

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003029.D
 Acq On : 29 Jun 2018 15:25
 Operator : JC/MD
 Sample : VX0629WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 23:27:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	181820	48.17	ug/l	0.00
Spiked Amount						
			Recovery	=	96.34%	
35) Dibromofluoromethane	5.51	113	148679	50.36	ug/l	0.00
Spiked Amount						
			Recovery	=	100.72%	
50) Toluene-d8	8.72	98	533059	49.44	ug/l	0.00
Spiked Amount						
			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	201798	48.53	ug/l	0.00
Spiked Amount						
			Recovery	=	97.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60664	24.73	ug/l	96
3) Chloromethane	1.32	50	60507	23.26	ug/l	98
4) Vinyl Chloride	1.40	62	64989	21.04	ug/l	90
5) Bromomethane	1.64	94	27067	16.98	ug/l	100
6) Chloroethane	1.72	64	41121	21.49	ug/l	98
7) Trichlorofluoromethane	1.93	101	102785	19.73	ug/l	95
8) Diethyl Ether	2.19	74	37376	19.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58756	19.47	ug/l	98
10) Methyl Iodide	2.51	142	39999	17.67	ug/l	98
11) Tert butyl alcohol	3.08	59	73777	98.12	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53204	19.76	ug/l	92
13) Acrolein	2.29	56	40775	100.39	ug/l	98
14) Allyl chloride	2.73	41	103478	19.49	ug/l	97
15) Acrylonitrile	3.15	53	165551	103.08	ug/l	100
16) Acetone	2.45	43	153883	98.45	ug/l	96
17) Carbon Disulfide	2.57	76	144698	20.17	ug/l	99
18) Methyl Acetate	2.78	43	79642	18.22	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	189644	19.59	ug/l	98
20) Methylene Chloride	2.86	84	59337	19.51	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	57760	19.69	ug/l	96
22) Diisopropyl ether	3.88	45	208531	20.55	ug/l	98
23) Vinyl Acetate	3.83	43	908940	105.78	ug/l	98
24) 1,1-Dichloroethane	3.70	63	108260	19.63	ug/l	99
25) 2-Butanone	4.71	43	242979	104.74	ug/l	97
26) 2,2-Dichloropropane	4.59	77	78637	17.53	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	66778	20.30	ug/l	97
28) Bromochloromethane	5.03	49	49863	18.89	ug/l	91
29) Tetrahydrofuran	5.17	42	153212	102.99	ug/l	97
30) Chloroform	5.22	83	113139	19.99	ug/l	99
31) Cyclohexane	5.57	56	91813	19.40	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	99790	20.04	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80157	19.60	ug/l	98
37) Ethyl Acetate	4.87	43	92899	21.10	ug/l	98
38) Carbon Tetrachloride	5.78	117	88426	19.71	ug/l	98

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Quant Time: Jun 29 23:27:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89020	18.69	ug/l	97
40) Benzene	6.15	78	245090	20.63	ug/l	99
41) Methacrylonitrile	5.07	41	52640	20.77	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96205	20.05	ug/l	100
43) Isopropyl Acetate	6.47	43	145691	19.73	ug/l	98
44) Trichloroethene	7.22	130	71690	20.24	ug/l	98
45) 1,2-Dichloropropane	7.52	63	61547	19.53	ug/l	99
46) Dibromomethane	7.67	93	43624	19.95	ug/l	95
47) Bromodichloromethane	7.90	83	79855	19.75	ug/l	99
48) Methyl methacrylate	7.78	41	75155	19.76	ug/l	97
49) 1,4-Dioxane	7.76	88	30512	412.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	483263	104.62	ug/l	98
52) Toluene	8.79	92	156711	20.59	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	90519	19.77	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	83506	18.95	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	63564	20.33	ug/l	99
56) Ethyl methacrylate	9.18	69	92943	20.34	ug/l	96
57) 1,3-Dichloropropane	9.38	76	105086	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	234650	106.42	ug/l	98
59) 2-Hexanone	9.50	43	366557	104.41	ug/l	98
60) Dibromochloromethane	9.59	129	64677	19.65	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66734	20.34	ug/l	100
64) Tetrachloroethene	9.34	164	79606	20.22	ug/l	98
65) Chlorobenzene	10.14	112	180024	20.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64559	19.76	ug/l	99
67) Ethyl Benzene	10.26	91	296949	19.99	ug/l	100
68) m/p-Xylenes	10.36	106	234293	40.92	ug/l	98
69) o-Xylene	10.70	106	112132	20.11	ug/l	99
70) Styrene	10.71	104	187510	20.70	ug/l	99
71) Bromoform	10.86	173	49127	19.25	ug/l	# 100
73) Isopropylbenzene	11.02	105	302585	20.87	ug/l	100
74) N-amyl acetate	6.47	43	145691	20.53	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94968	21.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	103164	26.42	ug/l	81
77) Bromobenzene	11.26	156	85041	20.59	ug/l	98
78) n-propylbenzene	11.37	91	336870	20.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	206894	20.70	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	250263	20.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21930	18.56	ug/l	94
82) 4-Chlorotoluene	11.51	91	239677	20.26	ug/l	98
83) tert-Butylbenzene	11.77	119	245116	20.36	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	260135	20.56	ug/l	100
85) sec-Butylbenzene	11.95	105	287374	19.68	ug/l	99
86) p-Isopropyltoluene	12.07	119	259653	19.78	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	153094	20.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	152952	19.71	ug/l	100
89) n-Butylbenzene	12.39	91	212524	18.60	ug/l	99
90) Hexachloroethane	12.60	117	34630	17.73	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	156372	20.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19704	19.62	ug/l	96

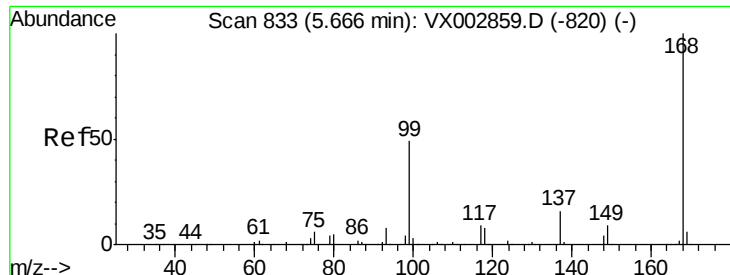
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062918\
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105828	19.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	53425	19.33	ug/l	97
95) Naphthalene	13.84	128	309734	20.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110278	19.93	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

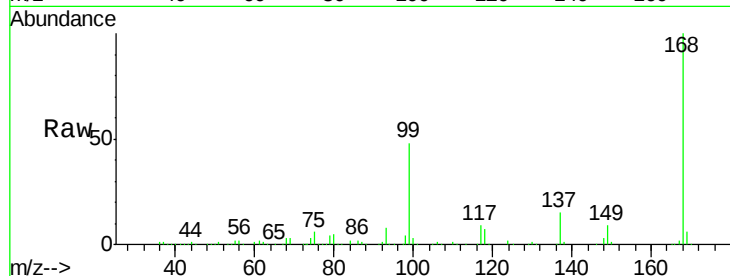
ClientSampled :

Tot Ion:168 Resp: 273079

Ion Ratio Lower Upper

168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

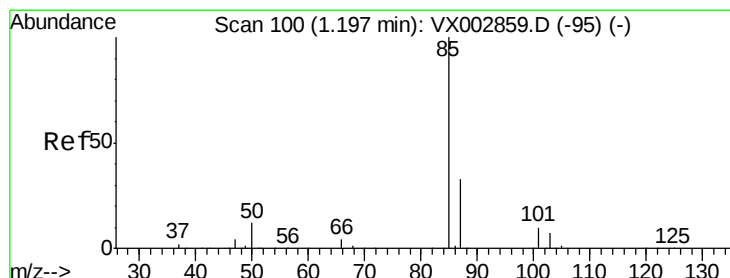
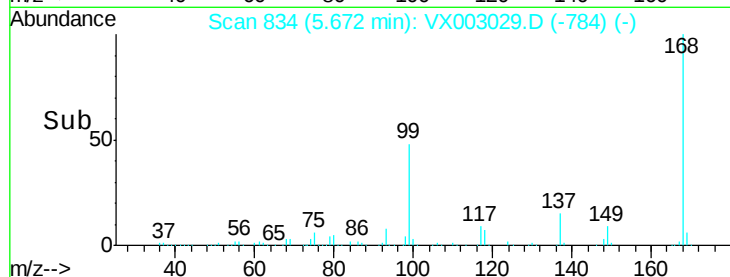
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 24.73 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003029.D

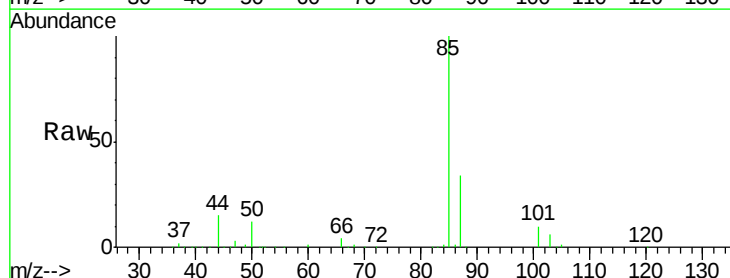
Acq: 29 Jun 2018 15:25

Tgt Ion: 85 Resp: 60664

Ion Ratio Lower Upper

85 100

87 33.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

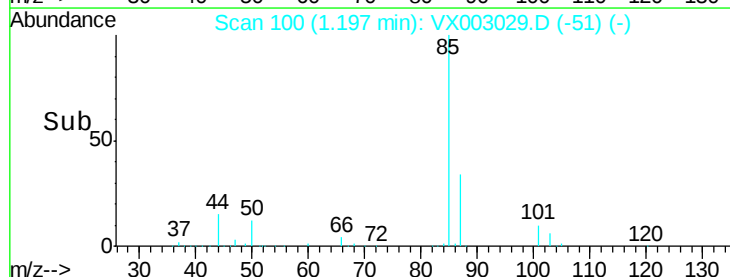
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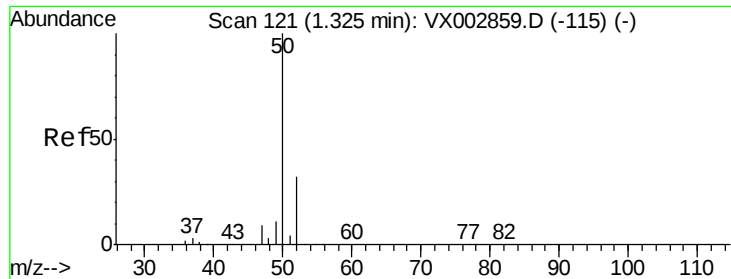
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 23.26 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

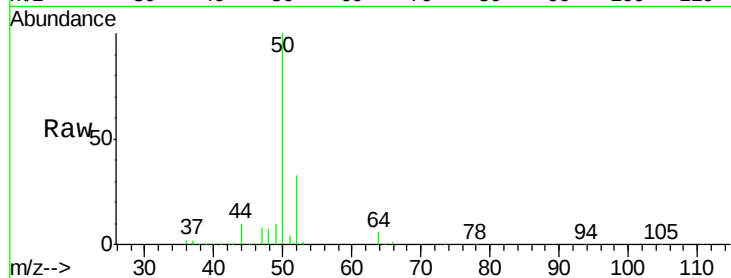
ClientSampleId :

Tot Ion: 50 Resp: 60507

Ion Ratio Lower Upper

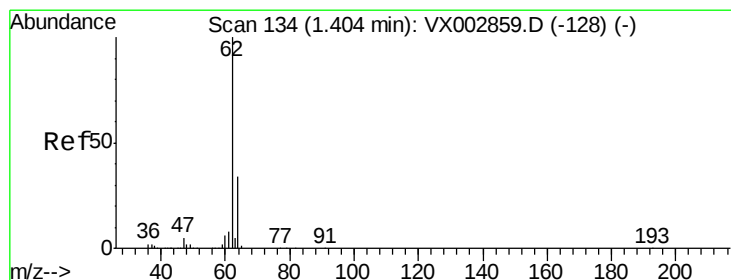
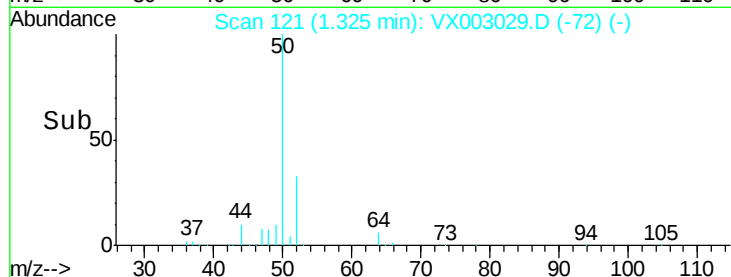
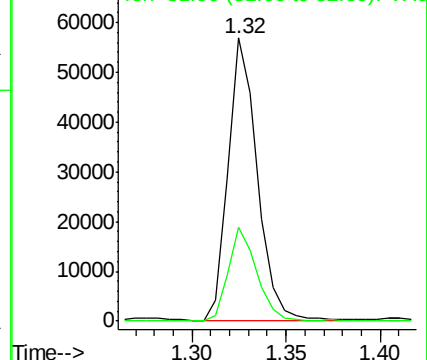
50 100

52 33.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003029.D

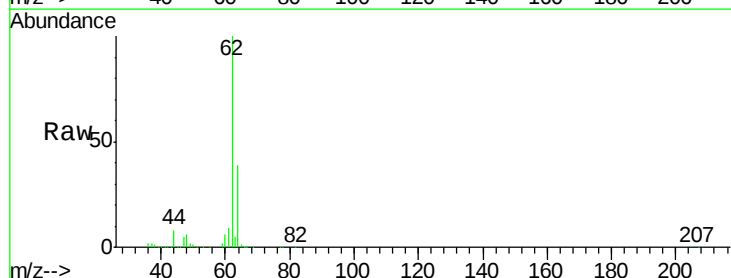
Acq: 29 Jun 2018 15:25

Tgt Ion: 62 Resp: 64989

Ion Ratio Lower Upper

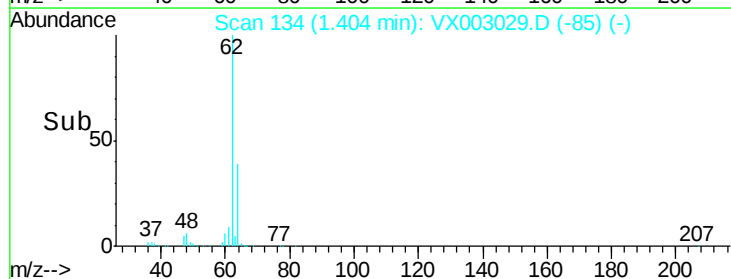
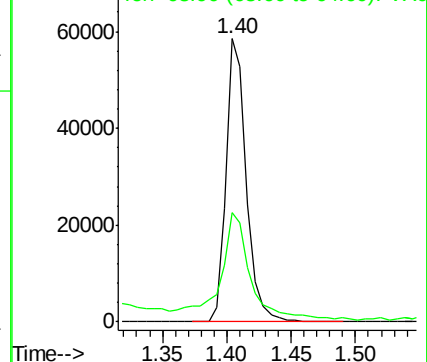
62 100

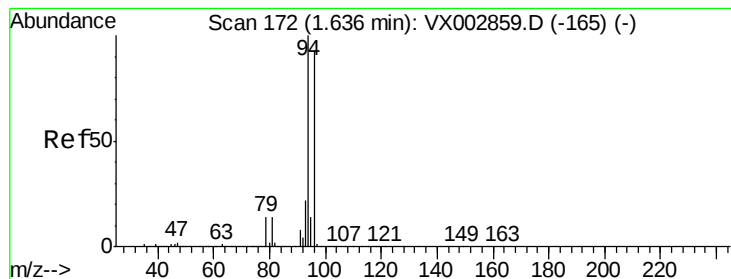
64 37.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.98 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

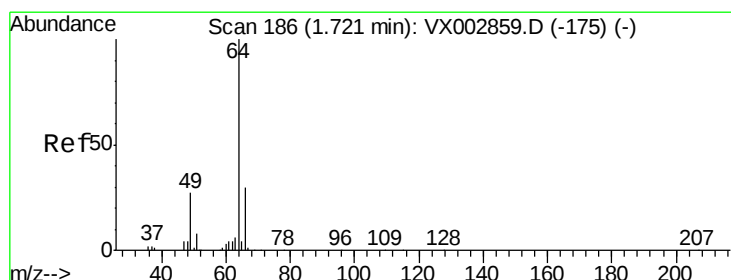
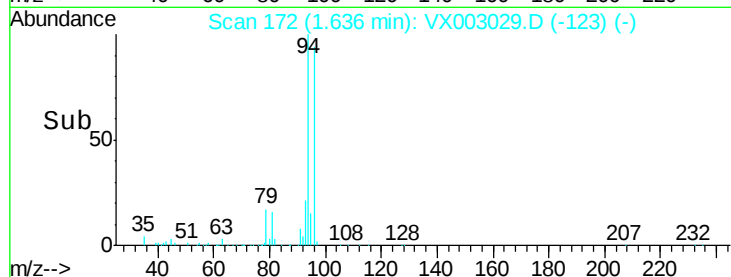
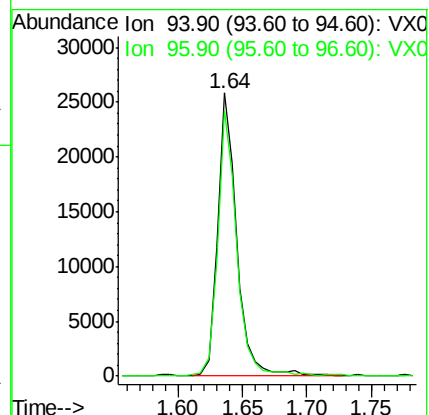
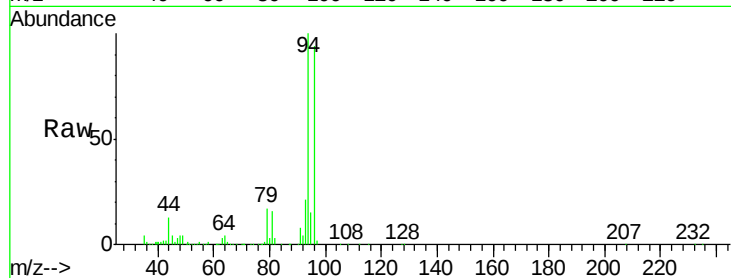
ClientSampleId :

Tot Ion: 94 Resp: 27067

Ion Ratio Lower Upper

94 100

96 93.4 74.9 112.3



#6

Chloroethane

Concen: 21.49 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003029.D

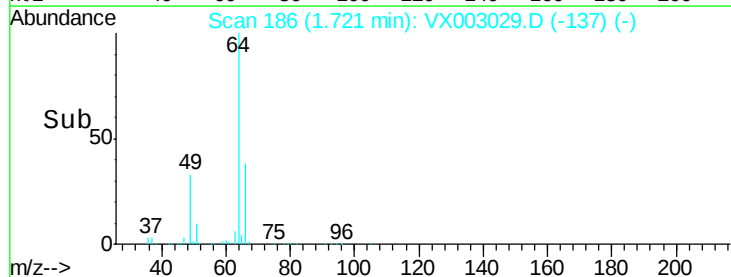
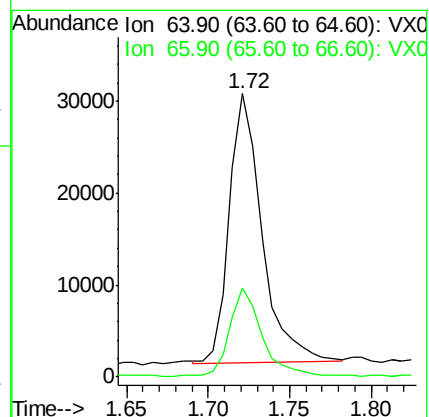
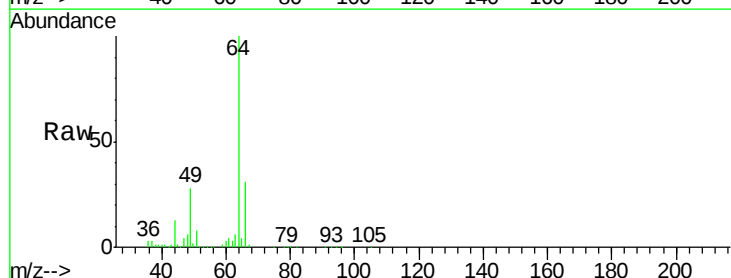
Acq: 29 Jun 2018 15:25

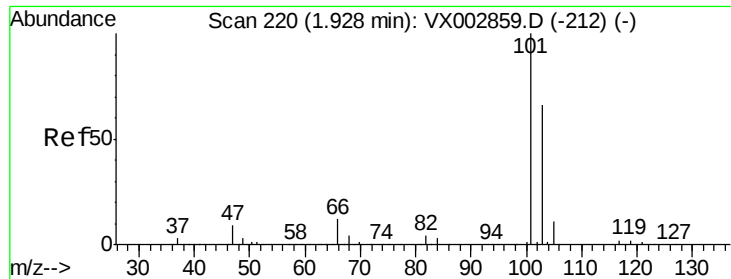
Tgt Ion: 64 Resp: 41121

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3



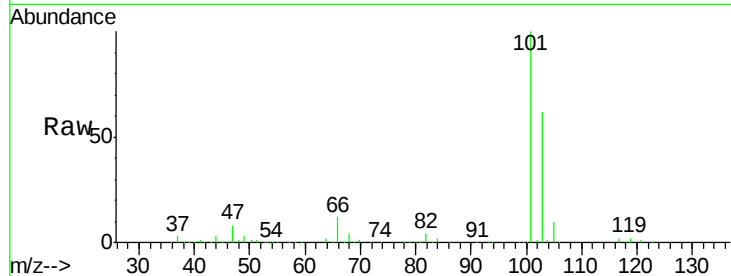


#7

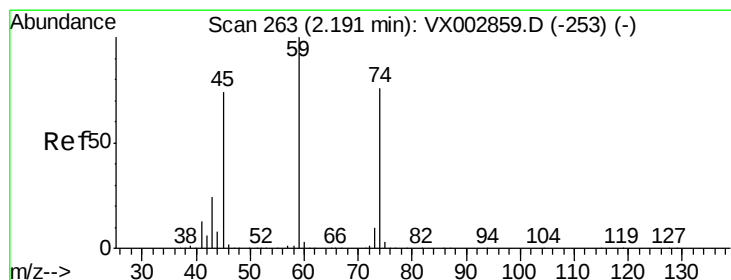
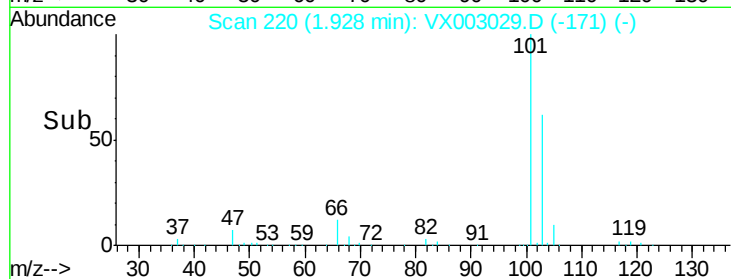
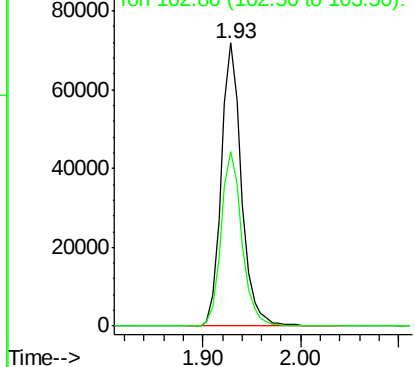
Trichlorofluoromethane
 Concen: 19.73 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 102785
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.8 79.2



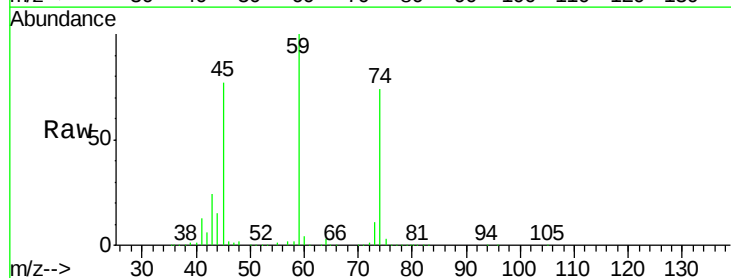
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



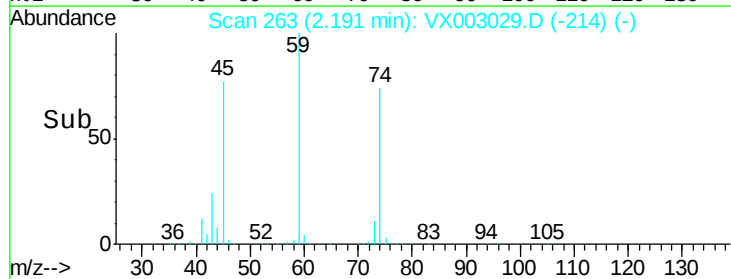
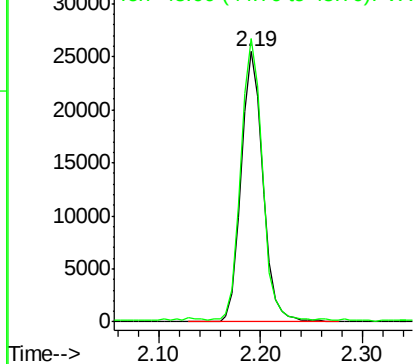
#8

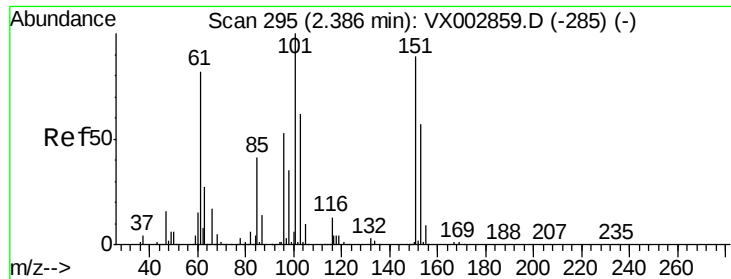
Diethyl Ether
 Concen: 19.74 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 74 Resp: 37376
 Ion Ratio Lower Upper
 74 100
 45 103.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.47 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

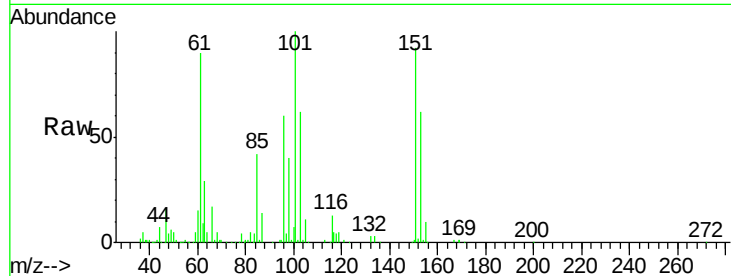
Tot Ion:101 Resp: 58756

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

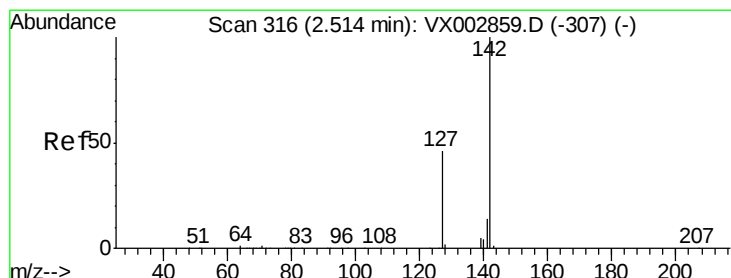
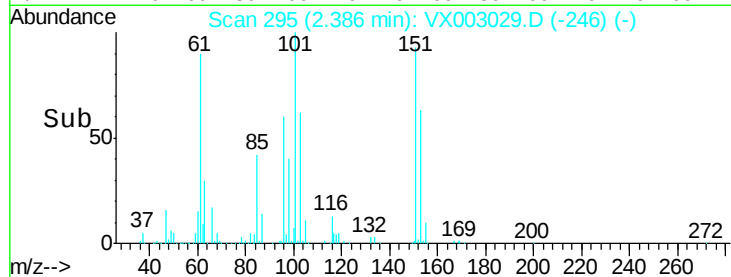
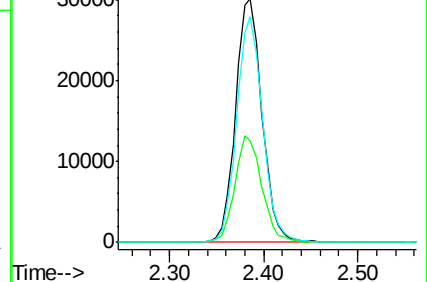
151 91.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.67 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

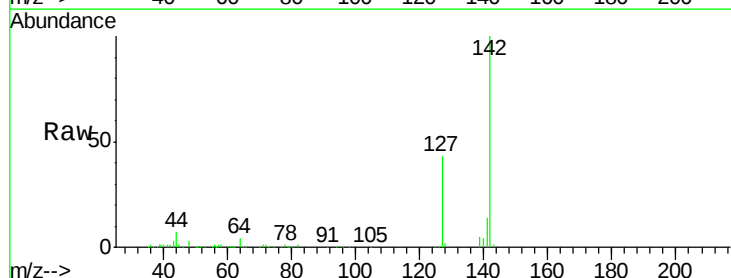
Tgt Ion:142 Resp: 39999

Ion Ratio Lower Upper

142 100

127 44.8 36.6 55.0

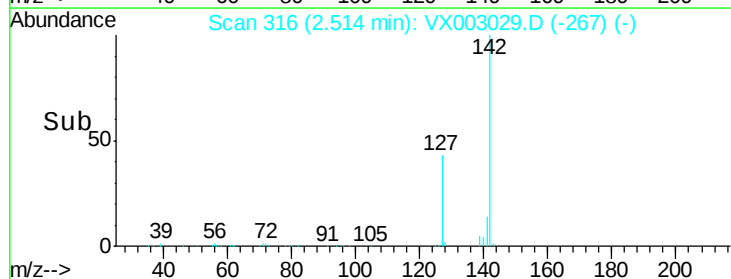
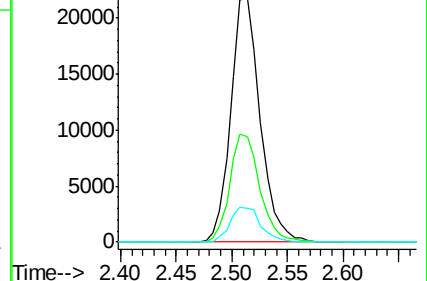
141 15.1 11.3 16.9

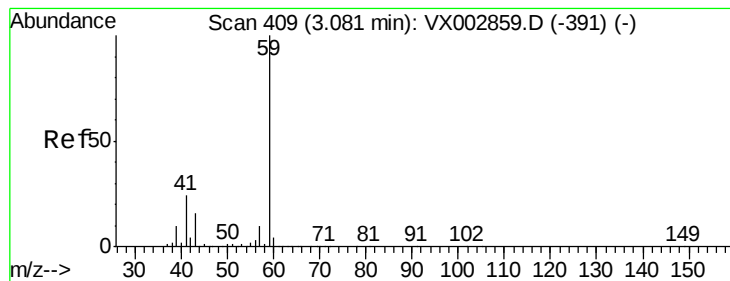


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



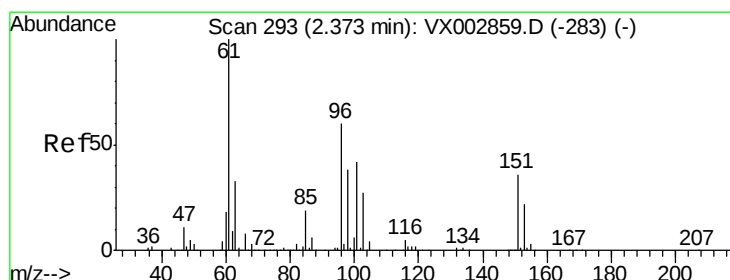
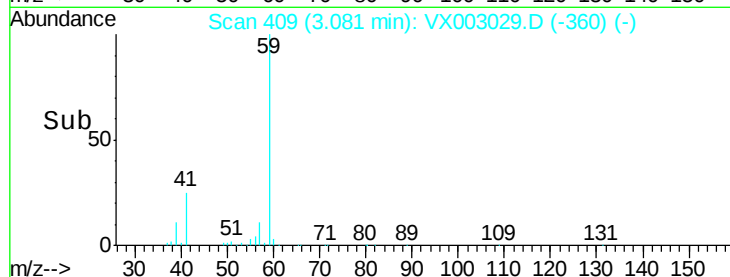
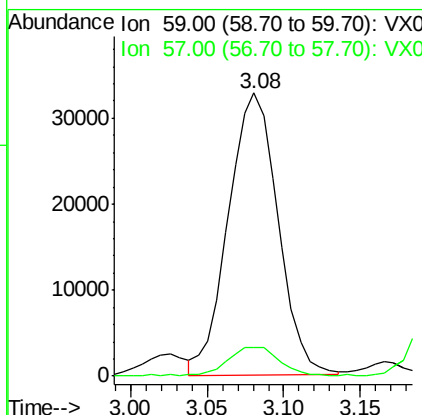
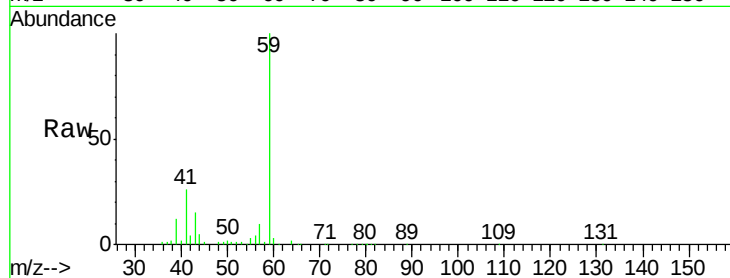


#11

Tert butyl alcohol
Concen: 98.12 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :

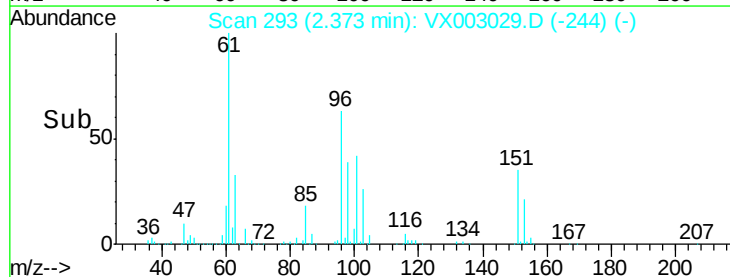
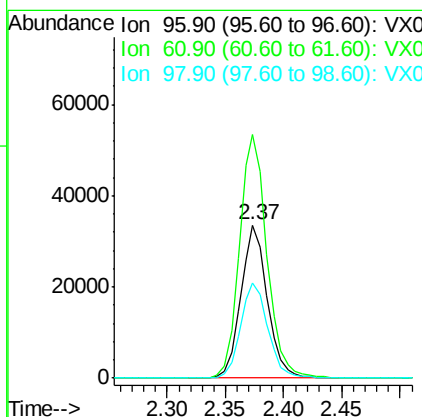
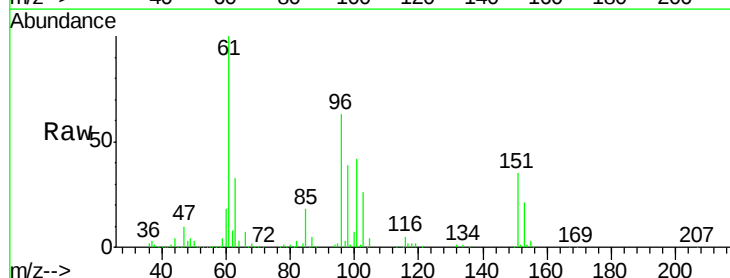
Tot Ion: 59 Resp: 73777
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12

1,1-Dichloroethene
Concen: 19.76 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 96 Resp: 53204
Ion Ratio Lower Upper
96 100
61 159.1 137.9 206.9
98 62.4 51.6 77.4





#13

Acrolein

Concen: 100.39 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

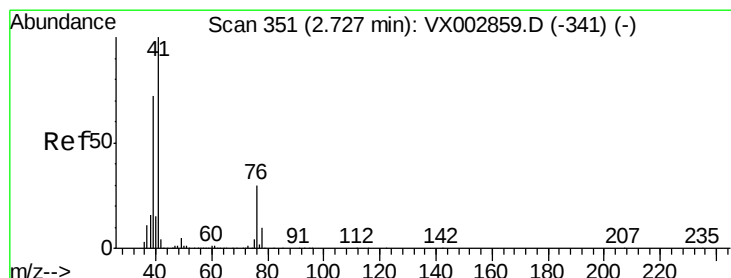
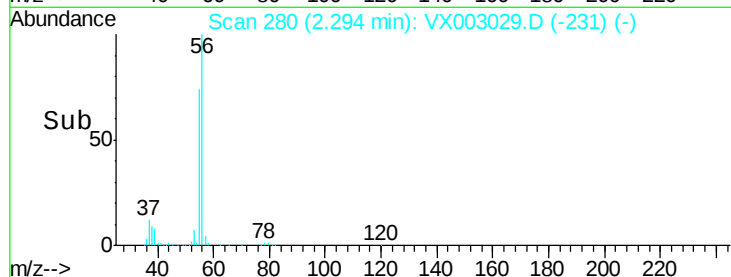
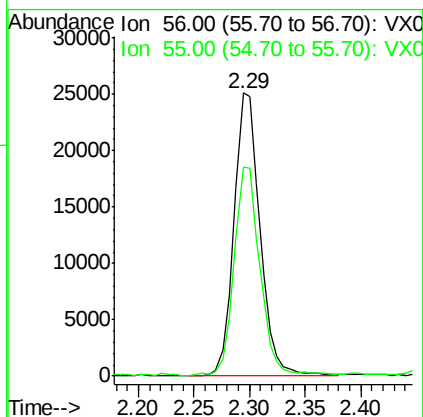
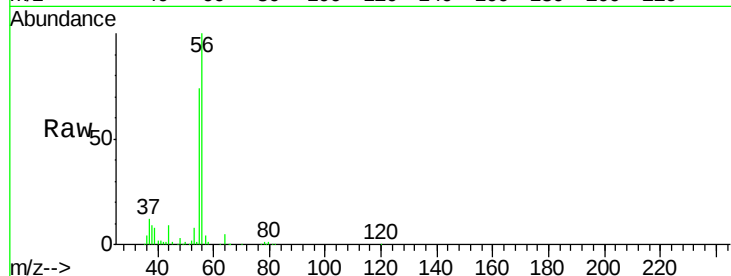
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 40775

Ion Ratio Lower Upper

56 100

55 72.9 57.0 85.4



#14

Allyl chloride

Concen: 19.49 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

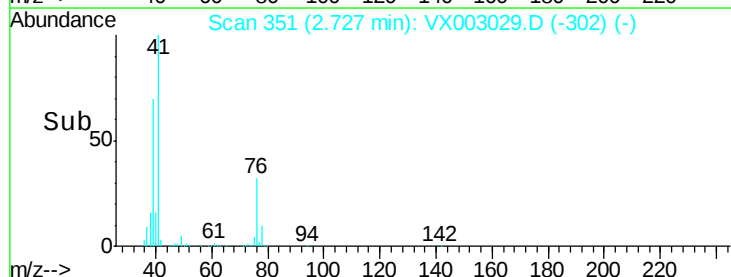
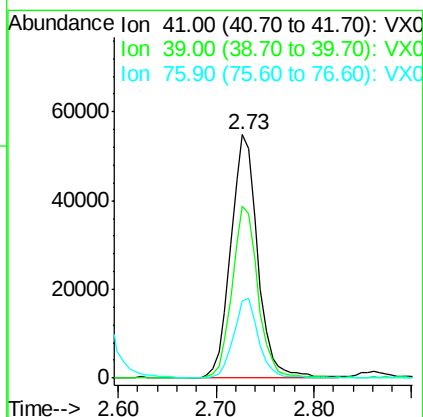
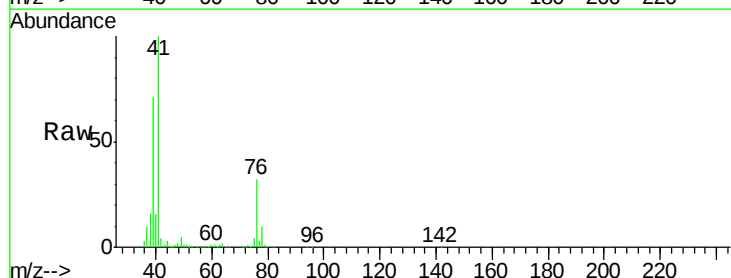
Tgt Ion: 41 Resp: 103478

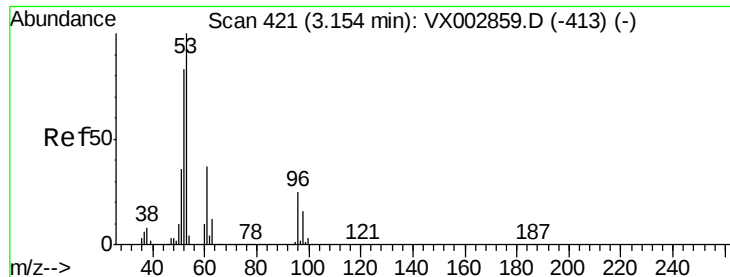
Ion Ratio Lower Upper

41 100

39 67.7 56.8 85.2

76 30.1 23.8 35.8





#15

Acrylonitrile

Concen: 103.08 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :

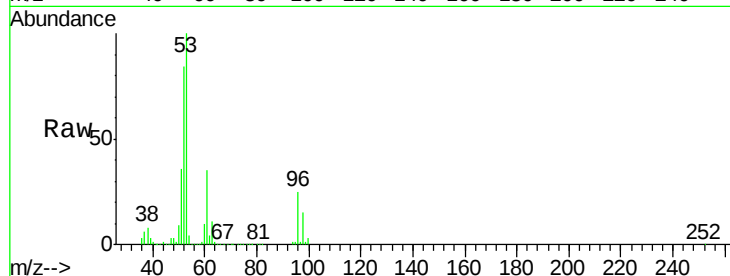
Tot Ion: 53 Resp: 165551

Ion Ratio Lower Upper

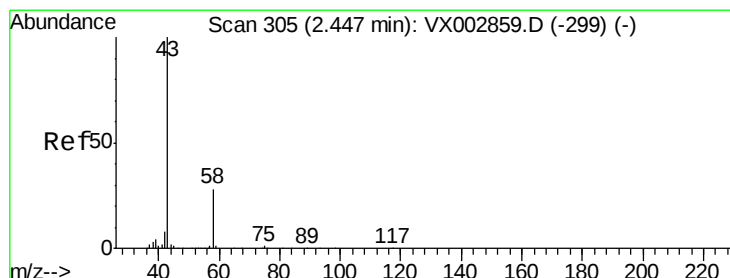
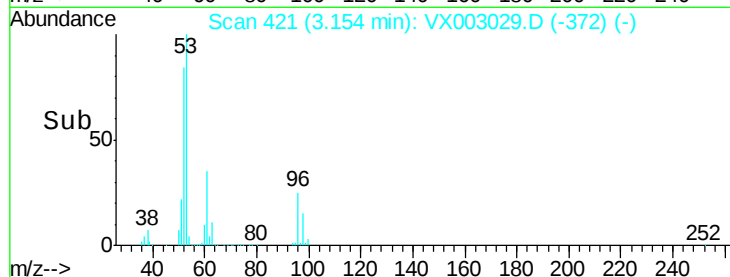
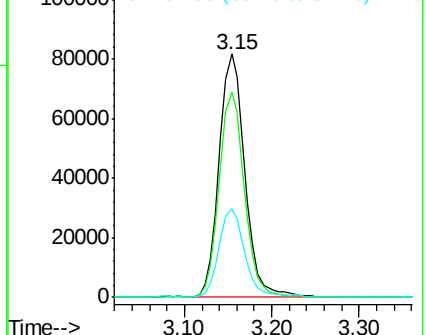
53 100

52 83.1 66.7 100.1

51 36.9 29.9 44.9



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



#16

Acetone

Concen: 98.45 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003029.D

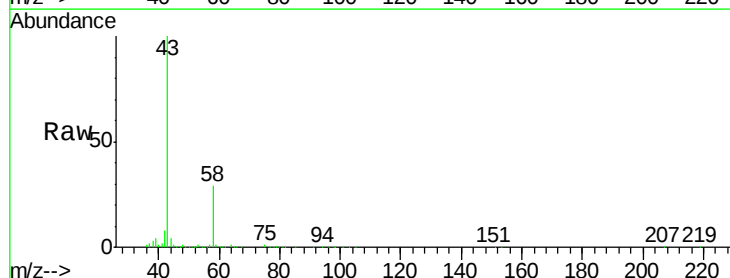
Acq: 29 Jun 2018 15:25

Tgt Ion: 43 Resp: 153883

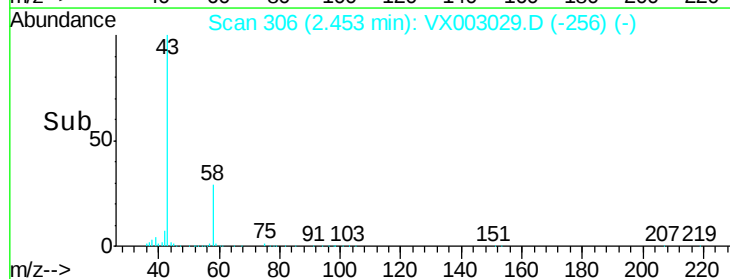
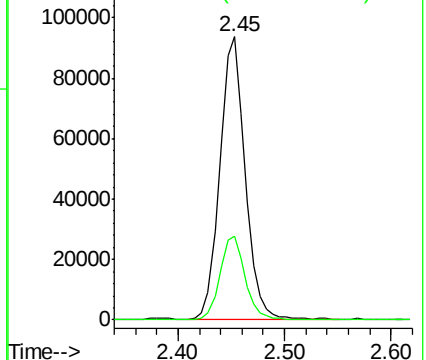
Ion Ratio Lower Upper

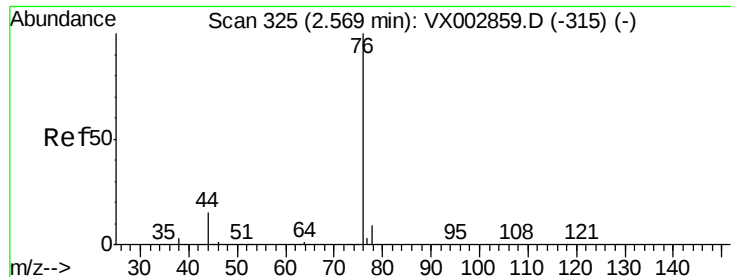
43 100

58 29.5 22.1 33.1



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

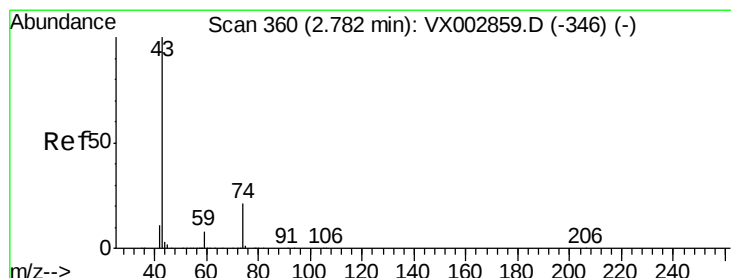
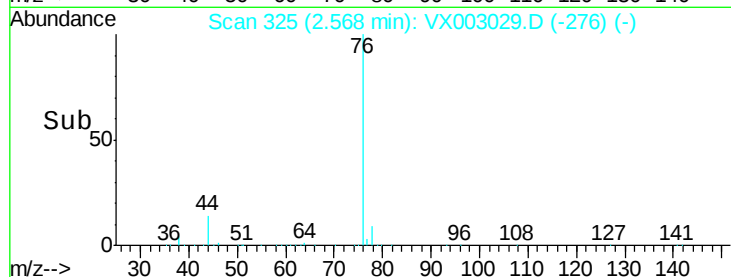
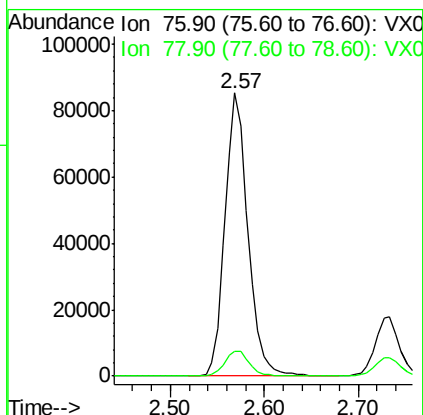
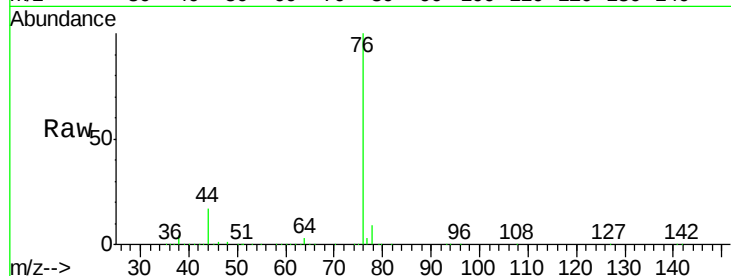




#17
Carbon Disulfide
Concen: 20.17 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

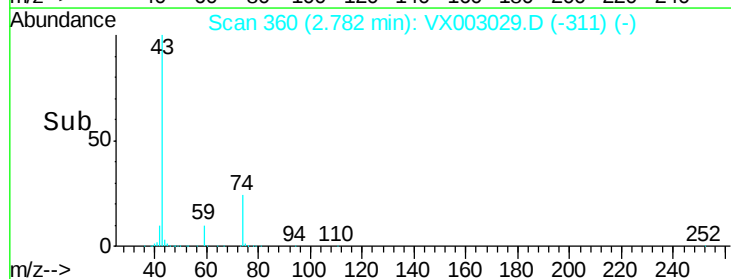
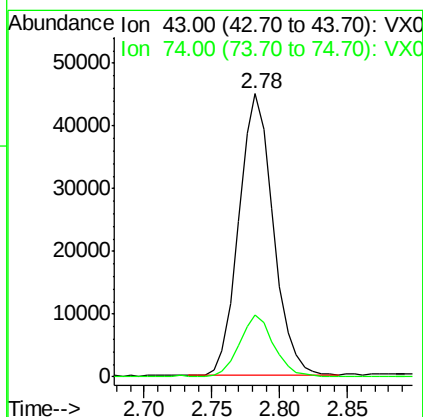
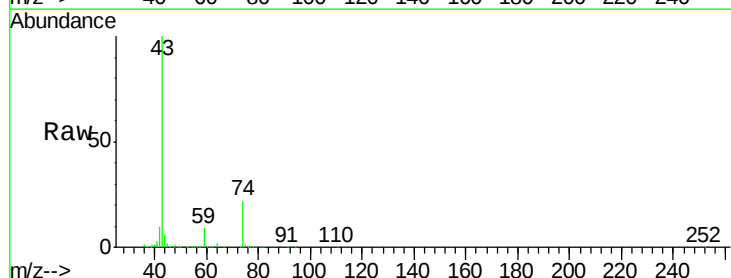
Instrument :
MSVOA_X
ClientSampleId :

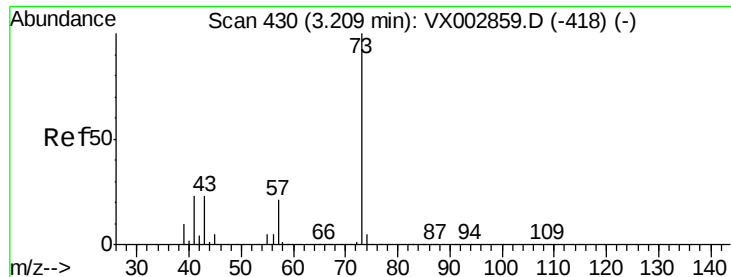
Tot Ion: 76 Resp: 144698
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 18.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 43 Resp: 79642
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1



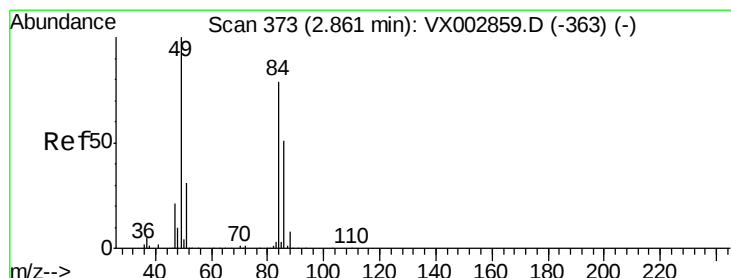
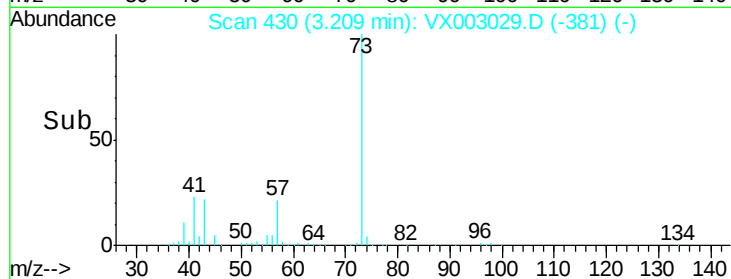
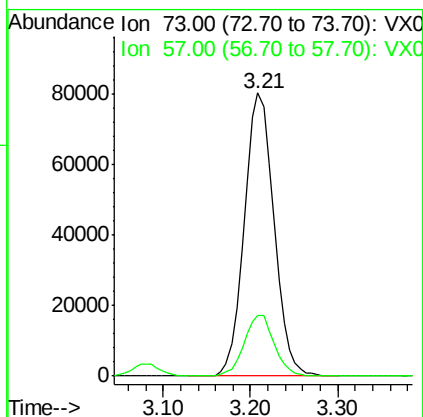
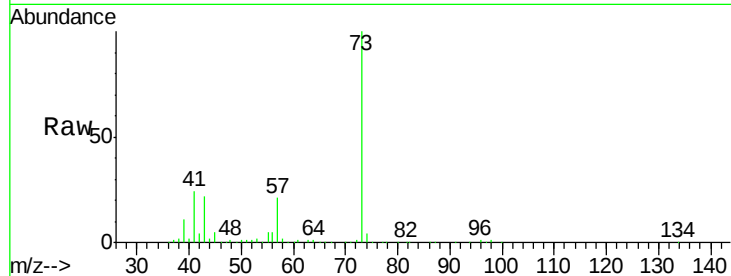


#19

Methyl tert-butyl Ether
 Concen: 19.59 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

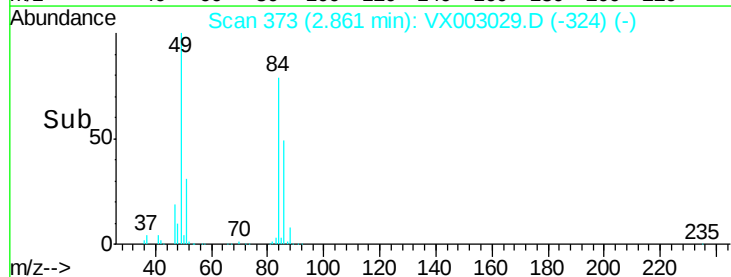
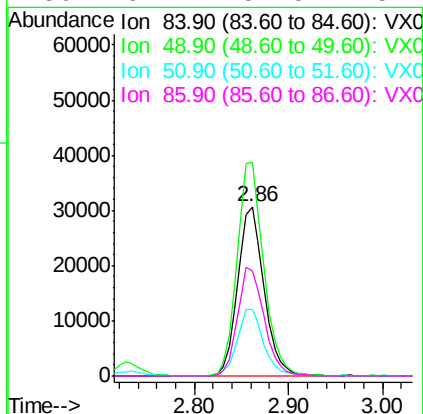
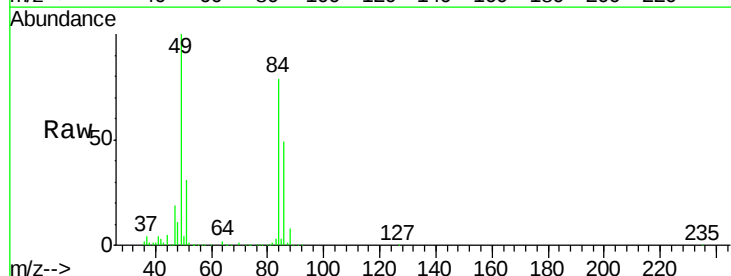
Tot Ion: 73 Resp: 189644
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.7 26.5



#20

Methylene Chloride
 Concen: 19.51 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 84 Resp: 59337
 Ion Ratio Lower Upper
 84 100
 49 126.2 107.8 161.6
 51 39.1 32.8 49.2
 86 61.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

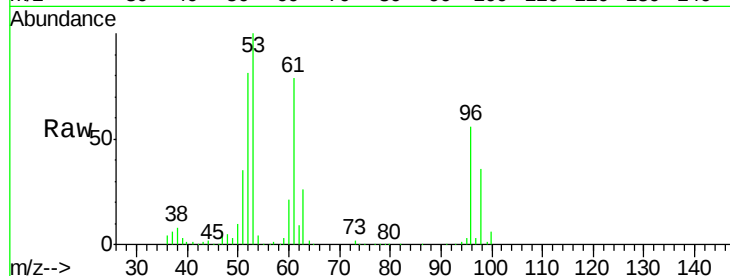
Tot Ion: 96 Resp: 57760

Ion Ratio Lower Upper

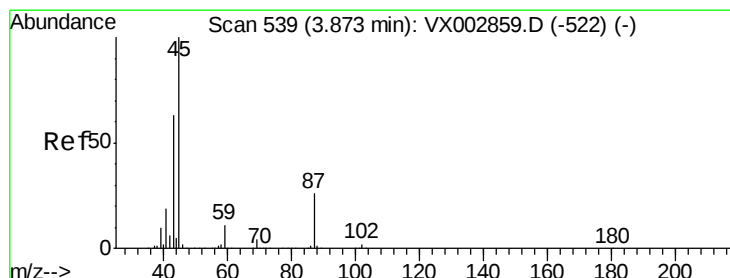
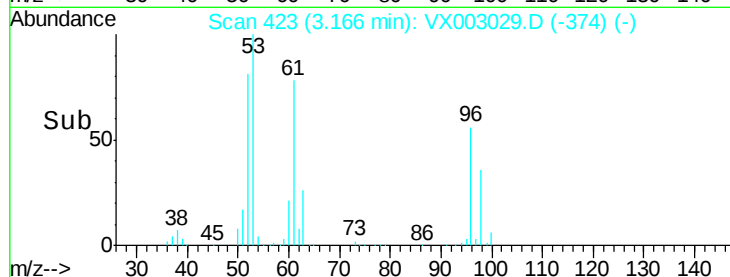
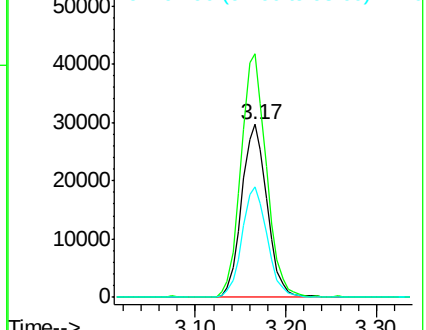
96 100

61 140.9 117.0 175.4

98 63.8 52.4 78.6



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



#22

Diisopropyl ether

Concen: 20.55 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion: 45 Resp: 208531

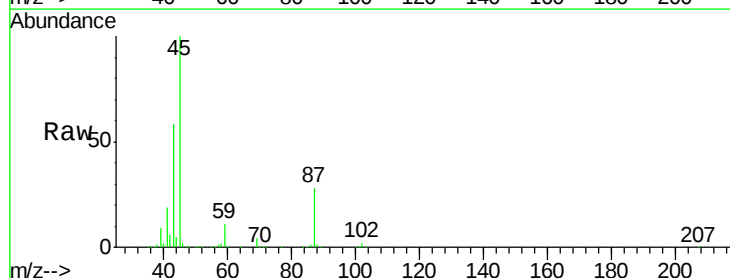
Ion Ratio Lower Upper

45 100

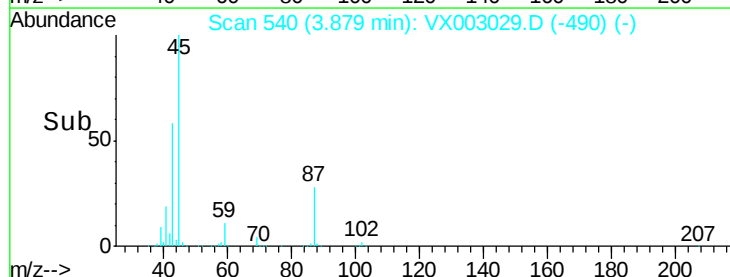
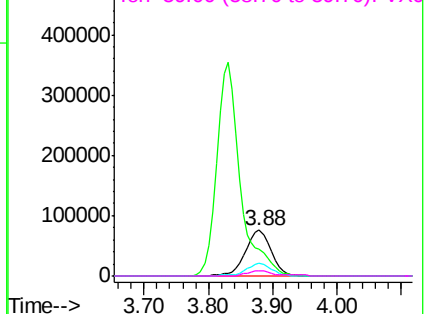
43 57.6 46.8 70.2

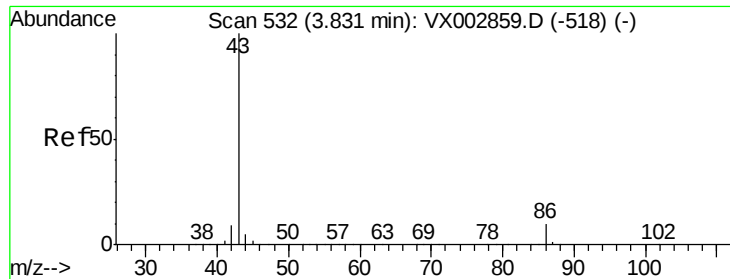
87 27.8 20.2 30.4

59 11.2 8.7 13.1



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: 105.78 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

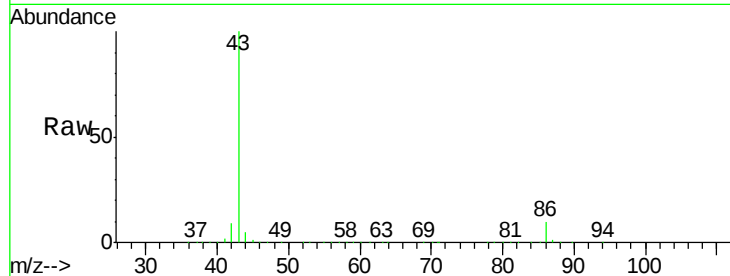
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 908940

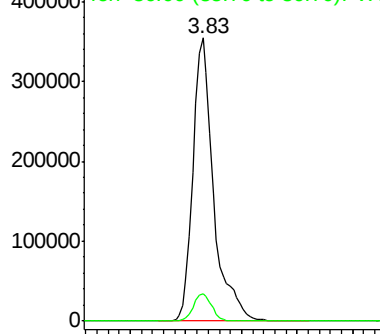
Ion Ratio Lower Upper

43 100

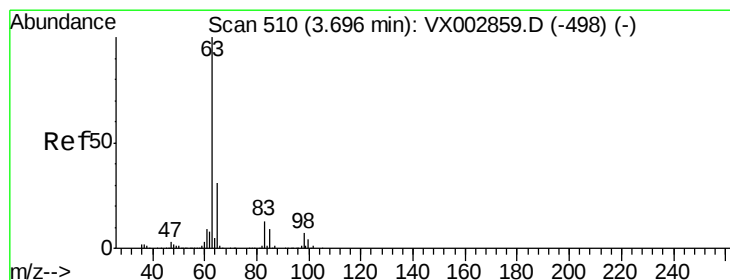
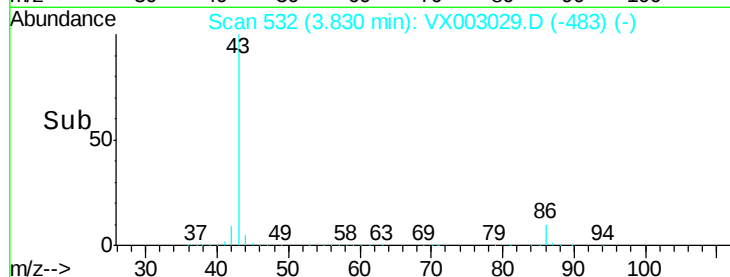
86 9.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.63 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

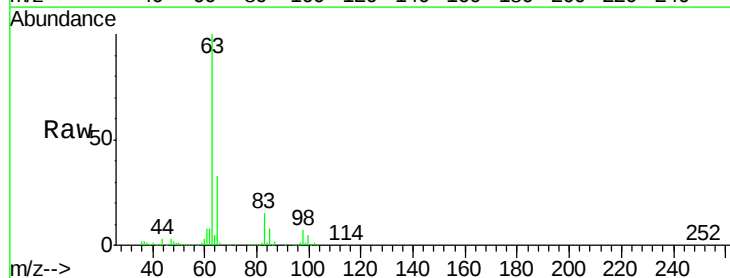
Tgt Ion: 63 Resp: 108260

Ion Ratio Lower Upper

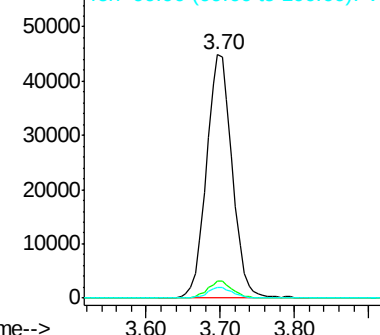
63 100

98 7.2 3.4 10.2

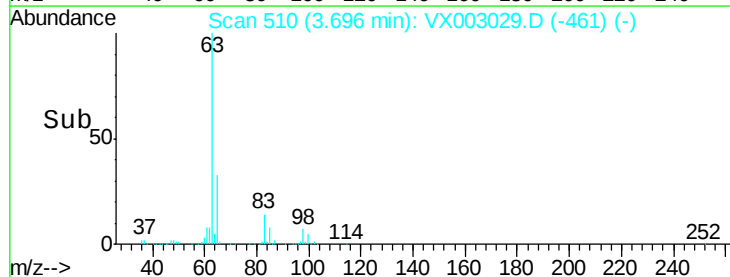
100 4.5 2.0 6.0

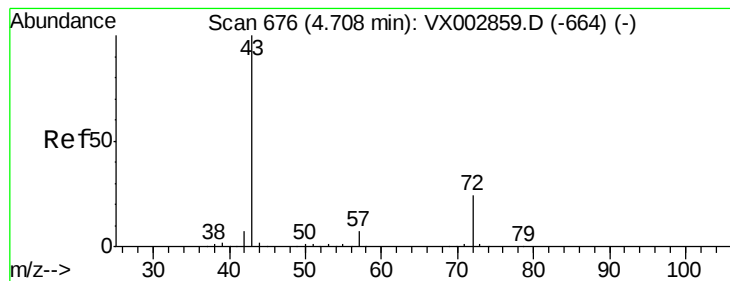


Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 104.74 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

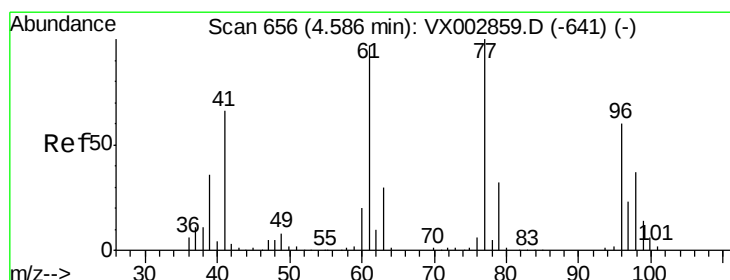
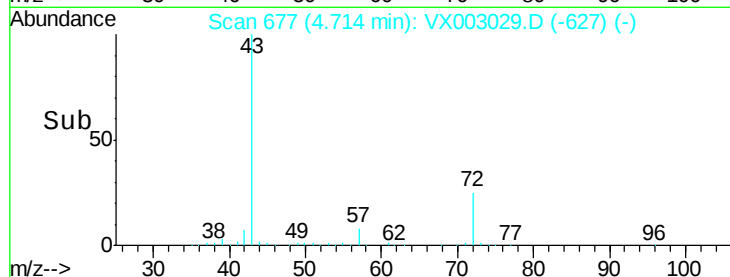
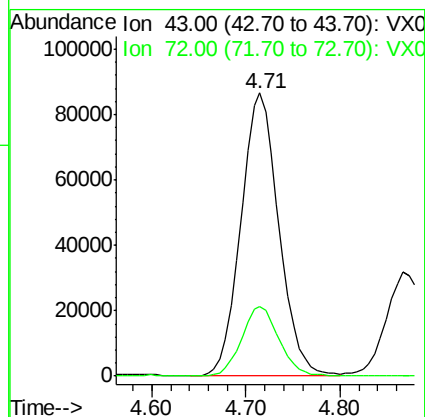
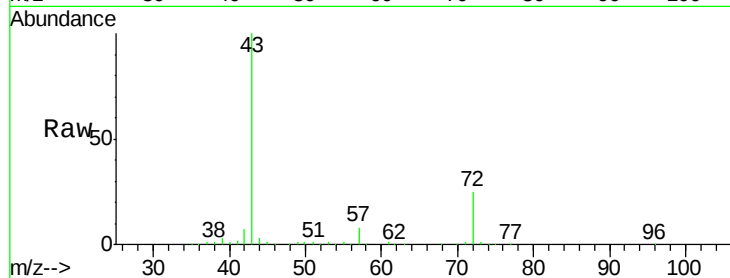
ClientSampleId :

Tot Ion: 43 Resp: 242979

Ion Ratio Lower Upper

43 100

72 24.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 17.53 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003029.D

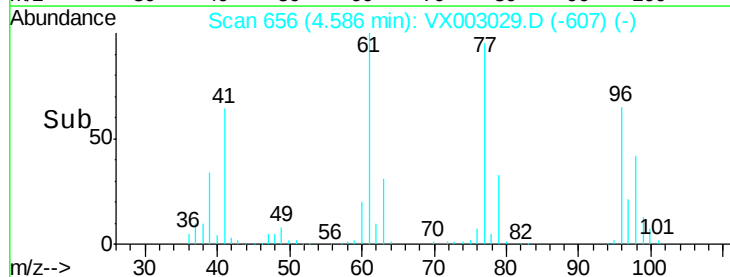
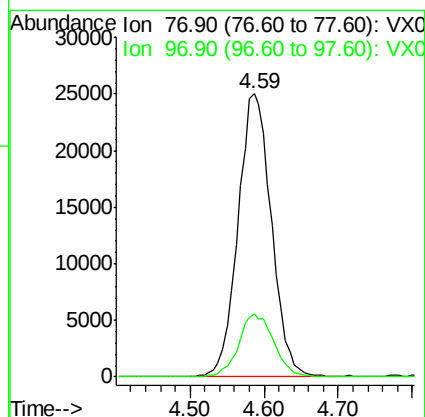
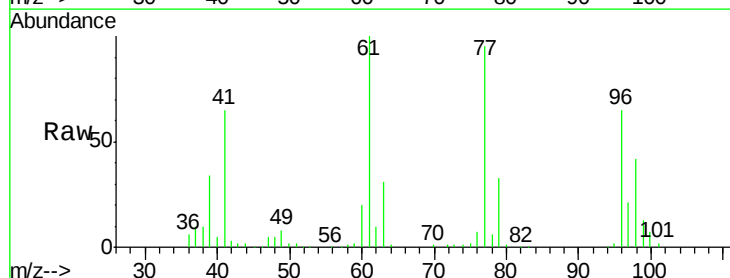
Acq: 29 Jun 2018 15:25

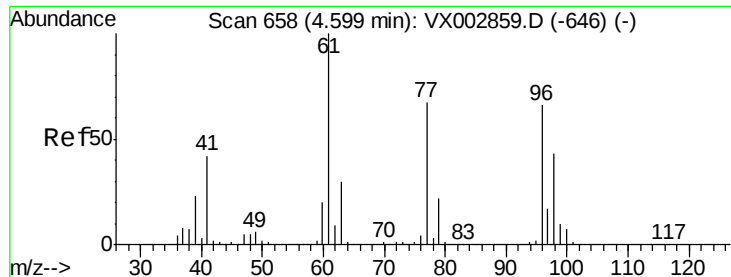
Tgt Ion: 77 Resp: 78637

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5



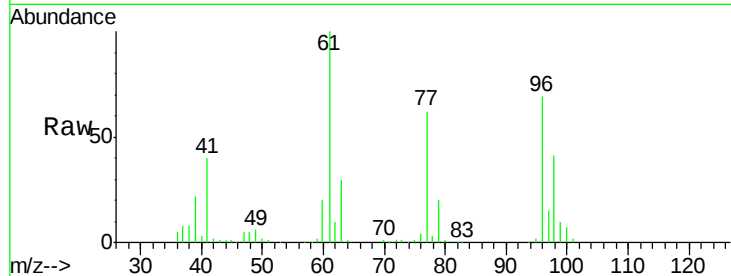


#27

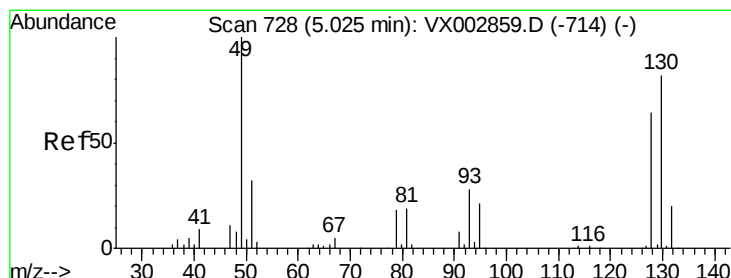
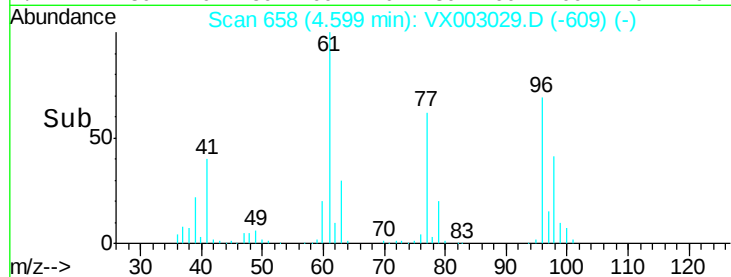
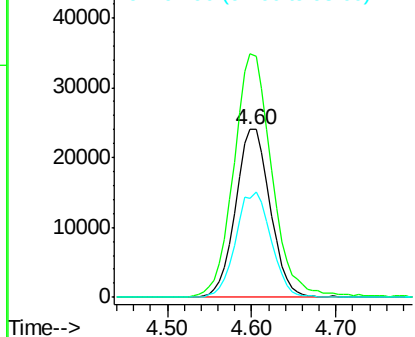
cis-1,2-Dichloroethene
Concen: 20.30 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 66778
Ion Ratio Lower Upper
96 100
61 160.7 0.0 330.2
98 64.0 0.0 130.2



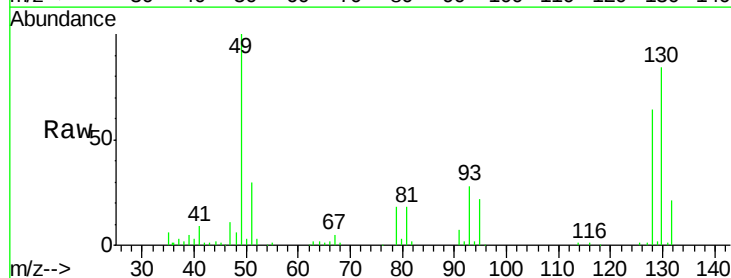
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



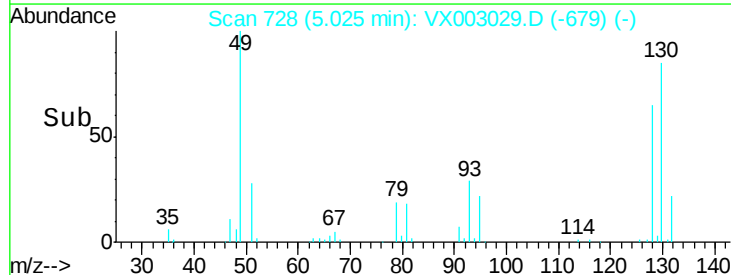
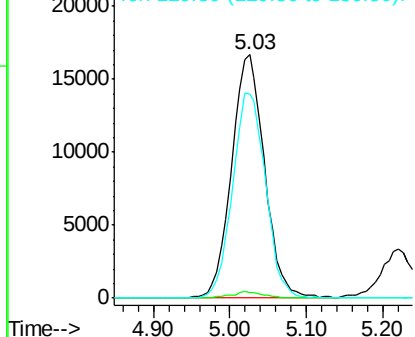
#28

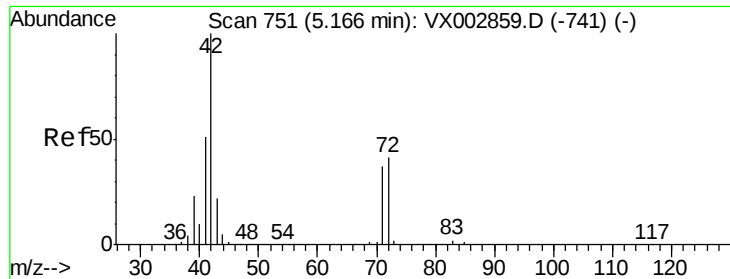
Bromochloromethane
Concen: 18.89 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 49 Resp: 49863
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 84.3 61.2 91.8



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





#29

Tetrahydrofuran

Concen: 102.99 ug/l

RT: 5.17 min Scan# 752

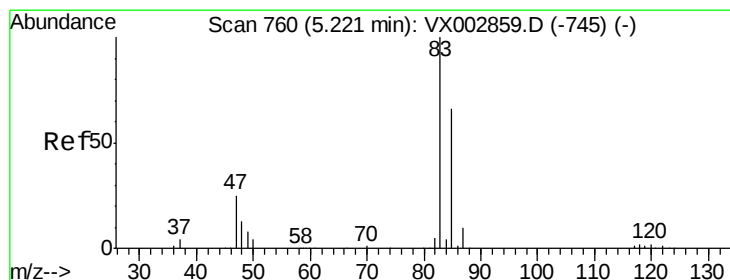
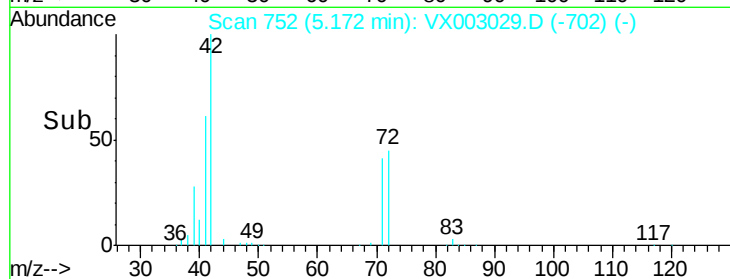
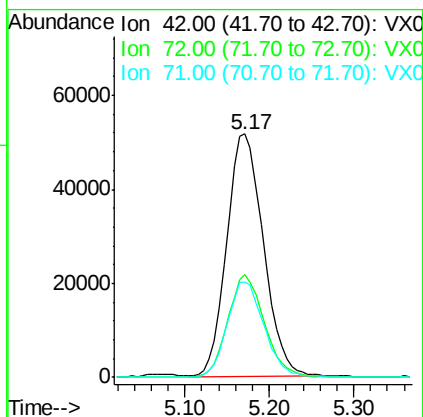
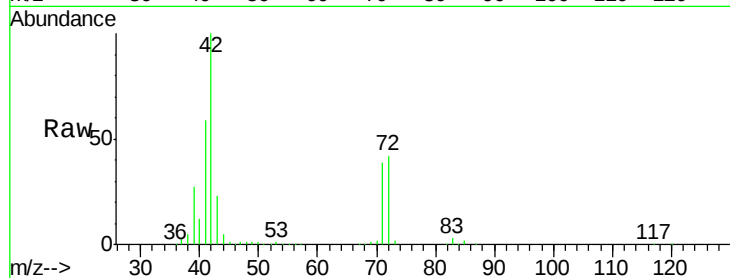
Delta R.T. 0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	42	Resp:	153212
Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.0	48.0
71	39.6	30.1	45.1



#30

Chloroform

Concen: 19.99 ug/l

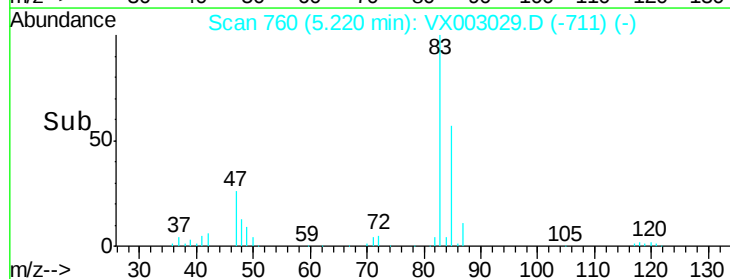
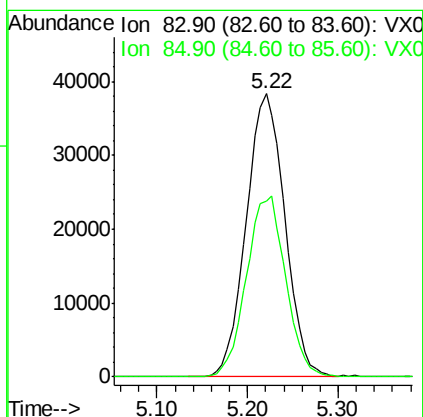
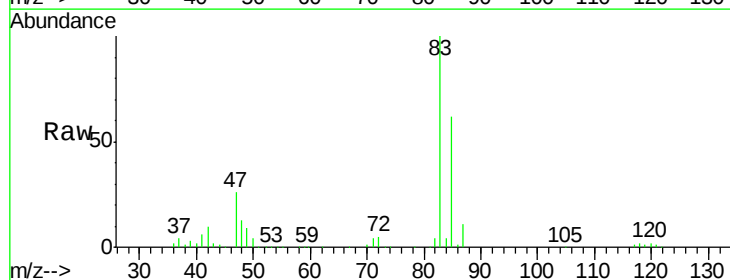
RT: 5.22 min Scan# 760

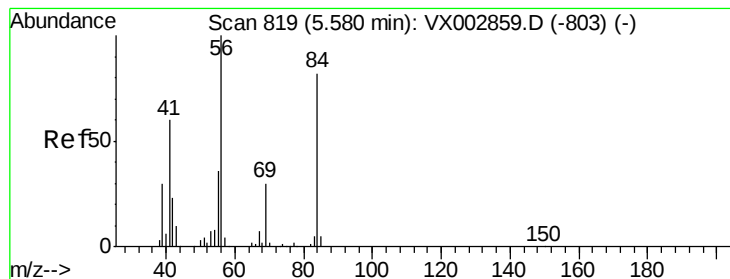
Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion:	83	Resp:	113139
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.4	75.6





#31

Cyclohexane

Concen: 19.40 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :

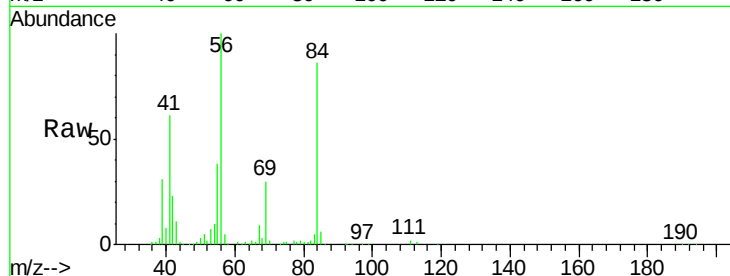
Tot Ion: 56 Resp: 91813

Ion Ratio Lower Upper

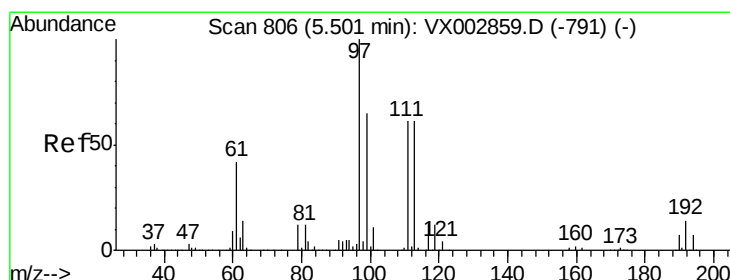
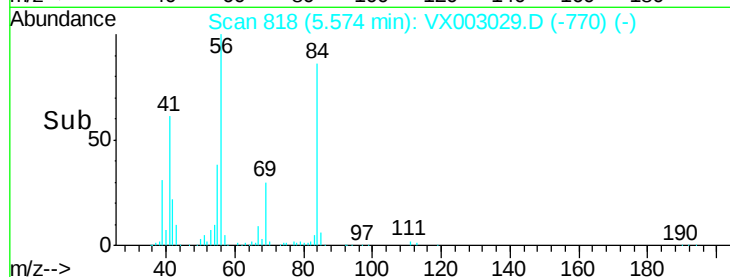
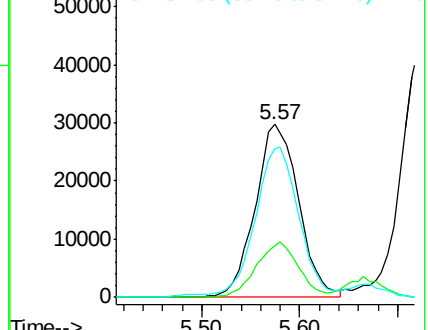
56 100

69 30.0 23.7 35.5

84 84.4 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 20.04 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

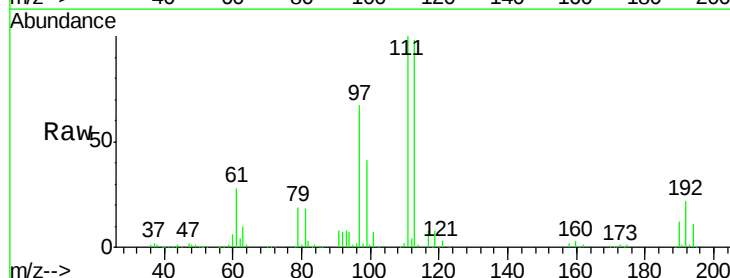
Tgt Ion: 97 Resp: 99790

Ion Ratio Lower Upper

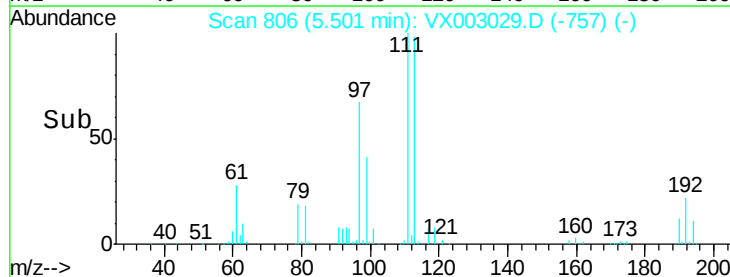
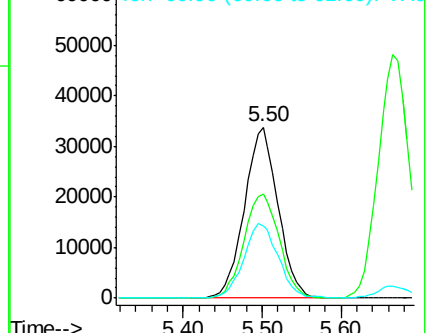
97 100

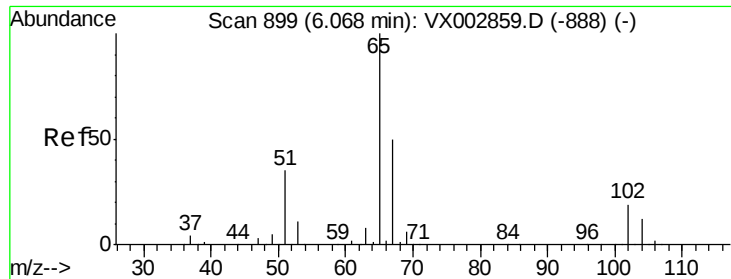
99 64.1 51.6 77.4

61 44.8 36.4 54.6



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

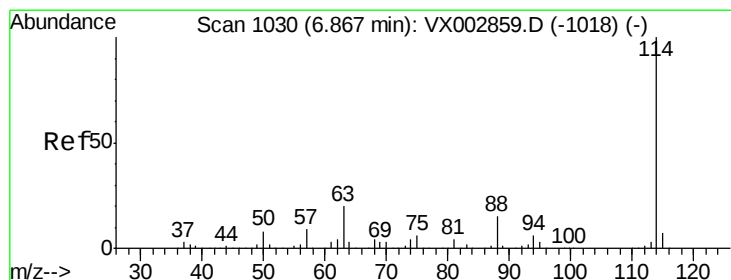
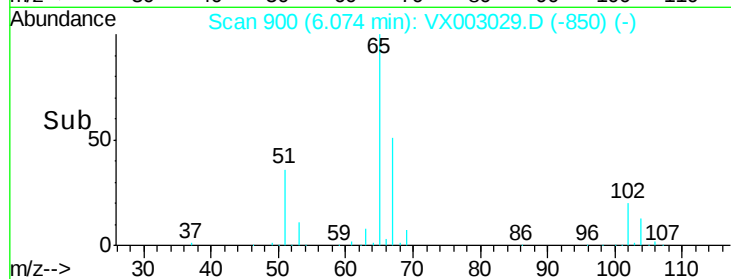
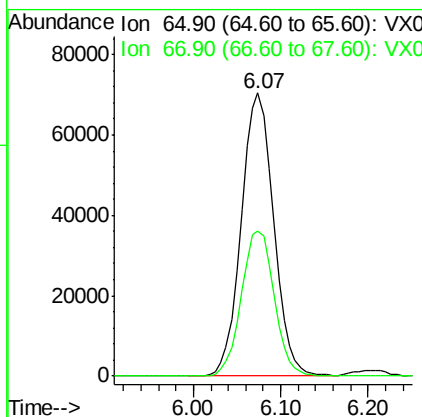
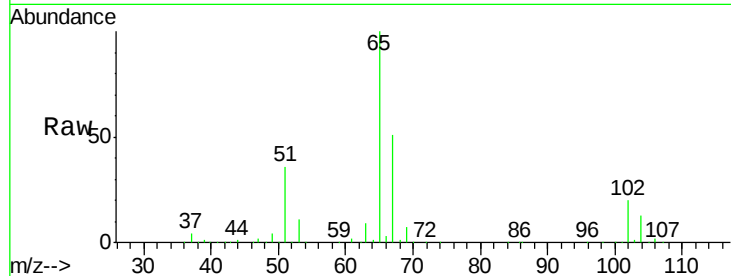




#33
 1,2-Dichloroethane-d4
 Concen: 48.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

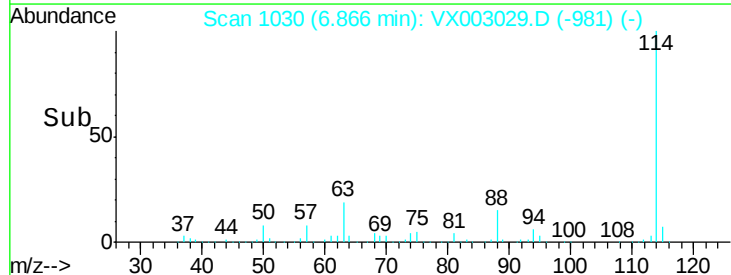
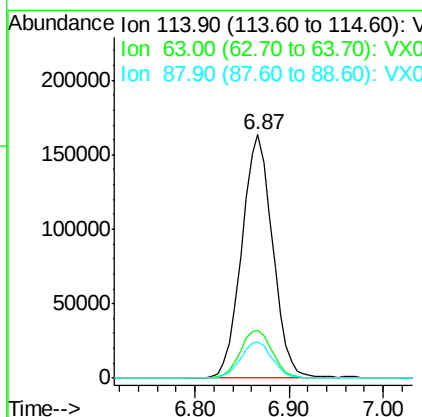
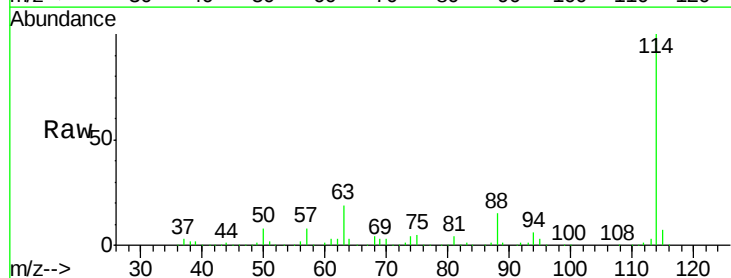
Instrument :
 MSVOA_X
 ClientSampleId :

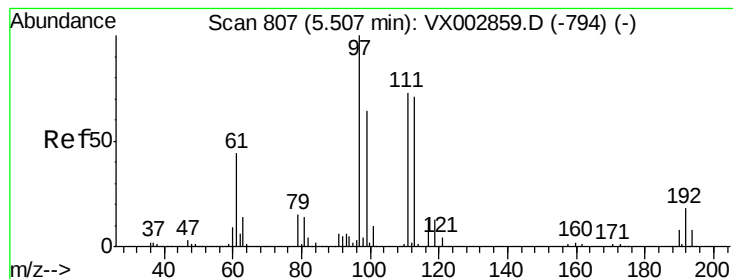
Tot Ion: 65 Resp: 181820
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 114 Resp: 372838
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

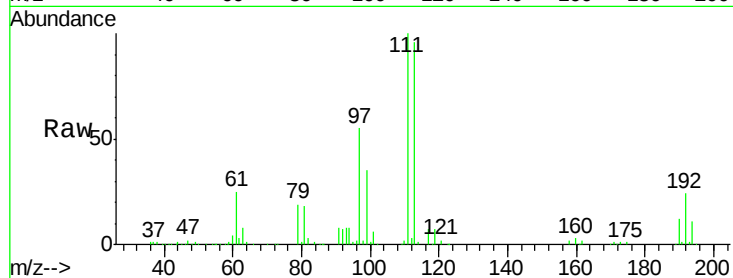
Tot Ion:113 Resp: 148679

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

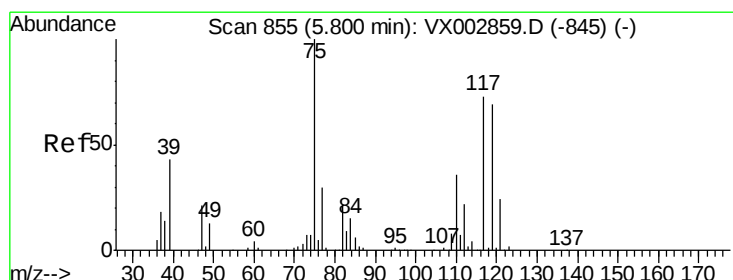
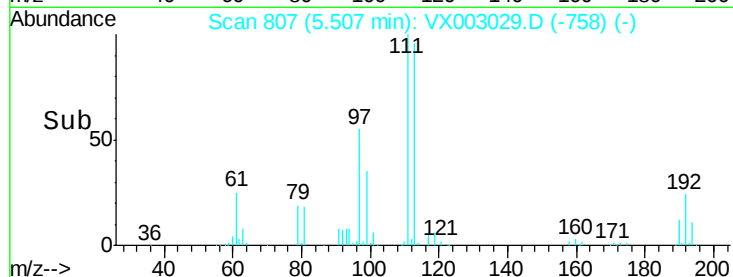
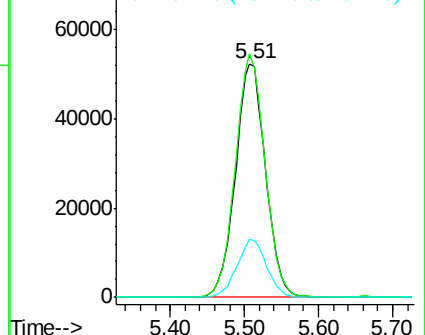
192 24.4 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.60 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

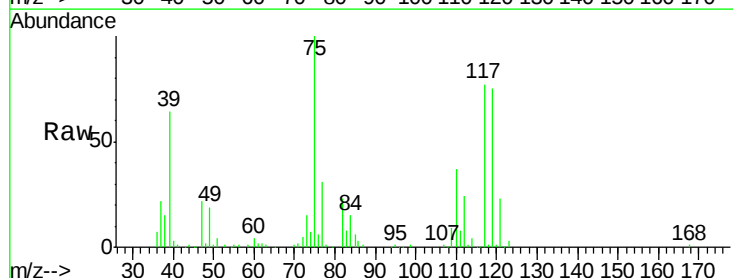
Tgt Ion: 75 Resp: 80157

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.4

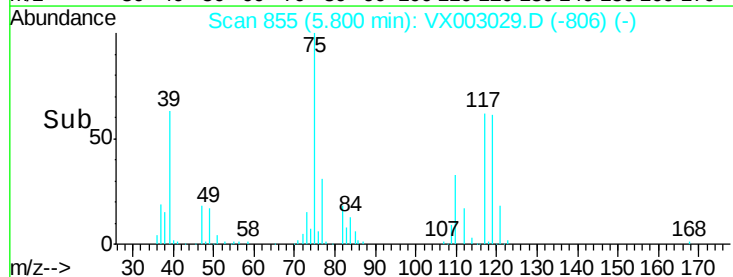
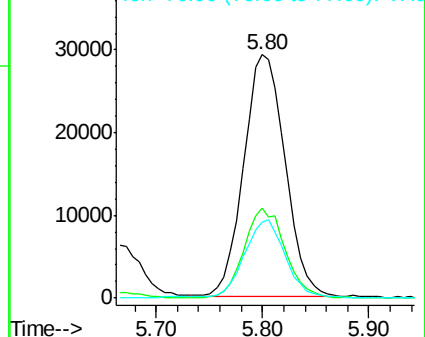
77 31.5 24.3 36.5

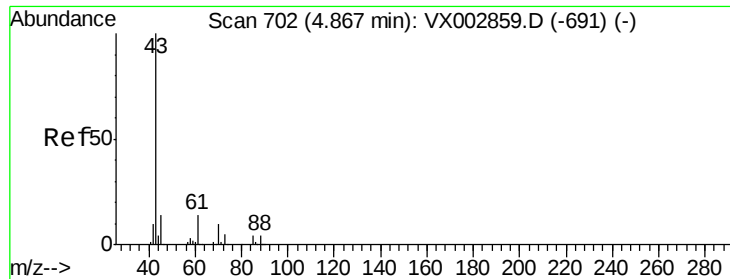


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

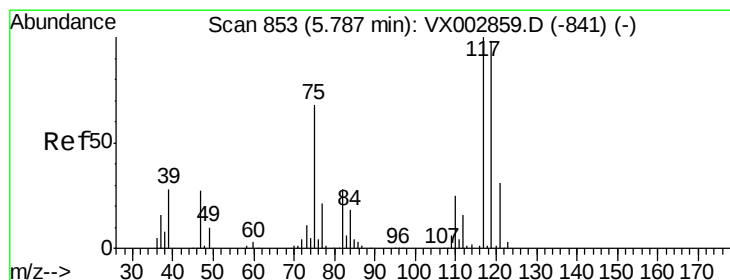
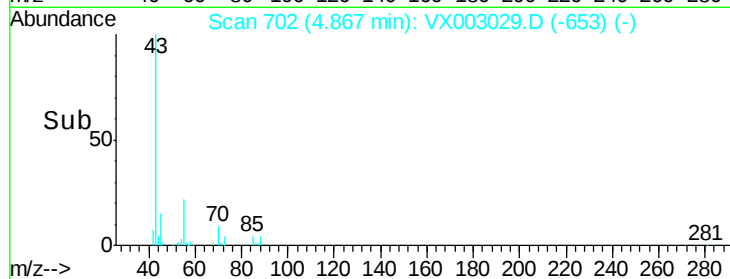
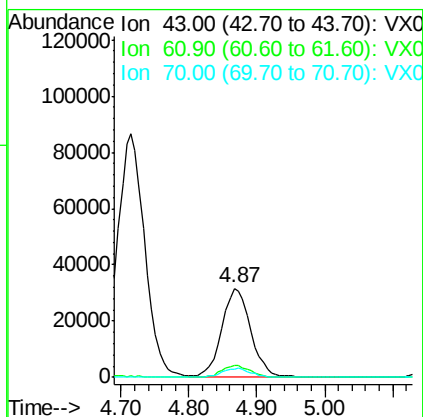
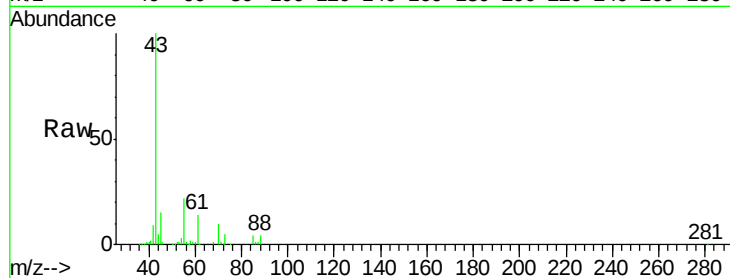




#37
Ethyl Acetate
Concen: 21.10 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

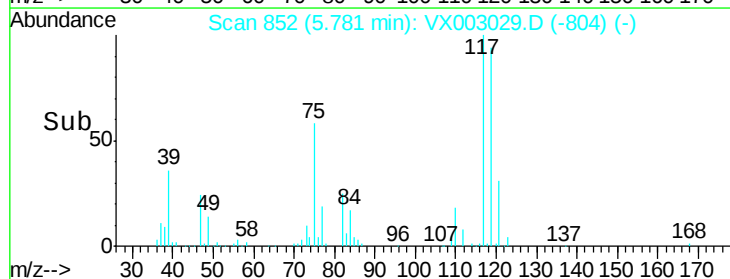
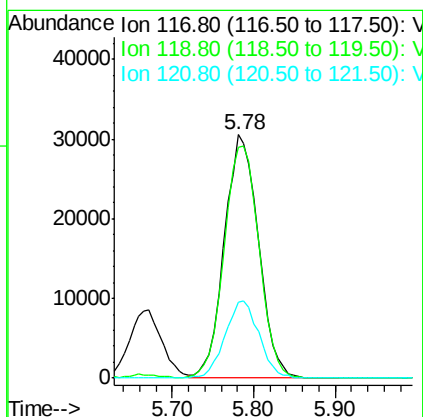
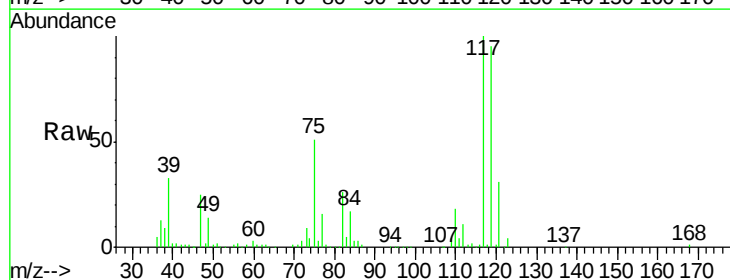
Instrument :
MSVOA_X
ClientSampled :

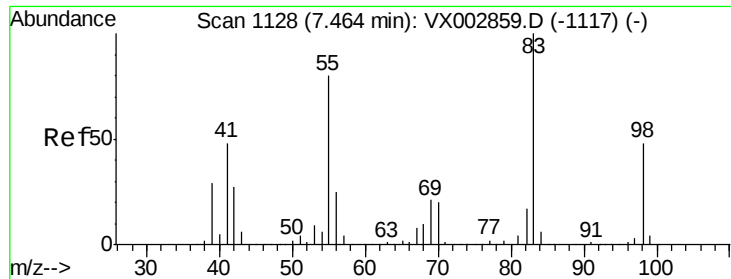
Tot Ion: 43 Resp: 92899
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 10.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.71 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 117 Resp: 88426
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
121 31.4 24.4 36.6

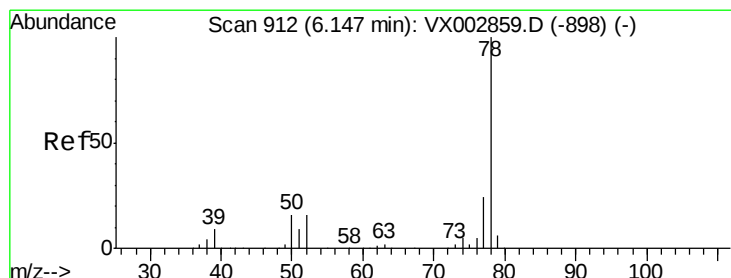
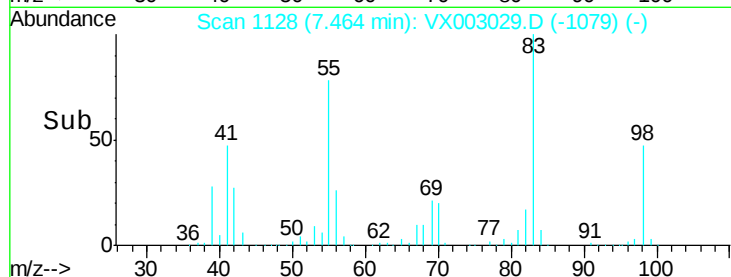
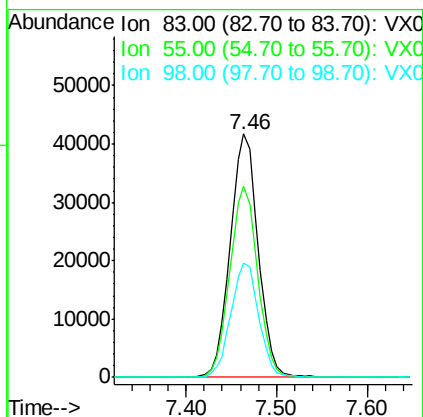
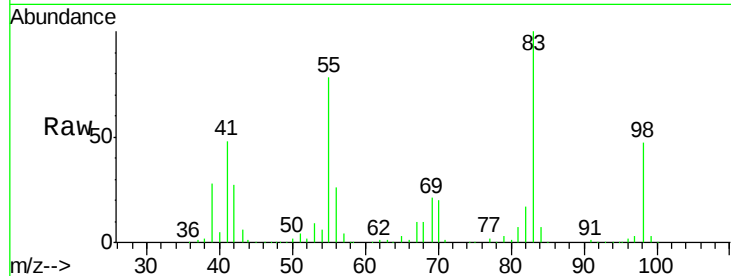




#39
Methvlcvclohexane
Concen: 18.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

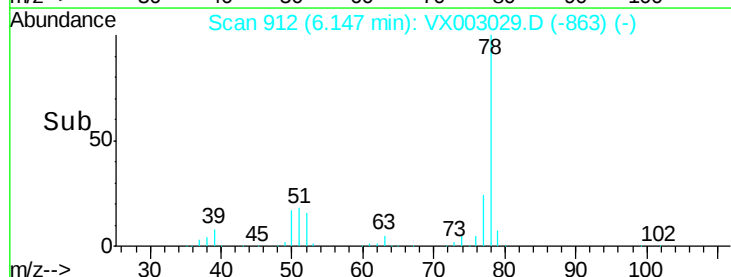
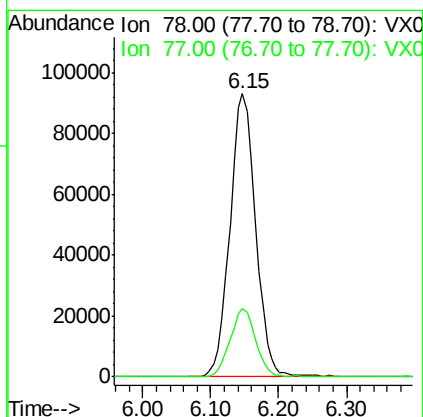
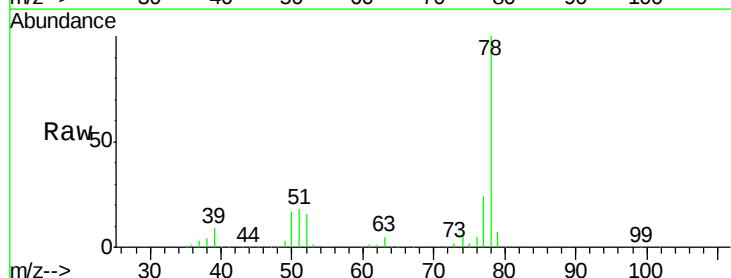
Instrument :
MSVOA_X
ClientSampled :

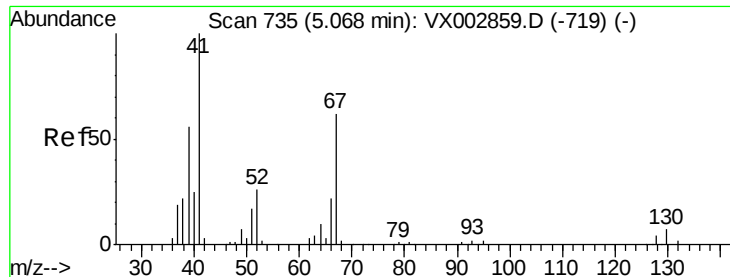
Tot Ion: 83 Resp: 89020
Ion Ratio Lower Upper
83 100
55 78.3 65.4 98.0
98 46.9 37.4 56.0



#40
Benzene
Concen: 20.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 78 Resp: 245090
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

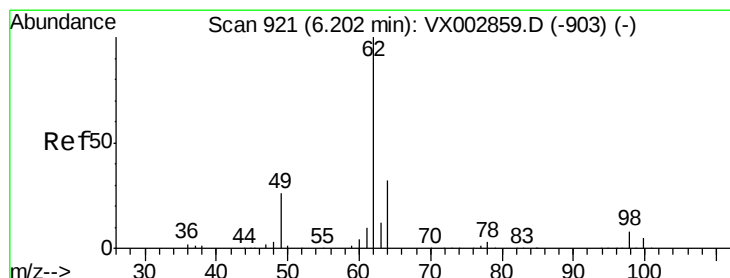
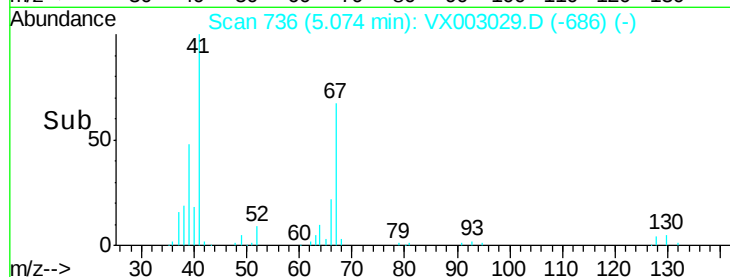
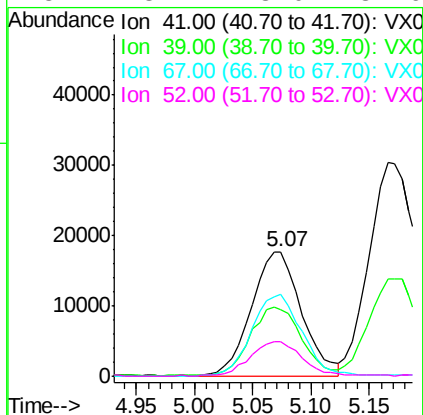
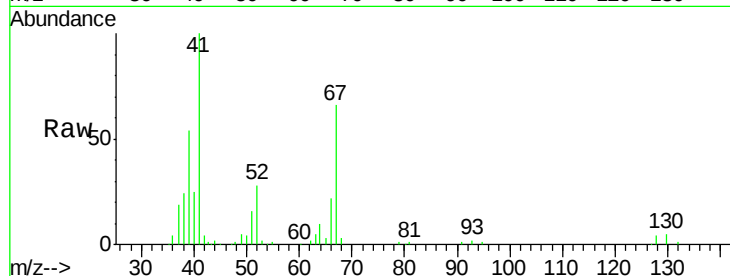




#41
Methacrylonitrile
Concen: 20.77 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

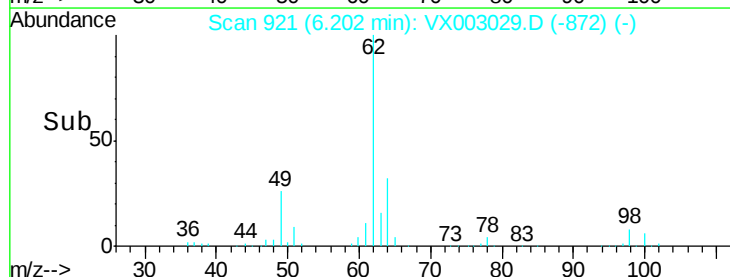
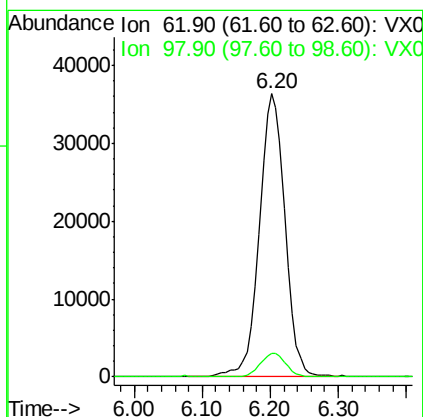
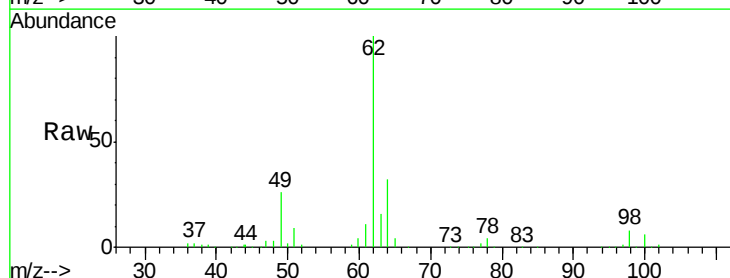
Instrument :
MSVOA_X
ClientSampled :

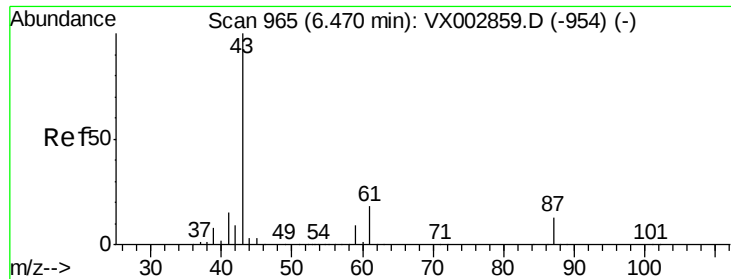
Tot Ion:	41	Resp:	52640
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.8	68.6
67	66.1	51.3	76.9
52	28.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.05 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion:	62	Resp:	96205
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



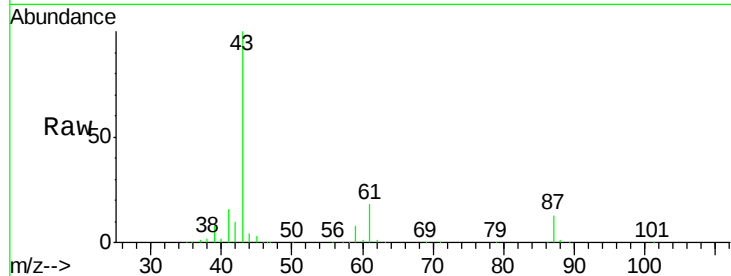


#43

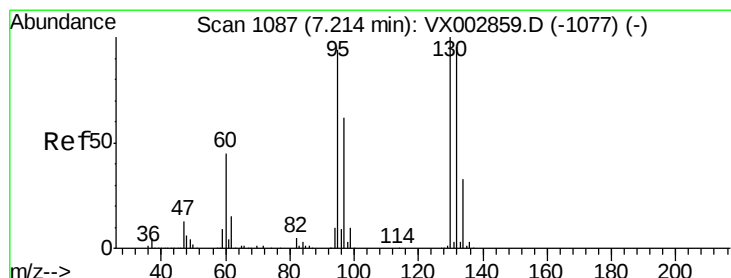
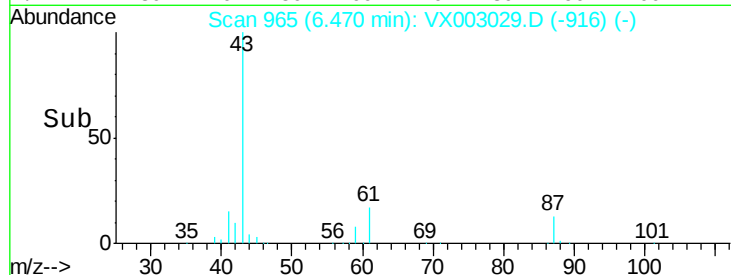
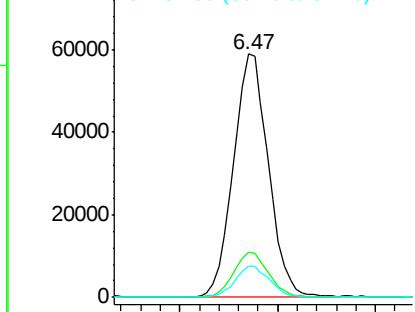
Isopropyl Acetate
 Concen: 19.73 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	145691
Ion Ratio	Lower	Upper	
43	100		
61	18.6	14.4	21.6
87	12.7	9.5	14.3



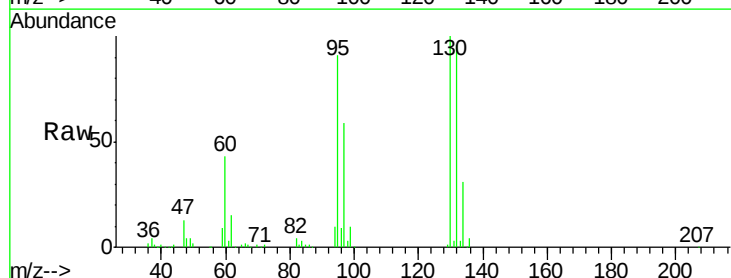
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



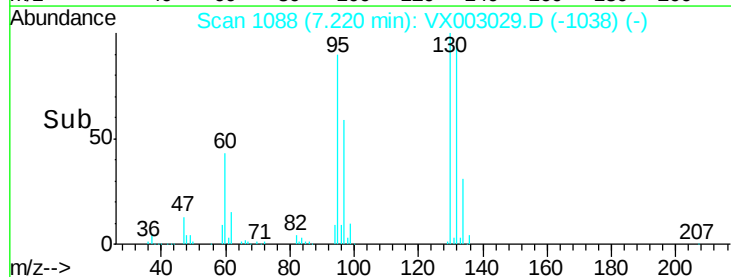
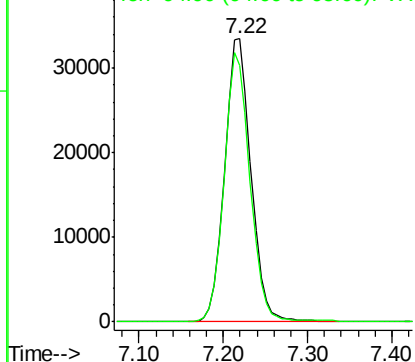
#44

Trichloroethene
 Concen: 20.24 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion	130	Resp	71690
Ion Ratio	Lower	Upper	
130	100		
95	90.7	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

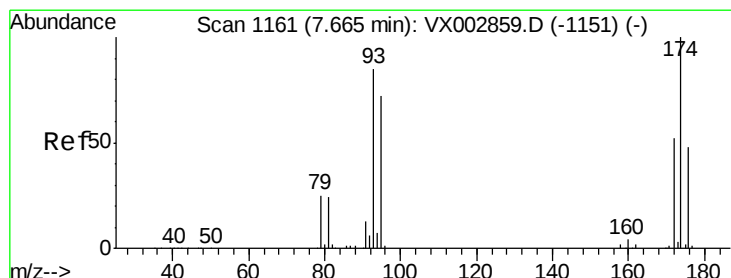
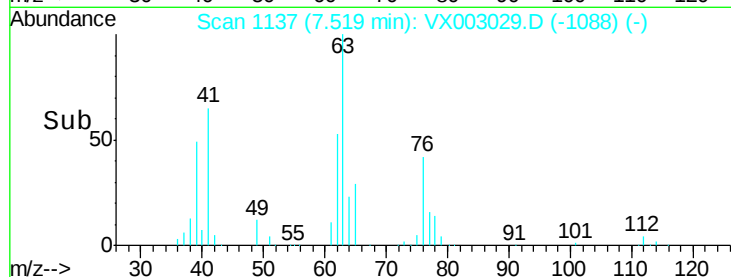
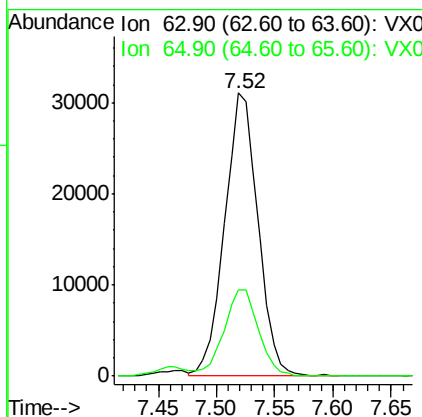
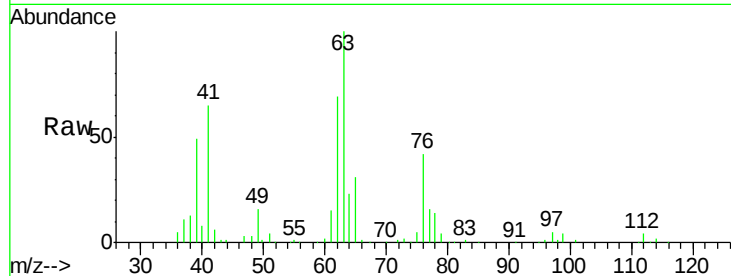




#45
 1,2-Dichloropropane
 Concen: 19.53 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

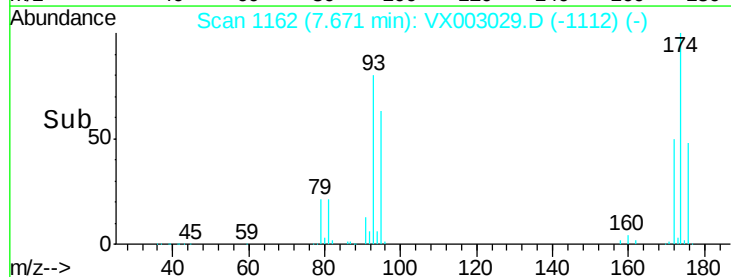
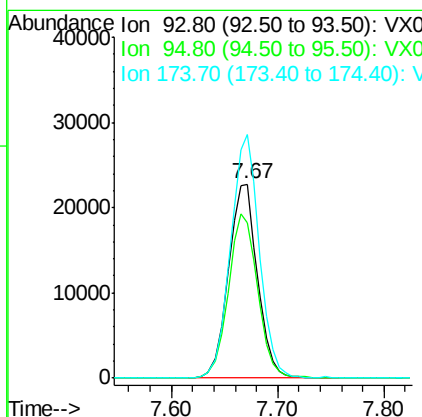
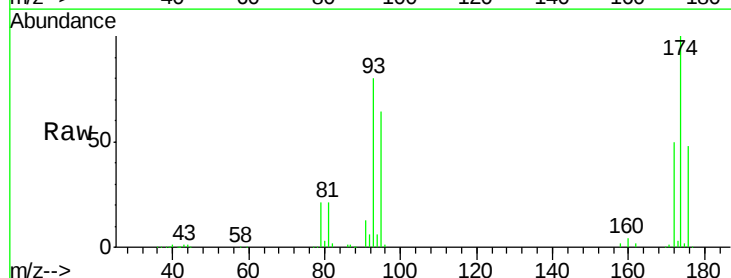
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 61547
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 19.95 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 93 Resp: 43624
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.9 98.9
 174 123.6 92.4 138.6





#47

Bromodichloromethane

Concen: 19.75 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :

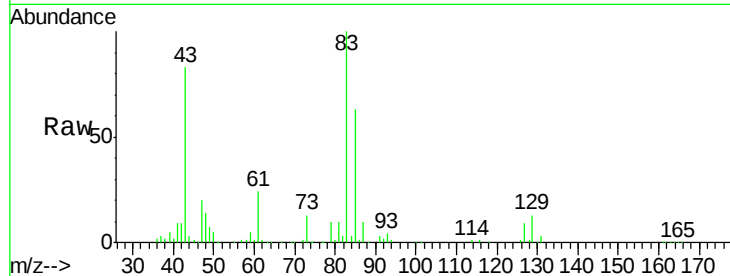
Tot Ion: 83 Resp: 79855

Ion Ratio Lower Upper

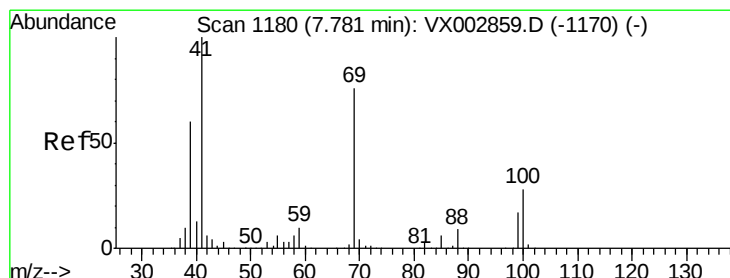
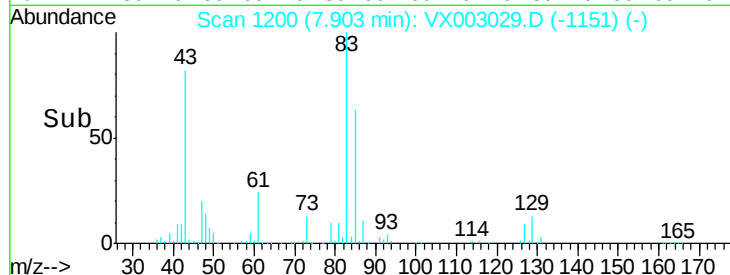
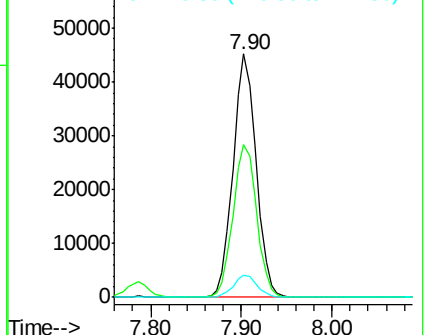
83 100

85 62.5 50.3 75.5

127 9.0 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.76 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

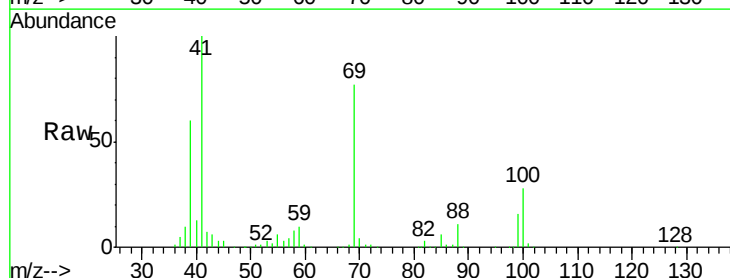
Tgt Ion: 41 Resp: 75155

Ion Ratio Lower Upper

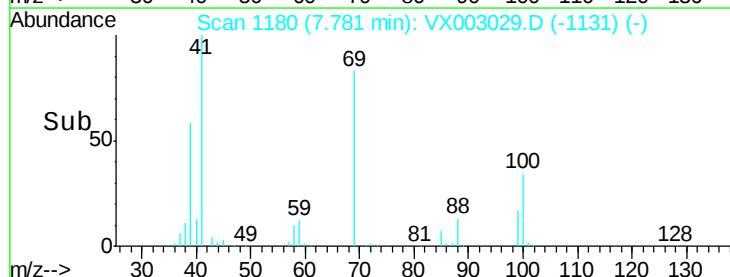
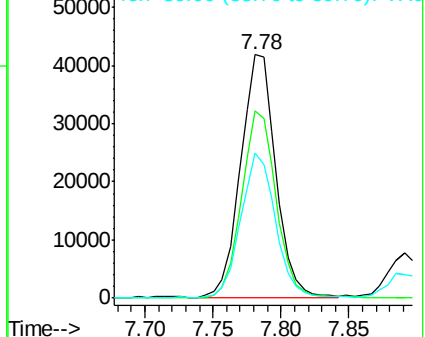
41 100

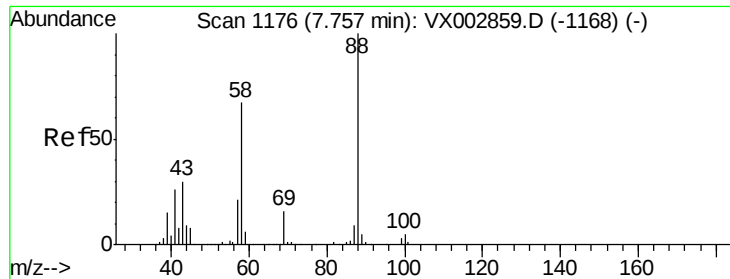
69 76.5 59.1 88.7

39 58.6 48.9 73.3



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

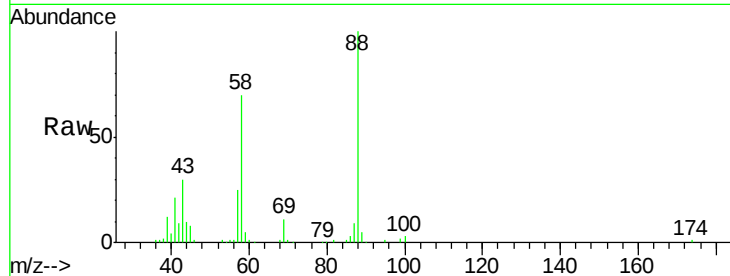




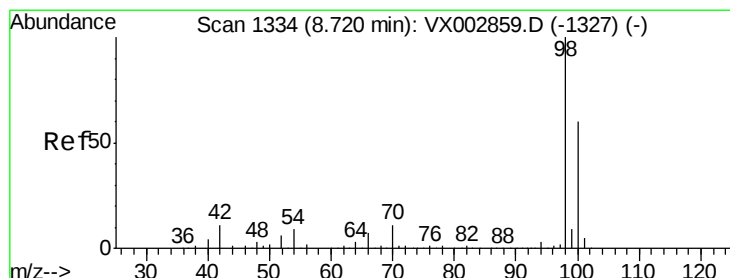
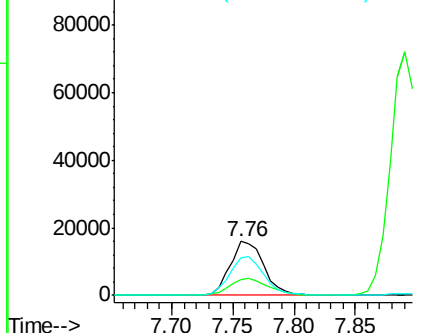
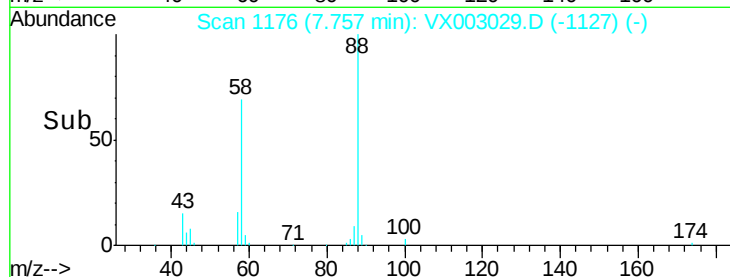
#49
 1,4-Dioxane
 Concen: 412.25 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 30512
 Ion Ratio Lower Upper
 88 100
 43 35.3 29.8 44.6
 58 73.3 57.1 85.7

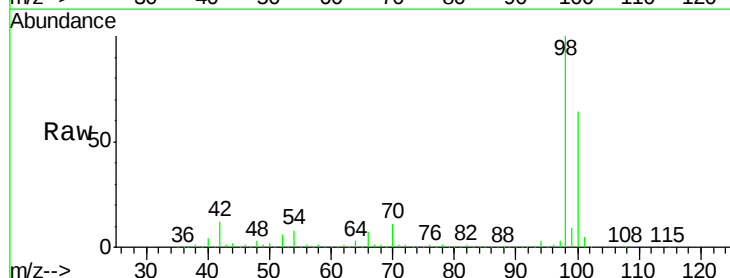


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

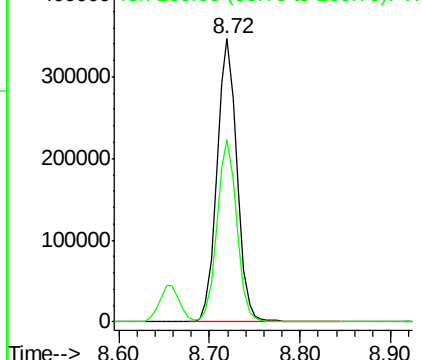
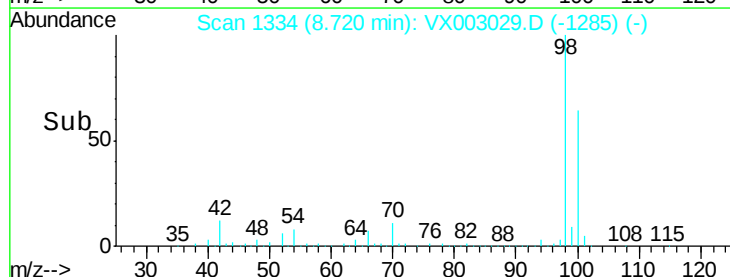


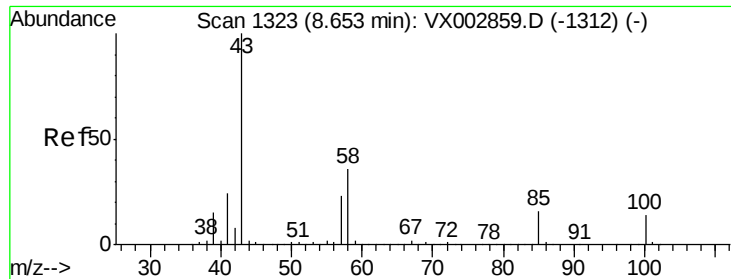
#50
 Toluene-d8
 Concen: 49.44 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 98 Resp: 533059
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 104.62 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

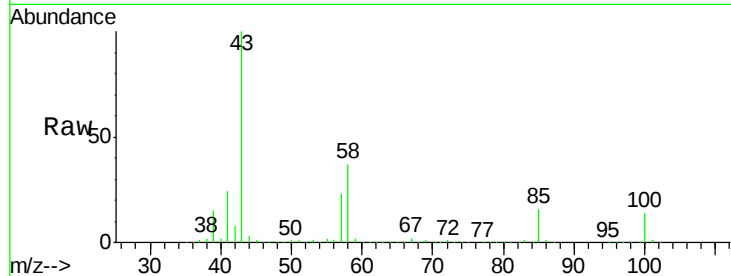
ClientSampled :

Tot Ion: 43 Resp: 483263

Ion Ratio Lower Upper

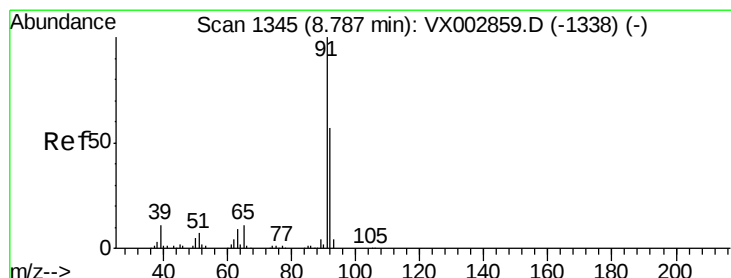
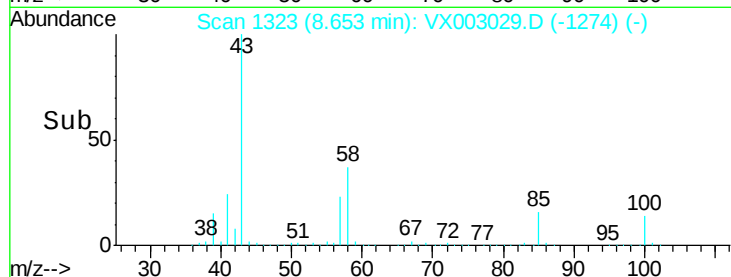
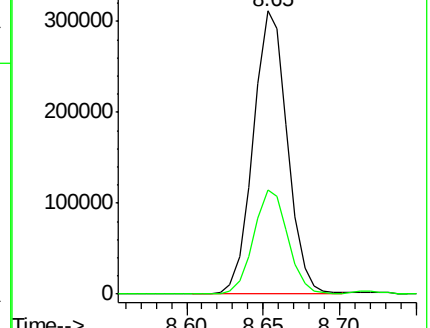
43 100

58 36.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.59 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003029.D

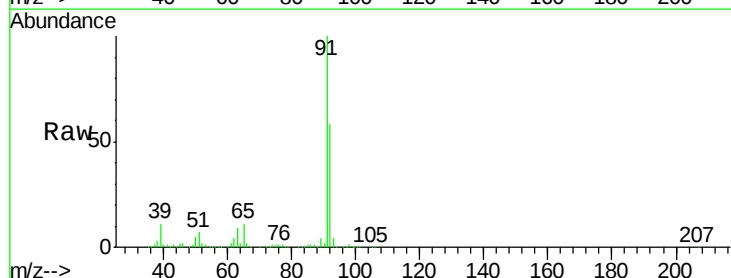
Acq: 29 Jun 2018 15:25

Tgt Ion: 92 Resp: 156711

Ion Ratio Lower Upper

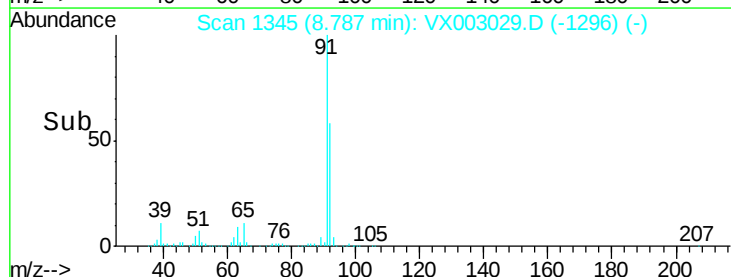
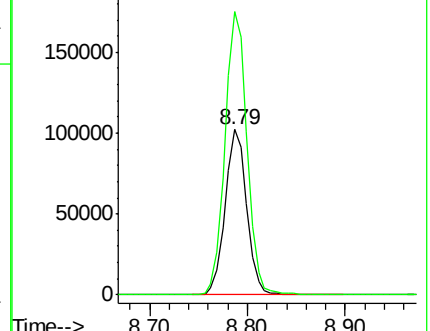
92 100

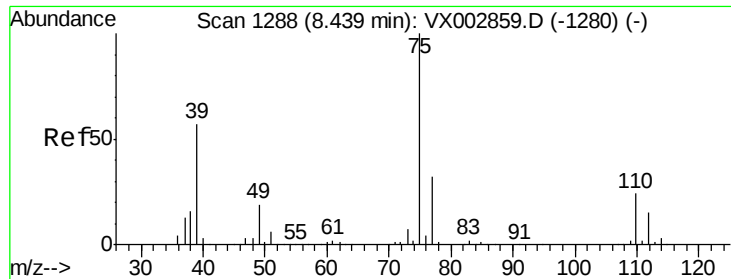
91 174.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

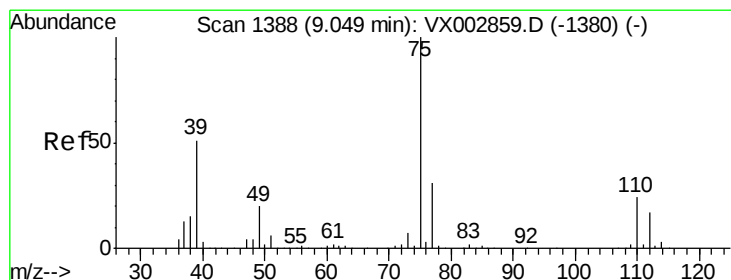
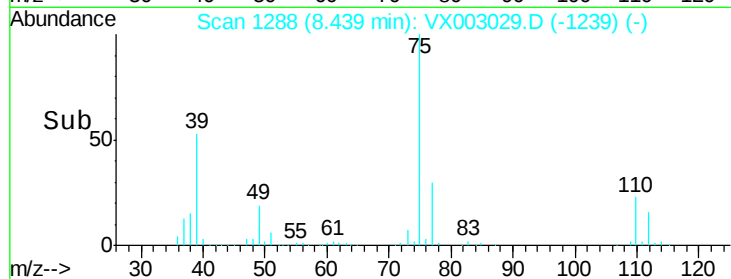
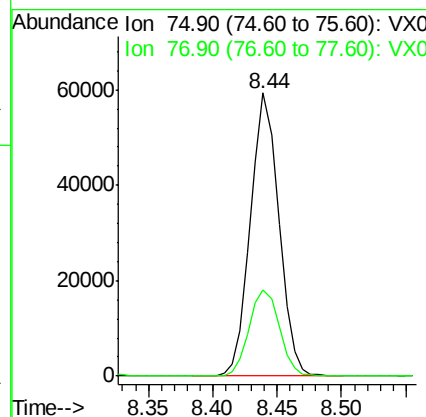
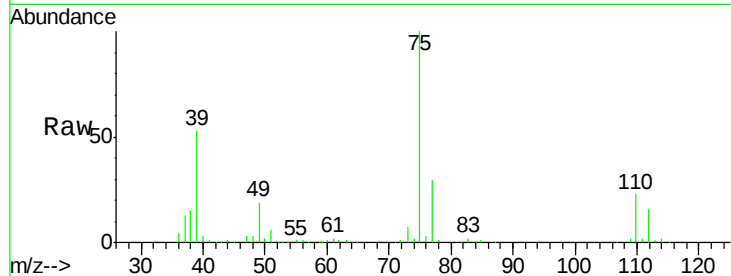




#53
t-1,3-Dichloropropene
Concen: 19.77 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

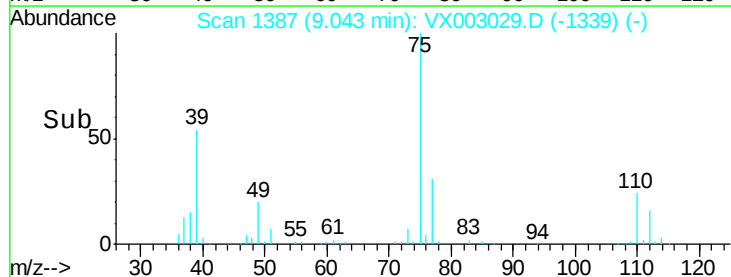
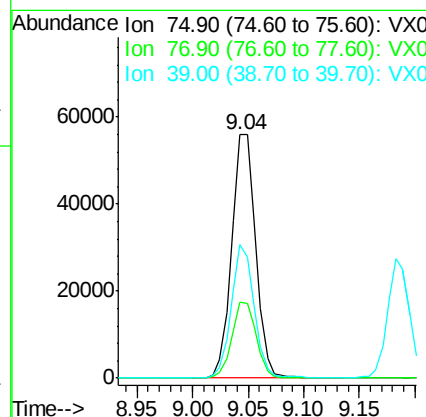
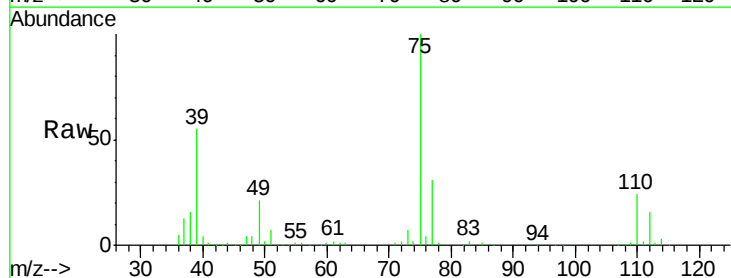
Instrument :
MSVOA_X
ClientSampleId :

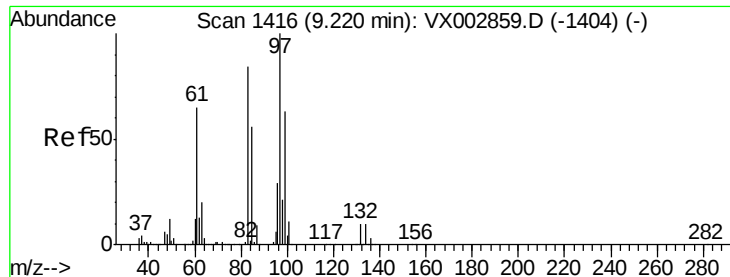
Tot Ion: 75 Resp: 90519
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.95 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 75 Resp: 83506
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 54.3 42.4 63.6

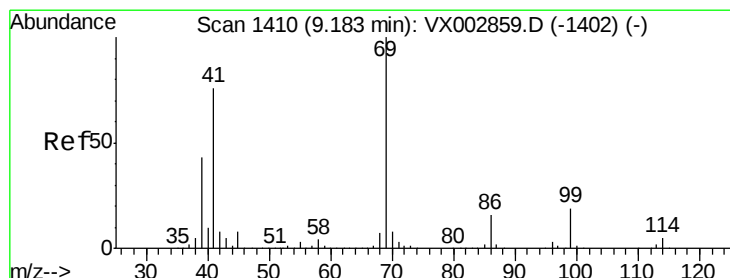
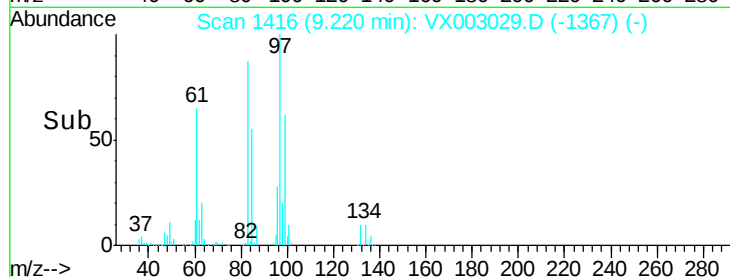
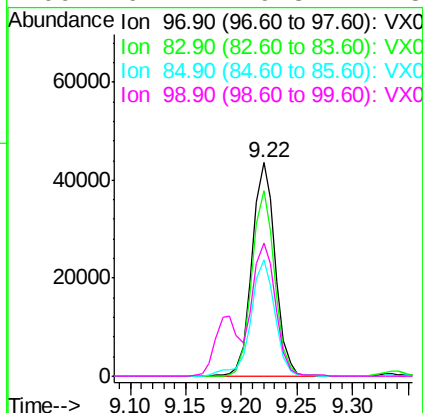
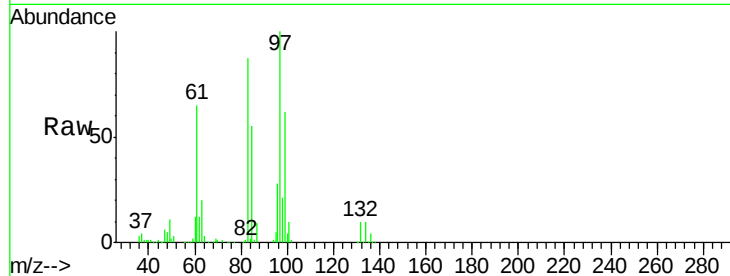




#55
 1,1,2-Trichloroethane
 Concen: 20.33 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

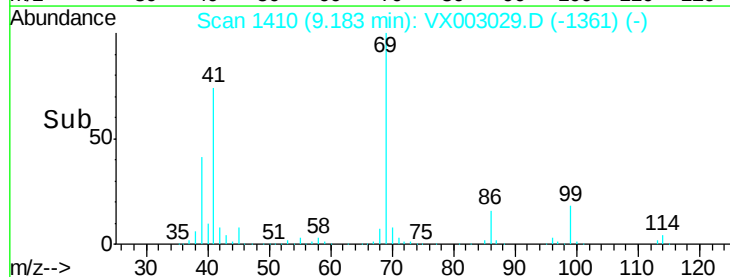
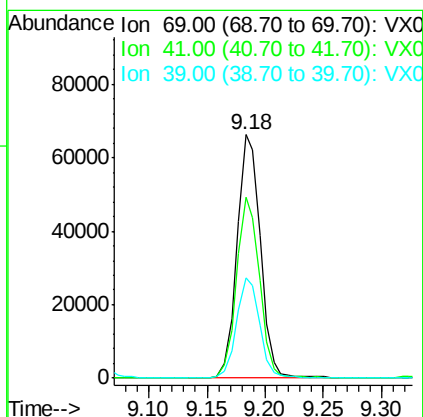
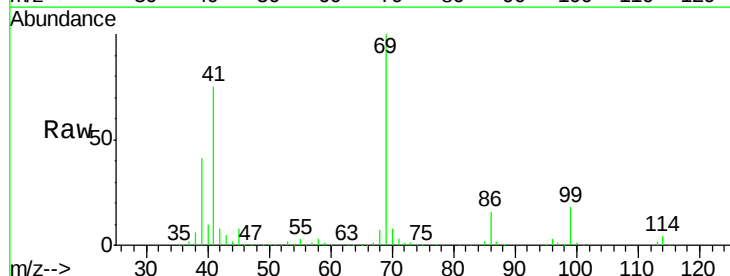
Instrument :
 MSVOA_X
 ClientSampleId :

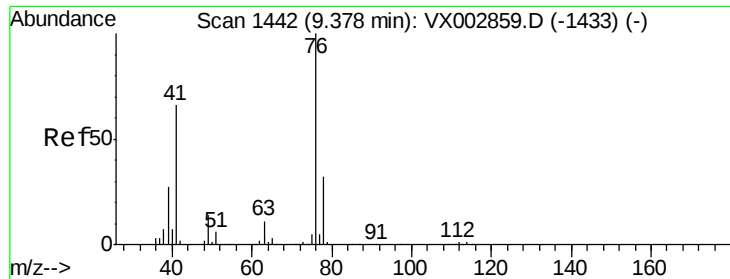
Tot Ion:	97	Resp:	63564
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	54.7	44.9	67.3
99	62.2	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.34 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion:	69	Resp:	92943
Ion	Ratio	Lower	Upper
69	100		
41	73.0	60.3	90.5
39	40.5	35.8	53.8

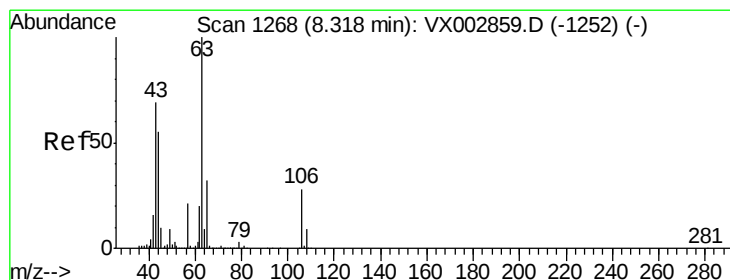
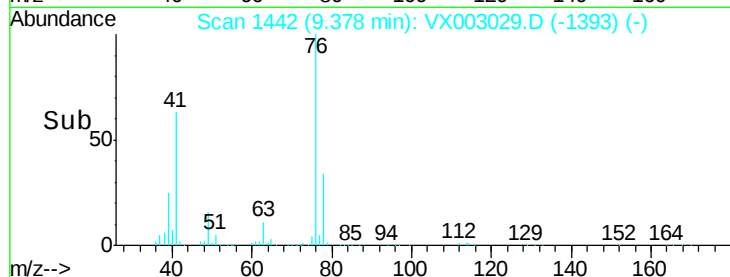
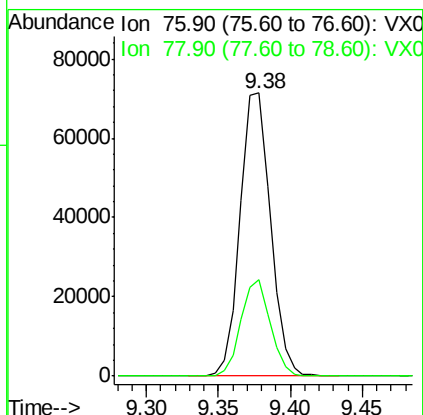
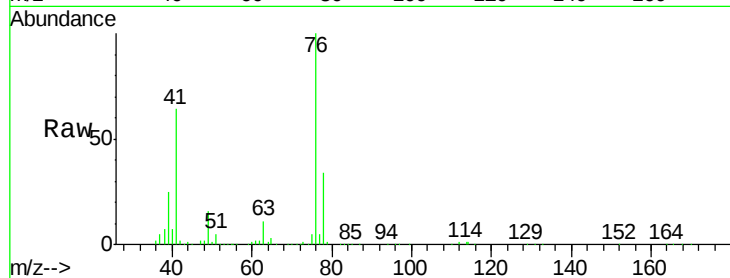




#57
 1,3-Dichloropropane
 Concen: 20.46 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

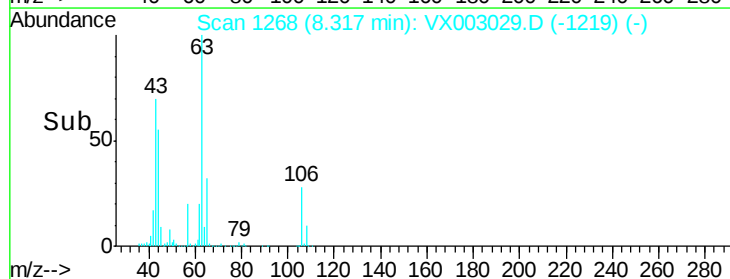
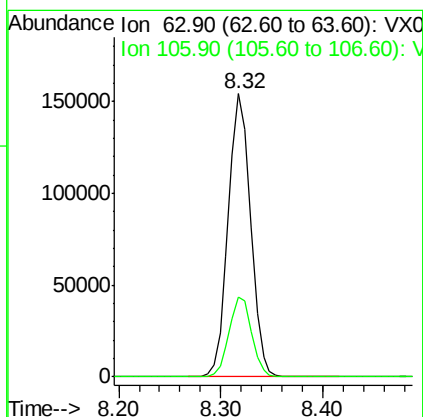
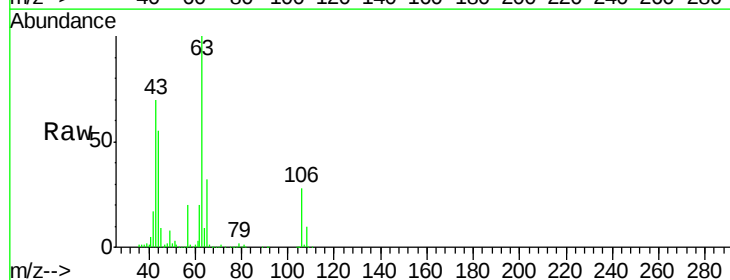
Instrument :
 MSVOA_X
 ClientSampleId :

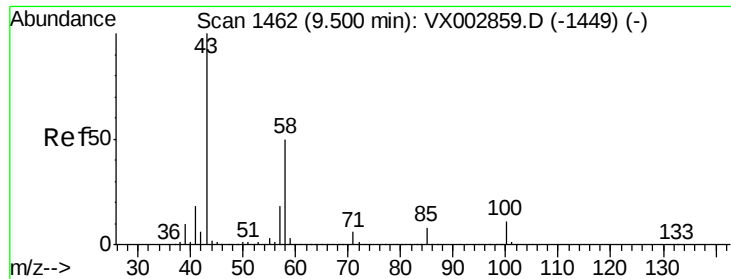
Tot Ion: 76 Resp: 105086
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.42 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 63 Resp: 234650
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8

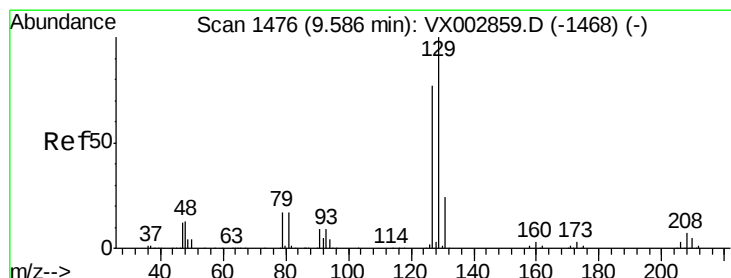
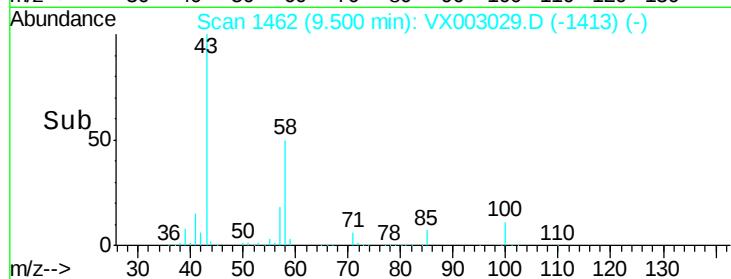
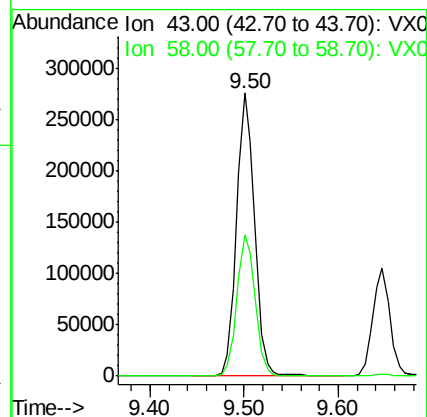
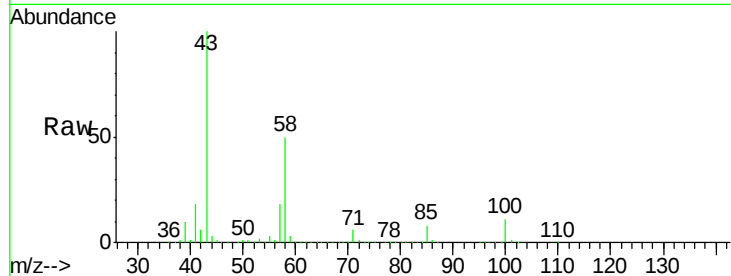




#59
2-Hexanone
Concen: 104.41 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

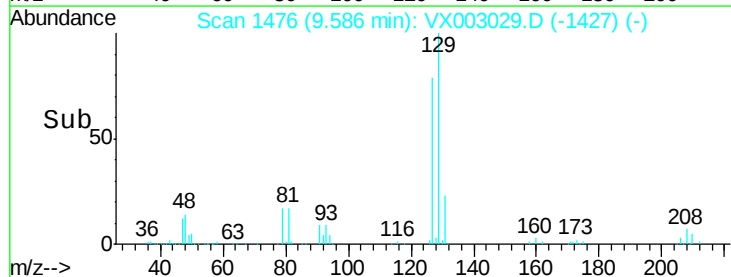
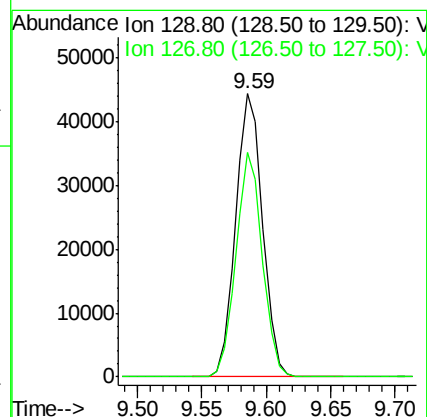
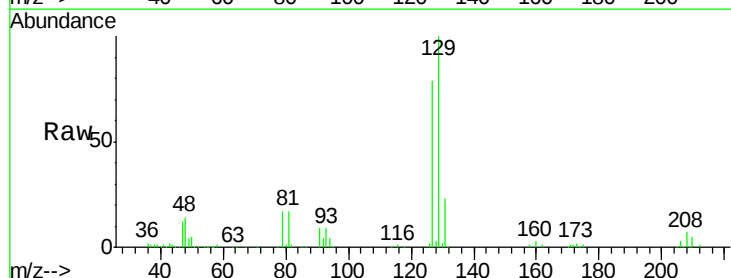
Instrument :
MSVOA_X
ClientSampleId :

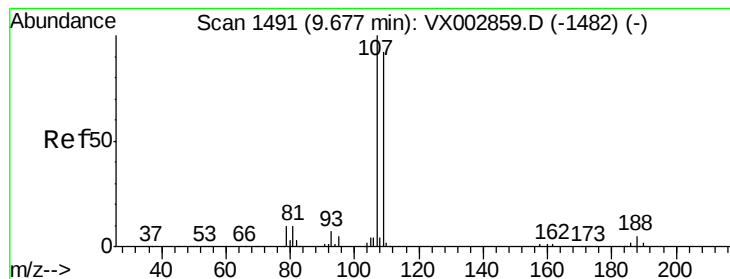
Tot Ion: 43 Resp: 366557
Ion Ratio Lower Upper
43 100
58 50.6 24.6 73.6



#60
Dibromochloromethane
Concen: 19.65 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 129 Resp: 64677
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.34 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

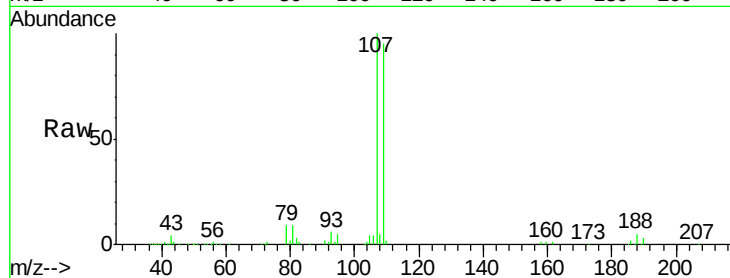
ClientSampleId :

Tot Ion:107 Resp: 66734

Ion Ratio Lower Upper

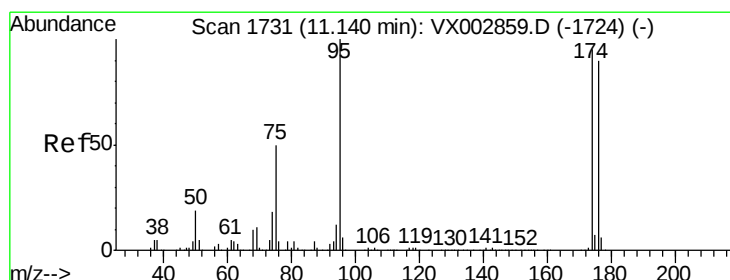
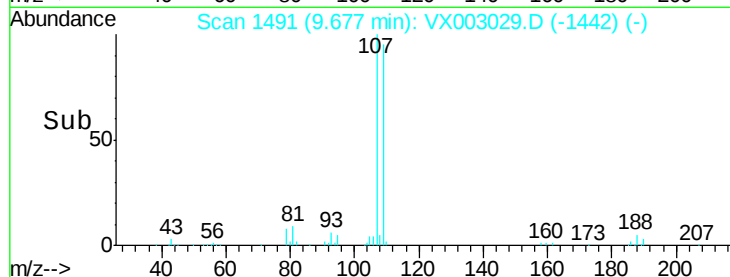
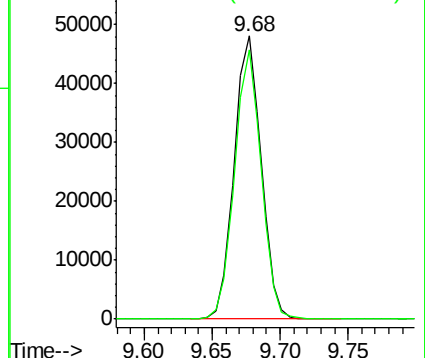
107 100

109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

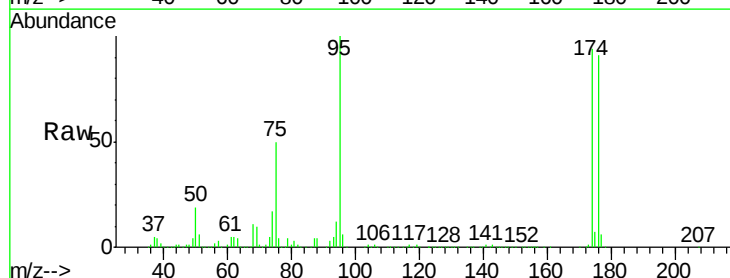
Tgt Ion: 95 Resp: 201798

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.4

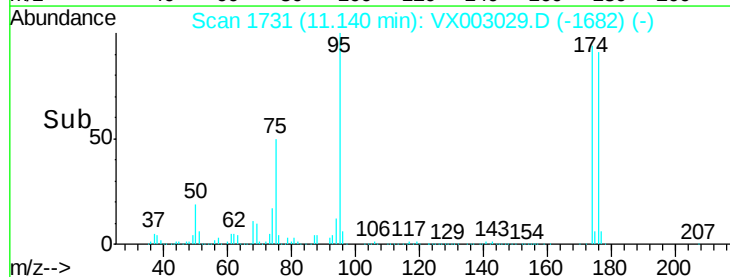
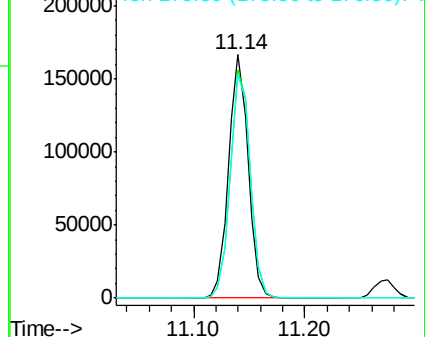
176 94.9 0.0 181.0

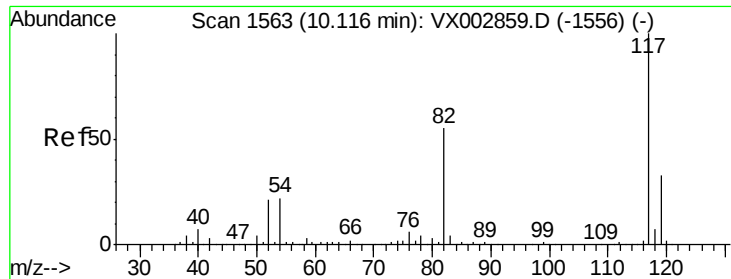


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

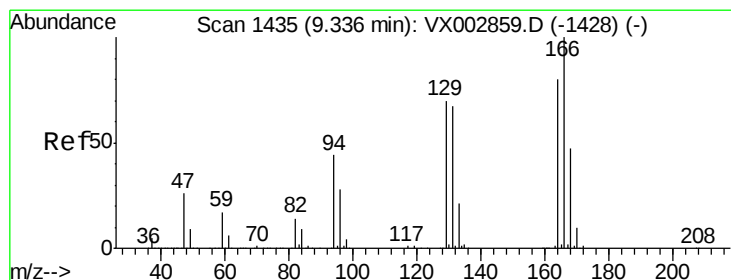
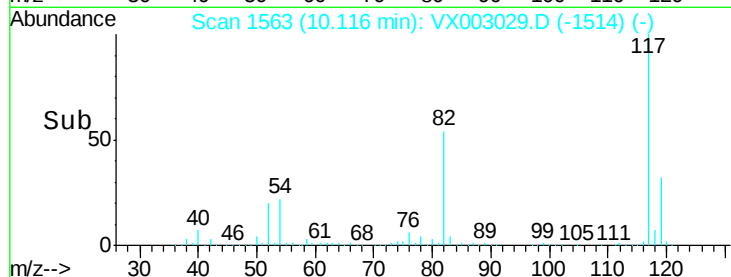
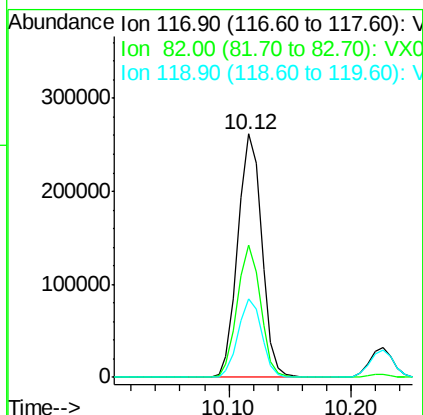
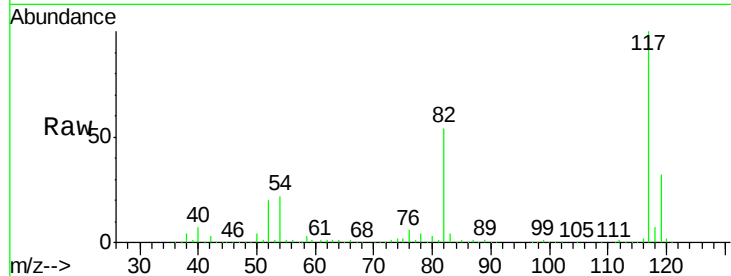




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

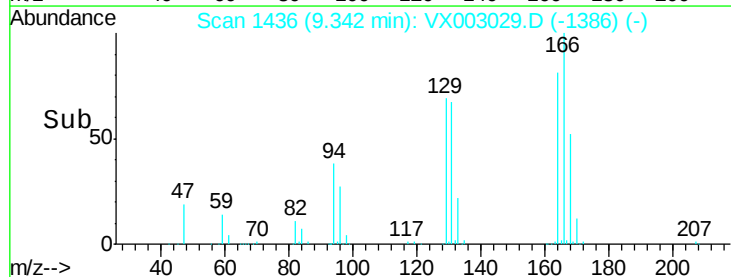
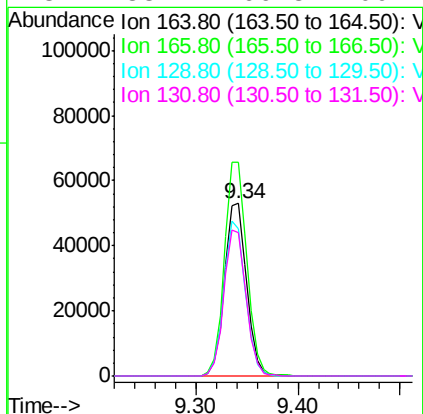
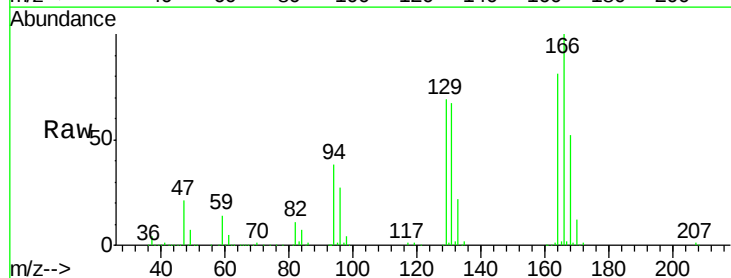
Instrument :
MSVOA_X
ClientSampleId :

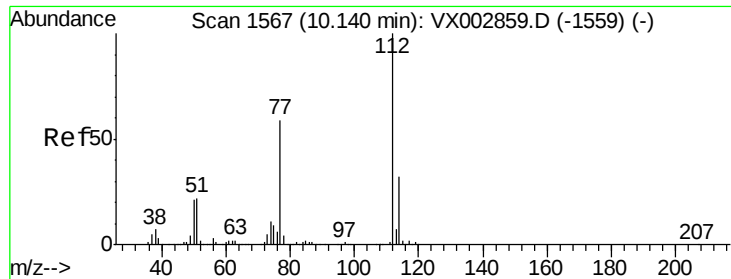
Tot Ion:117 Resp: 354066
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 20.22 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion:164 Resp: 79606
Ion Ratio Lower Upper
164 100
166 123.8 102.9 154.3
129 85.2 68.6 102.8
131 83.4 66.8 100.2

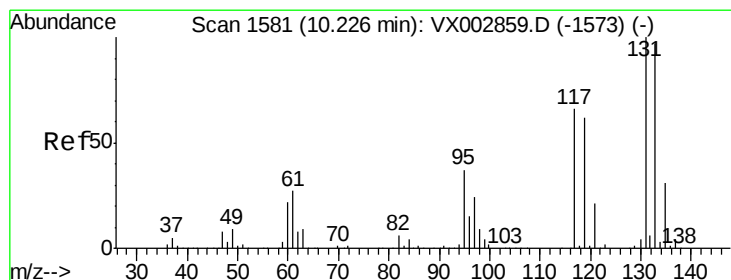
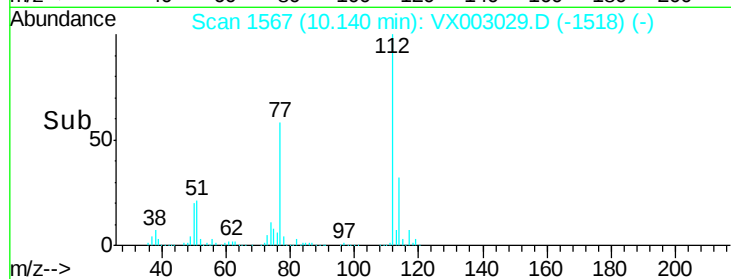
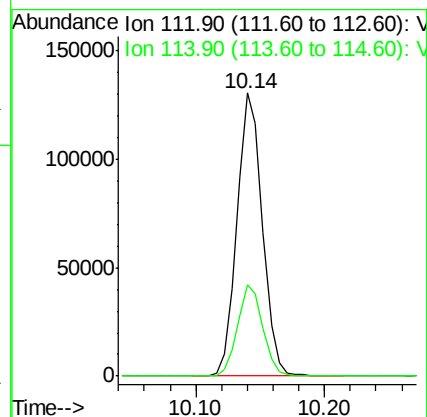
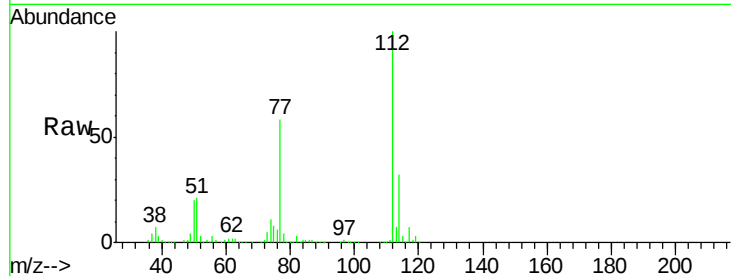




#65
Chlorobenzene
Concen: 20.02 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

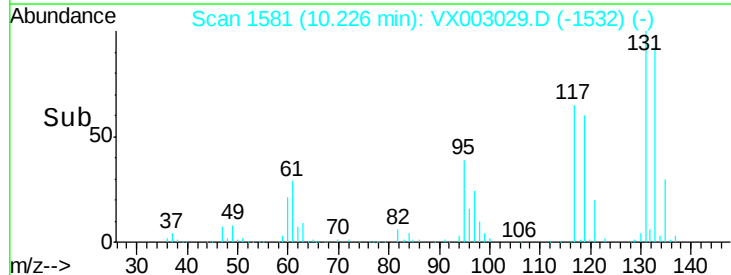
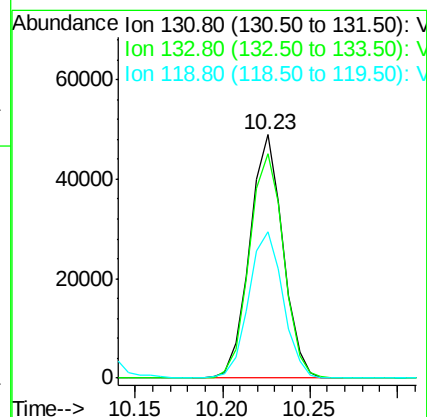
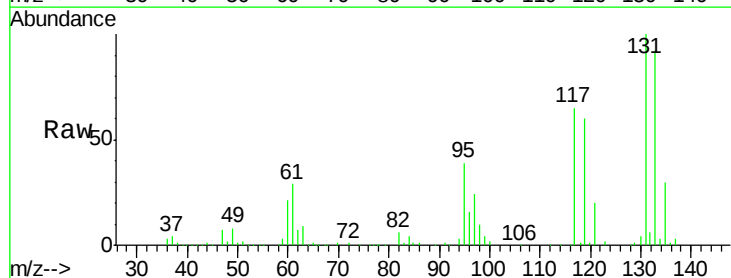
Instrument :
MSVOA_X
ClientSampled :

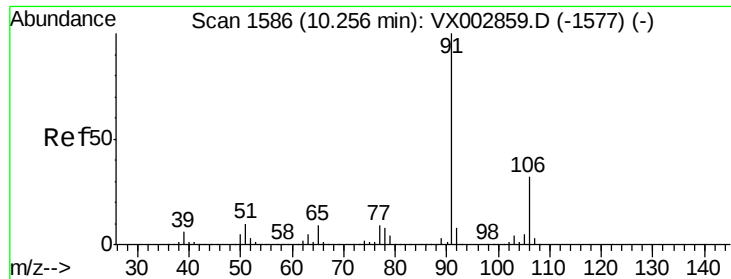
Tot Ion:112 Resp: 180024
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.76 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion:131 Resp: 64559
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 62.4 31.8 95.3

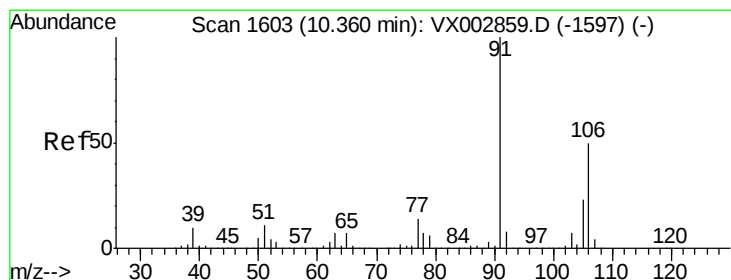
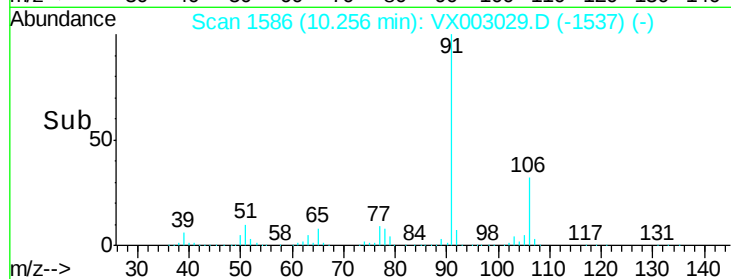
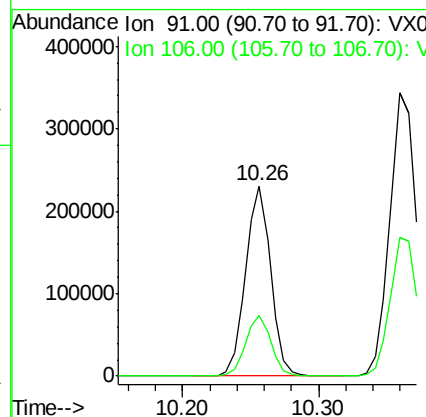
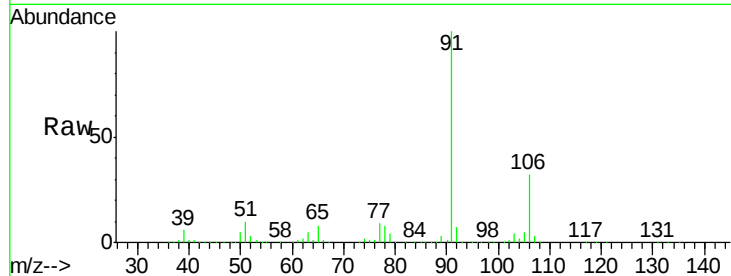




#67
Ethyl Benzene
Concen: 19.99 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

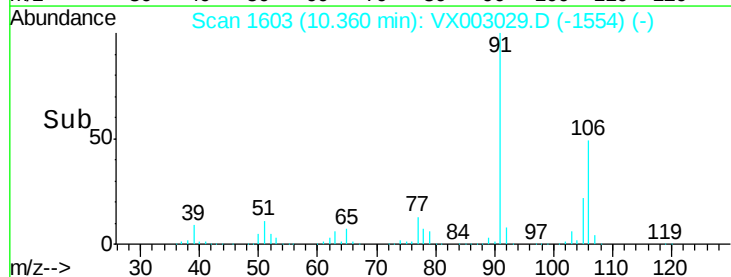
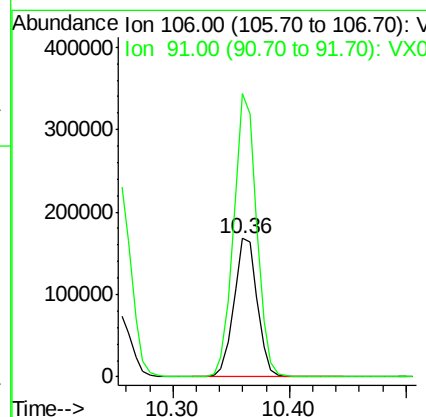
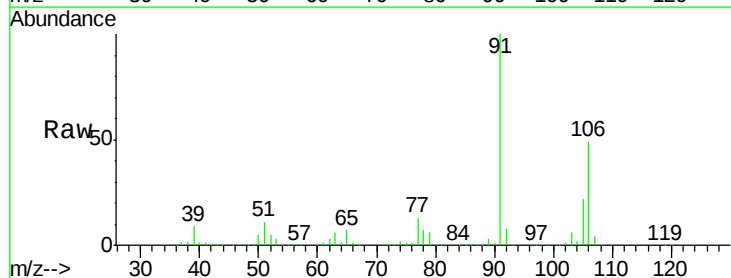
Instrument :
MSVOA_X
ClientSampleId :

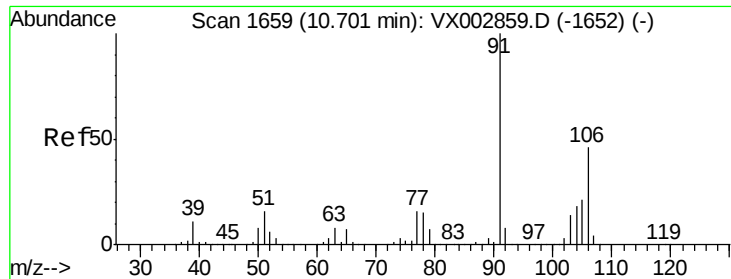
Tot Ion: 91 Resp: 296949
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 40.92 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 106 Resp: 234293
Ion Ratio Lower Upper
106 100
91 200.8 163.4 245.2

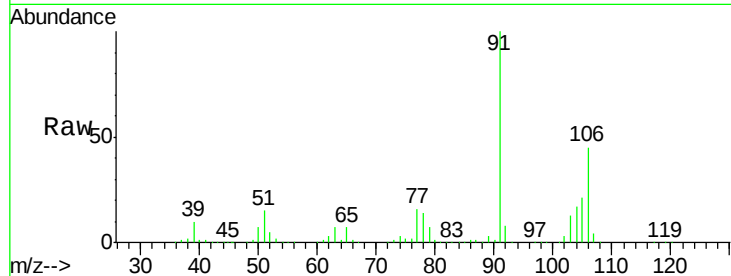




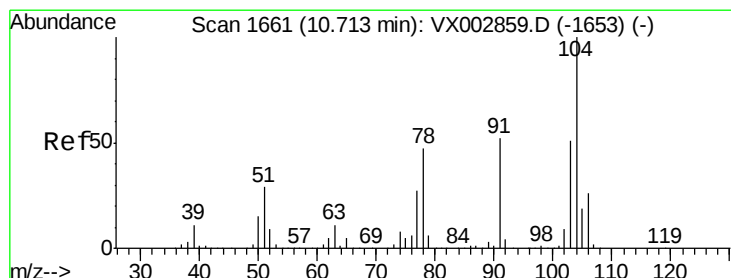
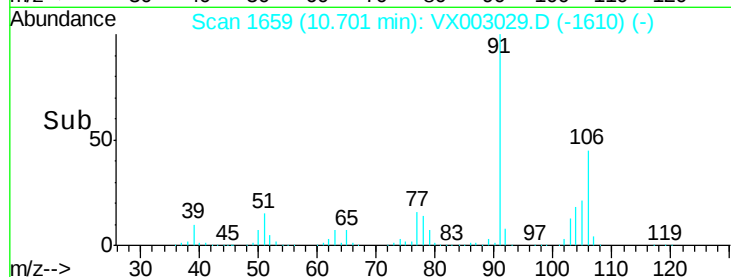
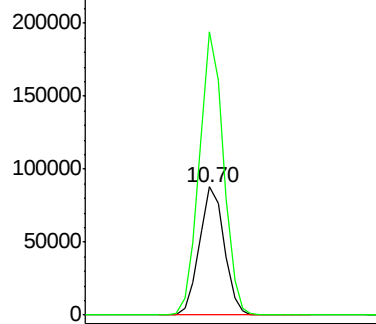
#69
o-Xylene
Concen: 20.11 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 112132
Ion Ratio Lower Upper
106 100
91 214.7 108.2 324.6

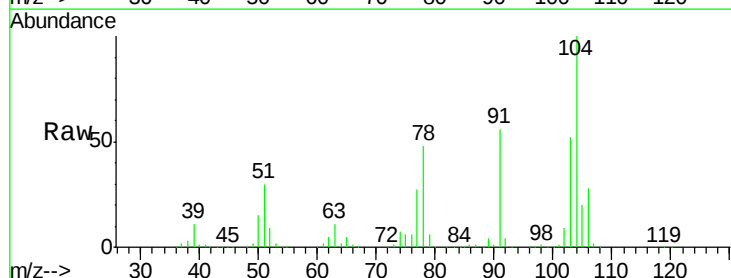


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

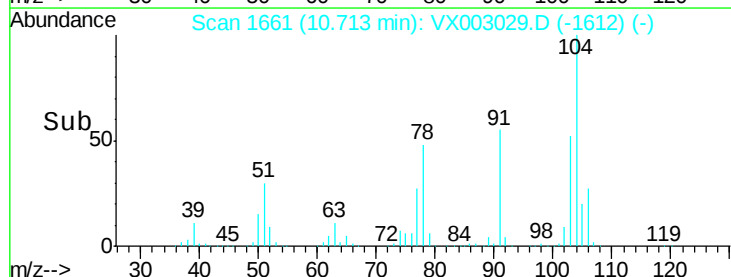
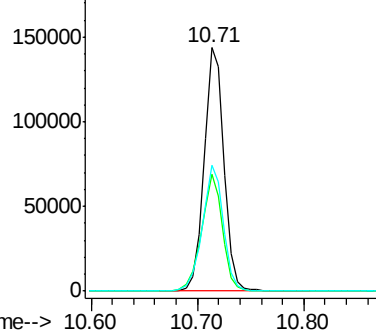


#70
Styrene
Concen: 20.70 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion:104 Resp: 187510
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.6
103 54.8 44.2 66.4



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

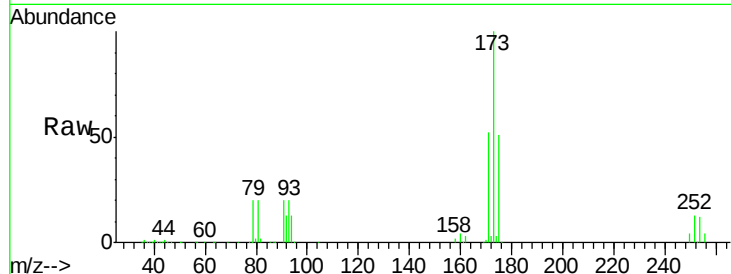




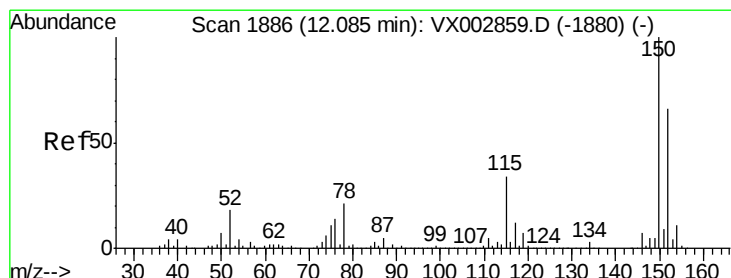
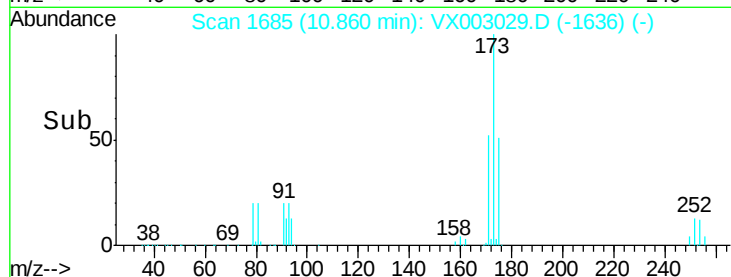
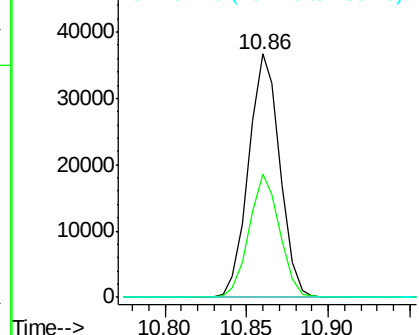
#71
Bromoform
Concen: 19.25 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 49127
Ion Ratio Lower Upper
173 100
175 49.3 24.7 74.1
254 0.1 0.2 0.2#

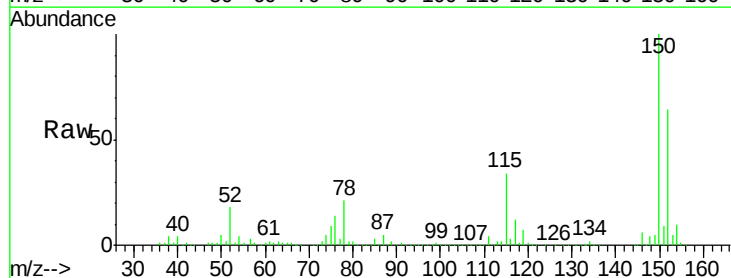


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

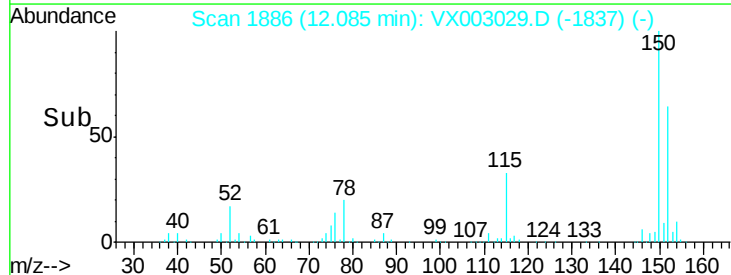
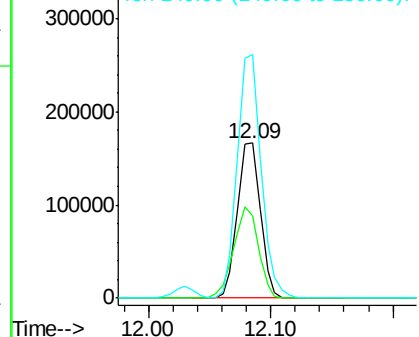


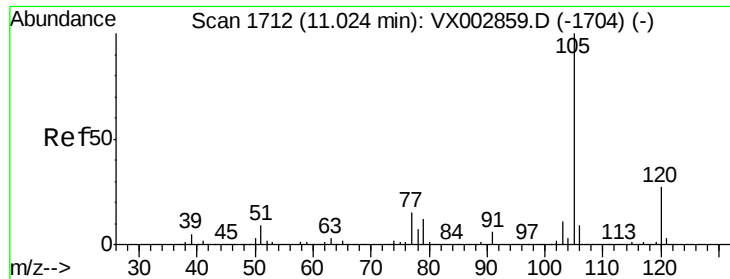
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion:152 Resp: 215560
Ion Ratio Lower Upper
152 100
115 63.4 40.1 120.2
150 163.2 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.87 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

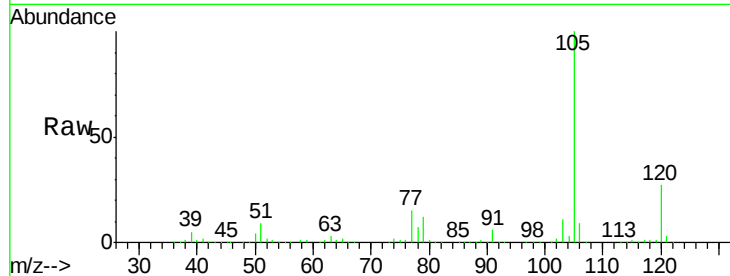
ClientSampleId :

Tot Ion:105 Resp: 302585

Ion Ratio Lower Upper

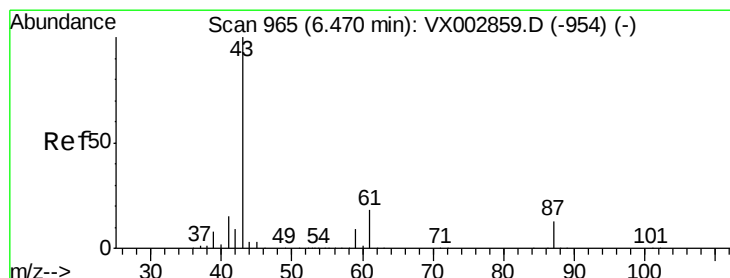
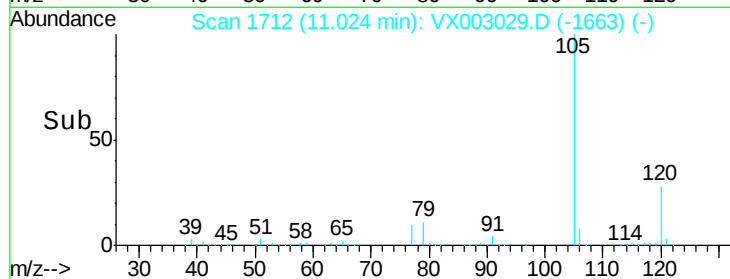
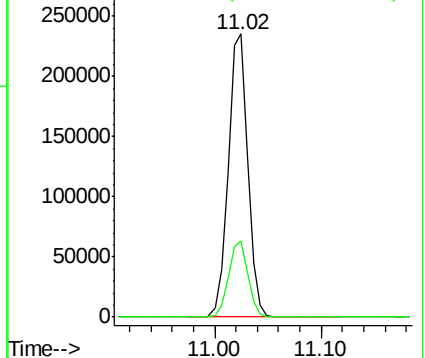
105 100

120 27.0 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: 20.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion: 43 Resp: 145691

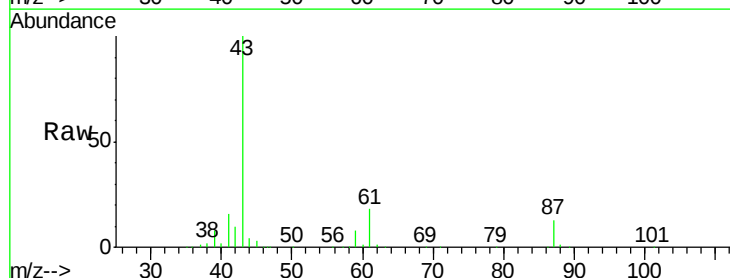
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.6 14.4 21.6

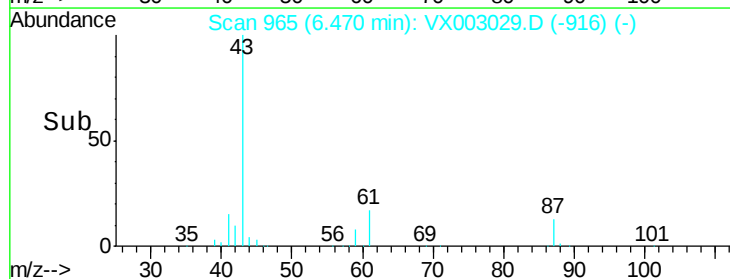
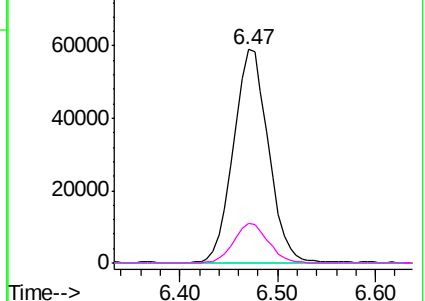


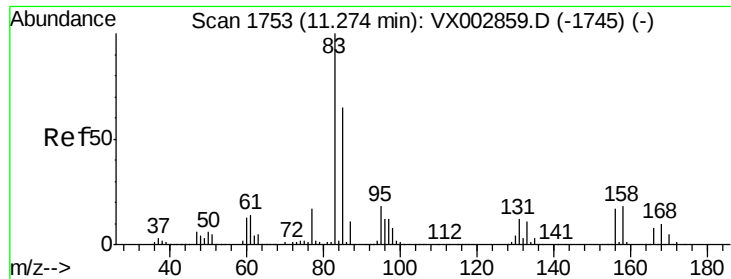
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.26 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampled :

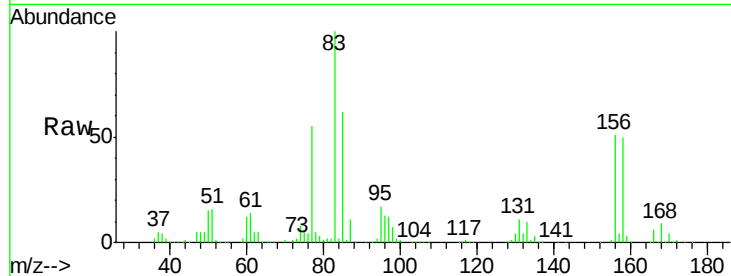
Tot Ion: 83 Resp: 94968

Ion Ratio Lower Upper

83 100

131 11.6 5.6 16.8

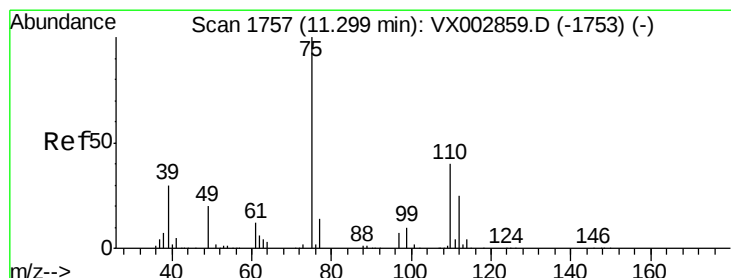
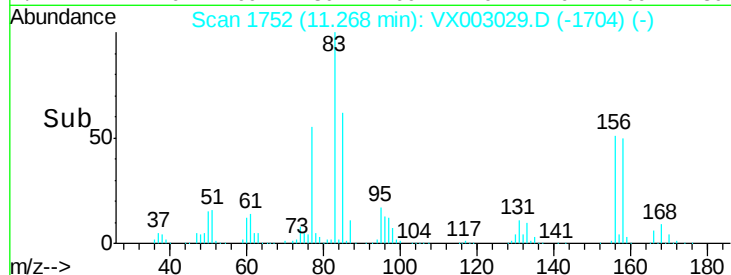
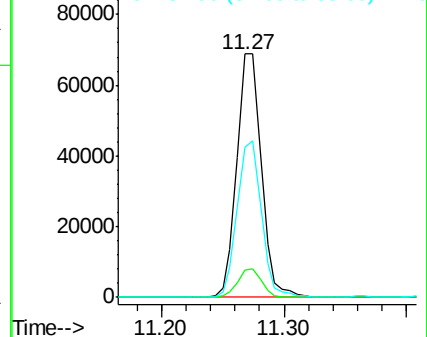
85 63.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.42 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003029.D

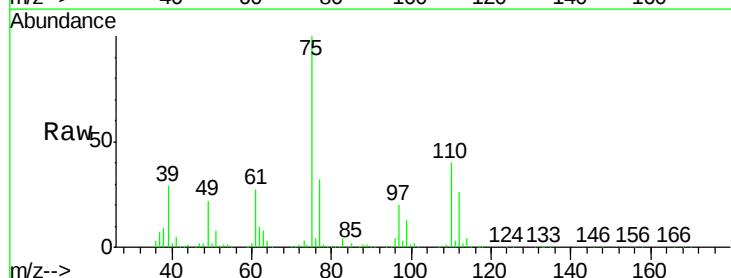
Acq: 29 Jun 2018 15:25

Tgt Ion: 75 Resp: 103164

Ion Ratio Lower Upper

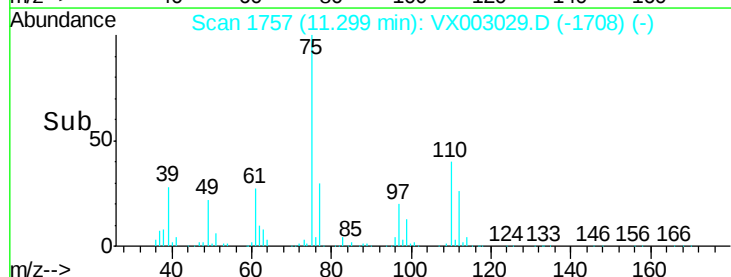
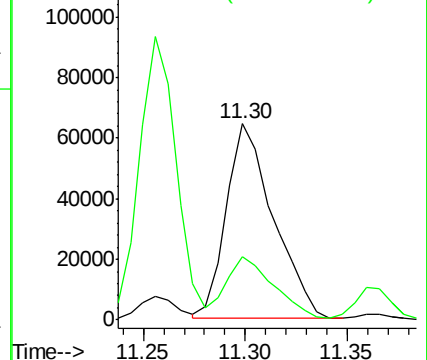
75 100

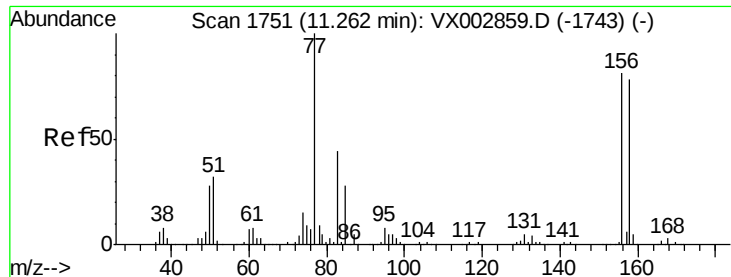
77 33.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.59 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

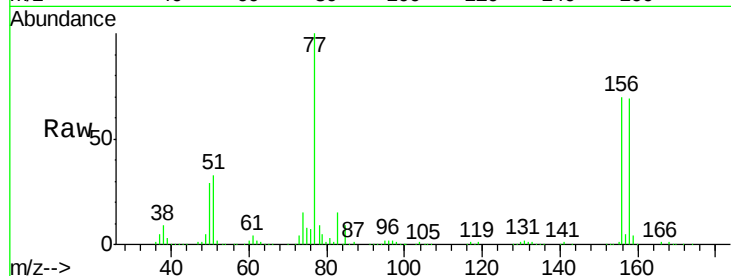
Tot Ion:156 Resp: 85041

Ion Ratio Lower Upper

156 100

77 138.5 71.4 214.2

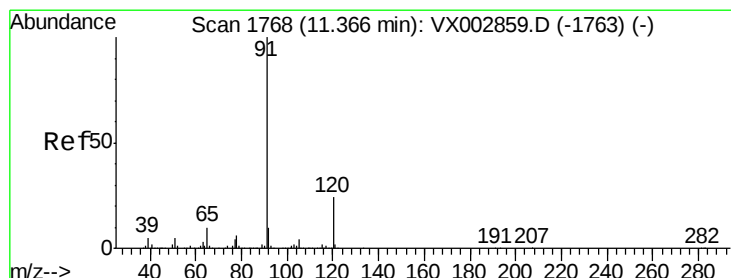
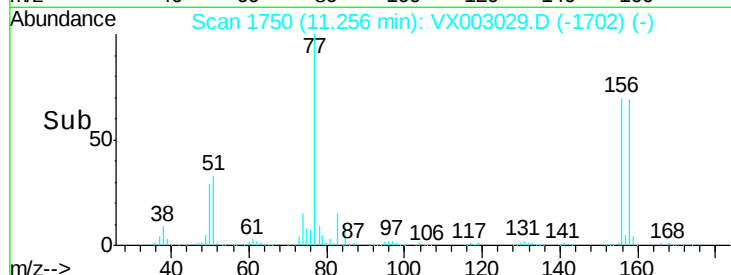
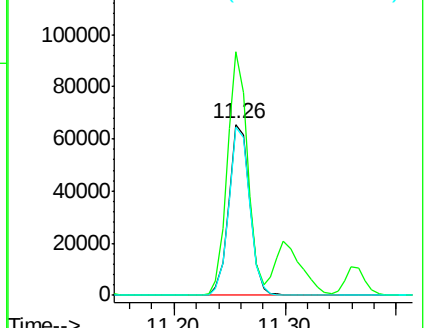
158 97.7 48.9 146.6



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: 20.41 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003029.D

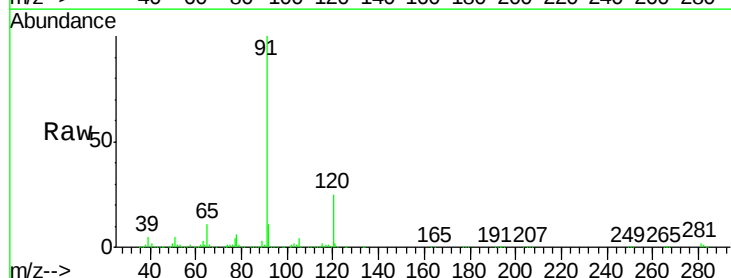
Acq: 29 Jun 2018 15:25

Tgt Ion: 91 Resp: 336870

Ion Ratio Lower Upper

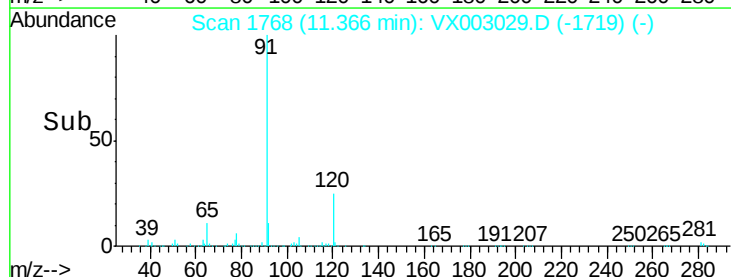
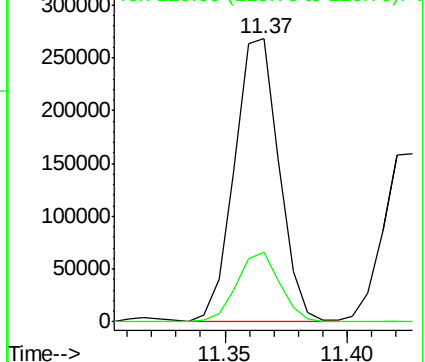
91 100

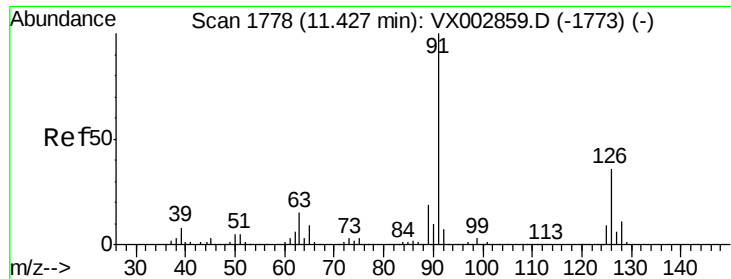
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

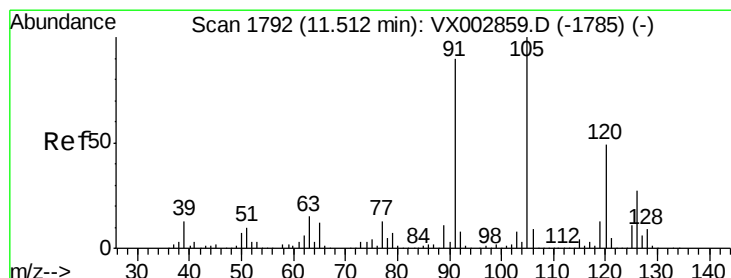
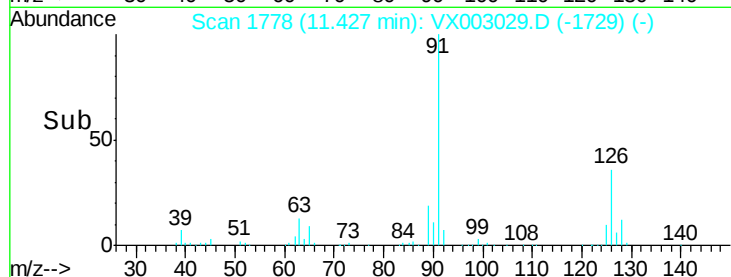
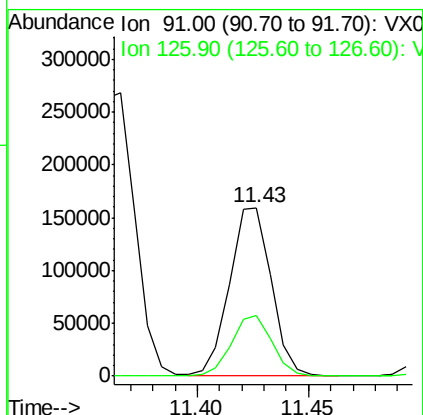
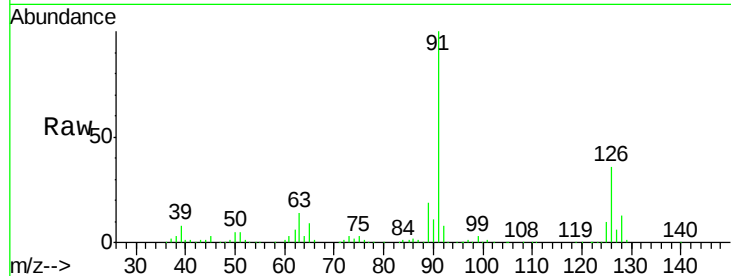




#79
 2-Chlorotoluene
 Concen: 20.70 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

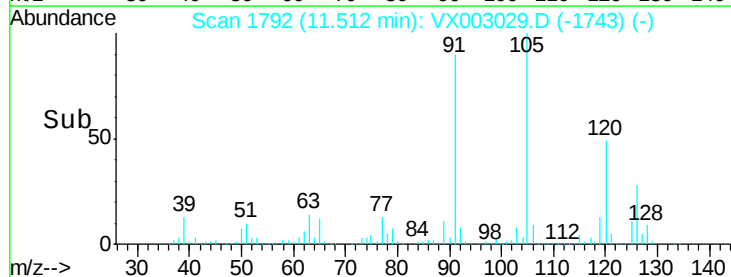
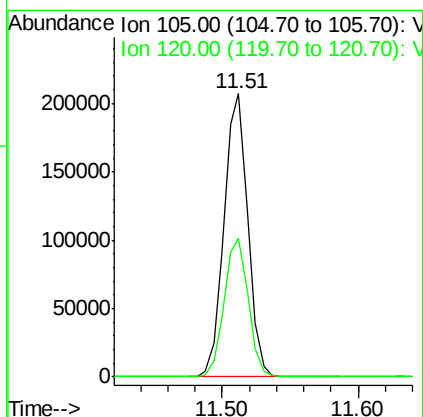
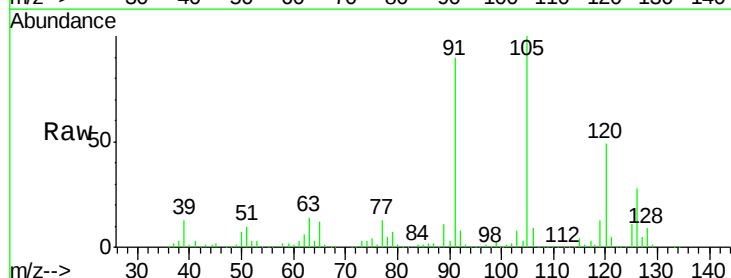
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 206894
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.49 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 105 Resp: 250263
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.56 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

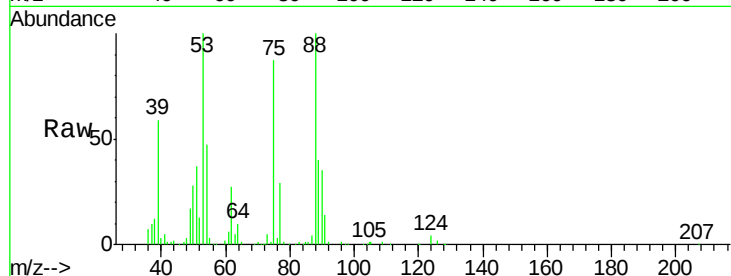
Tot Ion: 75 Resp: 21930

Ion Ratio Lower Upper

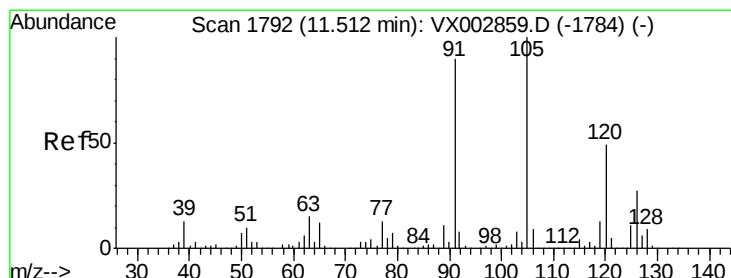
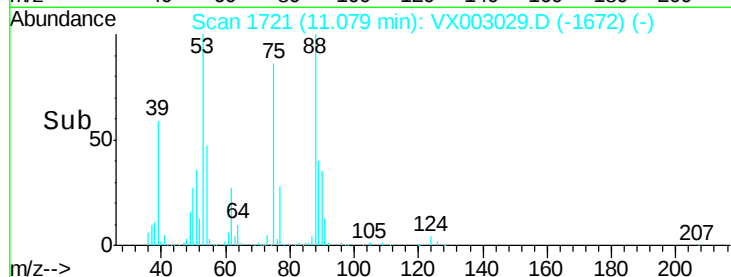
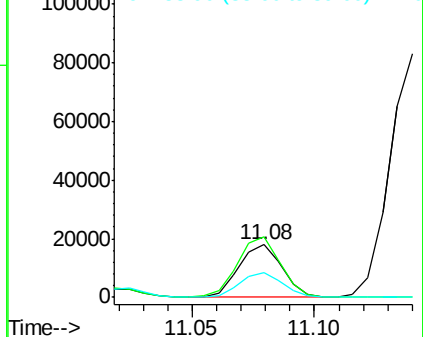
75 100

53 117.1 86.8 130.2

89 47.1 38.2 57.2



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



#82

4-Chlorotoluene

Concen: 20.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003029.D

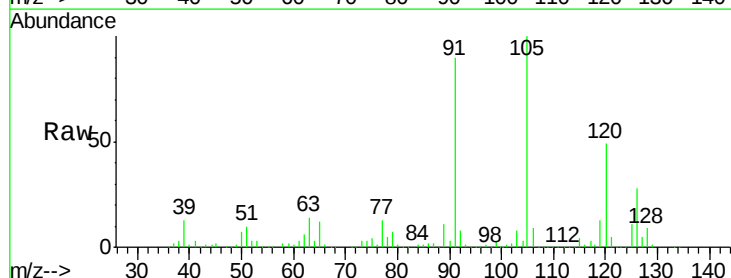
Acq: 29 Jun 2018 15:25

Tgt Ion: 91 Resp: 239677

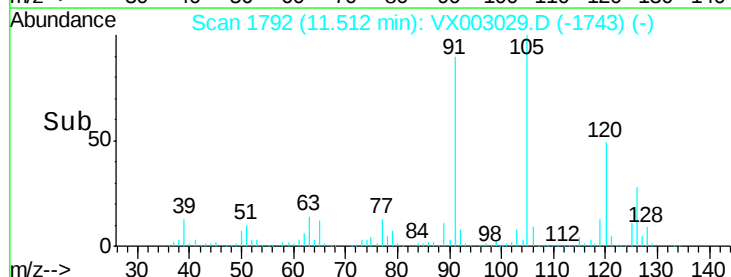
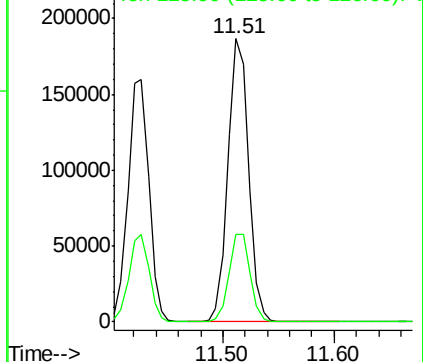
Ion Ratio Lower Upper

91 100

126 31.8 15.4 46.4



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

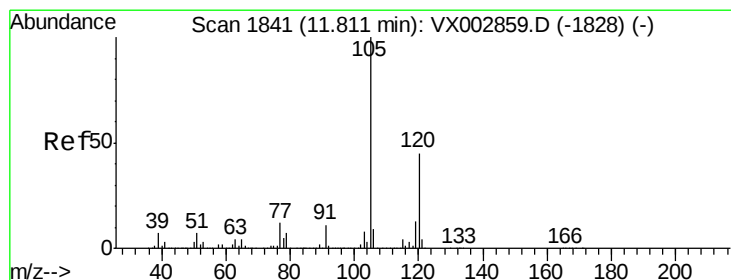
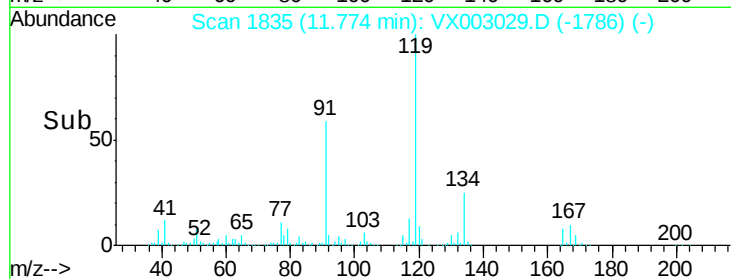
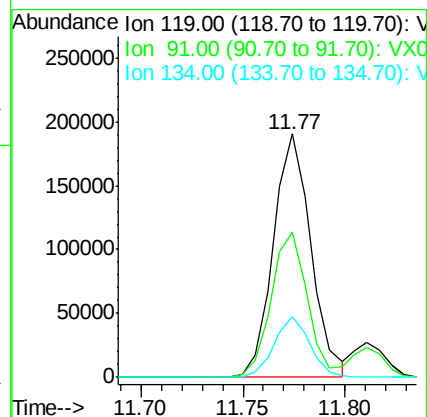
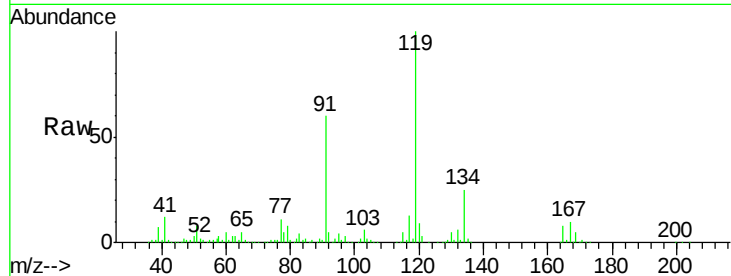




#83
tert-Butylbenzene
Concen: 20.36 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

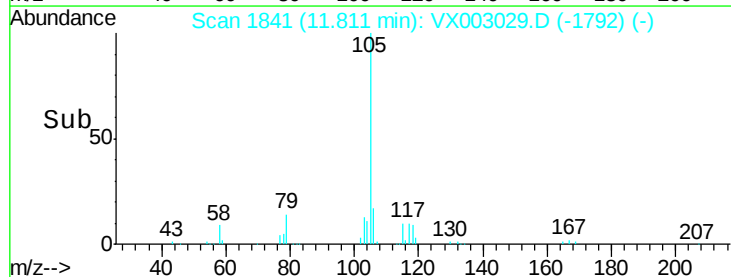
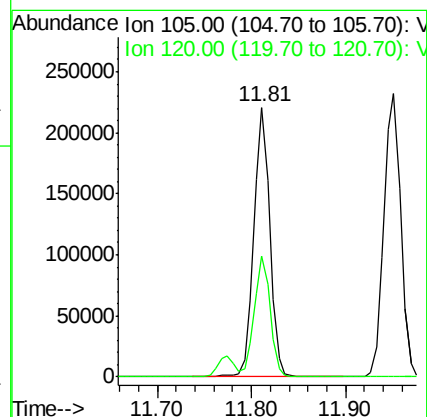
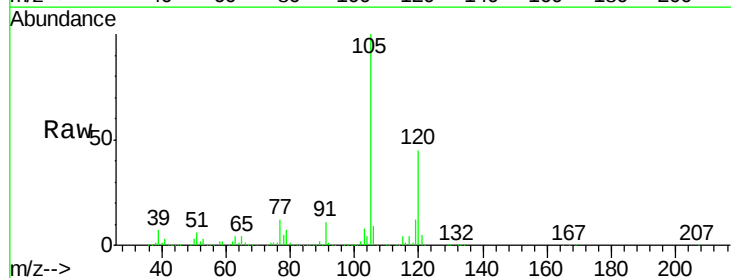
Instrument :
MSVOA_X
ClientSampleId :

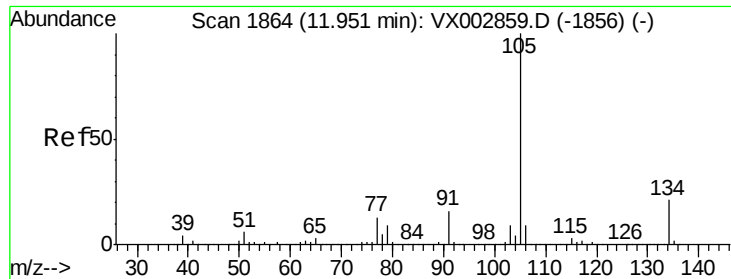
Tot Ion:119 Resp: 245116
Ion Ratio Lower Upper
119 100
91 58.2 30.3 90.9
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.56 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion:105 Resp: 260135
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.68 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

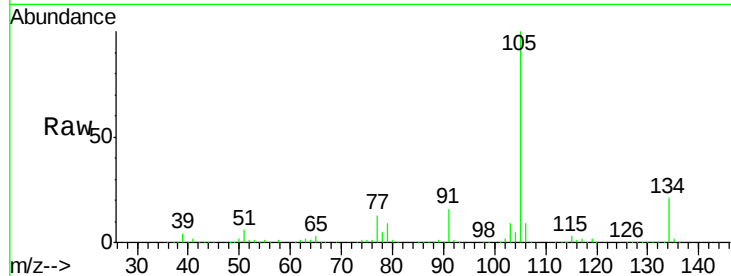
ClientSampleId :

Tot Ion:105 Resp: 287374

Ion Ratio Lower Upper

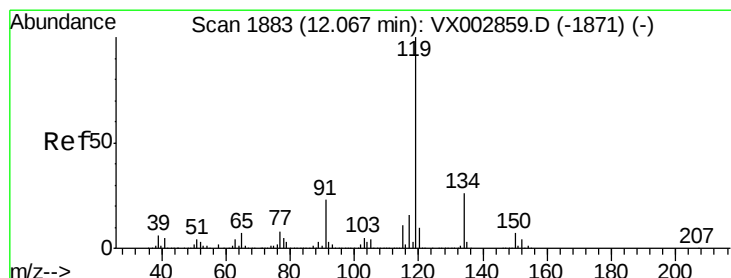
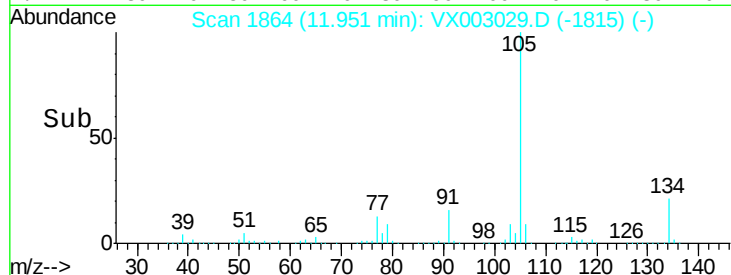
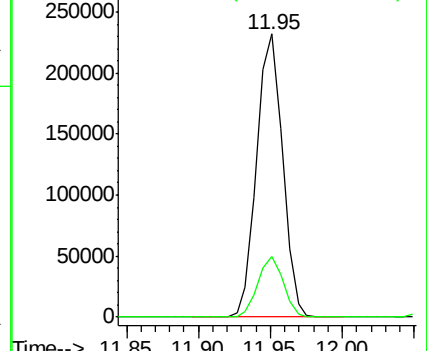
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.78 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

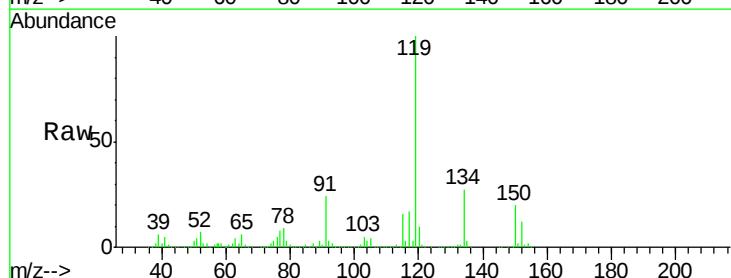
Tgt Ion:119 Resp: 259653

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

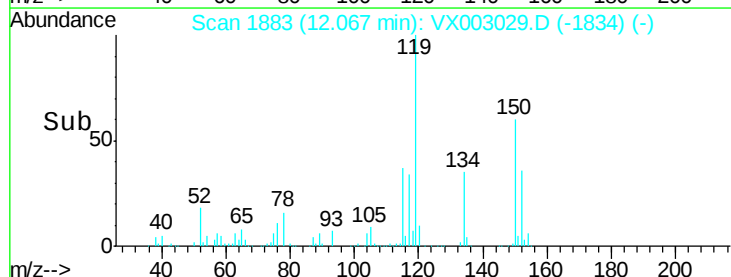
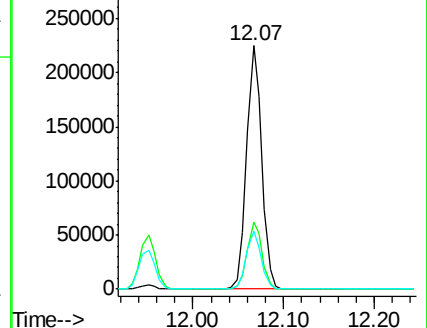
91 23.6 11.9 35.7

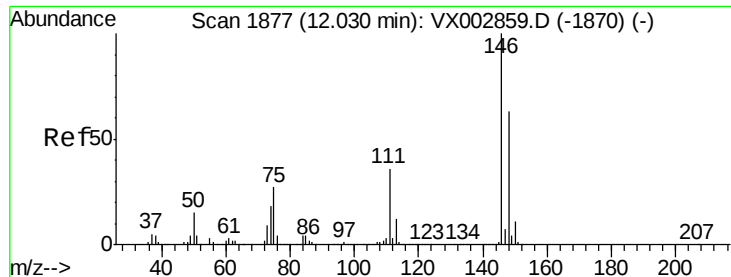


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

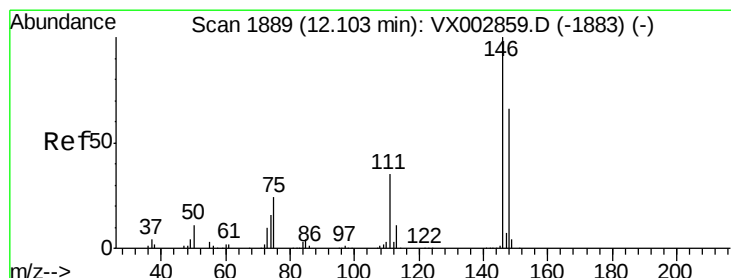
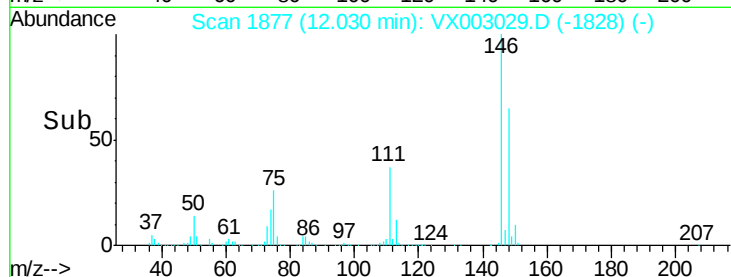
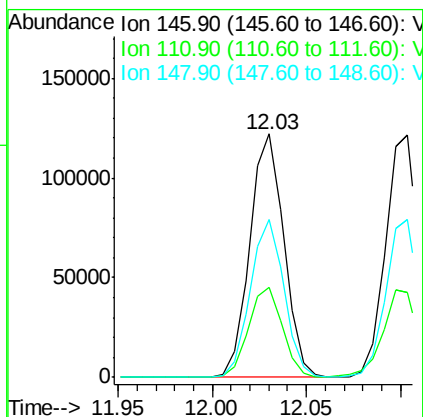
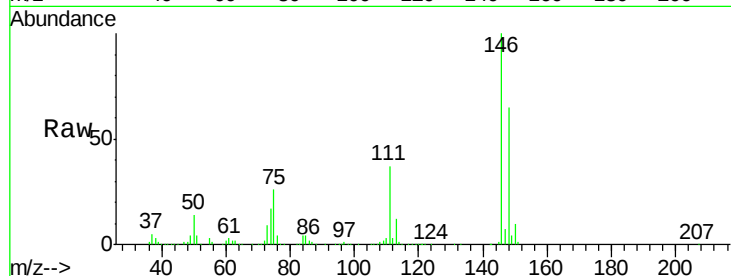




#87
 1,3-Dichlorobenzene
 Concen: 20.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

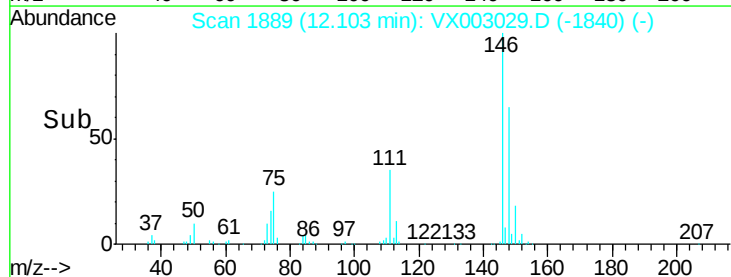
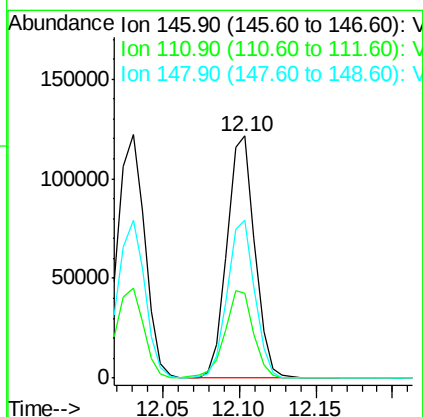
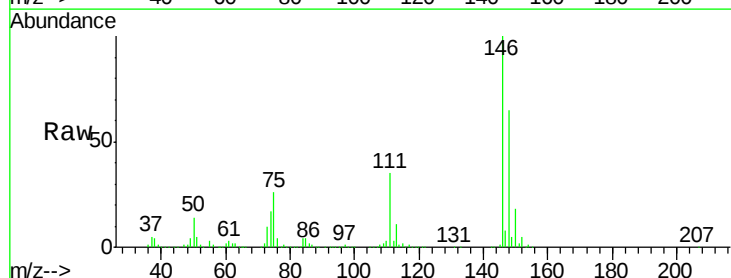
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 153094
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.7
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion:146 Resp: 152952
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.8 32.4 97.0





#89

n-Butylbenzene

Concen: 18.60 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

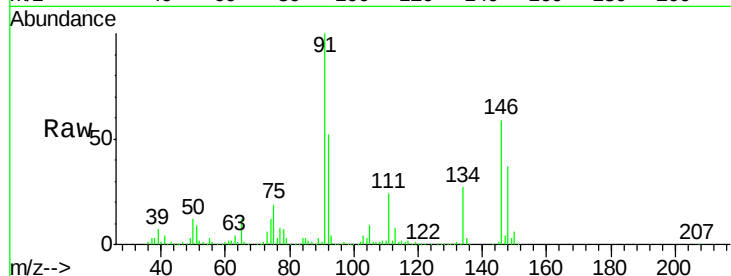
Tot Ion: 91 Resp: 212524

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

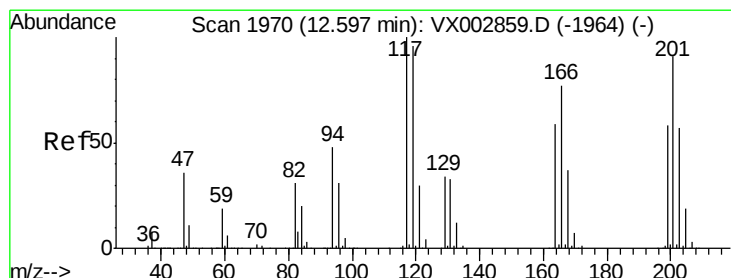
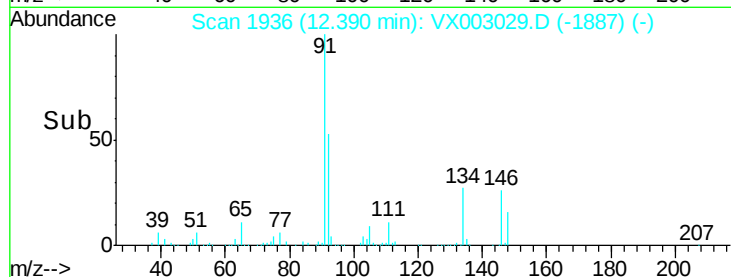
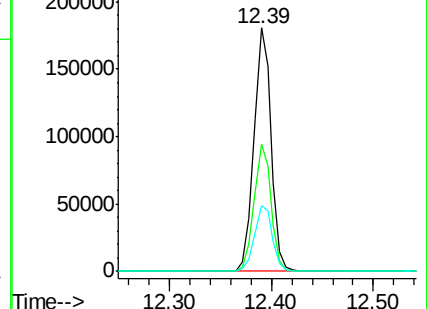
134 28.0 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002859.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1928) (-)



#90

Hexachloroethane

Concen: 17.73 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003029.D

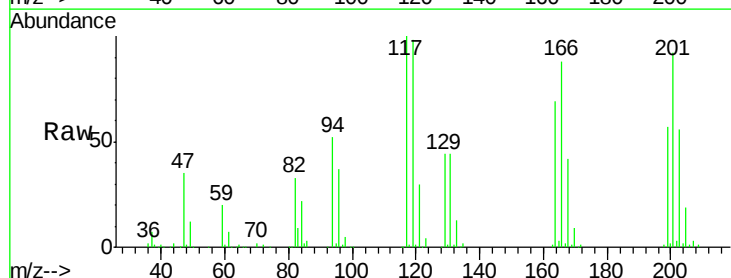
Acq: 29 Jun 2018 15:25

Tgt Ion: 117 Resp: 34630

Ion Ratio Lower Upper

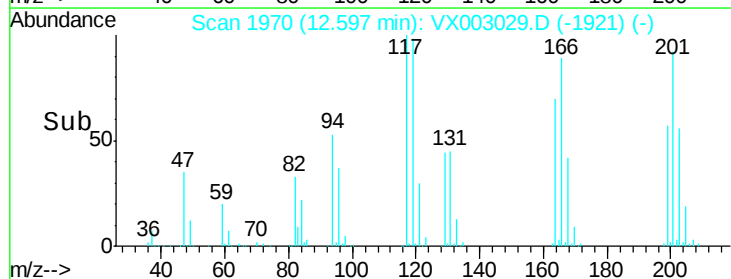
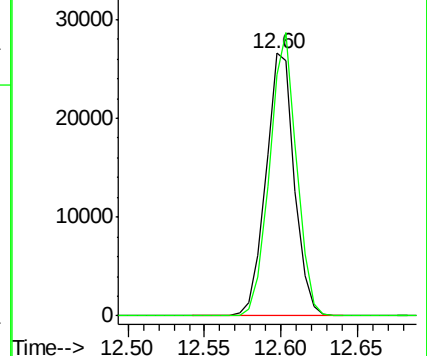
117 100

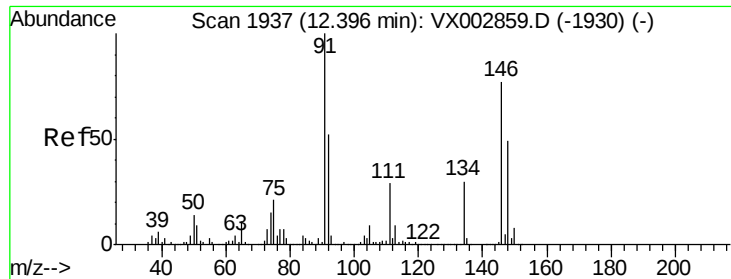
201 101.6 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002859.D (-1964) (-)

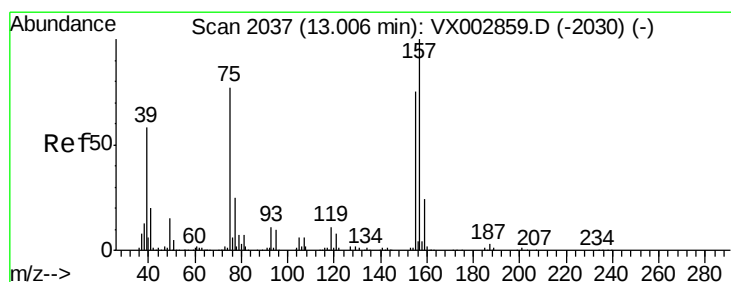
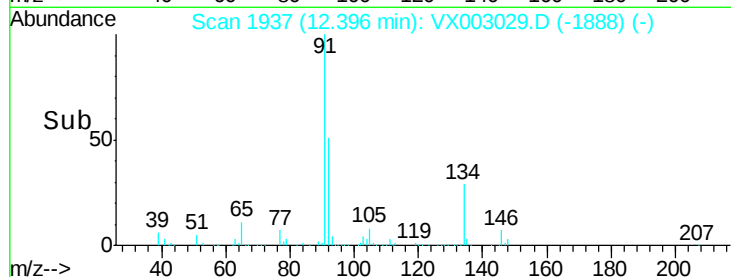
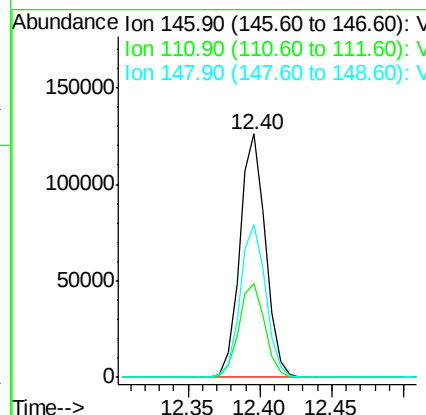
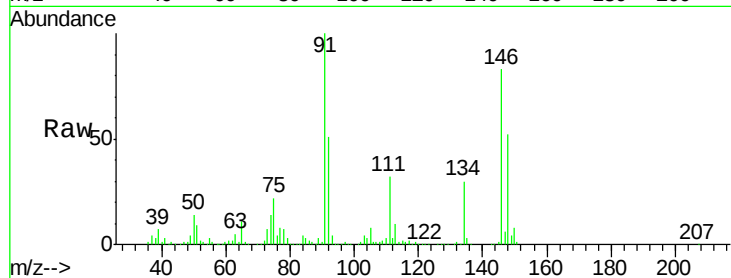




#91
 1,2-Dichlorobenzene
 Concen: 20.54 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

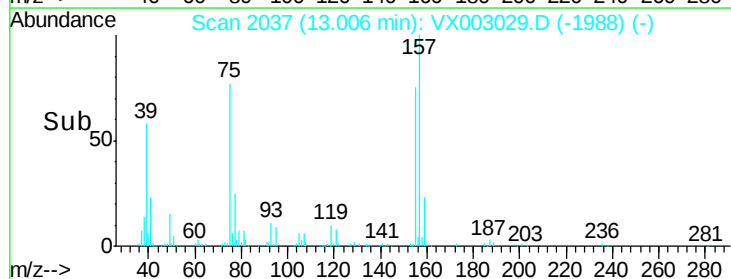
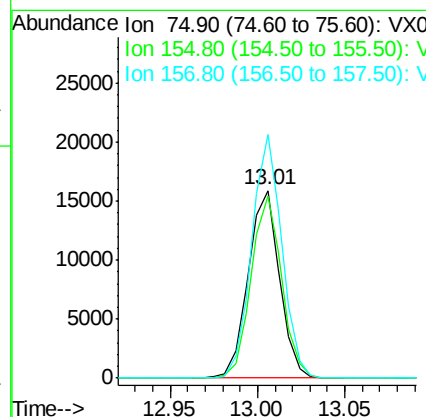
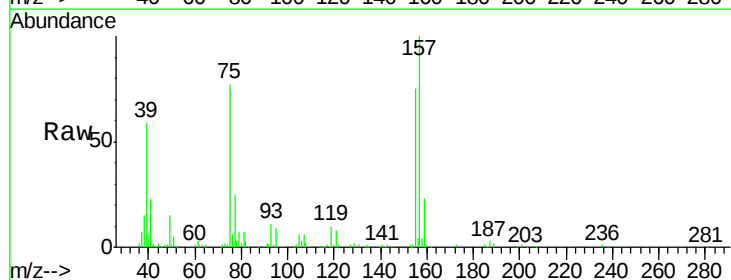
Instrument :
 MSVOA_X
 ClientSampleId :

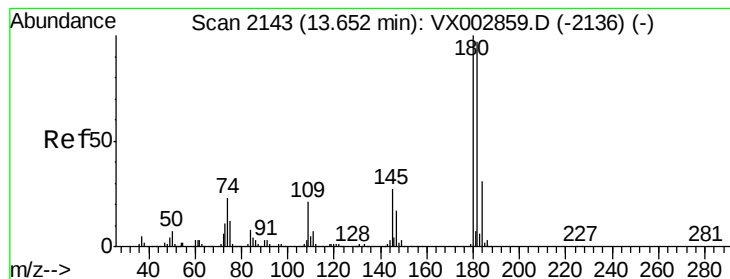
Tot Ion:146 Resp: 156372
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 62.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.62 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 75 Resp: 19704
 Ion Ratio Lower Upper
 75 100
 155 94.6 45.8 137.4
 157 124.6 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 19.10 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampled :

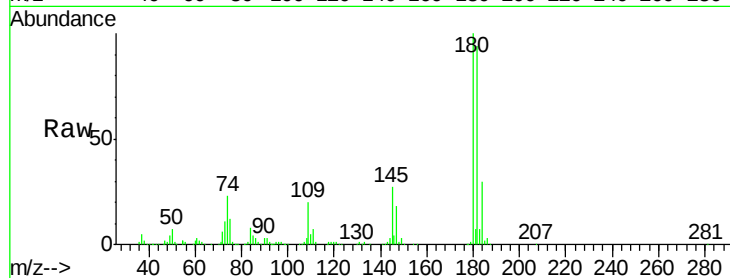
Tot Ion:180 Resp: 105828

Ion Ratio Lower Upper

180 100

182 94.8 47.7 143.1

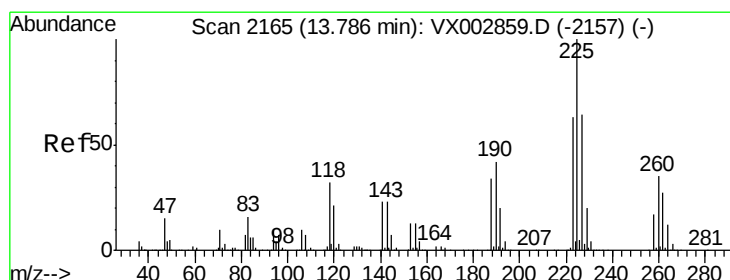
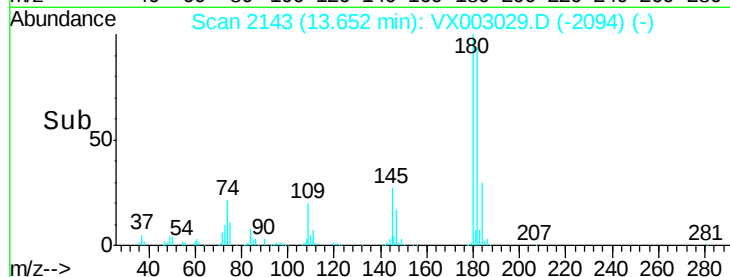
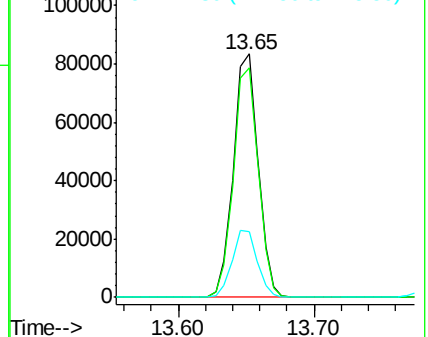
145 28.0 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.33 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

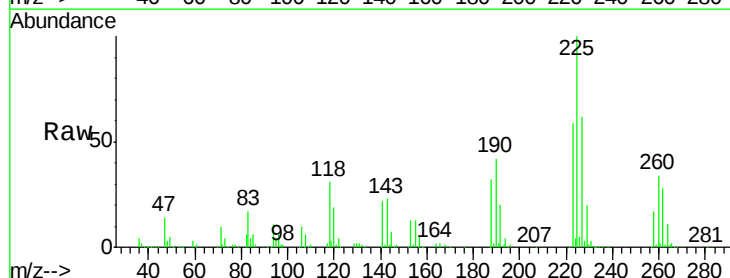
Tgt Ion:225 Resp: 53425

Ion Ratio Lower Upper

225 100

223 60.5 31.6 95.0

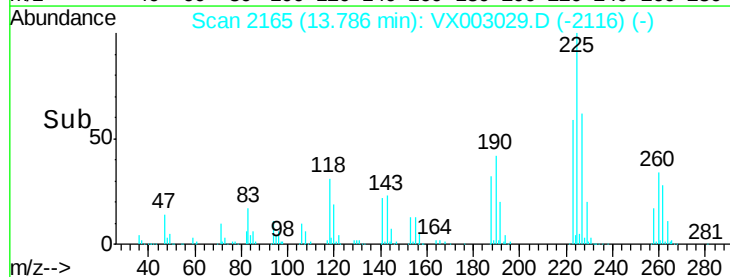
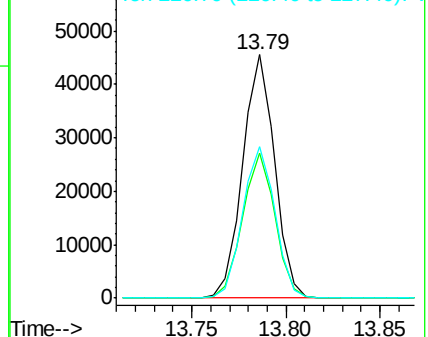
227 62.9 32.4 97.2

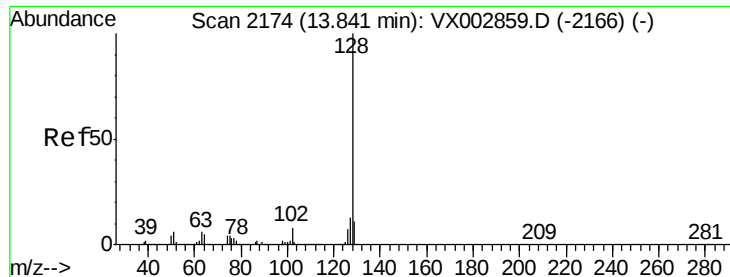


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.99 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

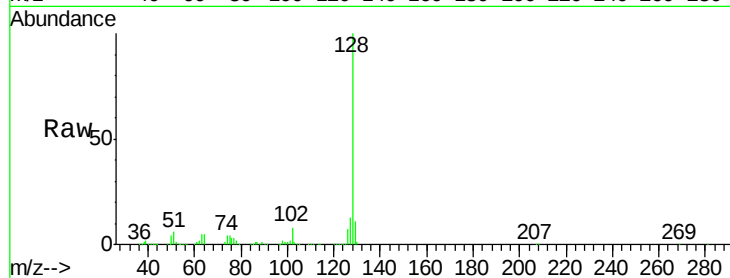
Tot Ion:128 Resp: 309734

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

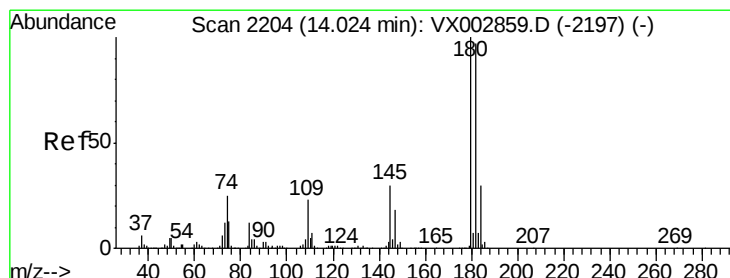
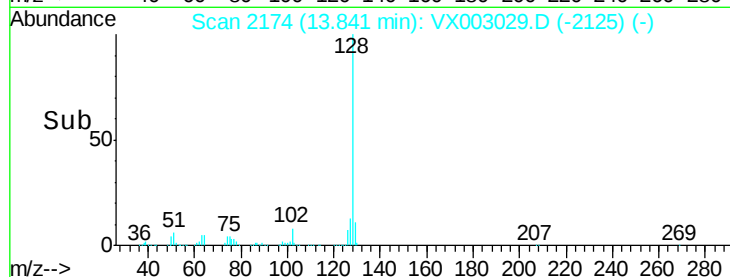
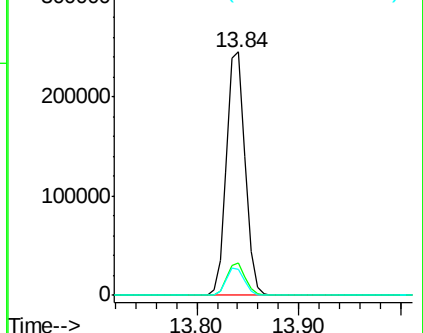
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.93 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

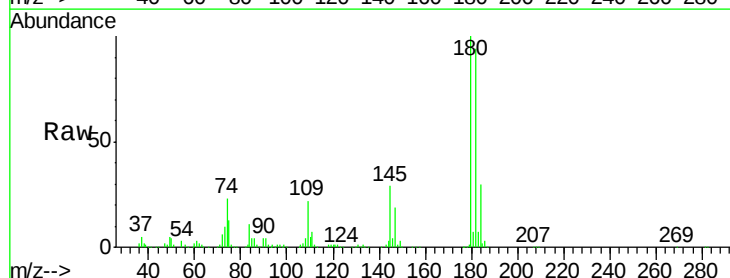
Tgt Ion:180 Resp: 110278

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 29.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

