

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004305.D
 Acq On : 29 Aug 2018 21:37
 Operator : JC/MD
 Sample : VX0829WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

Quant Time: Aug 30 02:12:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160583	58.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.20%	
35) Dibromofluoromethane	5.50	113	136667	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
50) Toluene-d8	8.71	98	492320	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	11.14	95	183198	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	42923	17.48	ug/l	97
3) Chloromethane	1.32	50	59213	21.98	ug/l	99
4) Vinyl Chloride	1.40	62	57623	20.74	ug/l	100
5) Bromomethane	1.64	94	32261	22.44	ug/l	99
6) Chloroethane	1.71	64	40902	19.94	ug/l	97
7) Trichlorofluoromethane	1.92	101	72309	18.99	ug/l	97
8) Diethyl Ether	2.19	74	39550	24.26	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41749	17.51	ug/l	100
10) Methyl Iodide	2.51	142	53038	22.29	ug/l	98
11) Tert butyl alcohol	3.07	59	86014	145.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44594	19.85	ug/l	97
13) Acrolein	2.29	56	16011	112.72	ug/l	94
14) Allyl chloride	2.72	41	93149	22.57	ug/l	96
15) Acrylonitrile	3.15	53	192307	131.80	ug/l	99
16) Acetone	2.45	43	163299	141.22	ug/l	100
17) Carbon Disulfide	2.56	76	114088	18.79	ug/l	100
18) Methyl Acetate	2.78	43	134363	32.76	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	180046	24.32	ug/l	98
20) Methylene Chloride	2.85	84	62436	23.47	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	52514	21.12	ug/l	97
22) Diisopropyl ether	3.87	45	177958	23.09	ug/l	98
23) Vinyl Acetate	3.82	43	733073	117.36	ug/l	100
24) 1,1-Dichloroethane	3.70	63	105244	23.43	ug/l	98
25) 2-Butanone	4.71	43	250806	134.10	ug/l	100
26) 2,2-Dichloropropane	4.58	77	52783	14.98	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	63009	22.34	ug/l	96
28) Bromochloromethane	5.02	49	50416	25.36	ug/l	100
29) Tetrahydrofuran	5.16	42	158042	133.09	ug/l	99
30) Chloroform	5.21	83	104852	23.28	ug/l	98
31) Cyclohexane	5.57	56	64860	16.74	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	79080	21.06	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67884	18.34	ug/l	98
37) Ethyl Acetate	4.86	43	88549	24.32	ug/l	99
38) Carbon Tetrachloride	5.78	117	66019	18.96	ug/l	96

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 ClientSampleId :
 VX0829WBSD02

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58289	13.79	ug/l	96
40) Benzene	6.14	78	236297	21.36	ug/l	99
41) Methacrylonitrile	5.06	41	49990	23.69	ug/l	97
42) 1,2-Dichloroethane	6.20	62	83691	22.18	ug/l	100
43) Isopropyl Acetate	6.47	43	129379	23.13	ug/l	99
44) Trichloroethene	7.21	130	60396	19.73	ug/l	93
45) 1,2-Dichloropropane	7.52	63	61980	22.39	ug/l	97
46) Dibromomethane	7.67	93	41571	22.55	ug/l	98
47) Bromodichloromethane	7.90	83	75621	22.05	ug/l	98
48) Methyl methacrylate	7.78	41	68057	22.74	ug/l	99
49) 1,4-Dioxane	7.76	88	34007	500.42	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	479161	117.89	ug/l	99
52) Toluene	8.79	92	147739	21.34	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77020	20.33	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	84747	20.54	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64354	23.03	ug/l	99
56) Ethyl methacrylate	9.18	69	82874	21.78	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106271	22.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	225383	115.61	ug/l	99
59) 2-Hexanone	9.50	43	364867	117.67	ug/l	99
60) Dibromochloromethane	9.59	129	59369	21.80	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63594	21.99	ug/l	97
64) Tetrachloroethene	9.34	164	60567	19.63	ug/l	99
65) Chlorobenzene	10.14	112	163273	20.82	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	56110	20.75	ug/l	98
67) Ethyl Benzene	10.26	91	240943	18.92	ug/l	98
68) m/p-Xylenes	10.36	106	201646	40.50	ug/l	99
69) o-Xylene	10.70	106	96818	20.56	ug/l	97
70) Styrene	10.71	104	166791	21.87	ug/l	99
71) Bromoform	10.86	173	46107	21.15	ug/l #	99
73) Isopropylbenzene	11.02	105	251433	21.02	ug/l	99
74) N-amyl acetate	10.90	43	103300	22.43	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	100864	24.09	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	109515	29.56	ug/l	87
77) Bromobenzene	11.26	156	75257	22.43	ug/l	98
78) n-propylbenzene	11.36	91	280998	20.42	ug/l	99
79) 2-Chlorotoluene	11.42	91	186216	21.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	214471	21.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22894	20.05	ug/l	93
82) 4-Chlorotoluene	11.51	91	216379	21.71	ug/l	98
83) tert-Butylbenzene	11.77	119	200260	20.09	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	221670	21.80	ug/l	100
85) sec-Butylbenzene	11.94	105	227675	19.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	198257	18.69	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	130765	20.70	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	128963	19.36	ug/l	98
89) n-Butylbenzene	12.39	91	143244	16.61	ug/l	99
90) Hexachloroethane	12.60	117	28749	19.39	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	124967	21.64	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17528	23.77	ug/l	100

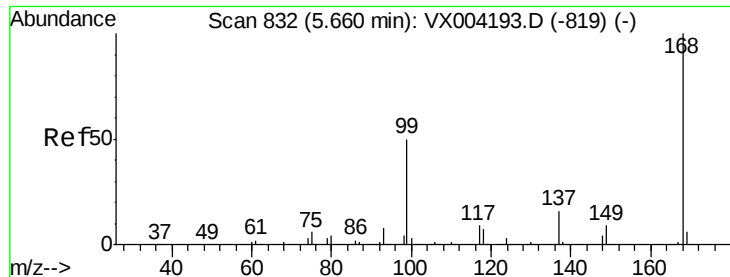
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
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Instrument :
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ClientSampleId :
VX0829WBSD02

Quant Time: Aug 30 02:12:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	74039	17.62	ug/l	98
94) Hexachlorobutadiene	13.79	225	27514	13.98	ug/l	95
95) Naphthalene	13.83	128	240606	20.25	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	79743	17.93	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

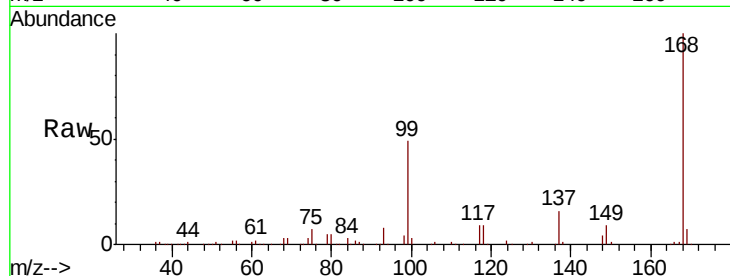
VX0829WBSD02

Tot Ion:168 Resp: 212062

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

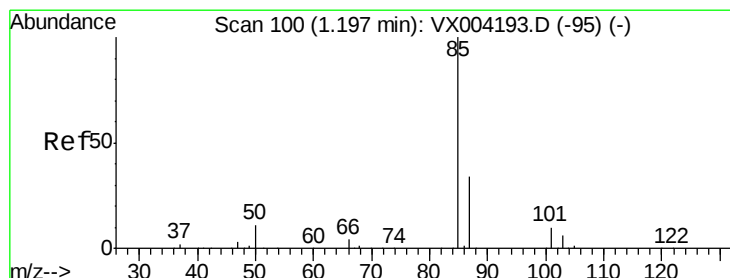
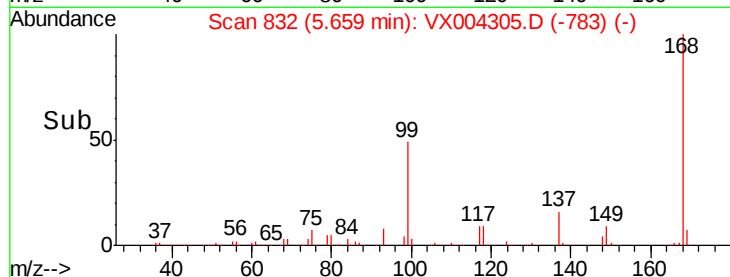
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.48 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004305.D

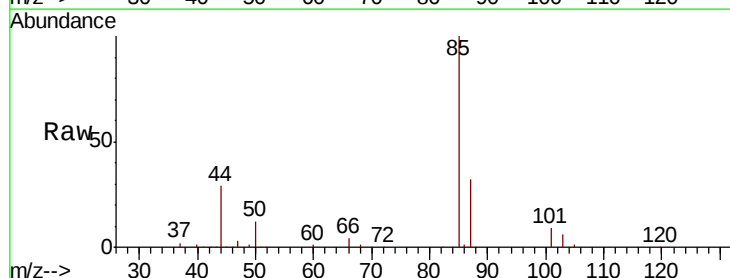
Acq: 29 Aug 2018 21:37

Tgt Ion: 85 Resp: 42923

Ion Ratio Lower Upper

85 100

87 32.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

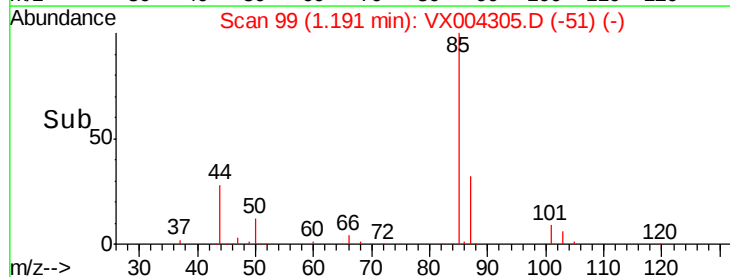
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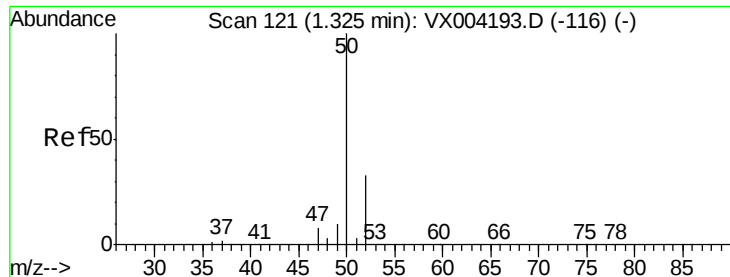
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0

Time-->

1.15 1.20 1.25

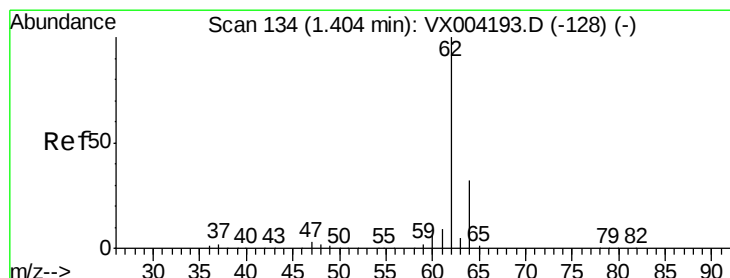
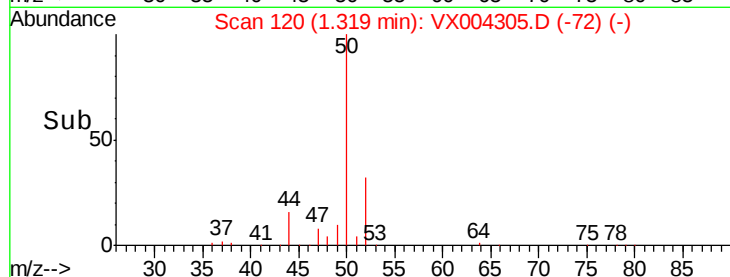
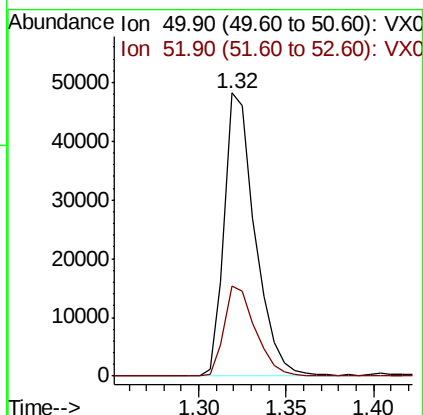
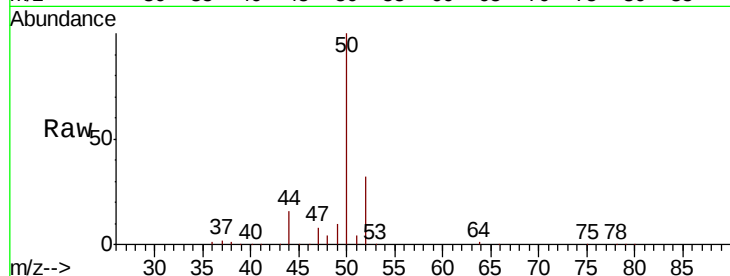




#3
Chloromethane
Concen: 21.98 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

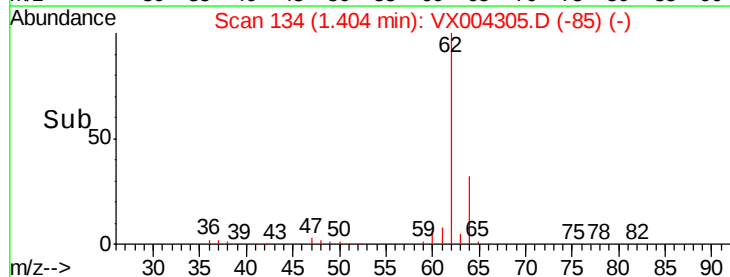
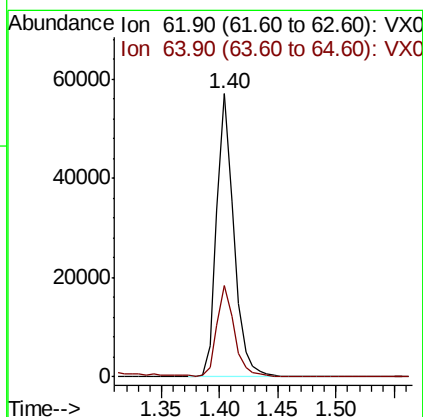
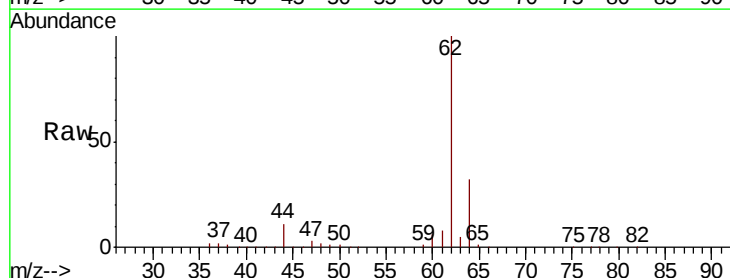
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

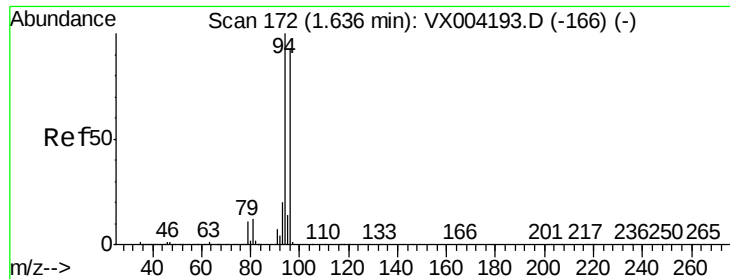
Tot Ion: 50 Resp: 59213
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.2



#4
Vinyl Chloride
Concen: 20.74 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion: 62 Resp: 57623
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.8





#5

Bromomethane

Concen: 22.44 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

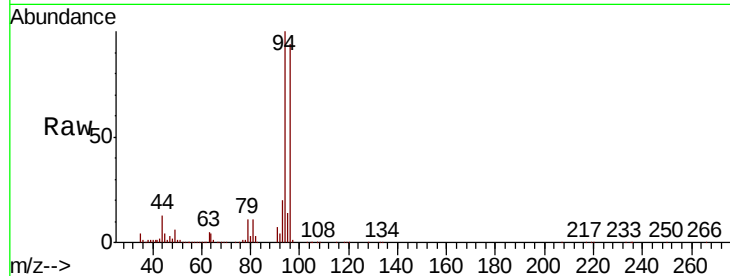
VX0829WBSD02

Tot Ion: 94 Resp: 32261

Ion Ratio Lower Upper

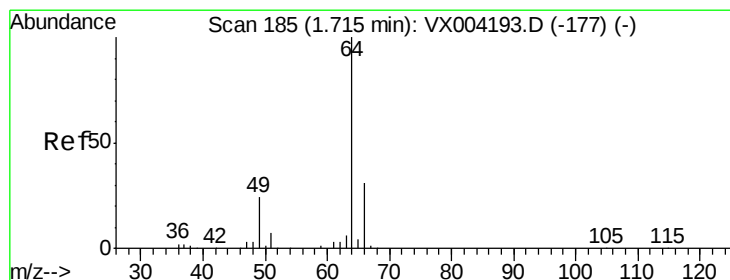
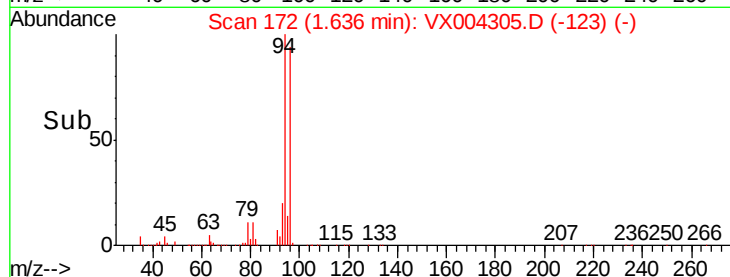
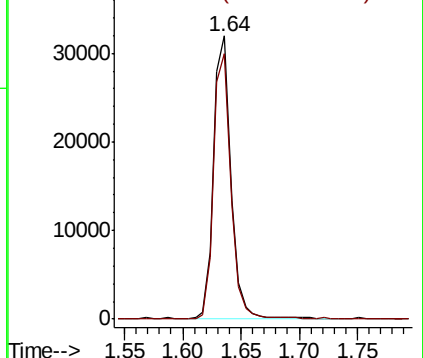
94 100

96 94.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.94 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004305.D

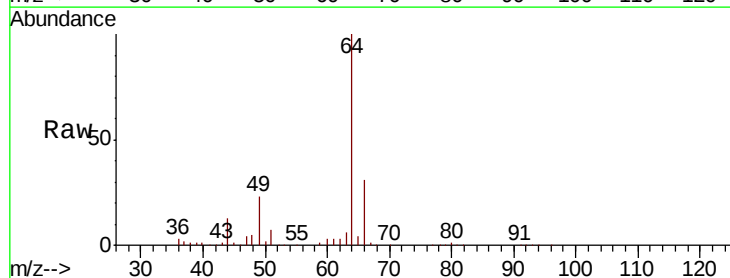
Acq: 29 Aug 2018 21:37

Tgt Ion: 64 Resp: 40902

Ion Ratio Lower Upper

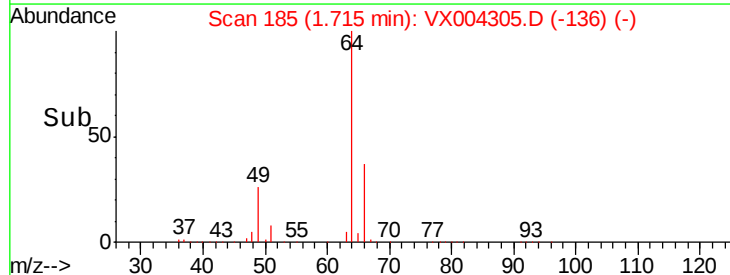
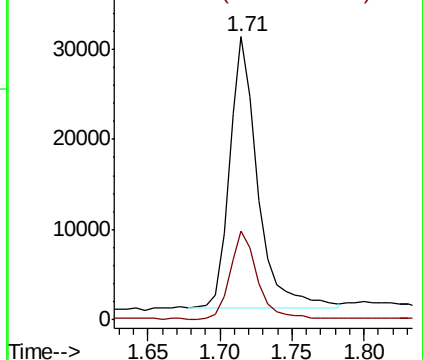
64 100

66 32.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



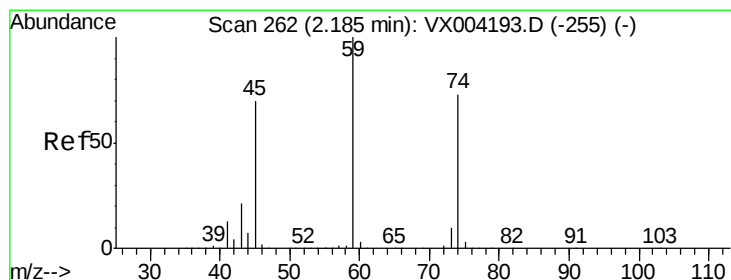
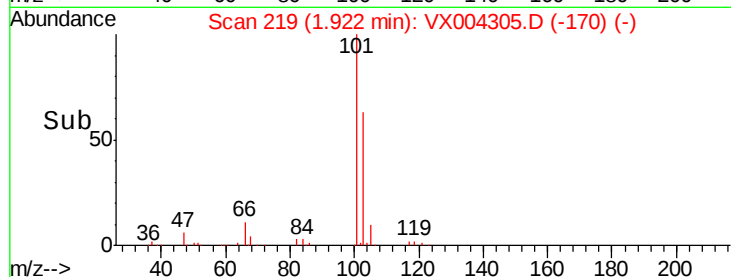
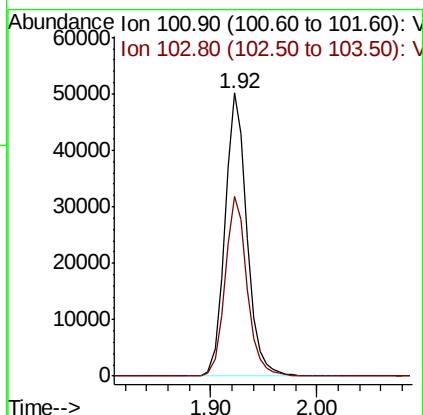
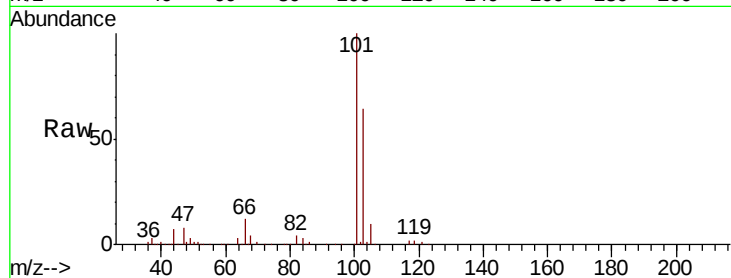


#7

Trichlorofluoromethane
 Concen: 18.99 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

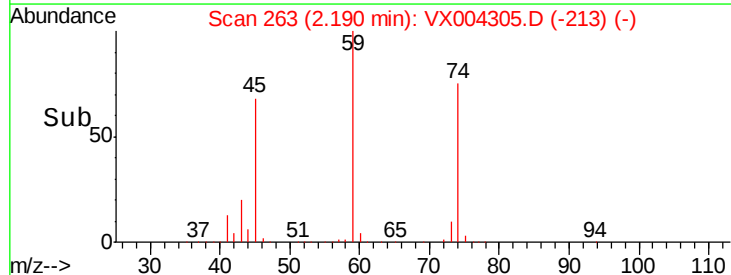
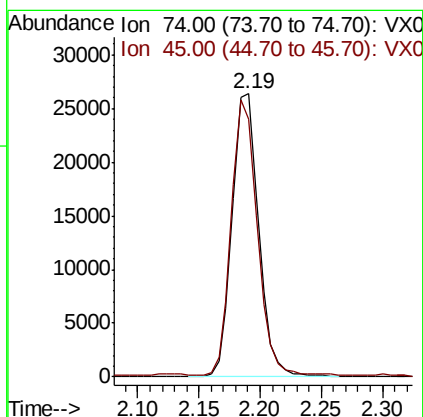
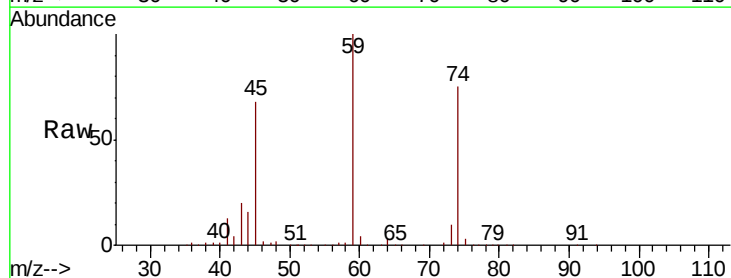
Tot Ion:101 Resp: 72309
 Ion Ratio Lower Upper
 101 100
 103 63.6 48.9 73.3

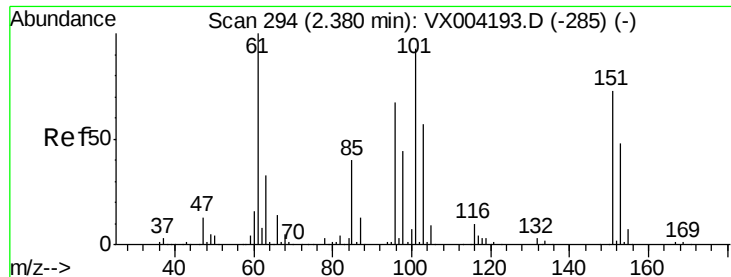


#8

Diethyl Ether
 Concen: 24.26 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.01 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion: 74 Resp: 39550
 Ion Ratio Lower Upper
 74 100
 45 95.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.51 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

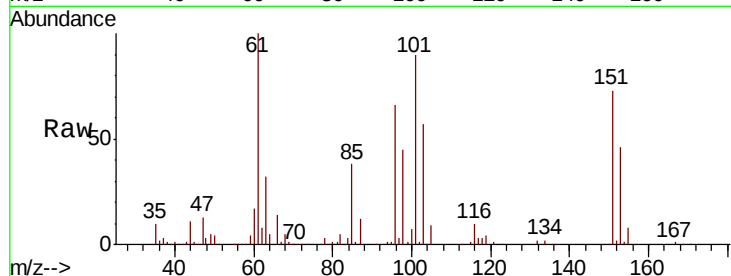
Tot Ion:101 Resp: 41749

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

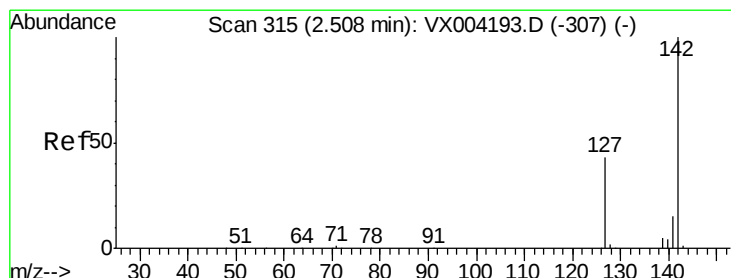
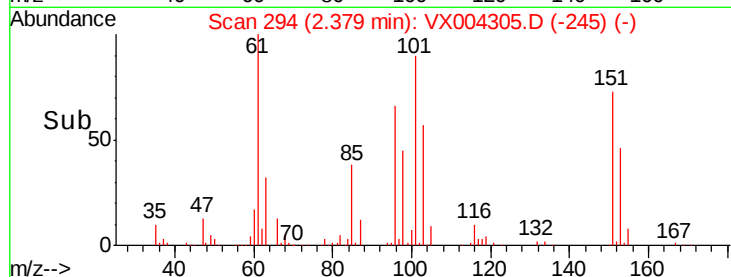
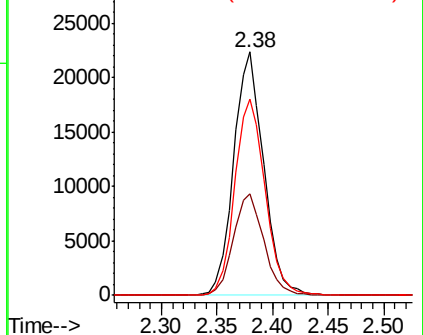
151 81.8 65.0 97.6



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: 22.29 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

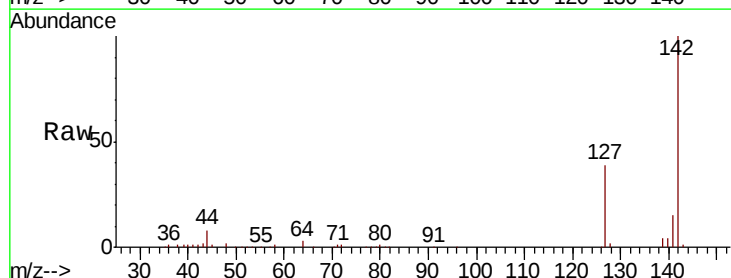
Tgt Ion:142 Resp: 53038

Ion Ratio Lower Upper

142 100

127 40.9 33.8 50.6

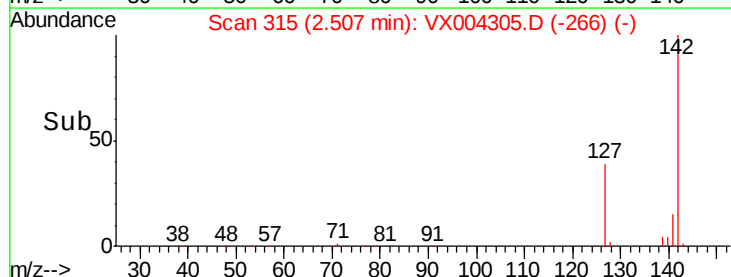
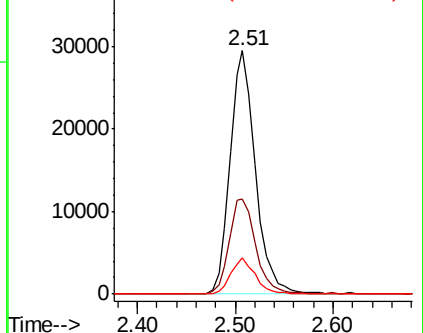
141 14.2 11.4 17.0



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

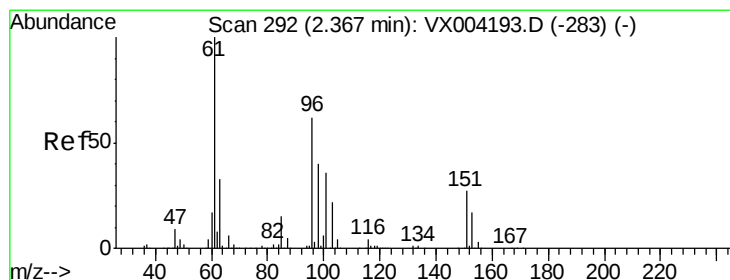
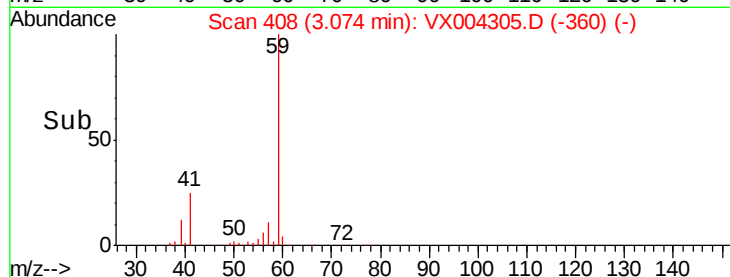
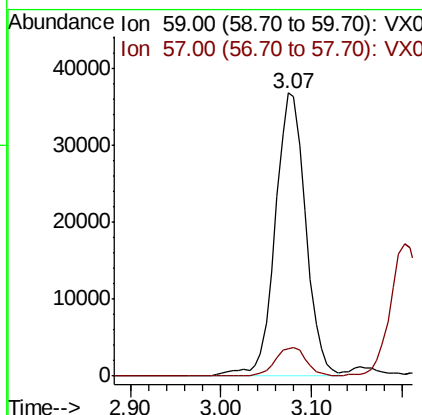
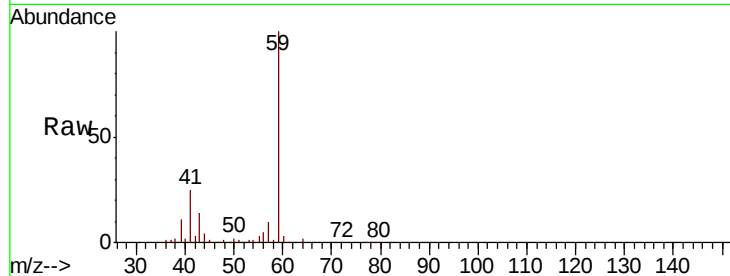




#11
Tert butyl alcohol
Concen: 145.99 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

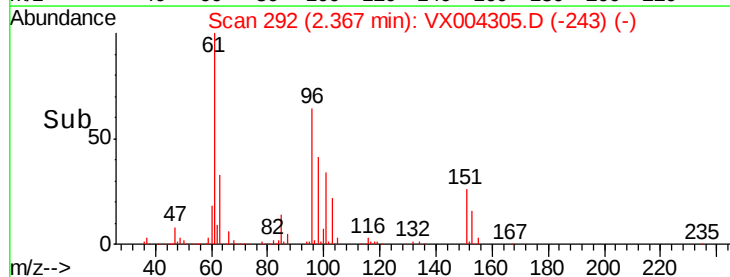
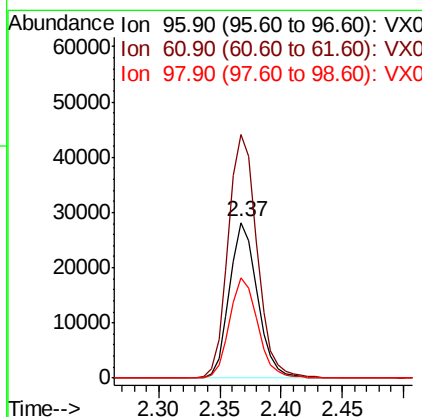
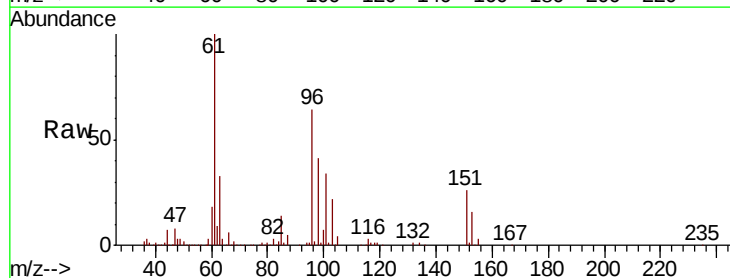
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

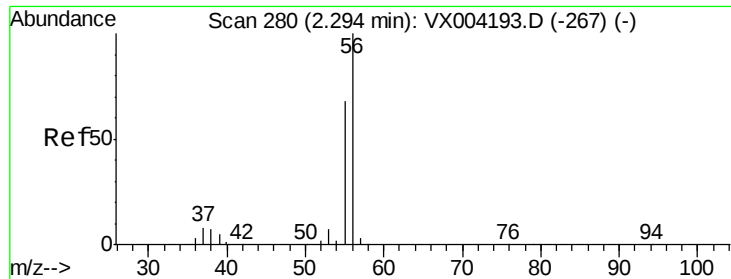
Tot Ion: 59 Resp: 86014
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.85 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion: 96 Resp: 44594
Ion Ratio Lower Upper
96 100
61 156.7 128.8 193.2
98 64.4 52.2 78.2





#13

Acrolein

Concen: 112.72 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

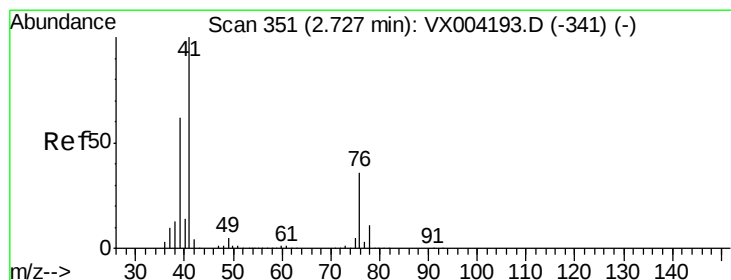
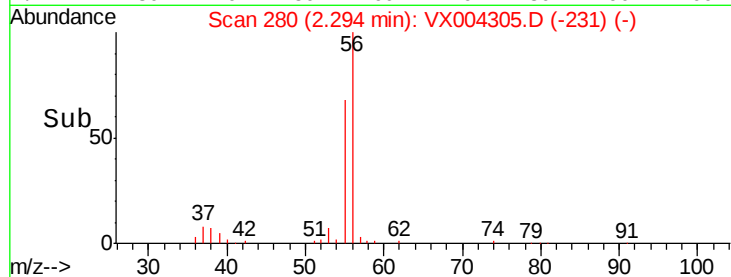
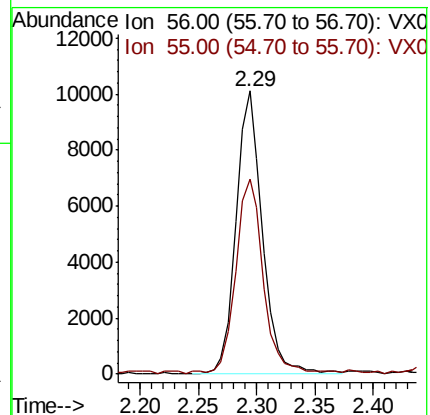
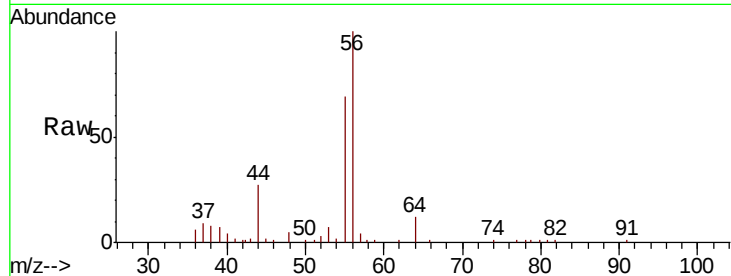
VX0829WBSD02

Tot Ion: 56 Resp: 16011

Ion Ratio Lower Upper

56 100

55 72.9 54.7 82.1



#14

Allyl chloride

Concen: 22.57 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

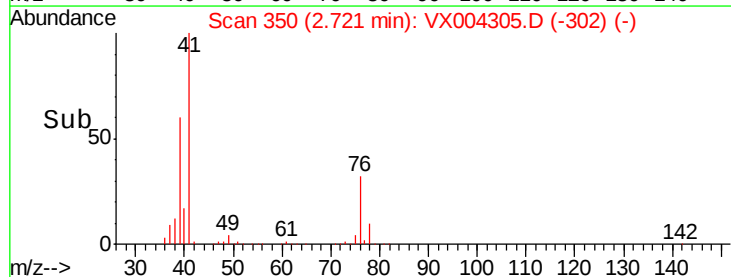
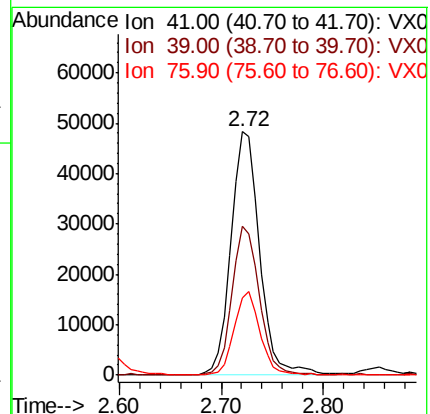
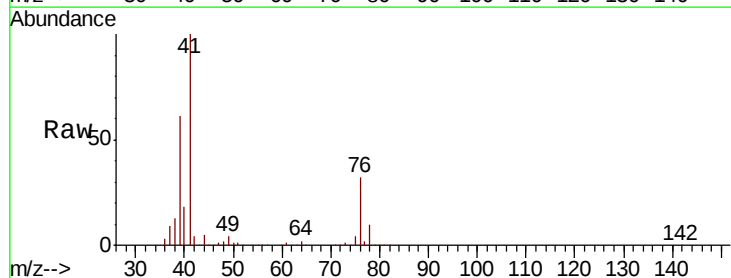
Tgt Ion: 41 Resp: 93149

Ion Ratio Lower Upper

41 100

39 57.8 48.9 73.3

76 31.1 26.7 40.1





#15

Acrylonitrile

Concen: 131.80 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

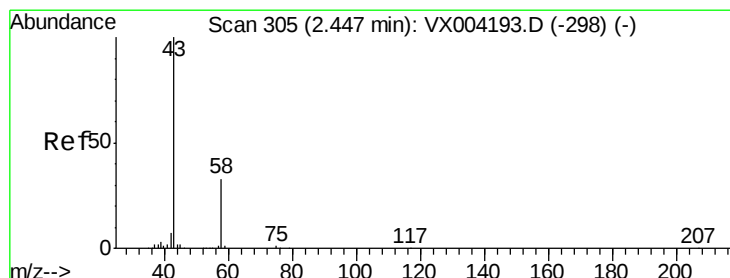
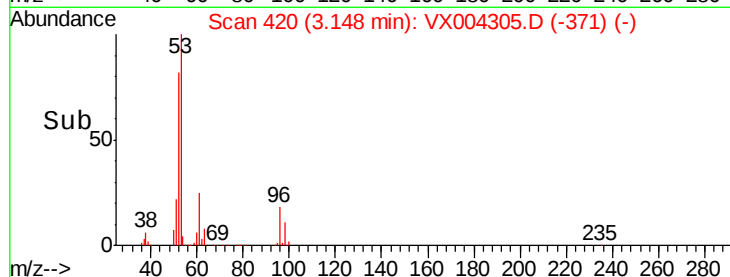
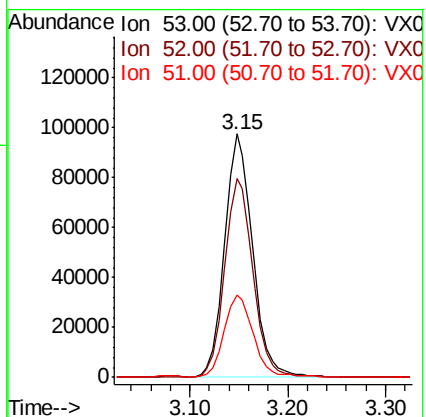
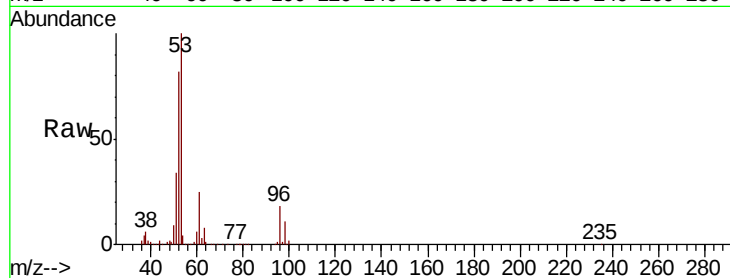
Tot Ion: 53 Resp: 192307

Ion Ratio Lower Upper

53 100

52 82.7 65.2 97.8

51 35.5 28.2 42.2



#16

Acetone

Concen: 141.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004305.D

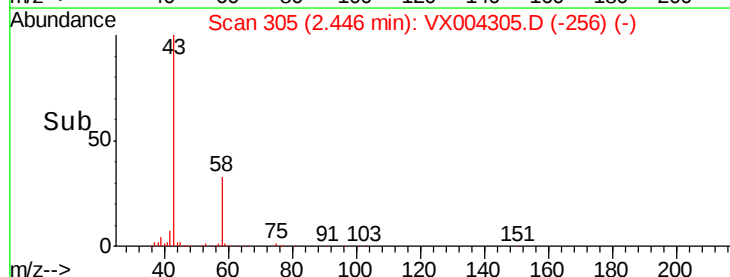
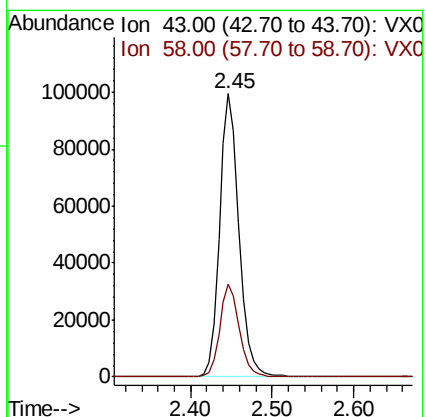
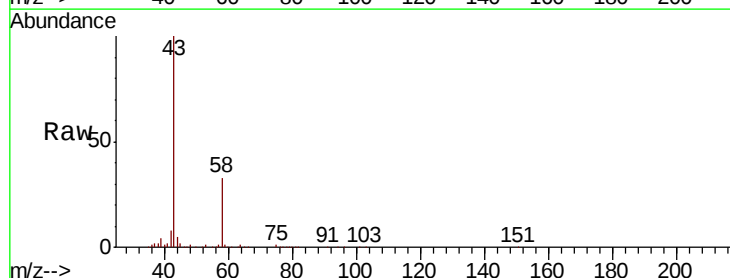
Acq: 29 Aug 2018 21:37

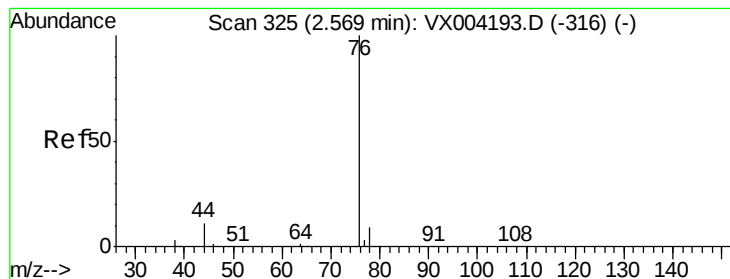
Tgt Ion: 43 Resp: 163299

Ion Ratio Lower Upper

43 100

58 32.6 26.2 39.4





#17

Carbon Disulfide

Concen: 18.79 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

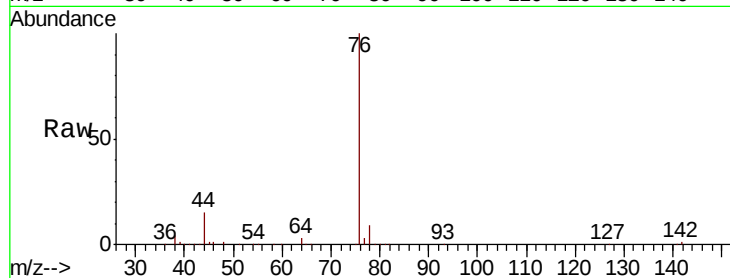
VX0829WBSD02

Tot Ion: 76 Resp: 114088

Ion Ratio Lower Upper

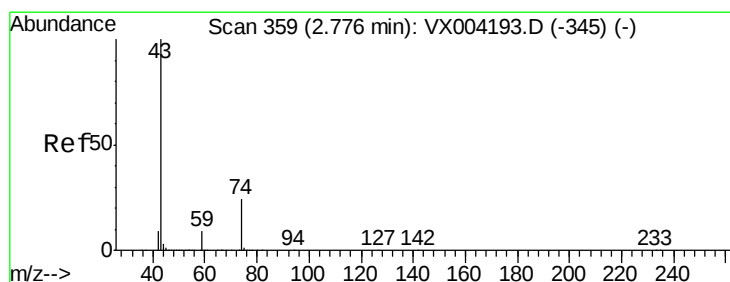
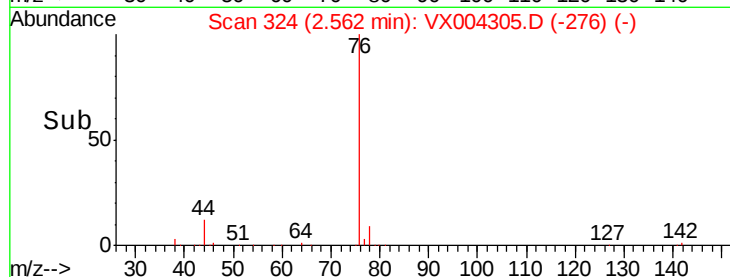
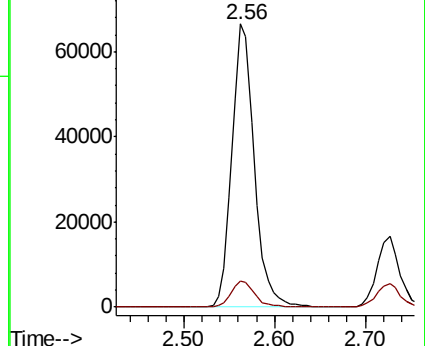
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 32.76 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004305.D

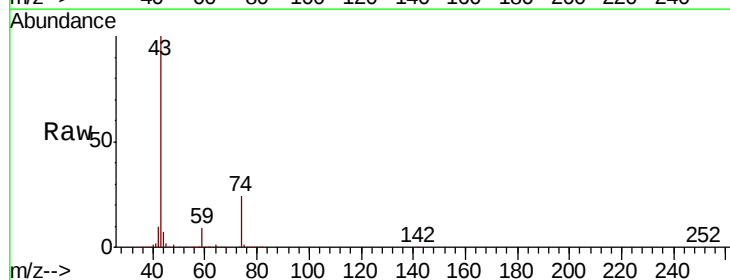
Acq: 29 Aug 2018 21:37

Tgt Ion: 43 Resp: 134363

Ion Ratio Lower Upper

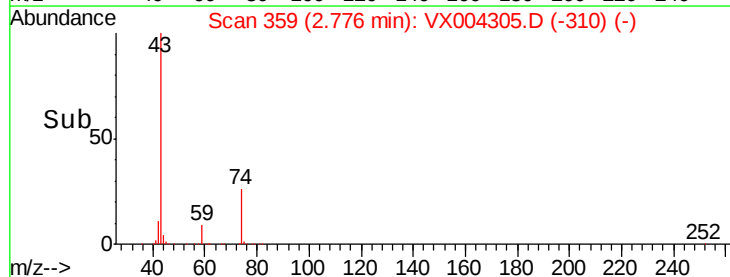
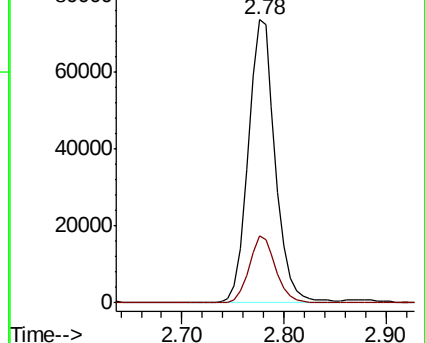
43 100

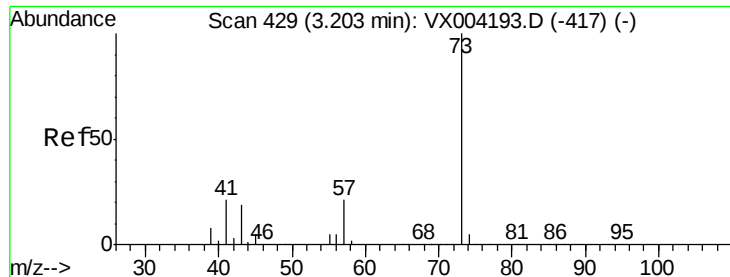
74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

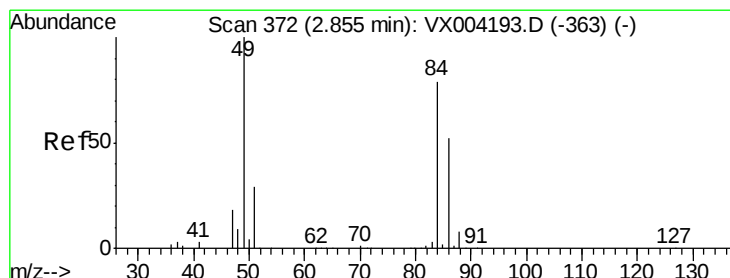
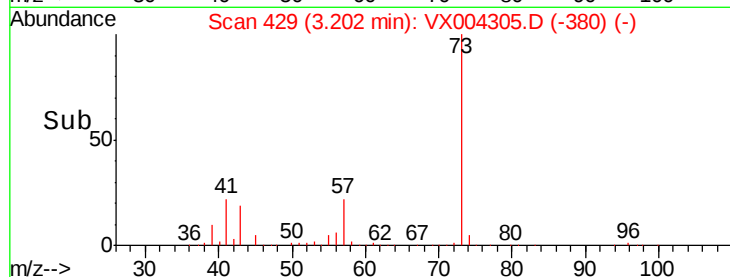
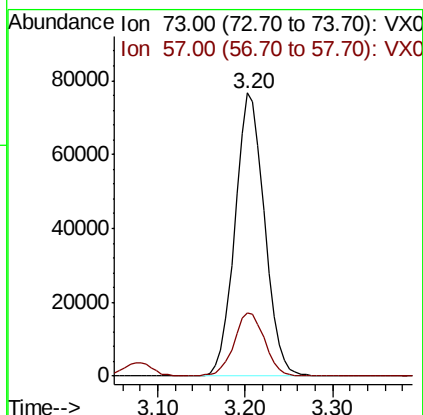
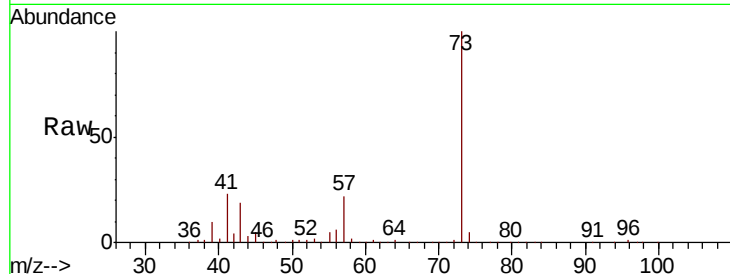




#19
Methvl tert-butvl Ether
Concen: 24.32 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

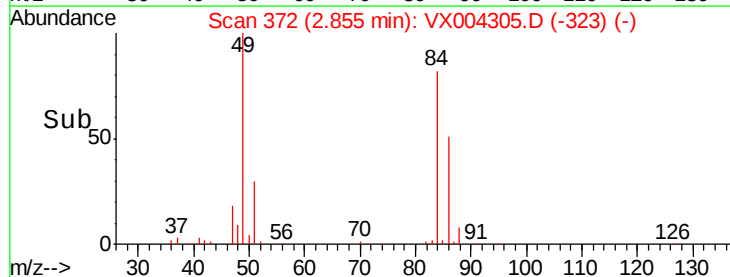
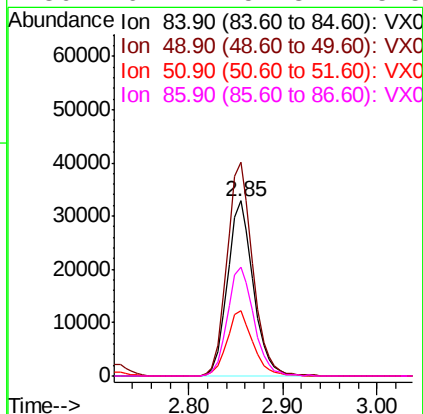
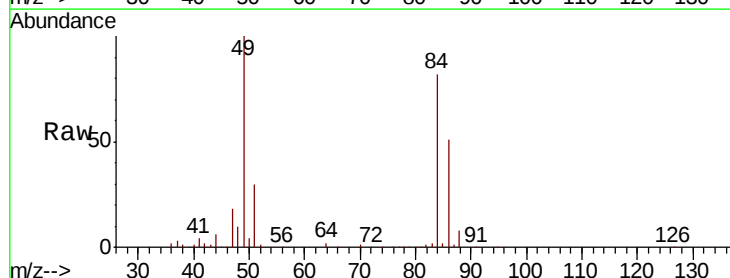
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

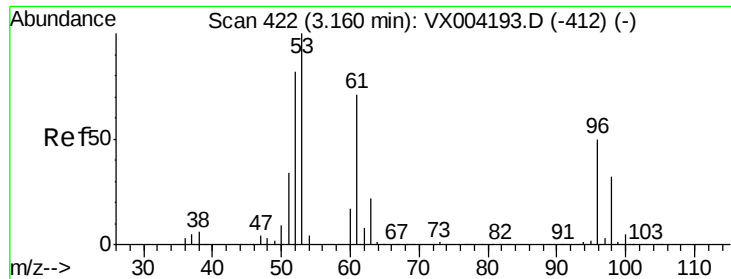
Tot Ion: 73 Resp: 180046
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7



#20
Methylene Chloride
Concen: 23.47 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion: 84 Resp: 62436
Ion Ratio Lower Upper
84 100
49 122.2 101.2 151.8
51 37.1 29.5 44.3
86 62.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.12 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

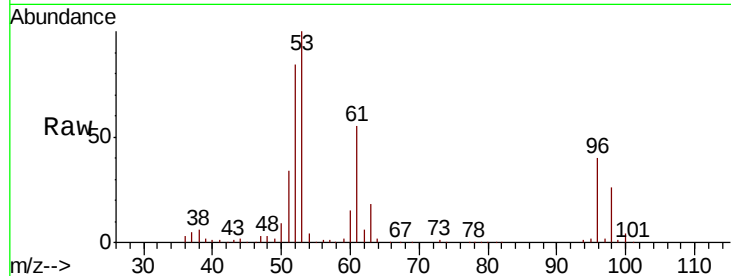
Tot Ion: 96 Resp: 52514

Ion Ratio Lower Upper

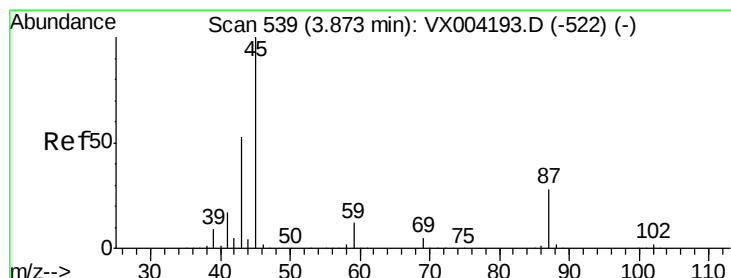
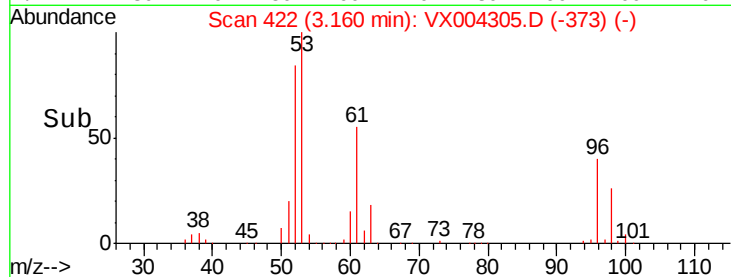
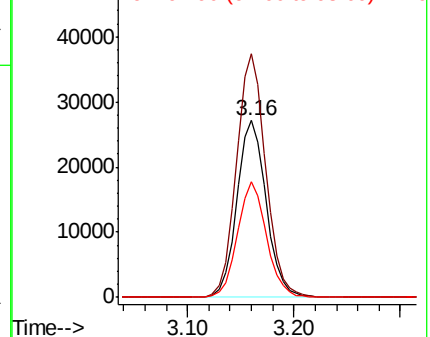
96 100

61 138.0 113.8 170.6

98 65.2 51.8 77.8



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



#22

Diisopropyl ether

Concen: 23.09 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Tgt Ion: 45 Resp: 177958

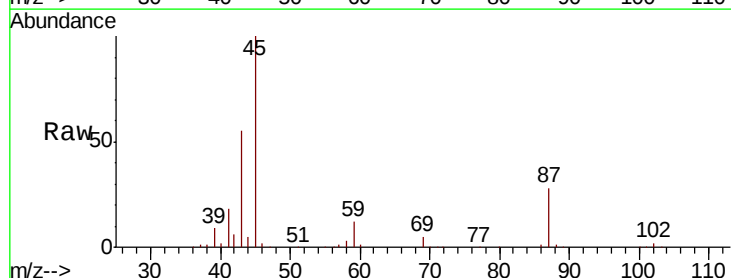
Ion Ratio Lower Upper

45 100

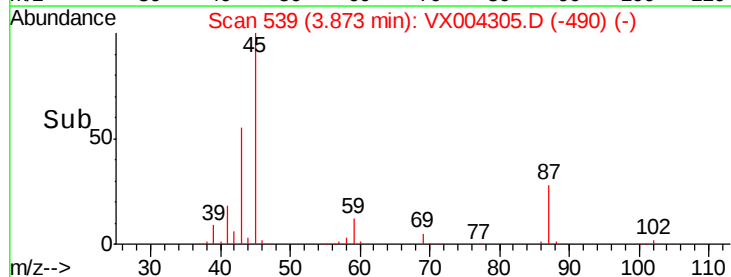
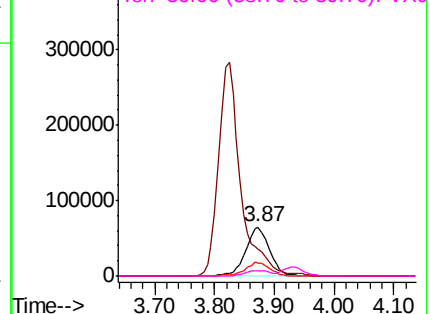
43 55.0 42.8 64.2

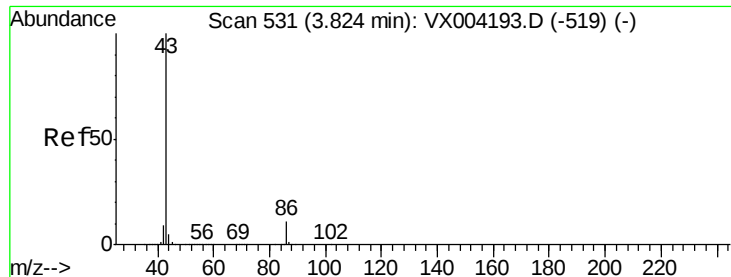
87 27.6 22.6 34.0

59 11.9 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

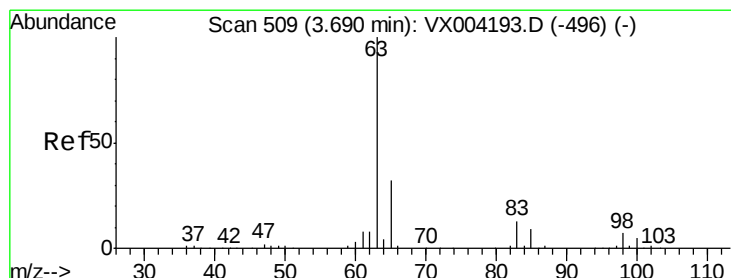
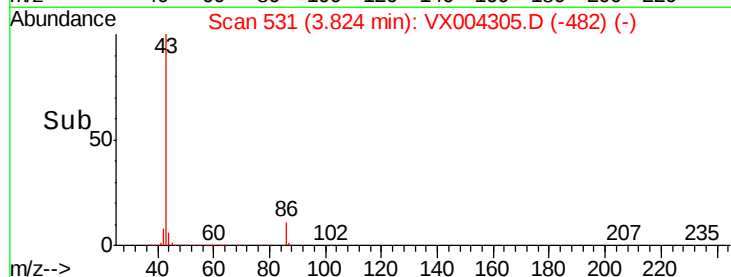
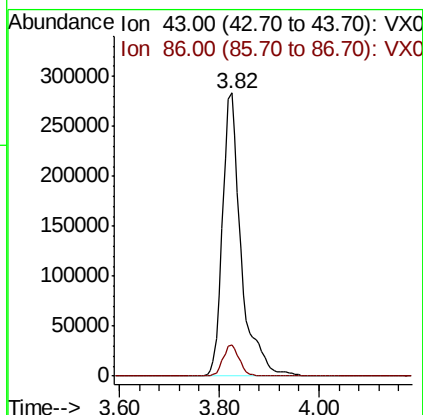
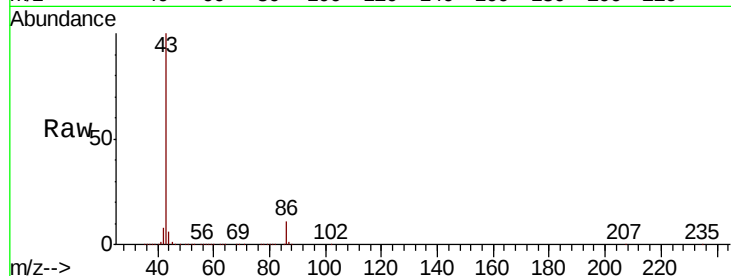




#23
 Vinyl Acetate
 Concen: 117.36 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

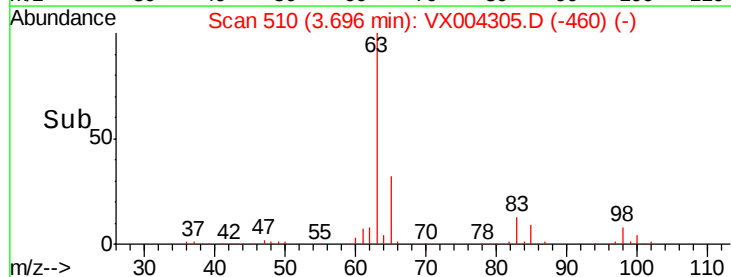
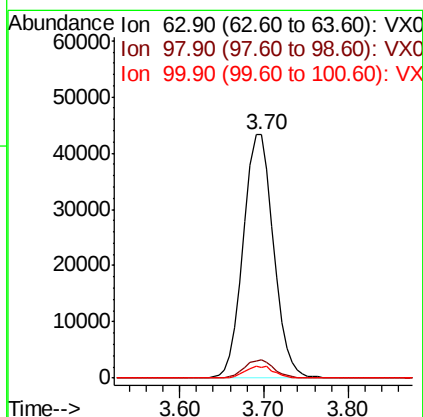
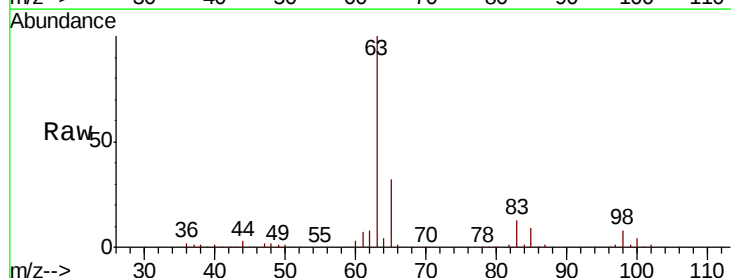
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

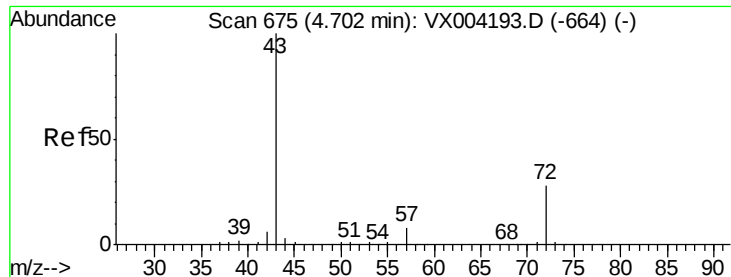
Tot Ion: 43 Resp: 733073
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 23.43 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion: 63 Resp: 105244
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 134.10 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

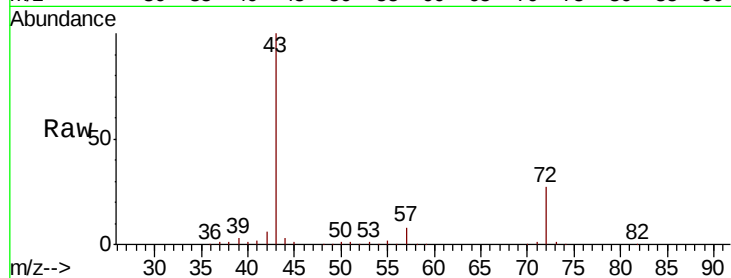
VX0829WBSD02

Tot Ion: 43 Resp: 250806

Ion Ratio Lower Upper

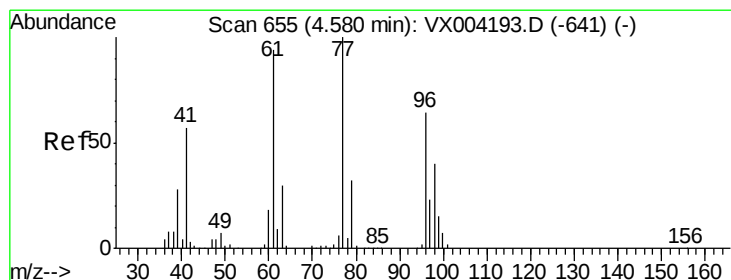
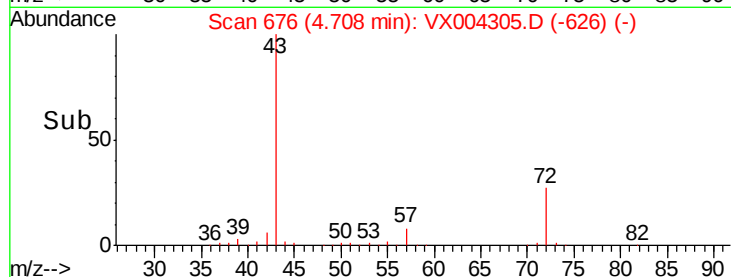
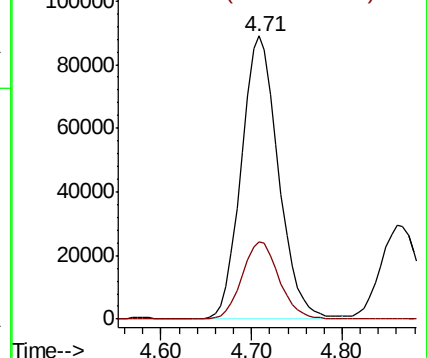
43 100

72 27.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 14.98 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004305.D

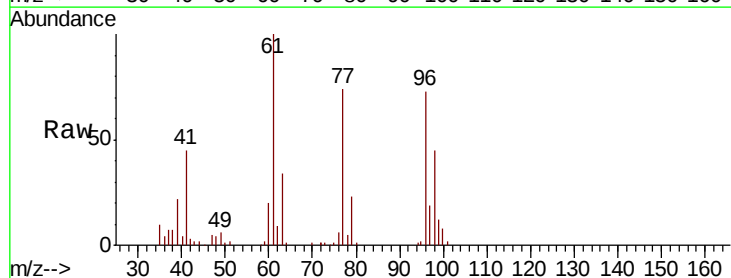
Acq: 29 Aug 2018 21:37

Tgt Ion: 77 Resp: 52783

Ion Ratio Lower Upper

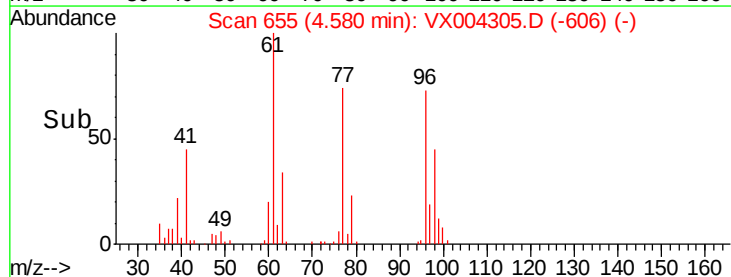
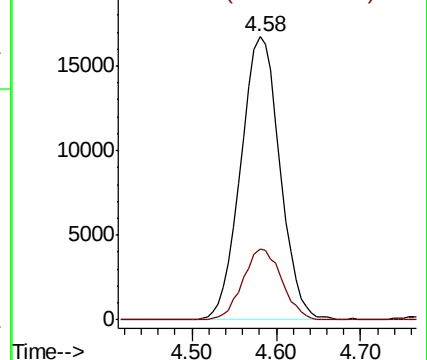
77 100

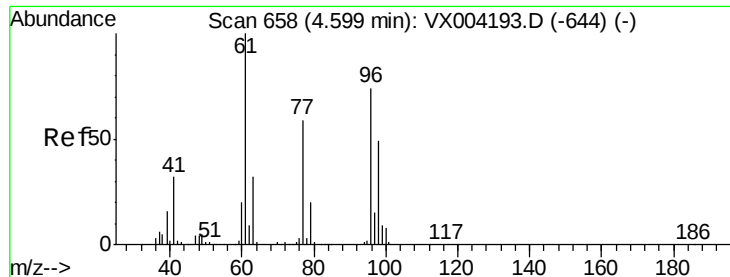
97 24.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



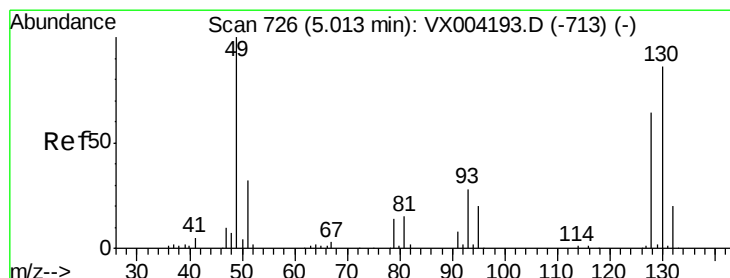
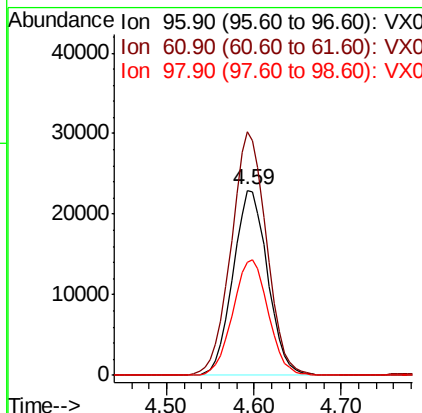
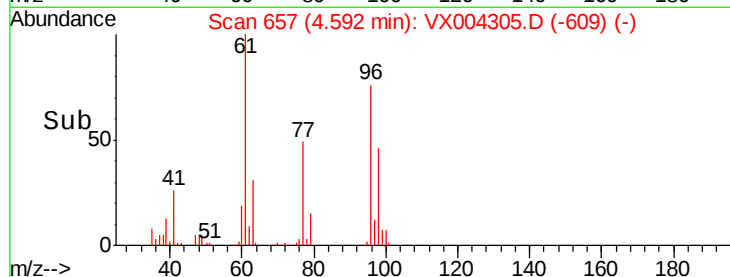
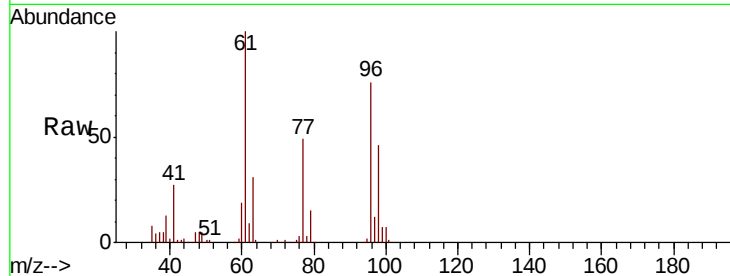


#27

cis-1,2-Dichloroethene
Concen: 22.34 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

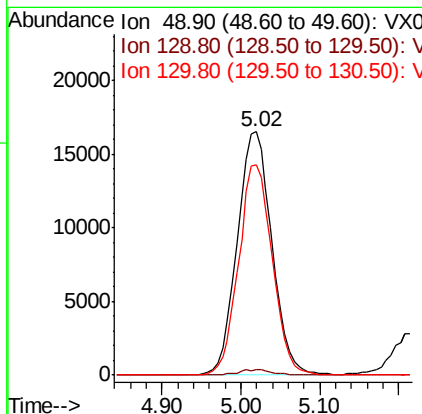
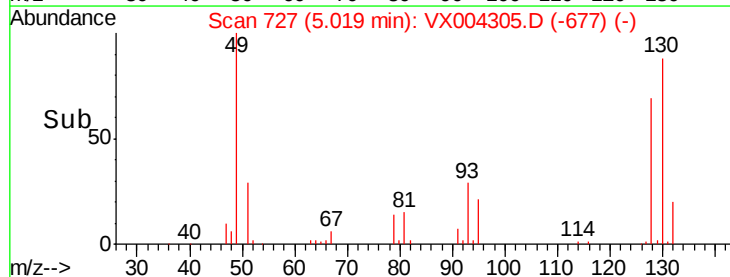
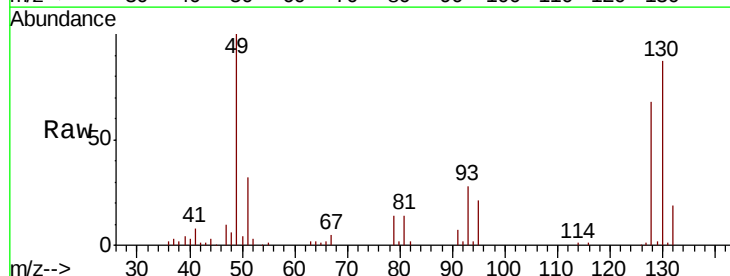
Tot Ion: 96 Resp: 63009
Ion Ratio Lower Upper
96 100
61 135.1 0.0 282.6
98 64.0 0.0 130.2

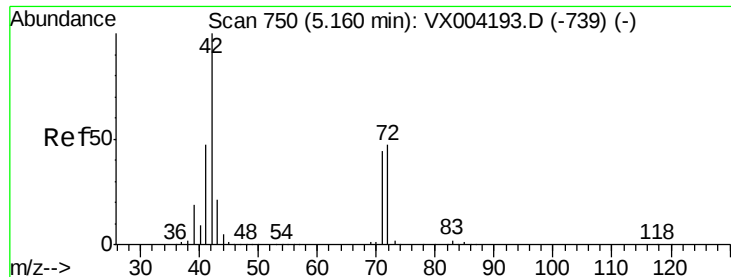


#28

Bromochloromethane
Concen: 25.36 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion: 49 Resp: 50416
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 84.0 67.5 101.3





#29

Tetrahydrofuran

Concen: 133.09 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

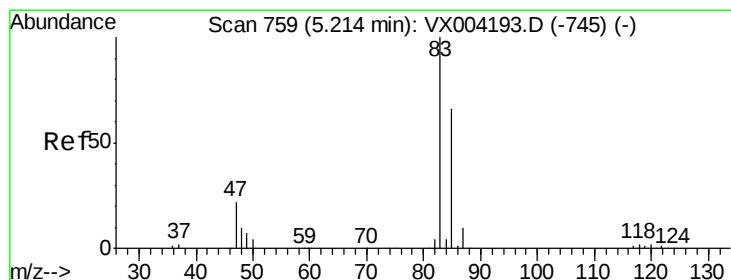
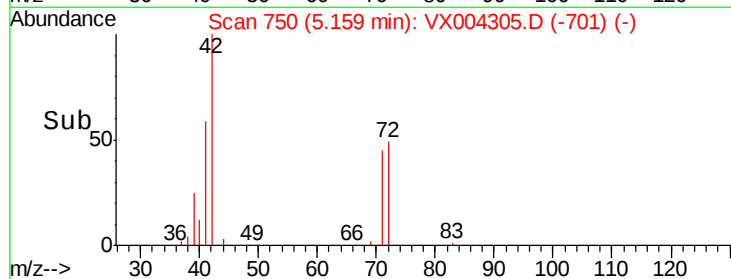
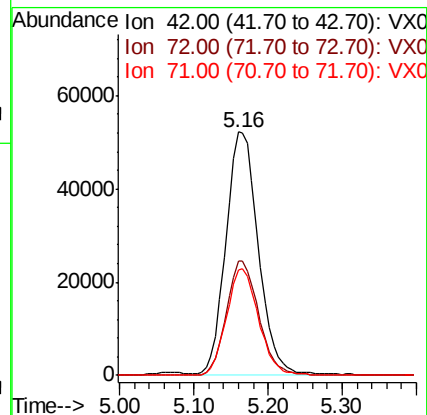
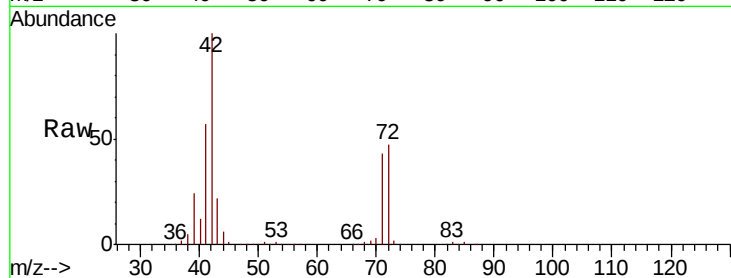
Tot Ion: 42 Resp: 158042

Ion Ratio Lower Upper

42 100

72 47.2 37.4 56.0

71 43.7 34.5 51.7



#30

Chloroform

Concen: 23.28 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004305.D

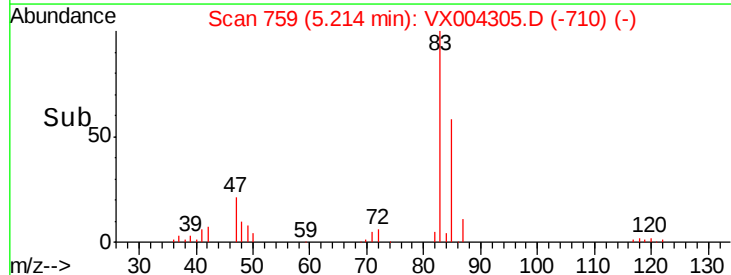
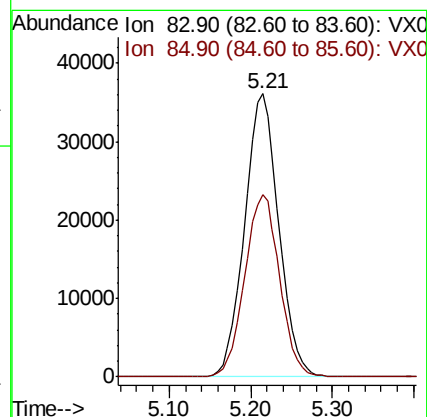
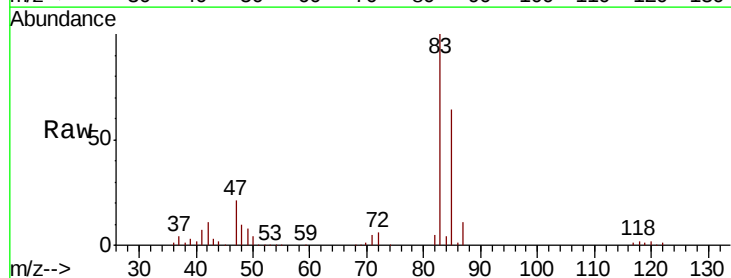
Acq: 29 Aug 2018 21:37

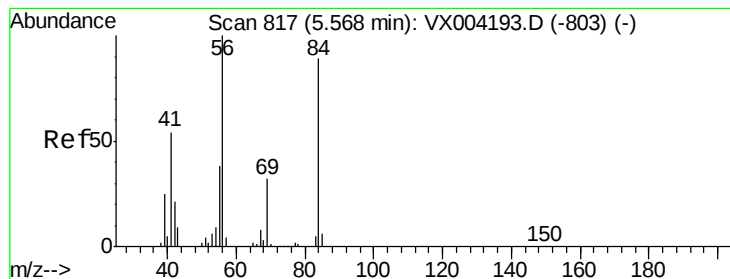
Tgt Ion: 83 Resp: 104852

Ion Ratio Lower Upper

83 100

85 64.2 52.6 79.0





#31

Cyclohexane

Concen: 16.74 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

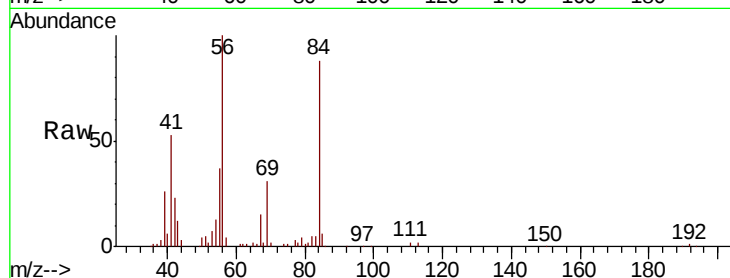
Tot Ion: 56 Resp: 64860

Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.2

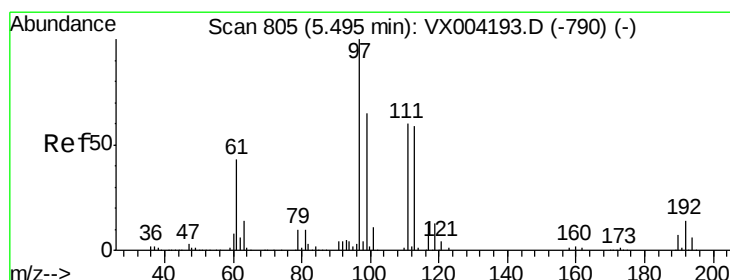
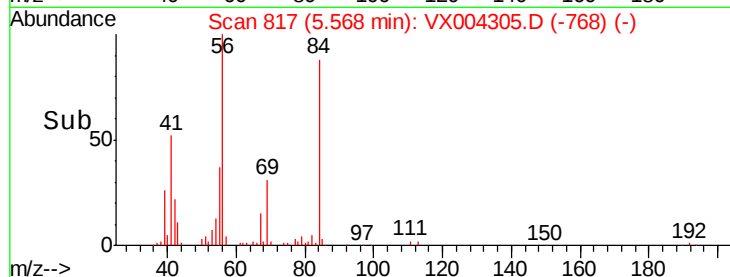
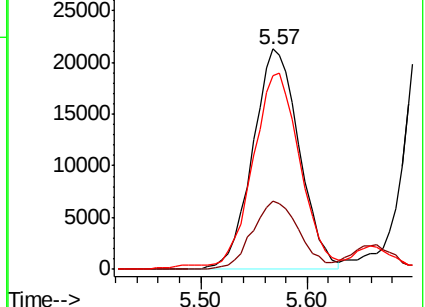
84 85.8 71.4 107.2



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: 21.06 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

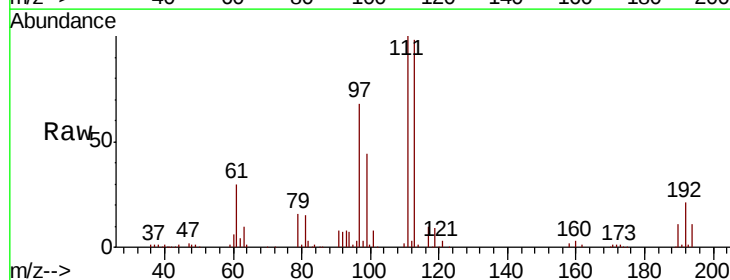
Tgt Ion: 97 Resp: 79080

Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

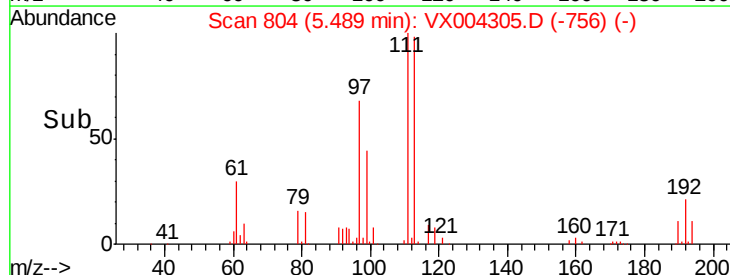
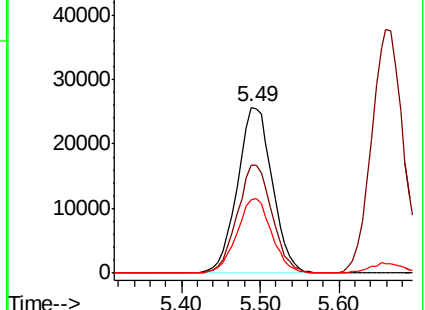
61 44.7 34.9 52.3



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

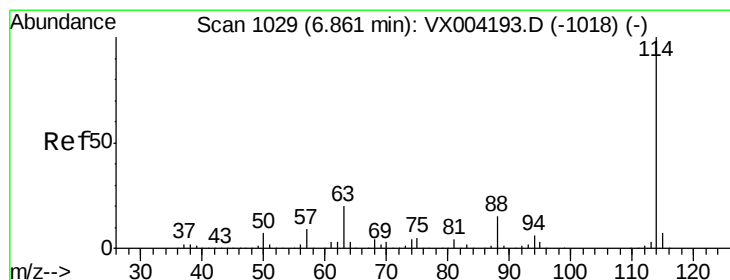
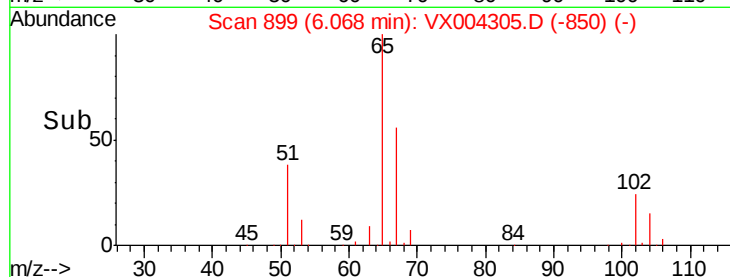
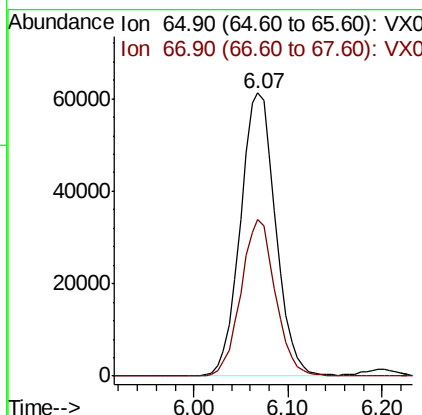
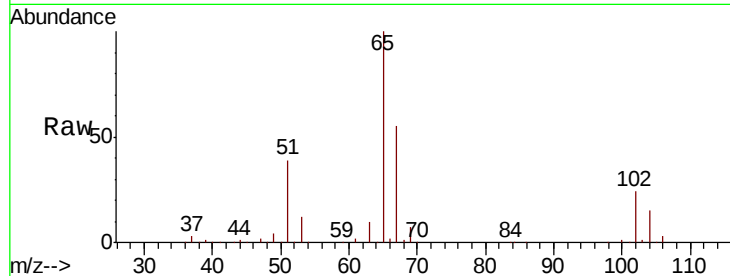




#33
 1,2-Dichloroethane-d4
 Concen: 58.10 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

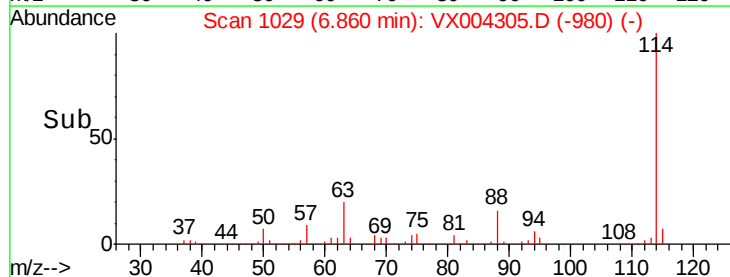
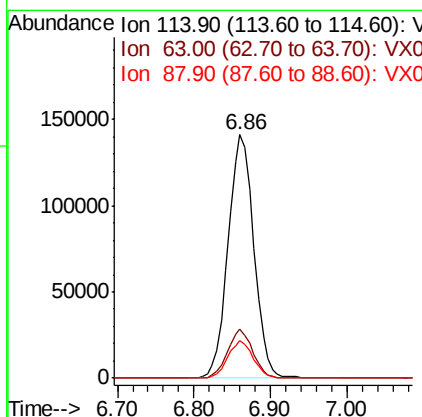
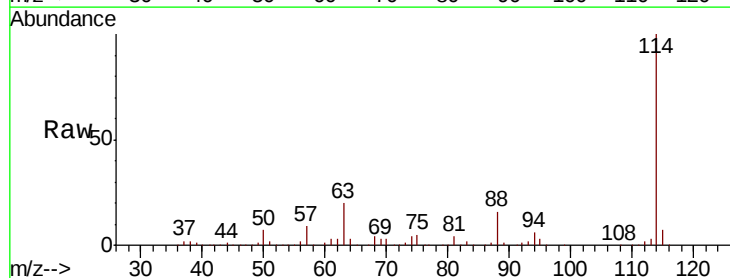
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

Tot Ion: 65 Resp: 160583
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion: 114 Resp: 329247
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.6 0.0 30.4

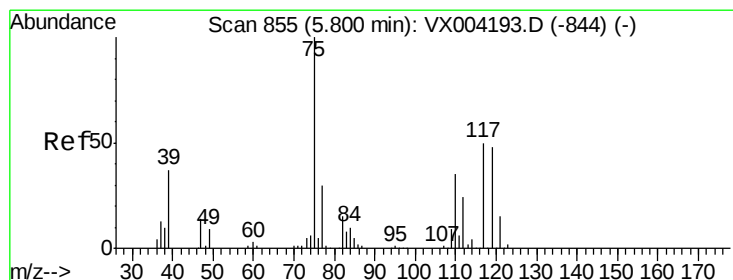
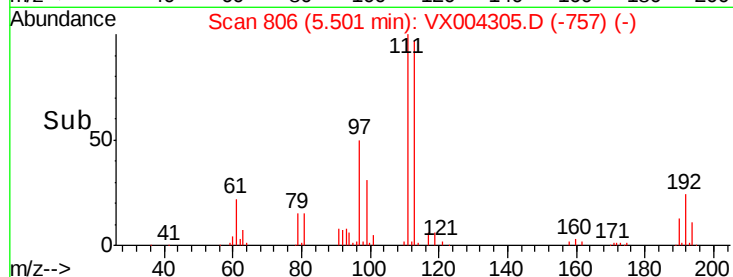
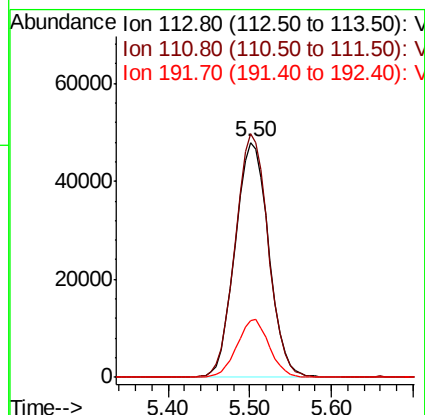
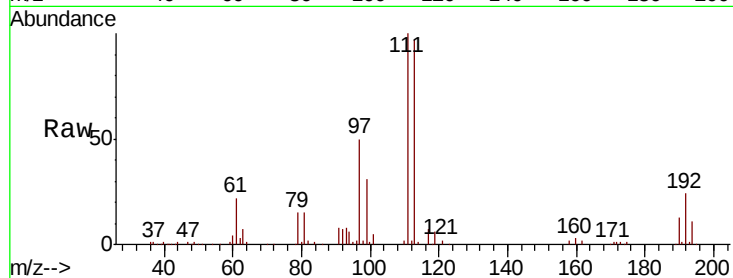




#35
 Dibromofluoromethane
 Concen: 55.80 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

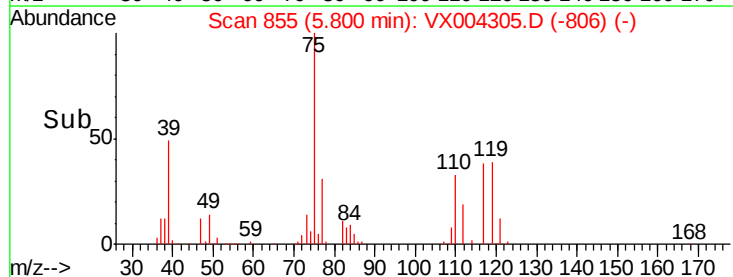
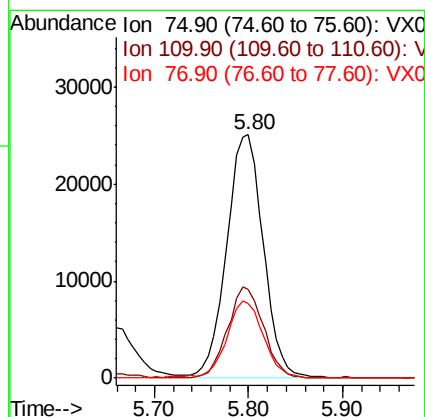
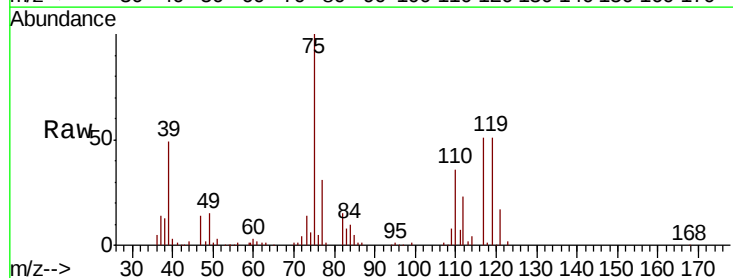
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

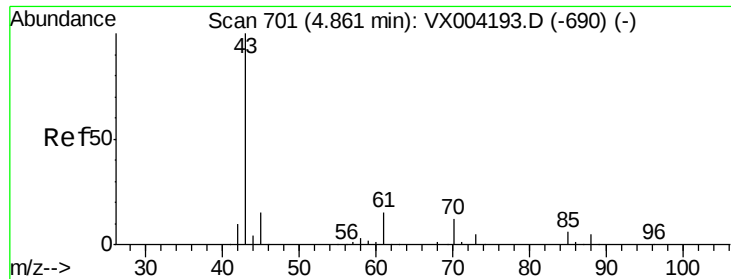
Tot Ion:113 Resp: 136667
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 23.6 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 18.34 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion: 75 Resp: 67884
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.0 54.0
 77 32.1 24.6 36.8

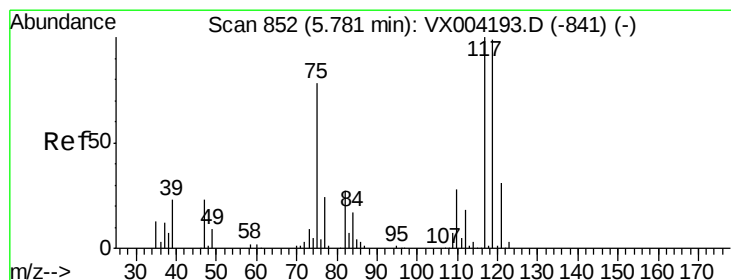
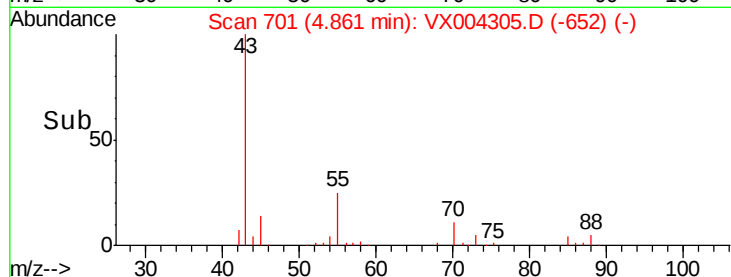
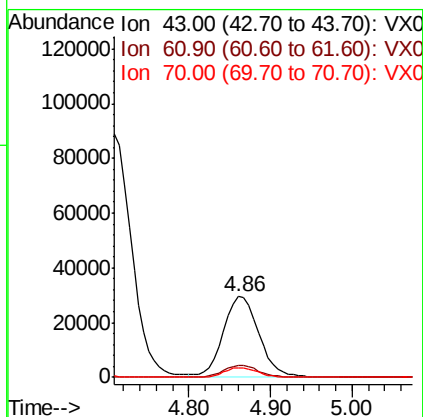
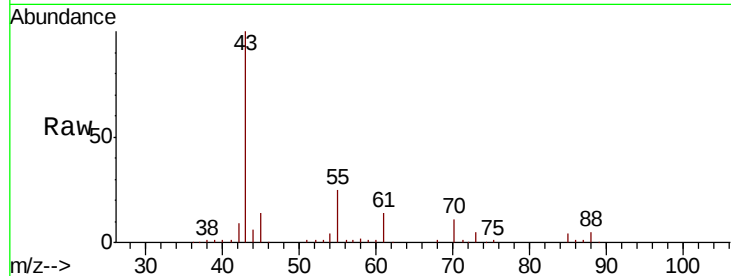




#37
Ethyl Acetate
Concen: 24.32 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

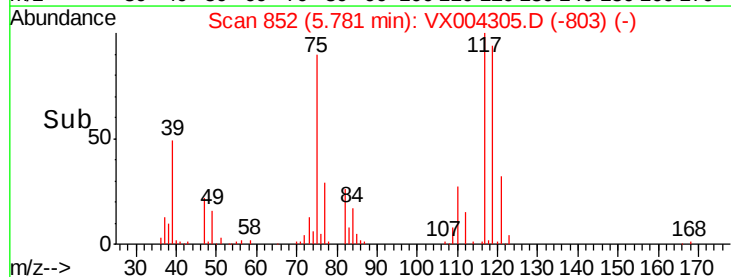
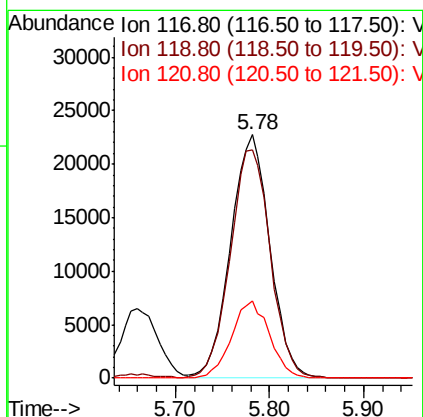
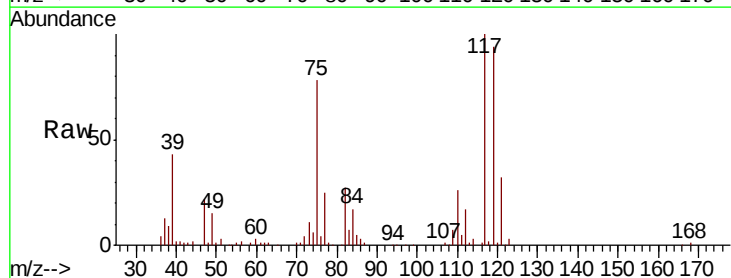
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

Tot Ion: 43 Resp: 88549
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 11.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.96 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion: 117 Resp: 66019
Ion Ratio Lower Upper
117 100
119 93.6 78.8 118.2
121 31.8 24.9 37.3

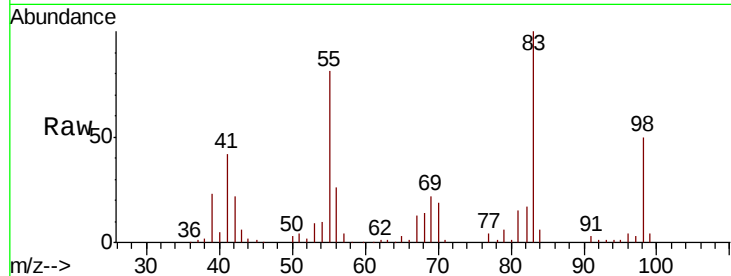




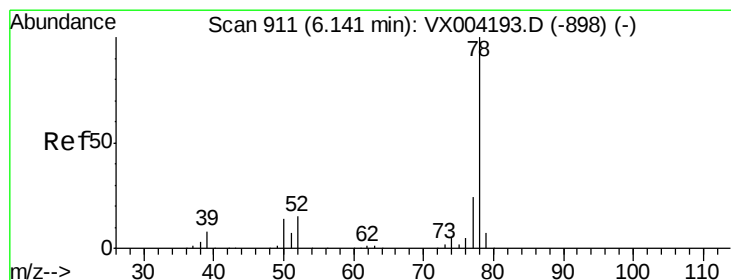
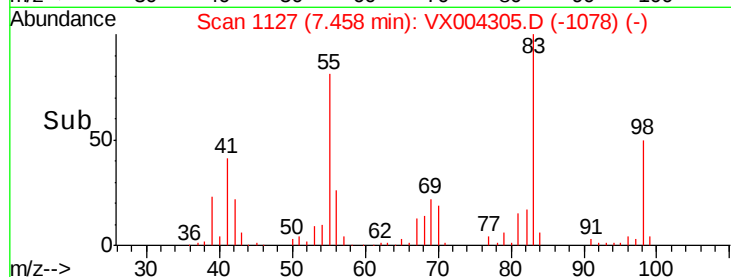
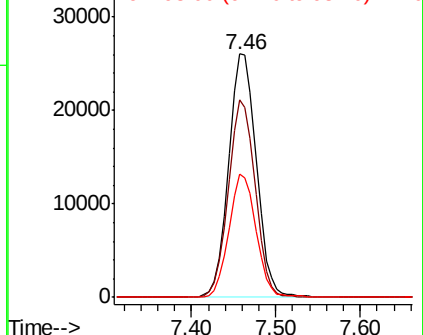
#39
Methvlcvclohexane
Concen: 13.79 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

Tot Ion	83.00	Resp	58289
Ion	Ratio	Lower	Upper
83	100		
55	81.2	61.0	91.4
98	50.5	39.6	59.4

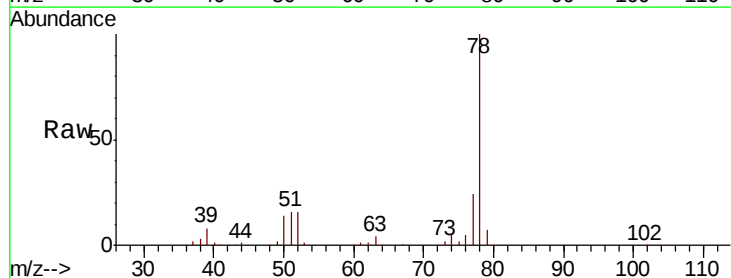


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

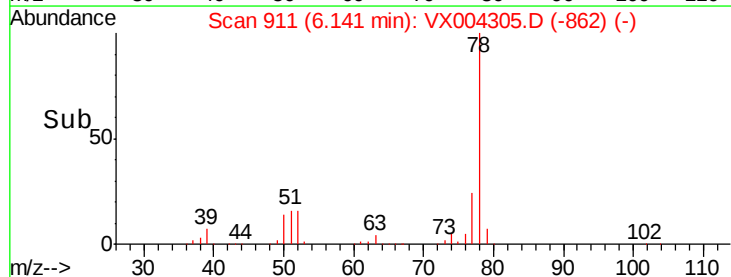
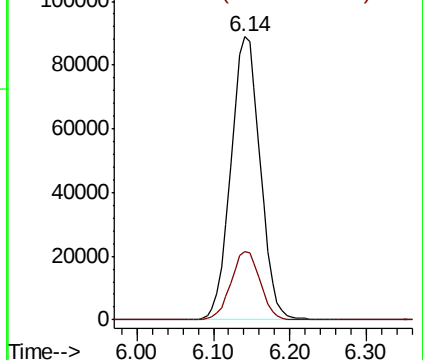


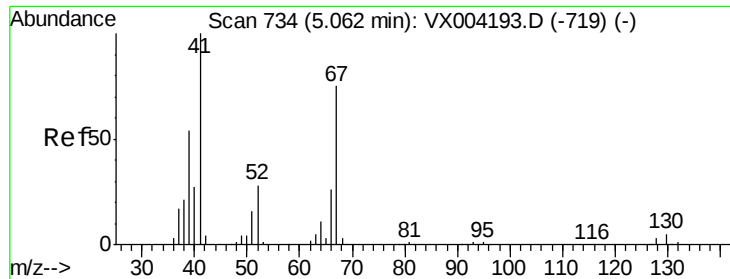
#40
Benzene
Concen: 21.36 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion	78	Resp	236297
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

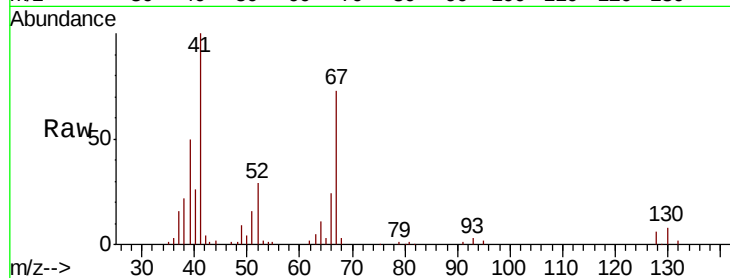




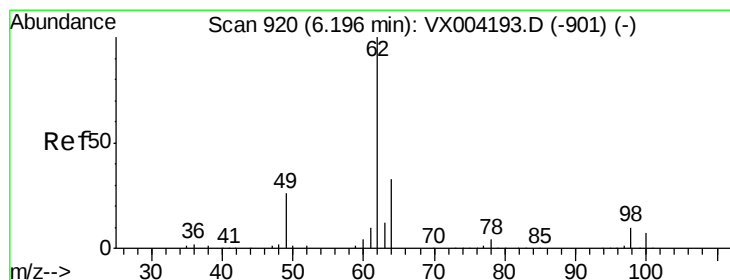
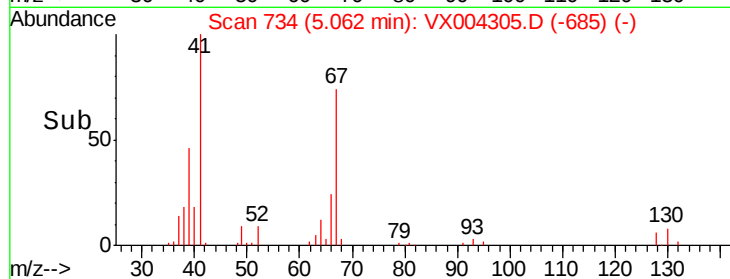
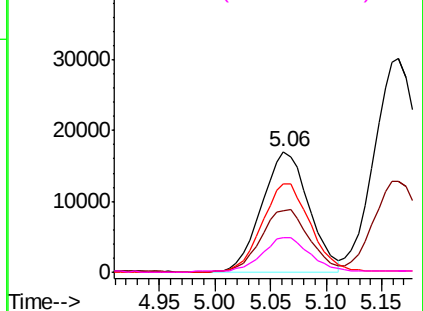
#41
Methacrylonitrile
Concen: 23.69 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

Tot Ion:	41	Resp:	49990
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.4	63.6
67	76.1	59.2	88.8
52	31.6	23.0	34.4

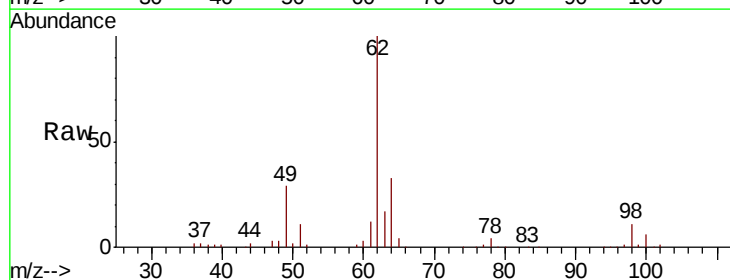


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

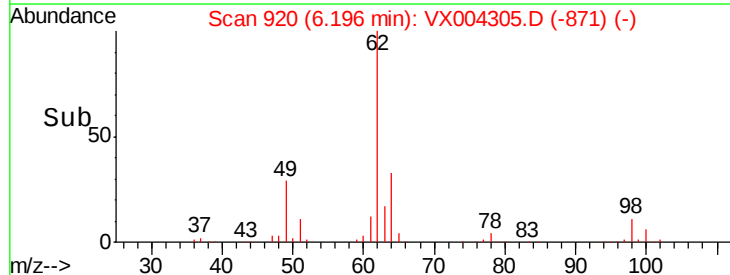
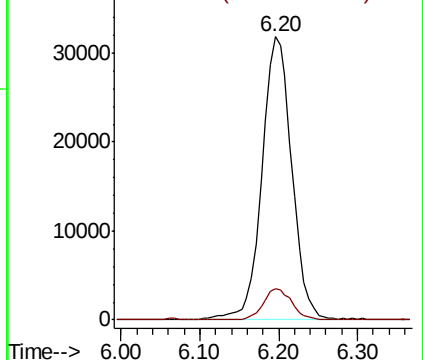


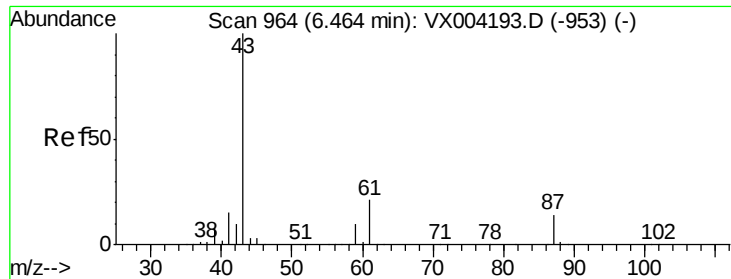
#42
1,2-Dichloroethane
Concen: 22.18 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion:	62	Resp:	83691
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 23.13 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

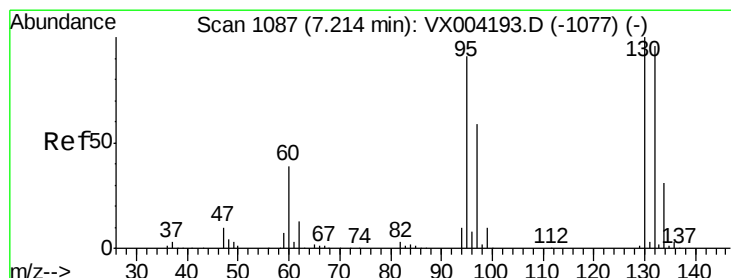
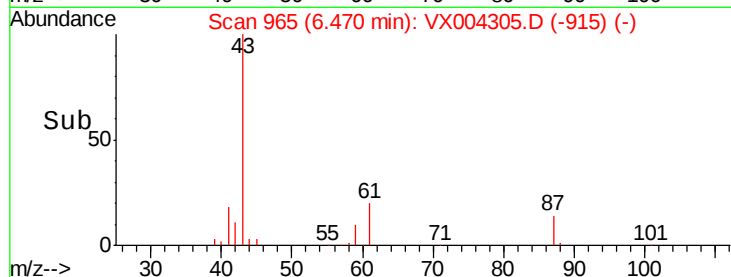
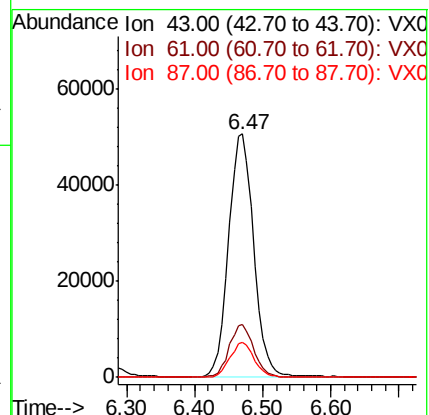
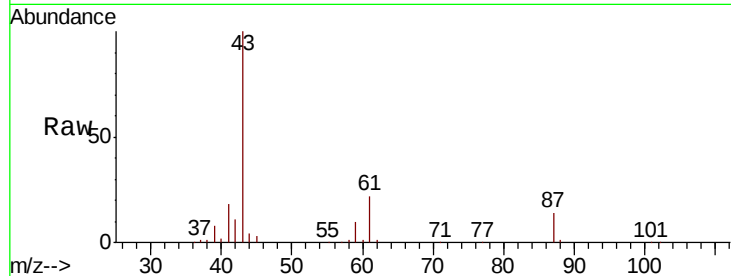
Tot Ion: 43 Resp: 129379

Ion Ratio Lower Upper

43 100

61 21.3 17.0 25.4

87 13.9 11.4 17.2



#44

Trichloroethene

Concen: 19.73 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004305.D

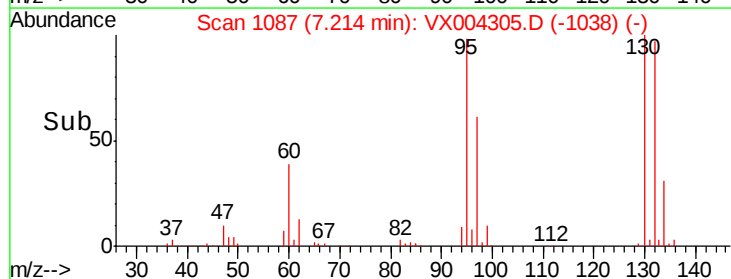
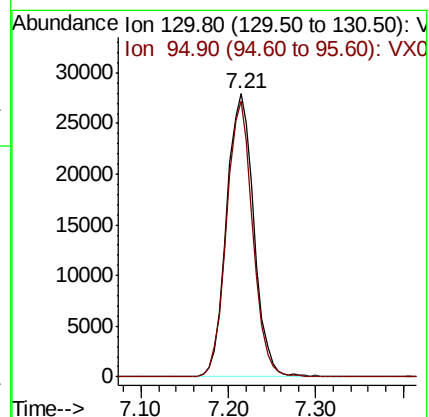
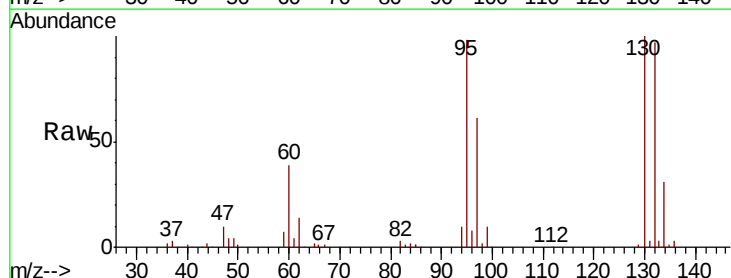
Acq: 29 Aug 2018 21:37

Tgt Ion:130 Resp: 60396

Ion Ratio Lower Upper

130 100

95 97.6 0.0 181.6

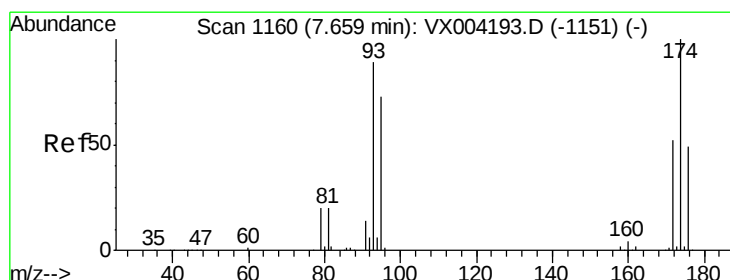
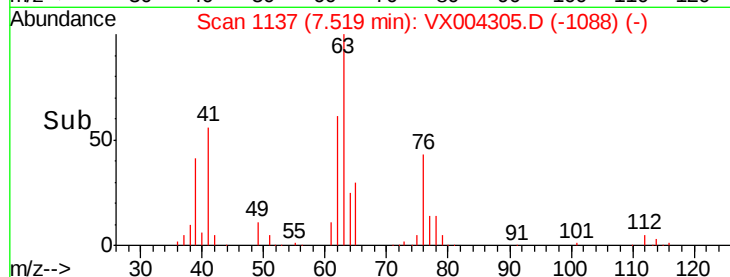
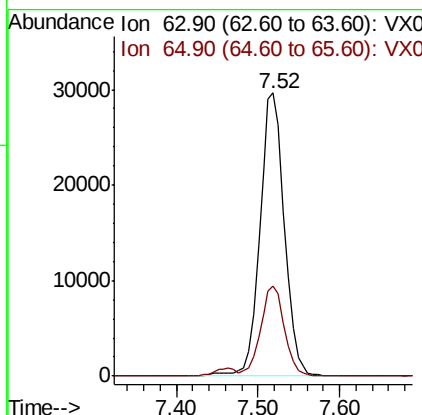
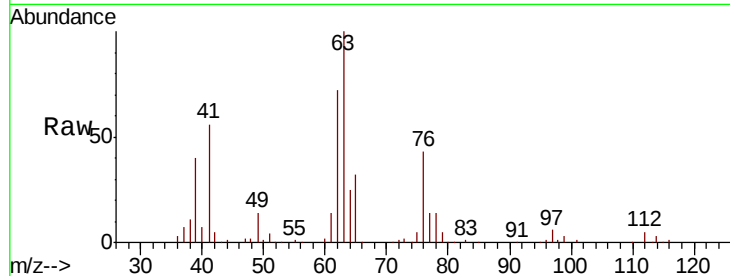




#45
 1,2-Dichloropropane
 Concen: 22.39 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

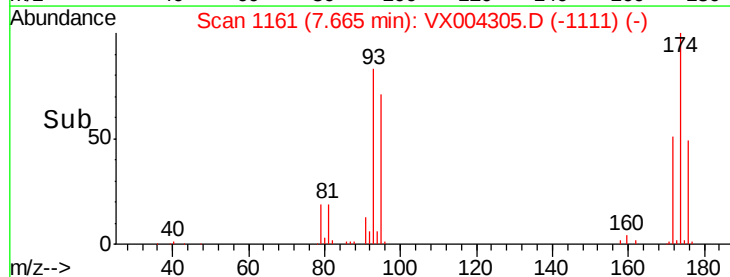
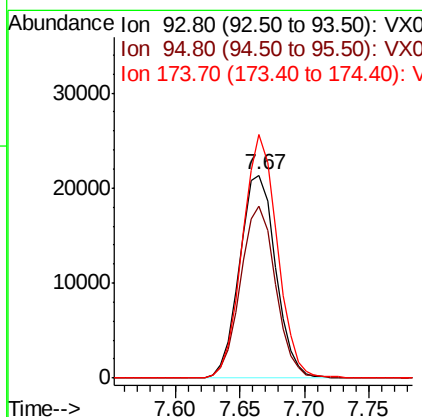
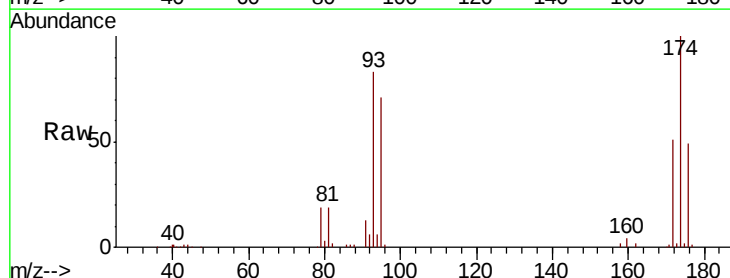
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

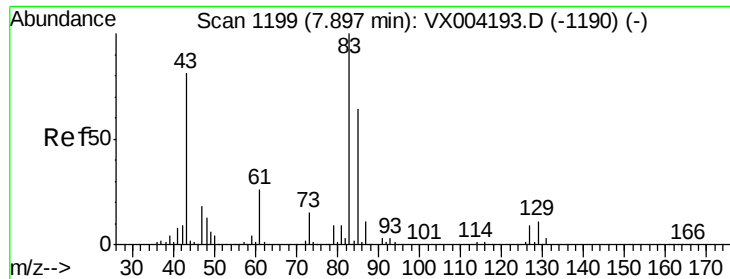
Tot Ion: 63 Resp: 61980
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.3 36.5



#46
 Dibromomethane
 Concen: 22.55 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion: 93 Resp: 41571
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.5 98.3
 174 115.4 94.2 141.4





#47

Bromodichloromethane

Concen: 22.05 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

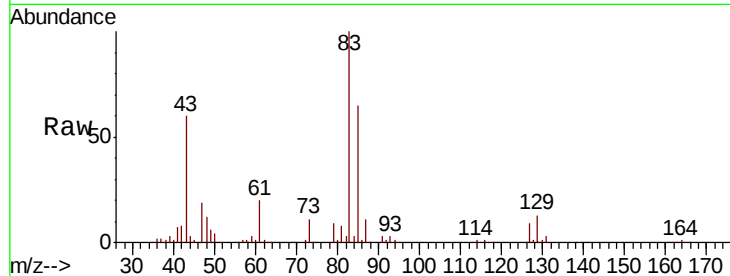
Tot Ion: 83 Resp: 75621

Ion Ratio Lower Upper

83 100

85 65.2 50.9 76.3

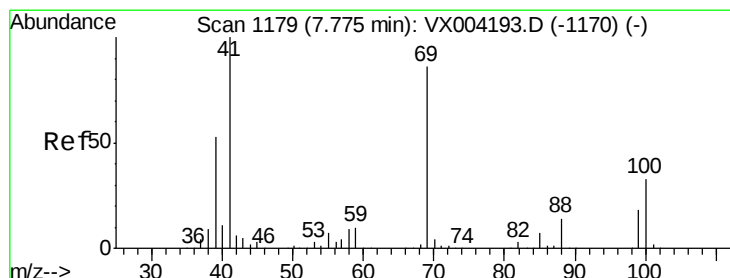
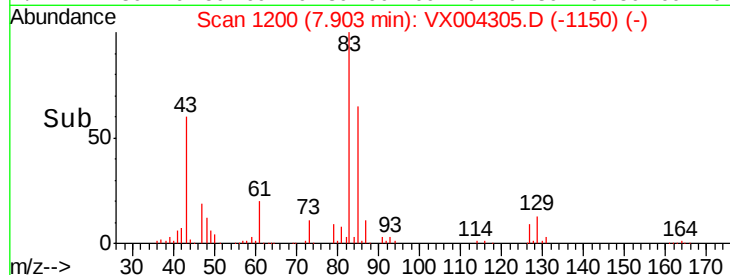
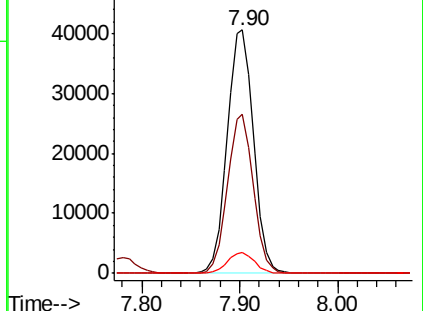
127 8.8 7.3 10.9



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: 22.74 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

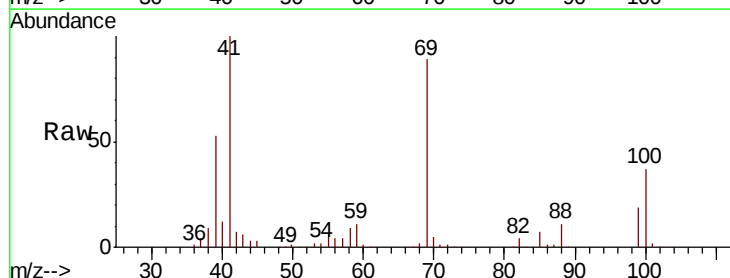
Tgt Ion: 41 Resp: 68057

Ion Ratio Lower Upper

41 100

69 88.5 70.2 105.4

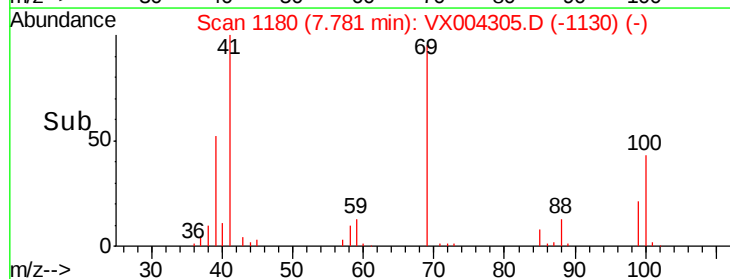
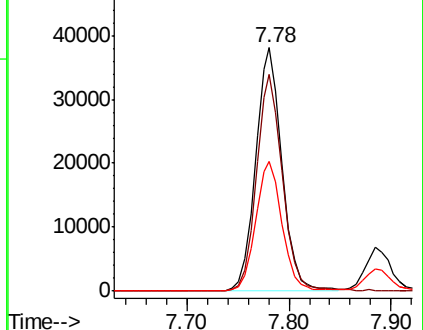
39 54.2 42.7 64.1

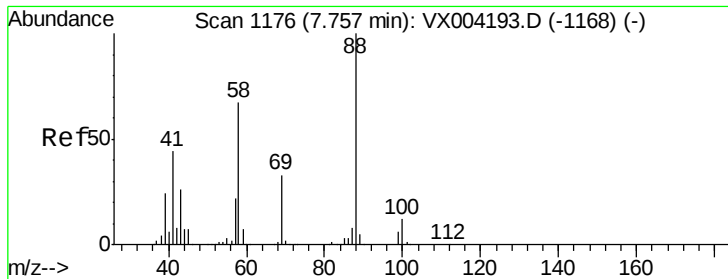


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 500.42 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

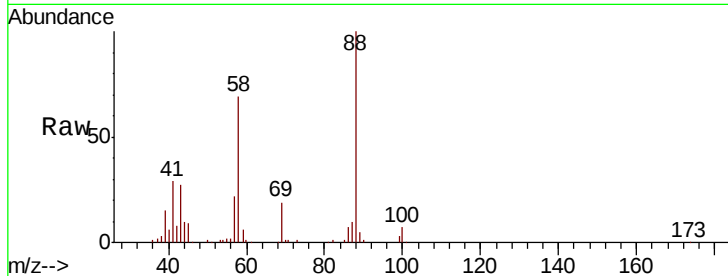
Tot Ion: 88 Resp: 34007

Ion Ratio Lower Upper

88 100

43 31.7 24.7 37.1

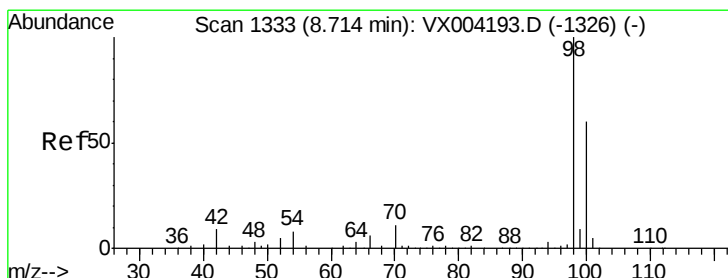
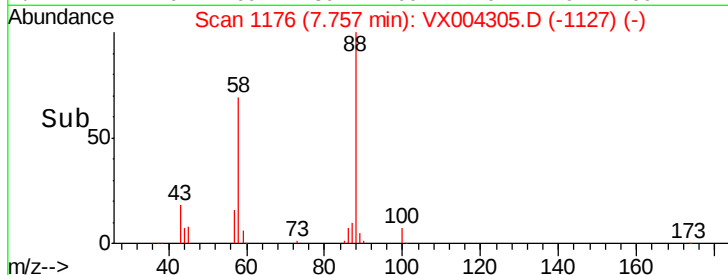
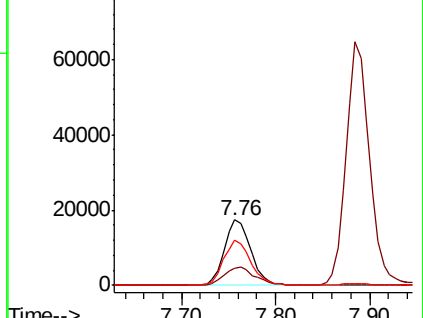
58 70.9 55.3 82.9



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: 53.25 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004305.D

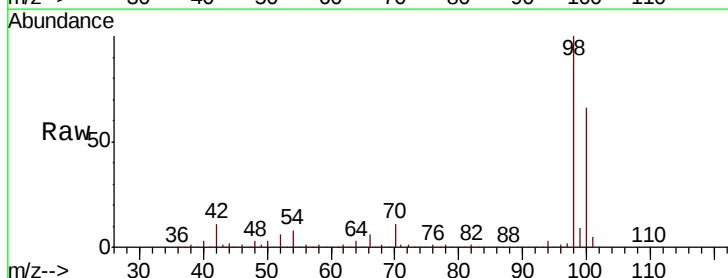
Acq: 29 Aug 2018 21:37

Tgt Ion: 98 Resp: 492320

Ion Ratio Lower Upper

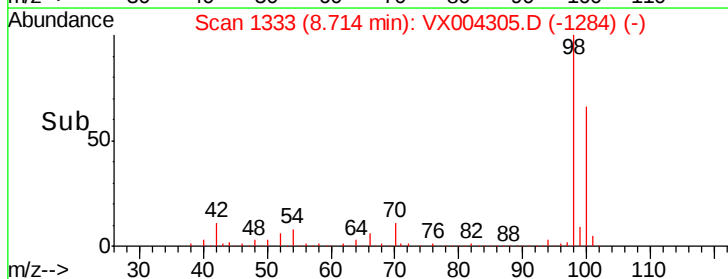
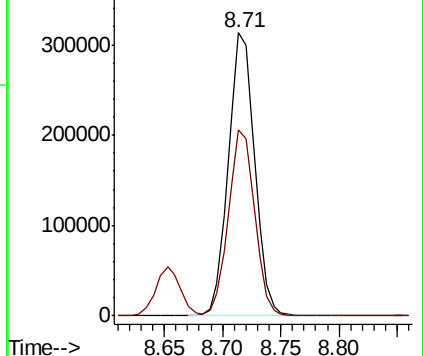
98 100

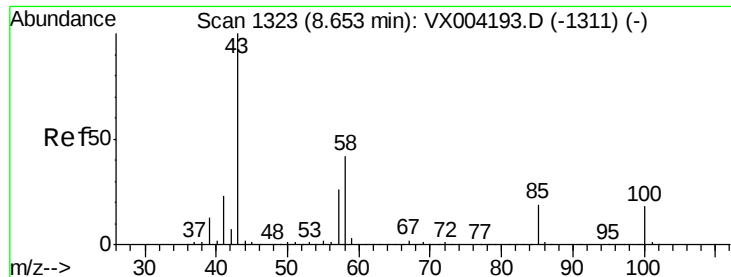
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 117.89 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

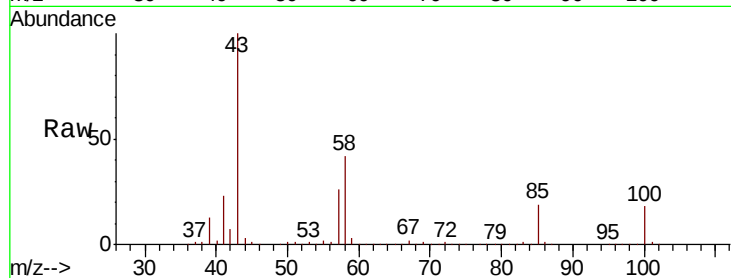
VX0829WBSD02

Tot Ion: 43 Resp: 479161

Ion Ratio Lower Upper

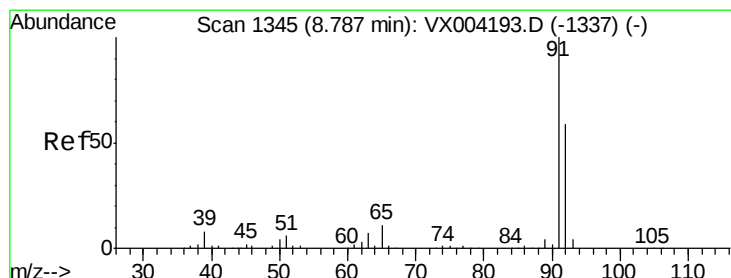
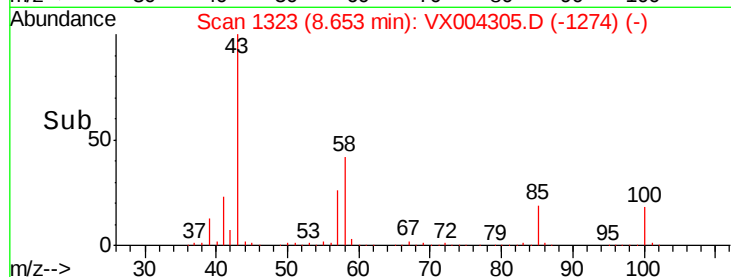
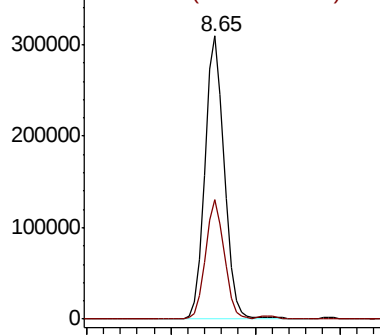
43 100

58 40.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.34 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004305.D

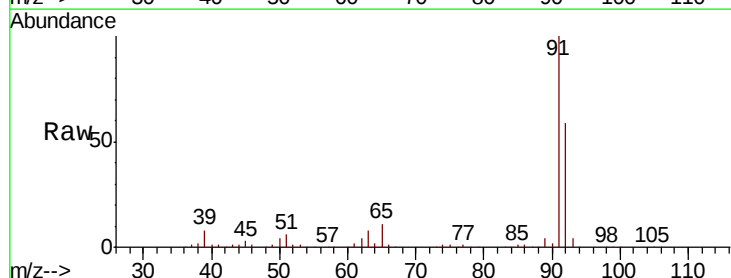
Acq: 29 Aug 2018 21:37

Tgt Ion: 92 Resp: 147739

Ion Ratio Lower Upper

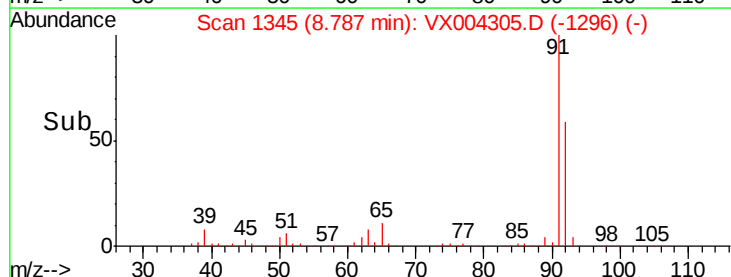
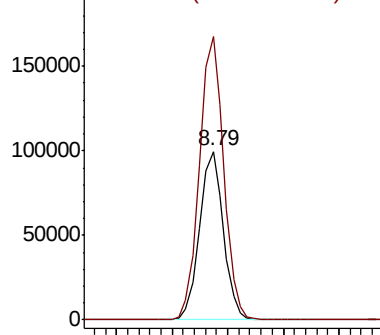
92 100

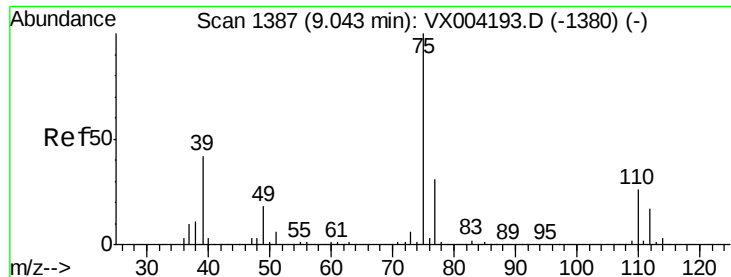
91 171.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

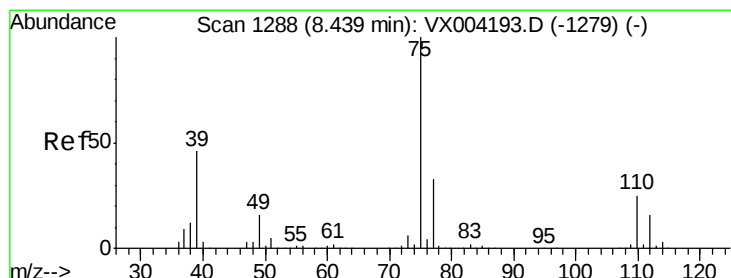
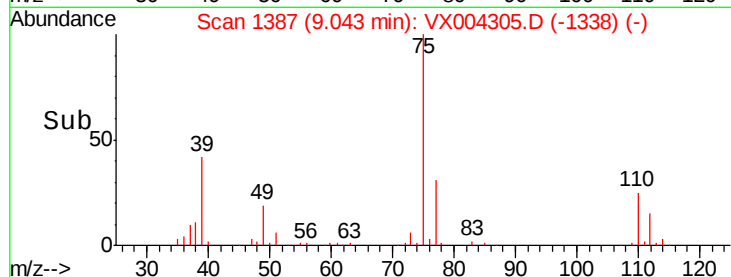
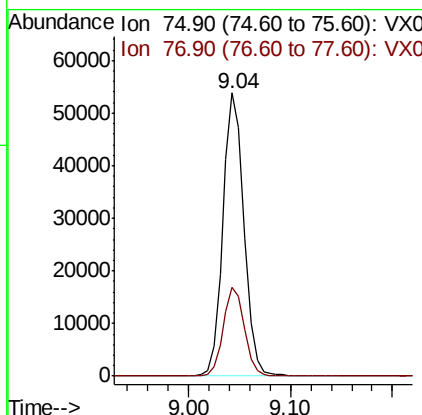
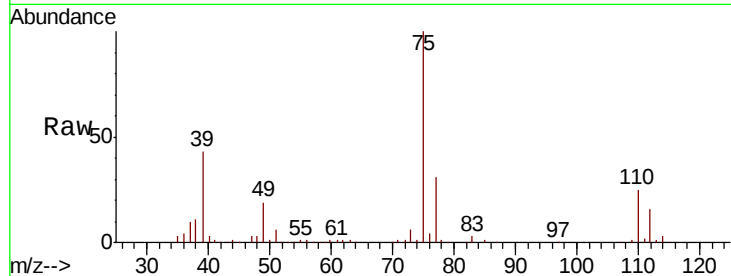




#53
 t-1,3-Dichloropropene
 Concen: 20.33 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

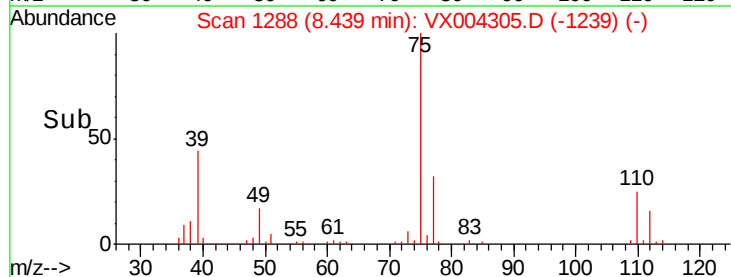
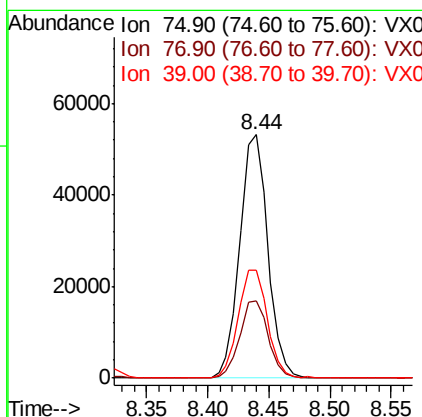
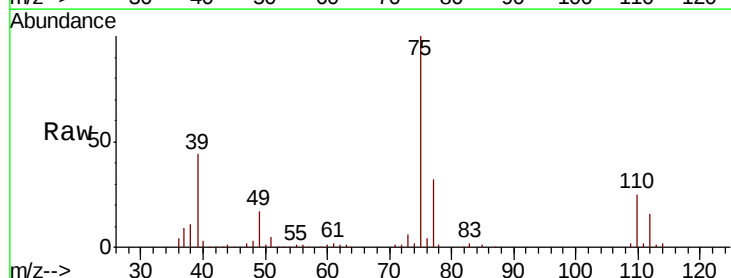
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

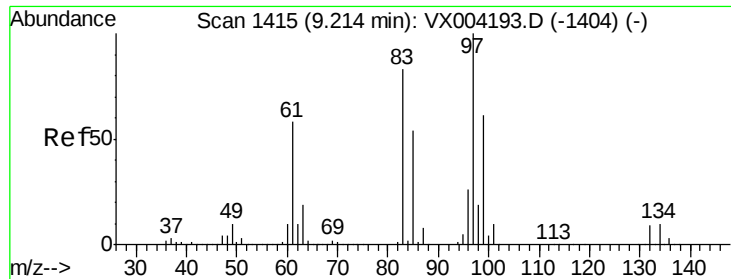
Tot Ion: 75 Resp: 77020
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.54 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion: 75 Resp: 84747
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.2
 39 44.1 36.4 54.6

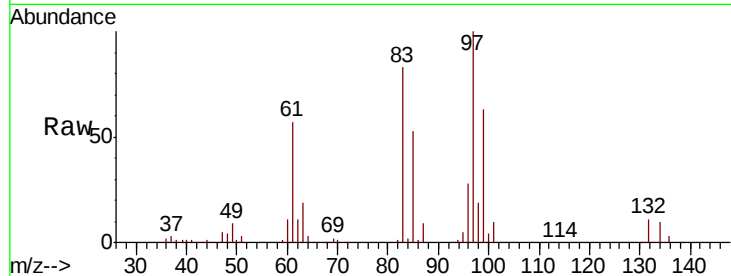




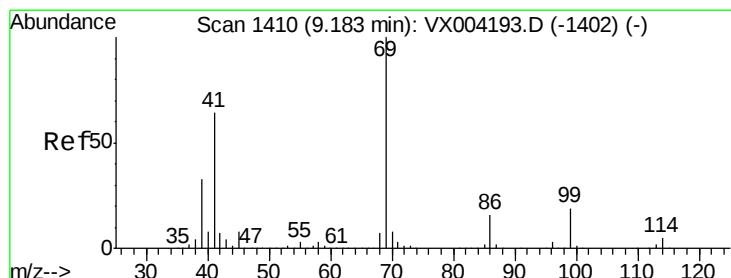
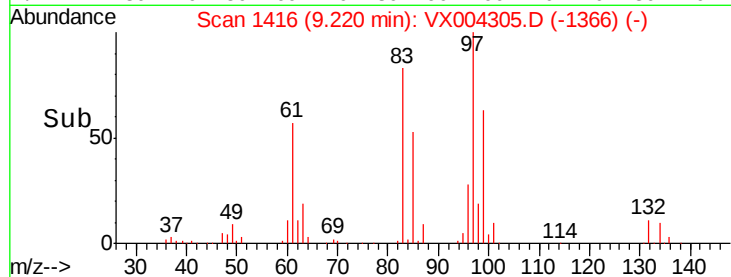
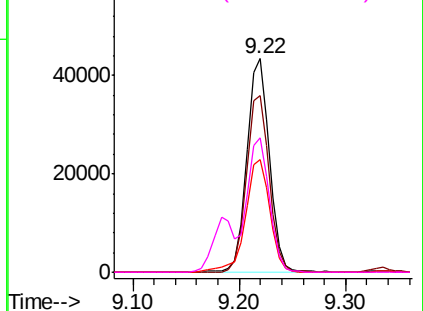
#55
 1,1,2-Trichloroethane
 Concen: 23.03 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

Tot Ion:	97	Resp:	64354
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.4	99.6
85	53.0	43.3	64.9
99	62.8	49.0	73.4

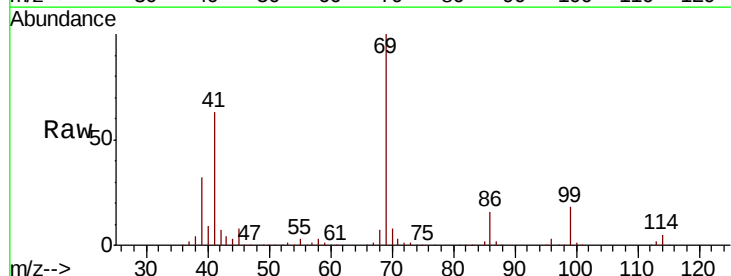


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

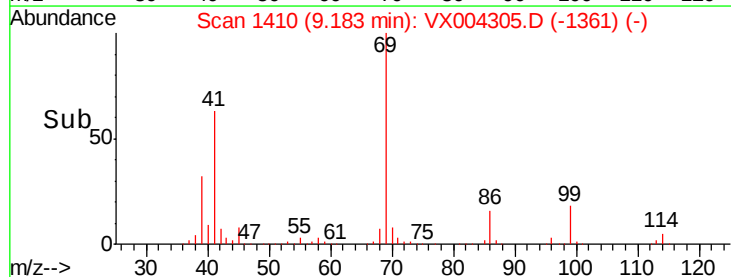
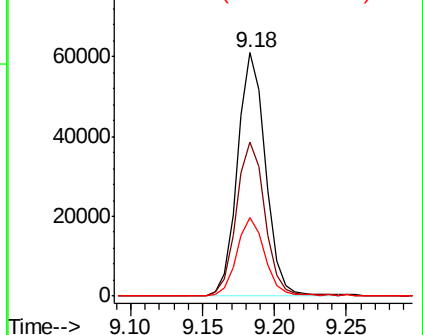


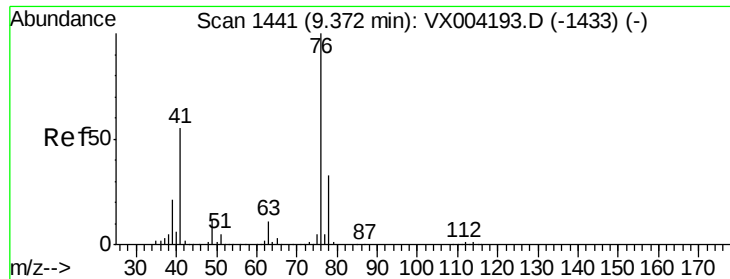
#56
 Ethyl methacrylate
 Concen: 21.78 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion:	69	Resp:	82874
Ion	Ratio	Lower	Upper
69	100		
41	64.8	51.0	76.4
39	32.3	26.1	39.1



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: 22.56 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

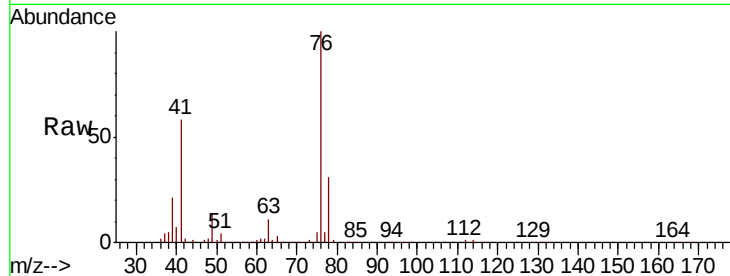
VX0829WBSD02

Tot Ion: 76 Resp: 106271

Ion Ratio Lower Upper

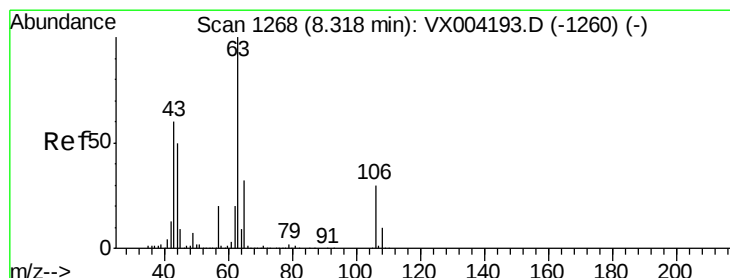
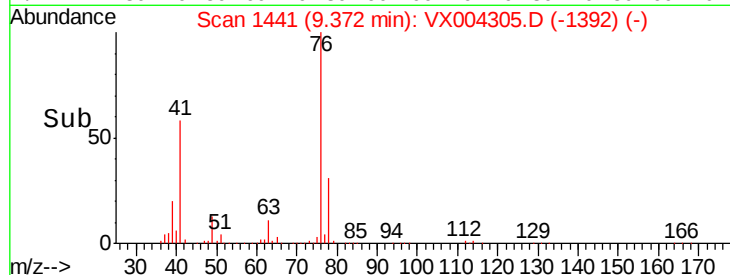
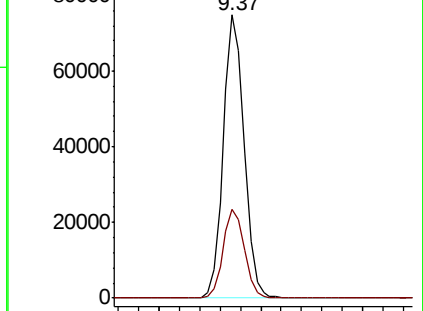
76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 115.61 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004305.D

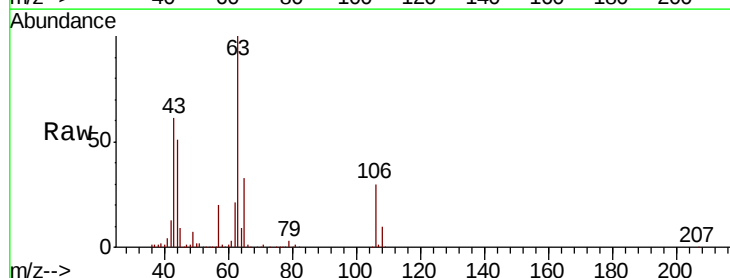
Acq: 29 Aug 2018 21:37

Tgt Ion: 63 Resp: 225383

Ion Ratio Lower Upper

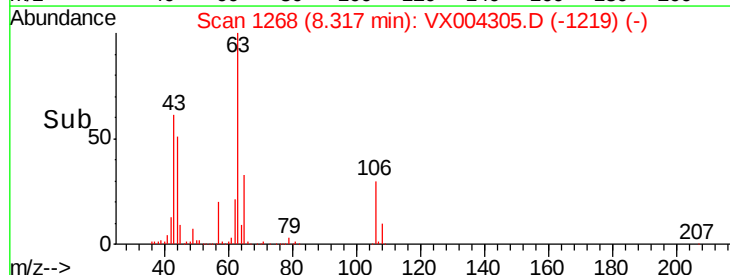
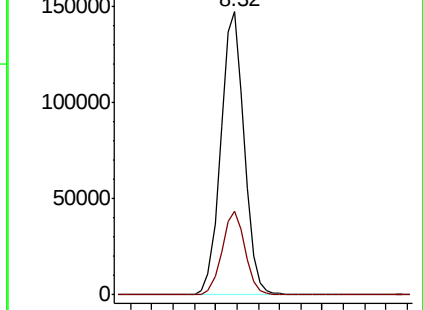
63 100

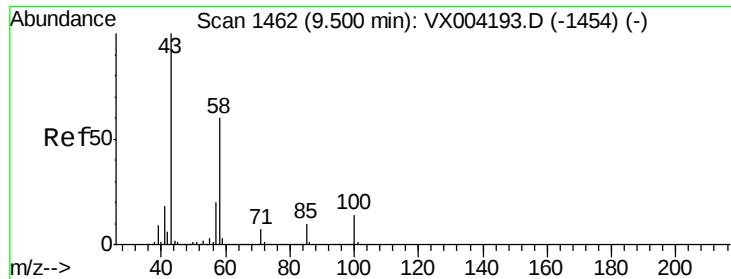
106 29.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

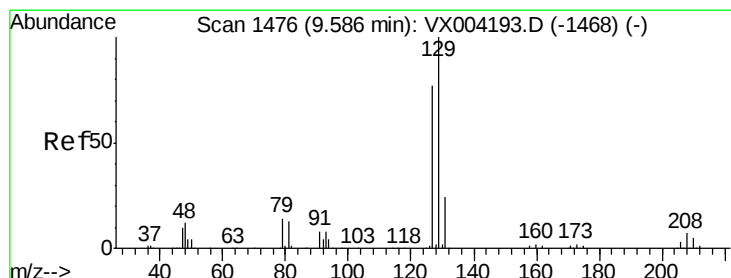
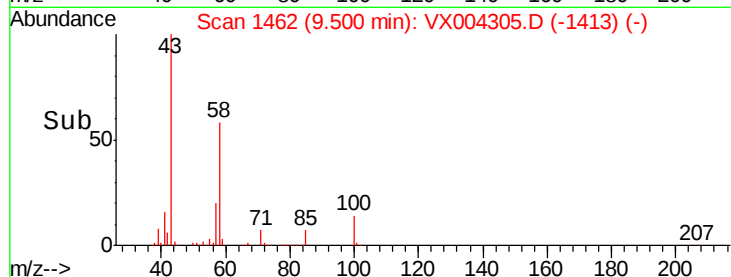
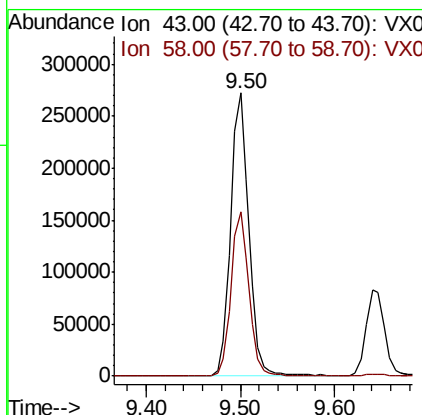
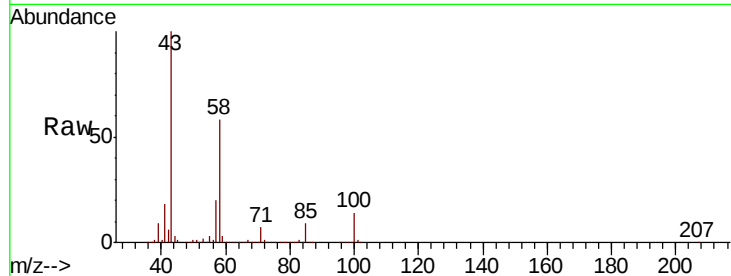




#59
2-Hexanone
Concen: 117.67 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

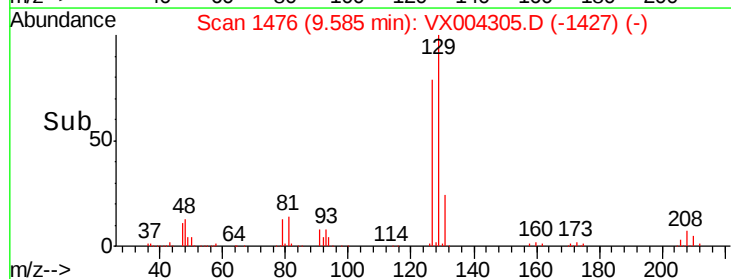
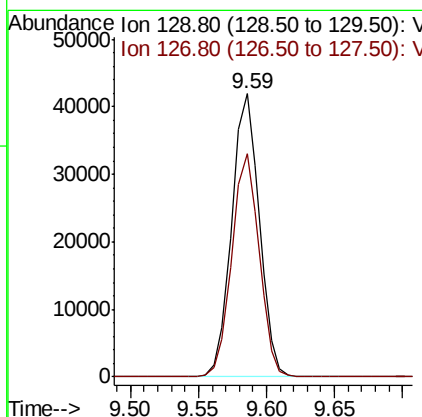
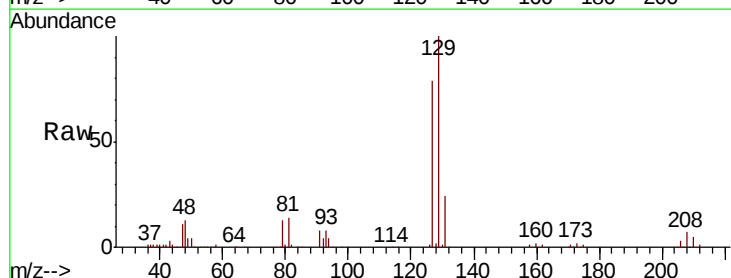
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

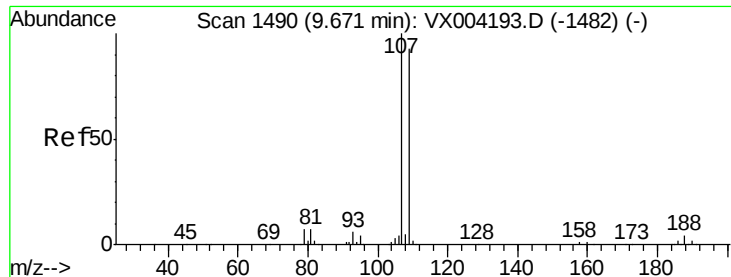
Tot Ion: 43 Resp: 364867
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0



#60
Dibromochloromethane
Concen: 21.80 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion: 129 Resp: 59369
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.99 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.01 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

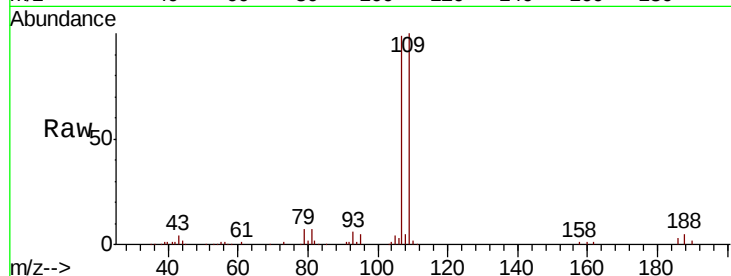
VX0829WBSD02

Tot Ion:107 Resp: 63594

Ion Ratio Lower Upper

107 100

109 97.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

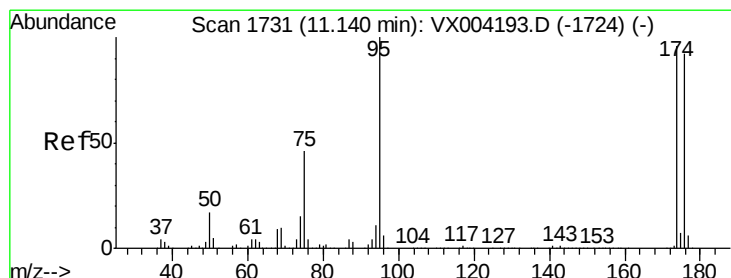
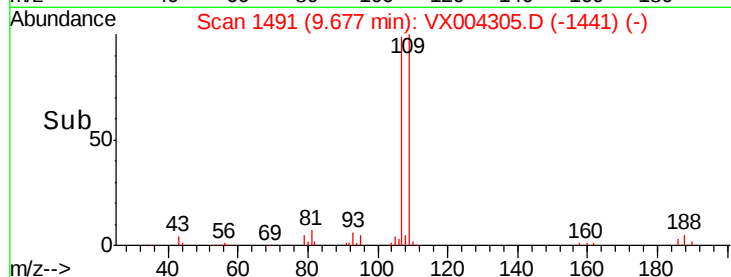
20000

10000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 53.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

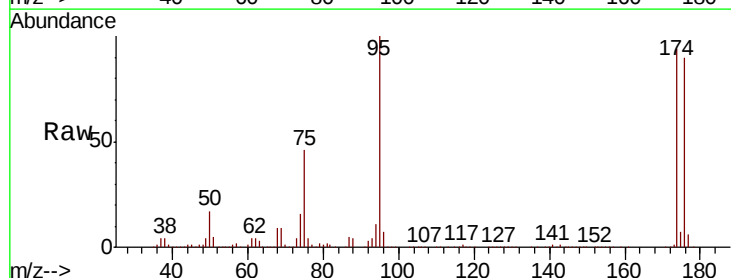
Tgt Ion: 95 Resp: 183198

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

176 89.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

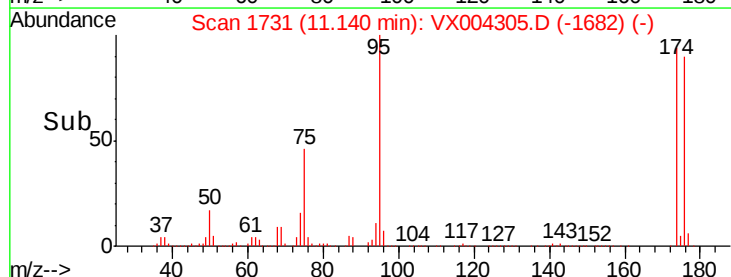
100000

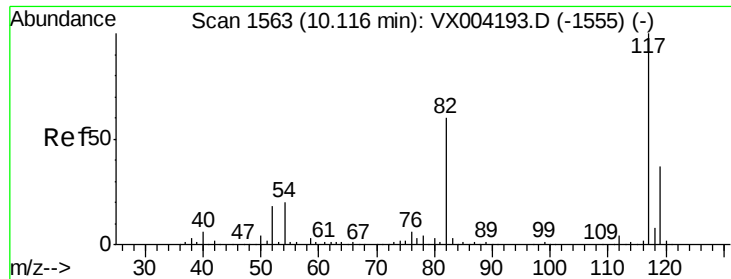
50000

0

11.10 11.20

Time-->

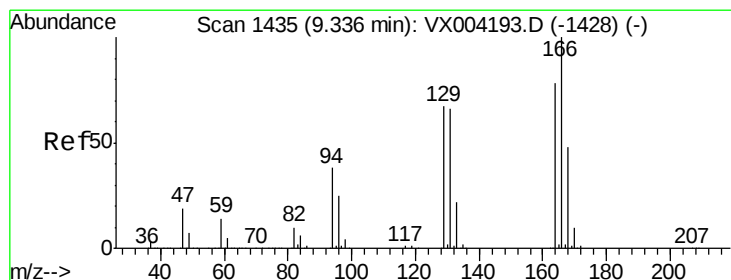
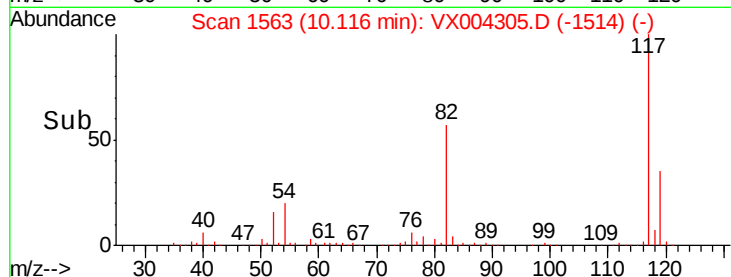
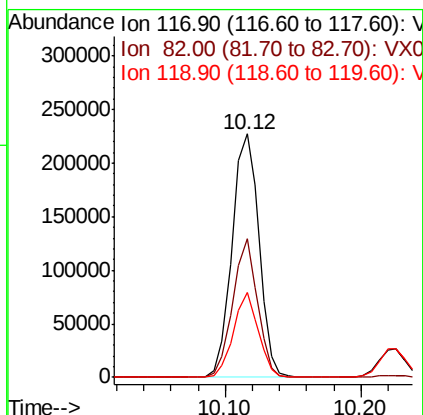
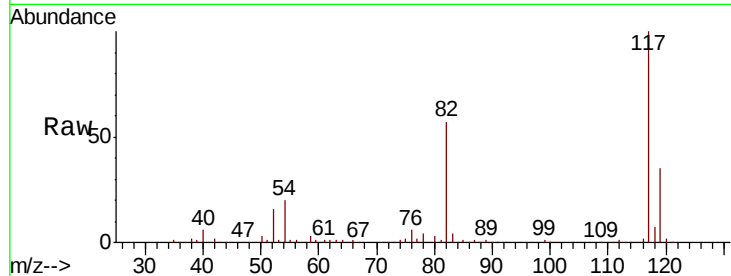




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

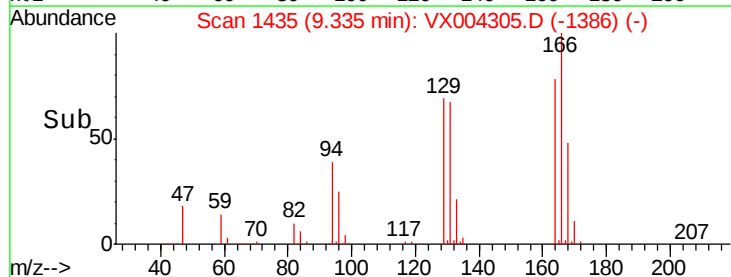
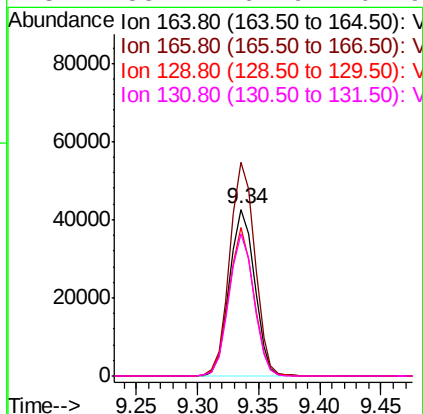
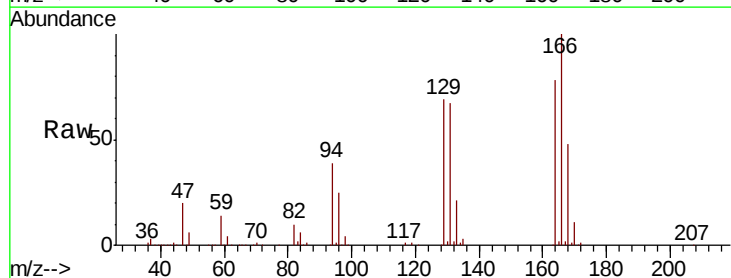
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

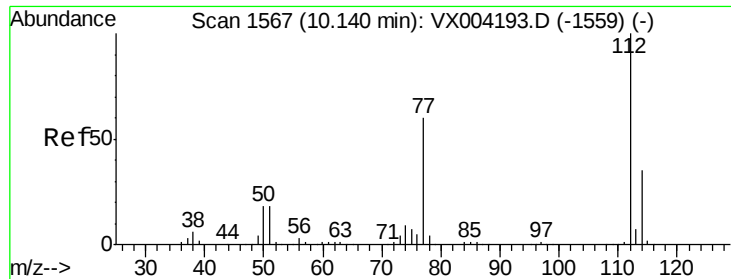
Tot Ion:117 Resp: 312399
Ion Ratio Lower Upper
117 100
82 56.8 47.8 71.6
119 34.7 29.3 43.9



#64
Tetrachloroethene
Concen: 19.63 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion:164 Resp: 60567
Ion Ratio Lower Upper
164 100
166 128.0 102.8 154.2
129 88.6 69.4 104.0
131 85.4 67.9 101.9

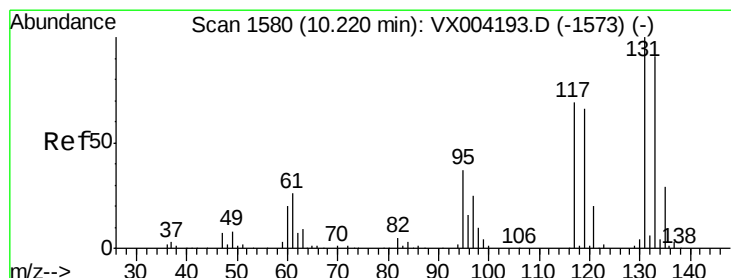
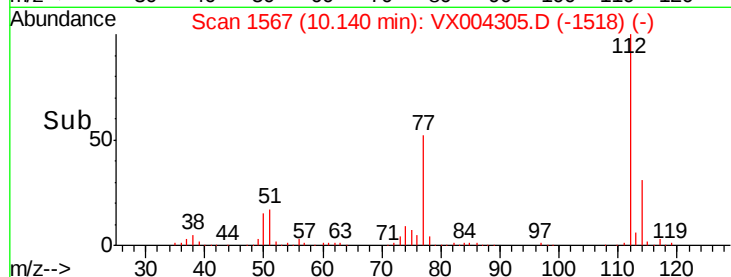
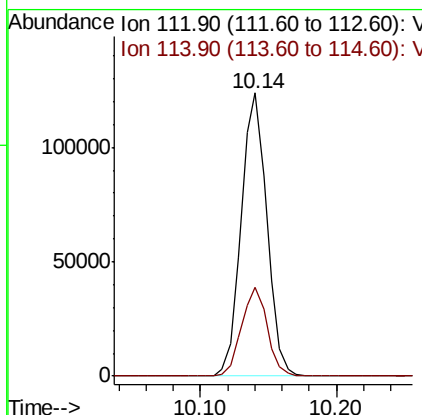
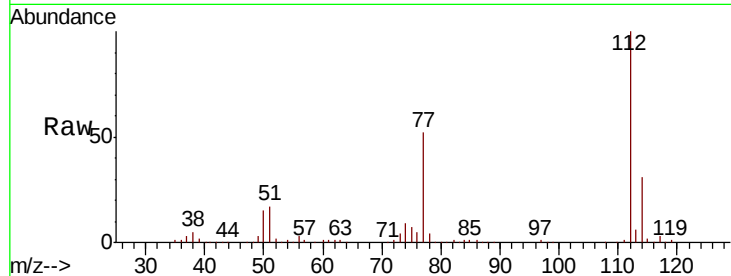




#65
Chlorobenzene
Concen: 20.82 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

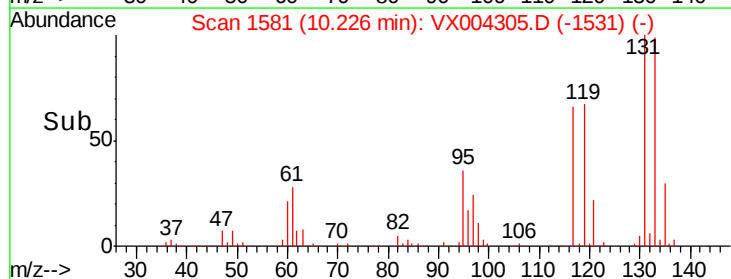
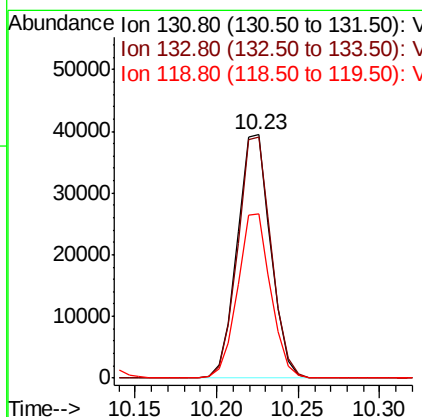
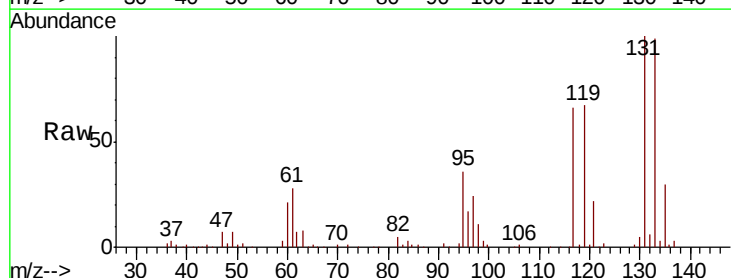
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

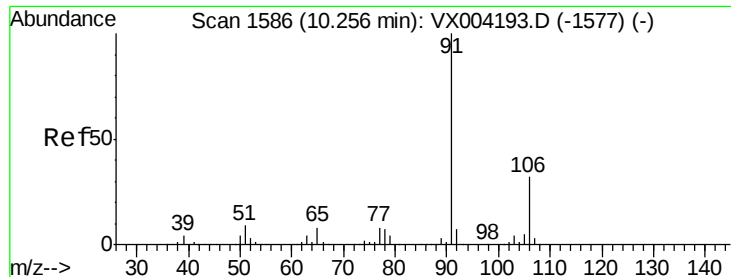
Tot Ion:112 Resp: 163273
Ion Ratio Lower Upper
112 100
114 31.2 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.75 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion:131 Resp: 56110
Ion Ratio Lower Upper
131 100
133 99.1 48.1 144.4
119 67.1 32.9 98.6





#67

Ethyl Benzene

Concen: 18.92 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

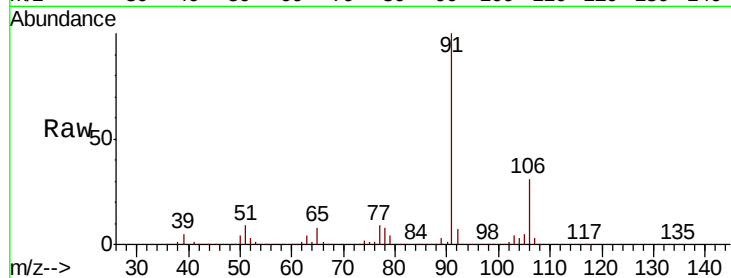
VX0829WBSD02

Tot Ion: 91 Resp: 240943

Ion Ratio Lower Upper

91 100

106 31.0 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

300000

200000

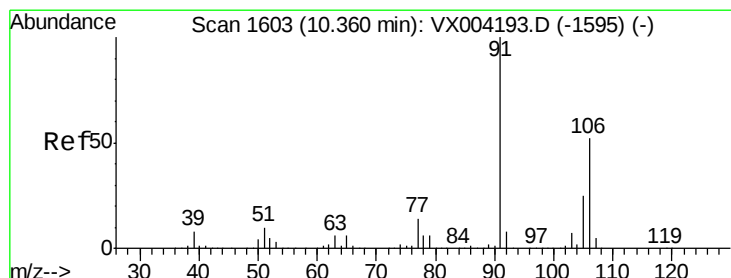
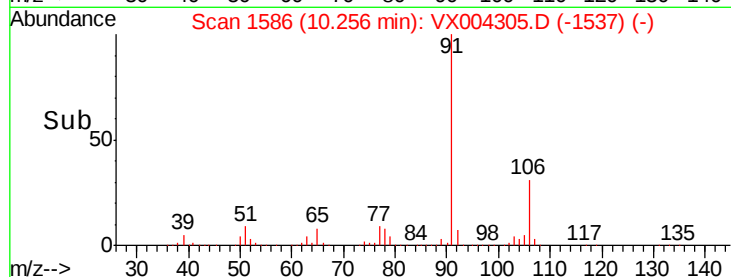
100000

0

10.26

10.30

Time-->



#68

m/p-Xylenes

Concen: 40.50 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004305.D

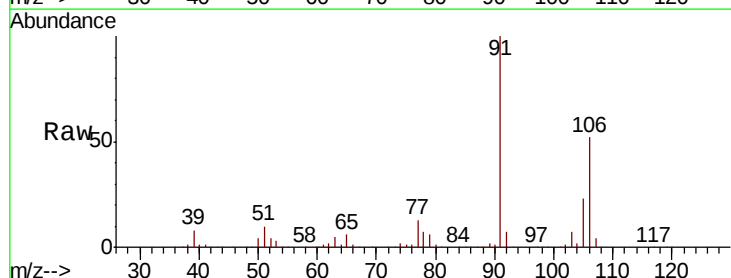
Acq: 29 Aug 2018 21:37

Tgt Ion:106 Resp: 201646

Ion Ratio Lower Upper

106 100

91 194.7 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

200000

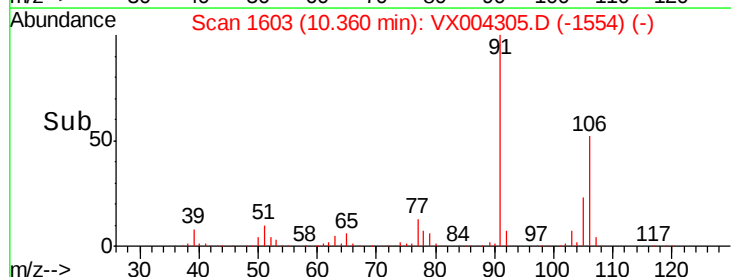
100000

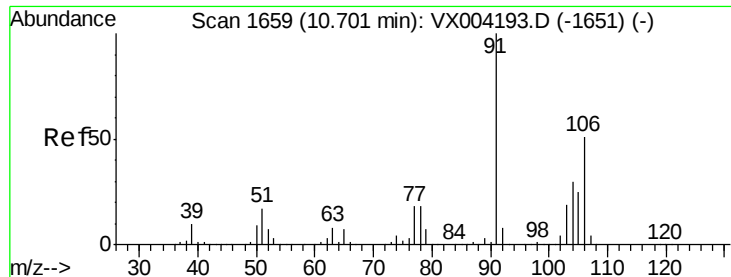
0

10.36

10.40

Time-->

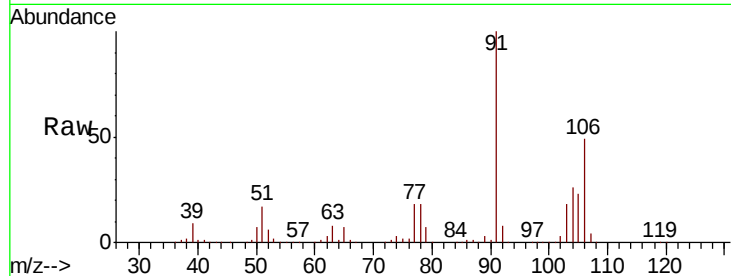




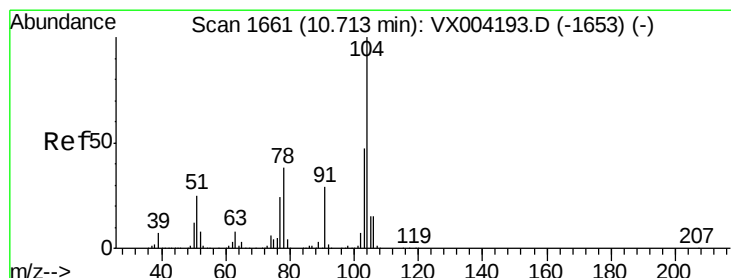
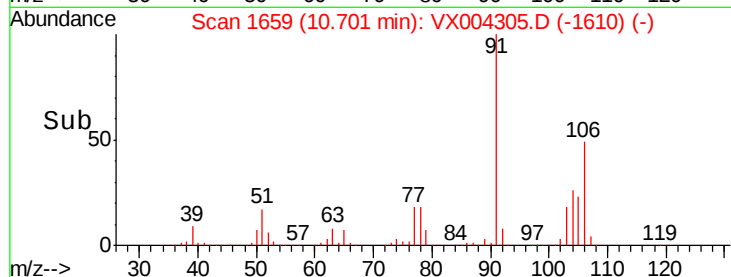
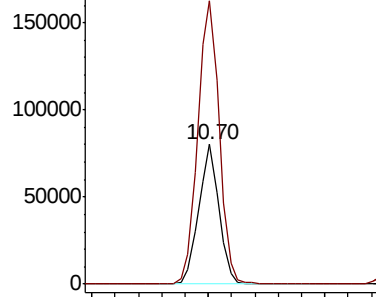
#69
o-Xylene
Concen: 20.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

Tot Ion:106 Resp: 96818
Ion Ratio Lower Upper
106 100
91 214.2 105.1 315.1

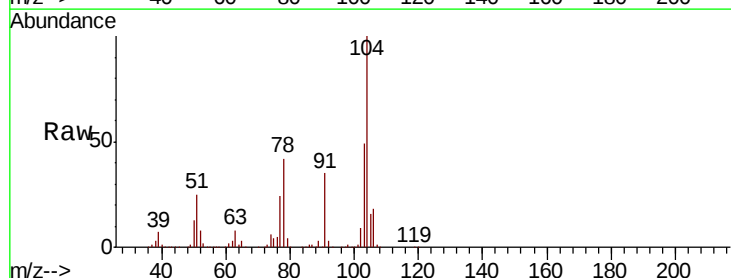


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

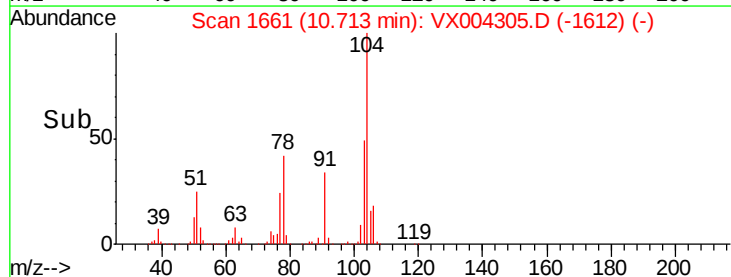
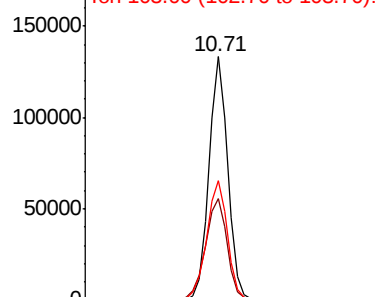


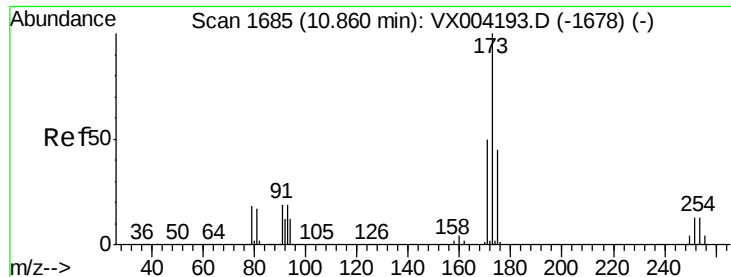
#70
Styrene
Concen: 21.87 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion:104 Resp: 166791
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 54.0 43.8 65.6



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





#71

Bromoform

Concen: 21.15 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

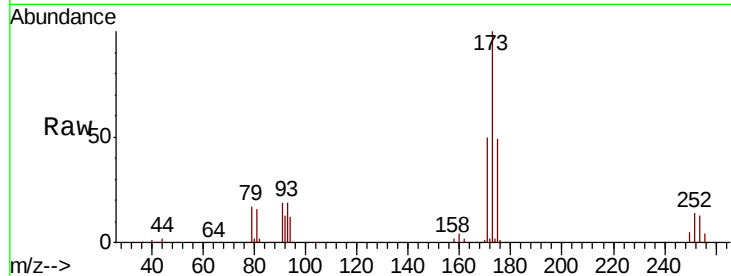
Tot Ion:173 Resp: 46107

Ion Ratio Lower Upper

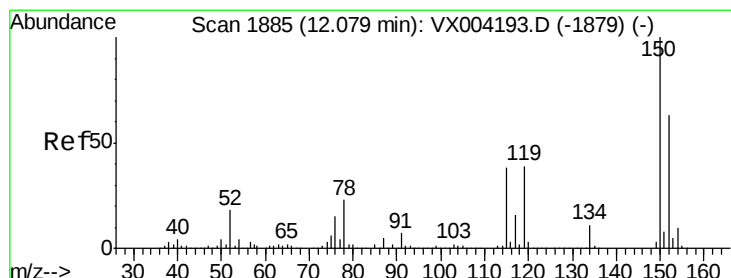
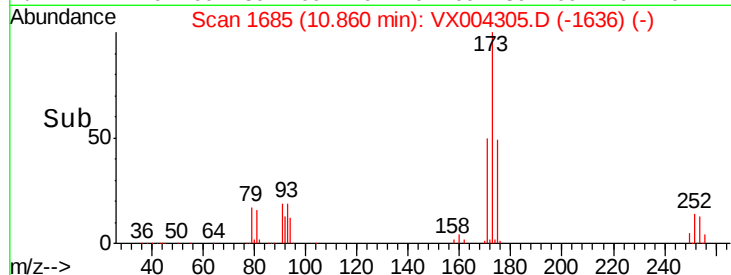
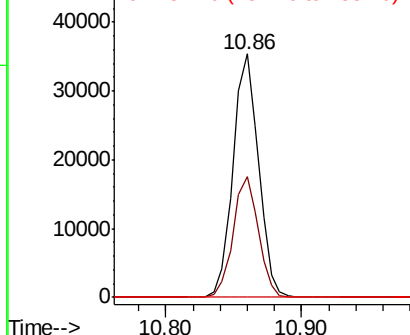
173 100

175 49.0 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

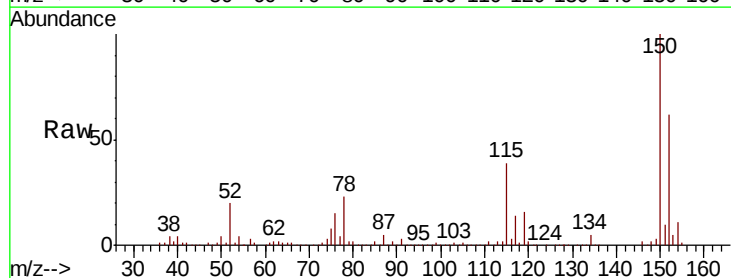
Tgt Ion:152 Resp: 182146

Ion Ratio Lower Upper

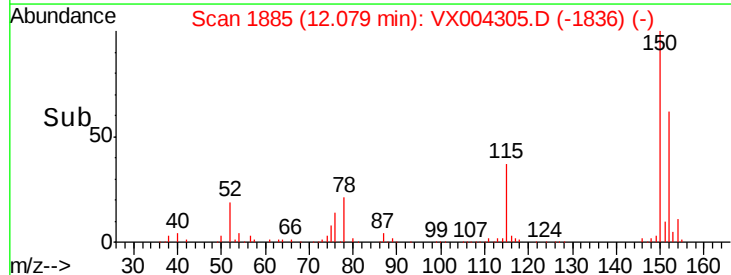
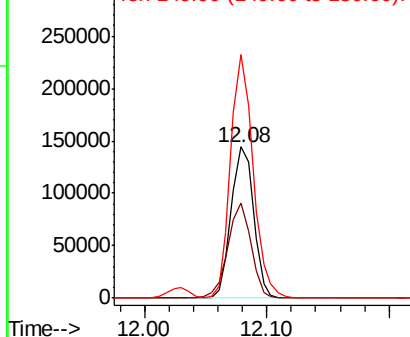
152 100

115 64.8 39.0 117.0

150 161.6 0.0 351.0



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: 21.02 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

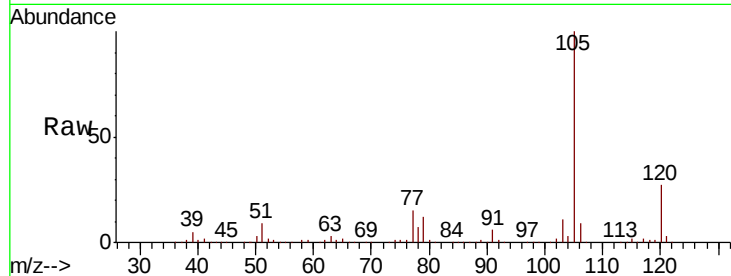
VX0829WBSD02

Tot Ion:105 Resp: 251433

Ion Ratio Lower Upper

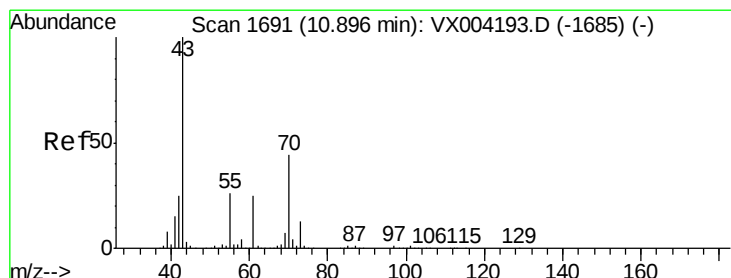
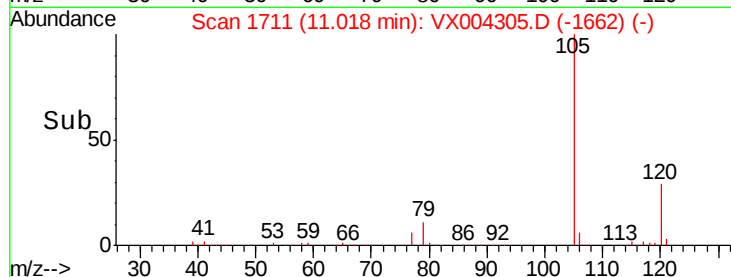
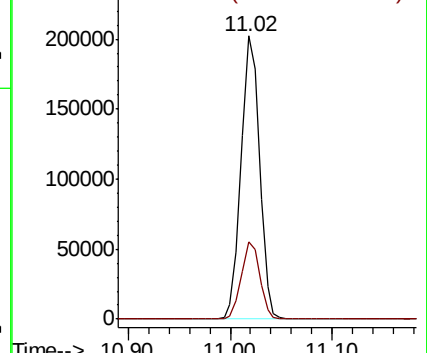
105 100

120 27.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.43 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Tgt Ion: 43 Resp: 103300

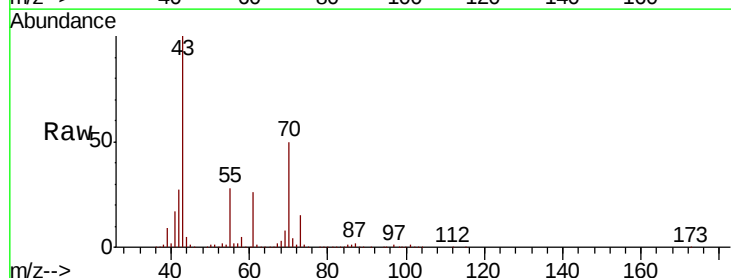
Ion Ratio Lower Upper

43 100

70 48.3 37.4 56.0

55 29.8 21.8 32.8

61 25.5 20.6 30.8

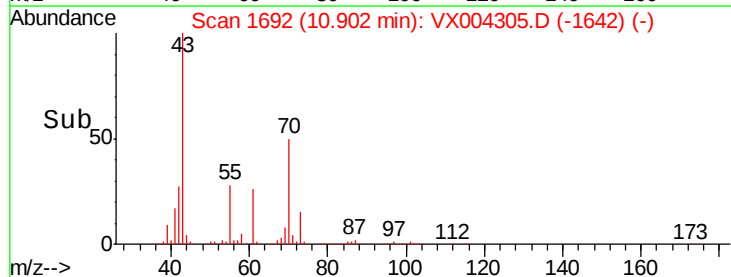
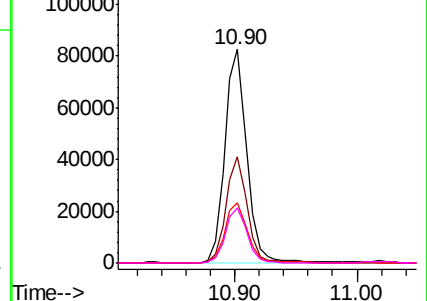


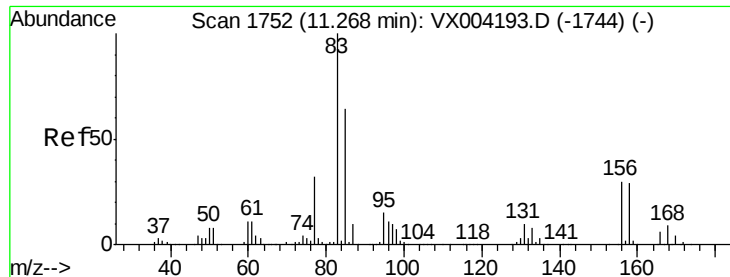
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 24.09 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

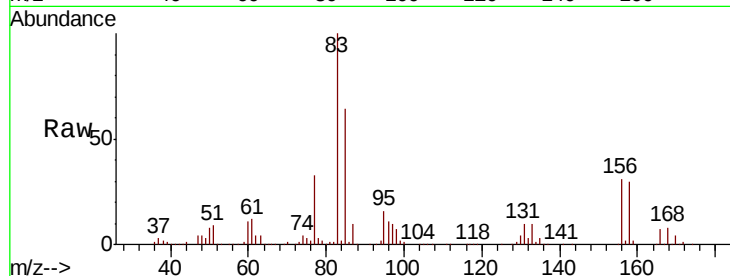
Tot Ion: 83 Resp: 100864

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

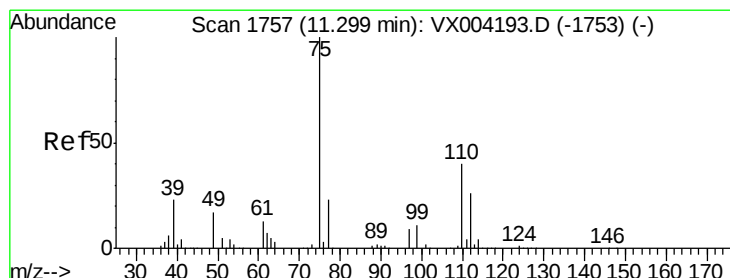
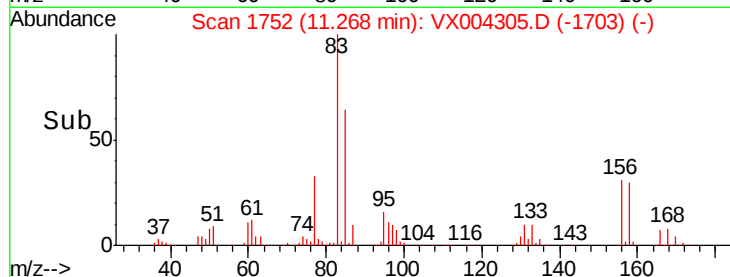
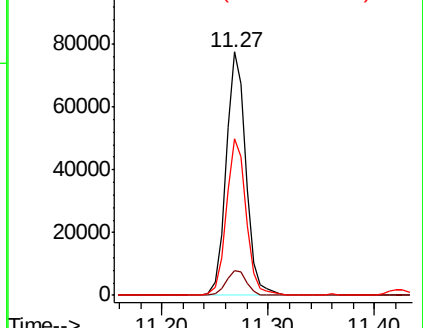
85 64.5 32.3 96.8



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: 29.56 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004305.D

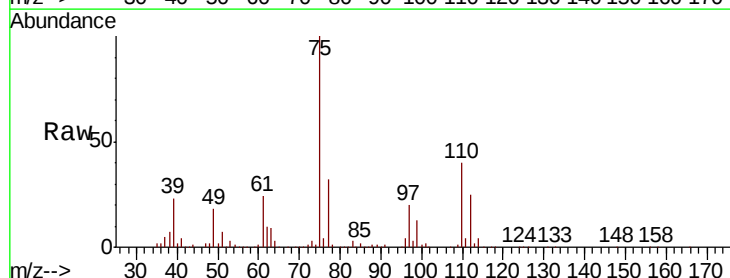
Acq: 29 Aug 2018 21:37

Tgt Ion: 75 Resp: 109515

Ion Ratio Lower Upper

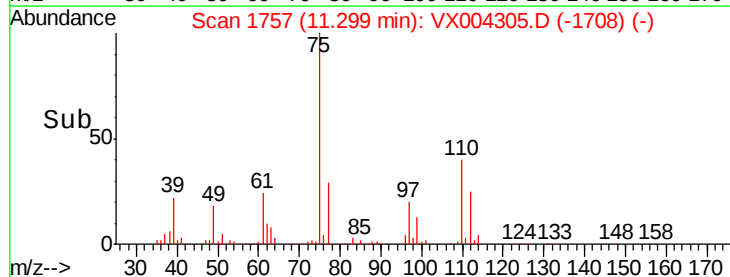
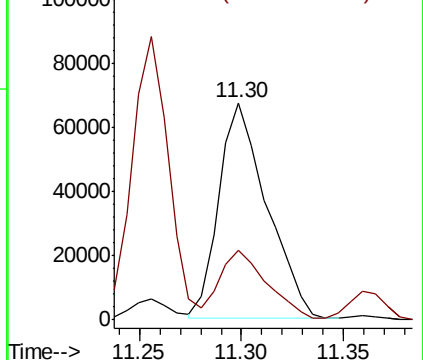
75 100

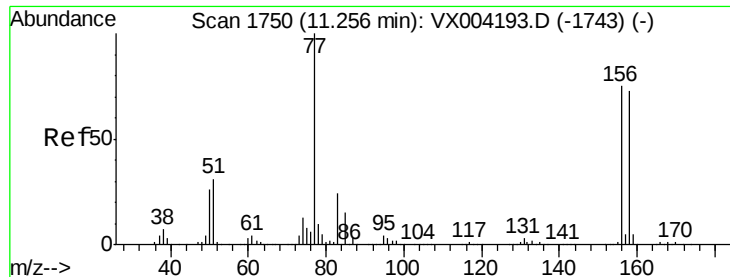
77 32.1 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.43 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

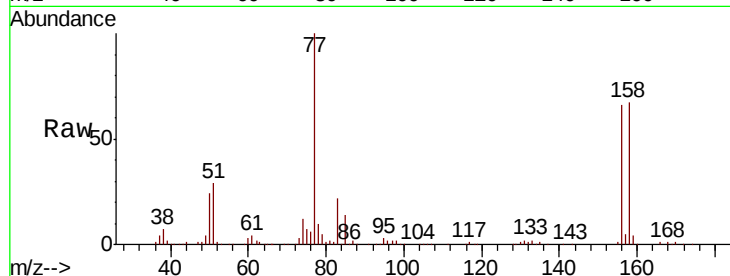
Tot Ion:156 Resp: 75257

Ion Ratio Lower Upper

156 100

77 147.1 71.5 214.3

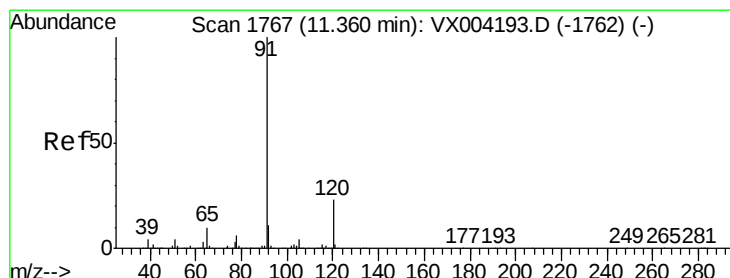
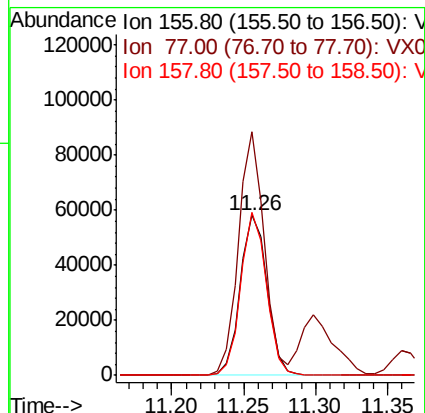
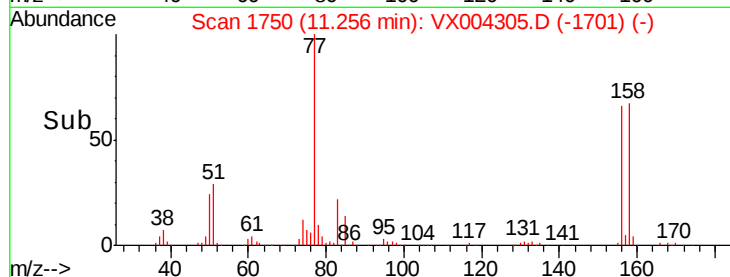
158 98.2 48.9 146.8



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: 20.42 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004305.D

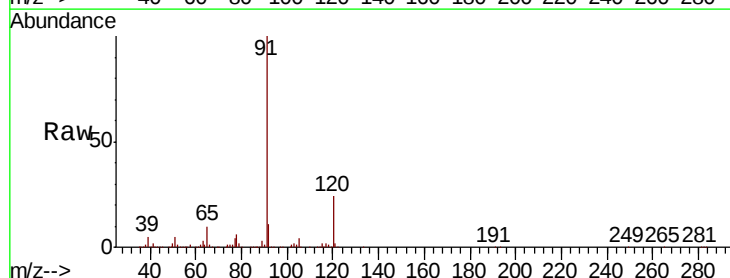
Acq: 29 Aug 2018 21:37

Tgt Ion: 91 Resp: 280998

Ion Ratio Lower Upper

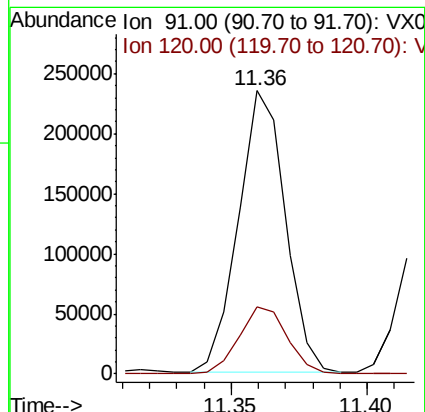
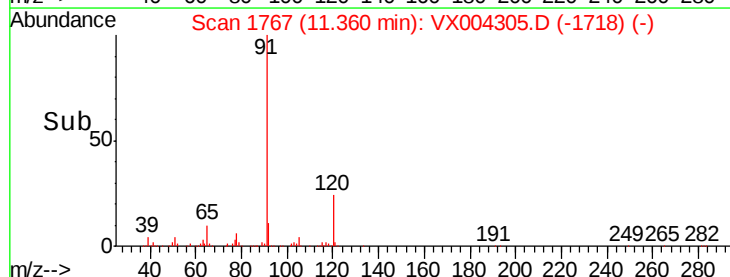
91 100

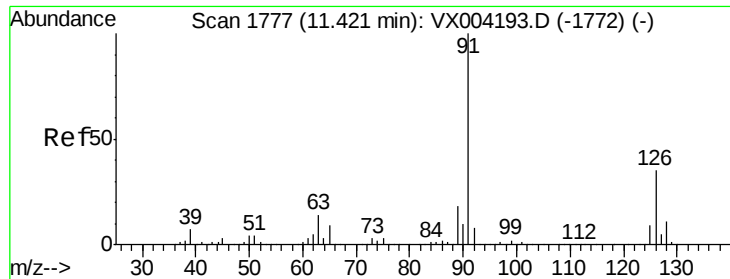
120 24.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.99 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

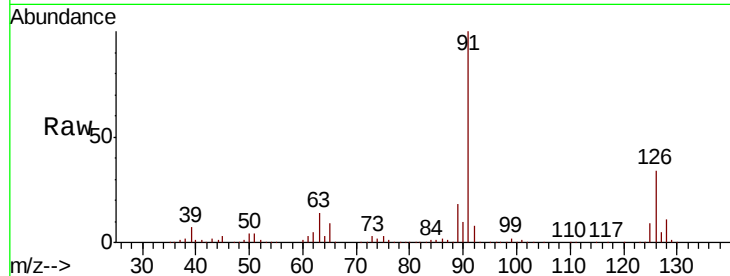
VX0829WBSD02

Tot Ion: 91 Resp: 186216

Ion Ratio Lower Upper

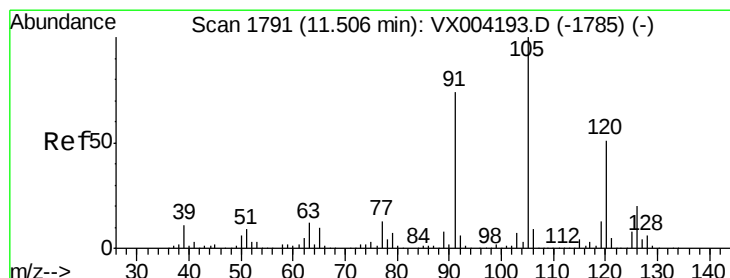
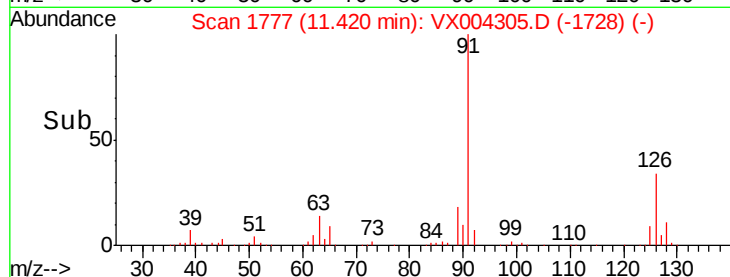
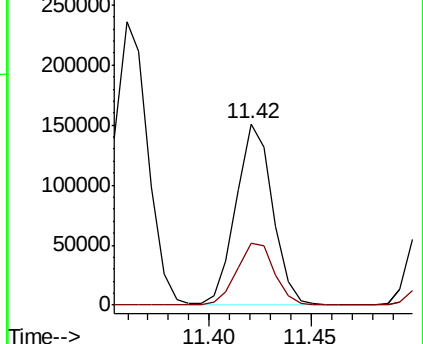
91 100

126 35.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX004193.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.65 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004305.D

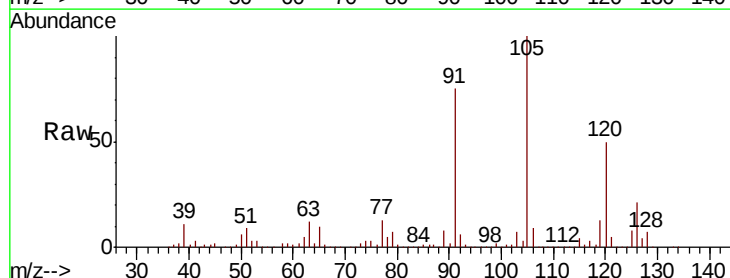
Acq: 29 Aug 2018 21:37

Tgt Ion: 105 Resp: 214471

Ion Ratio Lower Upper

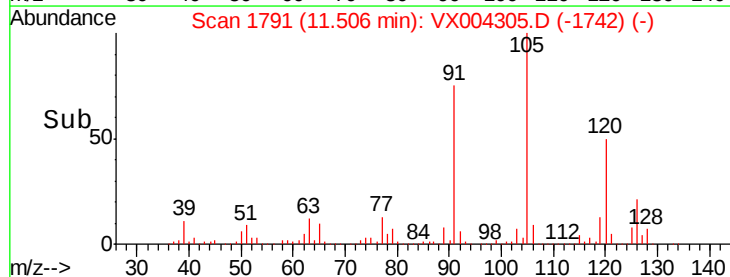
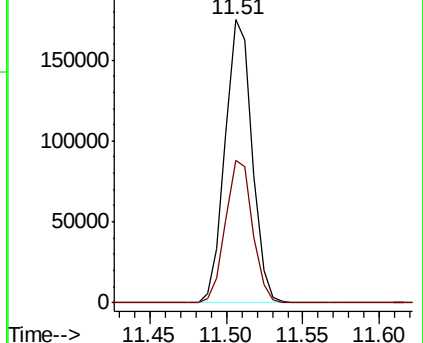
105 100

120 50.7 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004193.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX004193.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.05 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

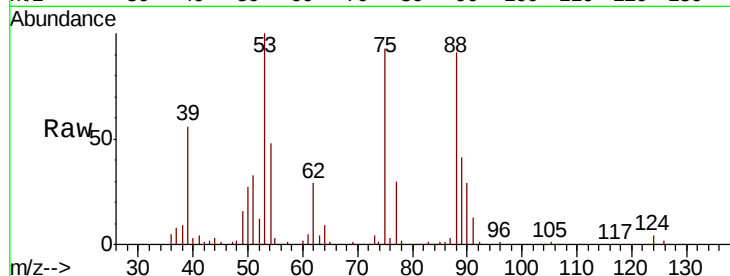
Tot Ion: 75 Resp: 22894

Ion Ratio Lower Upper

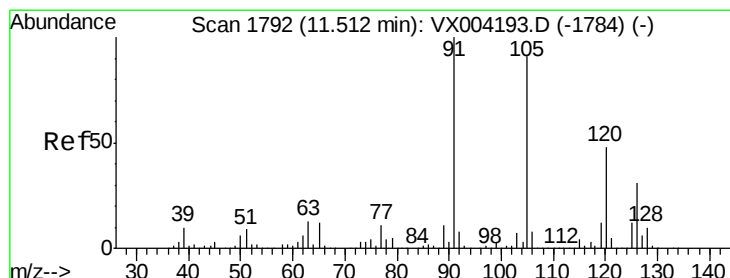
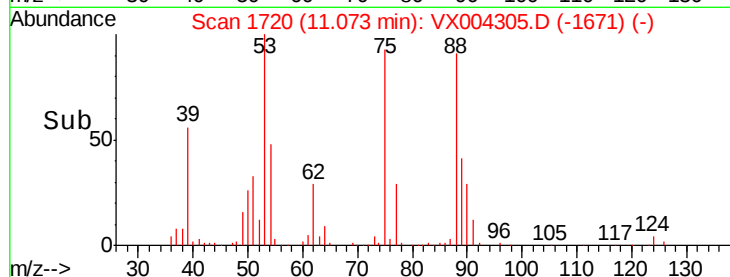
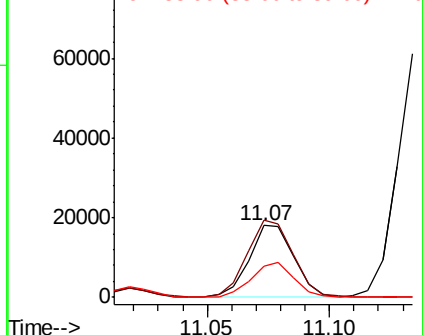
75 100

53 109.4 80.1 120.1

89 47.2 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.71 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004305.D

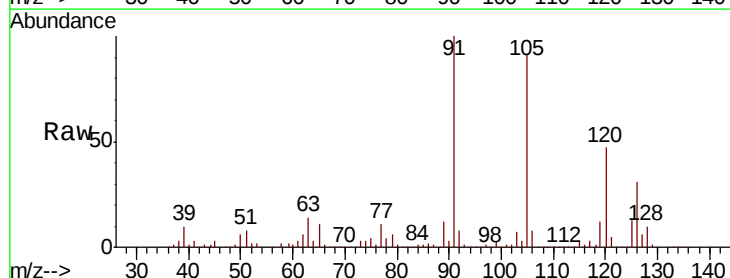
Acq: 29 Aug 2018 21:37

Tgt Ion: 91 Resp: 216379

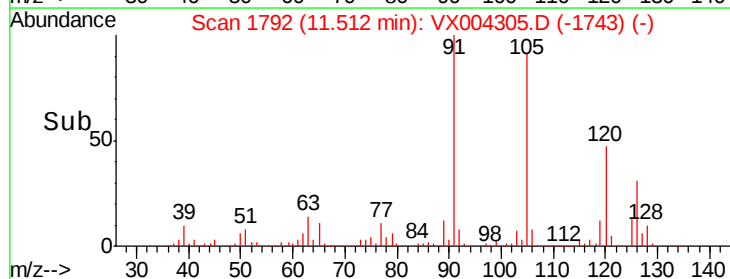
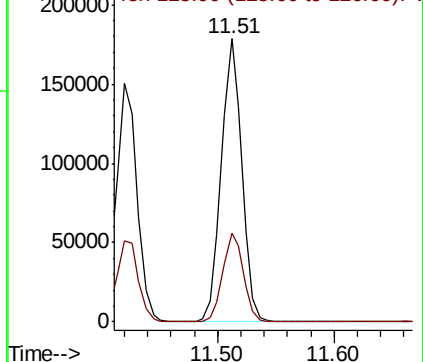
Ion Ratio Lower Upper

91 100

126 31.9 15.5 46.5



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

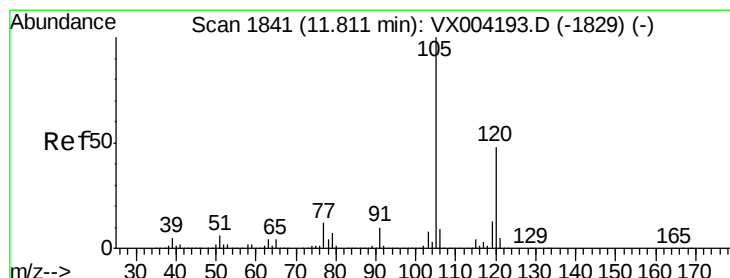
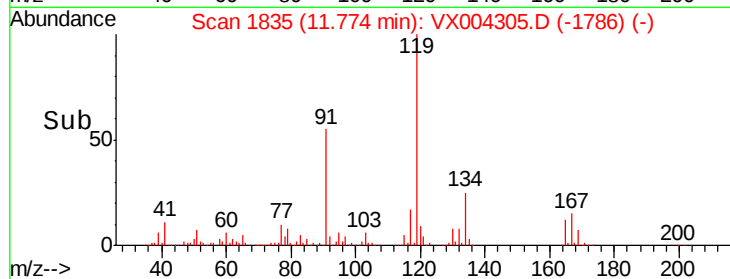
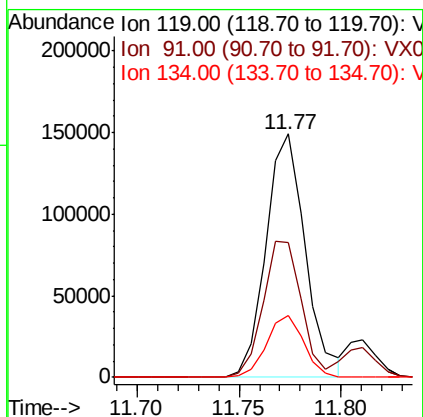
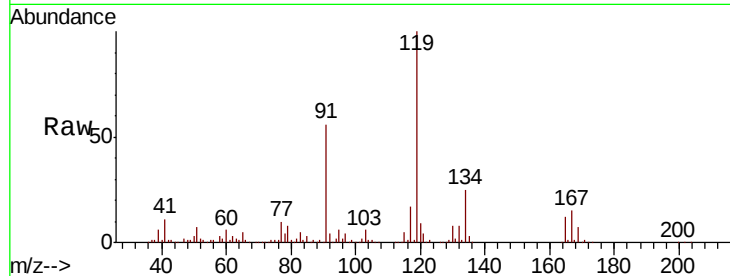




#83
 tert-Butylbenzene
 Concen: 20.09 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

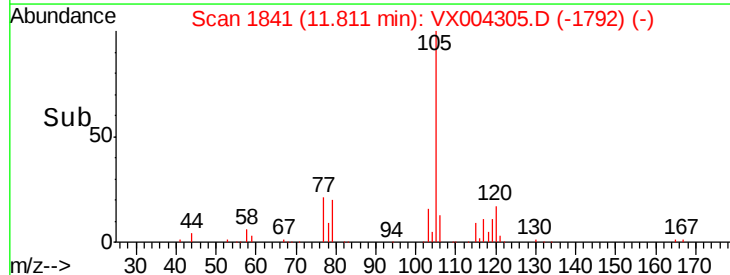
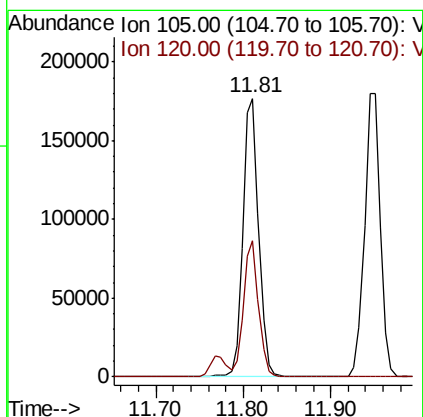
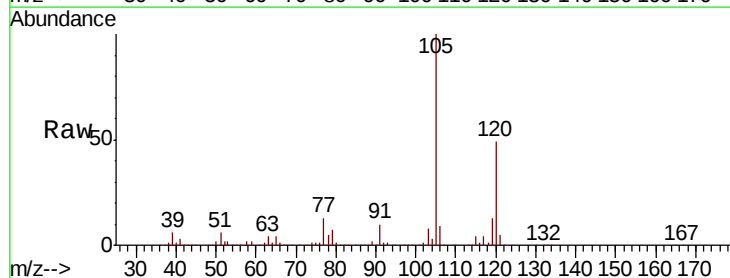
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

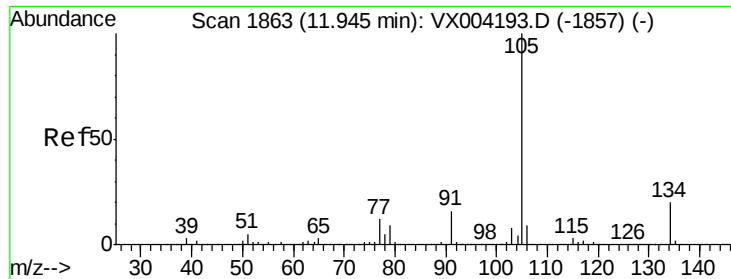
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.6	27.0	81.0
134	24.5	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.80 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.24 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

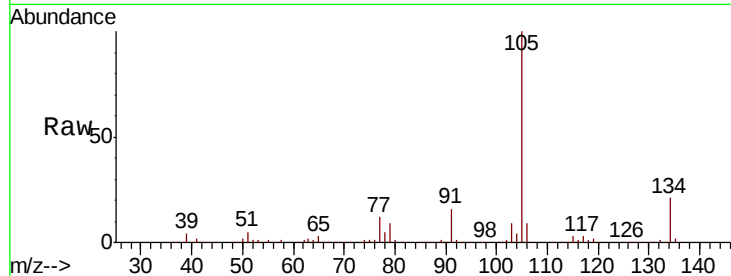
VX0829WBSD02

Tot Ion:105 Resp: 227675

Ion Ratio Lower Upper

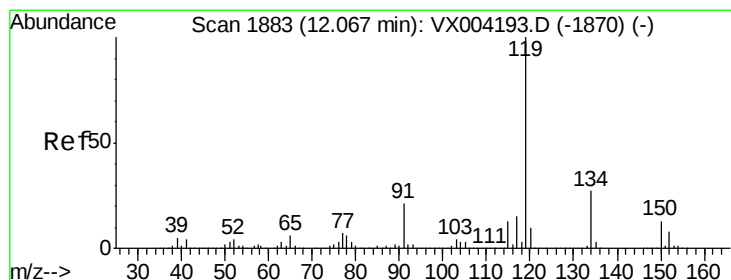
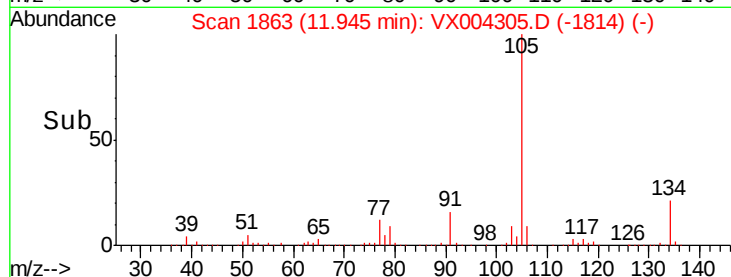
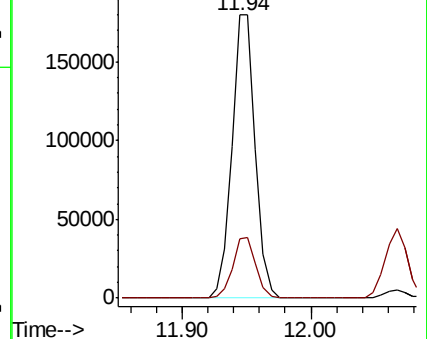
105 100

134 21.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.69 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

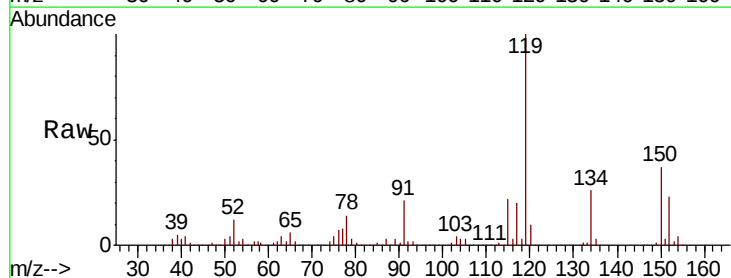
Tgt Ion:119 Resp: 198257

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

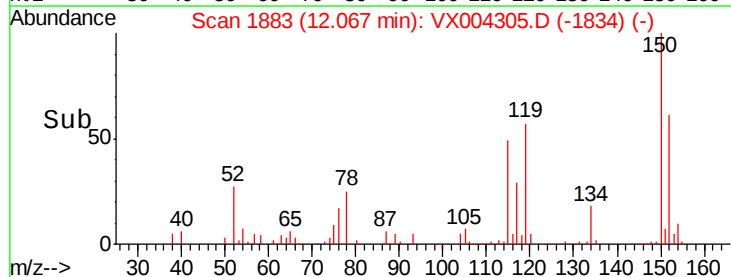
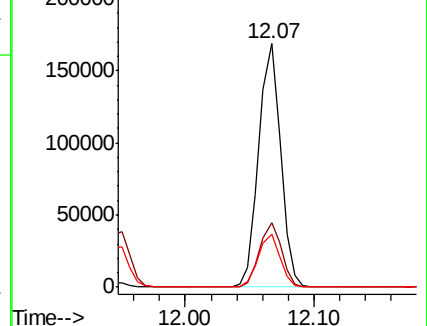
91 21.6 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

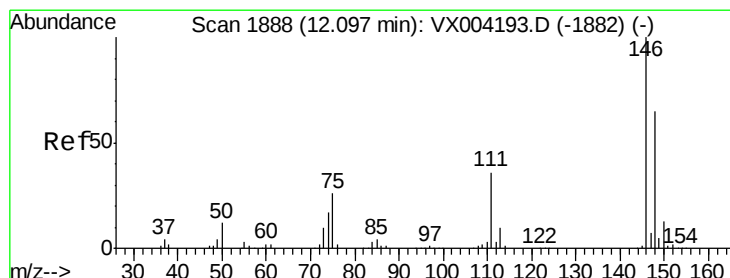
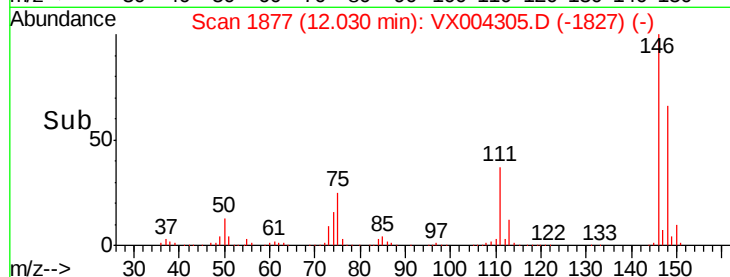
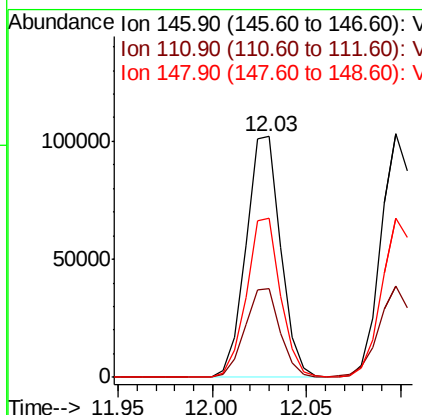
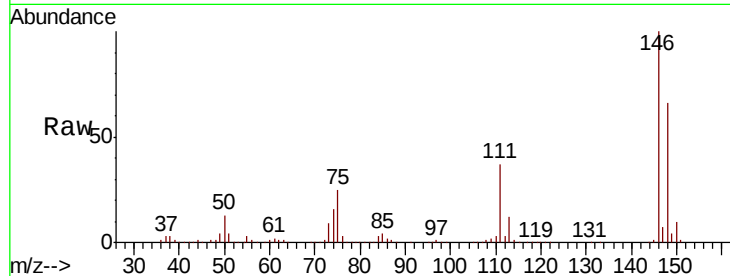




#87
 1,3-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

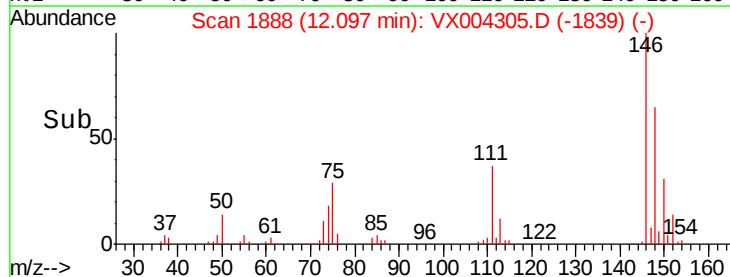
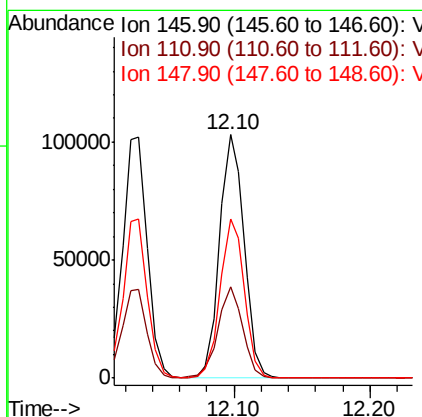
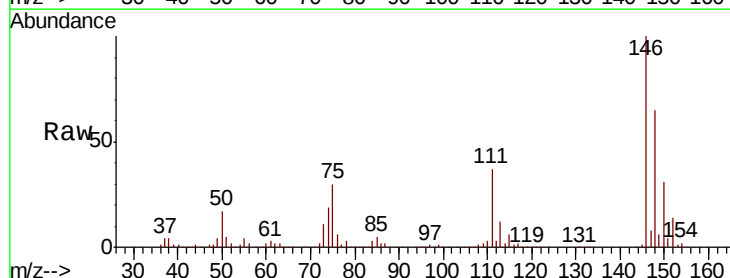
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

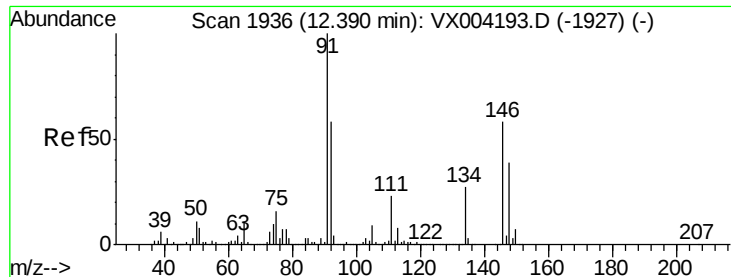
Tot Ion:146 Resp: 130765
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.36 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion:146 Resp: 128963
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.1 54.1
 148 64.6 32.0 96.0

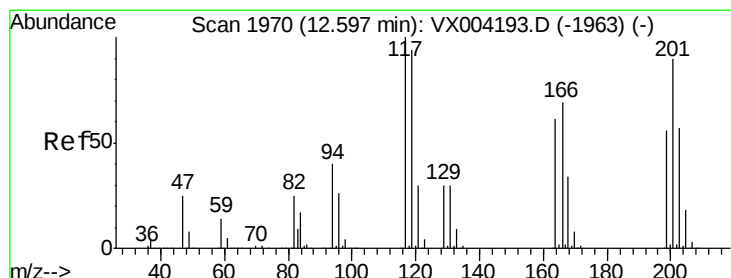
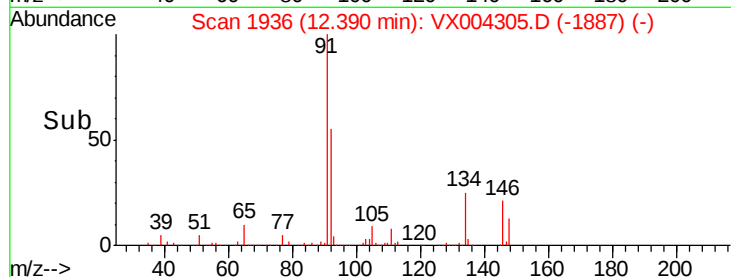
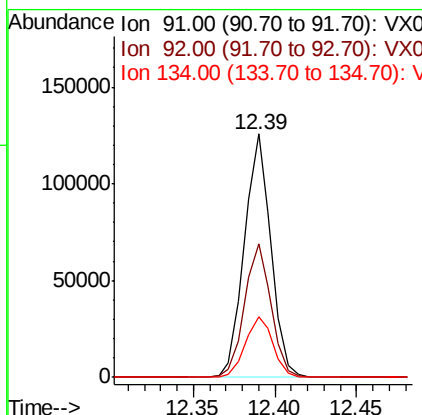
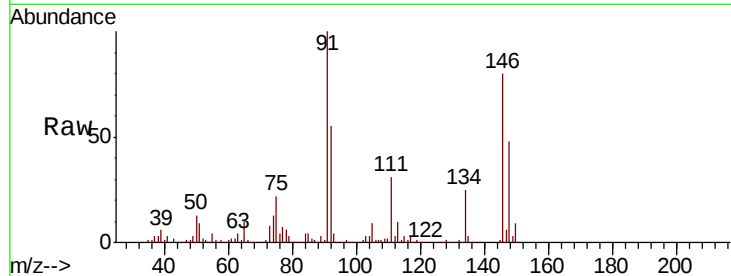




#89
n-Butylbenzene
Concen: 16.61 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

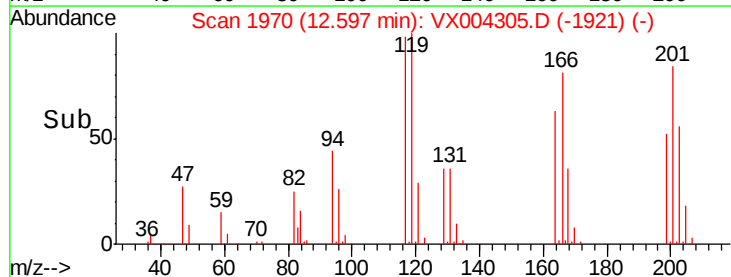
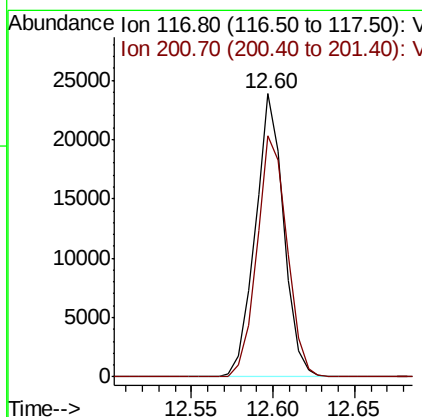
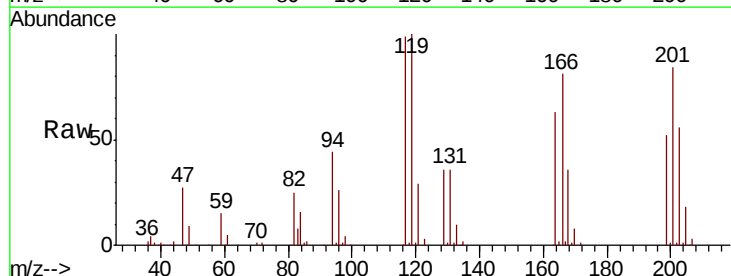
Instrument :
MSVOA_X
ClientSampled :
VX0829WBSD02

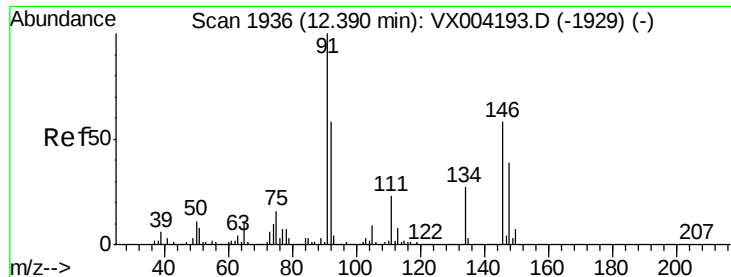
Tot Ion: 91 Resp: 143244
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.9
134 25.9 13.6 40.7



#90
Hexachloroethane
Concen: 19.39 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion: 117 Resp: 28749
Ion Ratio Lower Upper
117 100
201 90.0 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 21.64 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD02

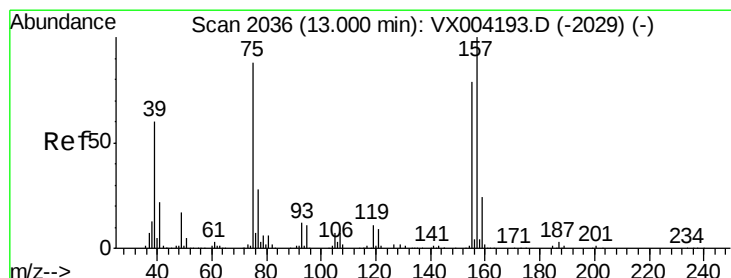
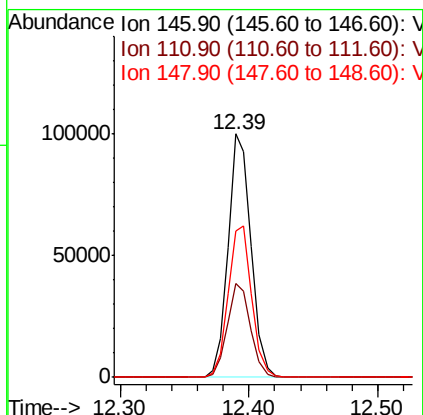
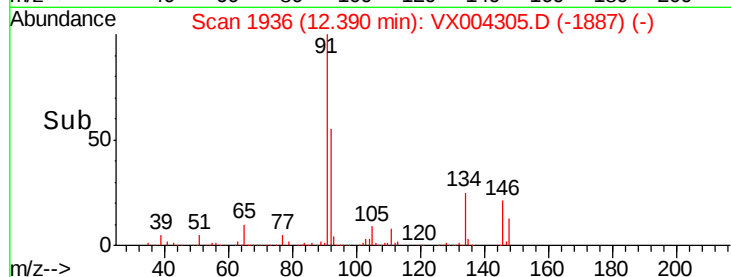
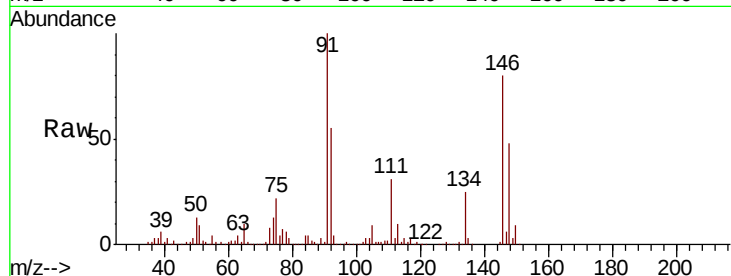
Tot Ion:146 Resp: 124967

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.1

148 63.8 32.8 98.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.77 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004305.D

Acq: 29 Aug 2018 21:37

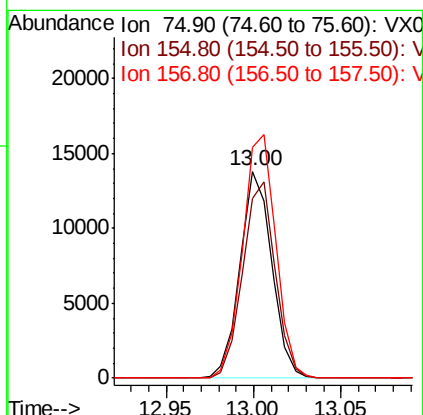
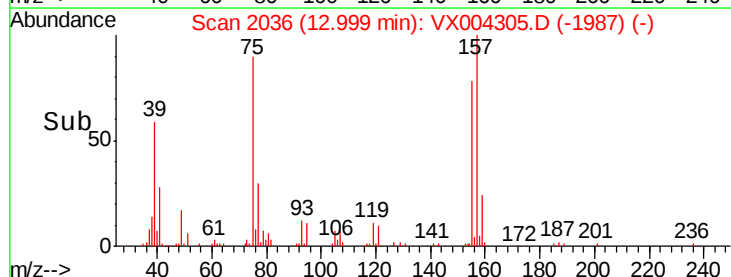
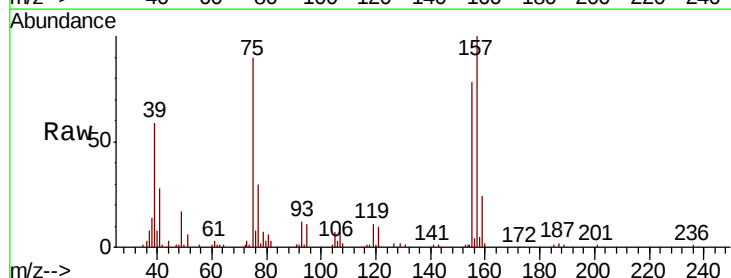
Tgt Ion: 75 Resp: 17528

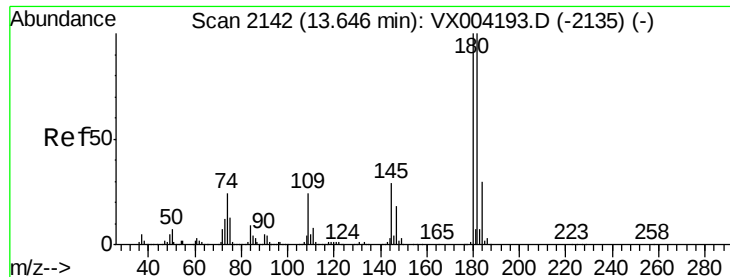
Ion Ratio Lower Upper

75 100

155 96.4 48.0 144.2

157 122.1 61.4 184.1

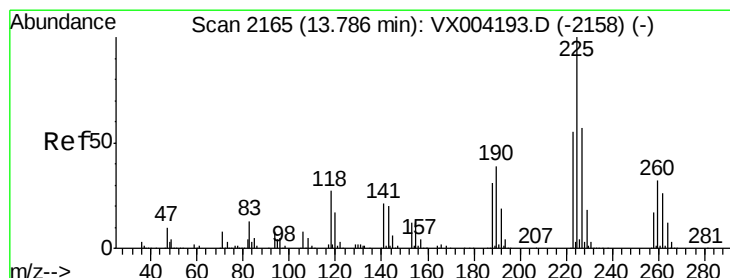
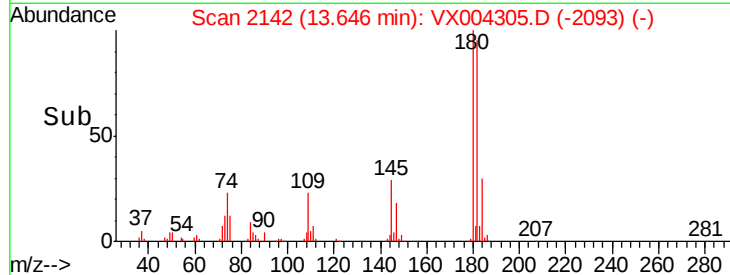
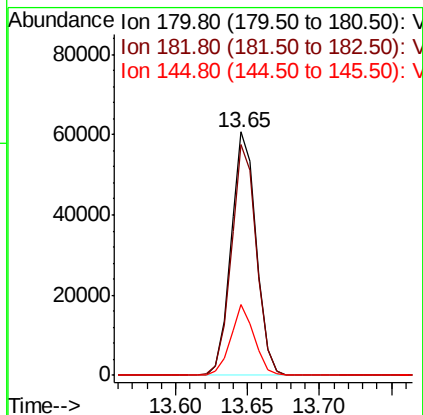
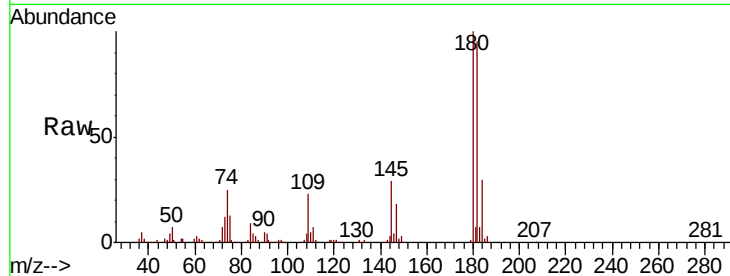




#93
 1,2,4-Trichlorobenzene
 Concen: 17.62 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

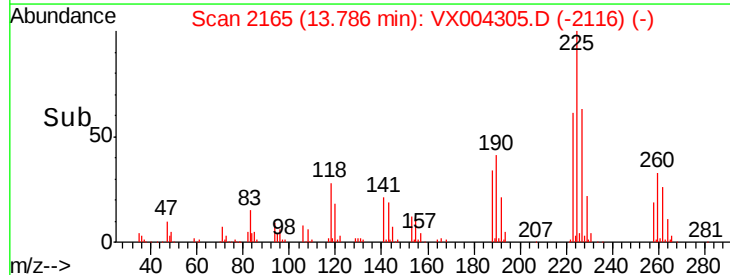
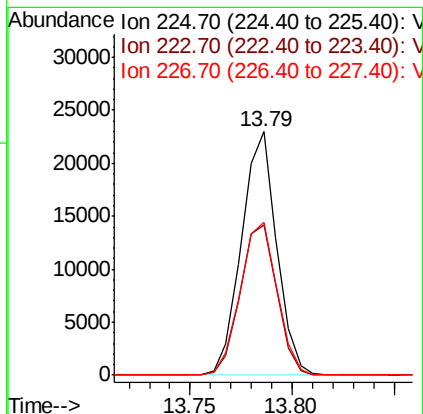
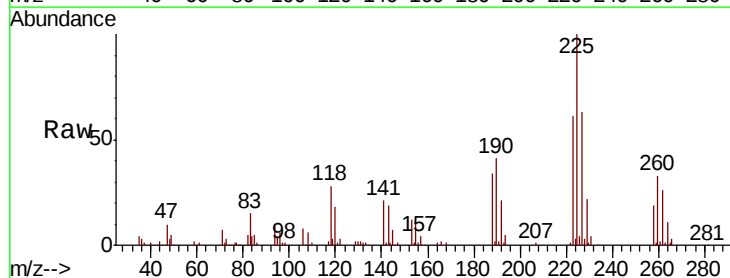
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

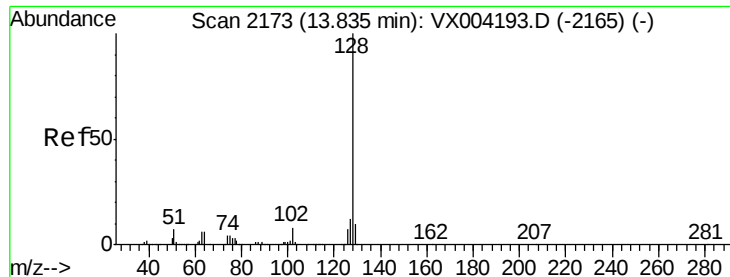
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.0
145	27.5	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 13.98 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004305.D
 Acq: 29 Aug 2018 21:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	30.1	90.5
227	65.6	30.8	92.4

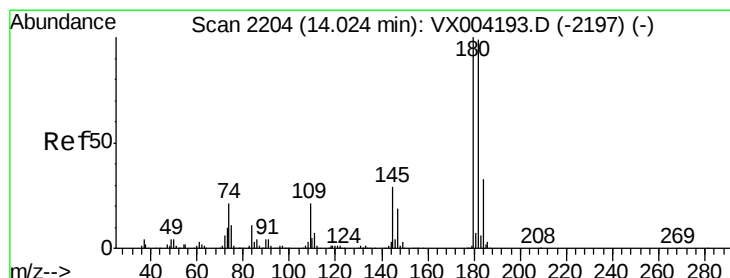
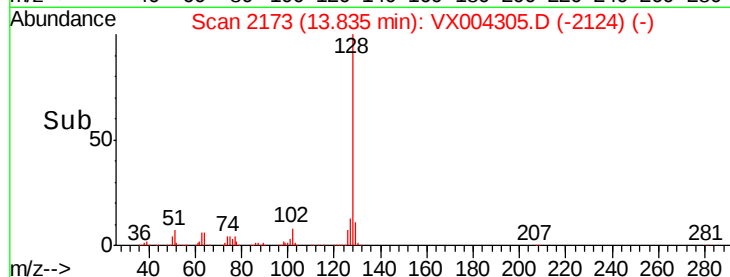
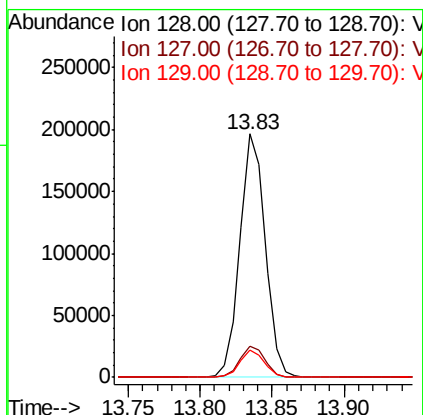
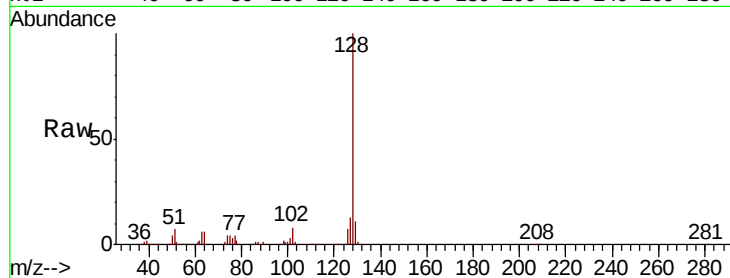




#95
Naphthalene
Concen: 20.25 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

Tot Ion:128 Resp: 240606
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 17.93 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004305.D
Acq: 29 Aug 2018 21:37

Tgt Ion:180 Resp: 79743
Ion Ratio Lower Upper
180 100
182 96.6 48.5 145.6
145 30.1 14.9 44.9

