

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001529.D
 Acq On : 08 May 2018 22:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 06:50:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	305722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173053	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	5.51	113	140077	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	8.72	98	506834	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.14	95	194127	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	160143	51.30	ug/l	99
3) Chloromethane	1.32	50	155999	51.31	ug/l	99
4) Vinyl Chloride	1.40	62	162432	51.19	ug/l	98
5) Bromomethane	1.64	94	77080	53.30	ug/l	99
6) Chloroethane	1.72	64	109396	52.16	ug/l	99
7) Trichlorofluoromethane	1.92	101	255971	53.60	ug/l	100
8) Diethyl Ether	2.19	74	98376	52.56	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	146201	52.22	ug/l	98
10) Methyl Iodide	2.51	142	201518	49.89	ug/l	100
11) Tert butyl alcohol	3.09	59	190773	271.47	ug/l	100
12) 1,1-Dichloroethene	2.37	96	135623	52.85	ug/l	99
13) Acrolein	2.30	56	36613	264.99	ug/l	99
14) Allyl chloride	2.73	41	251676	52.60	ug/l	99
15) Acrylonitrile	3.15	53	438322	276.02	ug/l	99
16) Acetone	2.45	43	390107	257.75	ug/l	99
17) Carbon Disulfide	2.57	76	329584	50.47	ug/l	99
18) Methyl Acetate	2.78	43	230935	58.08	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	482344	53.99	ug/l	98
20) Methylene Chloride	2.86	84	154863	51.68	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	146692	51.22	ug/l	99
22) Diisopropyl ether	3.88	45	476729	53.33	ug/l	99
23) Vinyl Acetate	3.83	43	1973323	264.88	ug/l	100
24) 1,1-Dichloroethane	3.70	63	272932	54.66	ug/l	99
25) 2-Butanone	4.72	43	587270	268.43	ug/l	99
26) 2,2-Dichloropropane	4.59	77	157718	40.90	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	159500	52.30	ug/l	96
28) Bromochloromethane	5.03	49	119000	54.96	ug/l	97
29) Tetrahydrofuran	5.18	42	381278	272.38	ug/l	100
30) Chloroform	5.22	83	283319	55.08	ug/l	99
31) Cyclohexane	5.58	56	224287	52.29	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	250264	55.67	ug/l	99
36) 1,1-Dichloropropene	5.81	75	198369	51.01	ug/l	100
37) Ethyl Acetate	4.87	43	227380	53.34	ug/l	99
38) Carbon Tetrachloride	5.79	117	227016	54.73	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231243	50.30	ug/l	97
40) Benzene	6.15	78	605948	53.35	ug/l	99
41) Methacrylonitrile	5.07	41	129536	53.11	ug/l	99
42) 1,2-Dichloroethane	6.20	62	235080	53.85	ug/l	100
43) Isopropyl Acetate	6.48	43	359648	54.96	ug/l	100
44) Trichloroethene	7.22	130	185107	53.32	ug/l	99
45) 1,2-Dichloropropane	7.52	63	151080	53.35	ug/l	100
46) Dibromomethane	7.67	93	107712	53.73	ug/l	99
47) Bromodichloromethane	7.90	83	210045	56.61	ug/l	99
48) Methyl methacrylate	7.79	41	196541	55.16	ug/l	99
49) 1,4-Dioxane	7.76	88	82394	1070.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1224117	281.49	ug/l	99
52) Toluene	8.79	92	397934	53.58	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	230214	54.90	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	209913	48.49	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	161858	54.09	ug/l	99
56) Ethyl methacrylate	9.19	69	237994	55.18	ug/l	100
57) 1,3-Dichloropropane	9.38	76	267379	54.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	613717	290.09	ug/l	99
59) 2-Hexanone	9.51	43	928775	278.91	ug/l	100
60) Dibromochloromethane	9.59	129	174787	57.04	ug/l	98
61) 1,2-Dibromoethane	9.68	107	172308	54.84	ug/l	99
64) Tetrachloroethene	9.34	164	224864	54.52	ug/l	99
65) Chlorobenzene	10.15	112	455430	52.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	173788	55.98	ug/l	100
67) Ethyl Benzene	10.26	91	758913	53.35	ug/l	100
68) m/p-Xylenes	10.37	106	606173	107.85	ug/l	100
69) o-Xylene	10.71	106	296838	54.34	ug/l	99
70) Styrene	10.72	104	495059	55.79	ug/l	99
71) Bromoform	10.87	173	145007	48.67	ug/l #	99
73) Isopropylbenzene	11.02	105	794417	53.03	ug/l	100
74) N-amyl acetate	6.48	43	359648	52.85	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	234558	53.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	277146	63.15	ug/l	87
77) Bromobenzene	11.26	156	226739	52.06	ug/l	99
78) n-propylbenzene	11.37	91	883483	54.16	ug/l	100
79) 2-Chlorotoluene	11.43	91	528260	52.62	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	673748	54.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59971	44.12	ug/l	97
82) 4-Chlorotoluene	11.52	91	620377	53.57	ug/l	100
83) tert-Butylbenzene	11.77	119	650365	52.40	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	691091	53.91	ug/l	100
85) sec-Butylbenzene	11.95	105	807041	54.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	742590	54.34	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	403332	51.80	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	412077	51.89	ug/l	100
89) n-Butylbenzene	12.40	91	592570	52.33	ug/l	99
90) Hexachloroethane	12.60	117	115607	56.18	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	415157	52.41	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55709	57.31	ug/l	100

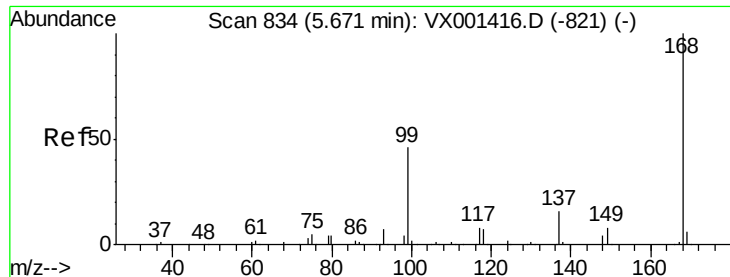
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	305264	52.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	164091	51.74	ug/l	99
95) Naphthalene	13.84	128	903059	56.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	319622	53.74	ug/l	99

(#) = 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. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

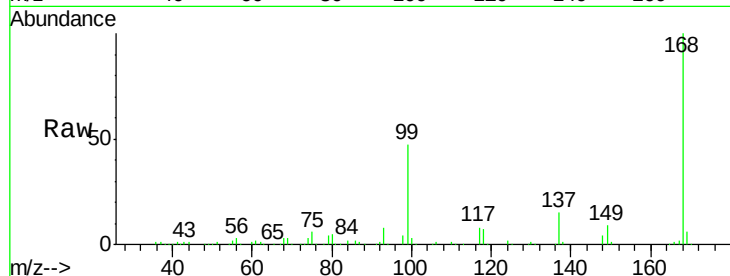
VSTDCCC050

Tgt Ion:168 Resp: 231900

Ion Ratio Lower Upper

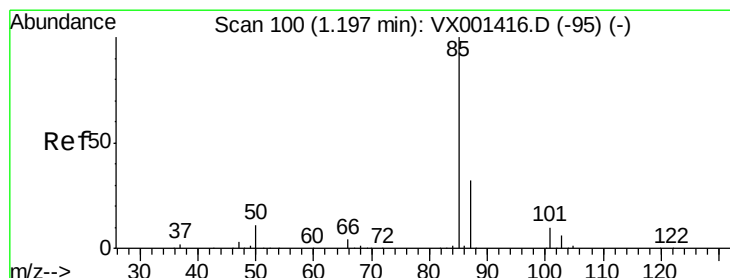
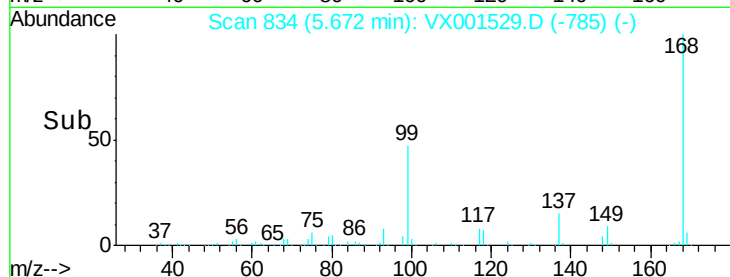
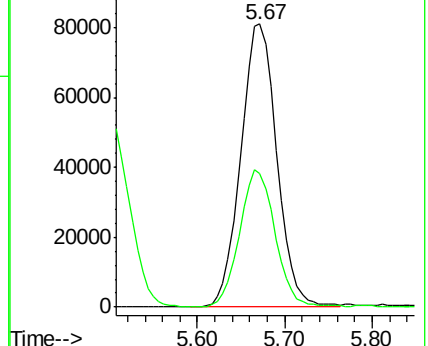
168 100

99 47.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.30 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001529.D

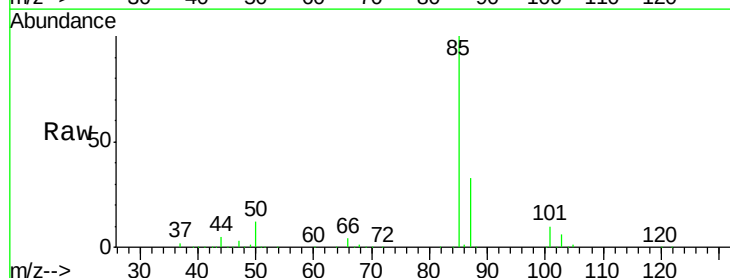
Acq: 08 May 2018 22:28

Tgt Ion: 85 Resp: 160143

Ion Ratio Lower Upper

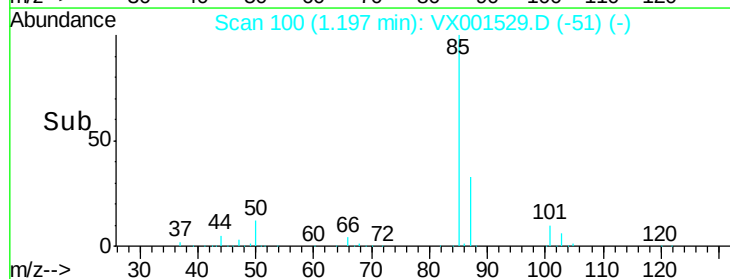
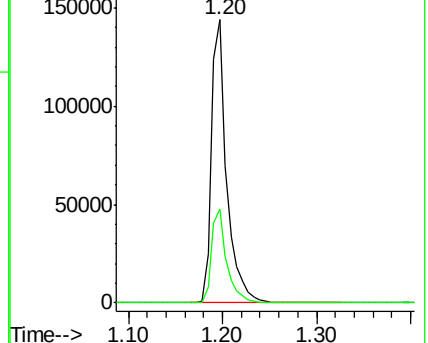
85 100

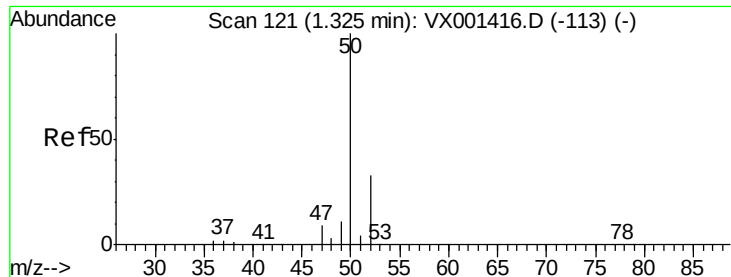
87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

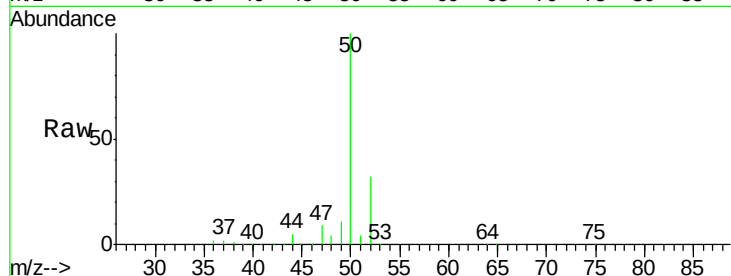
VSTDCCC050

Tgt Ion: 50 Resp: 155999

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

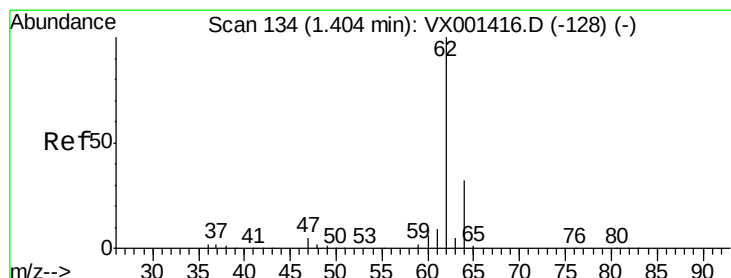
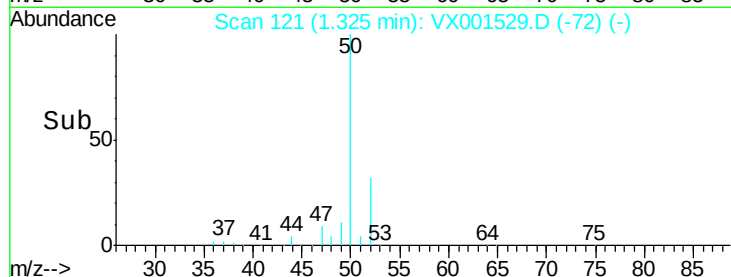
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 51.19 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001529.D

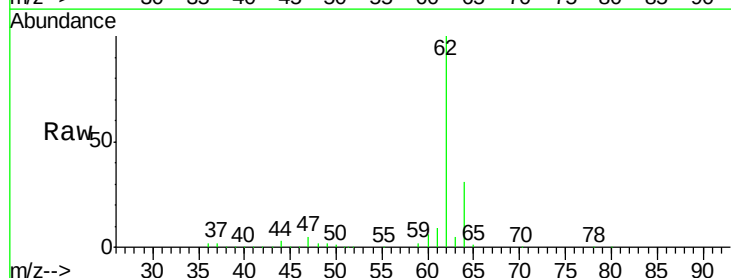
Acq: 08 May 2018 22:28

Tgt Ion: 62 Resp: 162432

Ion Ratio Lower Upper

62 100

64 31.2 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

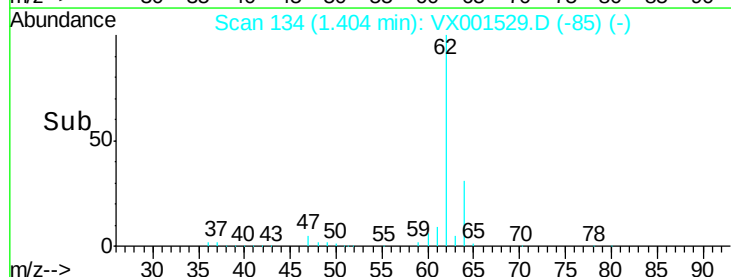
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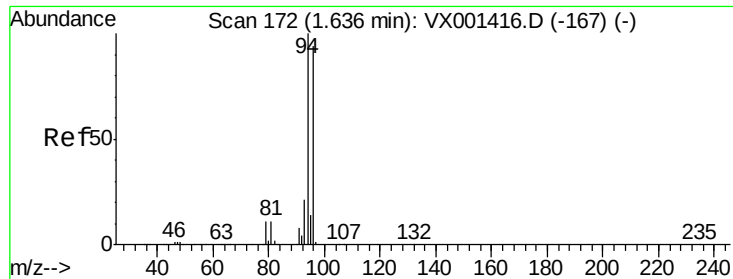
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 53.30 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

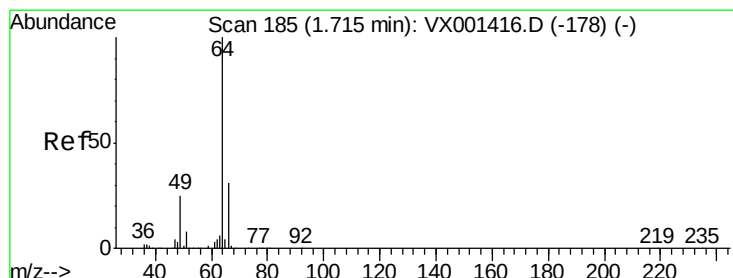
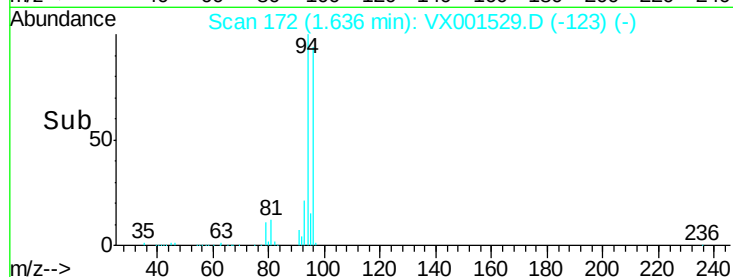
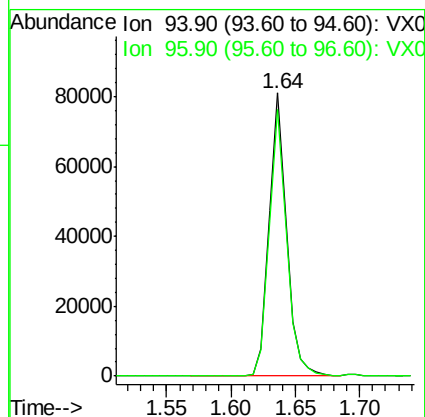
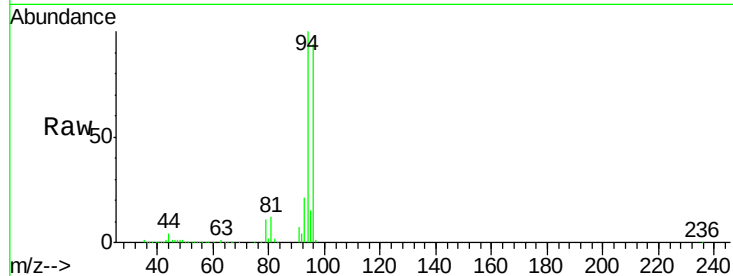
VSTDCCC050

Tgt Ion: 94 Resp: 77080

Ion Ratio Lower Upper

94 100

96 94.4 75.0 112.6



#6

Chloroethane

Concen: 52.16 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001529.D

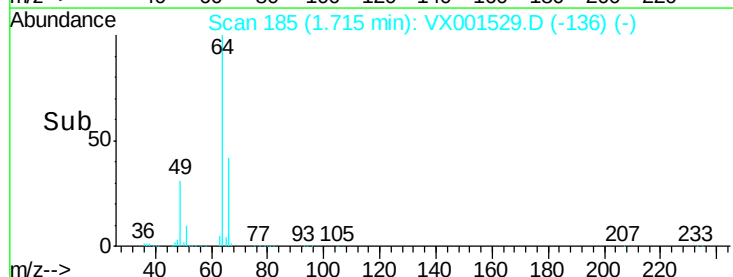
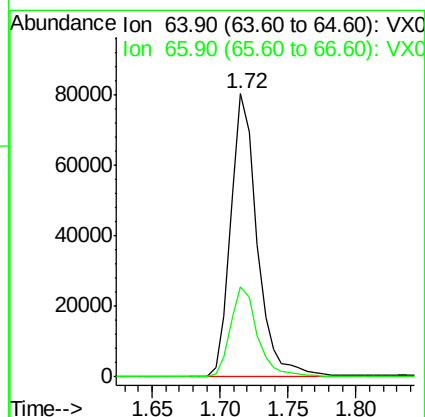
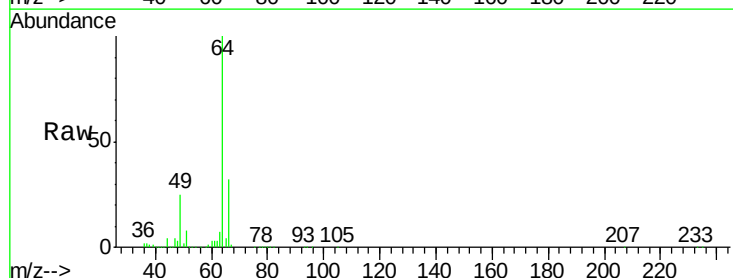
Acq: 08 May 2018 22:28

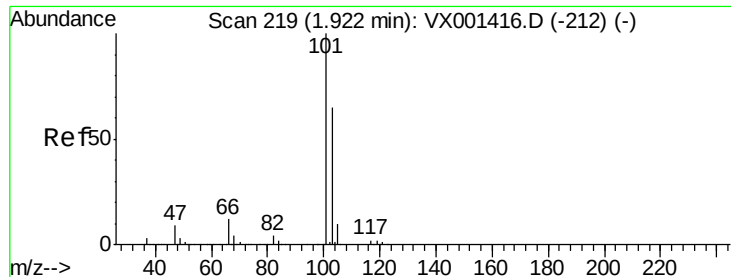
Tgt Ion: 64 Resp: 109396

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



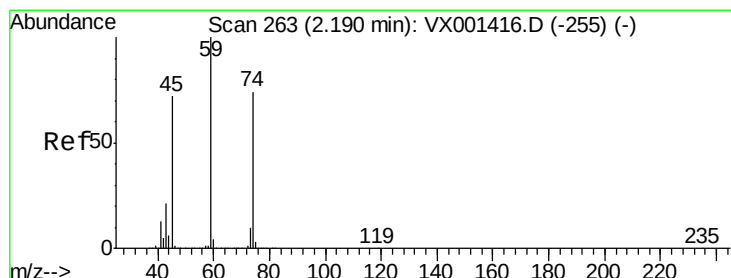
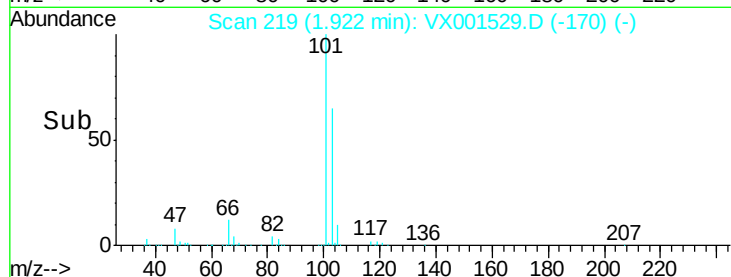
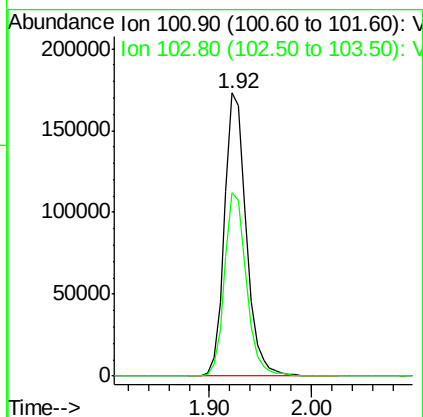
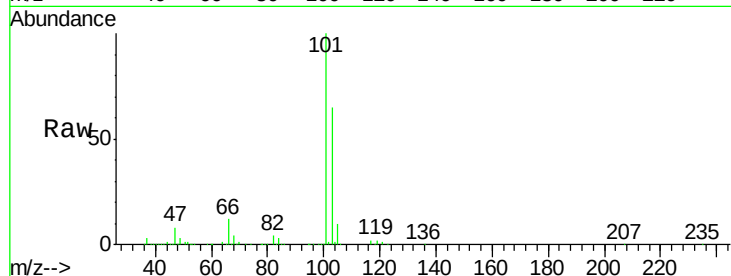


#7

Trichlorofluoromethane
 Concen: 53.60 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

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 ClientSampleId :
 VSTDCCC050

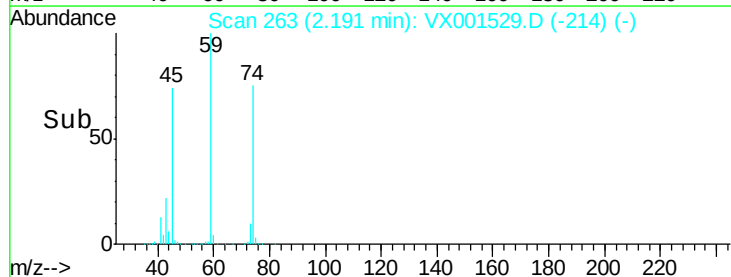
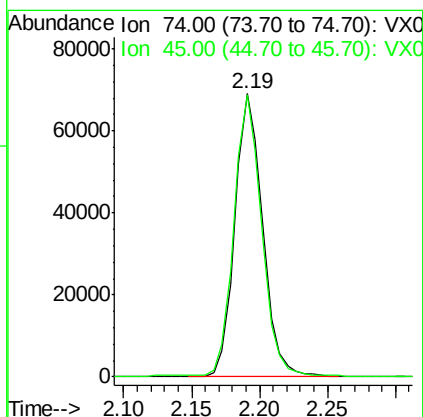
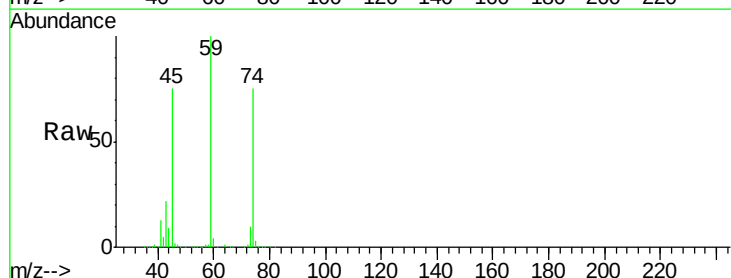
Tgt Ion:101 Resp: 255971
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.0 78.0

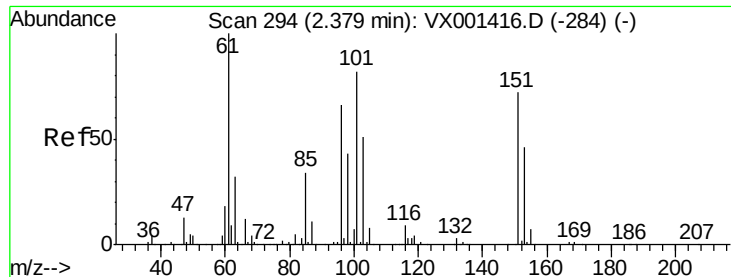


#8

Diethyl Ether
 Concen: 52.56 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion: 74 Resp: 98376
 Ion Ratio Lower Upper
 74 100
 45 99.1 47.9 143.6

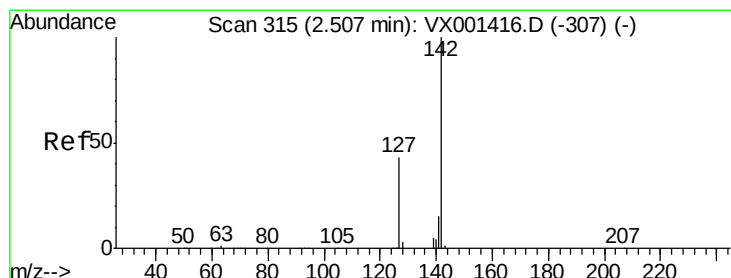
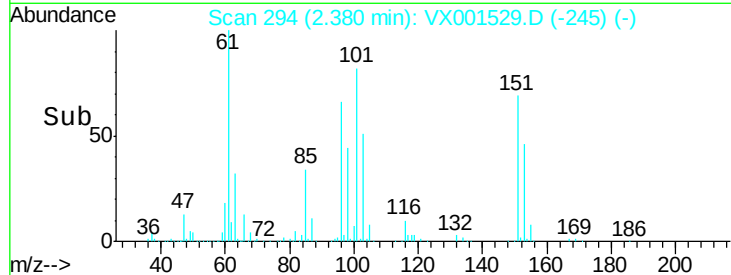
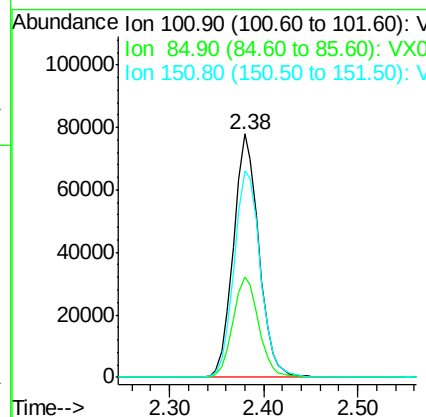
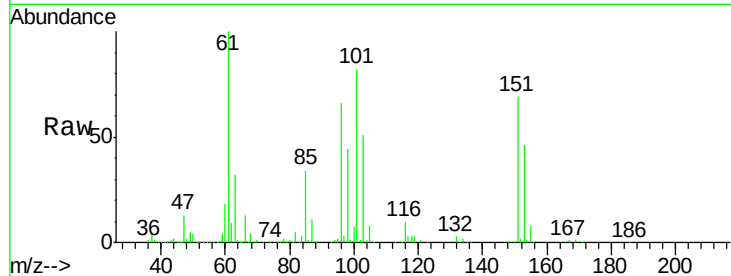




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.22 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

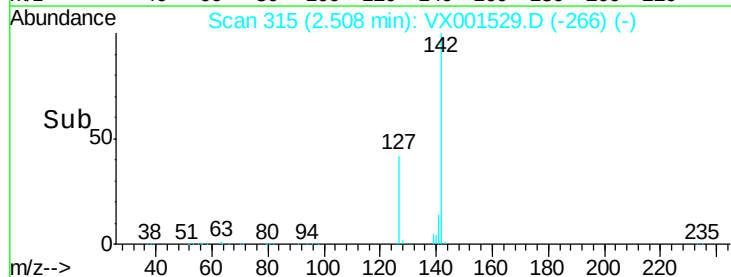
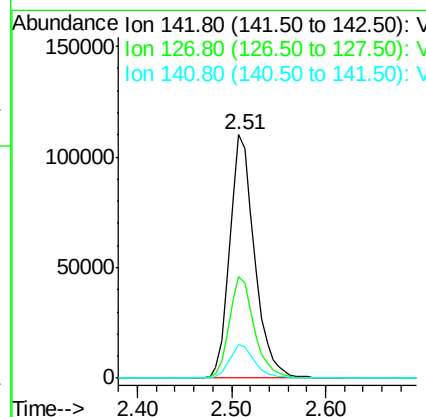
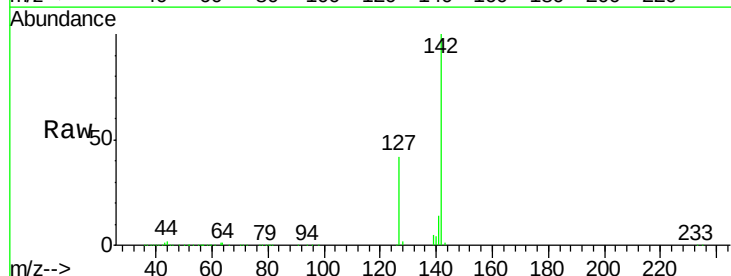
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

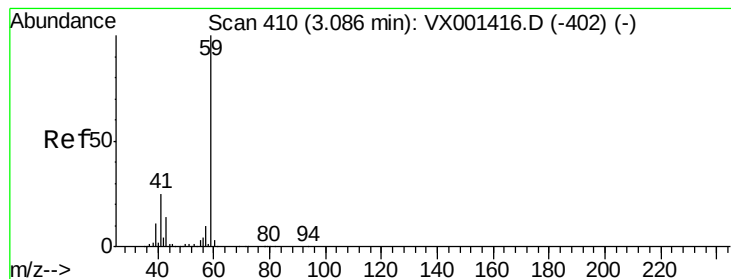
Tgt Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.7	50.5
151	88.2	72.3	108.5



#10
 Methyl Iodide
 Concen: 49.89 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.0	33.6	50.4
141	13.9	11.4	17.2



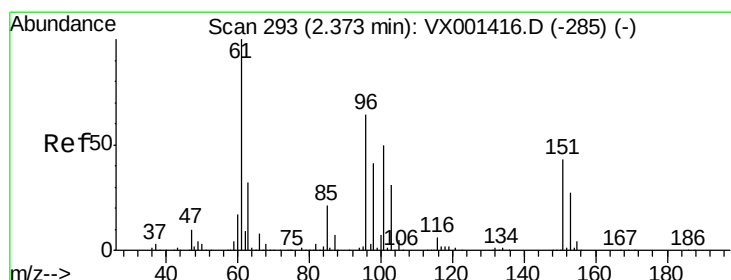
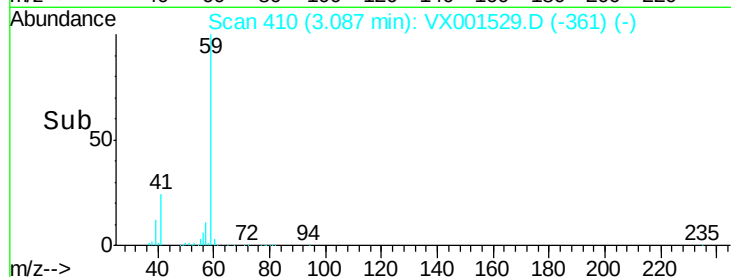
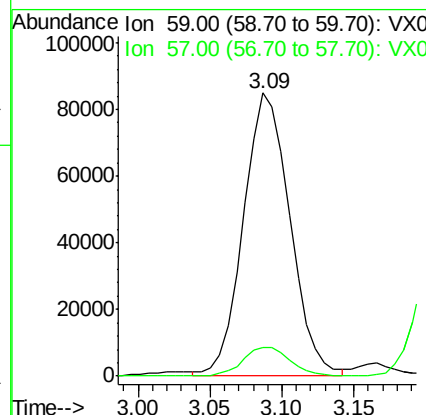
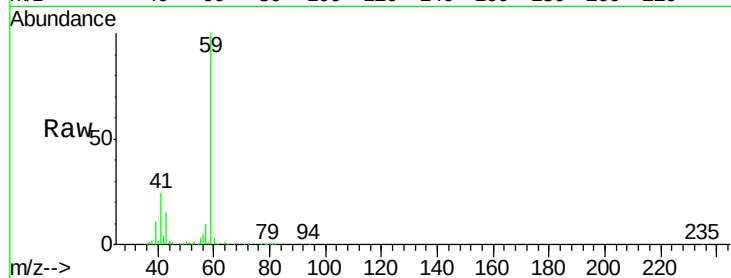


#11

Tert butyl alcohol
Concen: 271.47 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

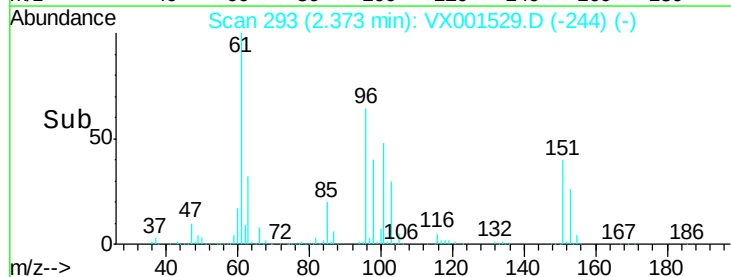
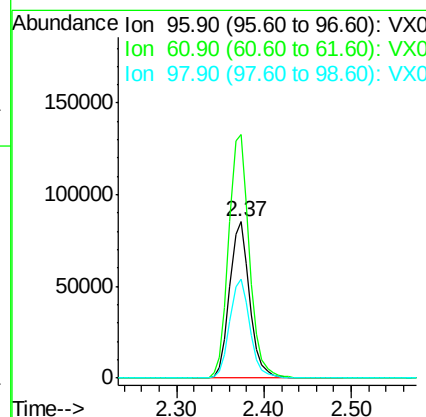
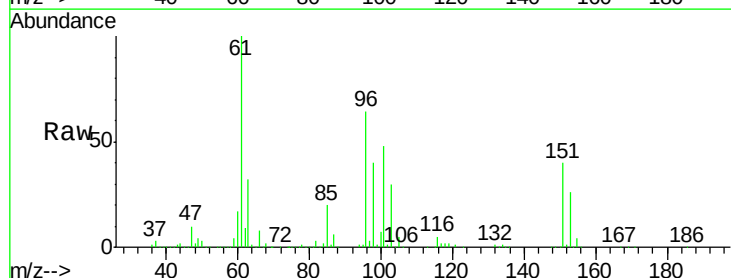
Tgt Ion: 59 Resp: 190773
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

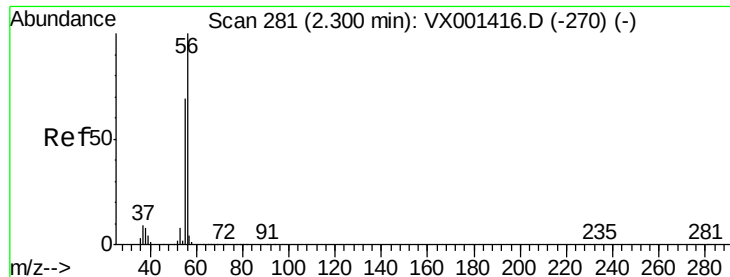


#12

1,1-Dichloroethene
Concen: 52.85 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Tgt Ion: 96 Resp: 135623
Ion Ratio Lower Upper
96 100
61 156.1 125.7 188.5
98 63.1 52.0 78.0





#13

Acrolein

Concen: 264.99 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

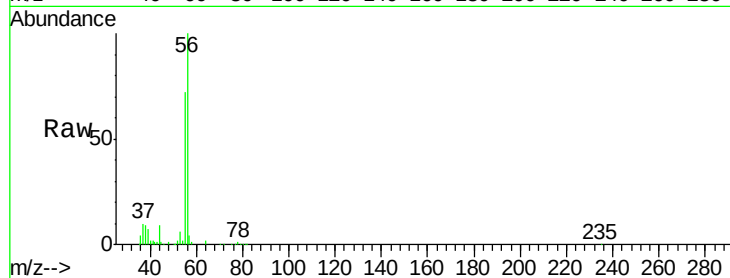
VSTDCCC050

Tgt Ion: 56 Resp: 36613

Ion Ratio Lower Upper

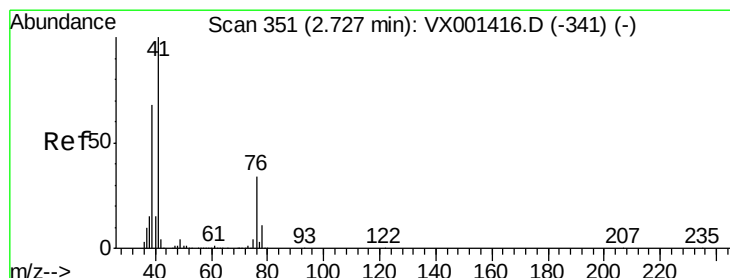
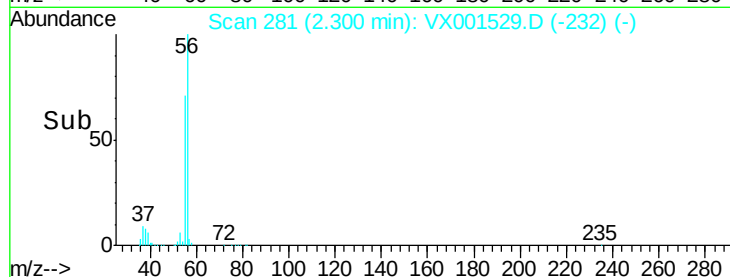
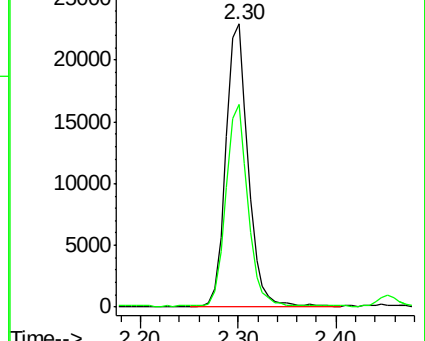
56 100

55 69.0 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.60 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

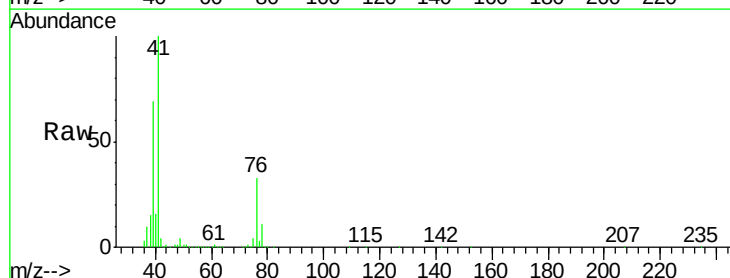
Tgt Ion: 41 Resp: 251676

Ion Ratio Lower Upper

41 100

39 65.1 52.4 78.6

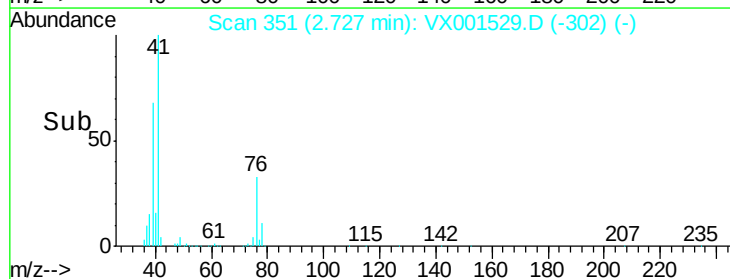
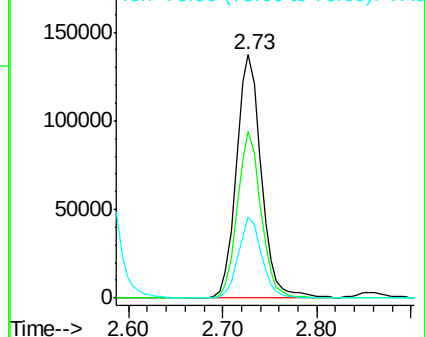
76 31.2 25.8 38.6

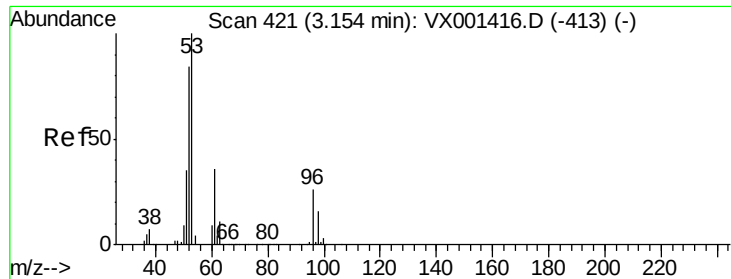


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

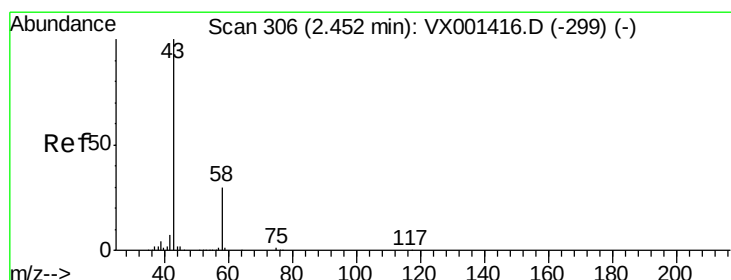
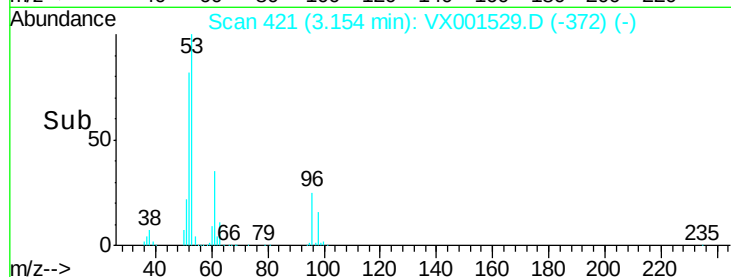
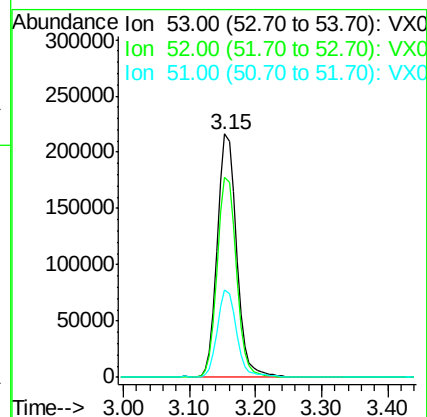
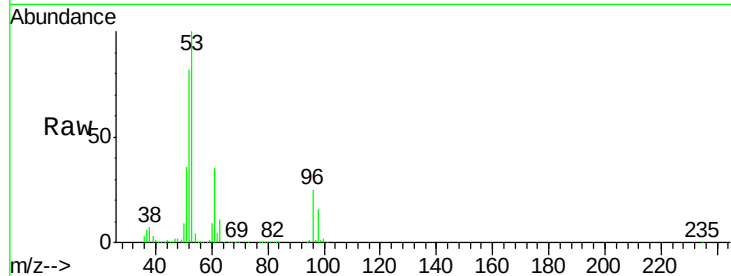




#15
 Acrylonitrile
 Concen: 276.02 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

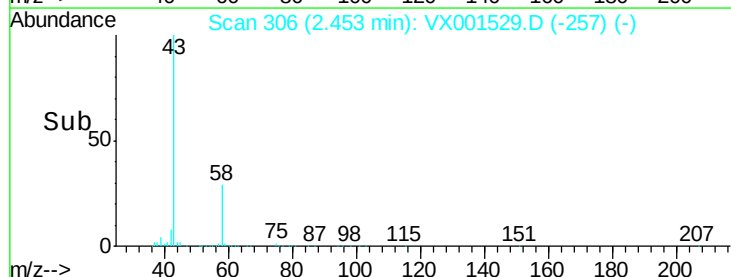
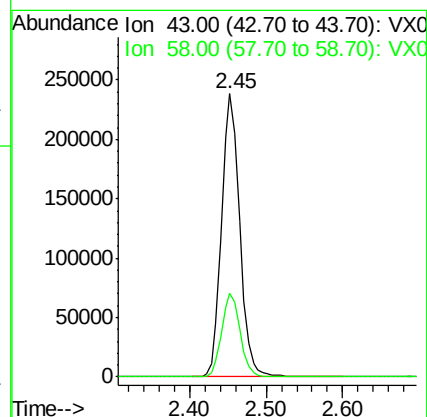
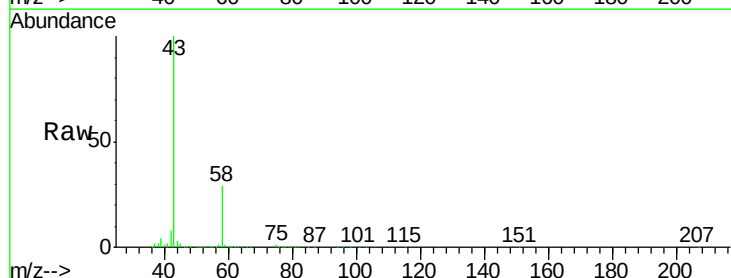
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

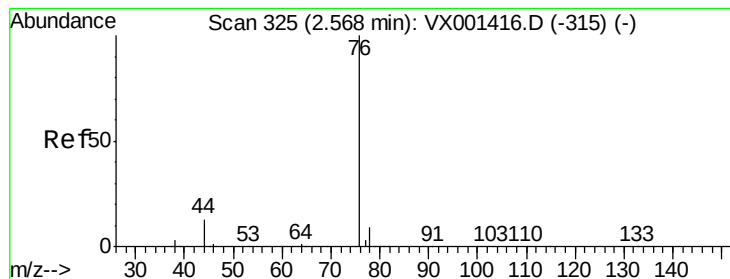
Tgt Ion: 53 Resp: 438322
 Ion Ratio Lower Upper
 53 100
 52 81.5 66.2 99.2
 51 35.9 28.6 43.0



#16
 Acetone
 Concen: 257.75 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion: 43 Resp: 390107
 Ion Ratio Lower Upper
 43 100
 58 29.5 23.8 35.8





#17

Carbon Disulfide

Concen: 50.47 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

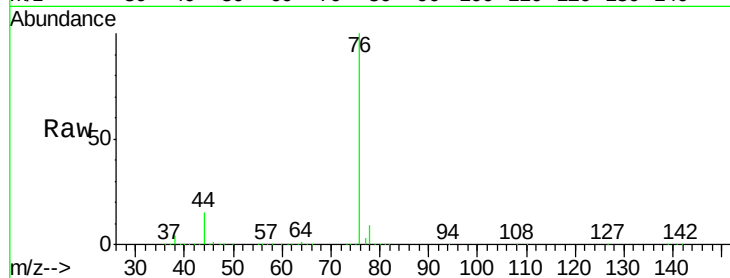
VSTDCCC050

Tgt Ion: 76 Resp: 329584

Ion Ratio Lower Upper

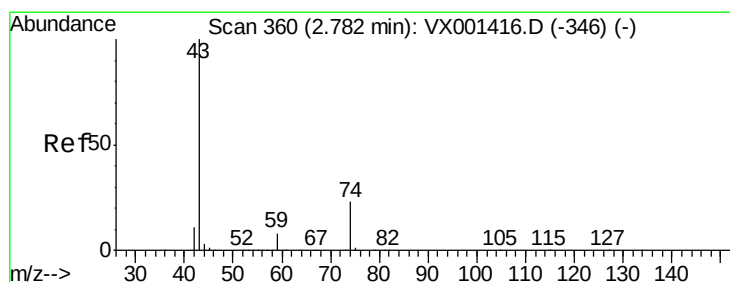
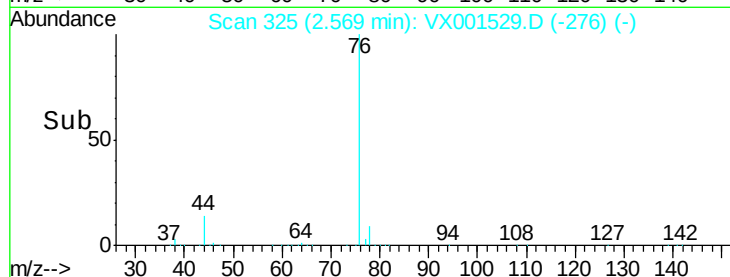
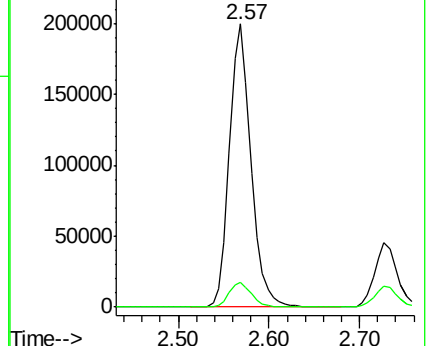
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.08 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001529.D

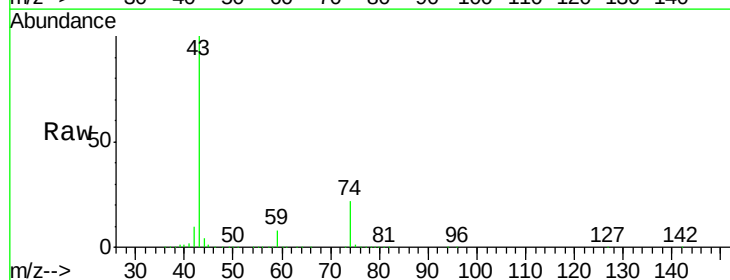
Acq: 08 May 2018 22:28

Tgt Ion: 43 Resp: 230935

Ion Ratio Lower Upper

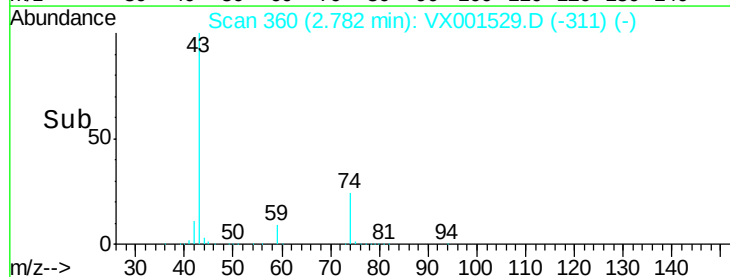
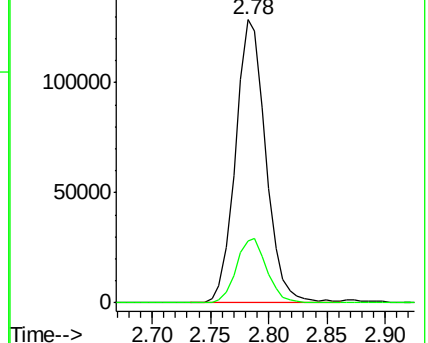
43 100

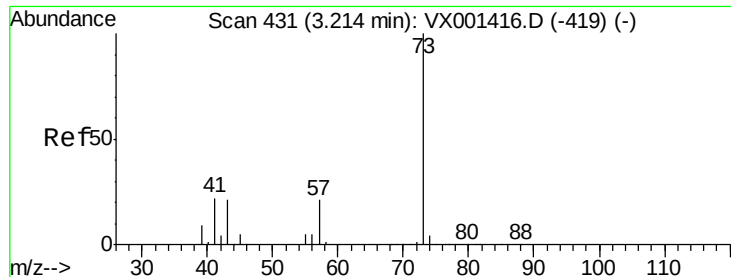
74 23.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 53.99 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

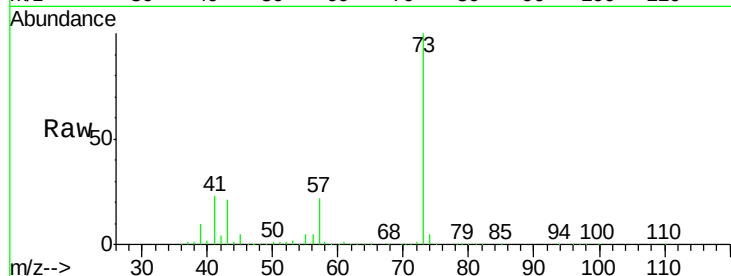
VSTDCCC050

Tgt Ion: 73 Resp: 482344

Ion Ratio Lower Upper

73 100

57 22.1 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

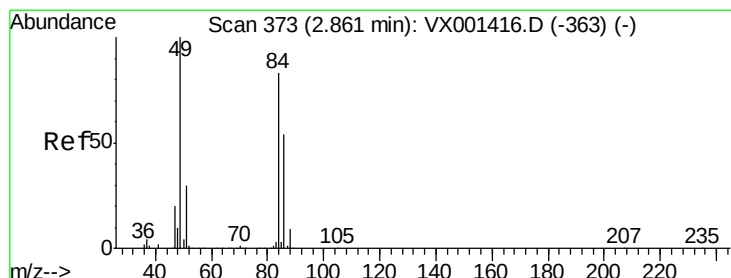
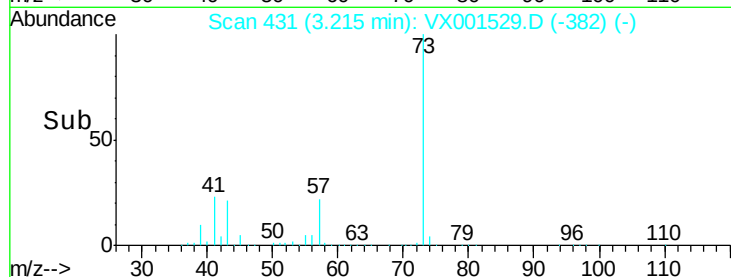
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 51.68 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Tgt Ion: 84 Resp: 154863

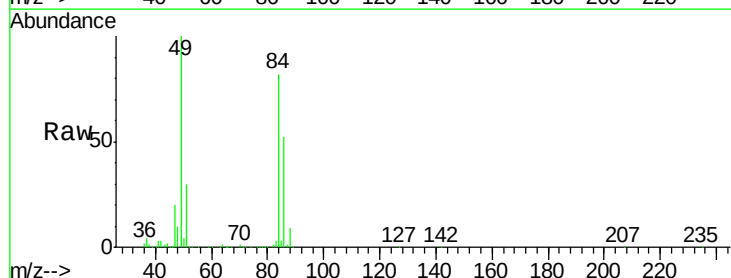
Ion Ratio Lower Upper

84 100

49 122.7 96.6 144.8

51 37.3 29.0 43.4

86 64.2 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

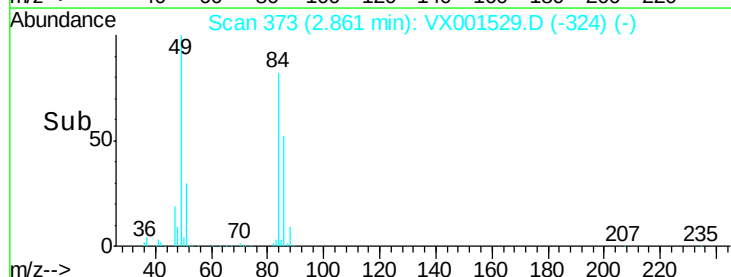
150000

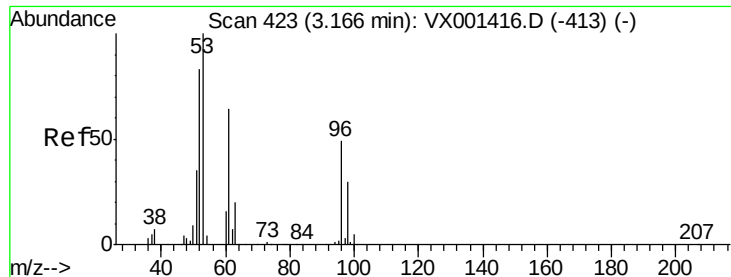
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 51.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

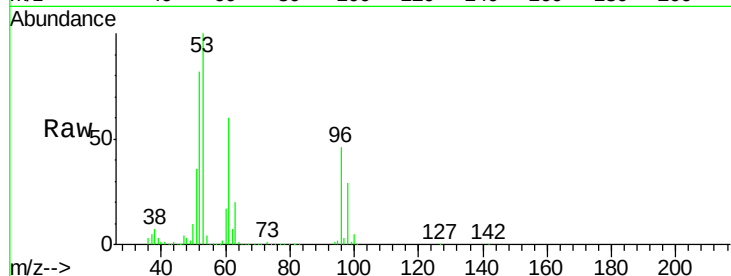
Tgt Ion: 96 Resp: 146692

Ion Ratio Lower Upper

96 100

61 130.1 105.0 157.4

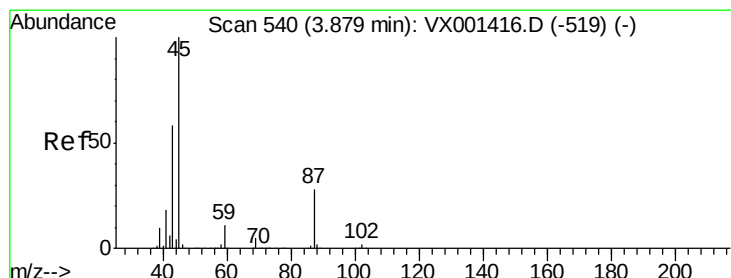
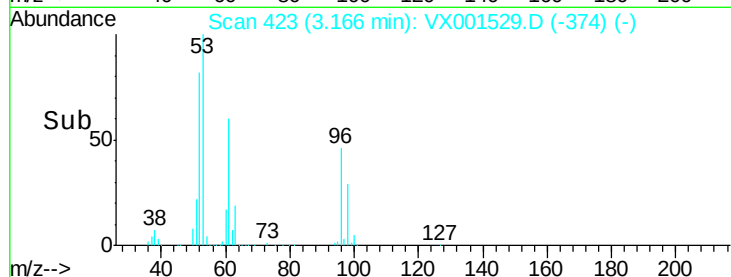
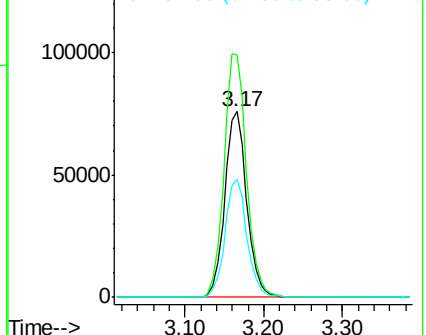
98 63.8 49.9 74.9



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: 53.33 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Tgt Ion: 45 Resp: 476729

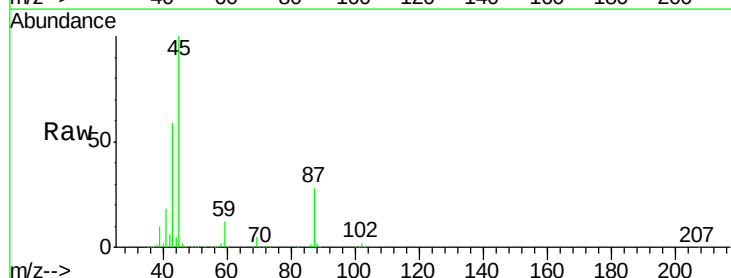
Ion Ratio Lower Upper

45 100

43 59.0 46.5 69.7

87 28.3 22.6 34.0

59 11.8 9.1 13.7

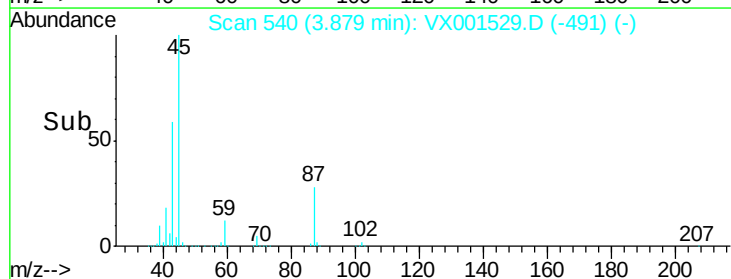
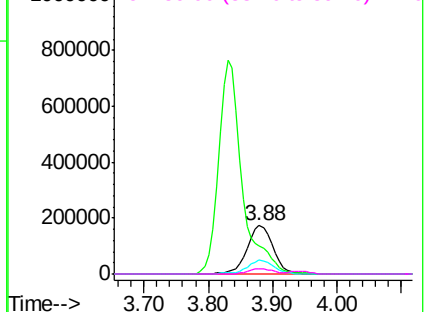


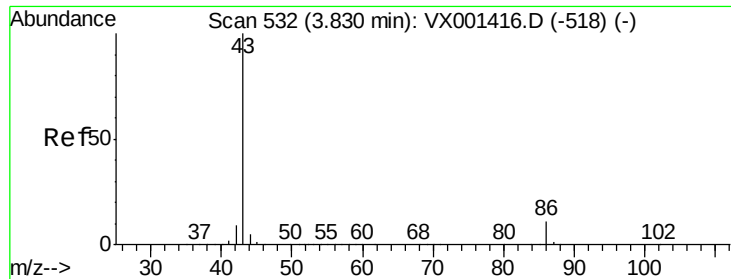
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 264.88 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

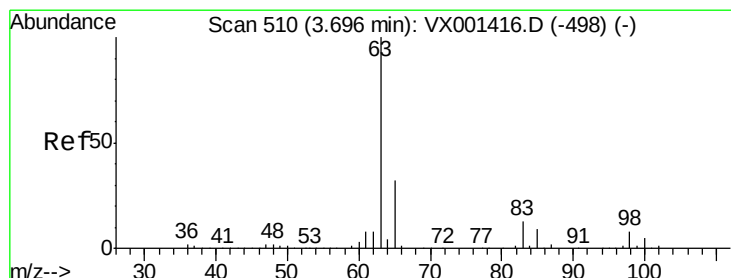
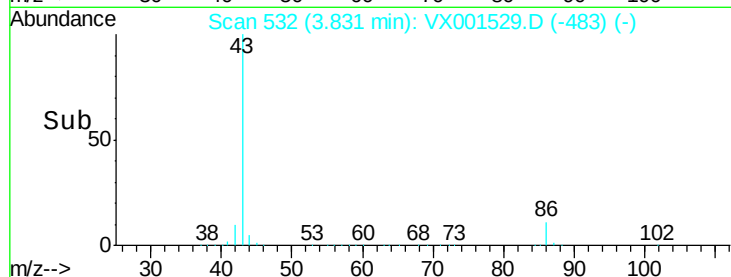
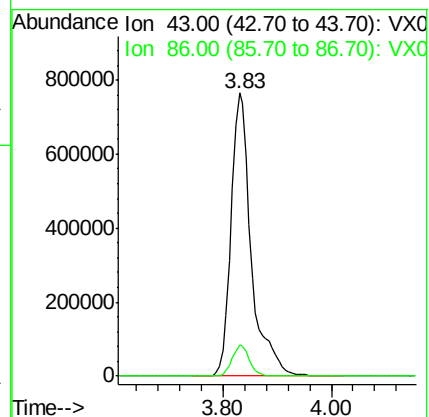
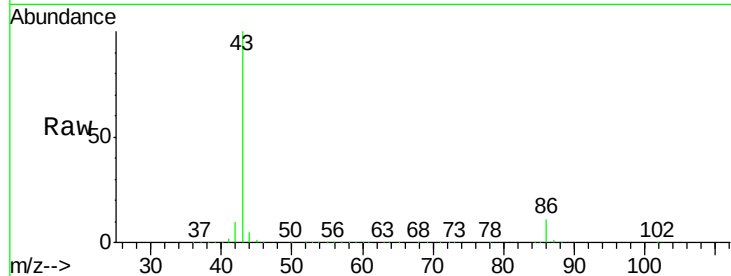
VSTDCCC050

Tgt Ion: 43 Resp: 1973323

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 54.66 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

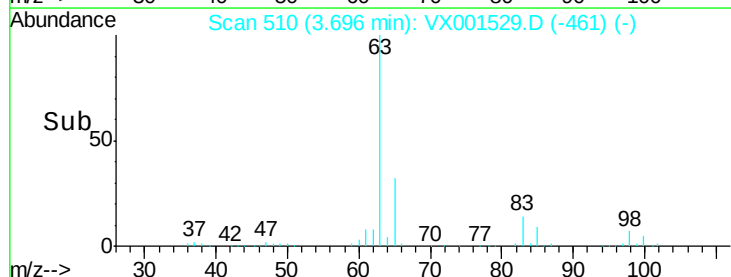
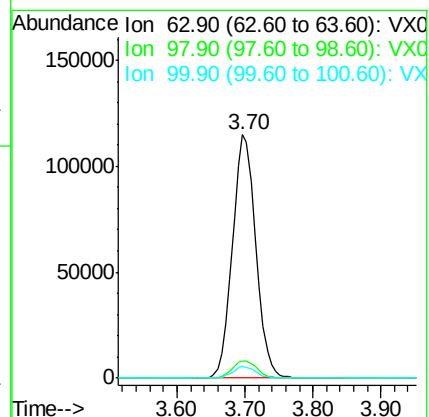
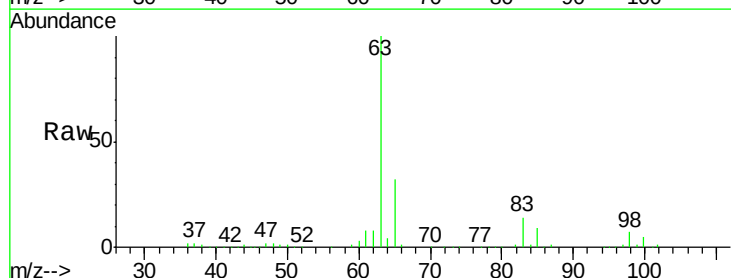
Tgt Ion: 63 Resp: 272932

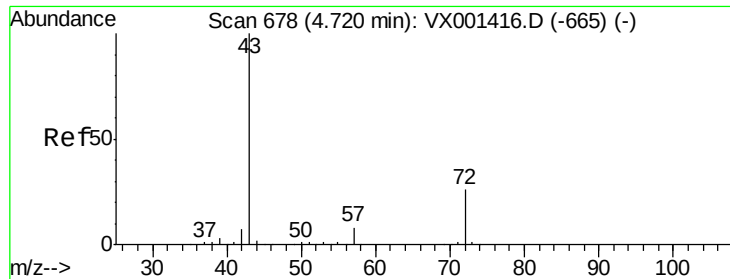
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 268.43 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

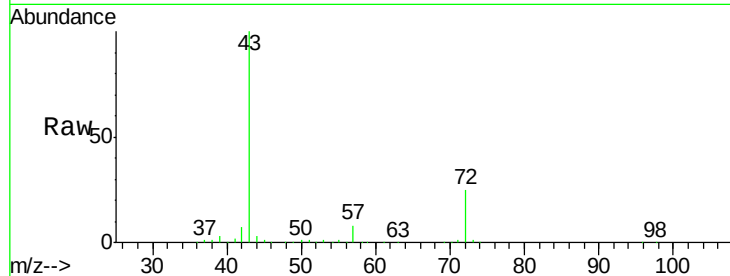
VSTDCCC050

Tgt Ion: 43 Resp: 587270

Ion Ratio Lower Upper

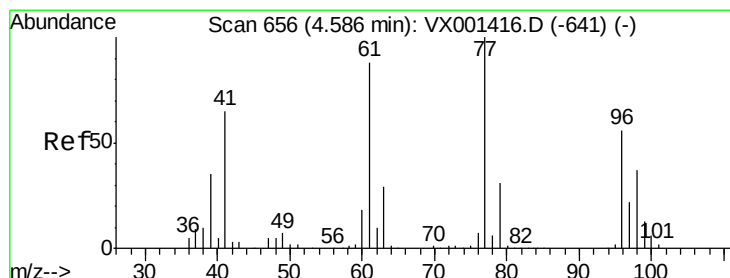
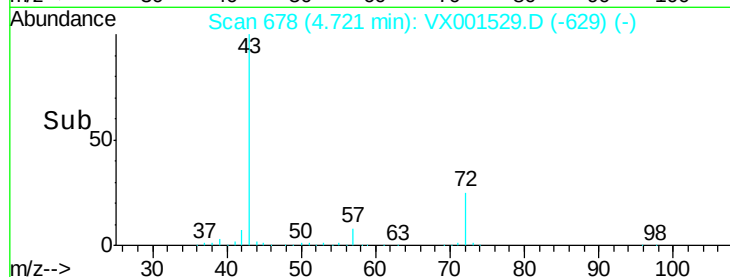
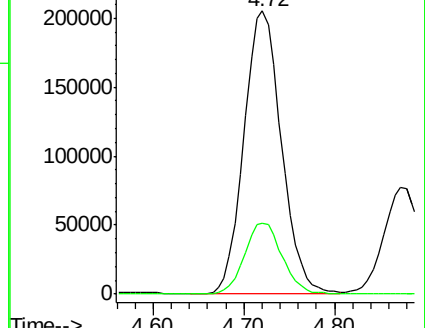
43 100

72 25.2 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.90 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001529.D

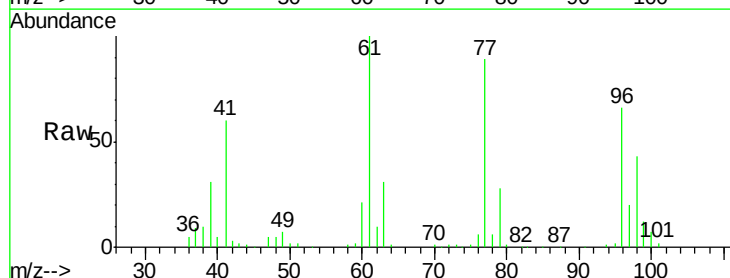
Acq: 08 May 2018 22:28

Tgt Ion: 77 Resp: 157718

Ion Ratio Lower Upper

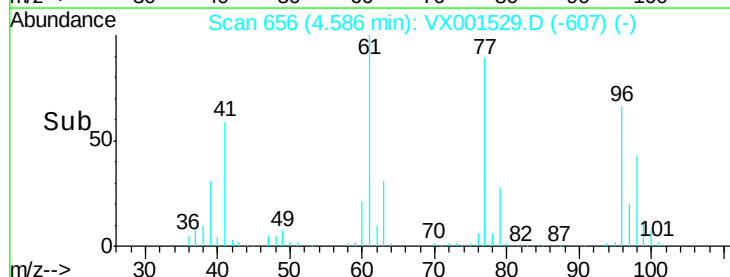
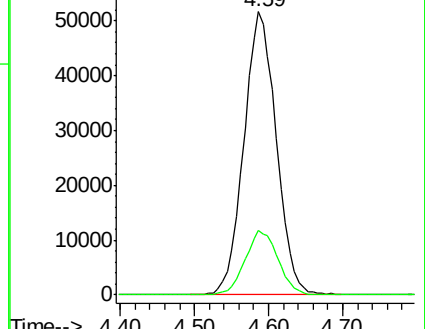
77 100

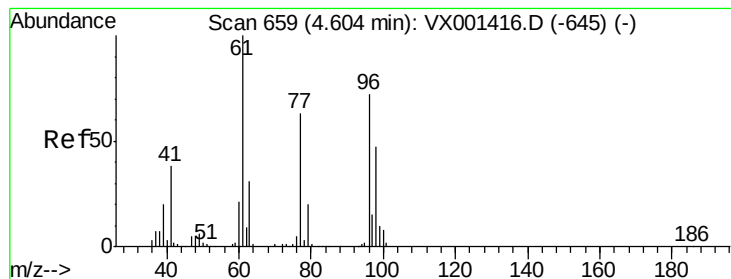
97 23.2 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 52.30 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

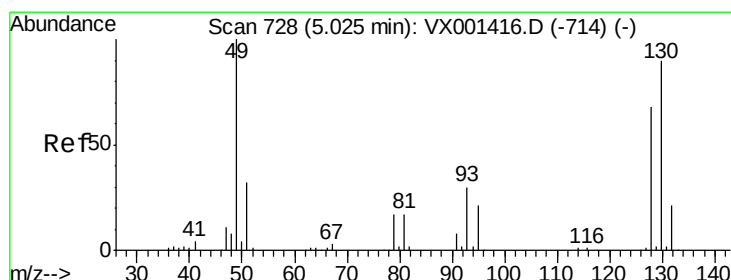
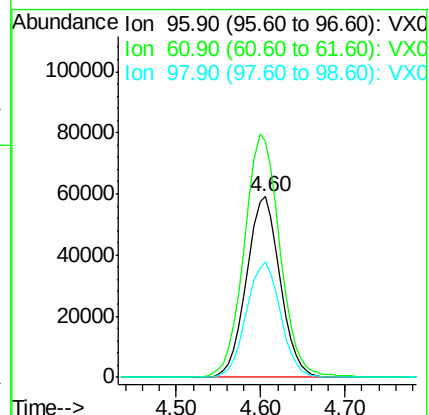
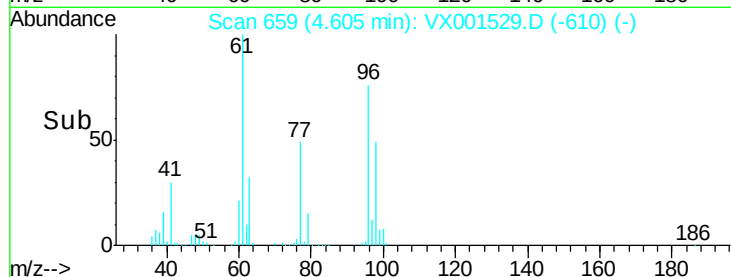
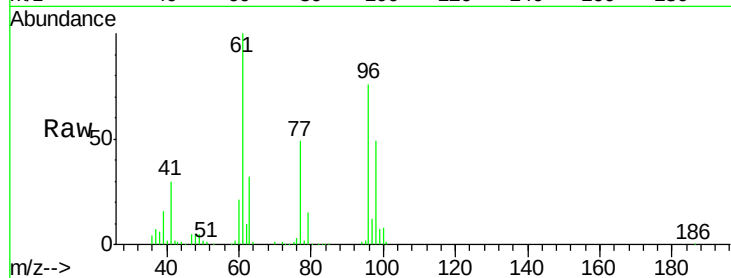
Tgt Ion: 96 Resp: 159500

Ion Ratio Lower Upper

96 100

61 143.9 0.0 301.6

98 65.1 0.0 131.6



#28

Bromochloromethane

Concen: 54.96 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

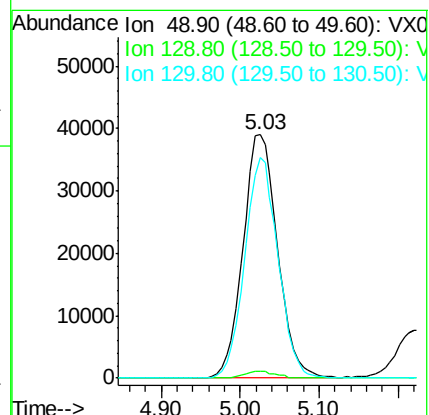
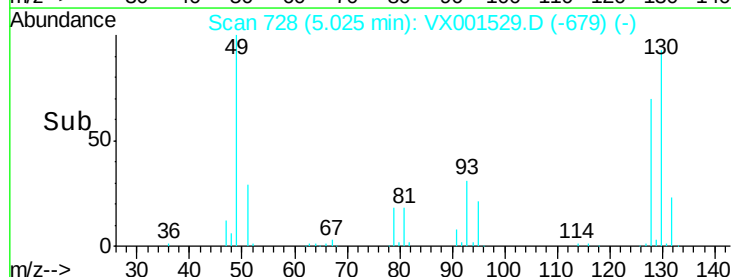
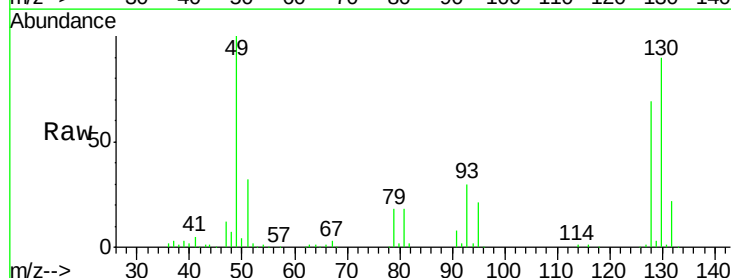
Tgt Ion: 49 Resp: 119000

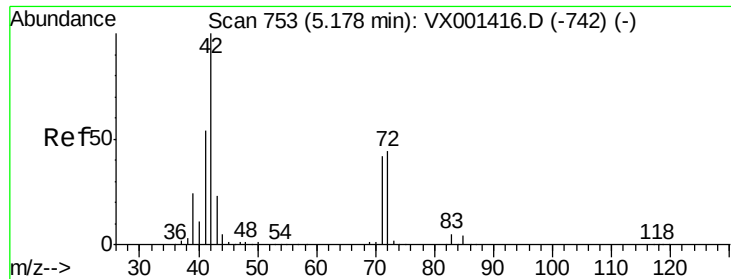
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

130 87.3 71.9 107.9

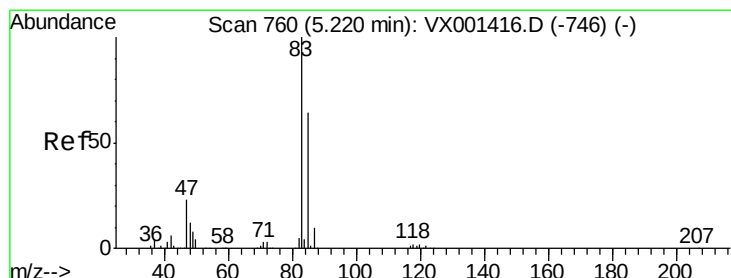
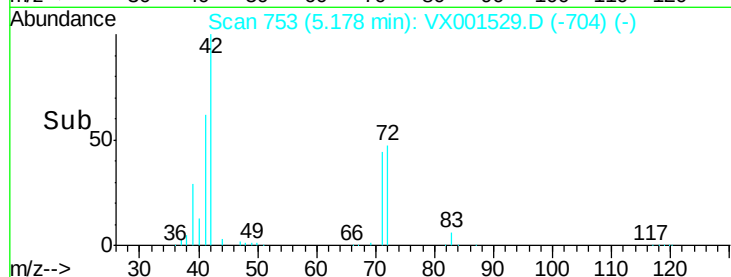
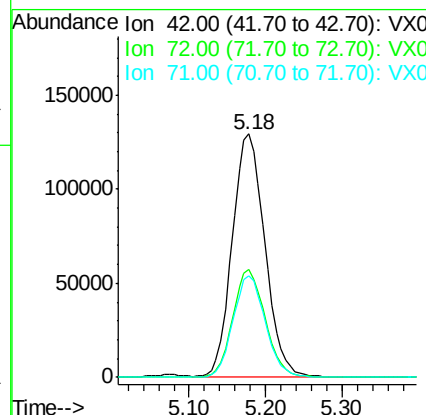
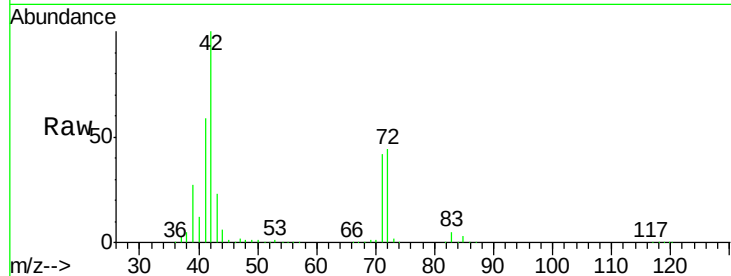




#29
Tetrahydrofuran
Concen: 272.38 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

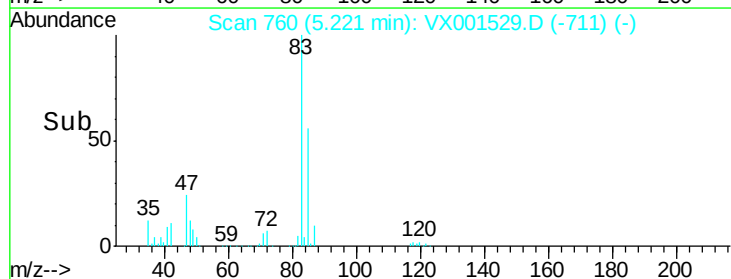
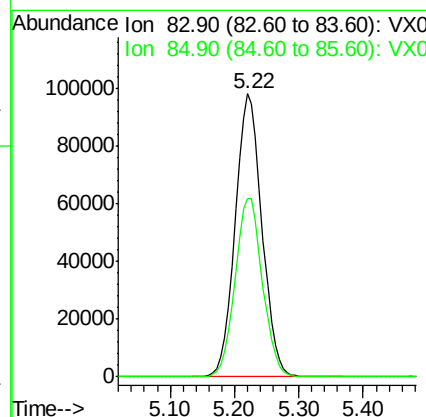
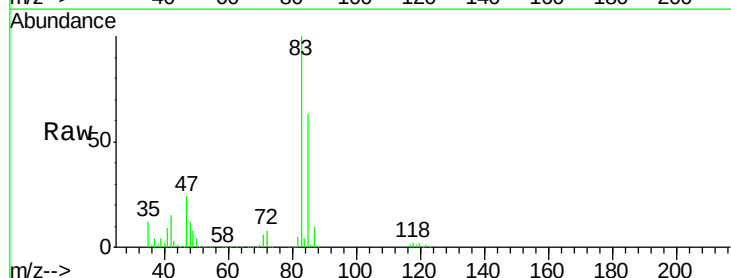
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

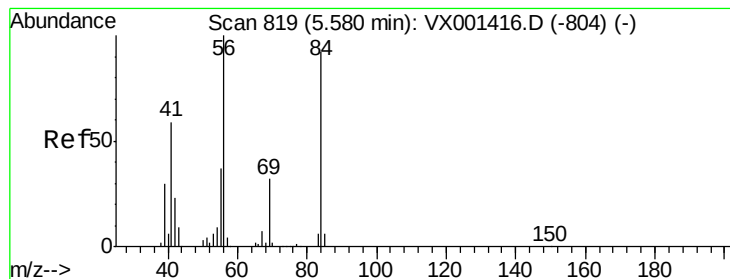
Tgt Ion: 42 Resp: 381278
Ion Ratio Lower Upper
42 100
72 44.3 35.4 53.2
71 41.4 33.0 49.4



#30
Chloroform
Concen: 55.08 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Tgt Ion: 83 Resp: 283319
Ion Ratio Lower Upper
83 100
85 63.0 51.0 76.4





#31

Cyclohexane

Concen: 52.29 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

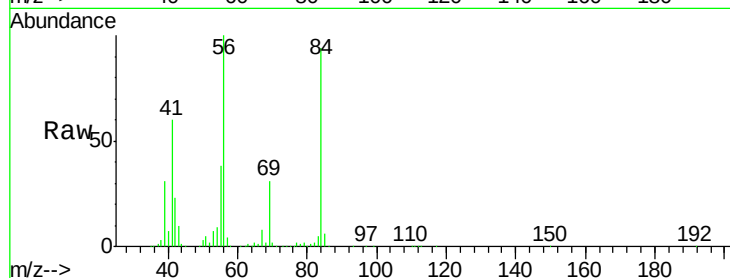
Tgt Ion: 56 Resp: 224287

Ion Ratio Lower Upper

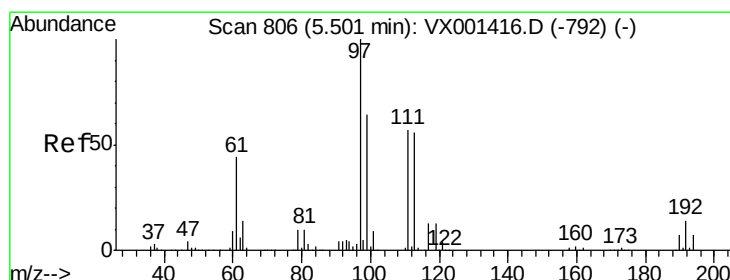
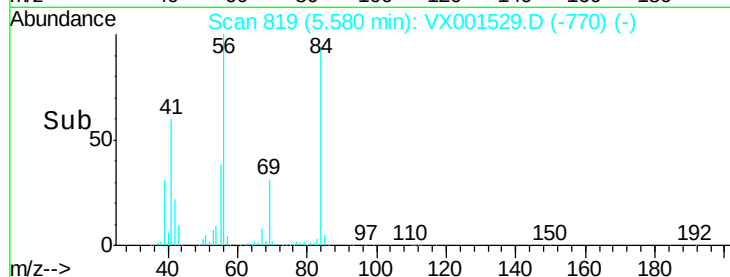
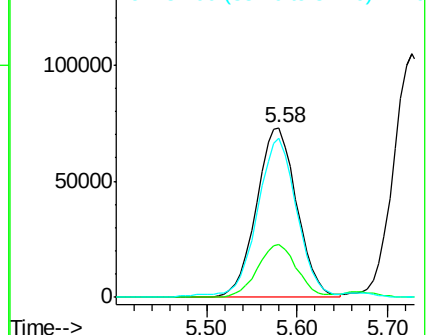
56 100

69 31.2 25.4 38.0

84 92.4 73.8 110.8



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: 55.67 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

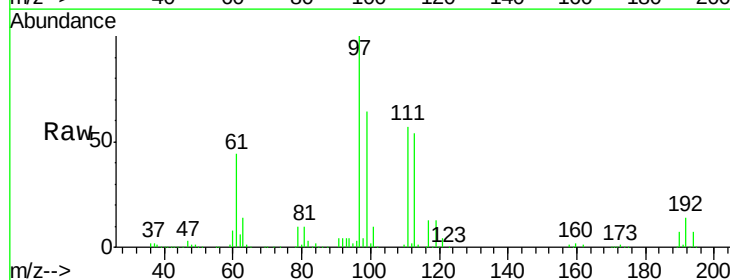
Tgt Ion: 97 Resp: 250264

Ion Ratio Lower Upper

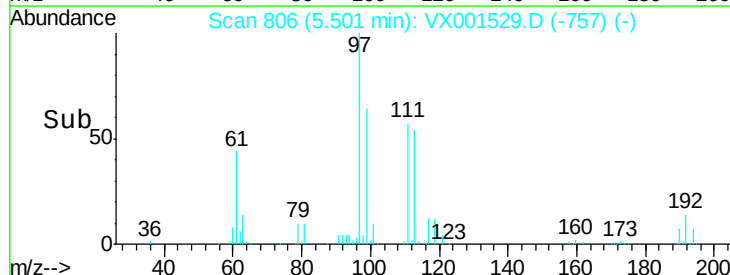
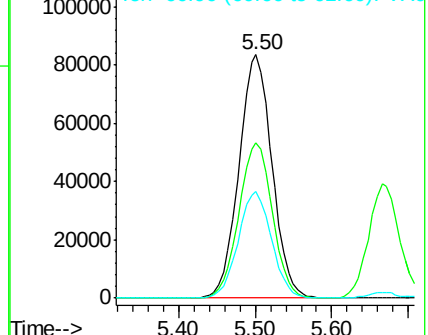
97 100

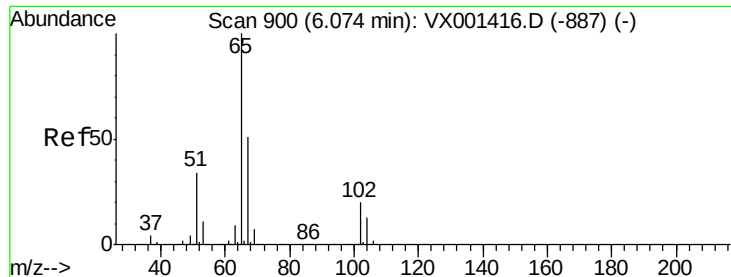
99 64.8 51.3 76.9

61 44.3 34.8 52.2



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

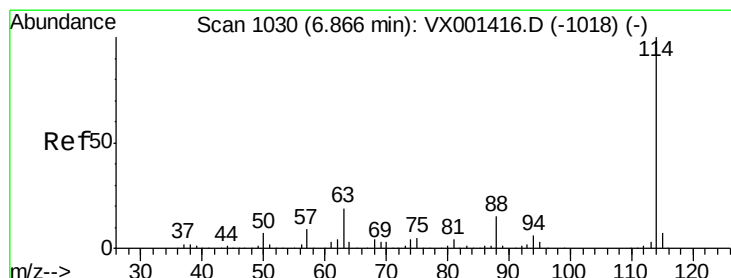
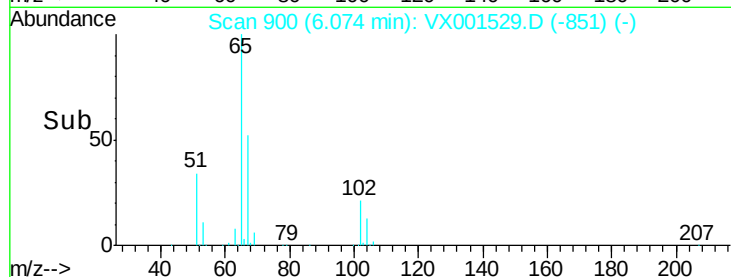
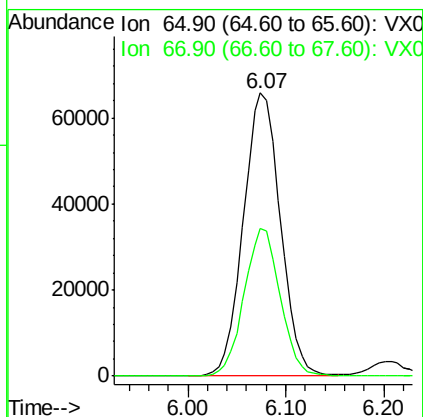
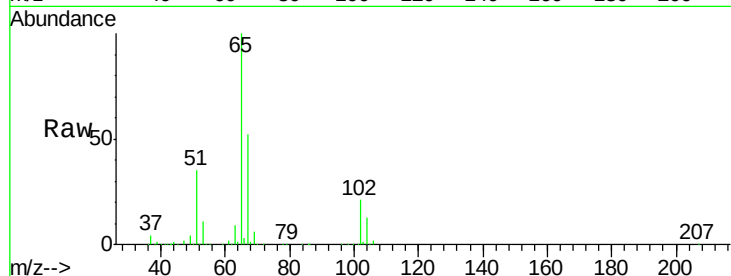




#33
 1,2-Dichloroethane-d4
 Concen: 51.92 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

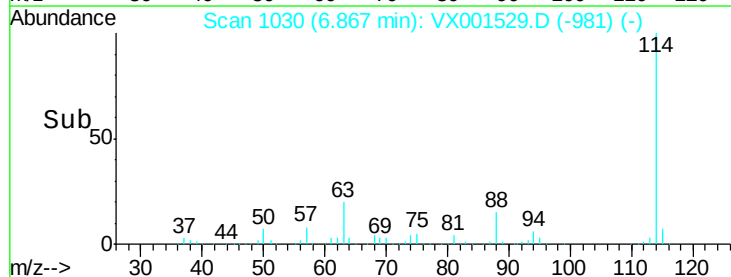
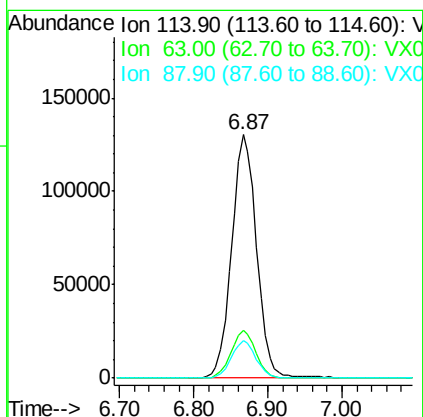
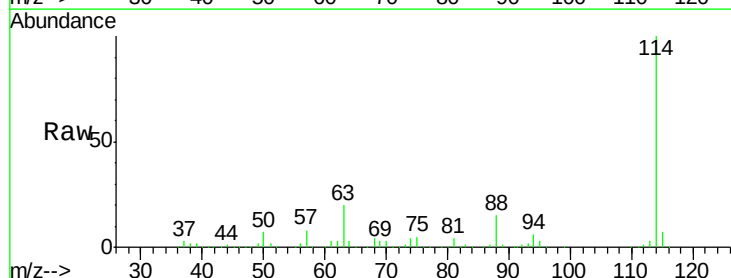
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

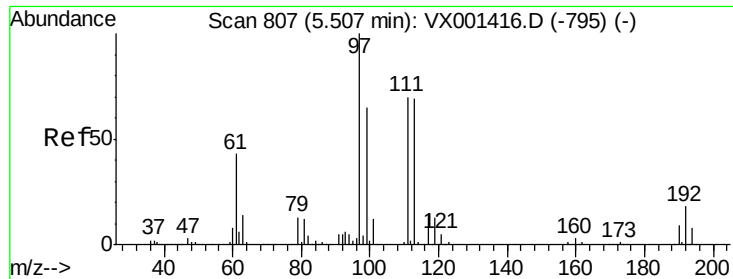
Tgt Ion: 65 Resp: 173053
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion: 114 Resp: 305722
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.5 0.0 30.8

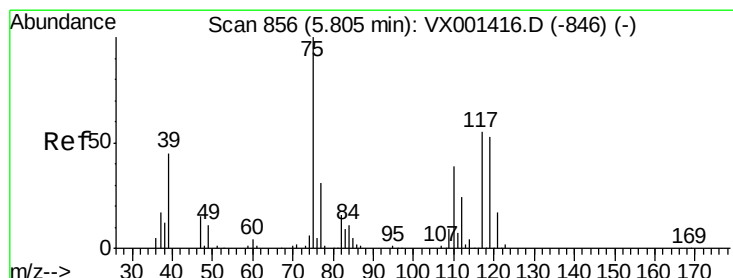
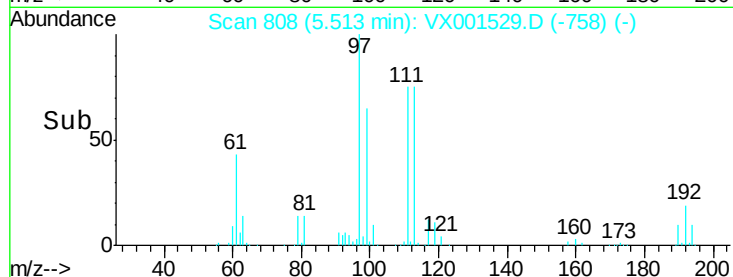
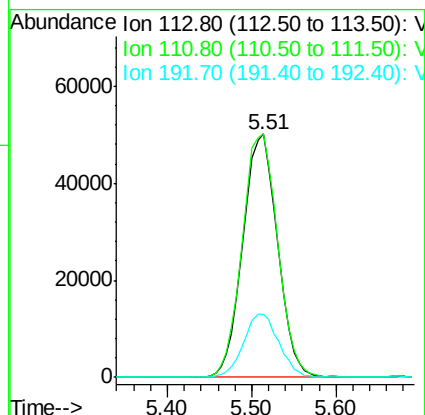
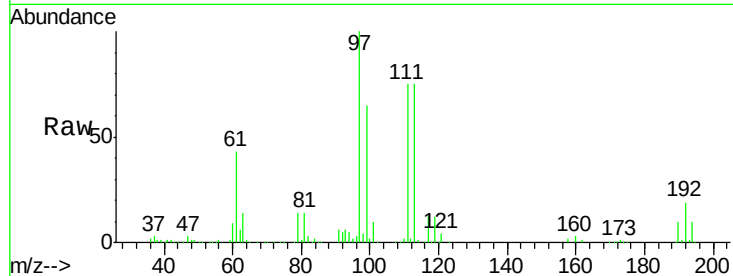




#35
 Dibromofluoromethane
 Concen: 51.51 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

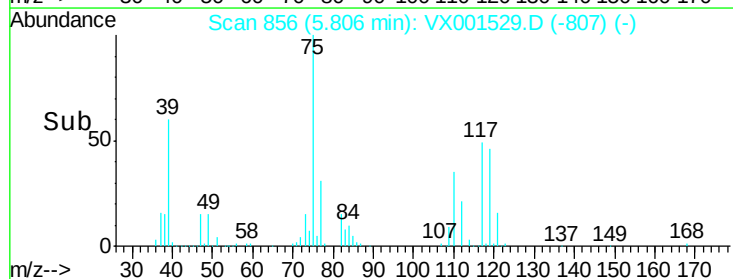
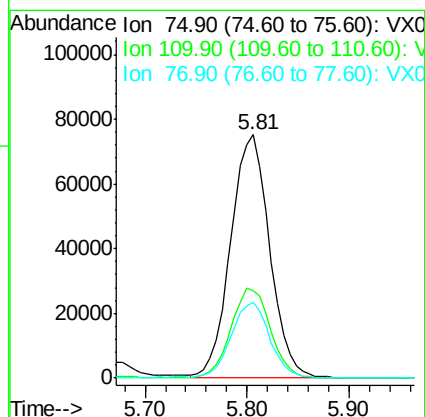
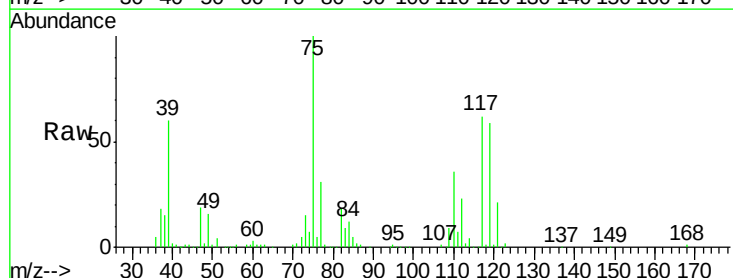
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

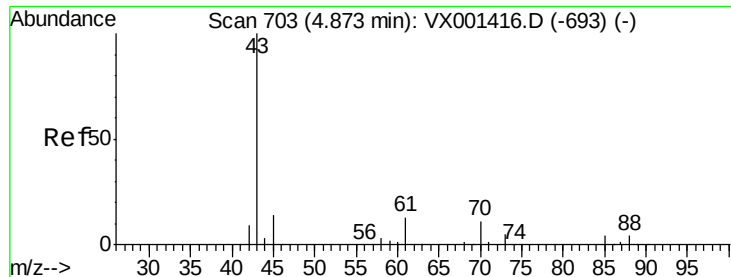
Tgt Ion:113 Resp: 140077
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 26.4 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 51.01 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion: 75 Resp: 198369
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.9 56.7
 77 30.8 24.9 37.3

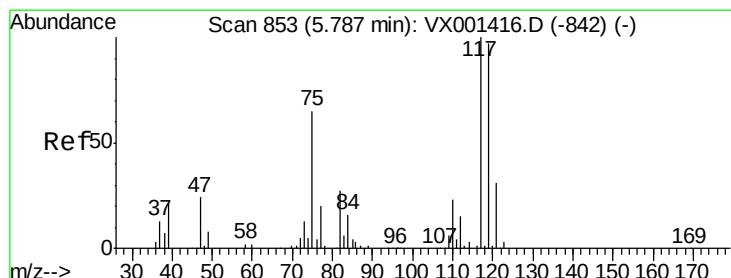
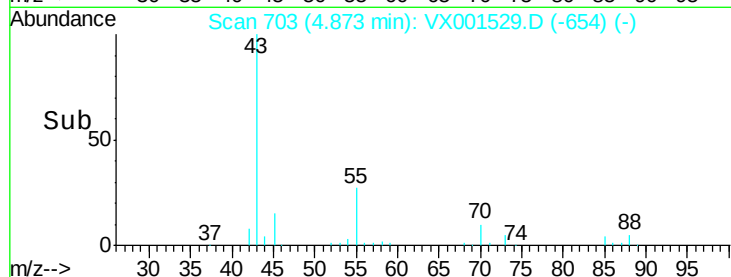
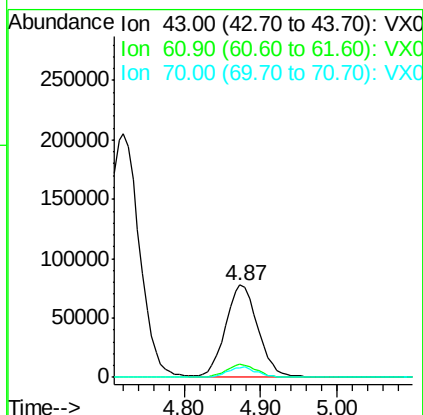
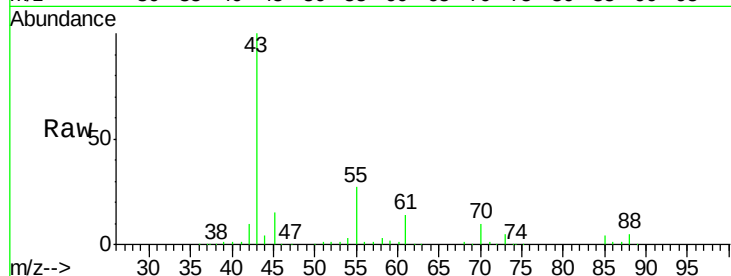




#37
Ethyl Acetate
Concen: 53.34 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

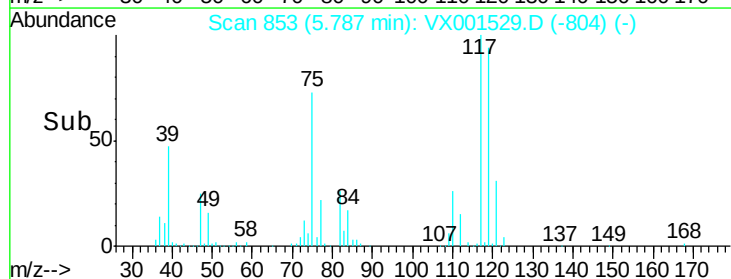
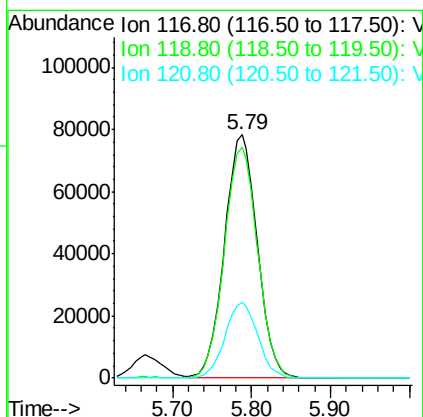
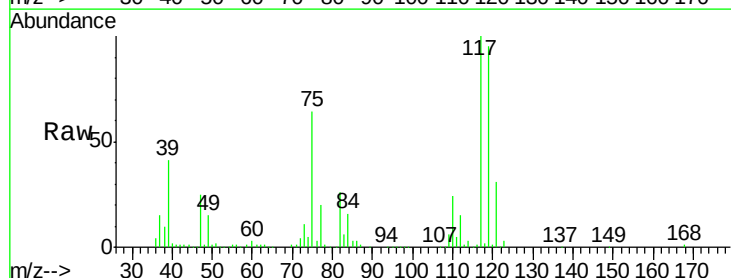
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

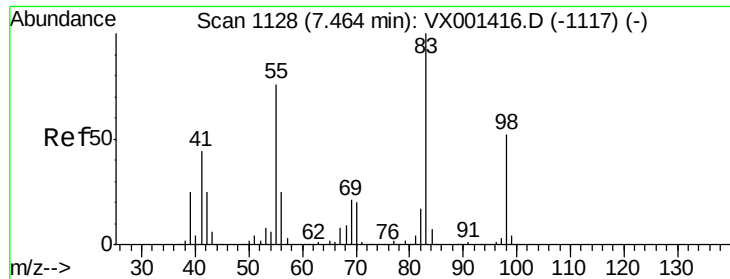
Tgt Ion: 43 Resp: 227380
Ion Ratio Lower Upper
43 100
61 12.9 10.7 16.1
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 54.73 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Tgt Ion: 117 Resp: 227016
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6
121 31.4 25.1 37.7

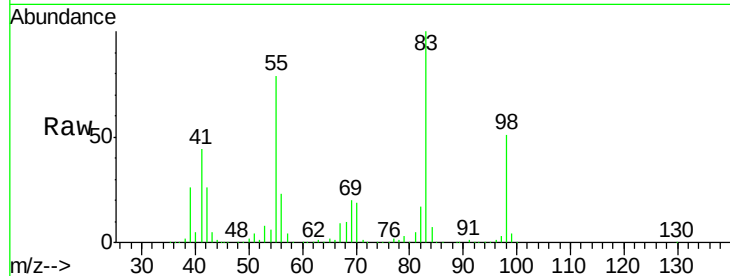




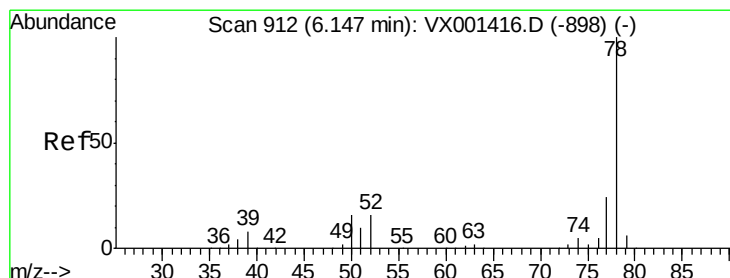
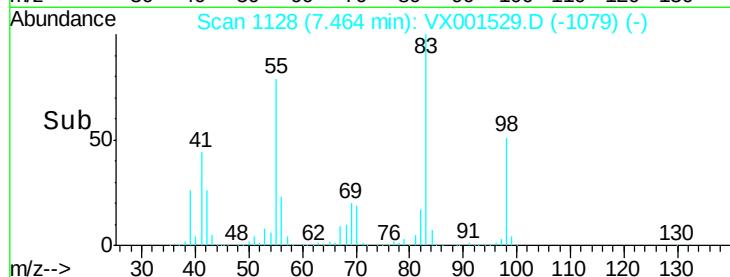
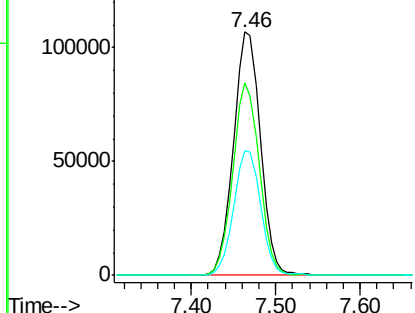
#39
Methylcyclohexane
Concen: 50.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.9	60.9	91.3
98	50.9	41.9	62.9

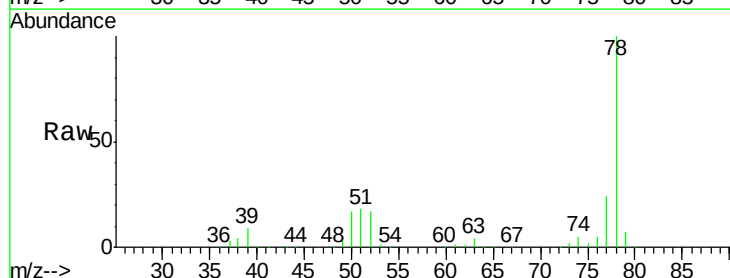


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

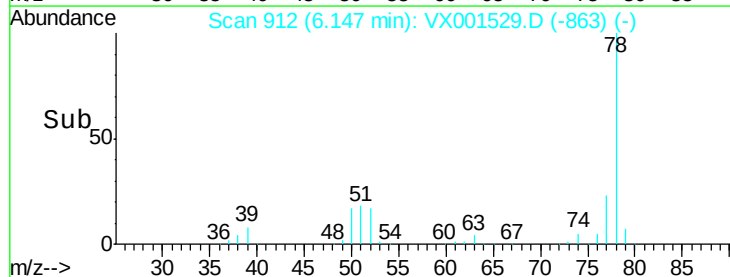
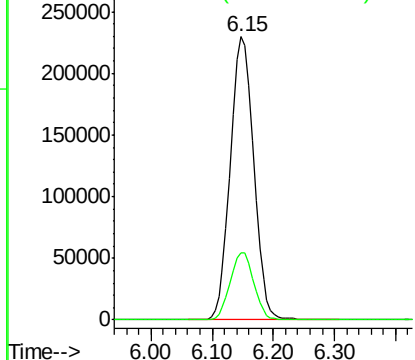


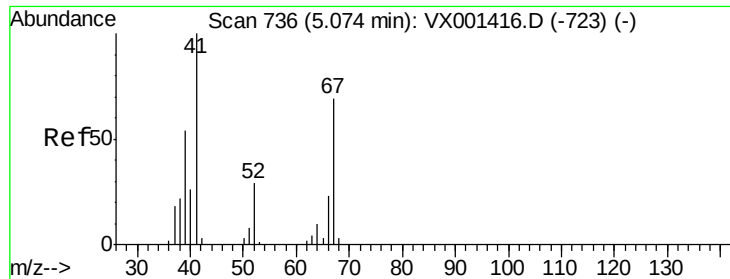
#40
Benzene
Concen: 53.35 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2



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

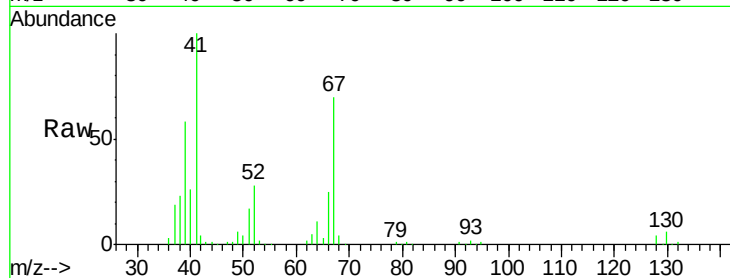




#41
Methacrylonitrile
Concen: 53.11 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	129536
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.0	67.6
67	68.4	55.0	82.6
52	28.7	23.4	35.0



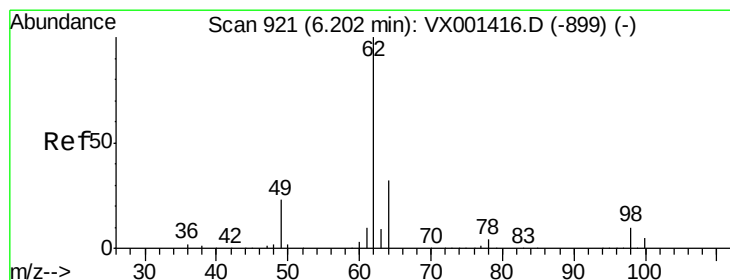
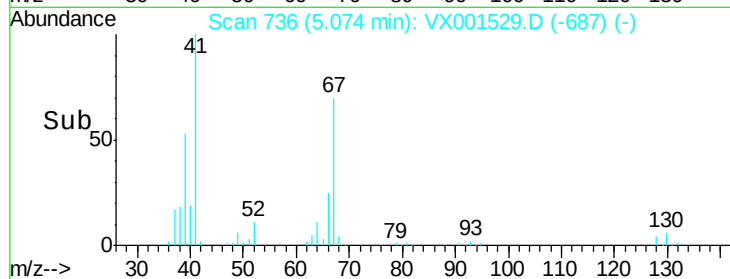
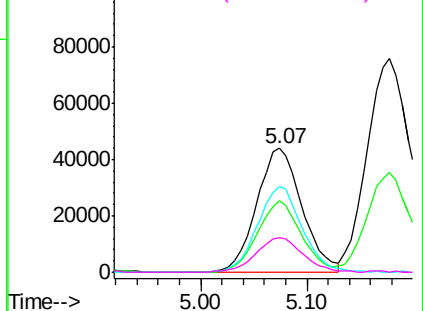
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

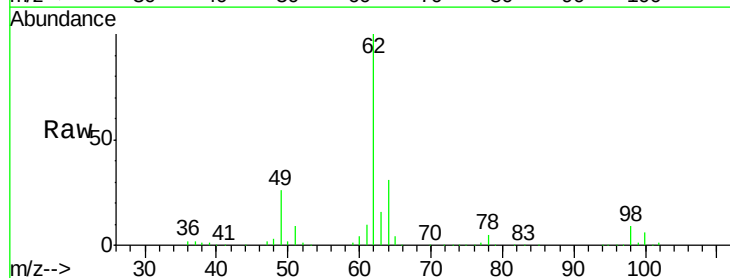
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 53.85 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

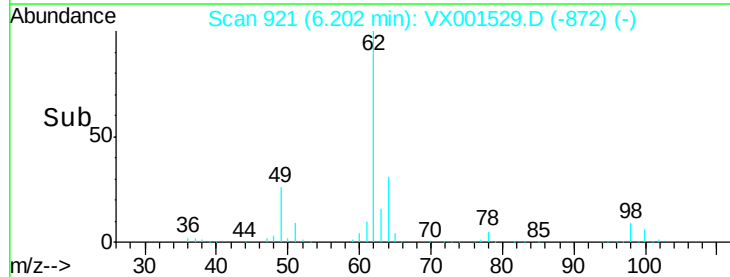
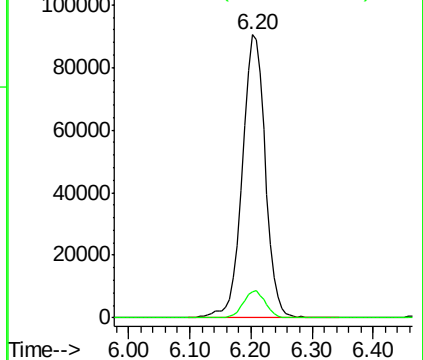
Tgt Ion:	62	Resp:	235080
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0

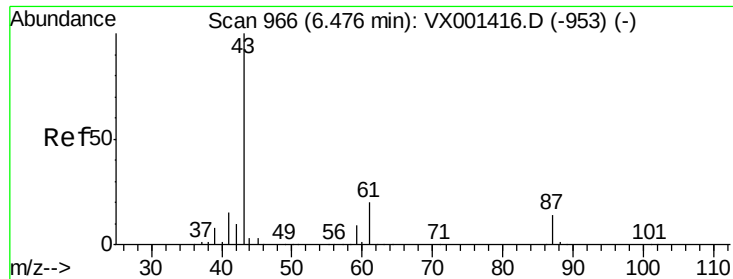


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.96 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

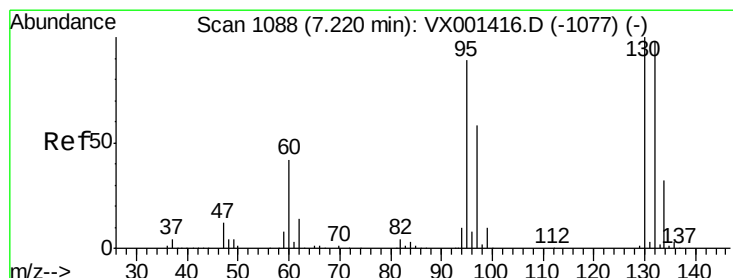
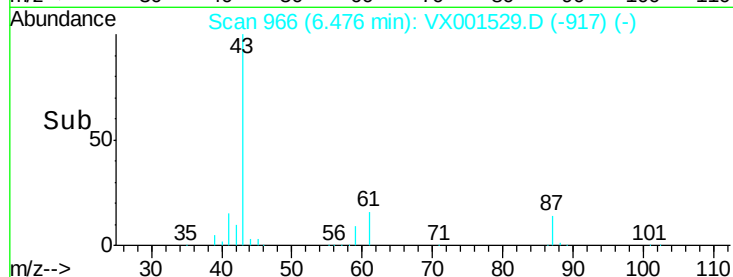
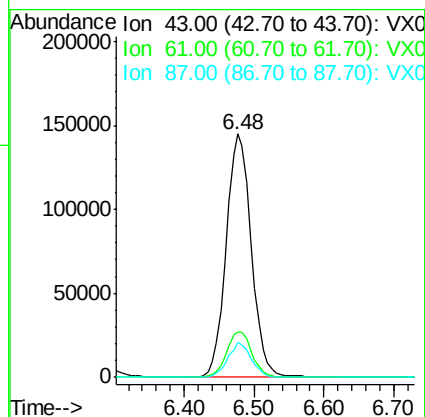
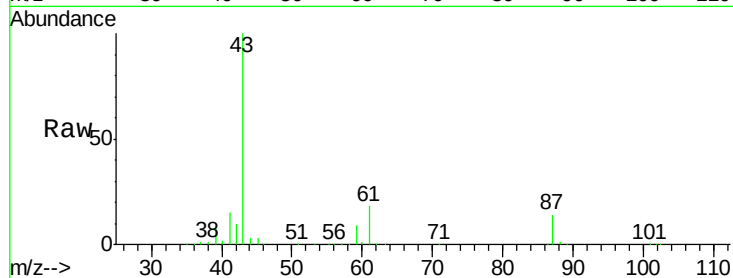
Tgt Ion: 43 Resp: 359648

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.0

87 13.5 10.8 16.2



#44

Trichloroethene

Concen: 53.32 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001529.D

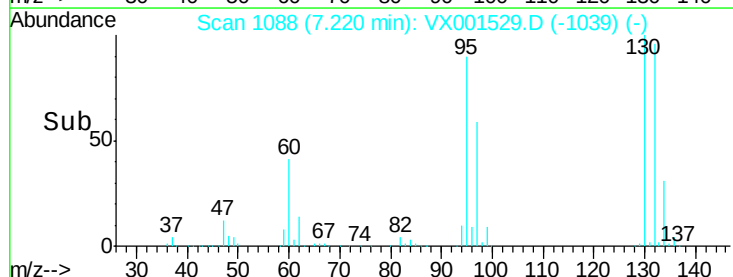
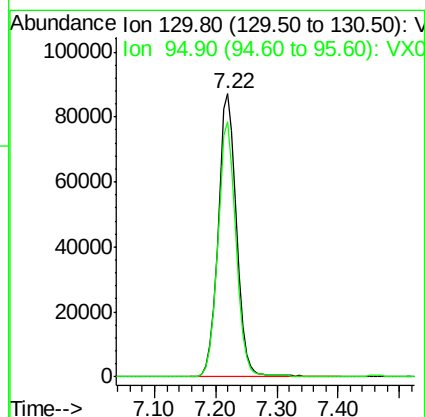
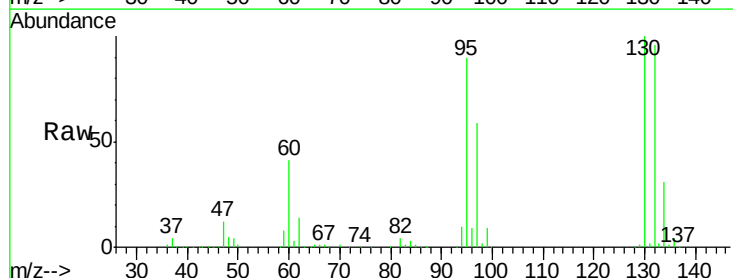
Acq: 08 May 2018 22:28

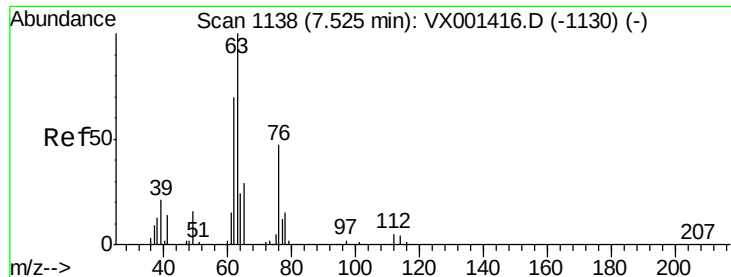
Tgt Ion: 130 Resp: 185107

Ion Ratio Lower Upper

130 100

95 90.2 0.0 178.4

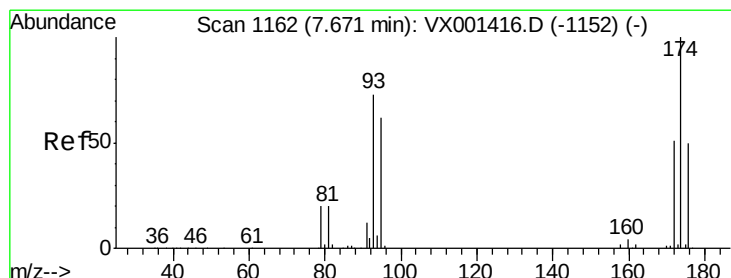
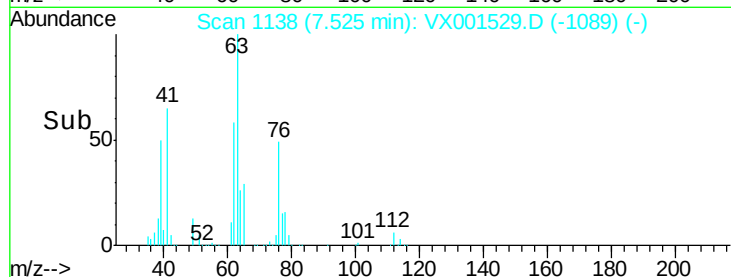
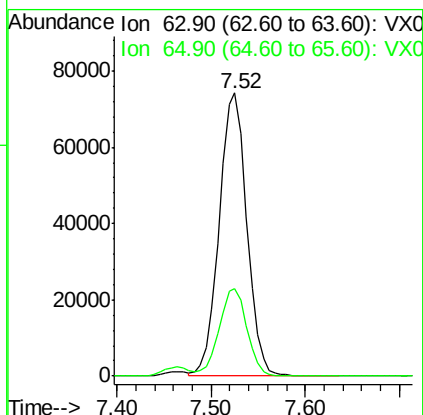
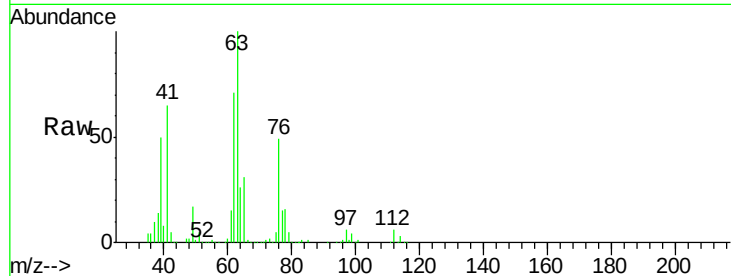




#45
 1,2-Dichloropropane
 Concen: 53.35 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

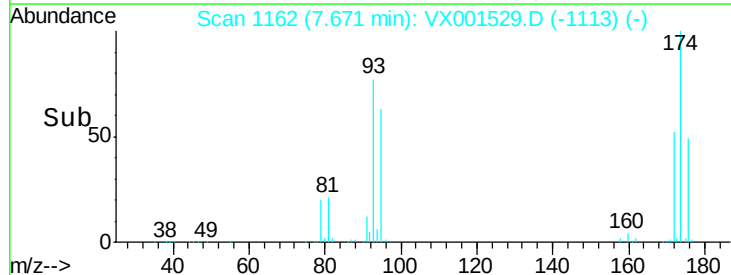
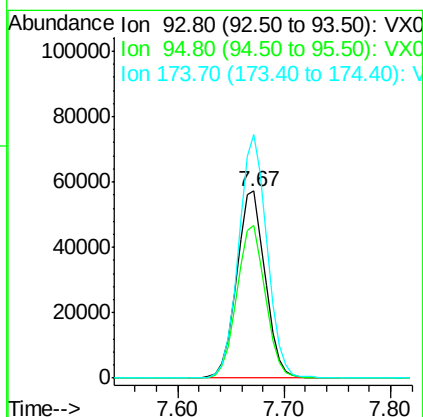
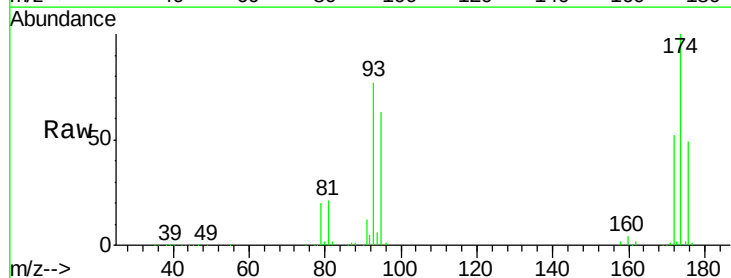
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

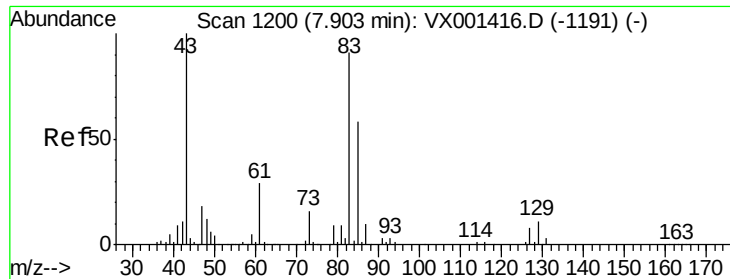
Tgt Ion: 63 Resp: 151080
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.5 36.7



#46
 Dibromomethane
 Concen: 53.73 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion: 93 Resp: 107712
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.0 100.4
 174 129.2 104.5 156.7





#47

Bromodichloromethane

Concen: 56.61 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

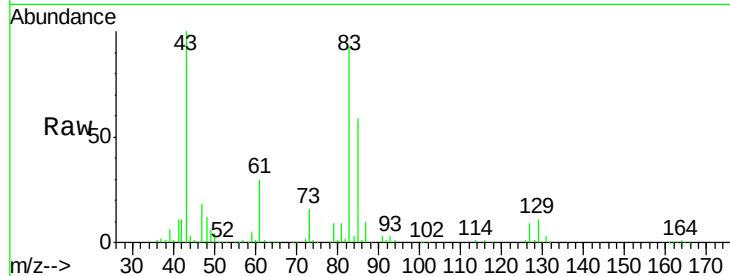
Tgt Ion: 83 Resp: 210045

Ion Ratio Lower Upper

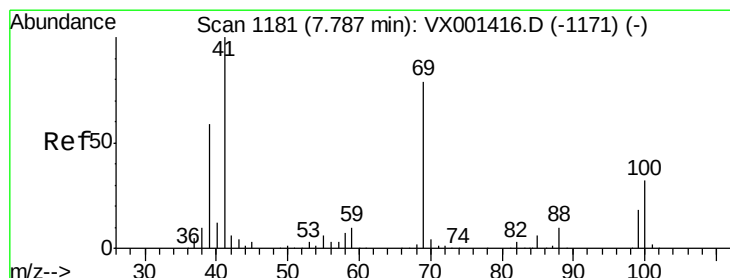
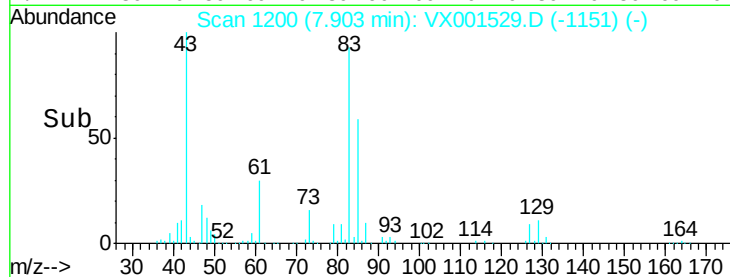
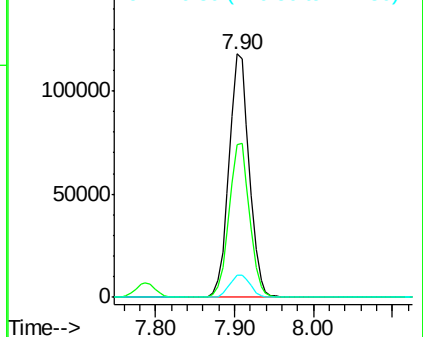
83 100

85 62.8 51.0 76.6

127 9.2 7.4 11.2



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: 55.16 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

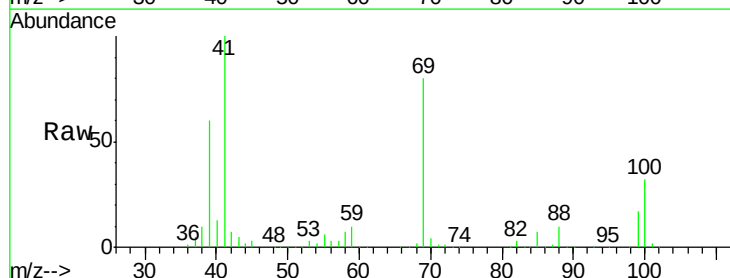
Tgt Ion: 41 Resp: 196541

Ion Ratio Lower Upper

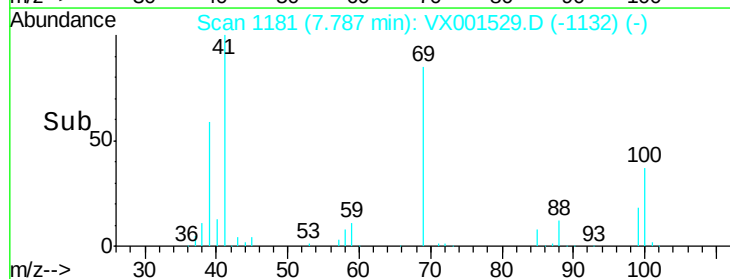
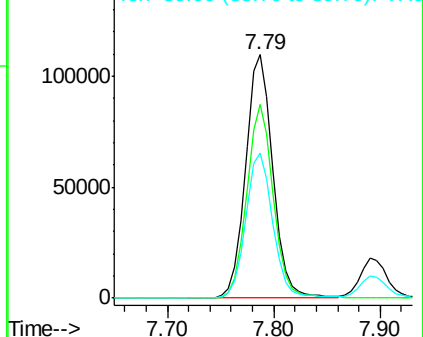
41 100

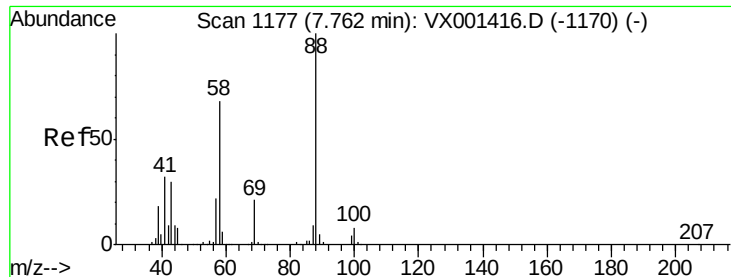
69 78.2 63.4 95.2

39 59.4 47.0 70.4



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

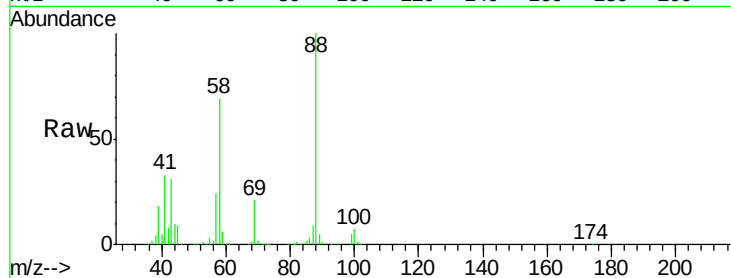




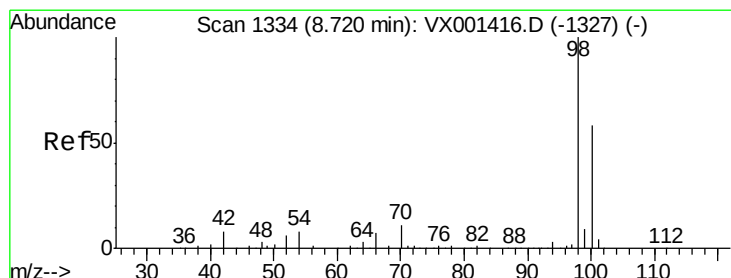
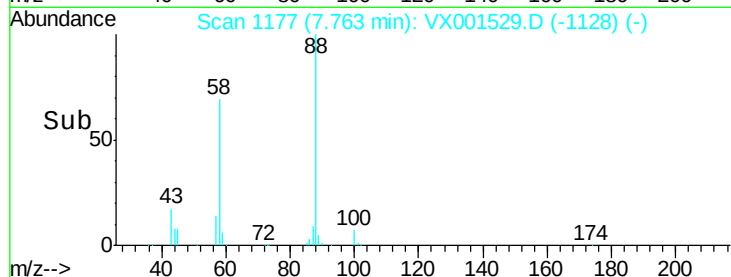
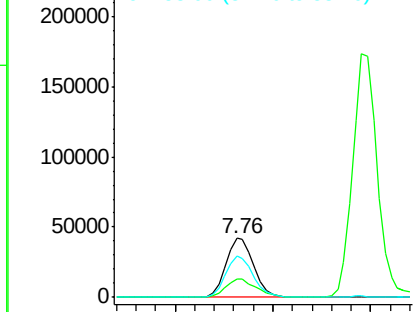
#49
1,4-Dioxane
Concen: 1070.24 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 82394
Ion Ratio Lower Upper
88 100
43 33.9 26.4 39.6
58 68.9 54.1 81.1

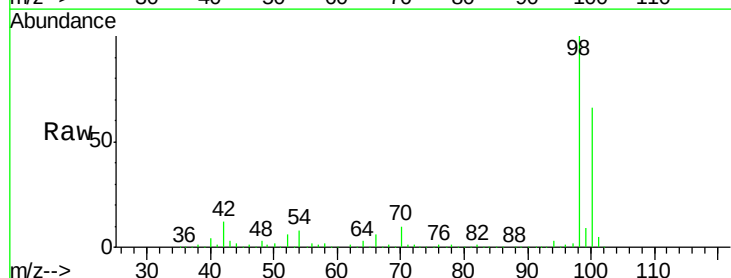


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

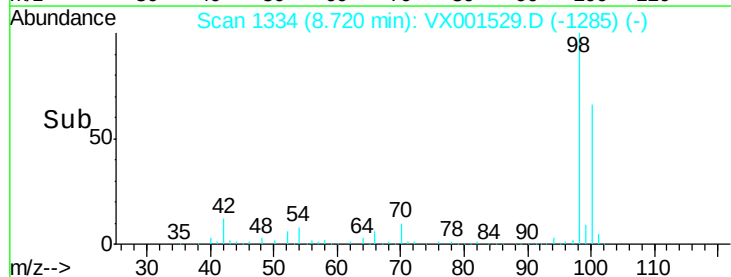
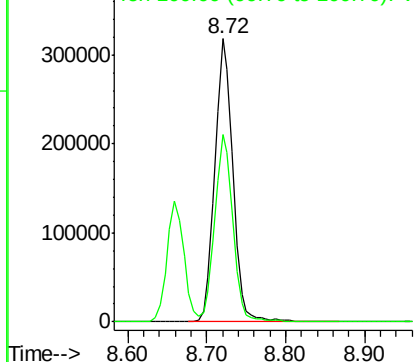


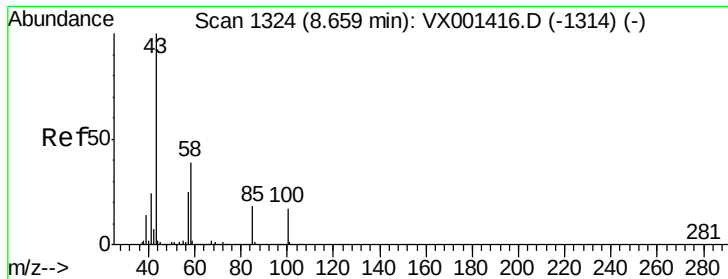
#50
Toluene-d8
Concen: 51.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Tgt Ion: 98 Resp: 506834
Ion Ratio Lower Upper
98 100
100 67.0 54.0 81.0



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

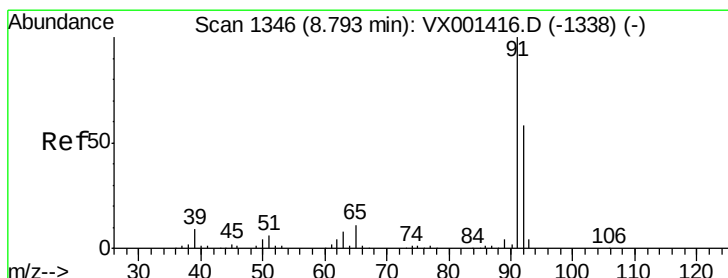
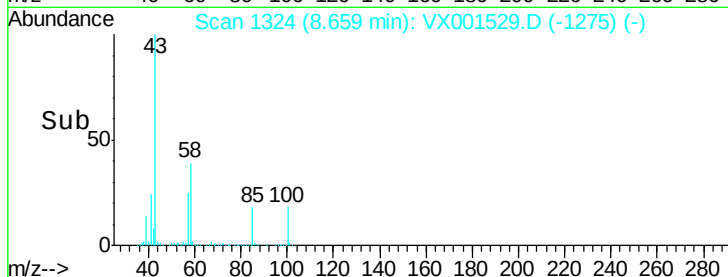
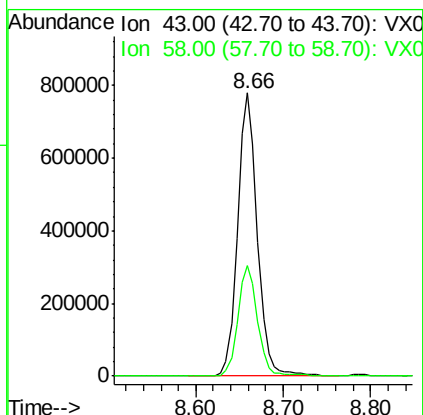
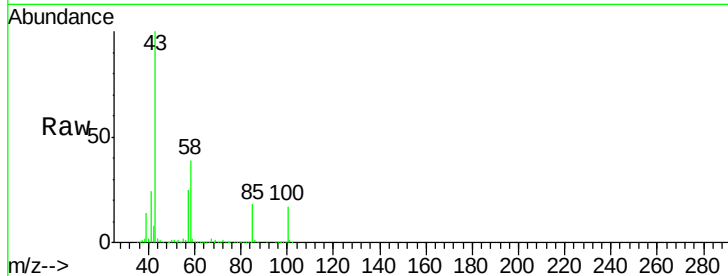




#51
 4-Methyl-2-Pentanone
 Concen: 281.49 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

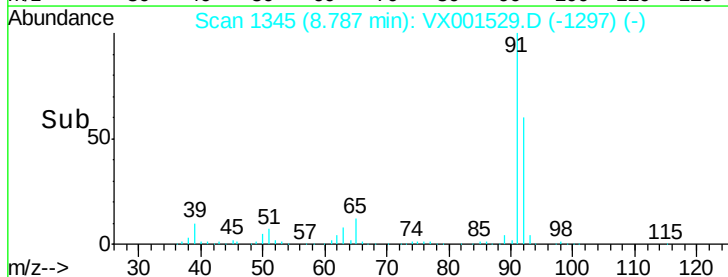
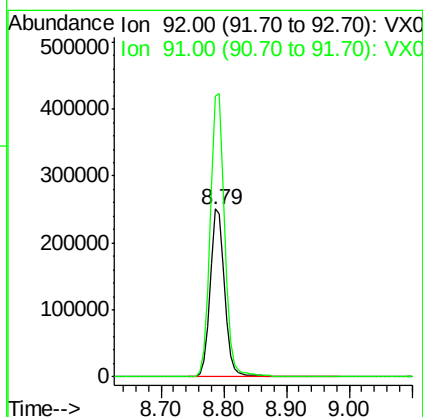
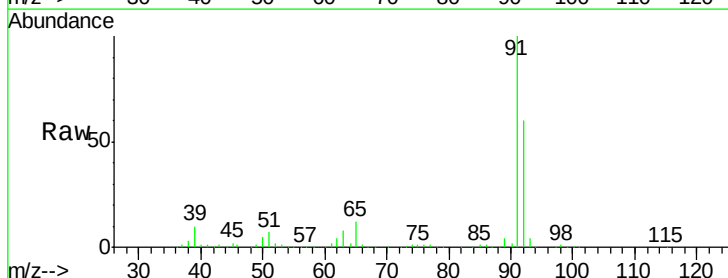
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

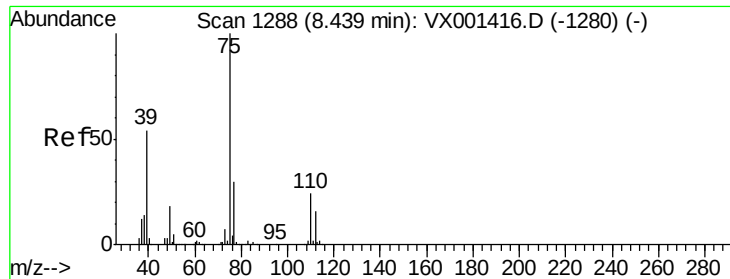
Tgt Ion: 43 Resp: 1224117
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.8 46.2



#52
 Toluene
 Concen: 53.58 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion: 92 Resp: 397934
 Ion Ratio Lower Upper
 92 100
 91 170.2 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 54.90 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

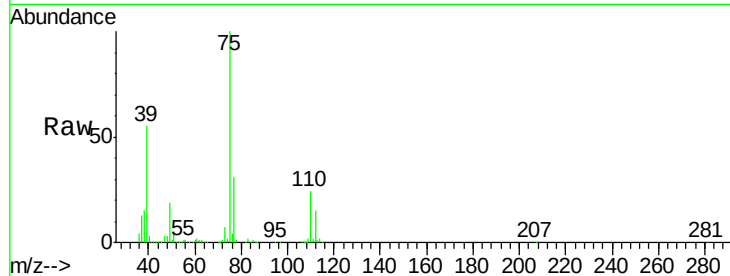
VSTDCCC050

Tgt Ion: 75 Resp: 230214

Ion Ratio Lower Upper

75 100

77 31.4 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

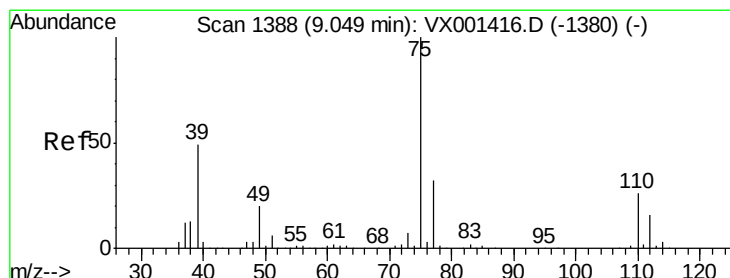
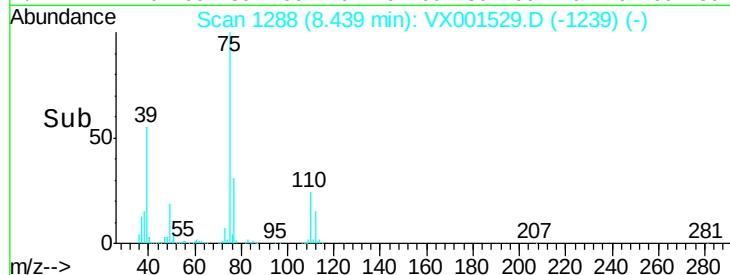
150000

100000

50000

0

Time--> 8.35 8.40 8.45 8.50 8.55



#54

cis-1,3-Dichloropropene

Concen: 48.49 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

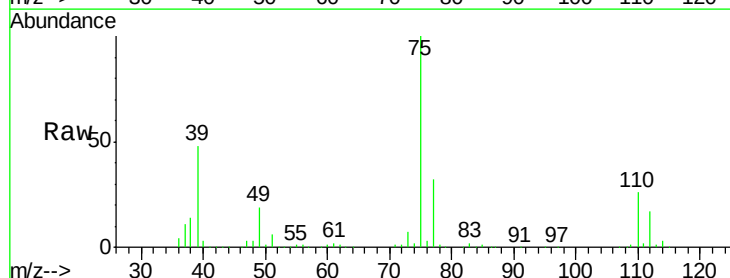
Tgt Ion: 75 Resp: 209913

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 47.9 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

200000

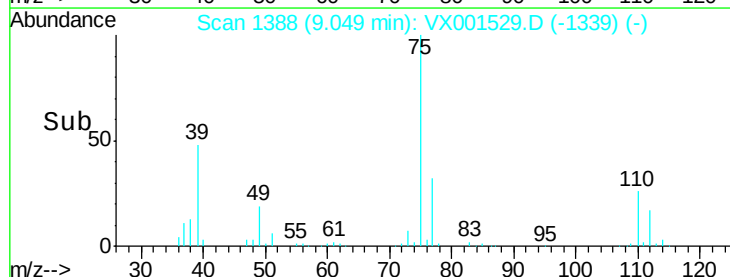
150000

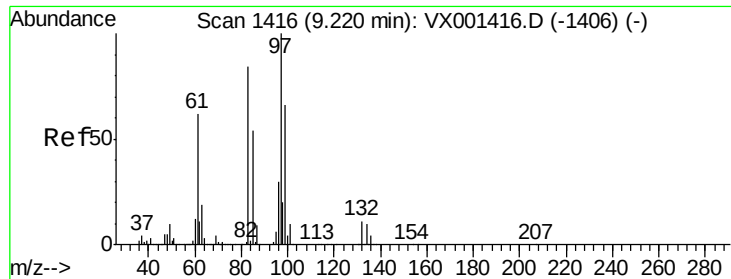
100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15

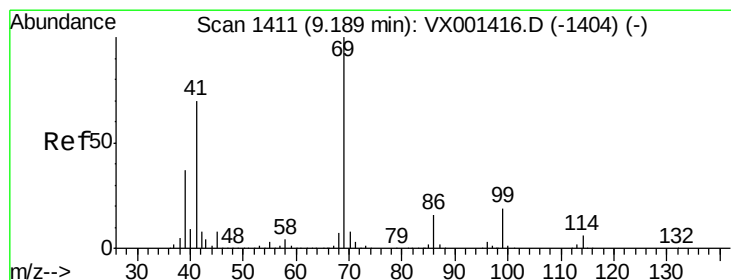
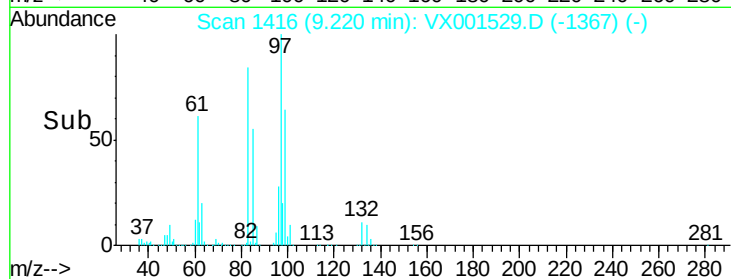
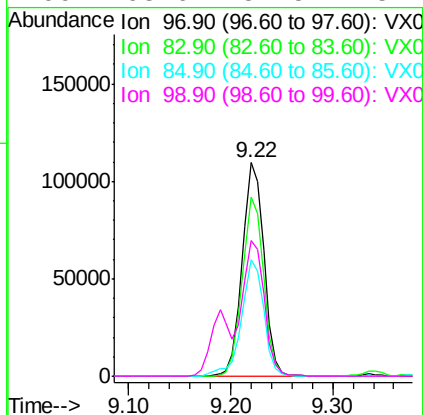
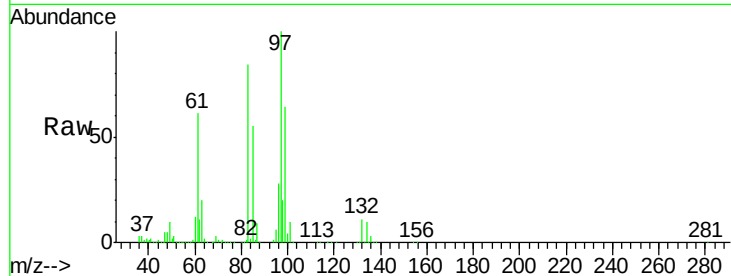




#55
 1,1,2-Trichloroethane
 Concen: 54.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

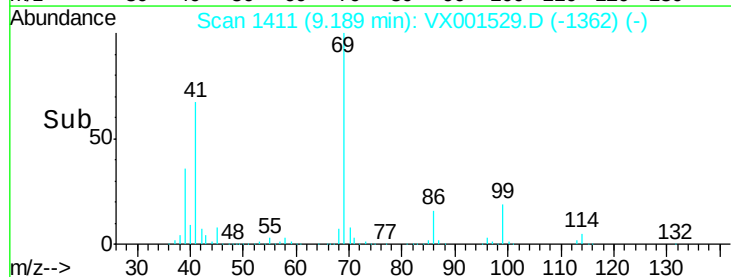
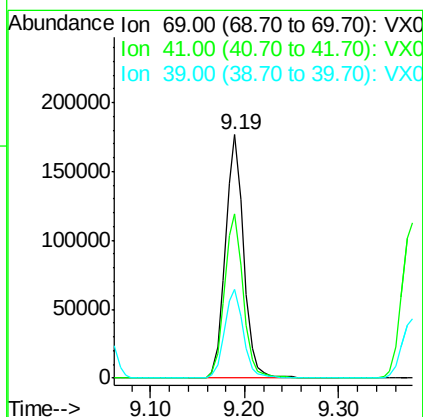
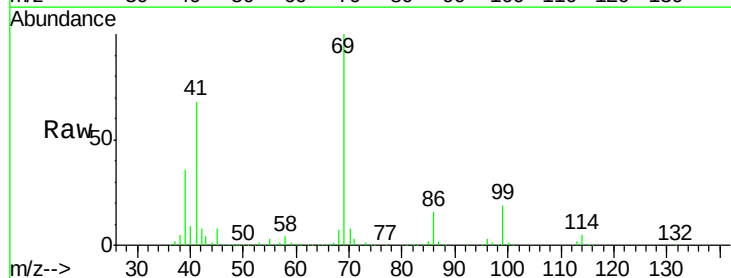
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

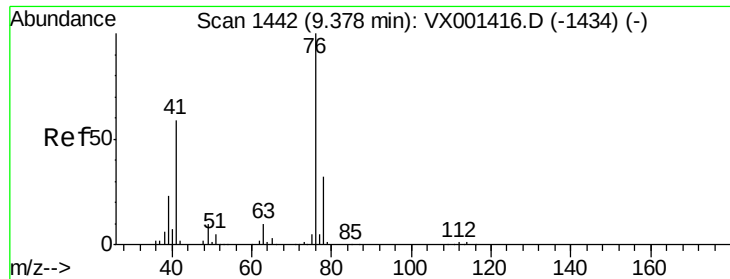
Tgt Ion:	97	Resp:	161858
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.0
85	54.6	43.3	64.9
99	63.6	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 55.18 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion:	69	Resp:	237994
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.1	82.7
39	37.4	29.9	44.9

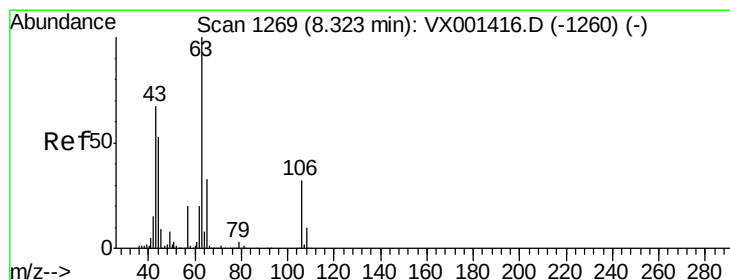
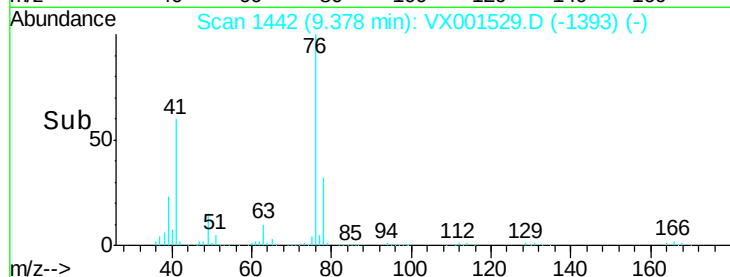
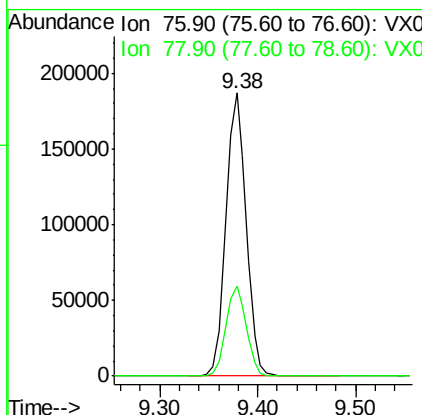
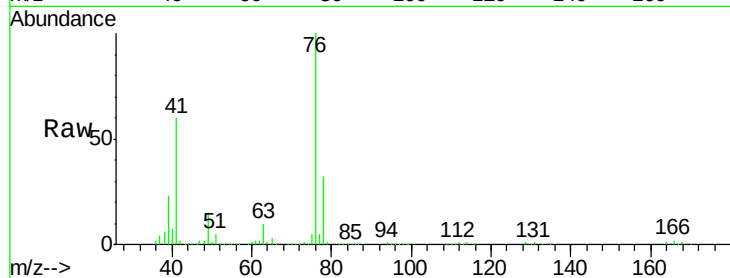




#57
 1,3-Dichloropropane
 Concen: 54.04 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

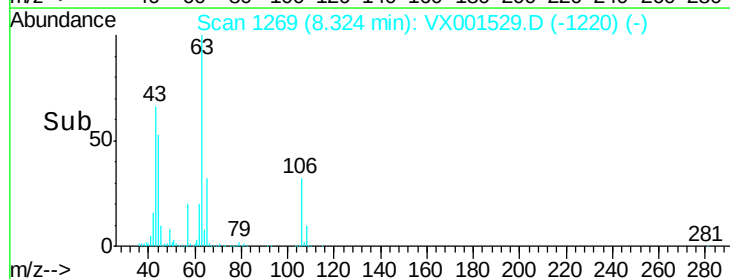
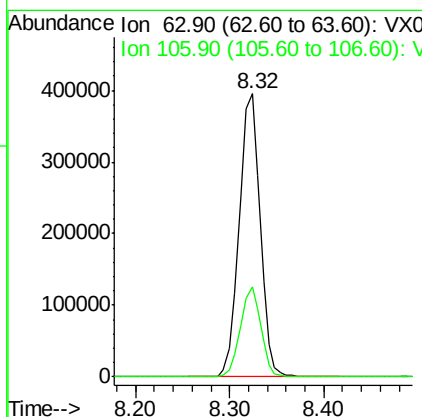
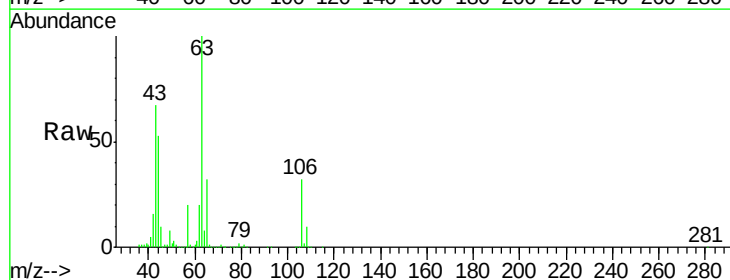
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

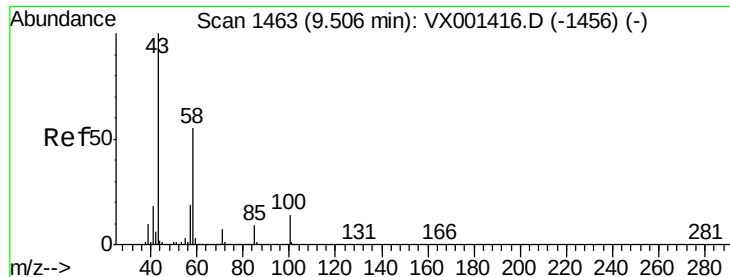
Tgt Ion: 76 Resp: 267379
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 290.09 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion: 63 Resp: 613717
 Ion Ratio Lower Upper
 63 100
 106 31.1 25.4 38.0

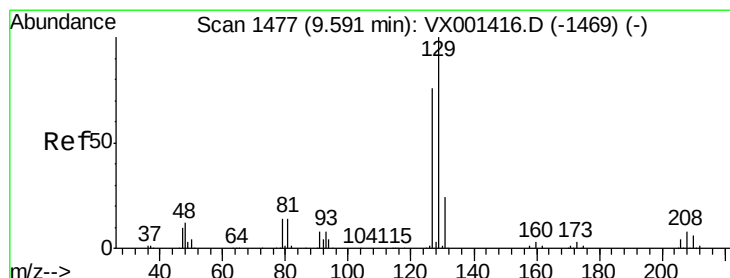
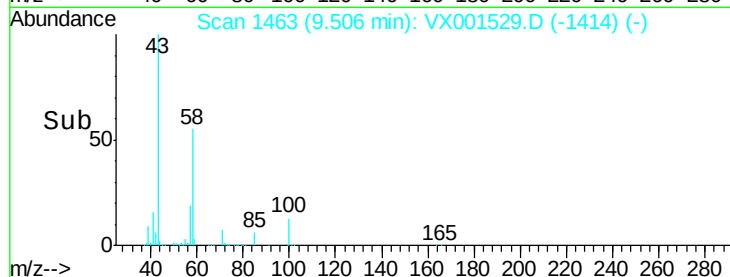
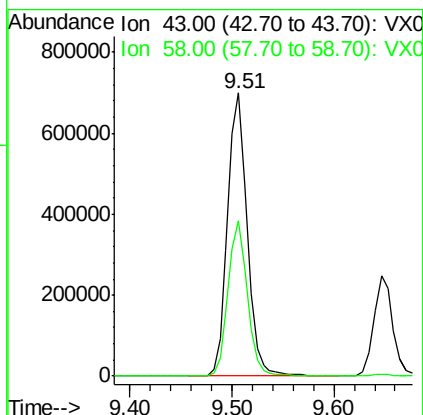
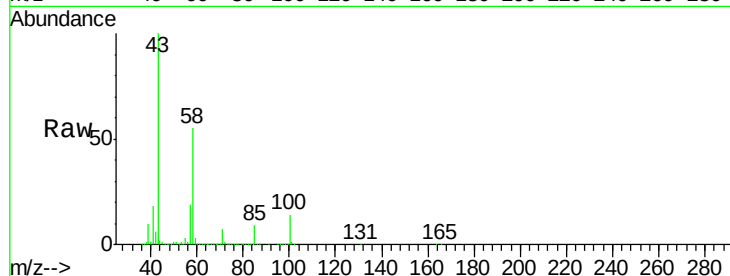




#59
2-Hexanone
Concen: 278.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

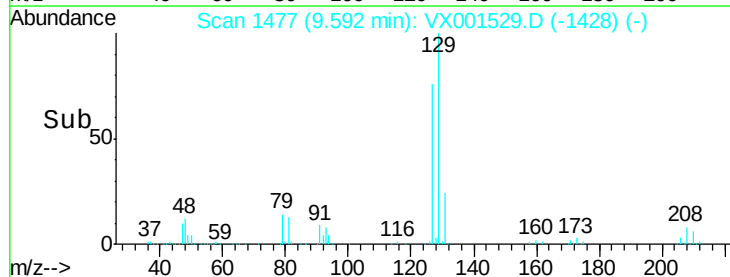
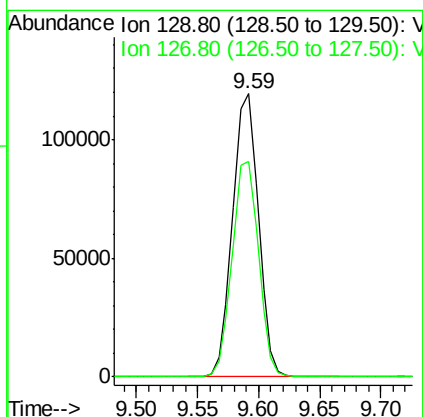
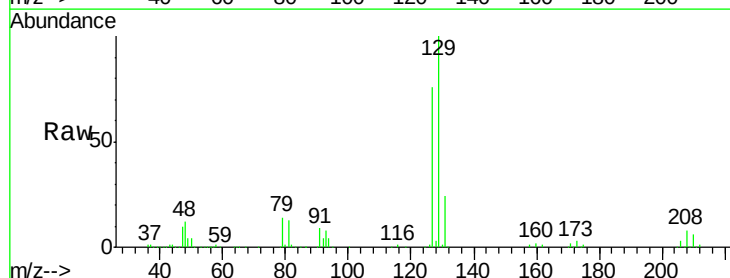
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

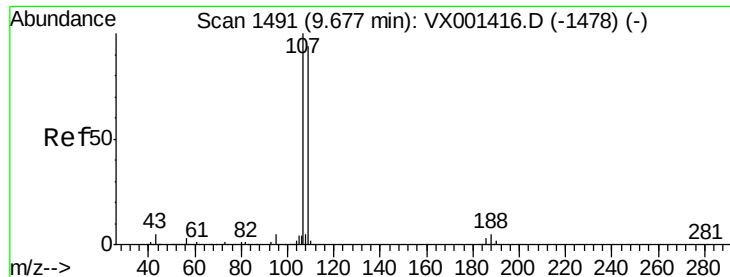
Tgt Ion: 43 Resp: 928775
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.2



#60
Dibromochloromethane
Concen: 57.04 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Tgt Ion: 129 Resp: 174787
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 54.84 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

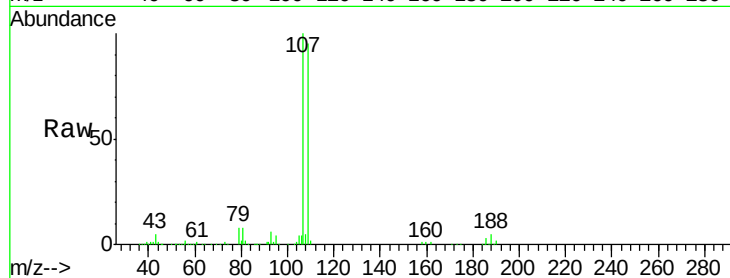
VSTDCCC050

Tgt Ion:107 Resp: 172308

Ion Ratio Lower Upper

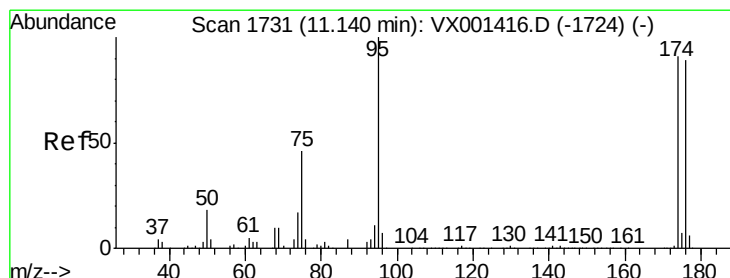
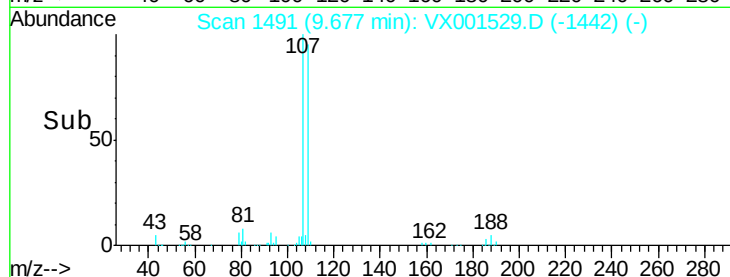
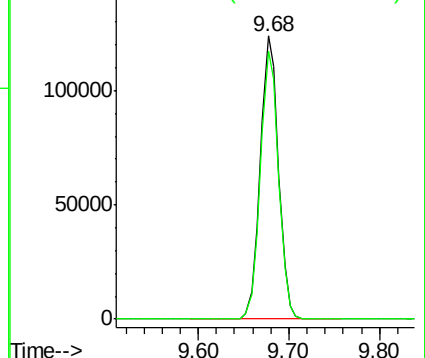
107 100

109 95.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

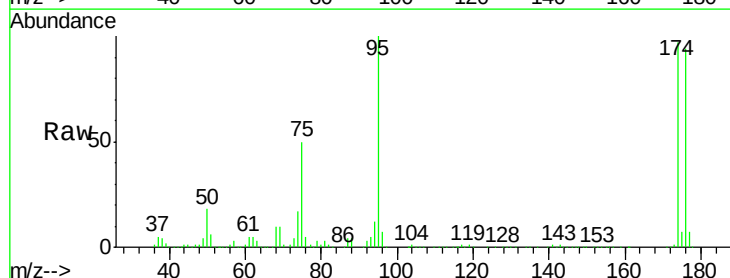
Tgt Ion: 95 Resp: 194127

Ion Ratio Lower Upper

95 100

174 102.5 0.0 202.0

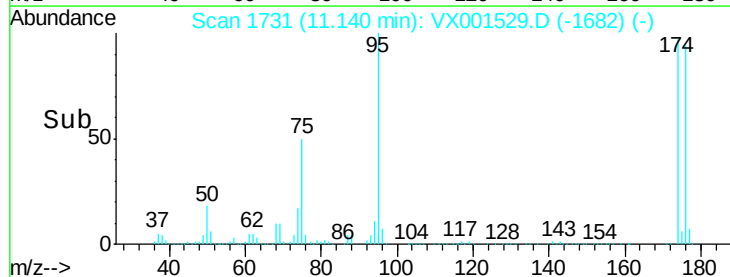
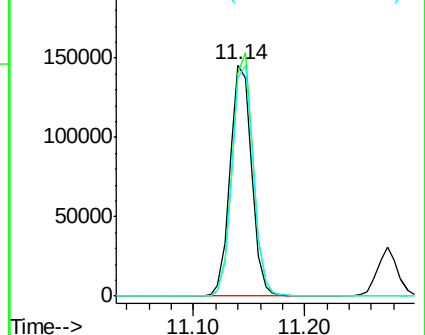
176 99.3 0.0 197.4

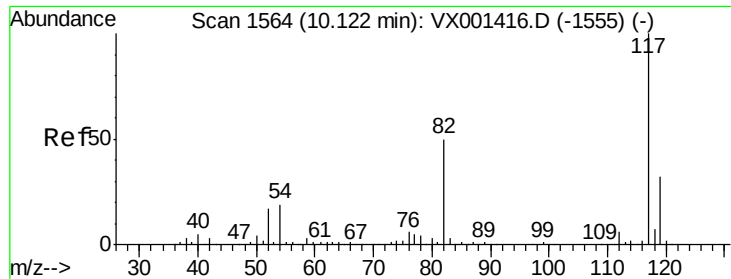


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

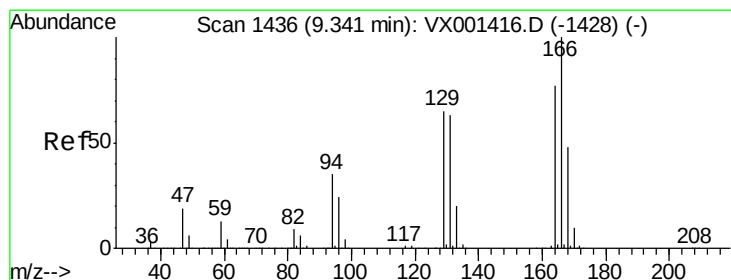
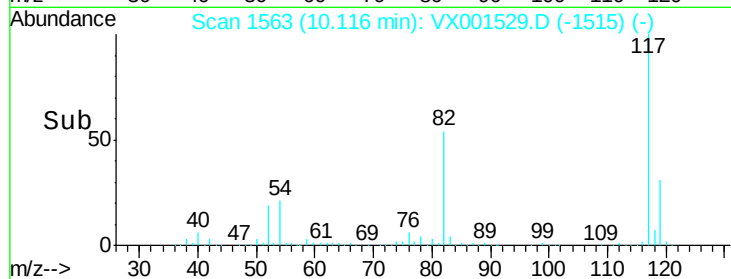
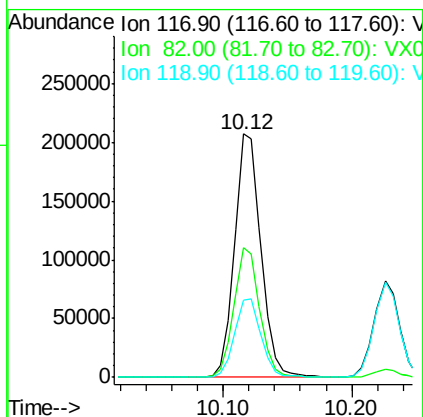
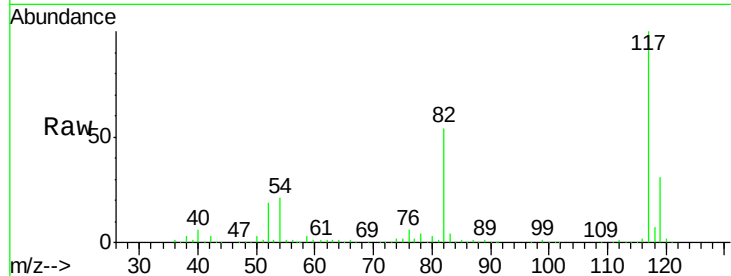




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

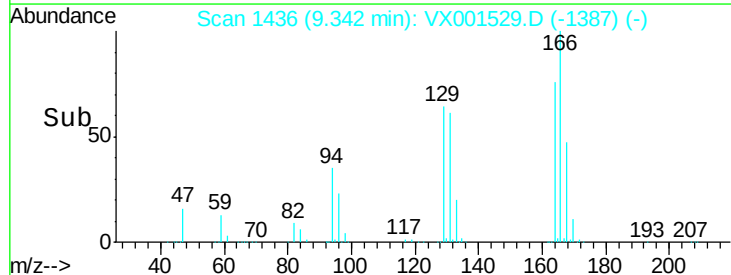
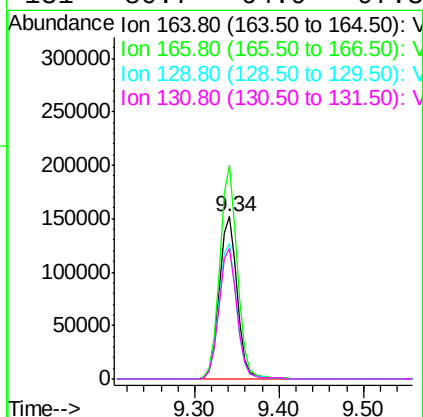
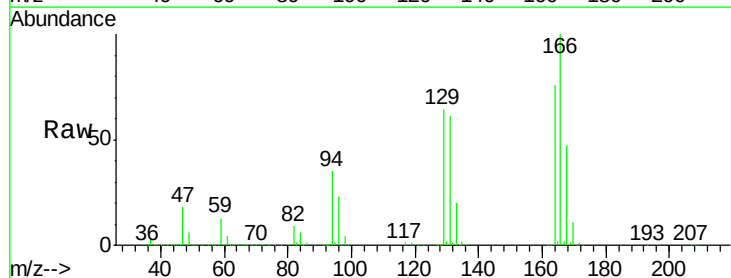
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

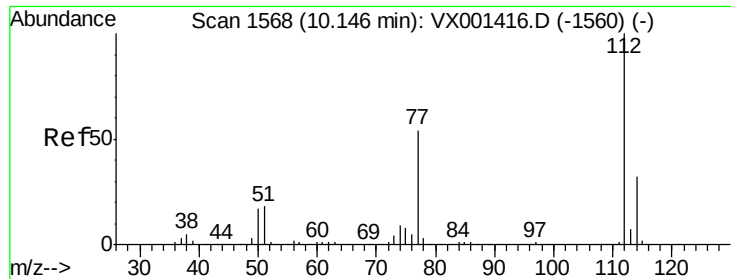
Tgt Ion:117 Resp: 295916
Ion Ratio Lower Upper
117 100
82 53.5 40.0 60.0
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 54.52 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Tgt Ion:164 Resp: 224864
Ion Ratio Lower Upper
164 100
166 131.8 103.5 155.3
129 83.9 66.7 100.1
131 80.7 64.9 97.3





#65

Chlorobenzene

Concen: 52.48 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

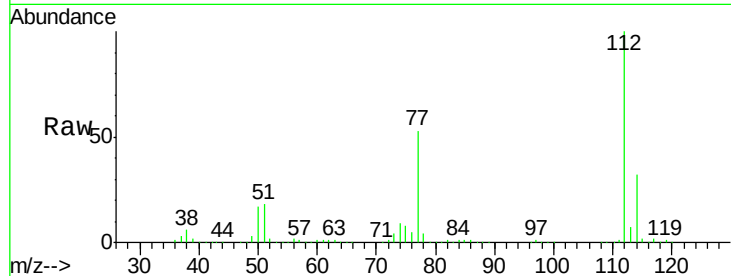
VSTDCCC050

Tgt Ion:112 Resp: 455430

Ion Ratio Lower Upper

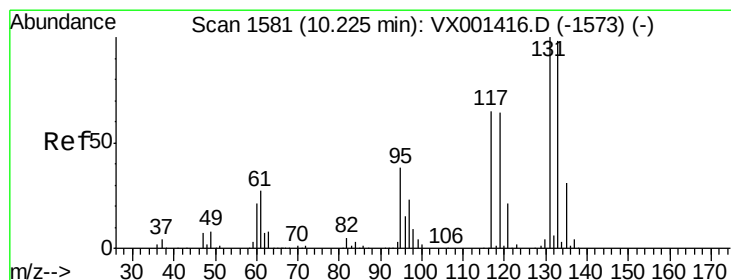
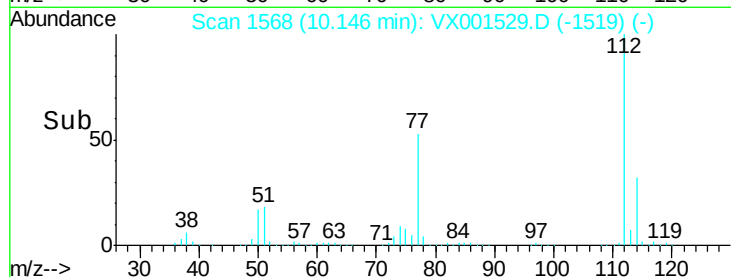
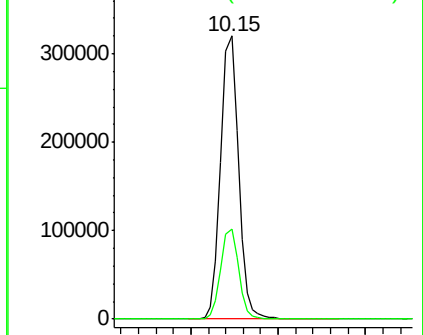
112 100

114 31.9 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

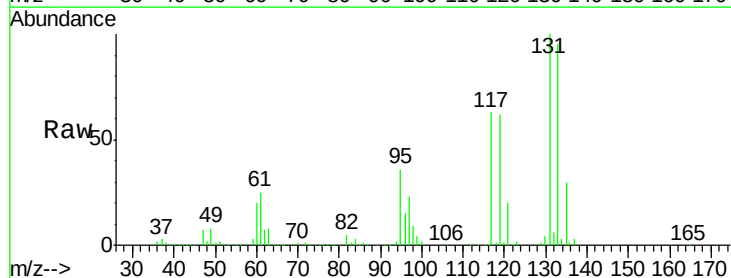
Tgt Ion:131 Resp: 173788

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.8

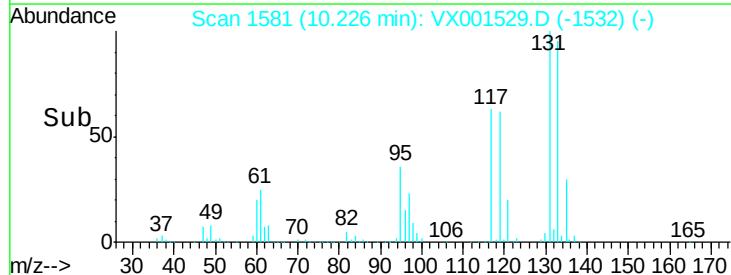
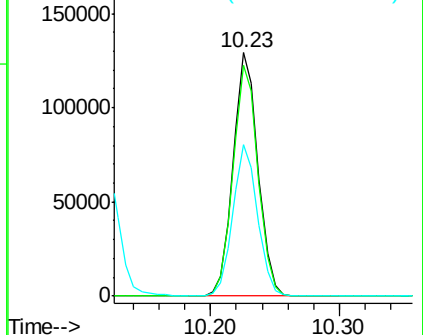
119 62.2 31.1 93.3

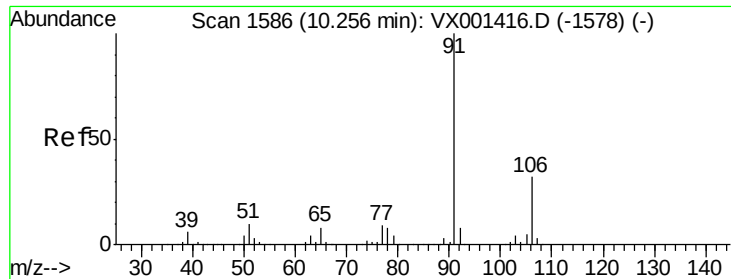


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.35 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

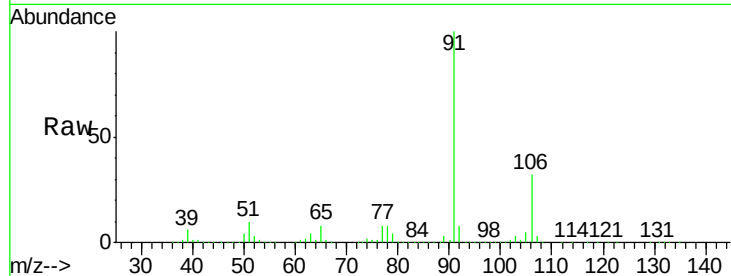
VSTDCCC050

Tgt Ion: 91 Resp: 758913

Ion Ratio Lower Upper

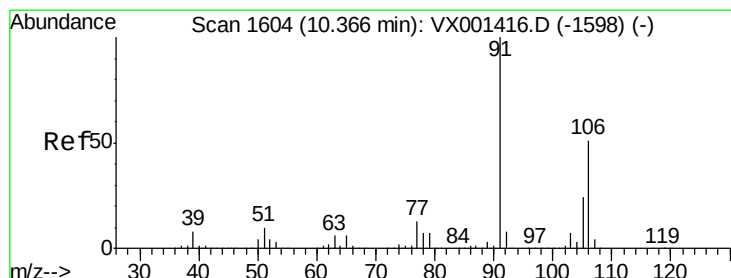
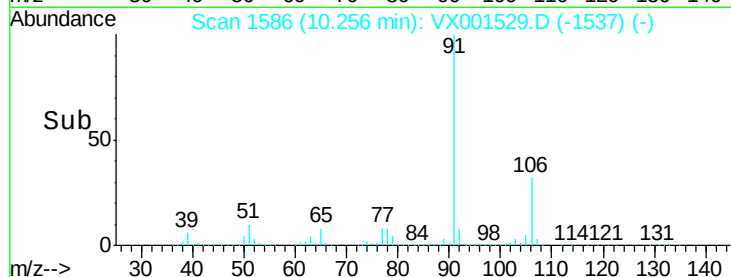
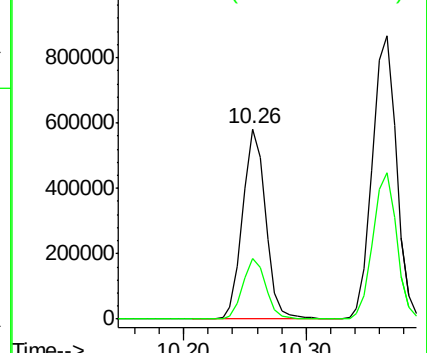
91 100

106 31.7 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.85 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001529.D

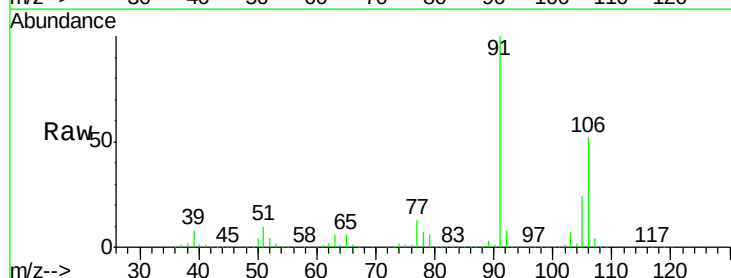
Acq: 08 May 2018 22:28

Tgt Ion: 106 Resp: 606173

Ion Ratio Lower Upper

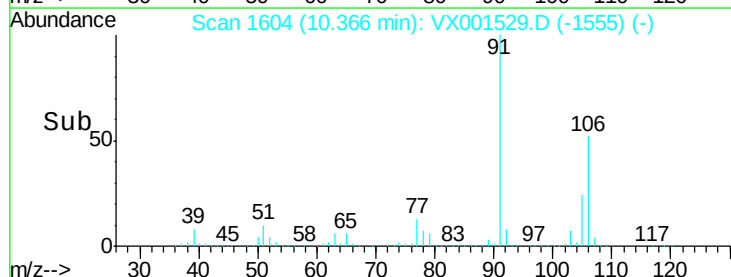
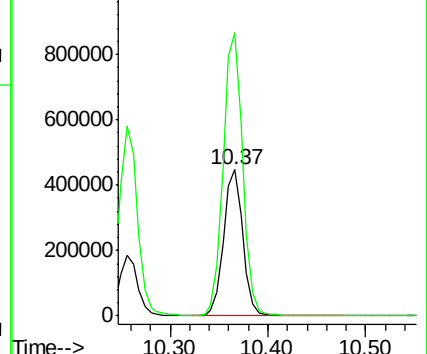
106 100

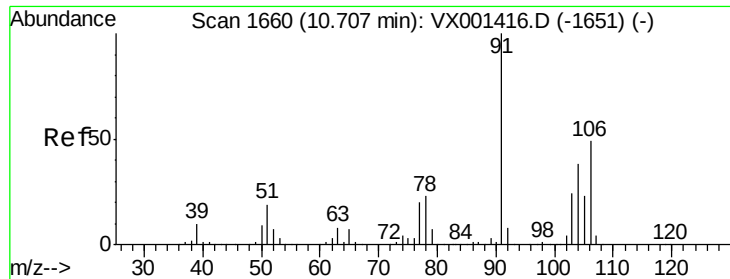
91 197.3 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

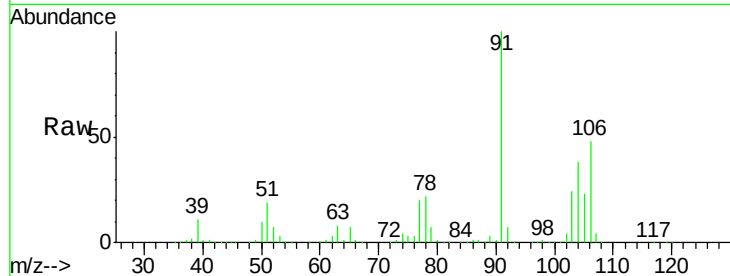




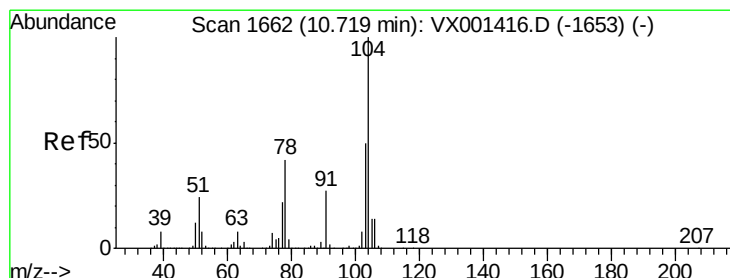
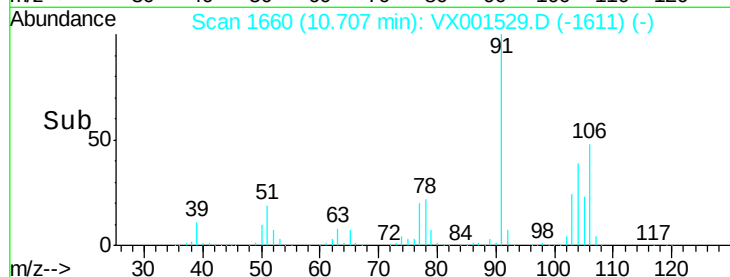
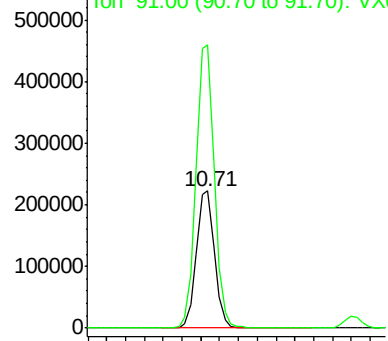
#69
o-Xylene
Concen: 54.34 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 296838
Ion Ratio Lower Upper
106 100
91 208.3 103.1 309.1

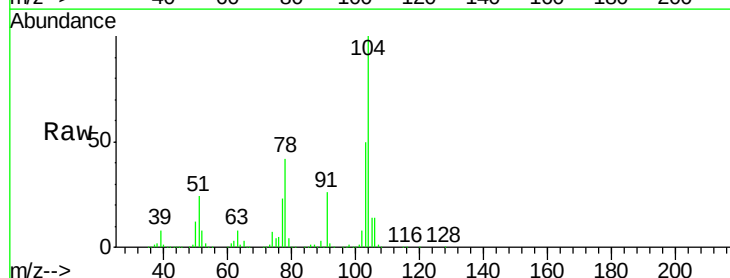


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

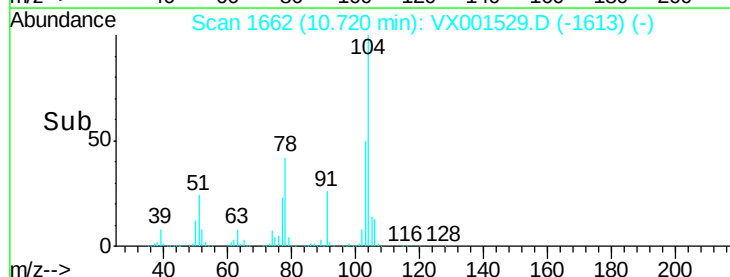
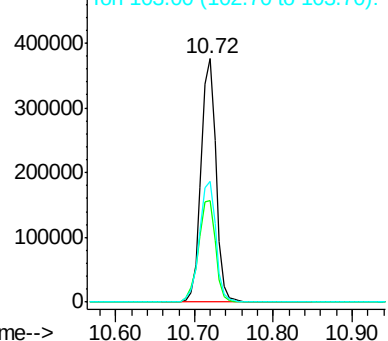


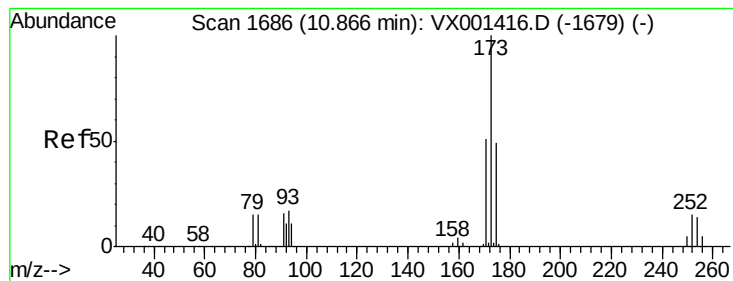
#70
Styrene
Concen: 55.79 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001529.D
Acq: 08 May 2018 22:28

Tgt Ion:104 Resp: 495059
Ion Ratio Lower Upper
104 100
78 47.7 38.6 58.0
103 54.6 44.0 66.0



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: 48.67 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

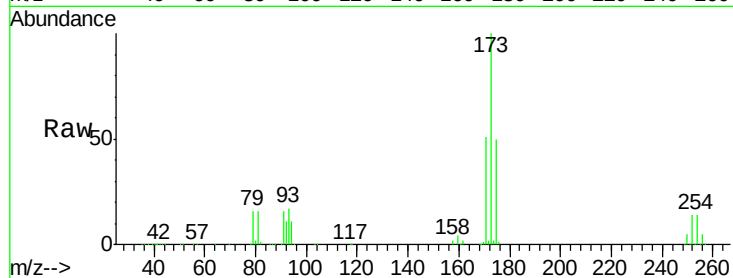
Tgt Ion:173 Resp: 145007

Ion Ratio Lower Upper

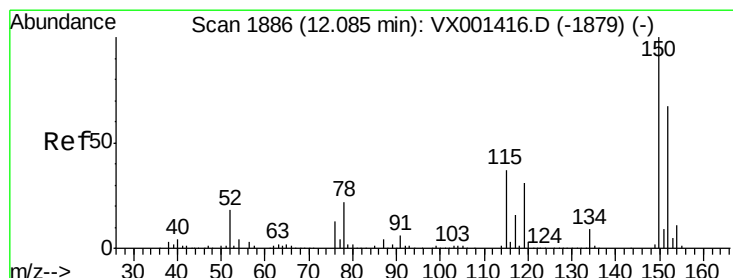
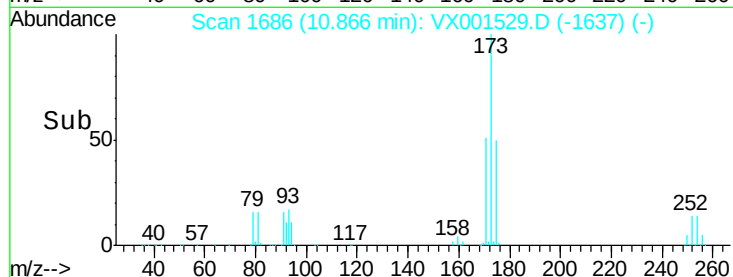
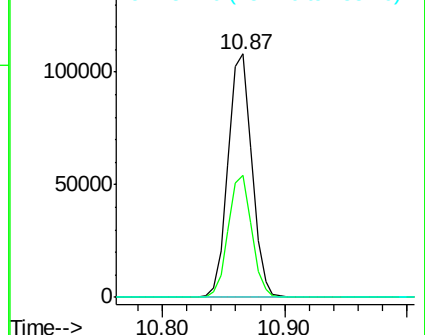
173 100

175 49.4 24.5 73.5

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

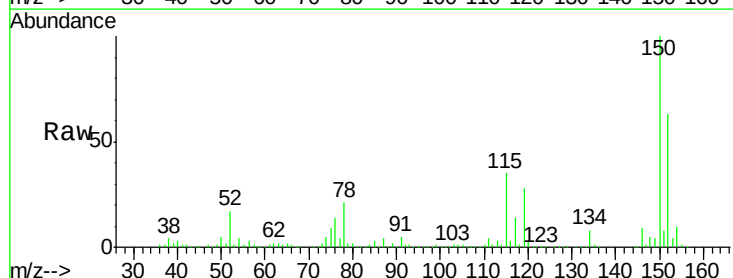
Tgt Ion:152 Resp: 216407

Ion Ratio Lower Upper

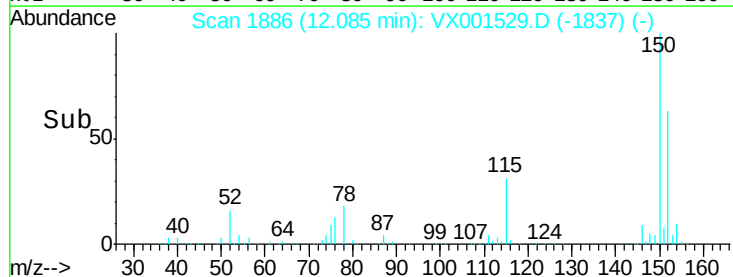
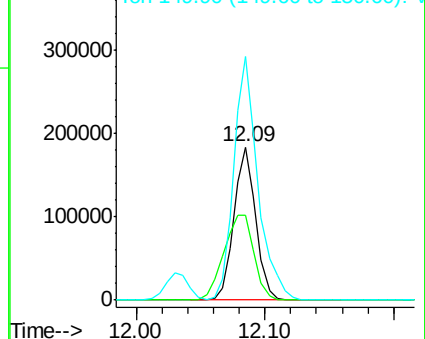
152 100

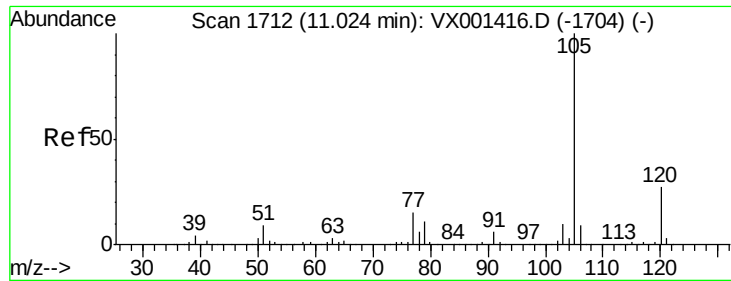
115 77.8 37.7 113.1

150 176.5 0.0 349.4



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





#73

Isopropylbenzene

Concen: 53.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

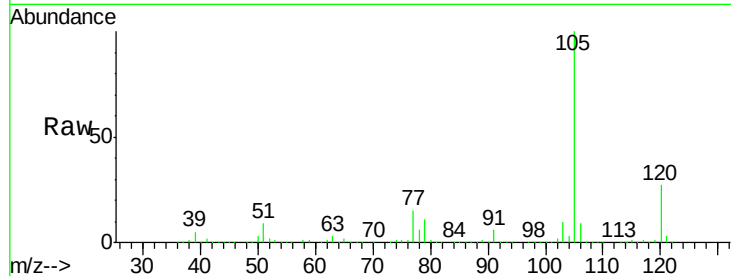
VSTDCCC050

Tgt Ion: 105 Resp: 794417

Ion Ratio Lower Upper

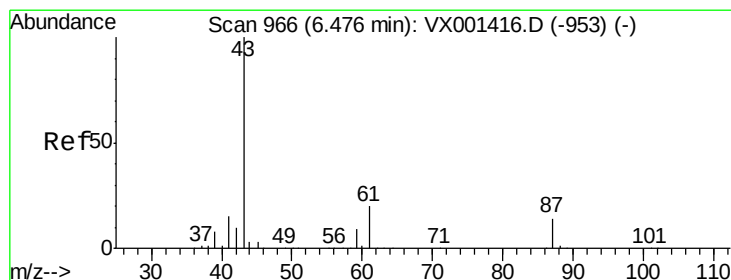
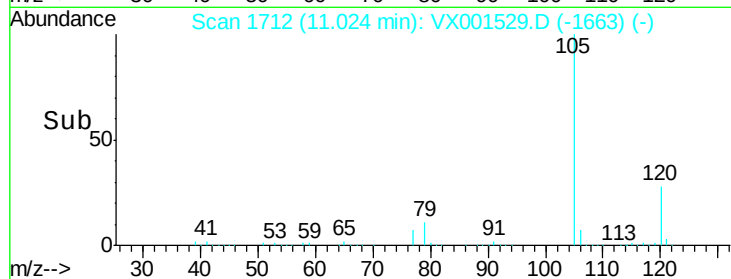
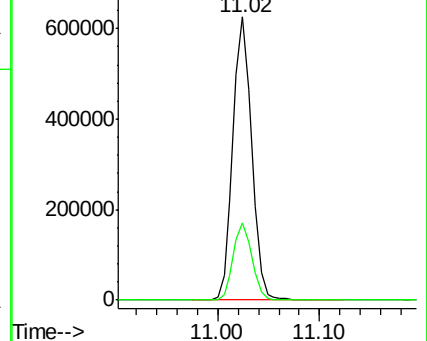
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.85 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Tgt Ion: 43 Resp: 359648

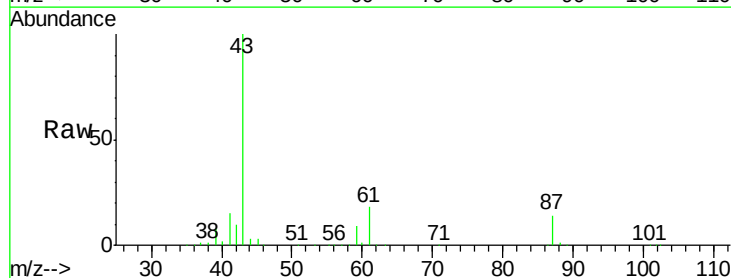
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.4 23.0

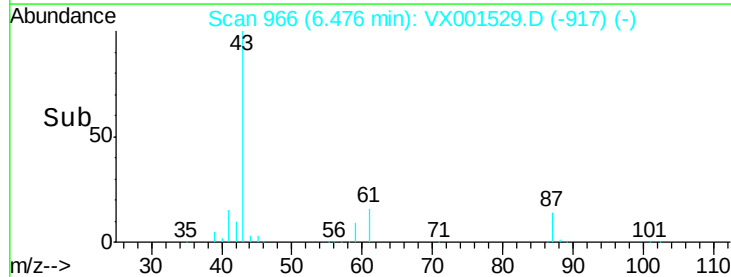
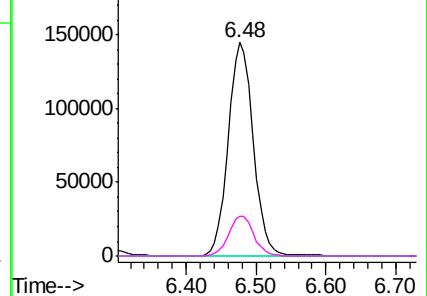


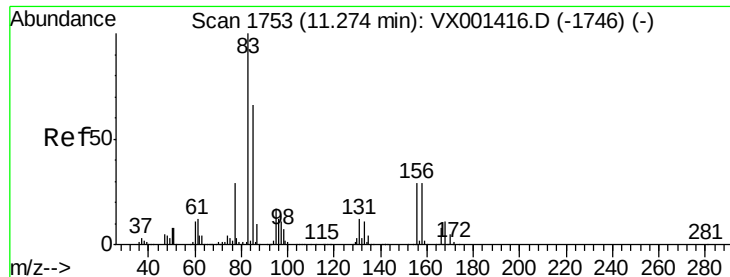
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.01 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

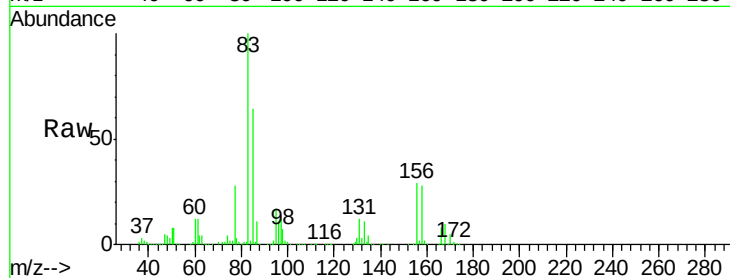
Tgt Ion: 83 Resp: 234558

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.4

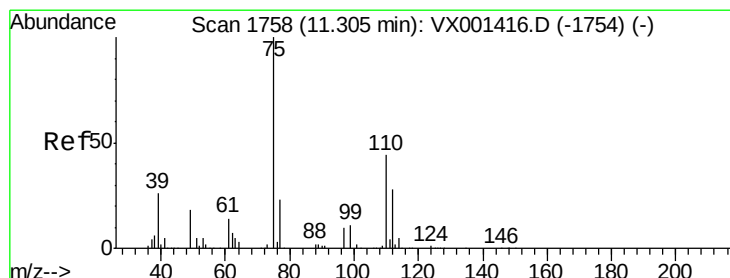
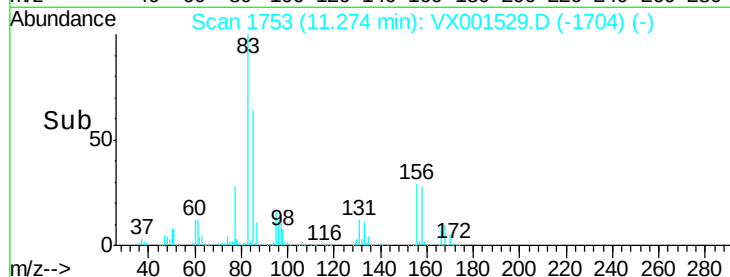
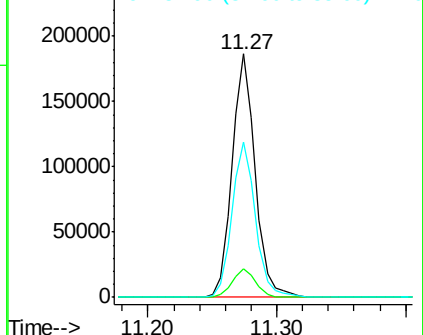
85 64.7 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.15 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001529.D

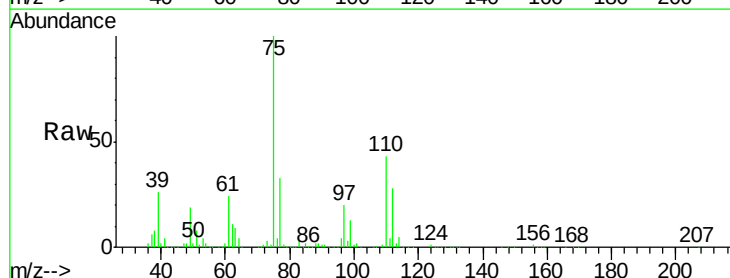
Acq: 08 May 2018 22:28

Tgt Ion: 75 Resp: 277146

Ion Ratio Lower Upper

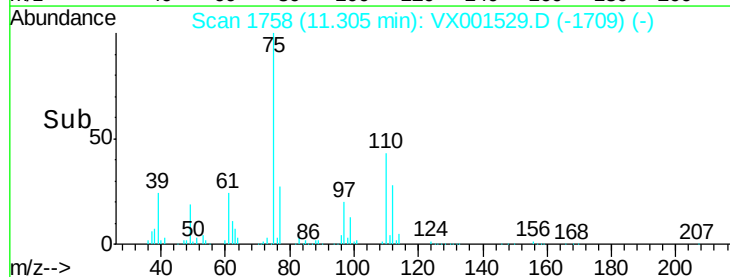
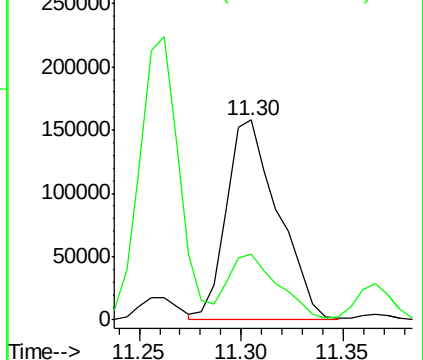
75 100

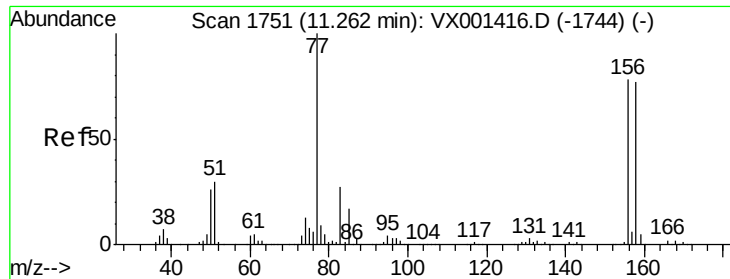
77 31.4 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.06 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

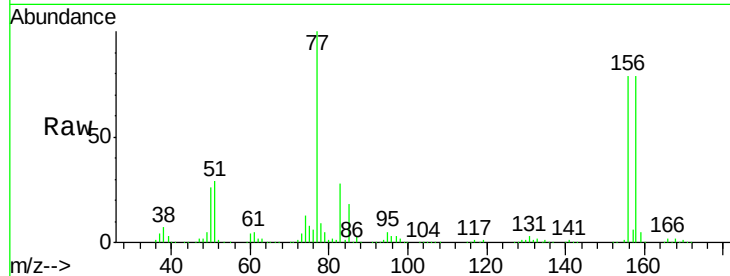
Tgt Ion:156 Resp: 226739

Ion Ratio Lower Upper

156 100

77 132.3 66.0 198.2

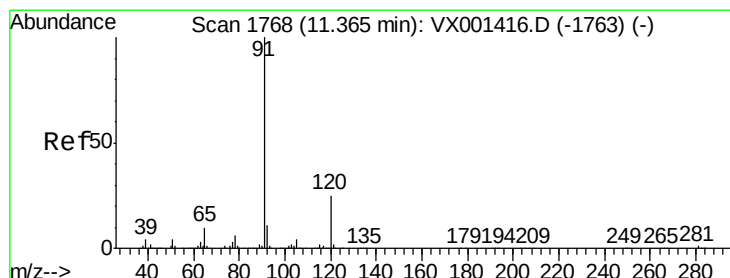
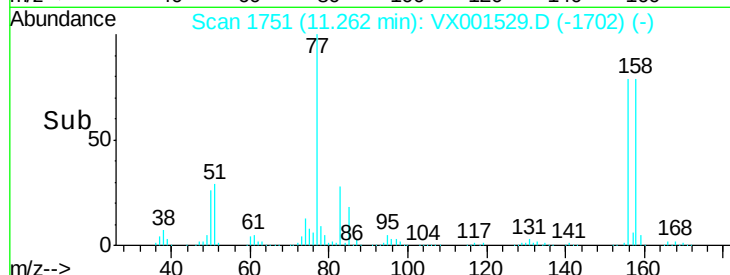
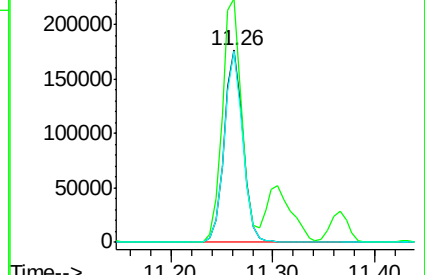
158 97.7 49.4 148.2



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: 54.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001529.D

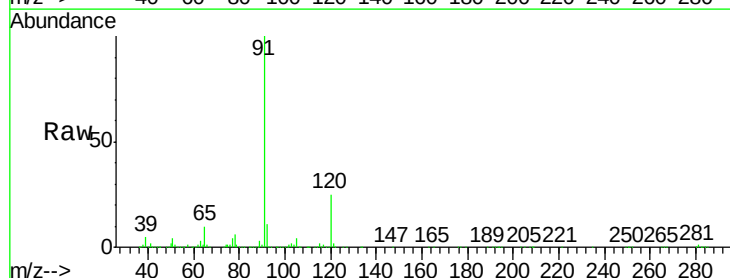
Acq: 08 May 2018 22:28

Tgt Ion: 91 Resp: 883483

Ion Ratio Lower Upper

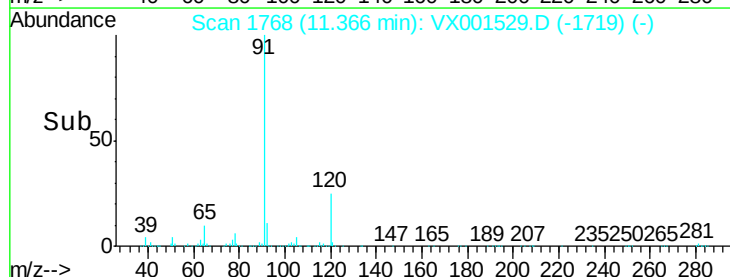
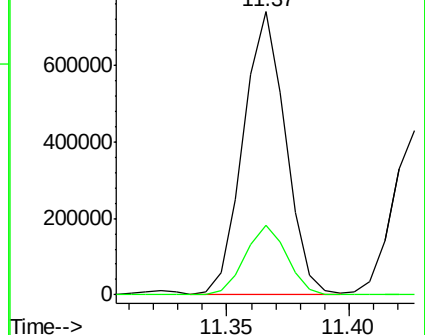
91 100

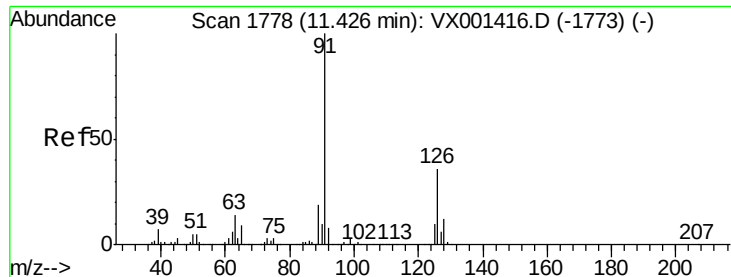
120 24.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.62 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

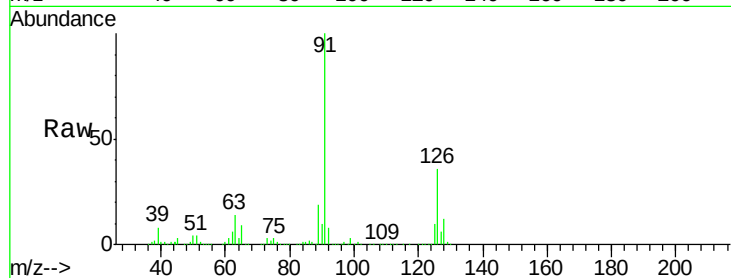
VSTDCCC050

Tgt Ion: 91 Resp: 528260

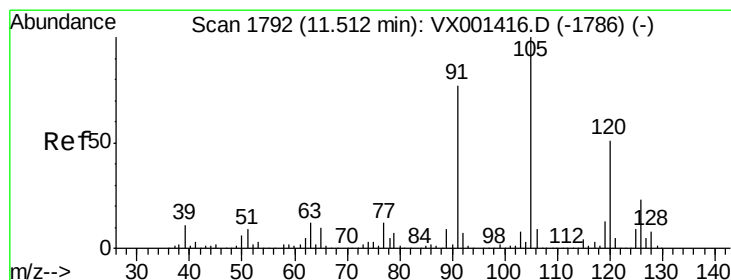
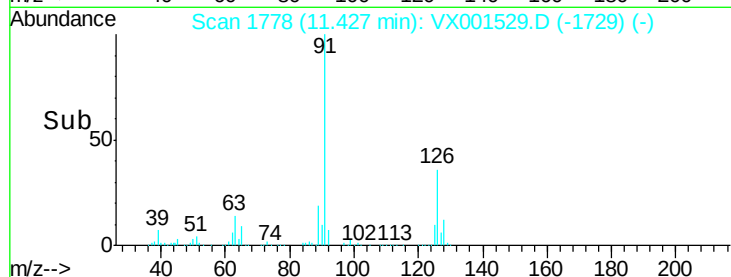
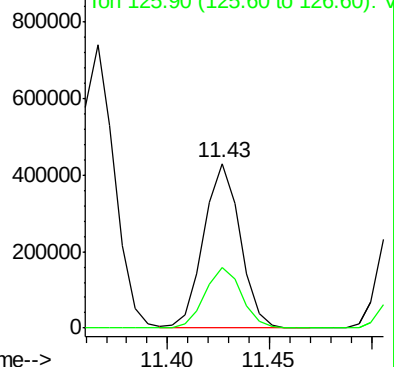
Ion Ratio Lower Upper

91 100

126 37.2 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX001416.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001529.D

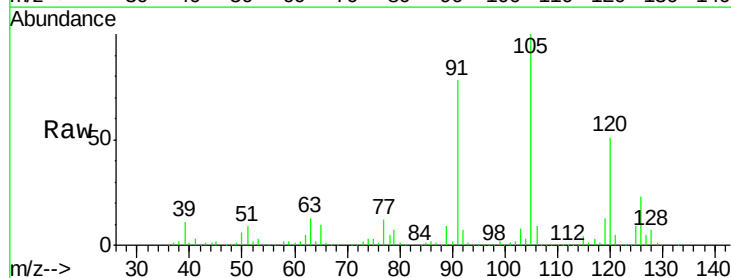
Acq: 08 May 2018 22:28

Tgt Ion: 105 Resp: 673748

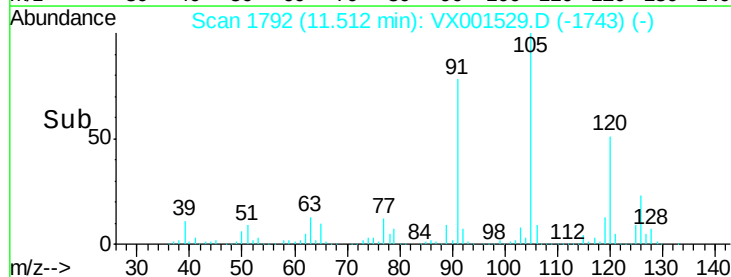
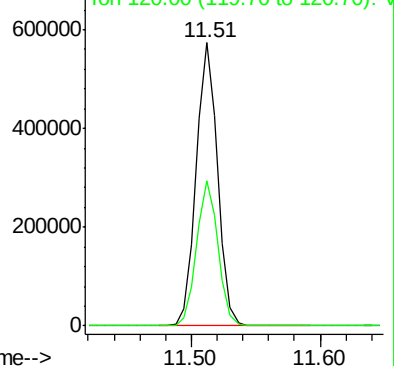
Ion Ratio Lower Upper

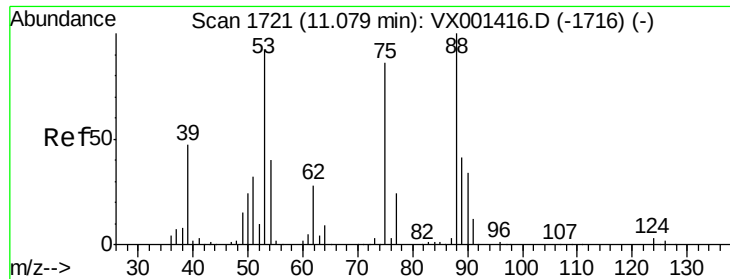
105 100

120 51.1 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): VX001416.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.12 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

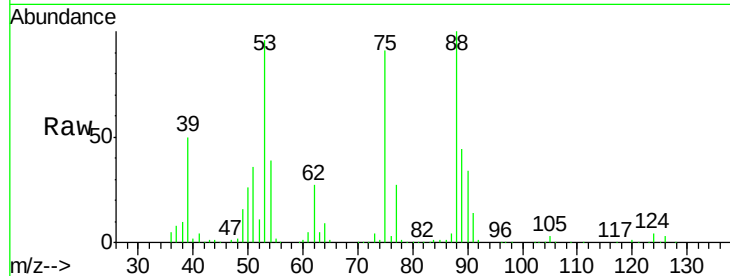
Tgt Ion: 75 Resp: 59971

Ion Ratio Lower Upper

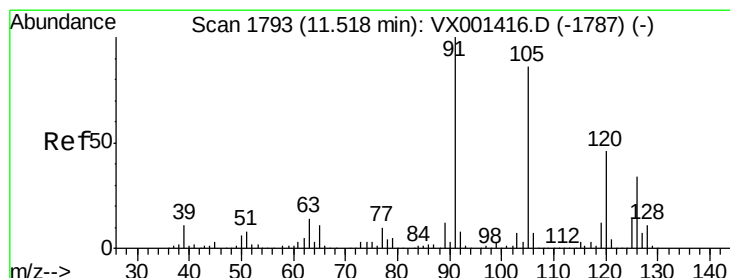
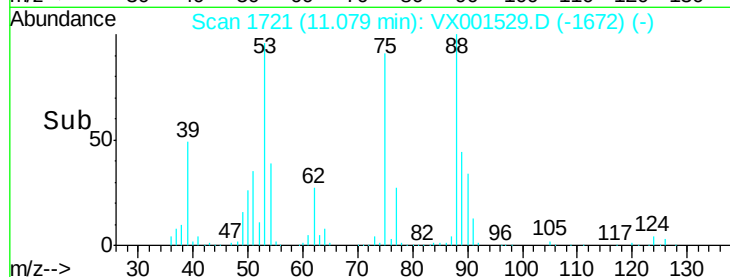
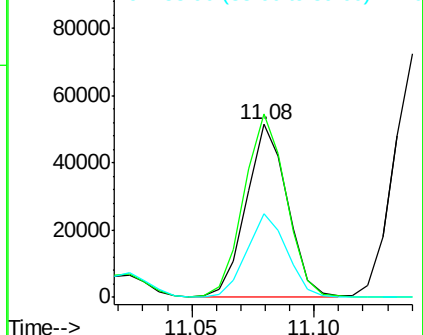
75 100

53 109.4 84.5 126.7

89 47.9 39.5 59.3



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: 53.57 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001529.D

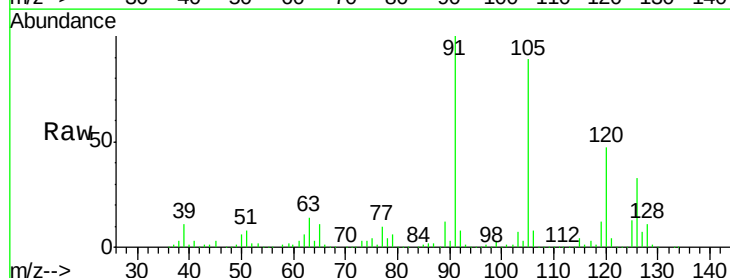
Acq: 08 May 2018 22:28

Tgt Ion: 91 Resp: 620377

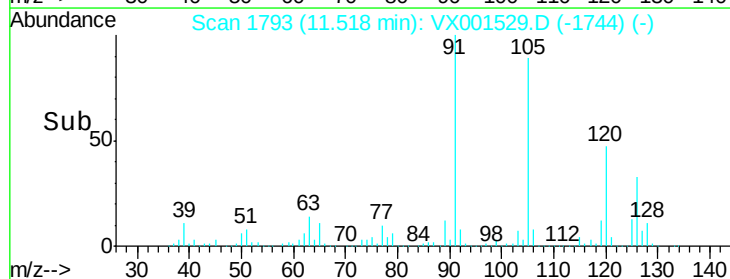
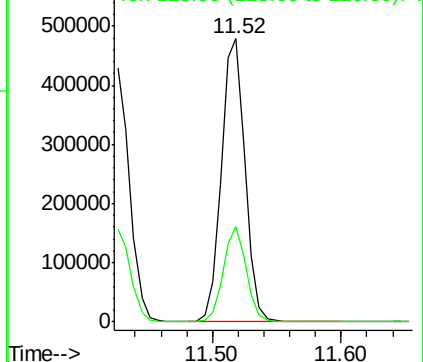
Ion Ratio Lower Upper

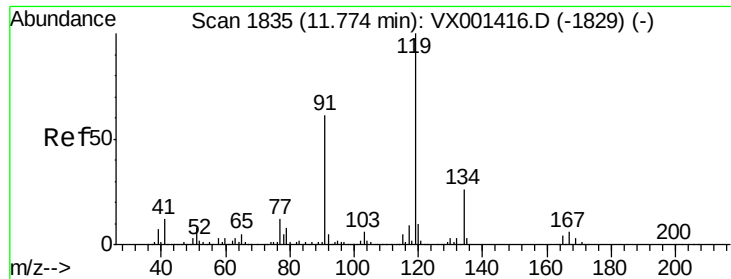
91 100

126 32.2 16.2 48.5



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

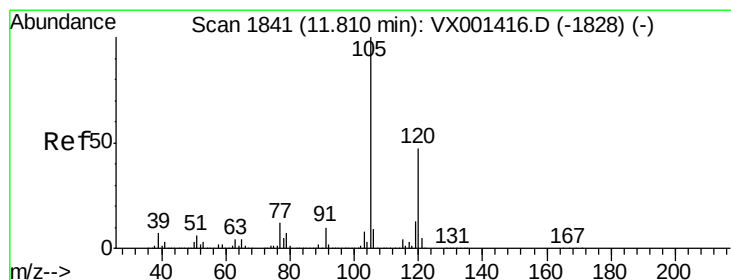
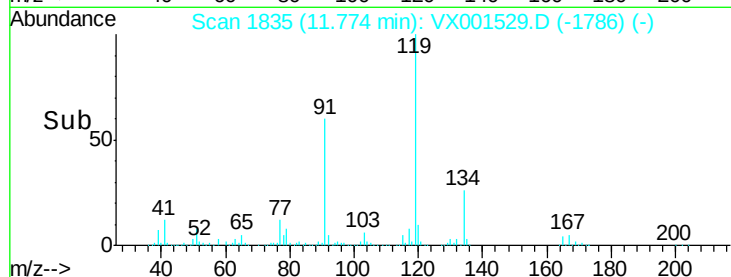
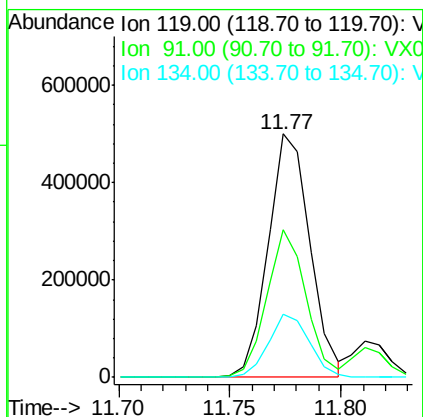
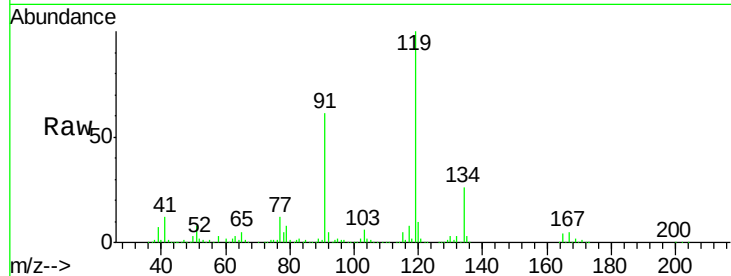




#83
 tert-Butylbenzene
 Concen: 52.40 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

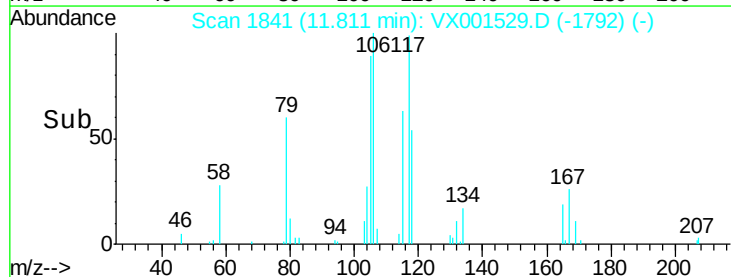
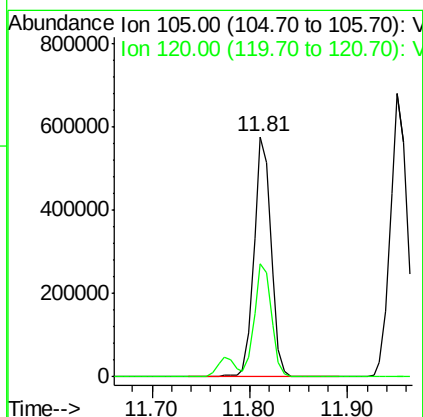
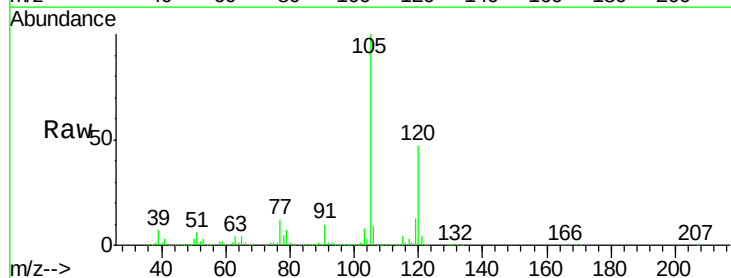
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

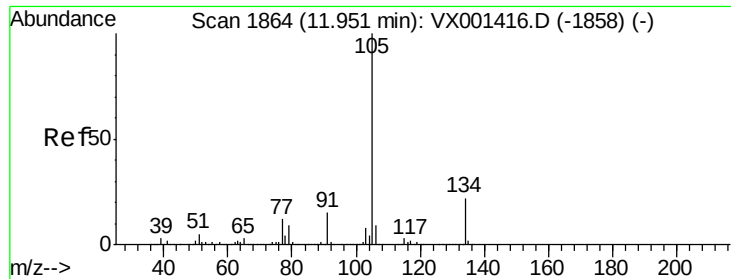
Tgt Ion:119 Resp: 650365
 Ion Ratio Lower Upper
 119 100
 91 57.2 27.8 83.3
 134 25.3 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.91 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion:105 Resp: 691091
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.2

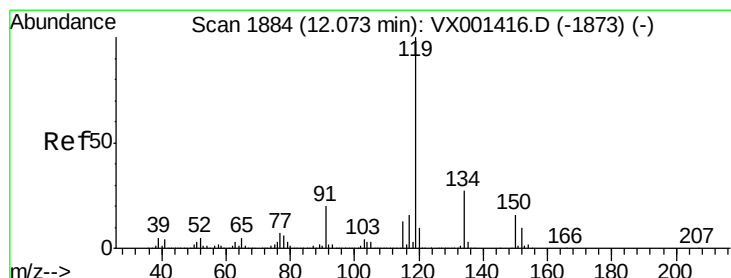
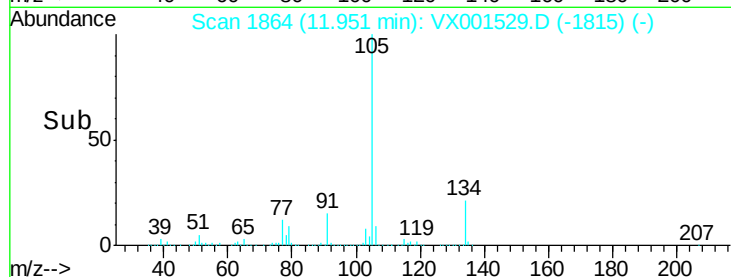
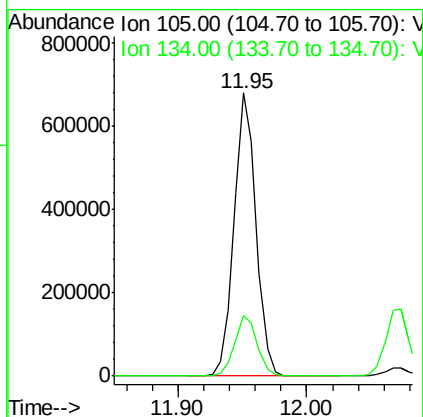
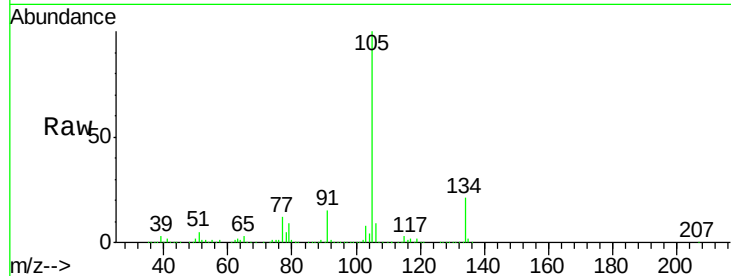




#85
 sec-Butylbenzene
 Concen: 54.18 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

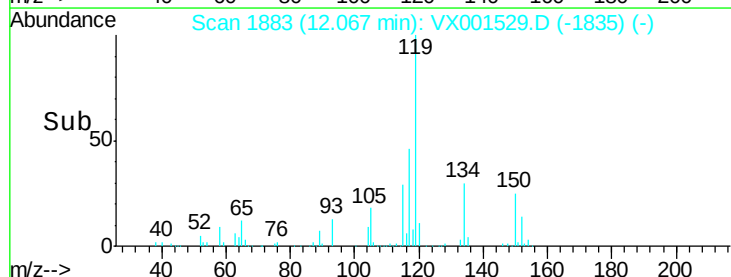
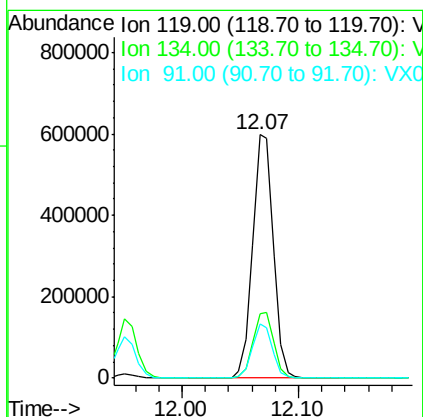
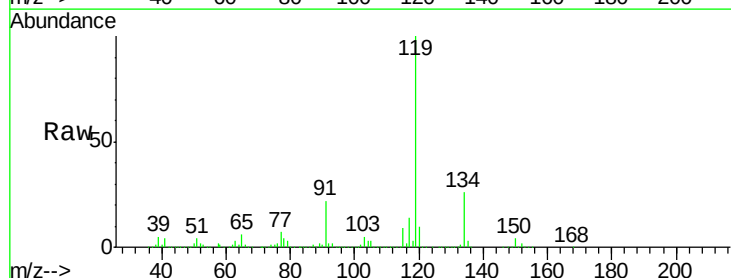
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

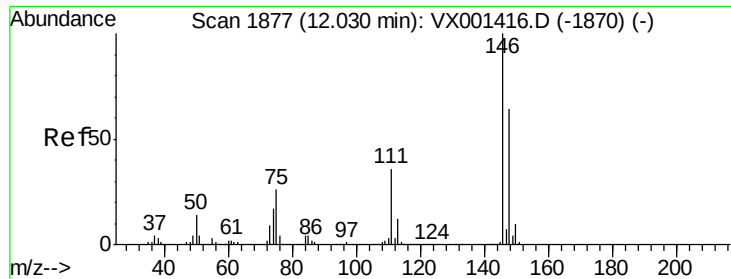
Tgt Ion:105 Resp: 807041
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.34 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion:119 Resp: 742590
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.6 10.8 32.3

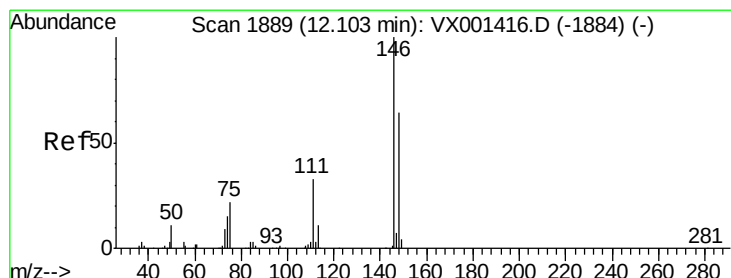
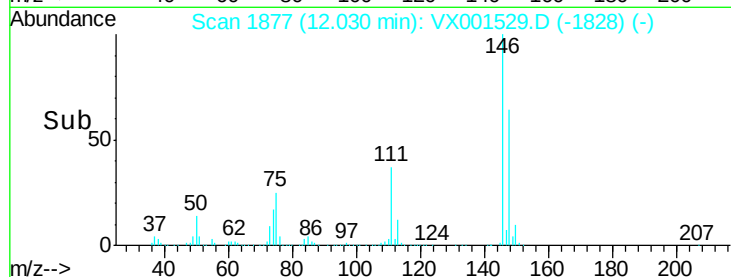
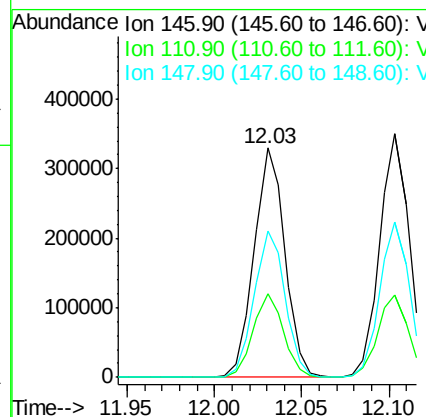
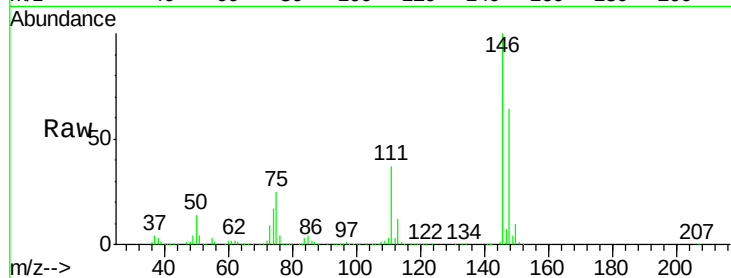




#87
 1,3-Dichlorobenzene
 Concen: 51.80 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

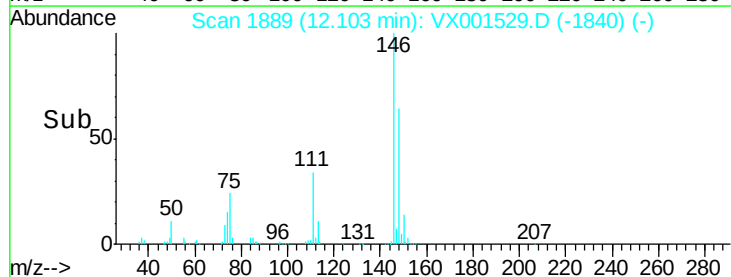
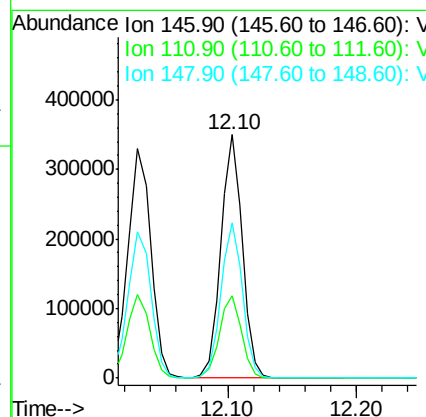
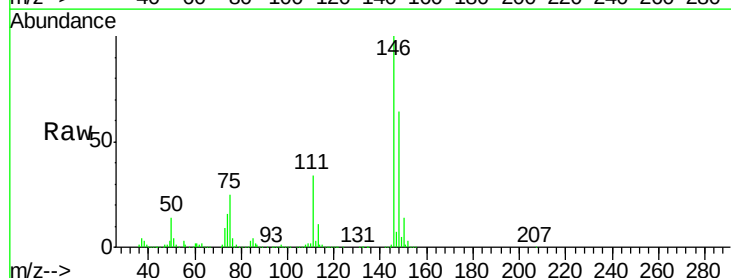
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

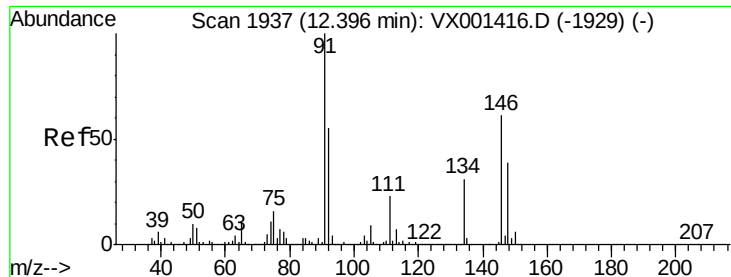
Tgt Ion:146 Resp: 403332
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.1
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.89 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion:146 Resp: 412077
 Ion Ratio Lower Upper
 146 100
 111 35.1 17.4 52.3
 148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 52.33 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

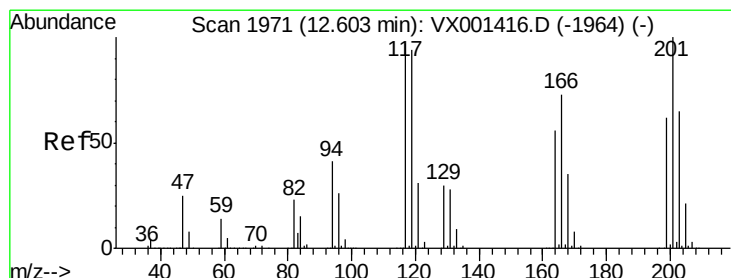
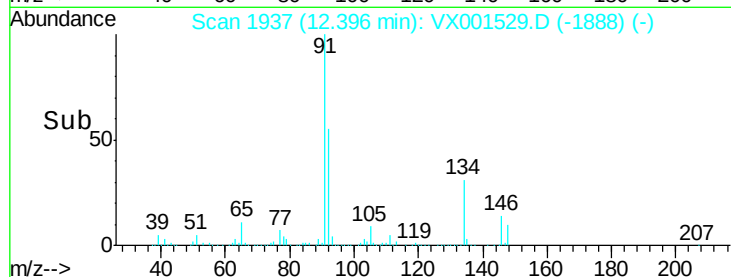
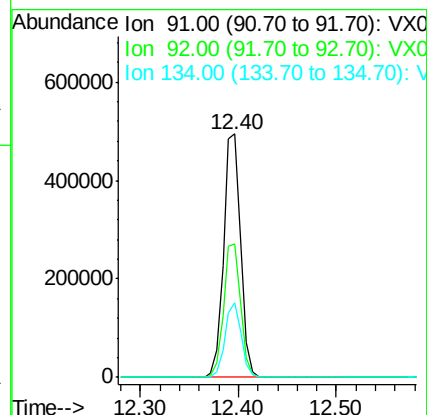
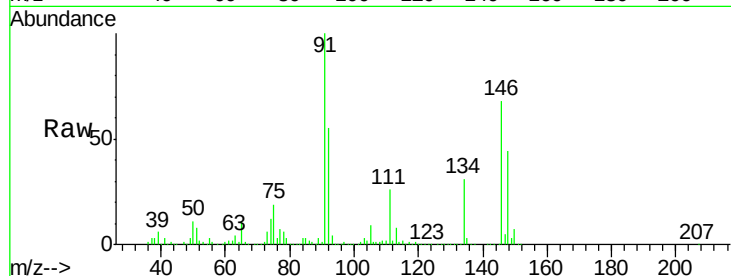
Tgt Ion: 91 Resp: 592570

Ion Ratio Lower Upper

91 100

92 55.0 27.2 81.5

134 29.3 14.6 44.0



#90

Hexachloroethane

Concen: 56.18 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001529.D

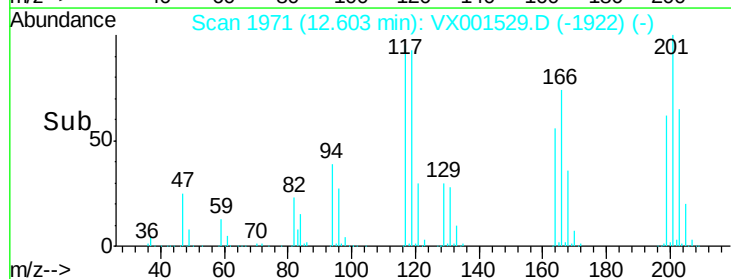
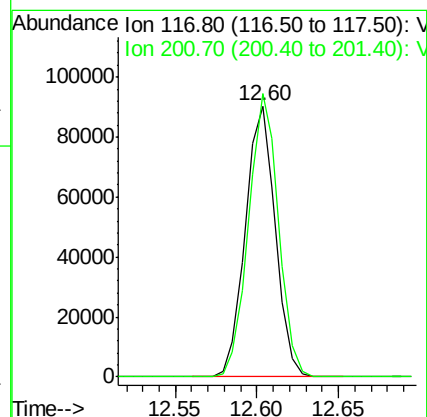
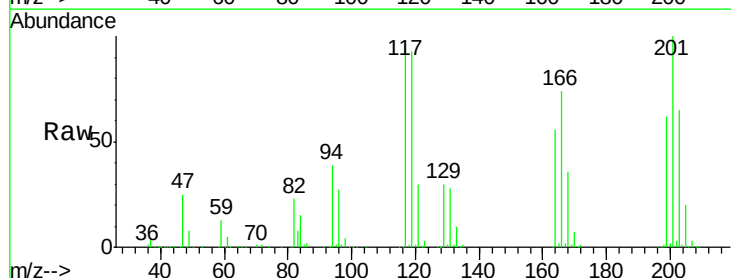
Acq: 08 May 2018 22:28

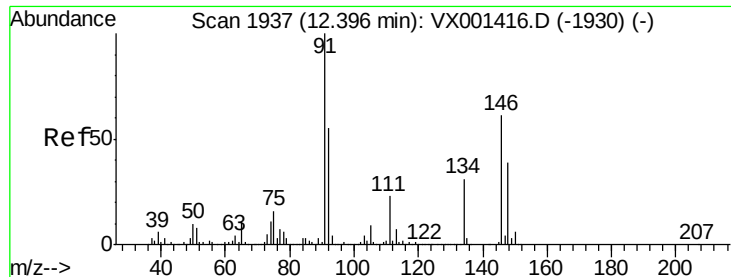
Tgt Ion: 117 Resp: 115607

Ion Ratio Lower Upper

117 100

201 104.2 51.5 154.5





#91

1,2-Dichlorobenzene

Concen: 52.41 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

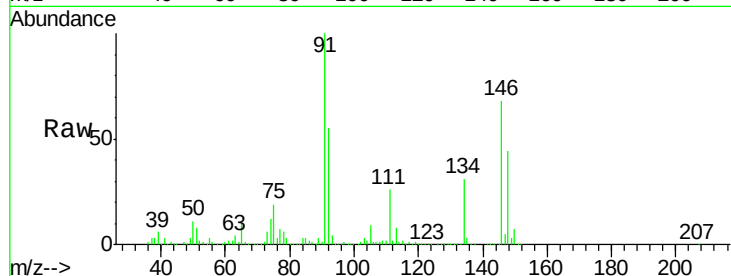
Tgt Ion:146 Resp: 415157

Ion Ratio Lower Upper

146 100

111 37.5 18.6 55.8

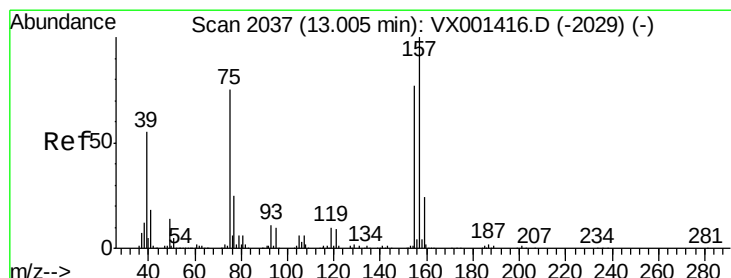
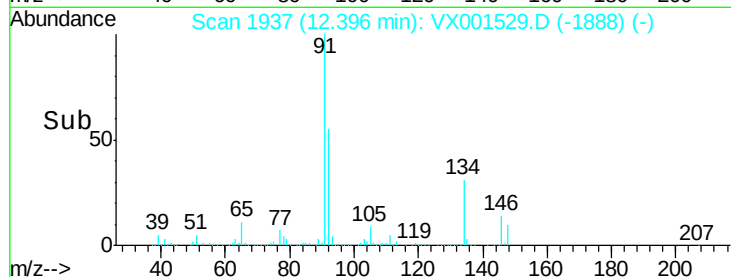
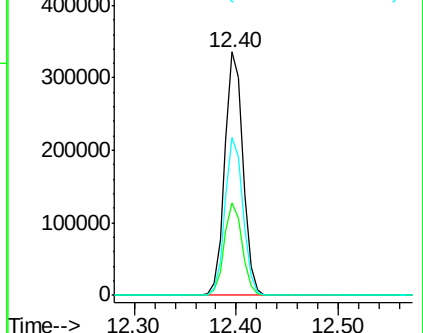
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.31 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

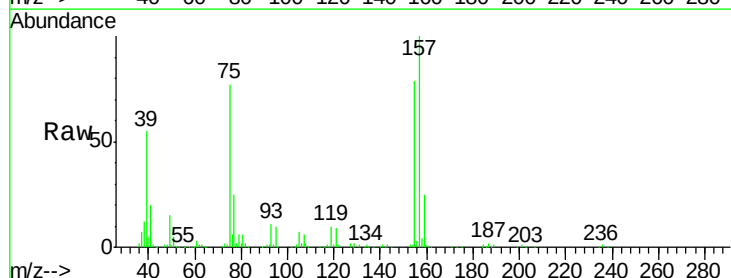
Tgt Ion: 75 Resp: 55709

Ion Ratio Lower Upper

75 100

155 106.3 53.4 160.2

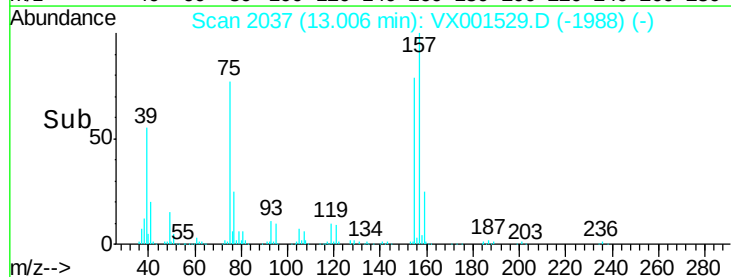
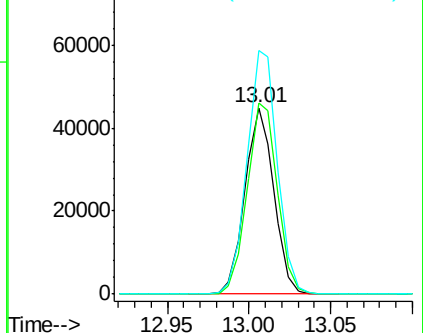
157 136.6 68.3 204.8

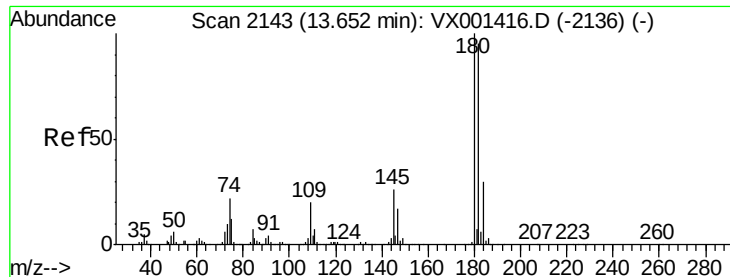


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

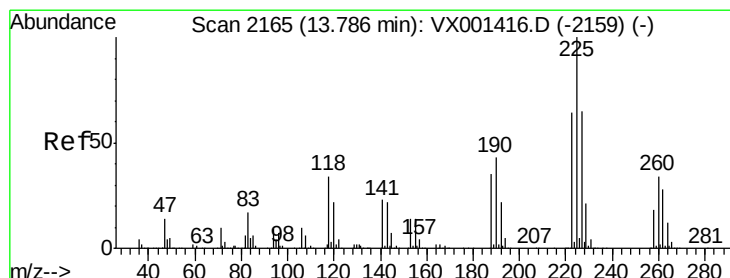
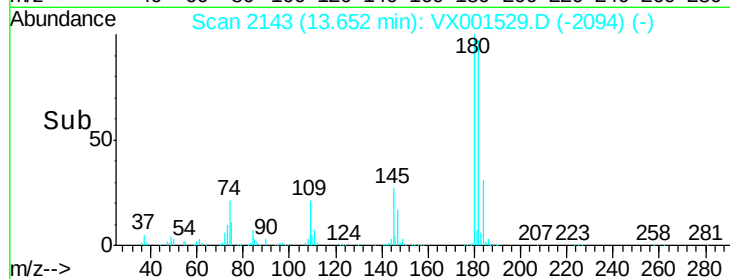
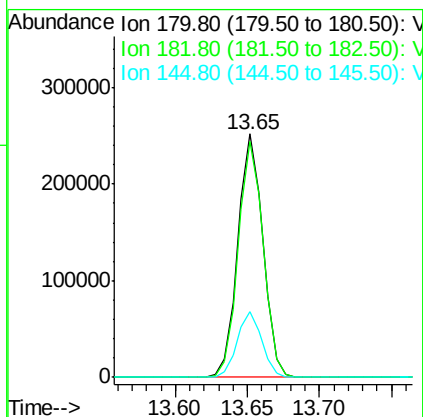
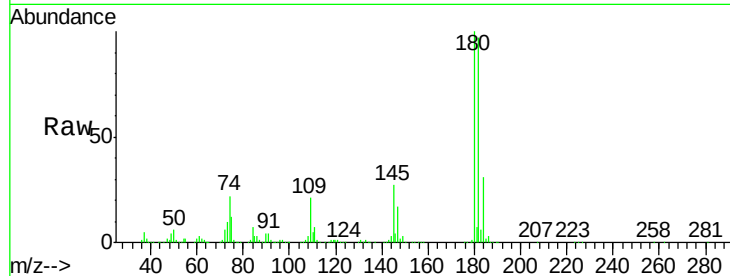




#93
 1,2,4-Trichlorobenzene
 Concen: 52.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

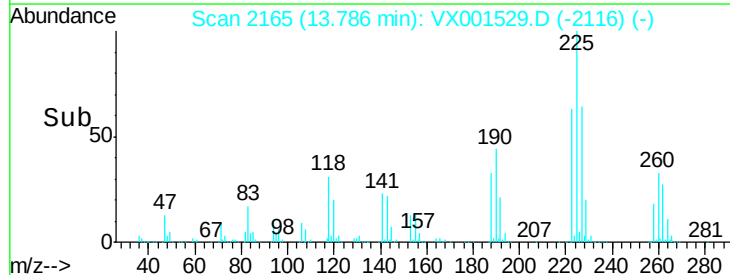
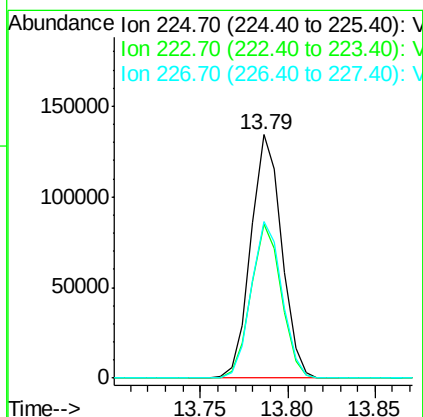
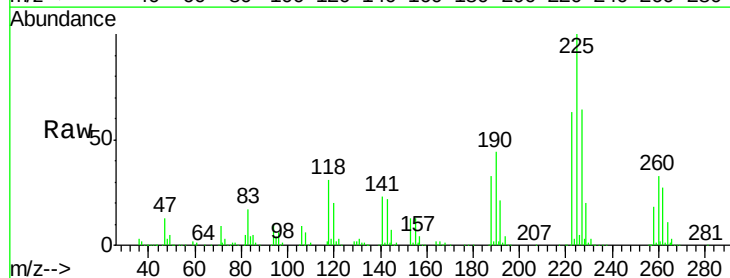
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

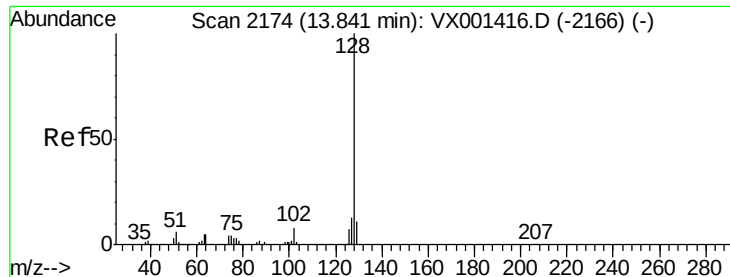
Tgt Ion:180 Resp: 305264
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.8 143.4
 145 26.7 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 51.74 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001529.D
 Acq: 08 May 2018 22:28

Tgt Ion:225 Resp: 164091
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.9
 227 64.1 32.4 97.2





#95

Naphthalene

Concen: 56.33 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

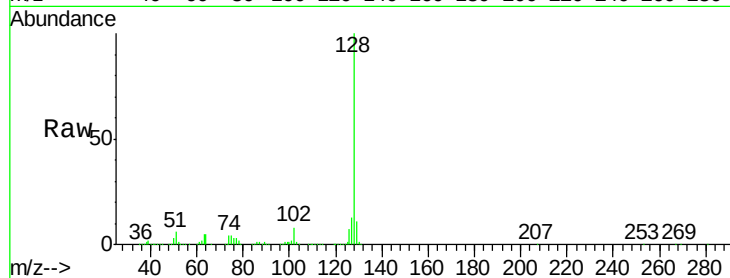
Tgt Ion:128 Resp: 903059

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

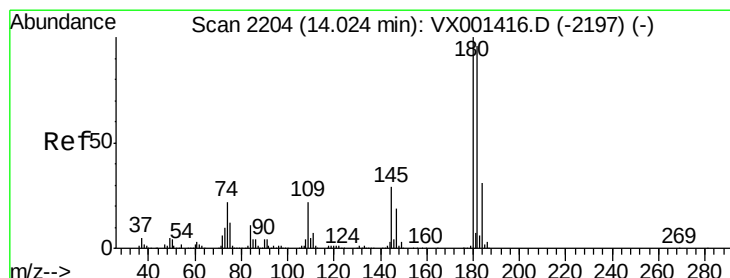
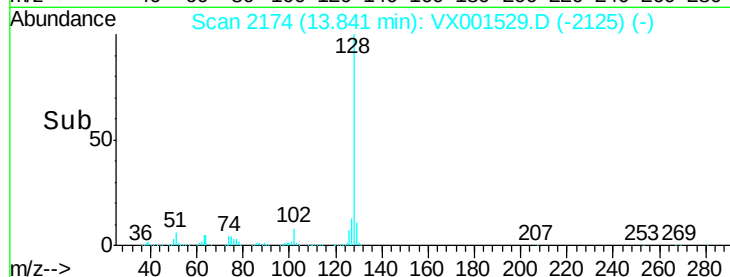
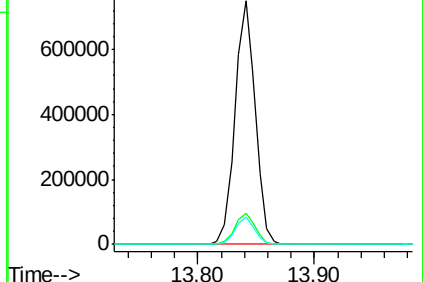
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.74 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001529.D

Acq: 08 May 2018 22:28

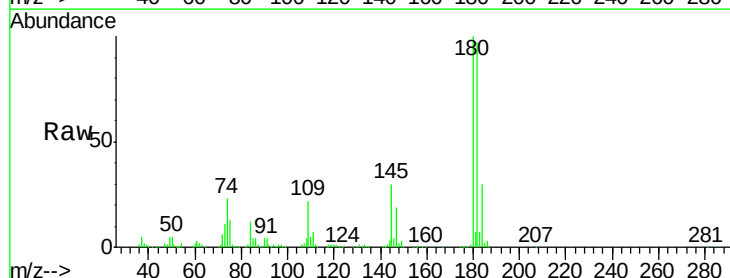
Tgt Ion:180 Resp: 319622

Ion Ratio Lower Upper

180 100

182 96.9 48.0 144.2

145 28.6 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

