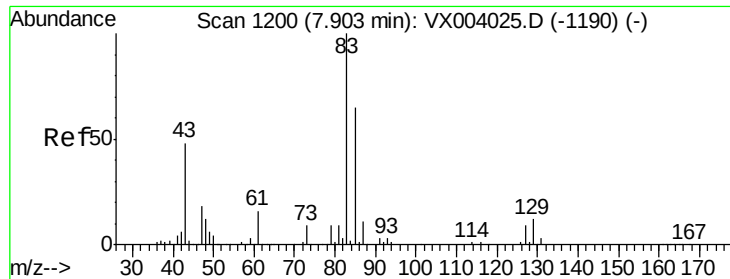
Tgt Ion: 63 Resp: 80292
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 36.8



#46
 Dibromomethane
 Concen: 19.123 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 93 Resp: 52252
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.4 99.6
 174 114.2 94.3 141.5





#47

Bromodichloromethane

Concen: 18.525 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

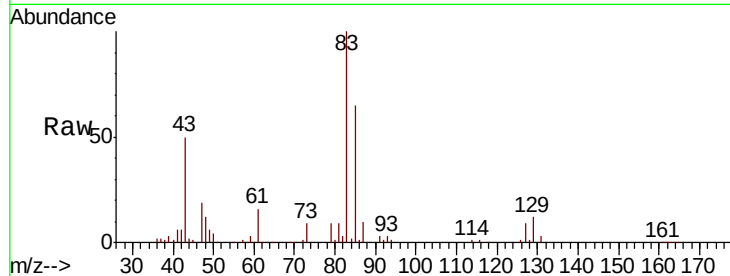
Tgt Ion: 83 Resp: 95871

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8

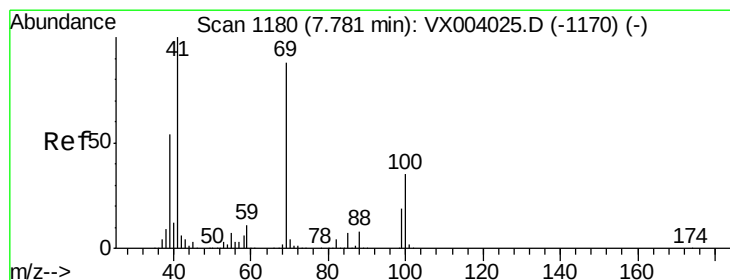
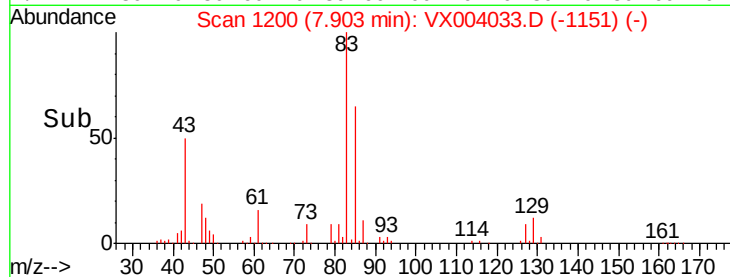
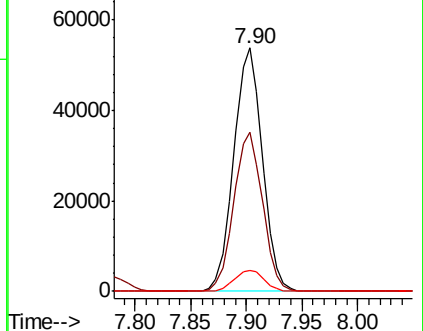
127 8.8 7.2 10.8



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: 19.346 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

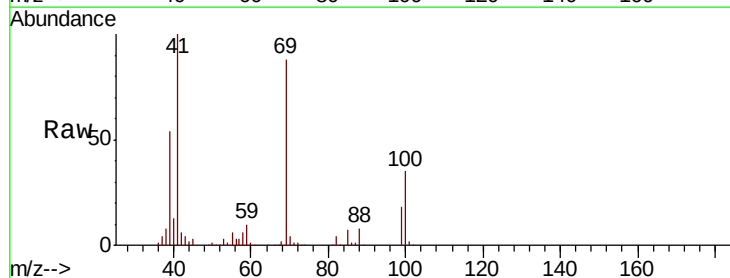
Tgt Ion: 41 Resp: 85026

Ion Ratio Lower Upper

41 100

69 87.3 68.8 103.2

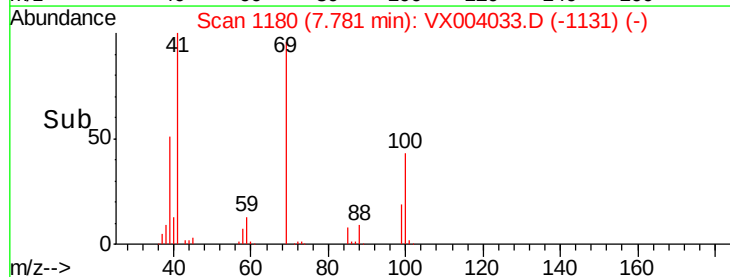
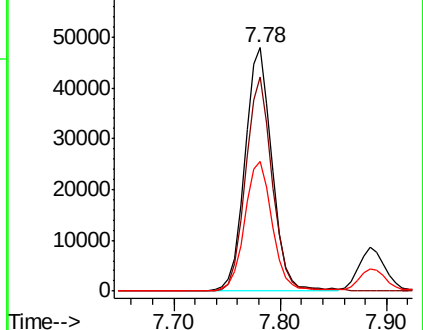
39 54.1 42.3 63.5

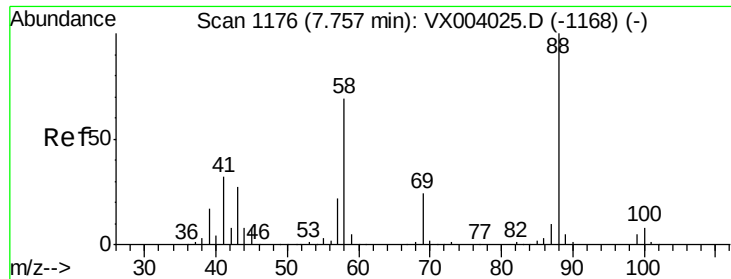


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

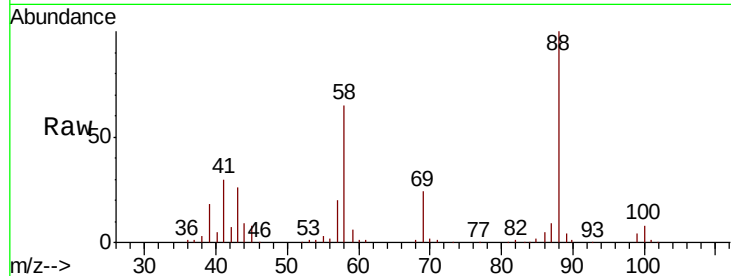




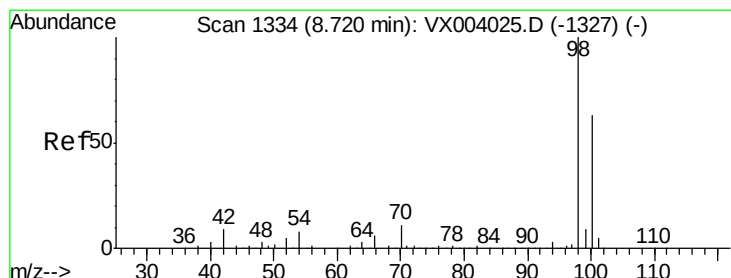
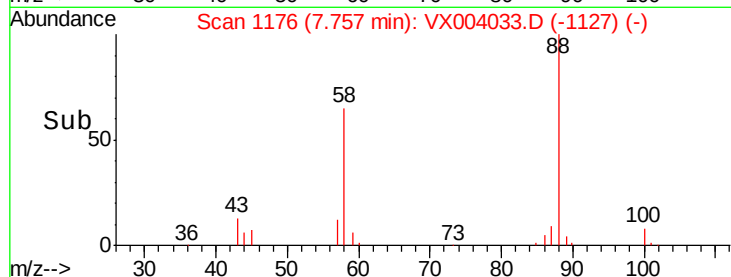
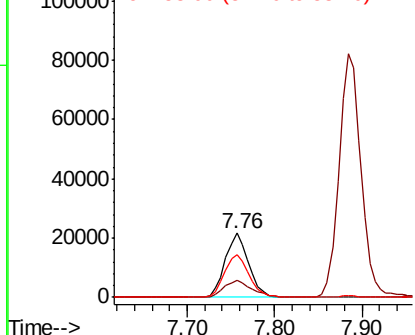
#49
1,4-Dioxane
Concen: 406.800 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD01

Tgt Ion: 88 Resp: 40254
Ion Ratio Lower Upper
88 100
43 30.2 23.8 35.8
58 70.2 55.4 83.0

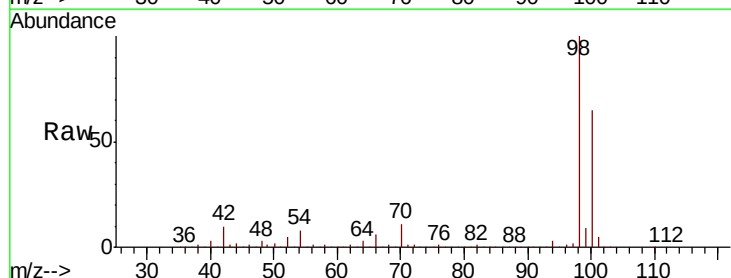


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

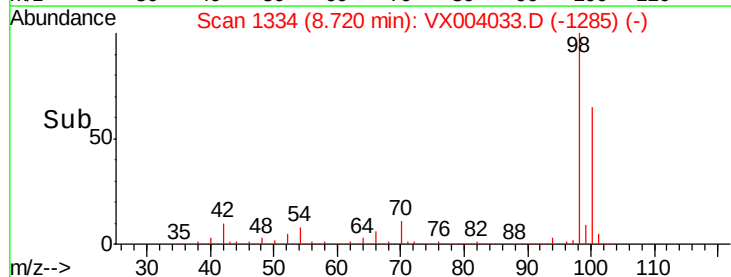
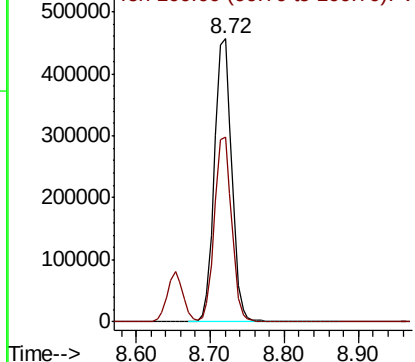


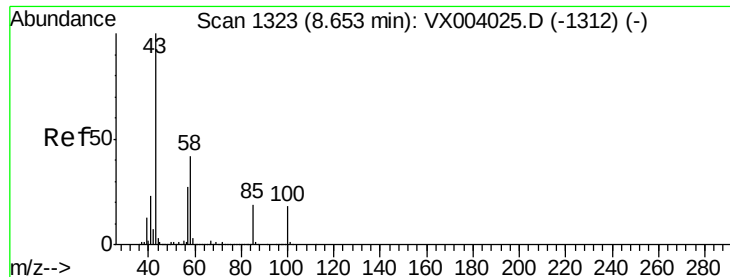
#50
Toluene-d8
Concen: 49.990 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Tgt Ion: 98 Resp: 725094
Ion Ratio Lower Upper
98 100
100 65.4 53.3 79.9



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

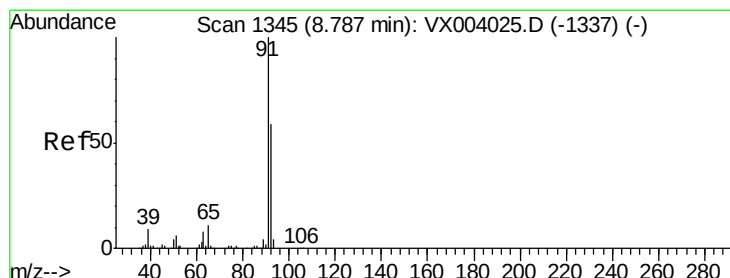
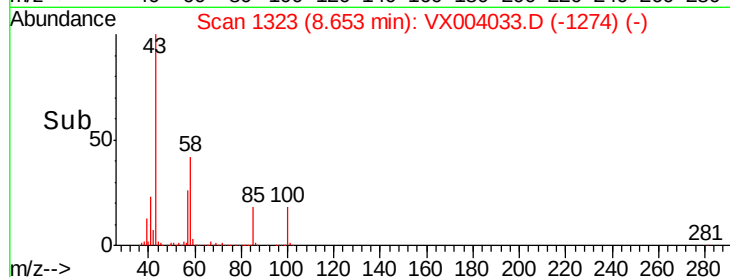
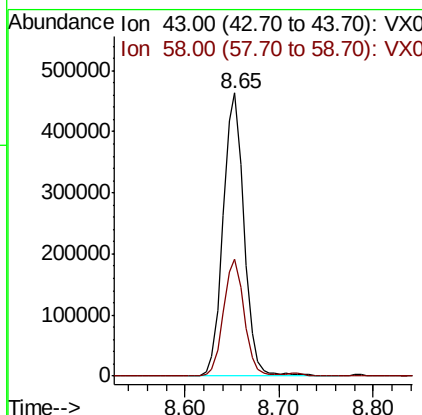
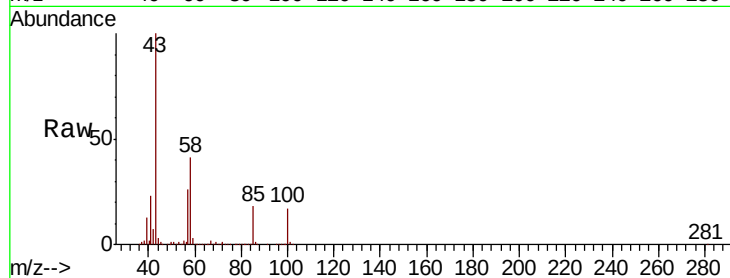




#51
 4-Methyl-2-Pentanone
 Concen: 100.059 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

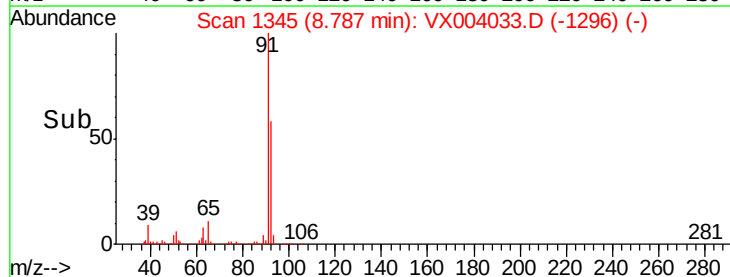
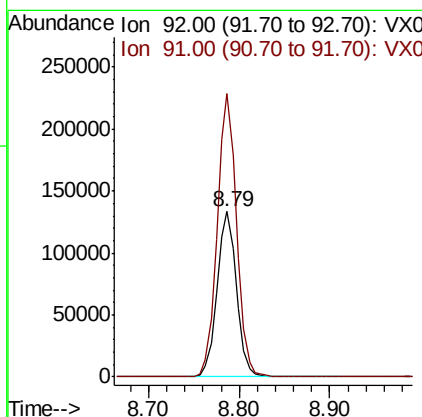
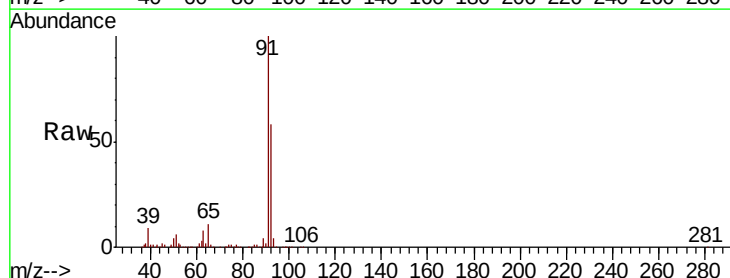
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

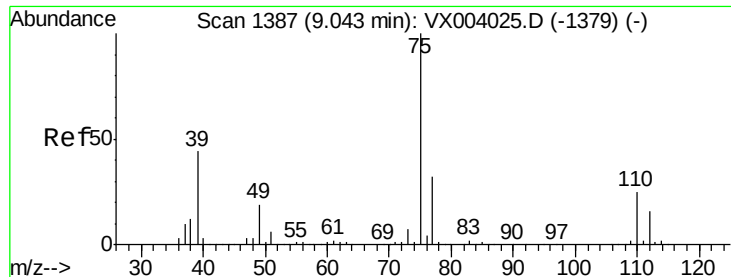
Tgt Ion: 43 Resp: 716317
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.0 49.6



#52
 Toluene
 Concen: 19.324 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 92 Resp: 199609
 Ion Ratio Lower Upper
 92 100
 91 170.6 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 18.801 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

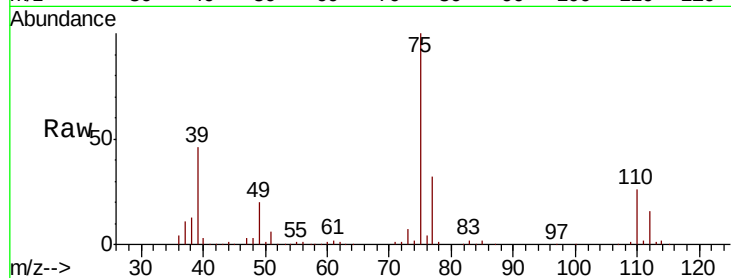
VX0814WBSD01

Tgt Ion: 75 Resp: 105113

Ion Ratio Lower Upper

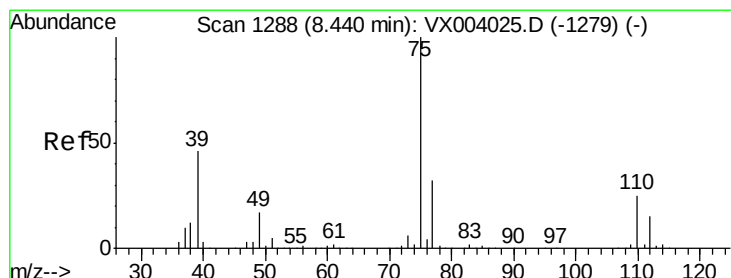
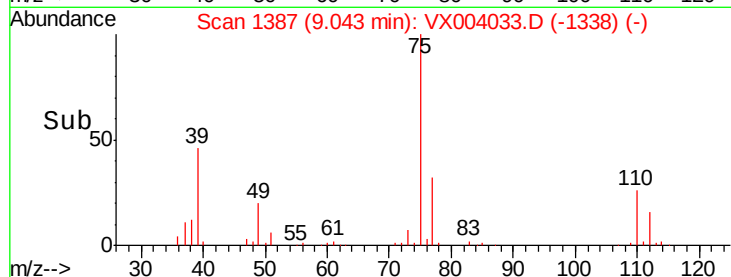
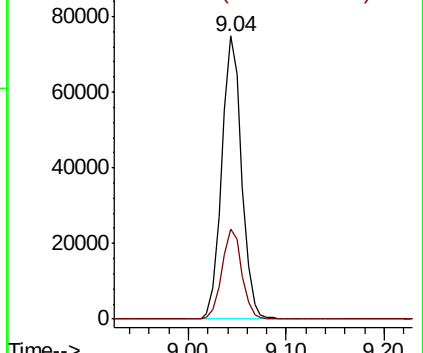
75 100

77 32.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.031 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

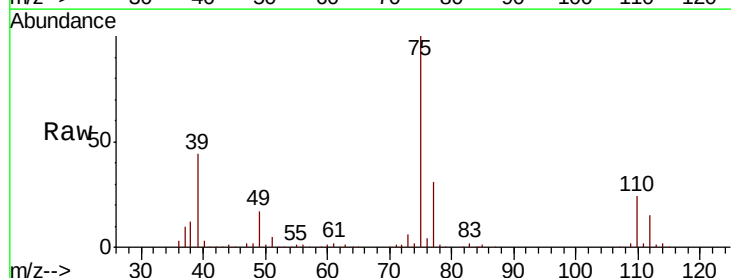
Tgt Ion: 75 Resp: 117828

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

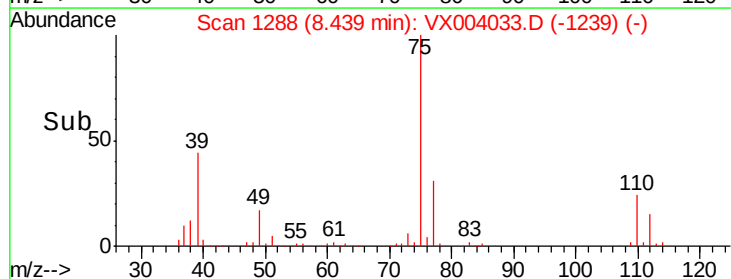
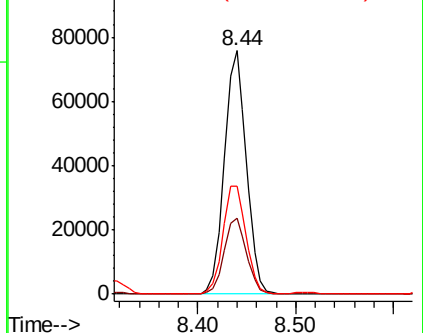
39 44.3 36.2 54.2

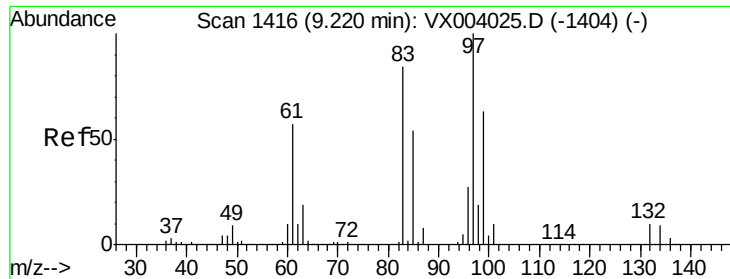


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

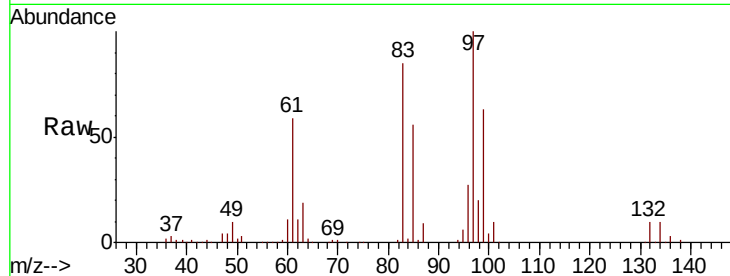




#55
 1,1,2-Trichloroethane
 Concen: 18.786 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

Tgt Ion:	97	Resp:	80135
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.8	101.6
85	55.5	44.2	66.2
99	63.1	50.8	76.2



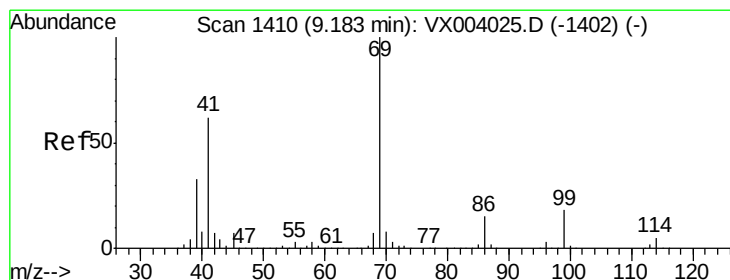
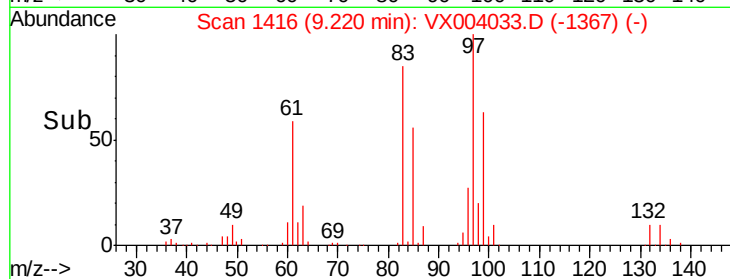
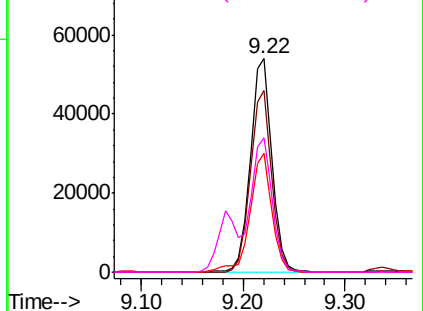
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

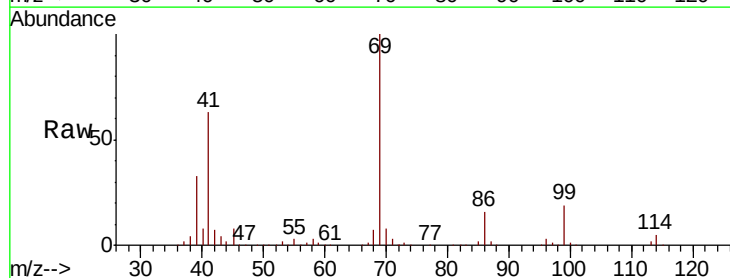
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 19.276 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion:	69	Resp:	111816
Ion	Ratio	Lower	Upper
69	100		
41	64.2	50.6	76.0
39	33.1	25.8	38.6

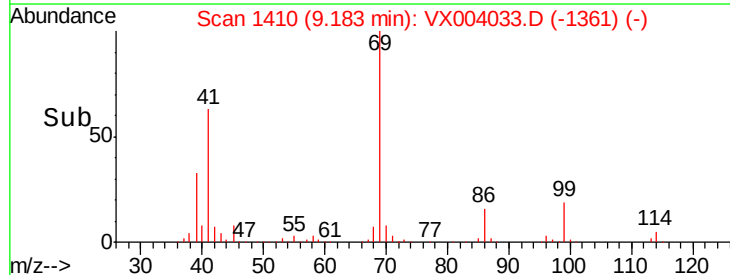
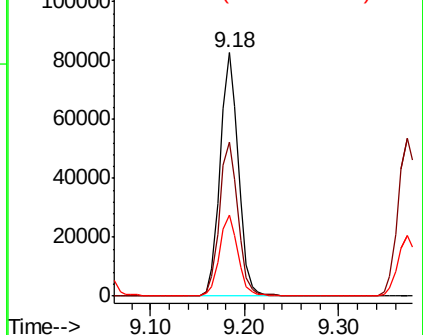


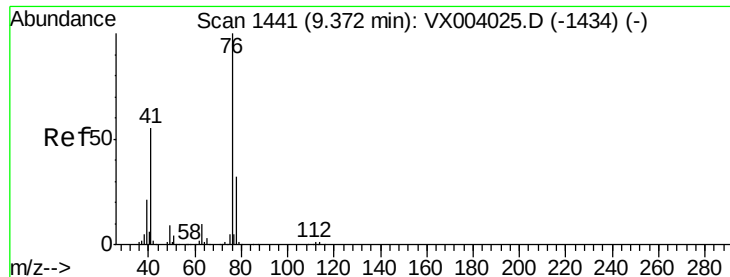
Abundance

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

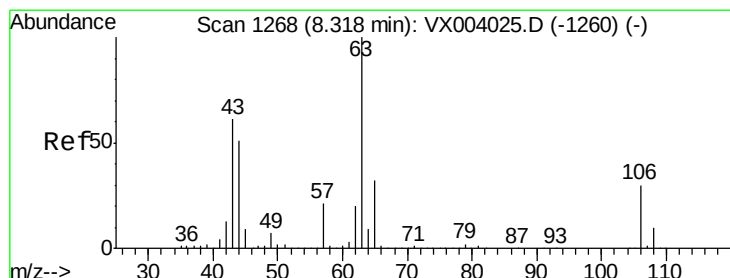
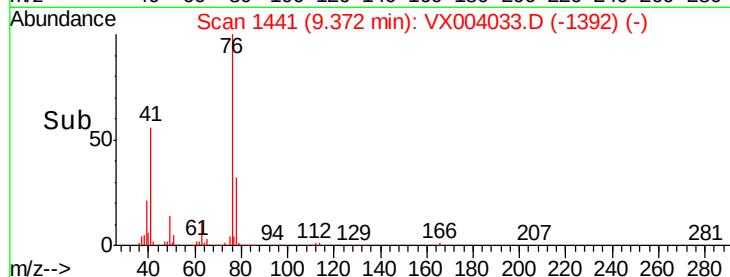
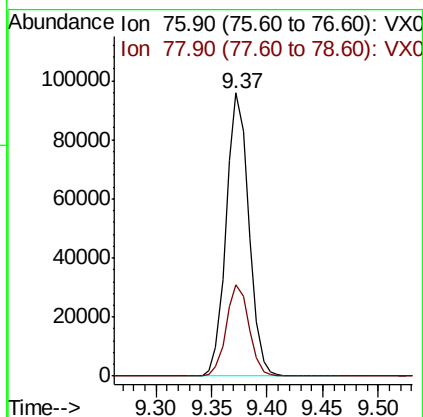
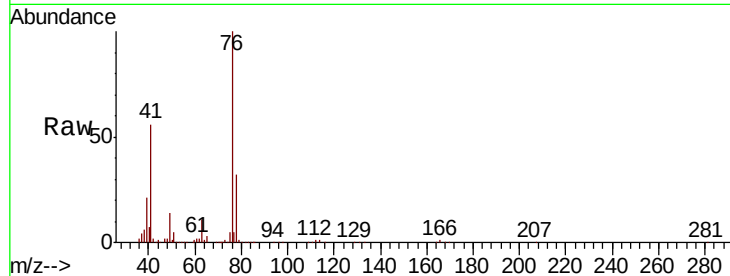




#57
 1,3-Dichloropropane
 Concen: 19.093 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

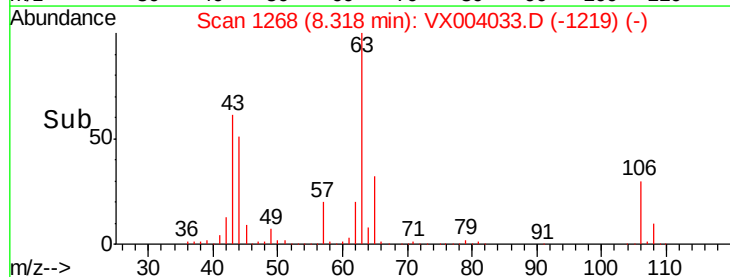
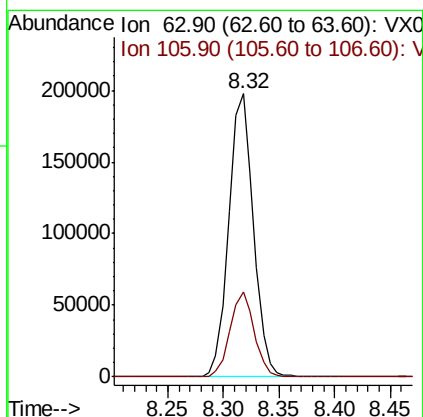
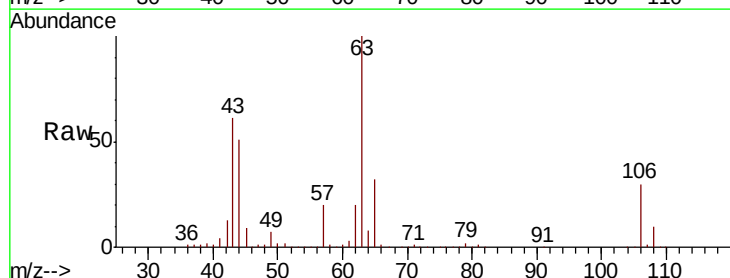
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

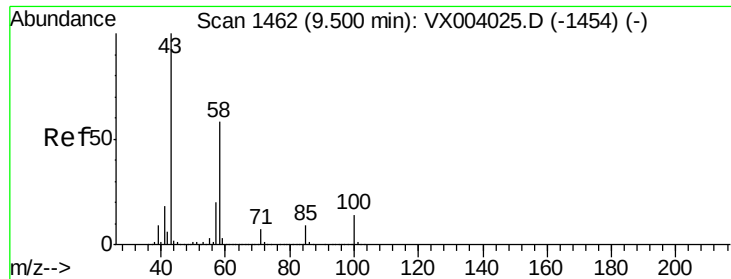
Tgt Ion: 76 Resp: 135133
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.558 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 63 Resp: 302931
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.8

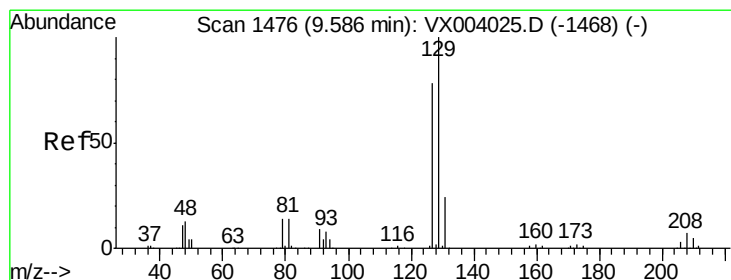
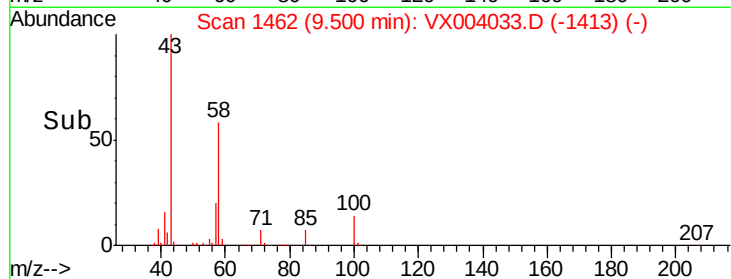
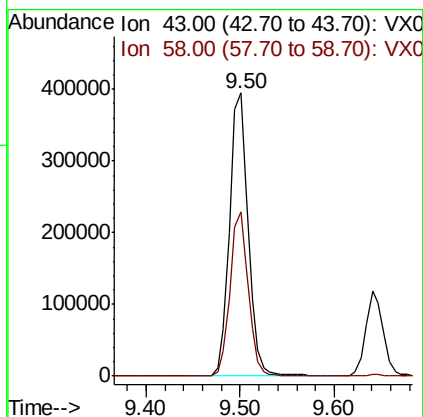
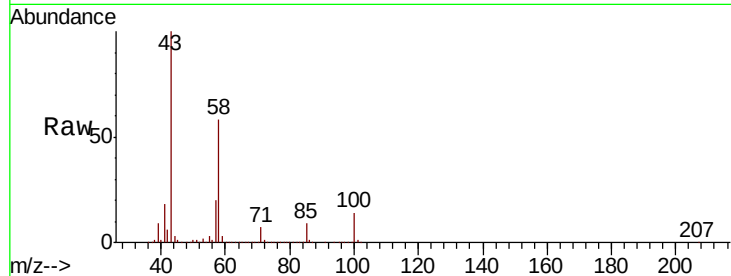




#59
2-Hexanone
Concen: 100.832 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

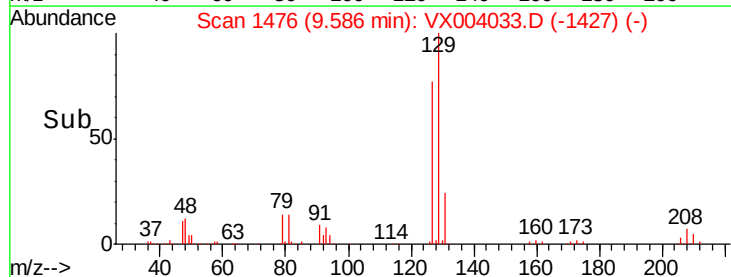
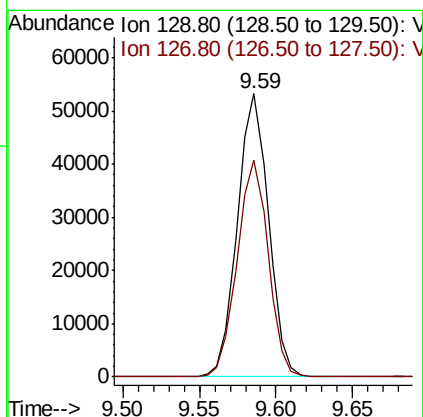
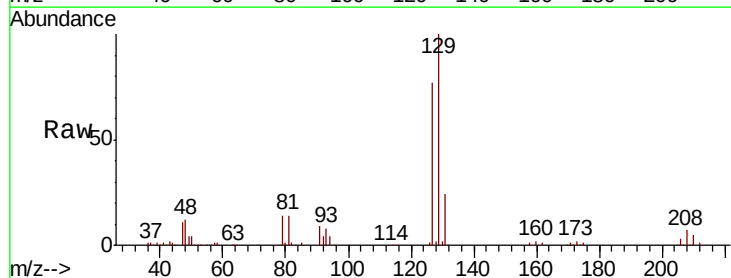
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD01

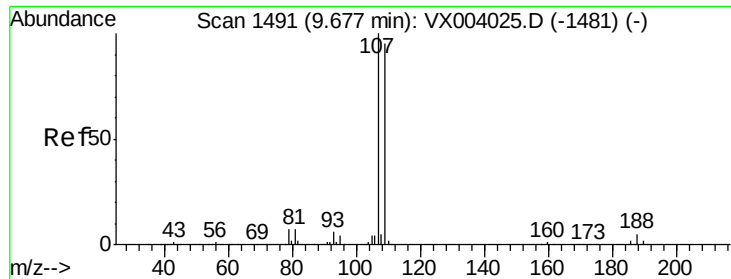
Tgt Ion: 43 Resp: 543273
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.0



#60
Dibromochloromethane
Concen: 18.316 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Tgt Ion: 129 Resp: 75187
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3

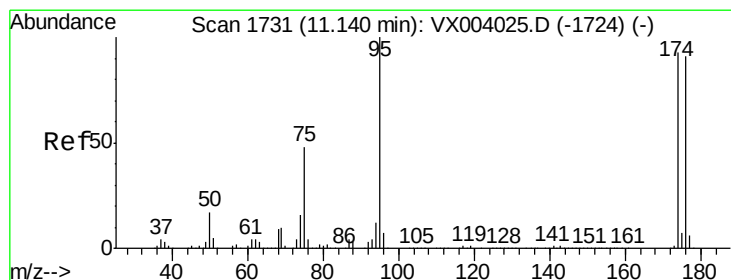
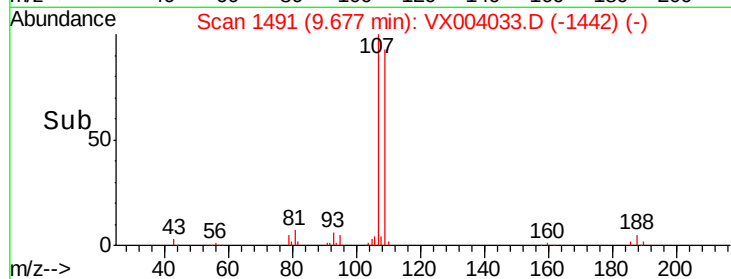
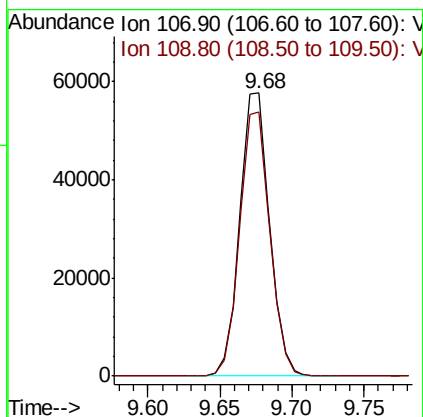
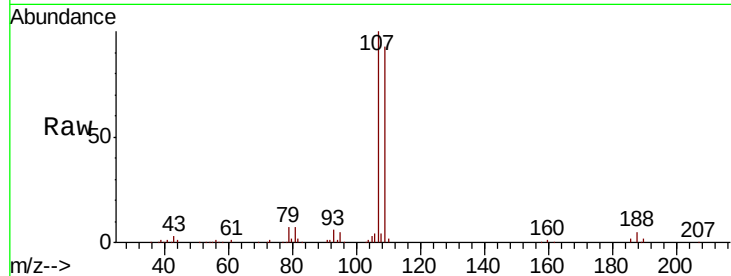




#61
 1,2-Dibromoethane
 Concen: 19.075 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

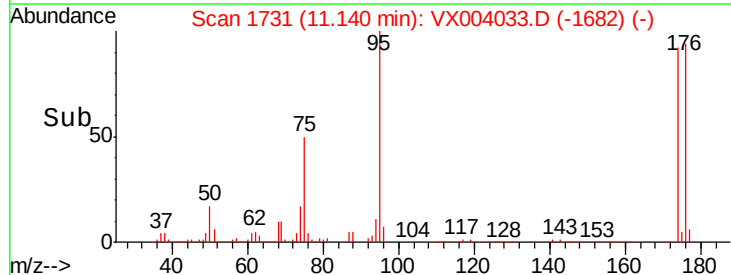
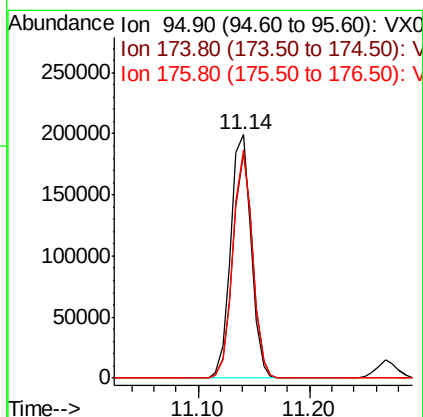
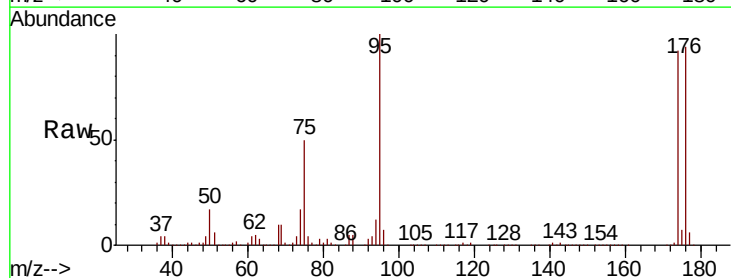
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

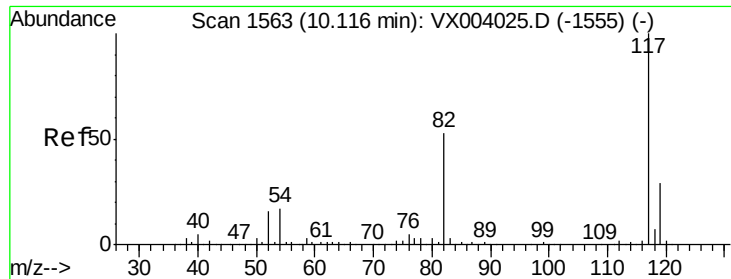
Tgt Ion: 107 Resp: 82950
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.377 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 95 Resp: 254501
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 182.8
 176 89.3 0.0 179.0

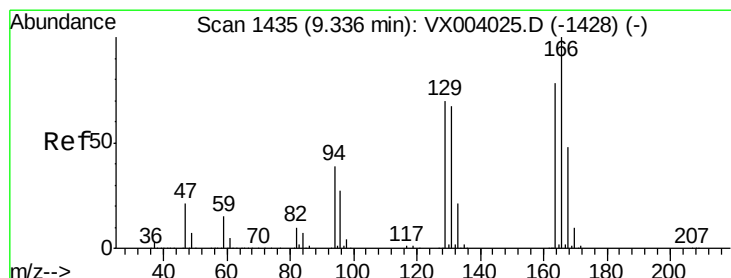
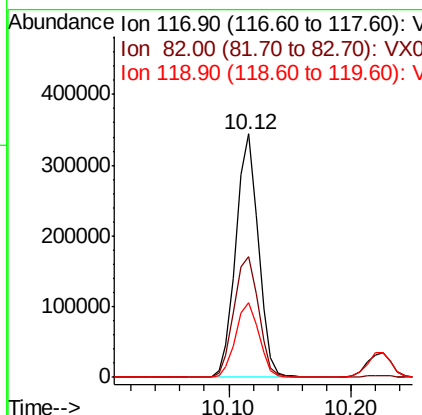
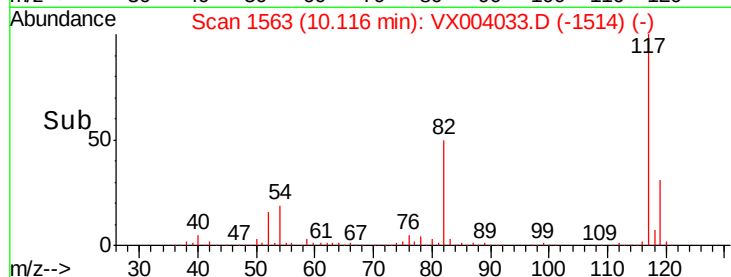
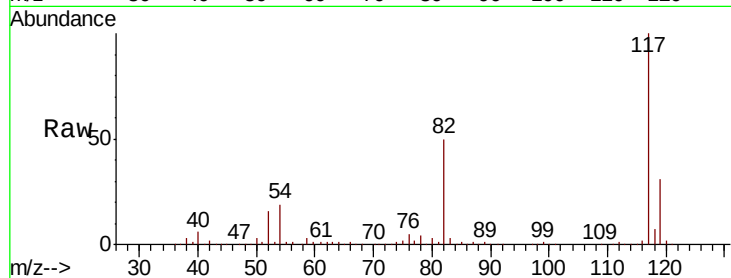




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

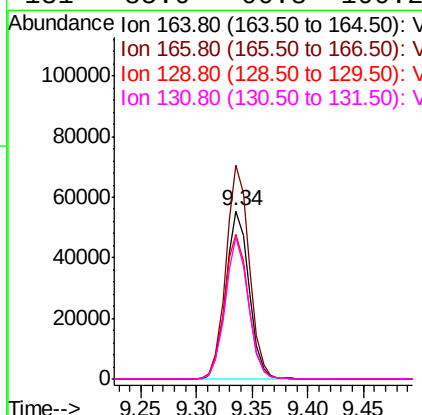
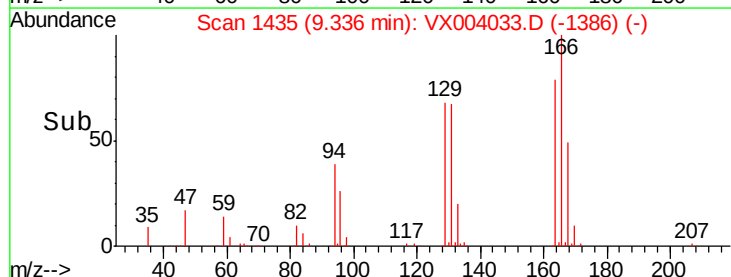
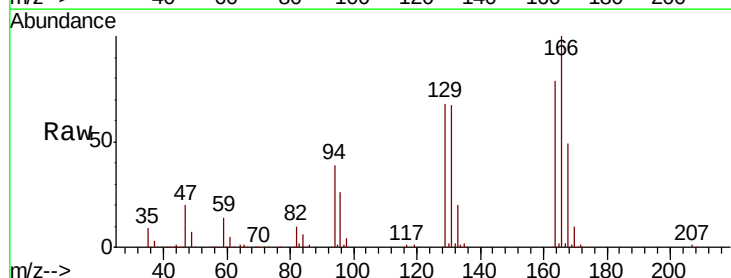
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD01

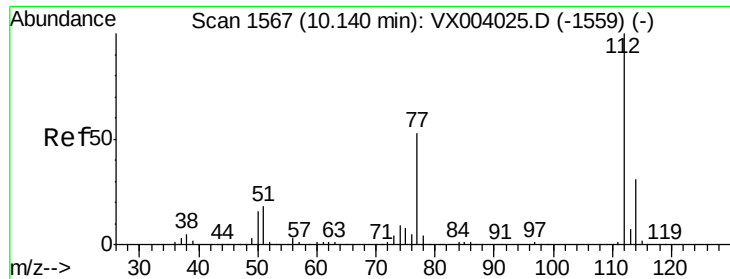
Tgt Ion:117 Resp: 436406
Ion Ratio Lower Upper
117 100
82 49.6 45.4 68.0
119 30.7 26.6 40.0



#64
Tetrachloroethene
Concen: 19.279 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Tgt Ion:164 Resp: 79740
Ion Ratio Lower Upper
164 100
166 127.2 98.0 147.0
129 86.0 64.3 96.5
131 85.0 66.8 100.2

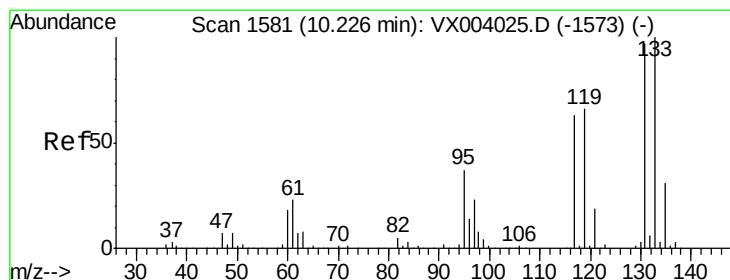
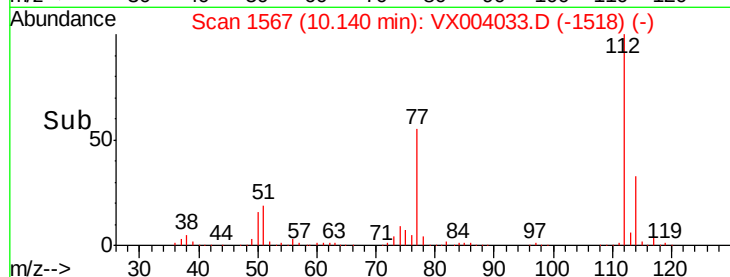
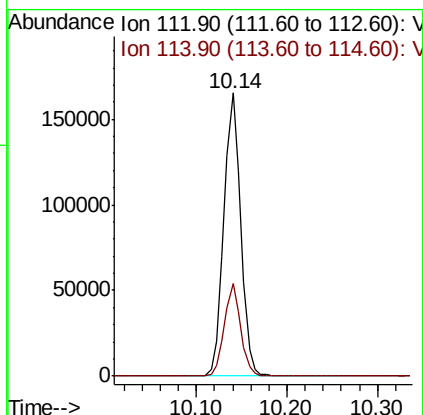
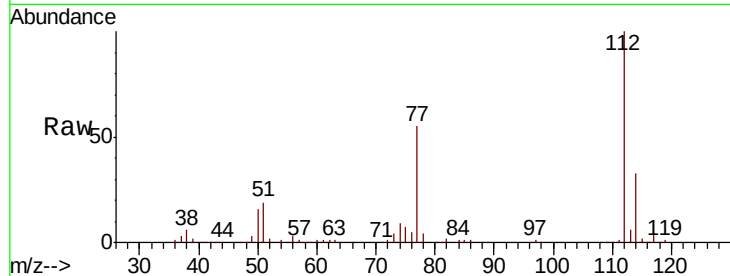




#65
Chlorobenzene
Concen: 19.050 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

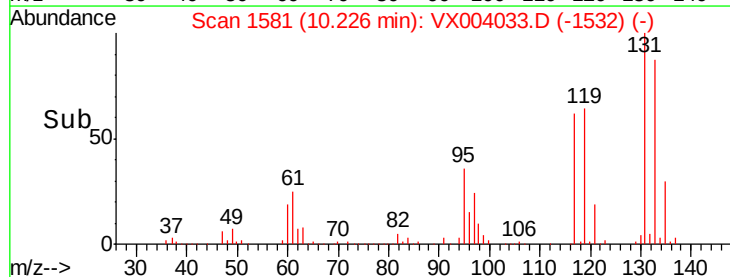
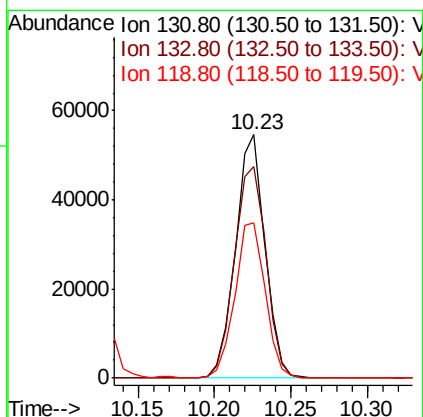
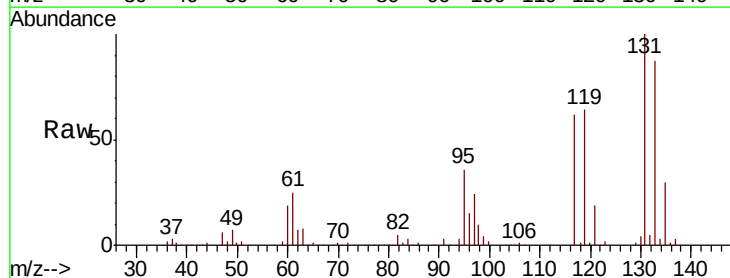
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD01

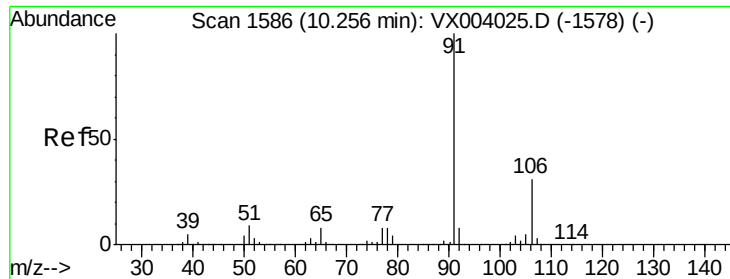
Tgt Ion:112 Resp: 214752
Ion Ratio Lower Upper
112 100
114 32.6 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.977 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Tgt Ion:131 Resp: 72963
Ion Ratio Lower Upper
131 100
133 93.5 47.3 141.8
119 65.8 31.6 94.8





#67

Ethyl Benzene

Concen: 19.233 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

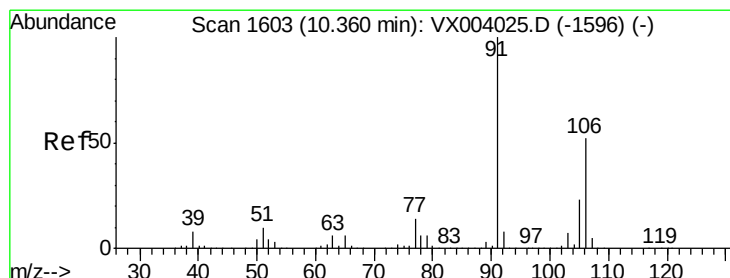
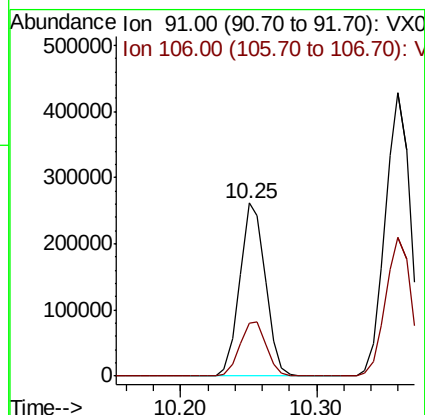
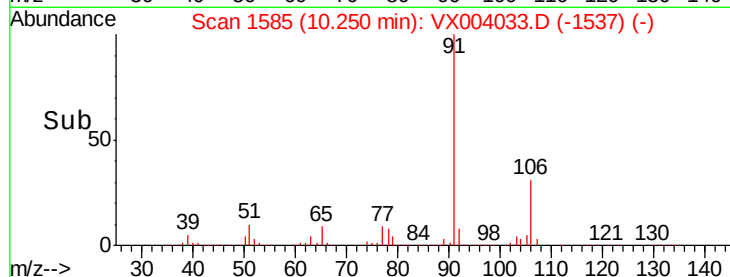
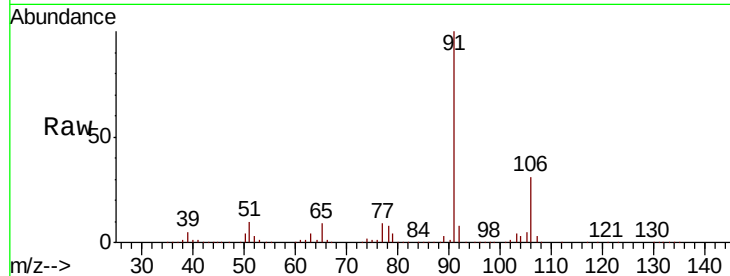
VX0814WBSD01

Tgt Ion: 91 Resp: 343325

Ion Ratio Lower Upper

91 100

106 30.6 25.9 38.9



#68

m/p-Xylenes

Concen: 39.769 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004033.D

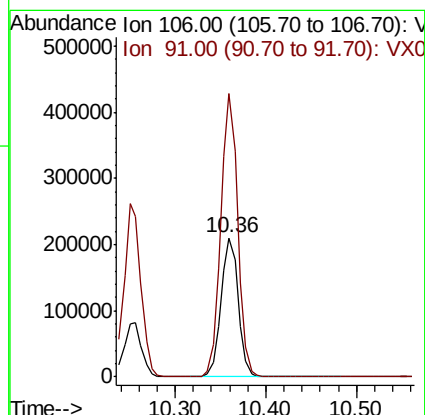
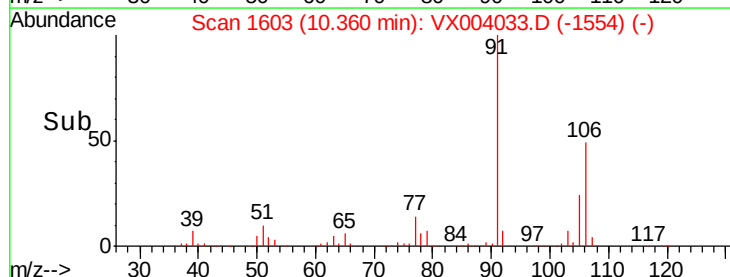
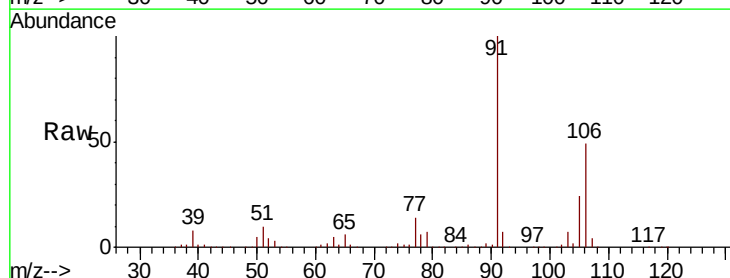
Acq: 14 Aug 2018 16:24

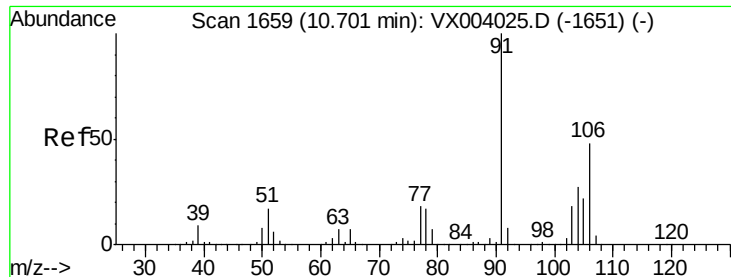
Tgt Ion: 106 Resp: 277992

Ion Ratio Lower Upper

106 100

91 200.6 162.3 243.5

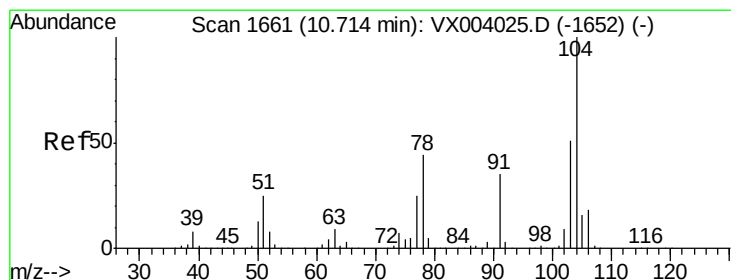
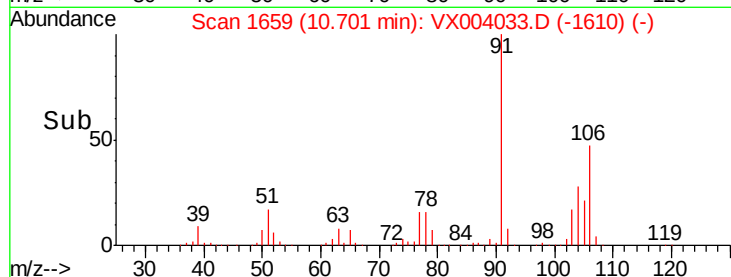
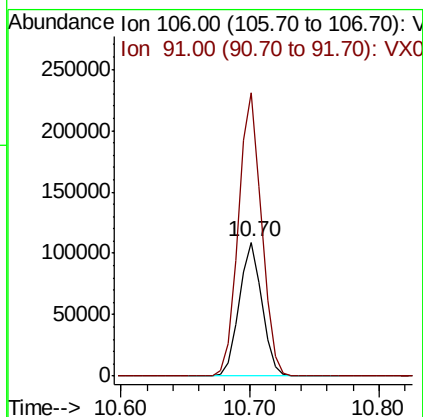
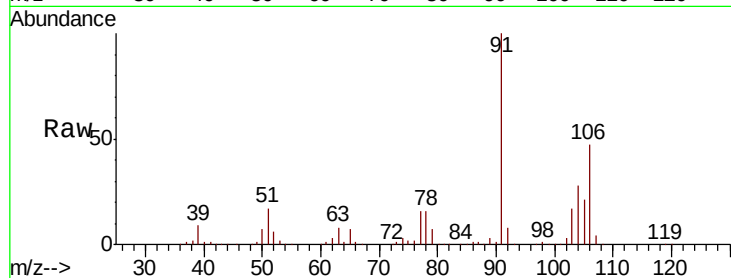




#69
o-Xylene
Concen: 20.005 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

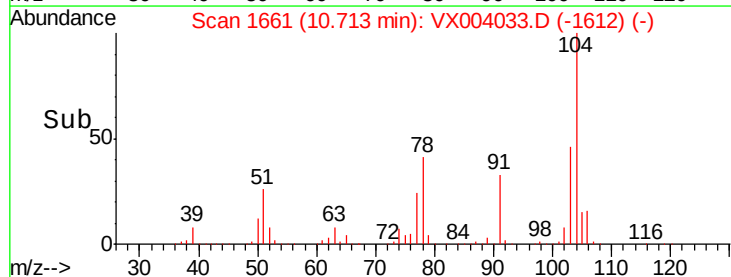
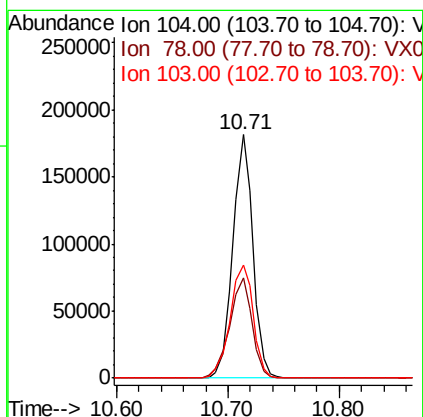
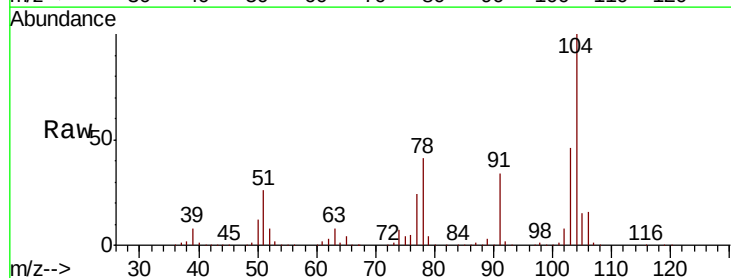
Instrument :
MSVOA_X
ClientSampled :
VX0814WBSD01

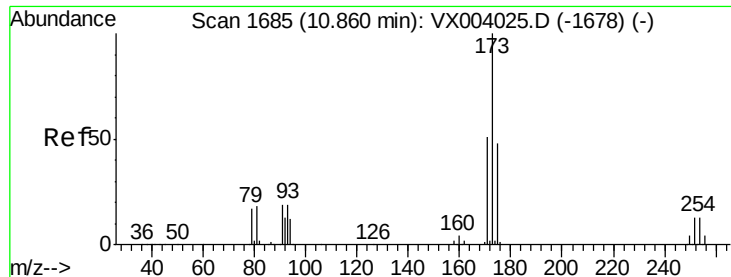
Tgt Ion:106 Resp: 133644
Ion Ratio Lower Upper
106 100
91 215.3 101.9 305.7



#70
Styrene
Concen: 20.109 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Tgt Ion:104 Resp: 226085
Ion Ratio Lower Upper
104 100
78 46.3 39.8 59.6
103 53.9 44.3 66.5





#71

Bromoform

Concen: 18.410 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

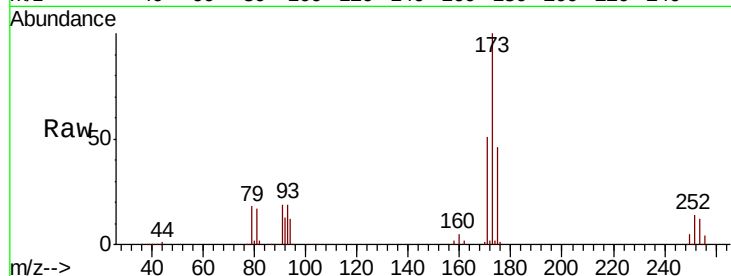
Tgt Ion:173 Resp: 56128

Ion Ratio Lower Upper

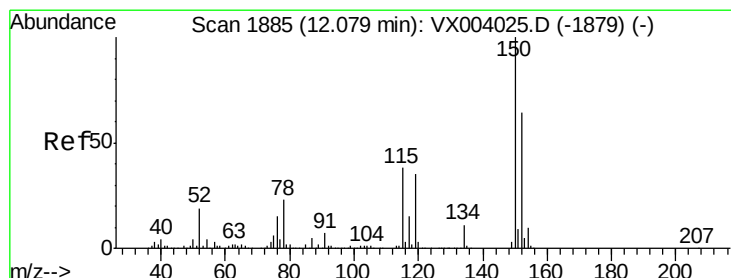
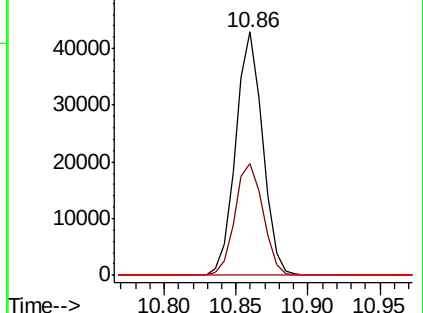
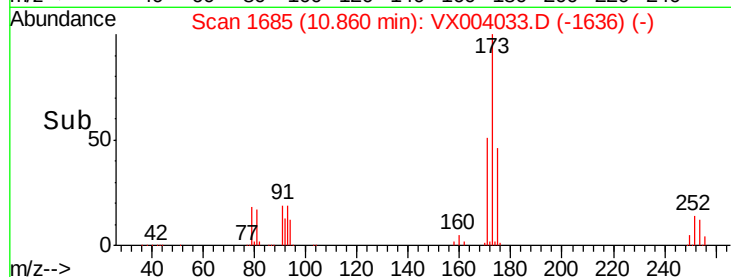
173 100

175 47.9 24.9 74.7

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

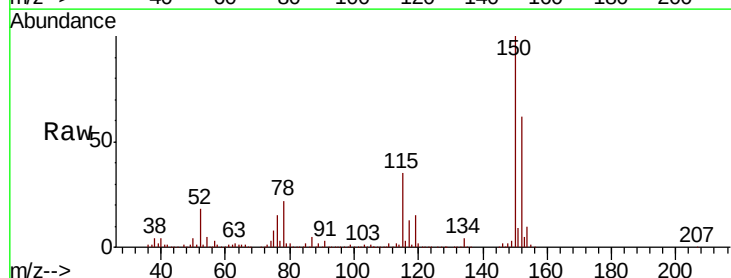
Tgt Ion:152 Resp: 266522

Ion Ratio Lower Upper

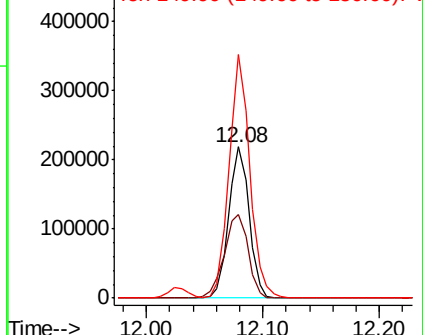
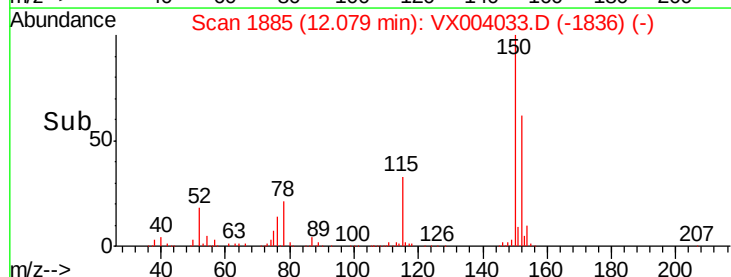
152 100

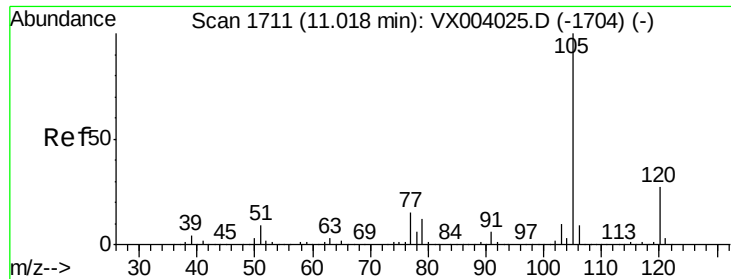
115 64.5 39.1 117.3

150 163.9 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.543 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

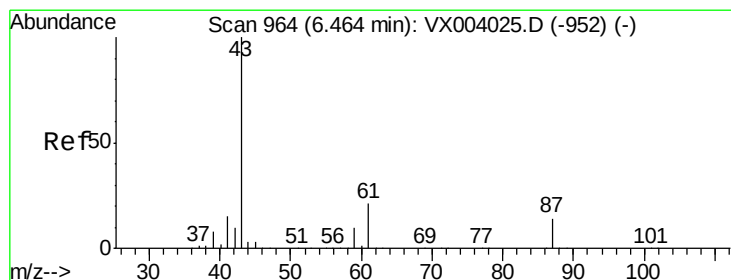
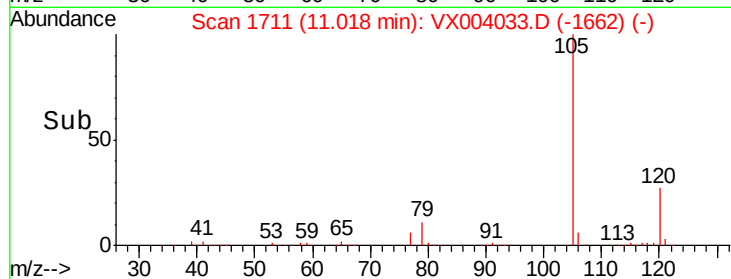
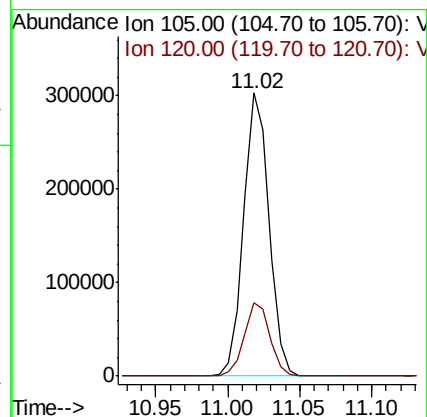
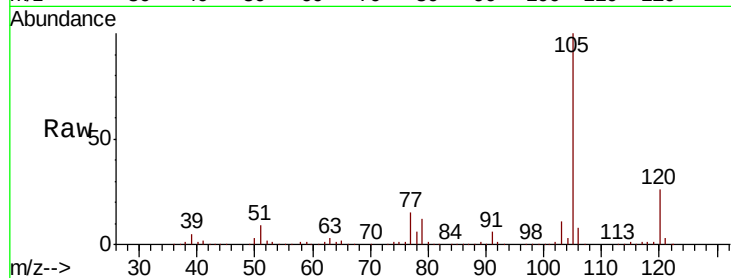
VX0814WBSD01

Tgt Ion: 105 Resp: 370521

Ion Ratio Lower Upper

105 100

120 26.3 12.6 37.8



#74

N-ethyl acetate

Concen: 19.539 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Tgt Ion: 43 Resp: 165754

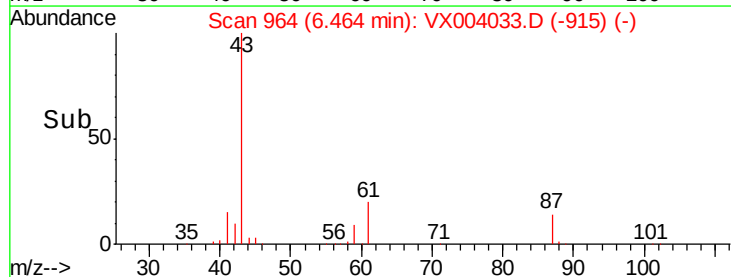
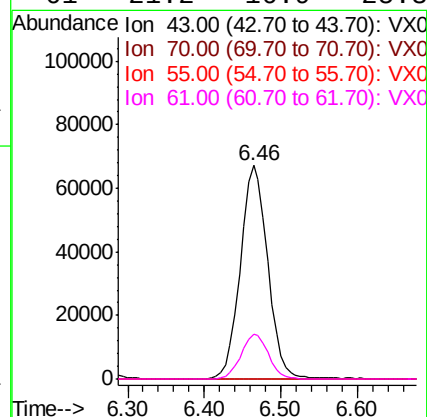
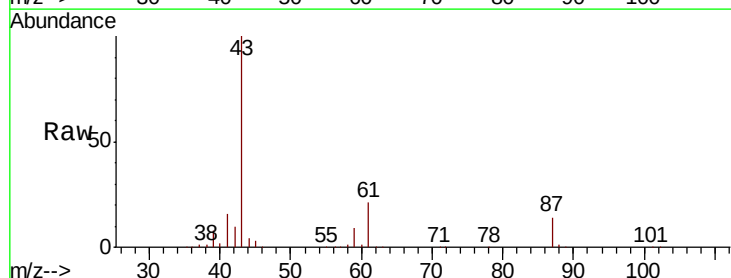
Ion Ratio Lower Upper

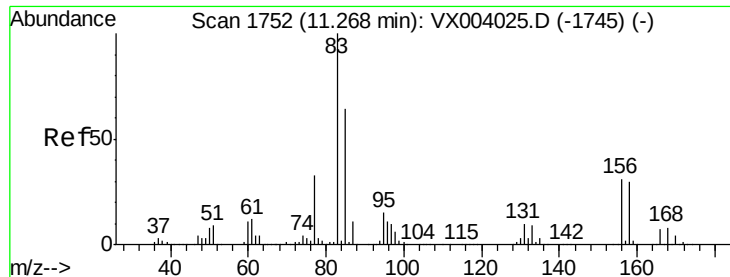
43 100

70 0.0 0.0 0.0#

55 0.0 0.1 0.1#

61 21.2 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.606 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

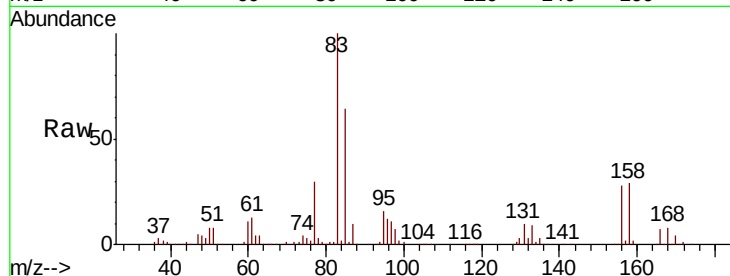
Tgt Ion: 83 Resp: 123489

Ion Ratio Lower Upper

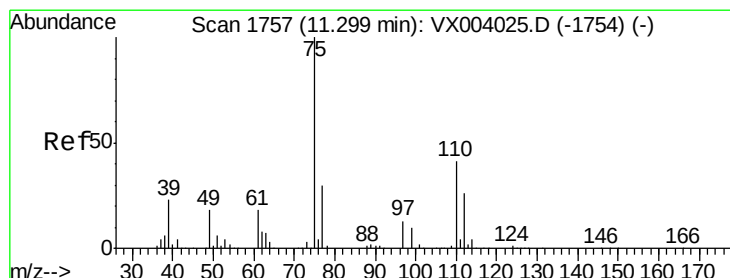
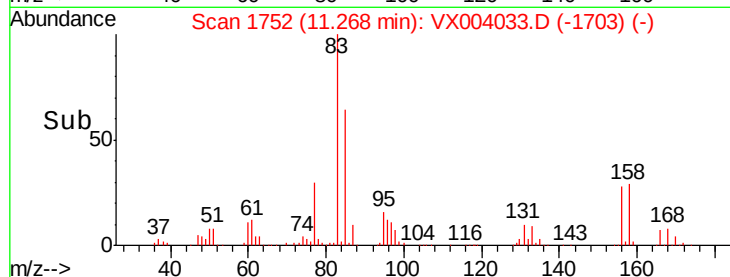
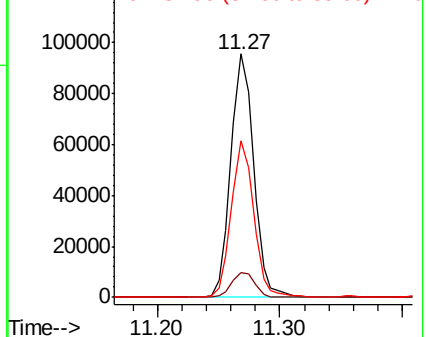
83 100

131 10.5 5.2 15.6

85 63.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.760 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004033.D

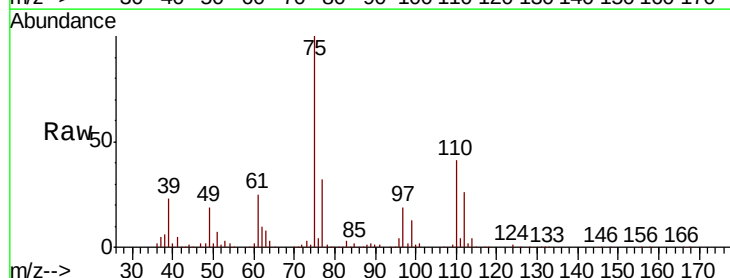
Acq: 14 Aug 2018 16:24

Tgt Ion: 75 Resp: 137684

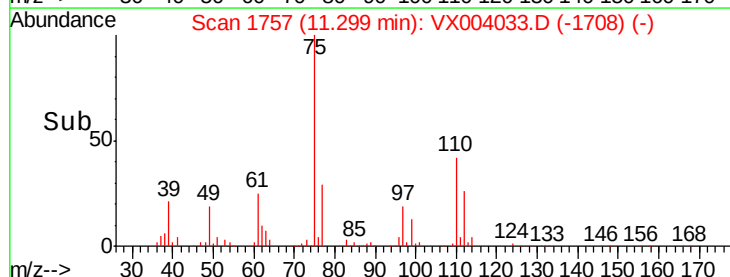
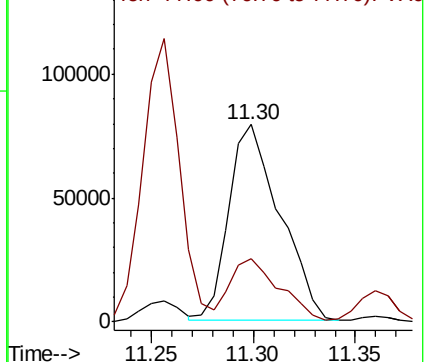
Ion Ratio Lower Upper

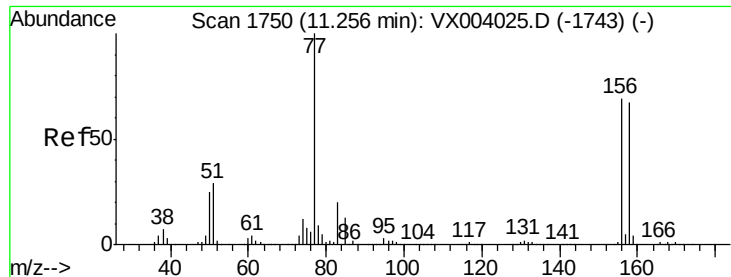
75 100

77 31.3 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.650 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

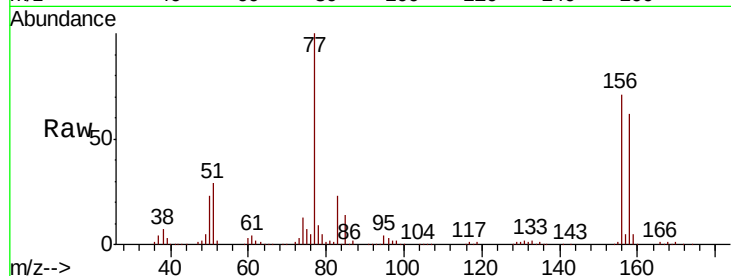
Tgt Ion:156 Resp: 97697

Ion Ratio Lower Upper

156 100

77 146.7 74.1 222.2

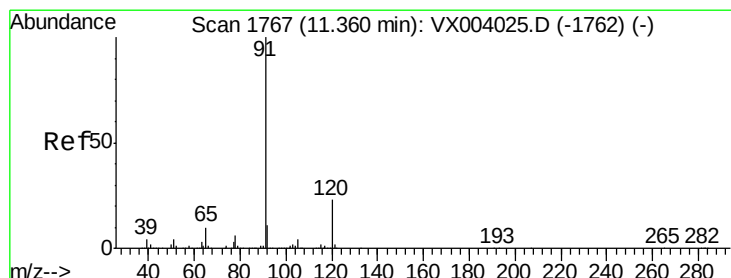
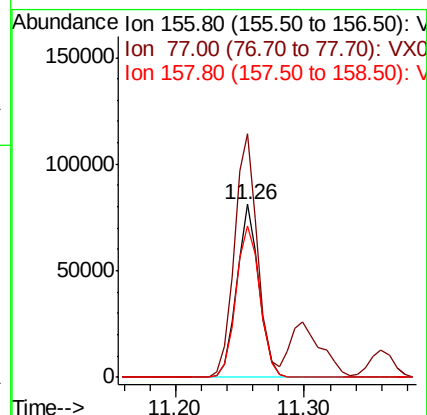
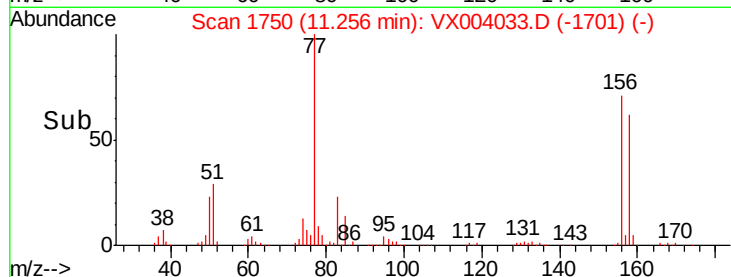
158 94.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.613 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004033.D

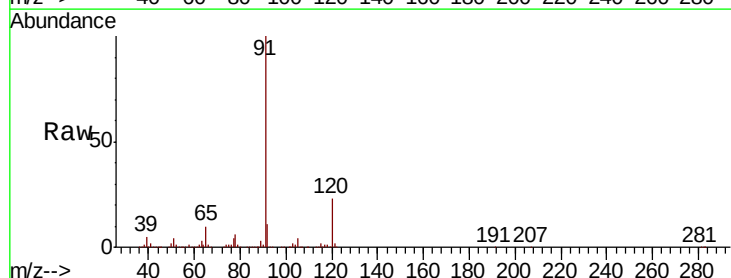
Acq: 14 Aug 2018 16:24

Tgt Ion: 91 Resp: 416060

Ion Ratio Lower Upper

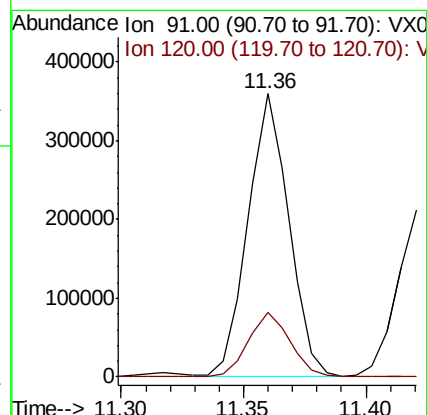
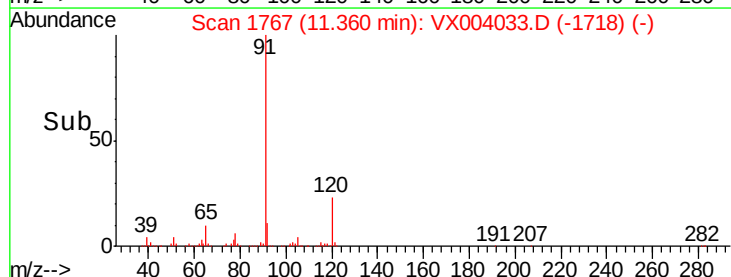
91 100

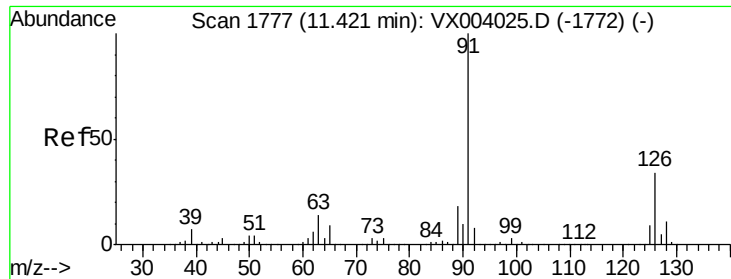
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

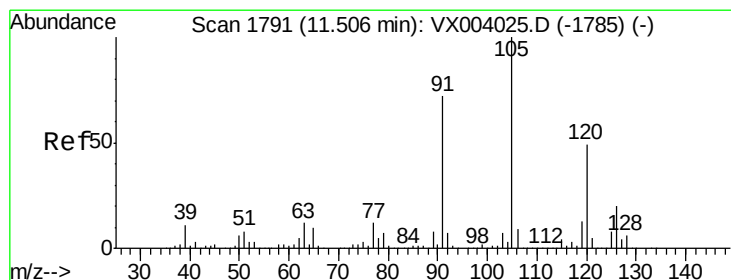
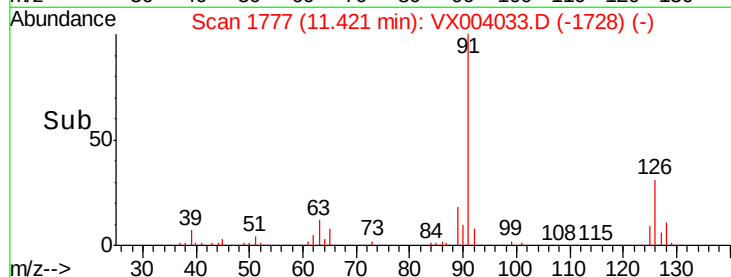
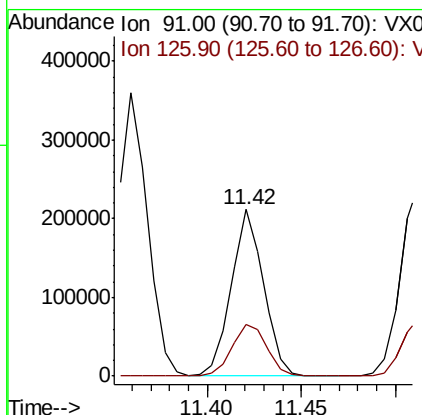
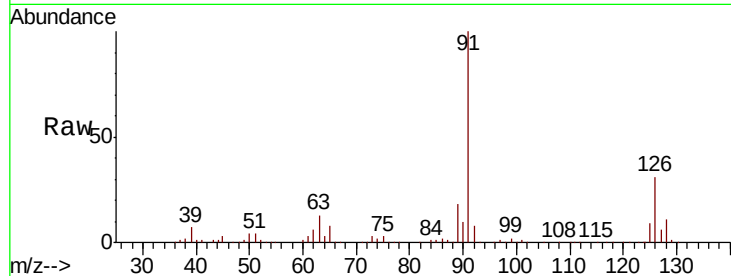




#79
 2-Chlorotoluene
 Concen: 20.264 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

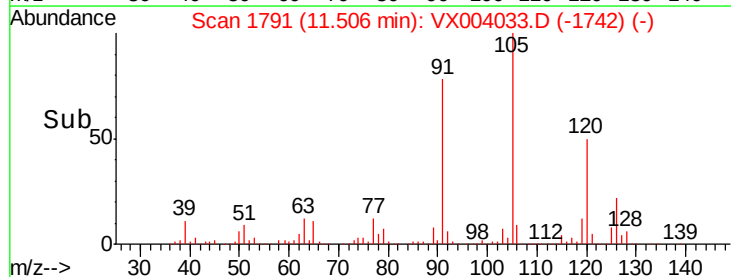
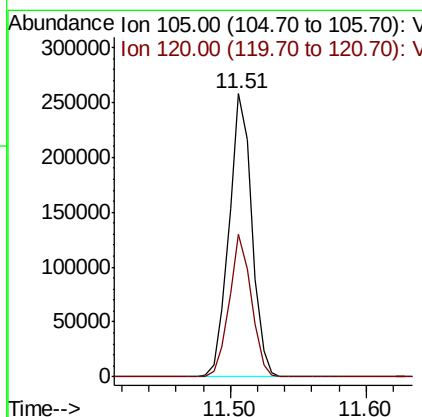
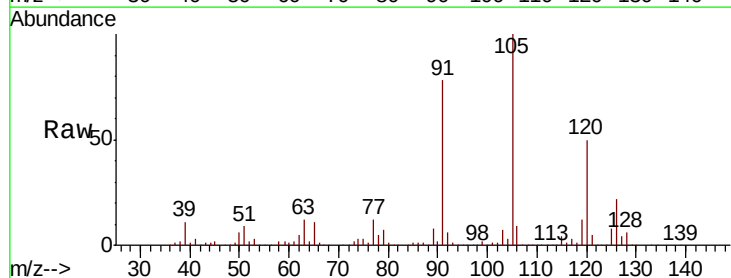
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

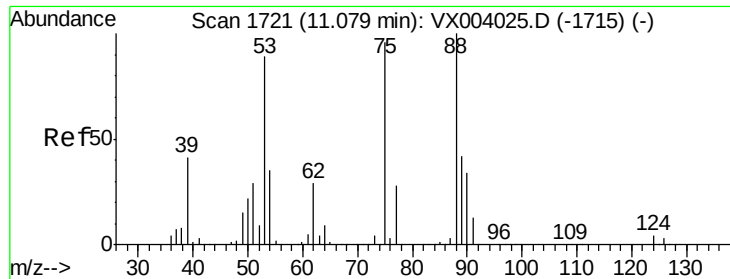
Tgt Ion: 91 Resp: 249255
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.239 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion: 105 Resp: 298900
 Ion Ratio Lower Upper
 105 100
 120 48.9 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.239 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004033.D

Acq: 14 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD01

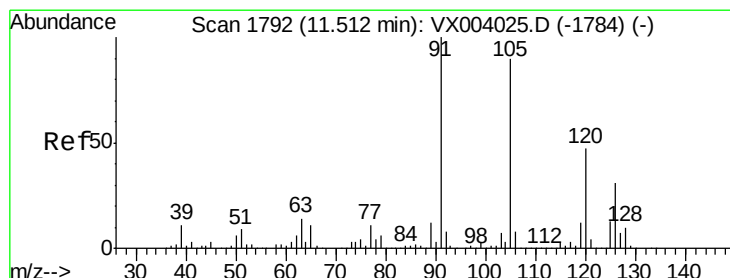
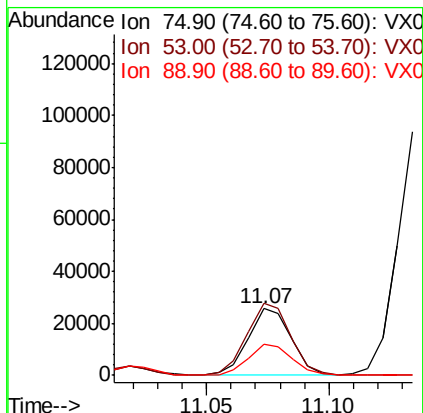
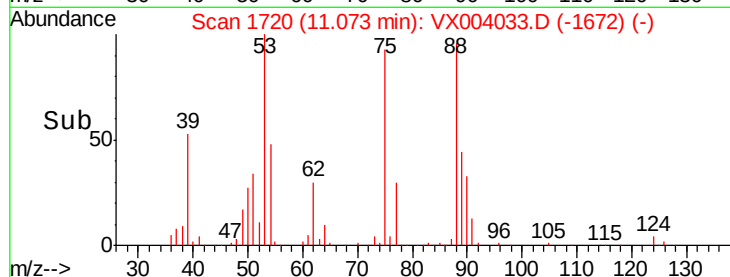
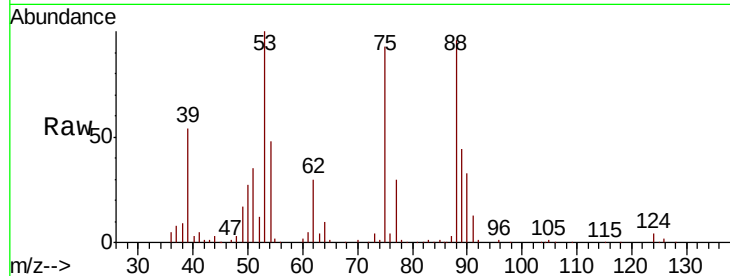
Tgt Ion: 75 Resp: 31493

Ion Ratio Lower Upper

75 100

53 109.9 80.3 120.5

89 48.2 37.8 56.8



#82

4-Chlorotoluene

Concen: 20.038 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004033.D

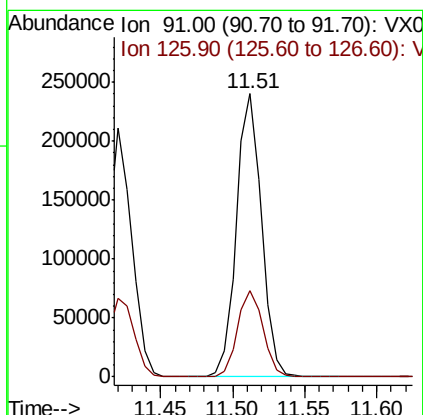
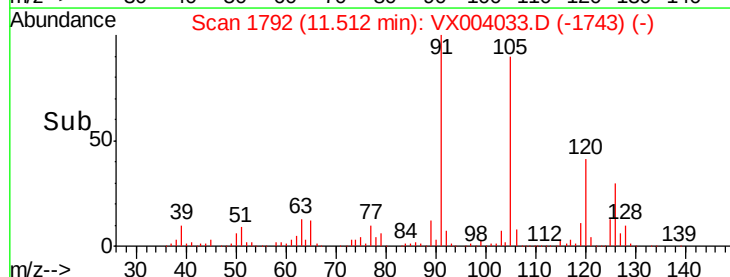
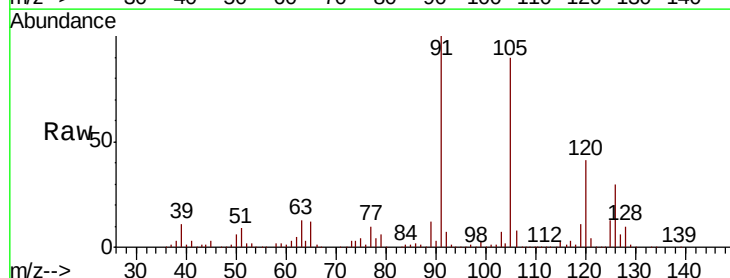
Acq: 14 Aug 2018 16:24

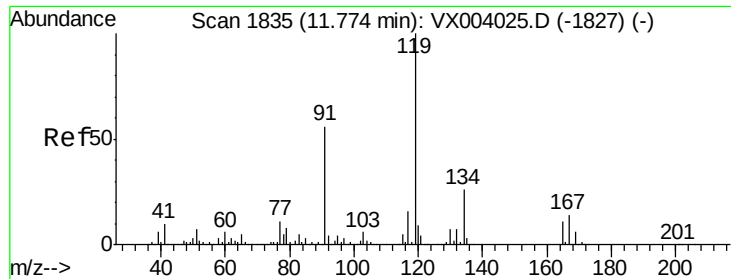
Tgt Ion: 91 Resp: 291356

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.7

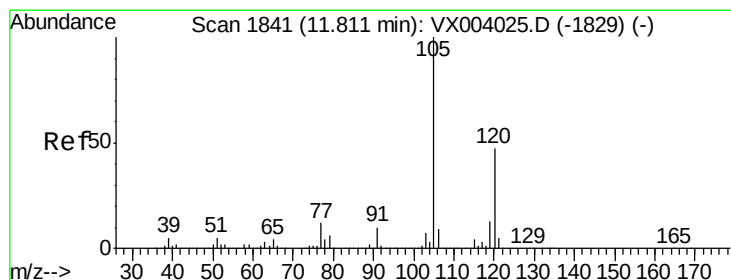
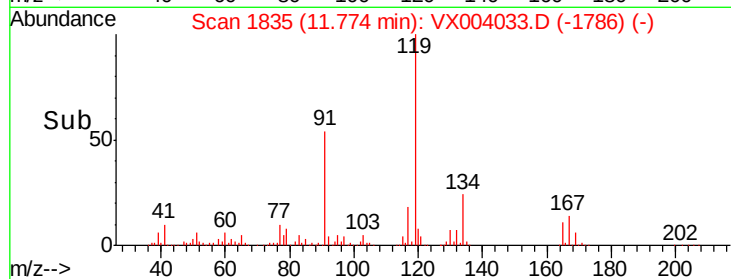
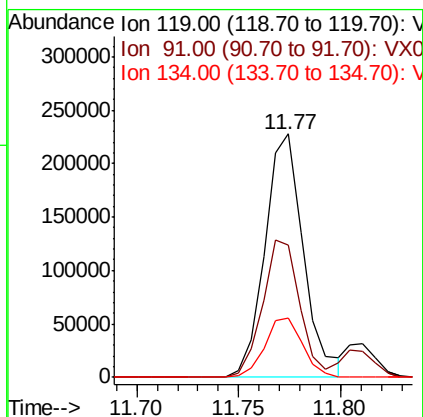
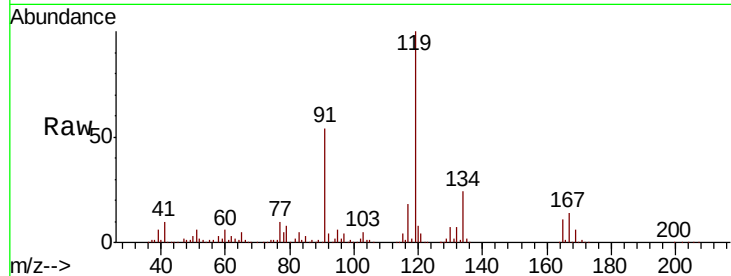




#83
 tert-Butylbenzene
 Concen: 20.117 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

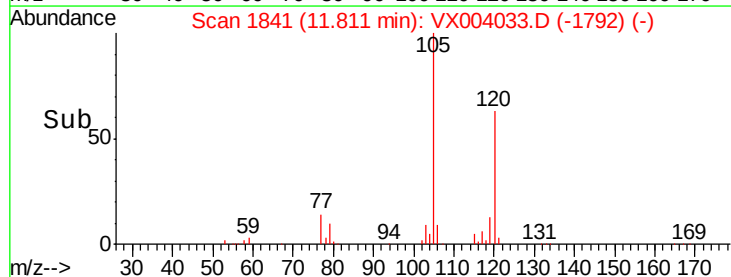
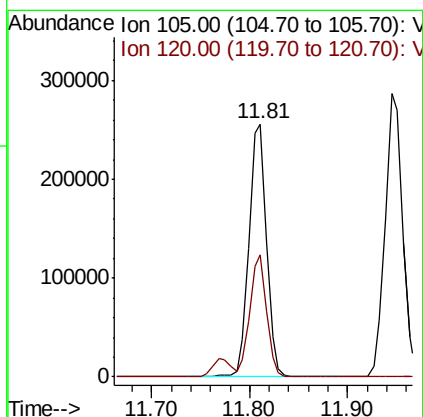
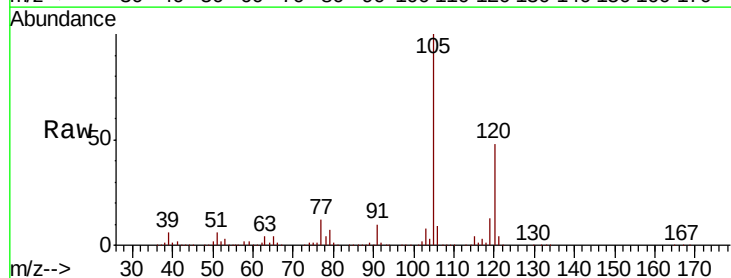
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

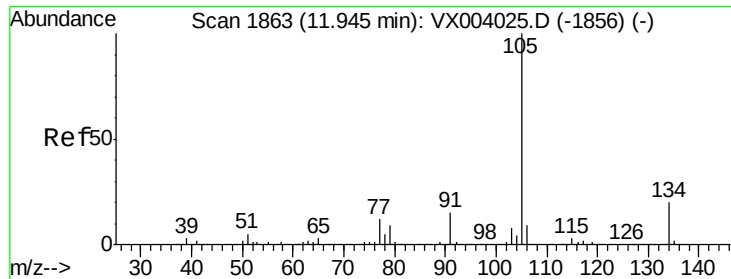
Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.3	26.9	80.7
134	24.0	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.866 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2

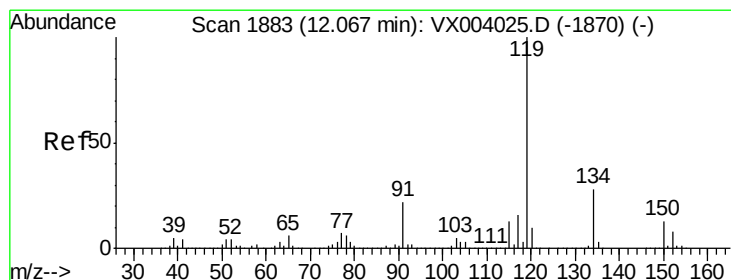
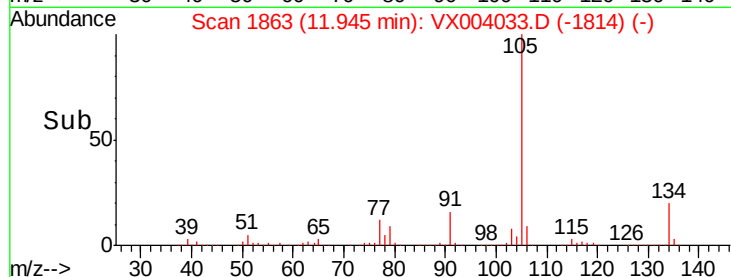
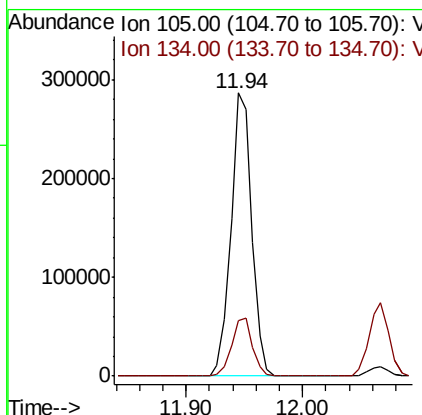
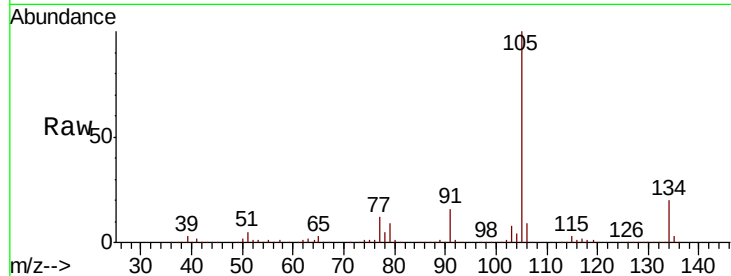




#85
 sec-Butylbenzene
 Concen: 20.391 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

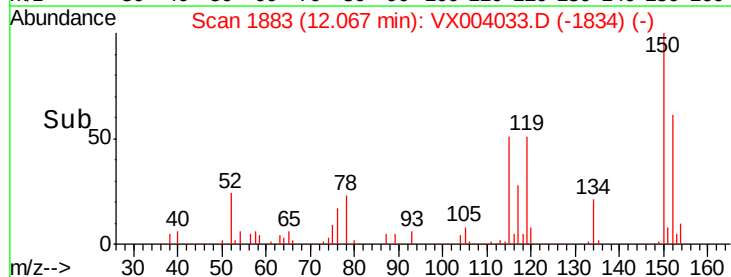
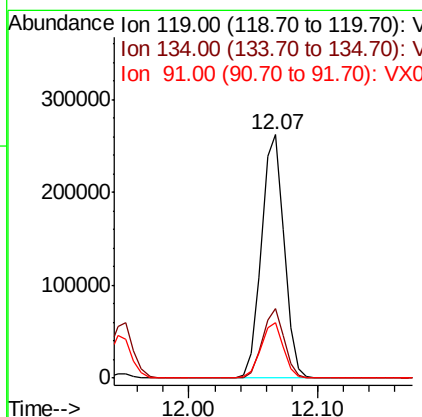
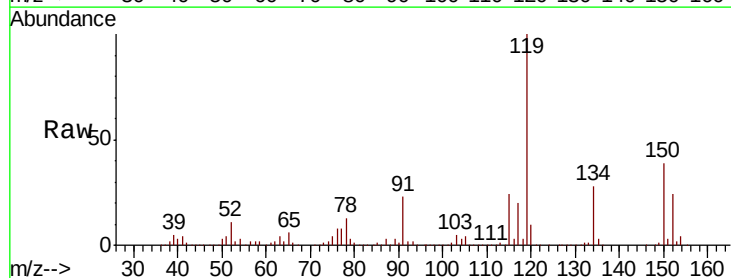
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

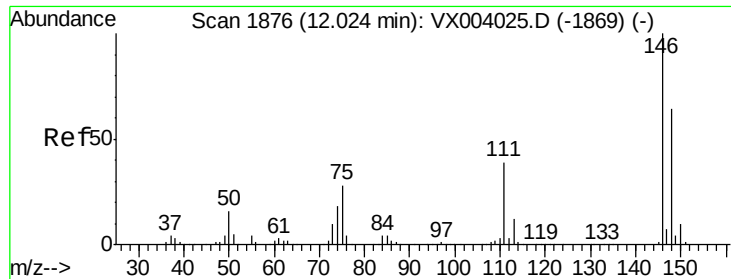
Tgt Ion:105 Resp: 355373
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 20.133 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion:119 Resp: 317644
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.8
 91 22.6 10.9 32.7

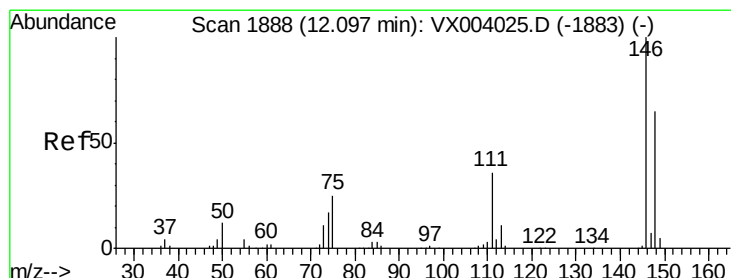
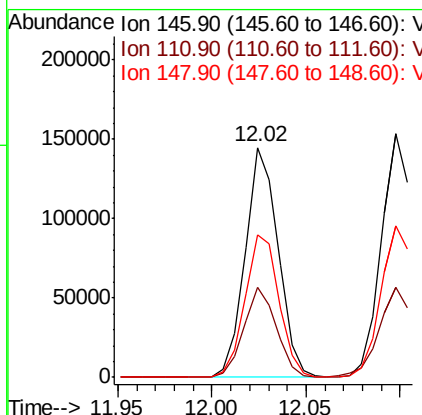
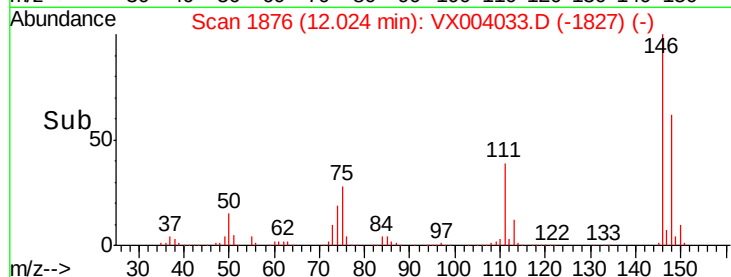
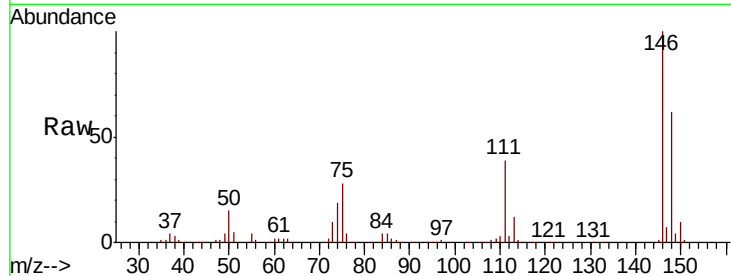




#87
 1,3-Dichlorobenzene
 Concen: 18.537 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

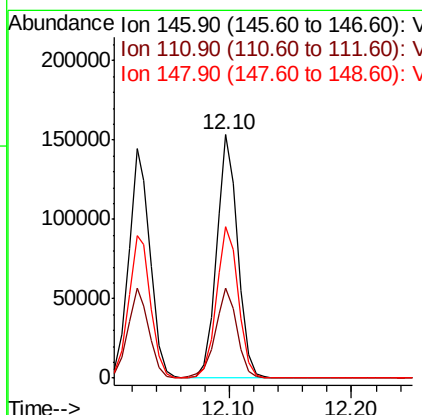
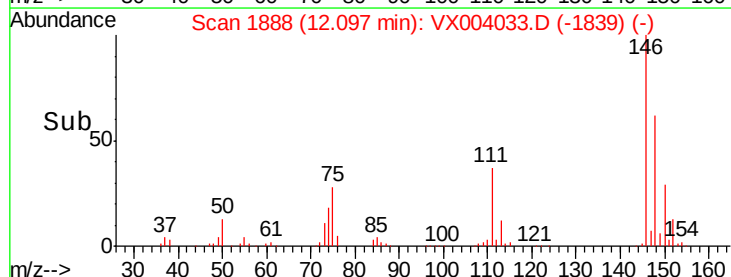
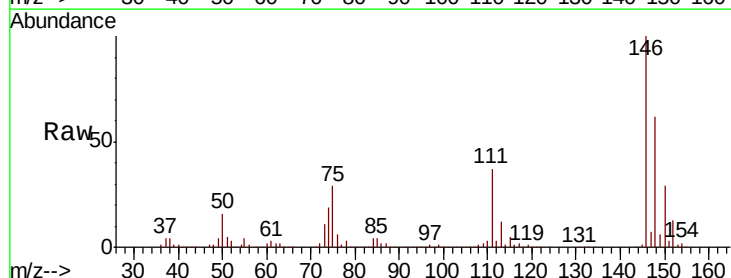
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

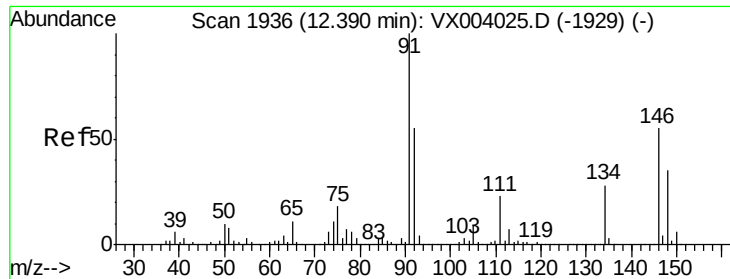
Tgt Ion:146 Resp: 175782
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.8 56.4
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.780 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion:146 Resp: 183287
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.4 55.0
 148 64.7 32.3 96.8

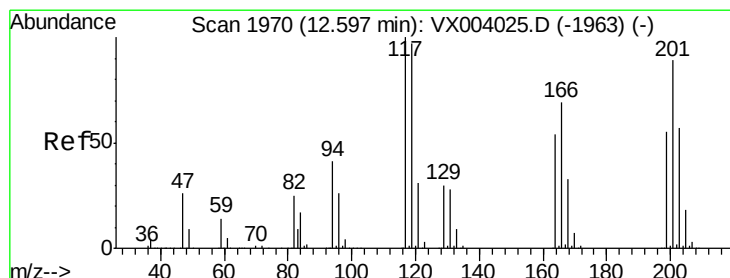
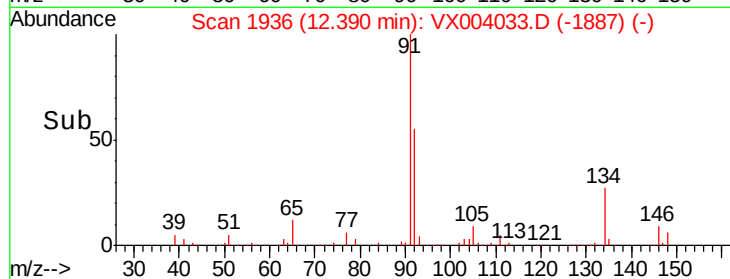
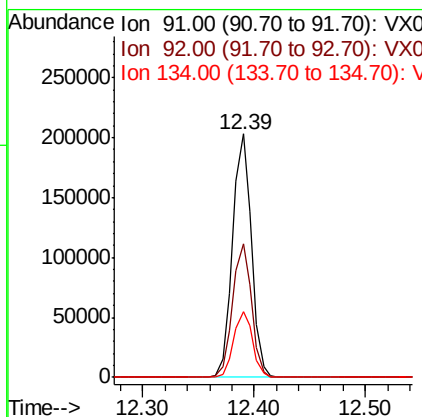
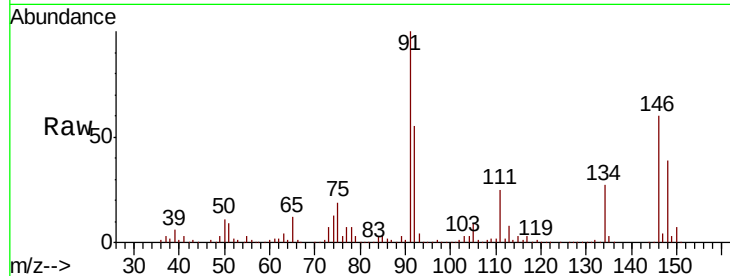




#89
n-Butylbenzene
Concen: 19.094 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

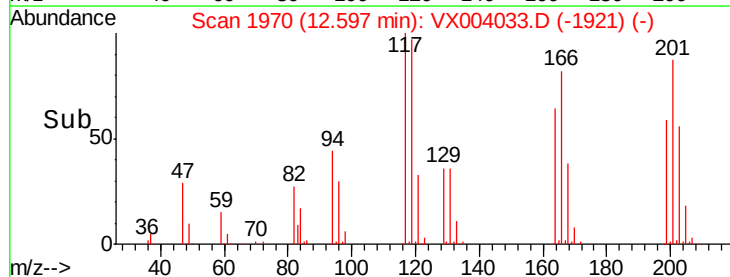
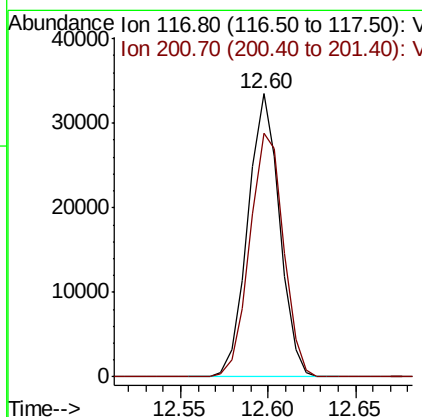
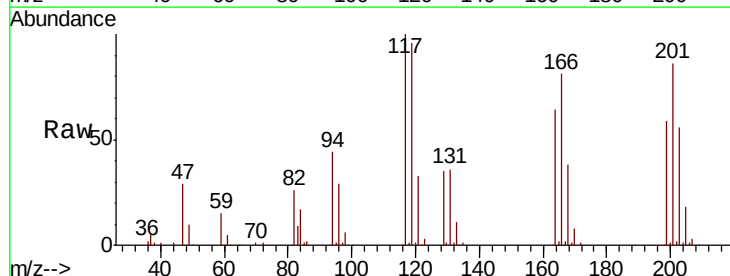
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD01

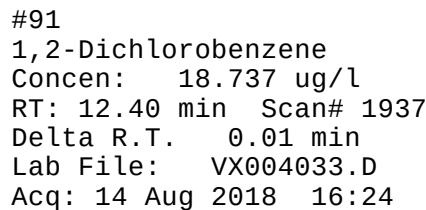
Tgt Ion: 91 Resp: 237387
Ion Ratio Lower Upper
91 100
92 54.9 27.1 81.3
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 17.913 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

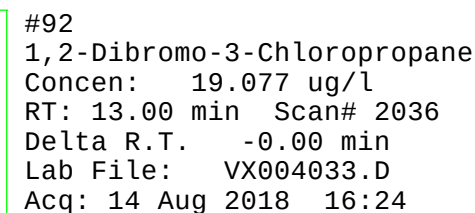
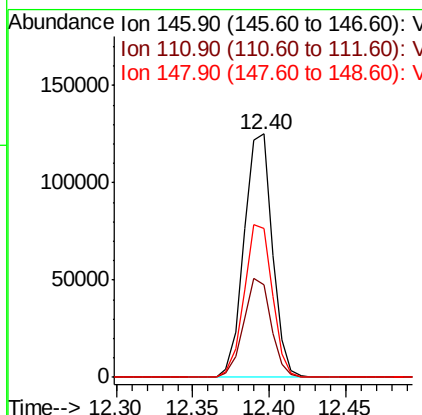
Tgt Ion: 117 Resp: 42287
Ion Ratio Lower Upper
117 100
201 91.6 46.1 138.2



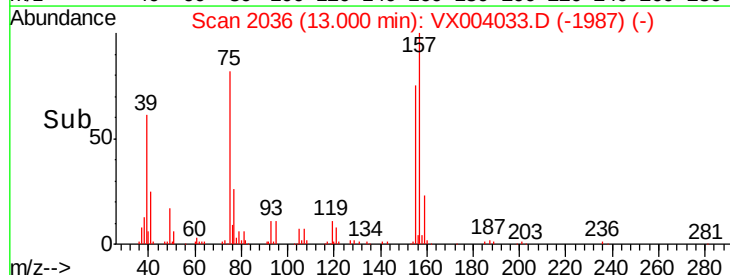
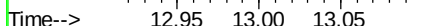
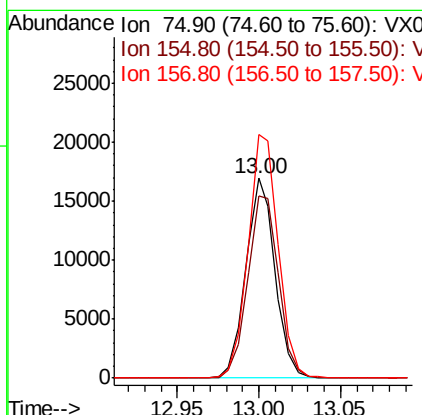


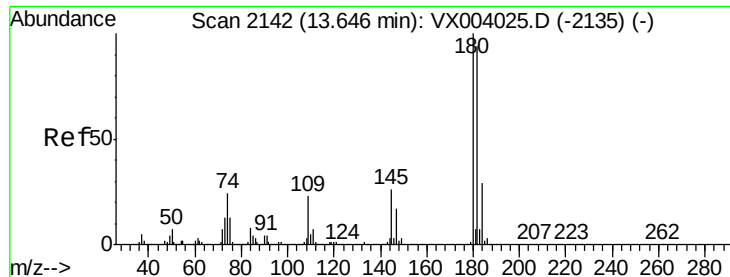
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD01

Tgt	Ion:146	Resp:	160243
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.0
148	62.7	31.9	95.5



Tgt	Ion: 75	Resp:	21118
Ion	Ratio	Lower	Upper
75	100		
155	96.1	48.7	146.1
157	126.0	62.6	187.8

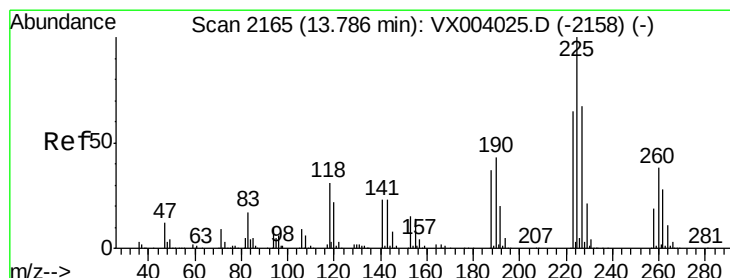
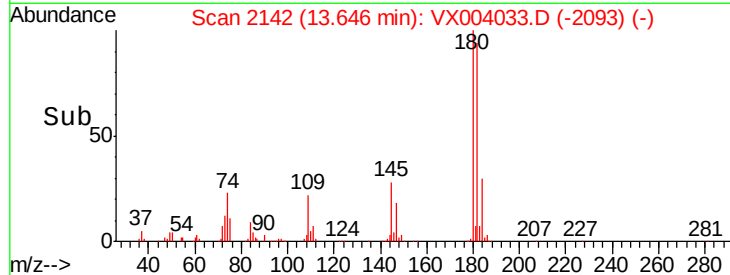
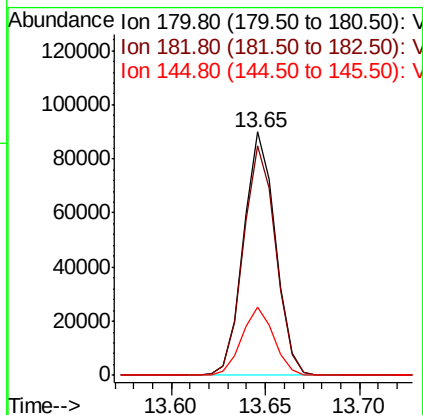
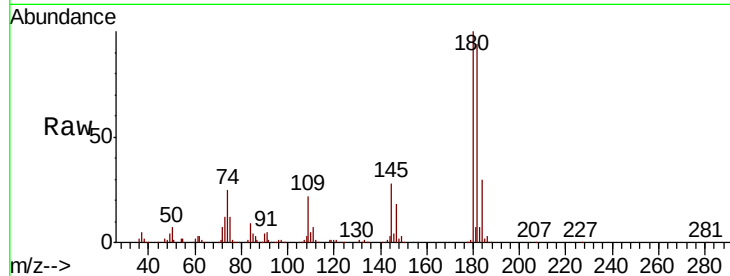




#93
 1,2,4-Trichlorobenzene
 Concen: 18.047 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

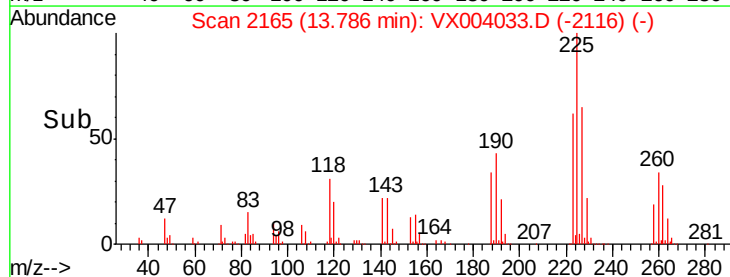
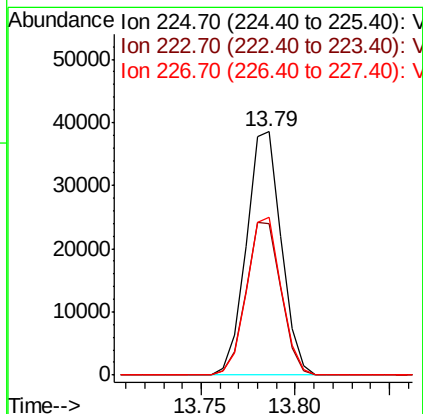
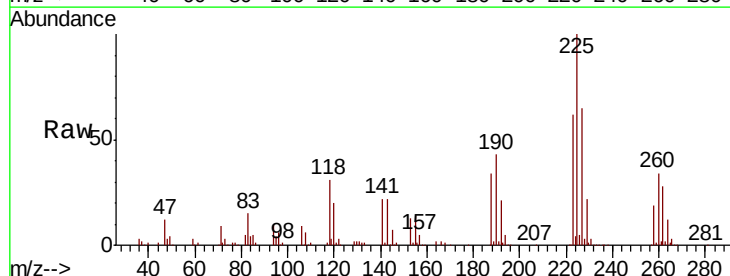
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

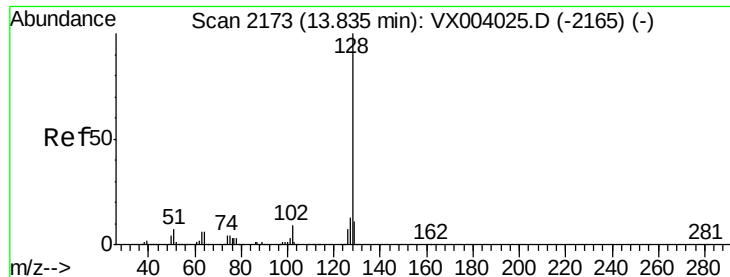
Tgt Ion:180 Resp: 105502
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 28.2 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 16.869 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004033.D
 Acq: 14 Aug 2018 16:24

Tgt Ion:225 Resp: 49433
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 63.8 32.1 96.5

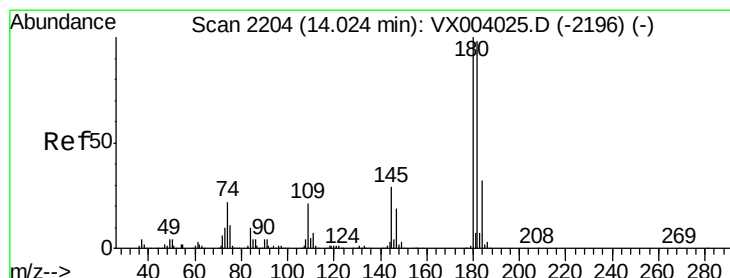
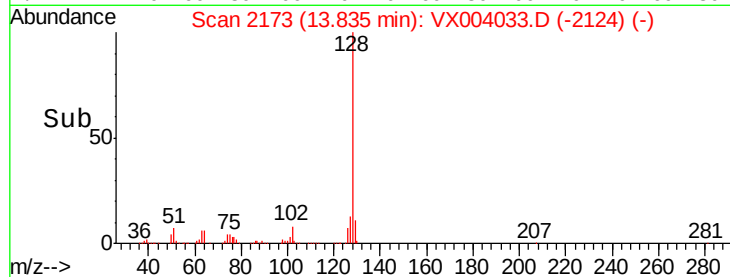
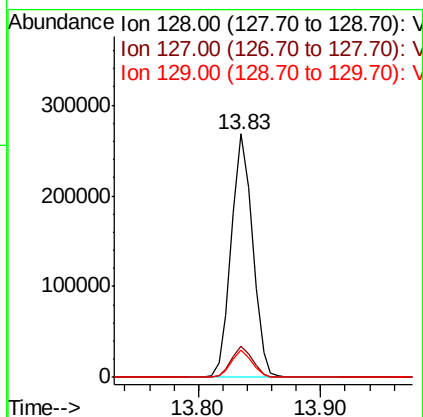
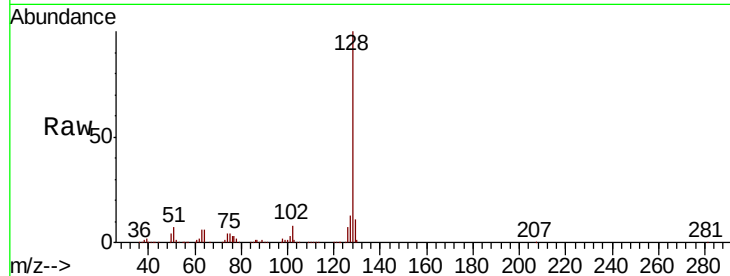




#95
Naphthalene
Concen: 17.988 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Instrument :
MSVOA_X
ClientSampled :
VX0814WBSD01

Tgt Ion:128 Resp: 321237
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.176 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004033.D
Acq: 14 Aug 2018 16:24

Tgt Ion:180 Resp: 109488
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.4
145 29.3 14.9 44.7

