

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001666.D
 Acq On : 12 May 2018 14:56
 Operator : JC/MD
 Sample : VX0512WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

Manual Integrations
 APPROVED

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 5/15/2018 6:31:47 PM

Quant Time: May 14 06:53:29 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	235450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	301741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152816	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.51	113	126987	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	8.72	98	438353	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	11.14	95	163140	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58160	18.35	ug/l	100
3) Chloromethane	1.32	50	56060	18.16	ug/l	100
4) Vinyl Chloride	1.40	62	61845	19.20	ug/l	97
5) Bromomethane	1.64	94	36209	22.67	ug/l	97
6) Chloroethane	1.72	64	42321	19.87	ug/l	100
7) Trichlorofluoromethane	1.93	101	94203	19.43	ug/l	99
8) Diethyl Ether	2.19	74	37343	19.65	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57572	20.25	ug/l	99
10) Methyl Iodide	2.51	142	55685	13.58	ug/l	99
11) Tert butyl alcohol	3.08	59	74287	104.11	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51065	19.60	ug/l	98
13) Acrolein	2.29	56	9800	60.84	ug/l	99
14) Allyl chloride	2.73	41	98895	20.36	ug/l	97
15) Acrylonitrile	3.15	53	165507	102.65	ug/l	99
16) Acetone	2.45	43	174447	113.52	ug/l	100
17) Carbon Disulfide	2.57	76	112173	16.92	ug/l	100
18) Methyl Acetate	2.78	43	92228	22.84	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	185204	20.42	ug/l	96
20) Methylene Chloride	2.86	84	59823	19.66	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	54368	18.70	ug/l	94
22) Diisopropyl ether	3.88	45	187895	20.70	ug/l	96
23) Vinyl Acetate	3.83	43	758358	100.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100333	19.79	ug/l	99
25) 2-Butanone	4.71	43	233752	105.23	ug/l	99
26) 2,2-Dichloropropane	4.59	77	83785	21.40	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62800	20.28	ug/l	99
28) Bromochloromethane	5.03	49	49302	22.43	ug/l	97
29) Tetrahydrofuran	5.17	42	138905	97.74	ug/l	99
30) Chloroform	5.22	83	111332	21.32	ug/l	99
31) Cyclohexane	5.58	56	82664	18.98	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	95758	20.98	ug/l	99
36) 1,1-Dichloropropene	5.81	75	73329	19.10	ug/l	99
37) Ethyl Acetate	4.87	43	84093	19.99	ug/l	99
38) Carbon Tetrachloride	5.79	117	84649	20.68	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85693	18.88	ug/l	98
40) Benzene	6.15	78	230730	20.58	ug/l	100
41) Methacrylonitrile	5.07	41	49025	20.37	ug/l	99
42) 1,2-Dichloroethane	6.20	62	90823	21.08	ug/l	99
43) Isopropyl Acetate	6.47	43	130985	20.28	ug/l	100
44) Trichloroethene	7.22	130	69863	20.39	ug/l	98
45) 1,2-Dichloropropane	7.53	63	58845	21.05	ug/l	100
46) Dibromomethane	7.67	93	40539	20.49	ug/l	98
47) Bromodichloromethane	7.90	83	77444	21.15	ug/l	99
48) Methyl methacrylate	7.79	41	69346	19.72	ug/l	99
49) 1,4-Dioxane	7.76	88	30256	398.19	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	450529	104.97	ug/l	99
52) Toluene	8.79	92	151155	20.62	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87534	21.15	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	78484	19.78	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63454	21.49	ug/l	98
56) Ethyl methacrylate	9.19	69	86571	20.34	ug/l	100
57) 1,3-Dichloropropane	9.38	76	101597	20.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	224108	107.33	ug/l	99
59) 2-Hexanone	9.51	43	336778	102.47	ug/l	99
60) Dibromochloromethane	9.59	129	62110	20.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63243	20.40	ug/l	99
64) Tetrachloroethene	9.34	164	81598	20.76	ug/l	97
65) Chlorobenzene	10.14	112	170332	20.60	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	63273	21.39	ug/l	100
67) Ethyl Benzene	10.26	91	272392	20.09	ug/l	100
68) m/p-Xylenes	10.37	106	218836	40.86	ug/l	100
69) o-Xylene	10.71	106	107790	20.71	ug/l	100
70) Styrene	10.72	104	174298	20.61	ug/l	100
71) Bromoform	10.86	173	48930	19.54	ug/l	99
73) Isopropylbenzene	11.02	105	291771	21.35	ug/l	99
74) N-amyl acetate	6.47	43	130985	21.10	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	87483	21.67	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	84769m	21.17	ug/l	
77) Bromobenzene	11.26	156	82993	20.88	ug/l	98
78) n-propylbenzene	11.37	91	316466	21.26	ug/l	98
79) 2-Chlorotoluene	11.43	91	192504	21.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239769	21.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20856	19.47	ug/l	90
82) 4-Chlorotoluene	11.52	91	219673	20.79	ug/l	100
83) tert-Butylbenzene	11.77	119	237239	20.95	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249671	21.35	ug/l	99
85) sec-Butylbenzene	11.95	105	289770	21.32	ug/l	100
86) p-Isopropyltoluene	12.07	119	264974	21.25	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	145474	20.48	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148523	20.50	ug/l	99
89) n-Butylbenzene	12.40	91	206361	19.98	ug/l	99
90) Hexachloroethane	12.60	117	40036	21.33	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	150674	20.85	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18825	21.22	ug/l	98

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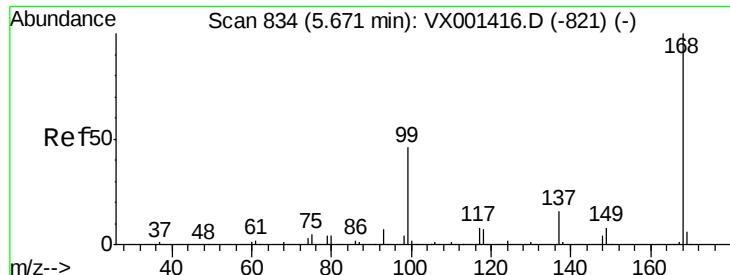
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104944	19.84	ug/l	99
94) Hexachlorobutadiene	13.79	225	58392	20.18	ug/l	100
95) Naphthalene	13.84	128	304124	20.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113867	20.98	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: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion:168 Resp: 235450

Ion Ratio Lower Upper

168 100

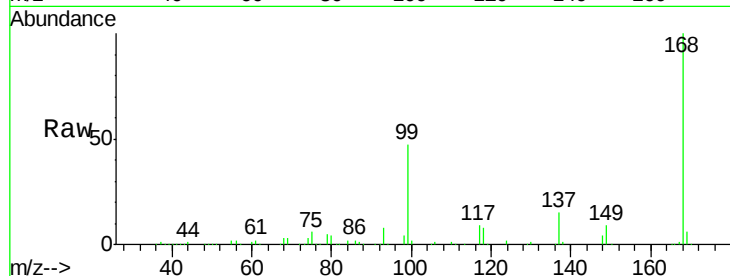
99 46.9 36.6 54.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

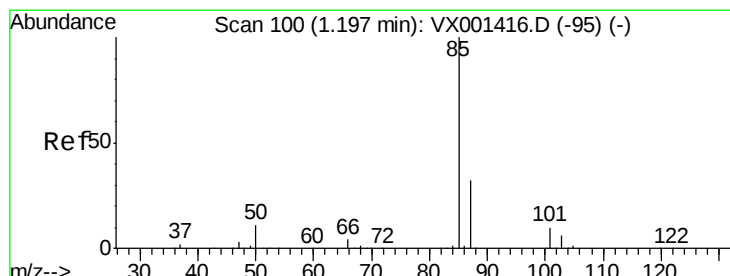
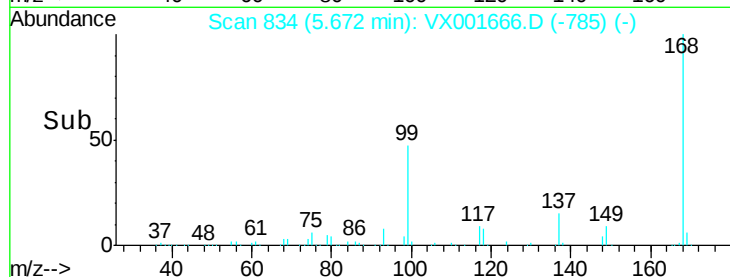
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.35 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001666.D

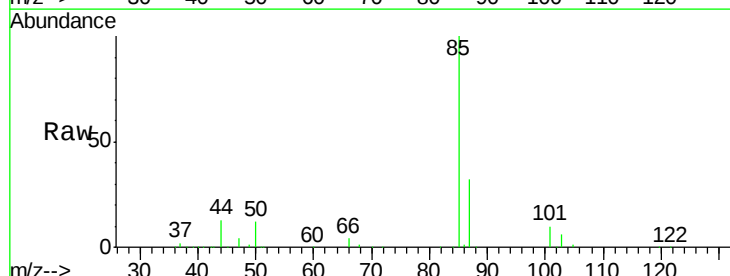
Acq: 12 May 2018 14:56

Tgt Ion: 85 Resp: 58160

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

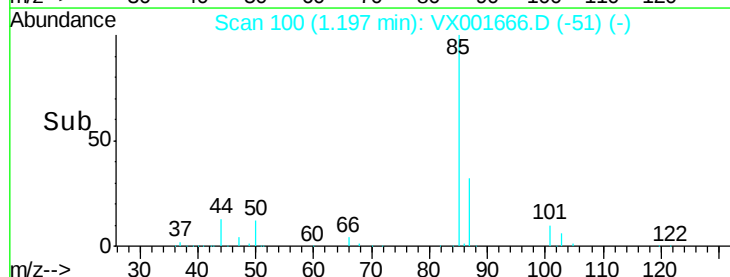
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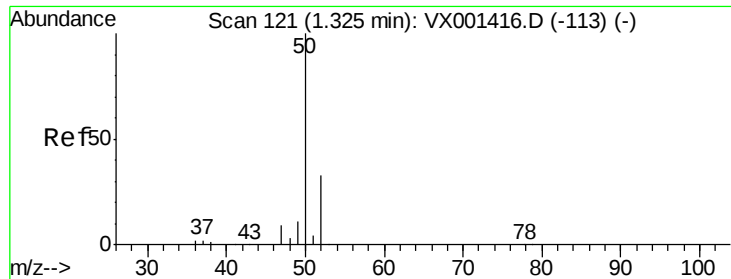
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20000

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Time-->





#3

Chloromethane

Concen: 18.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 50 Resp: 56060

Ion Ratio Lower Upper

50 100

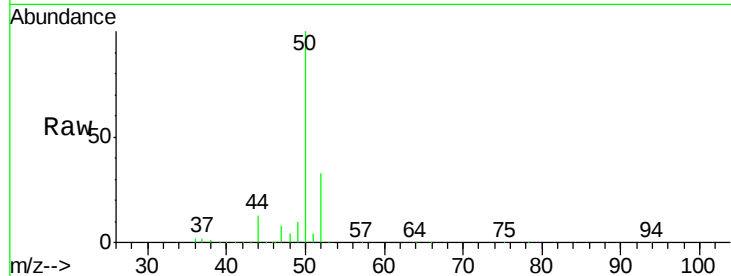
52 33.0 26.2 39.4

Manual Integrations

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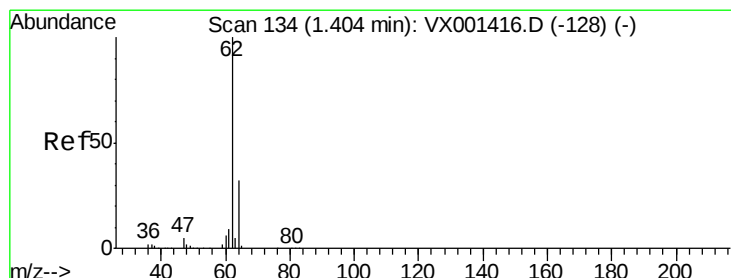
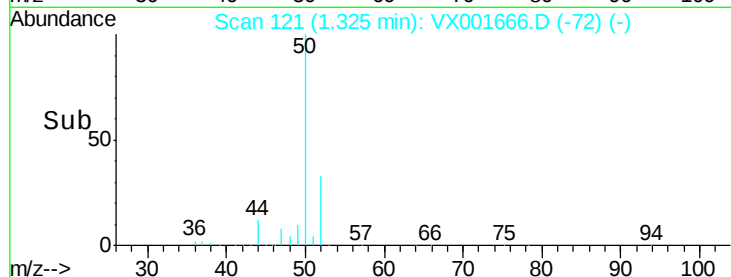
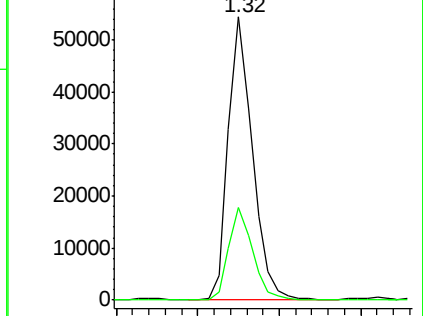
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.20 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001666.D

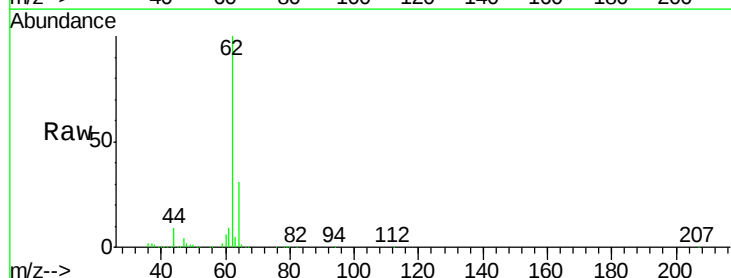
Acq: 12 May 2018 14:56

Tgt Ion: 62 Resp: 61845

Ion Ratio Lower Upper

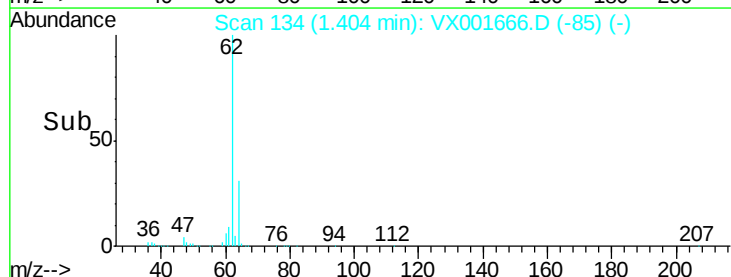
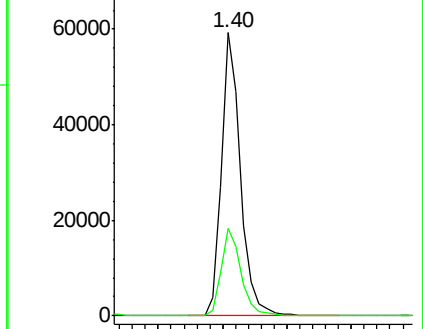
62 100

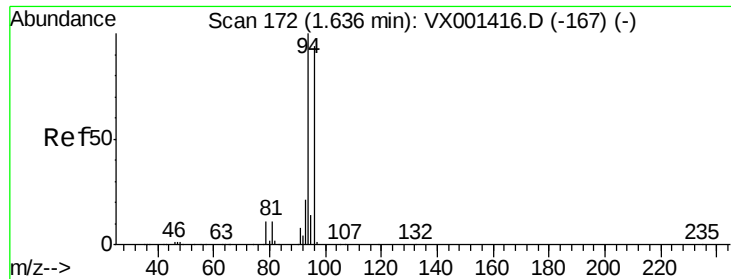
64 30.7 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.67 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 94 Resp: 36209

Ion Ratio Lower Upper

94 100

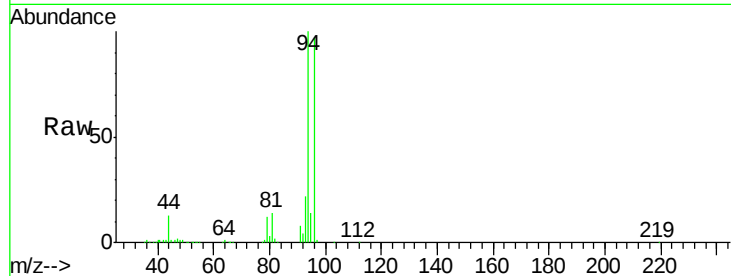
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Manual Integrations

APPROVED

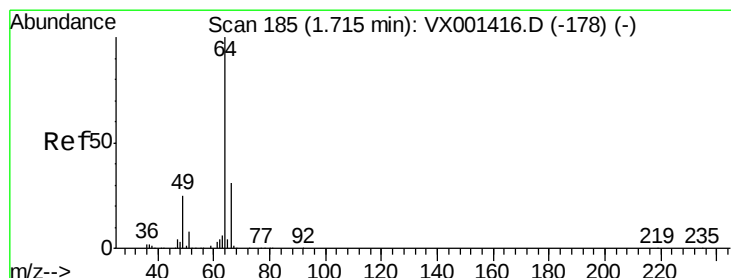
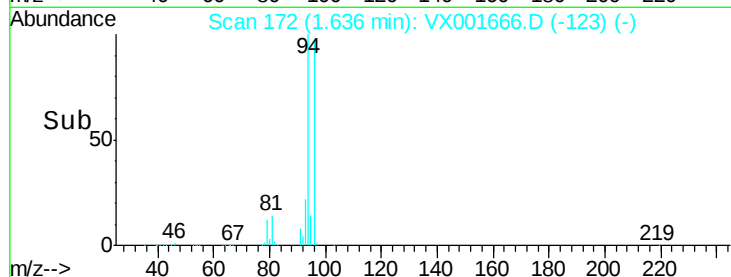
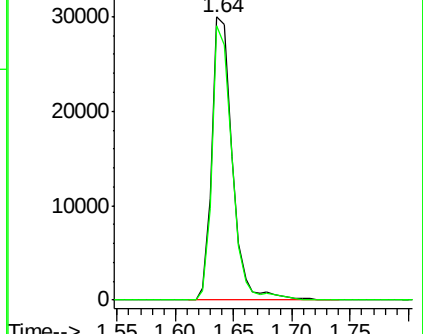
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.87 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001666.D

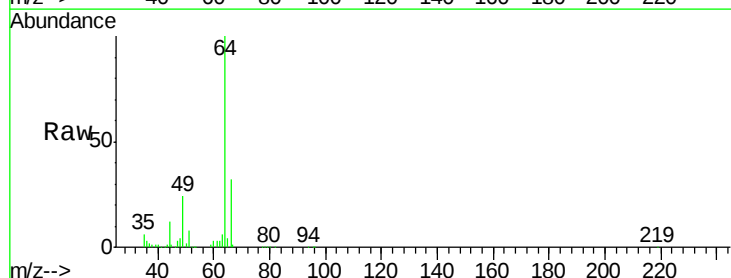
Acq: 12 May 2018 14:56

Tgt Ion: 64 Resp: 42321

Ion Ratio Lower Upper

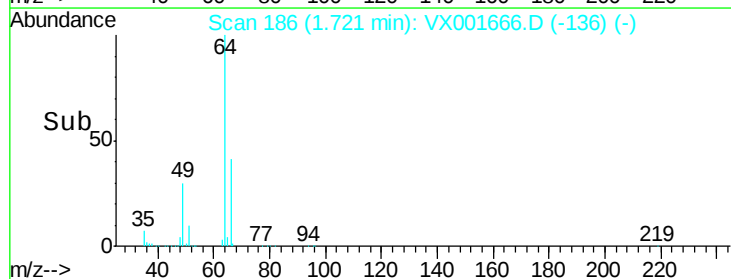
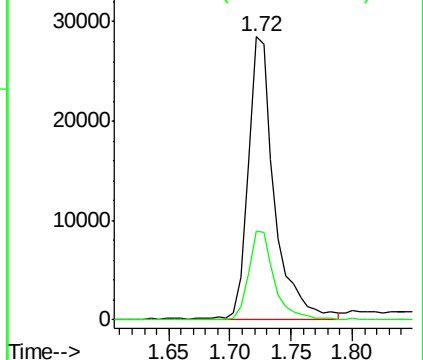
64 100

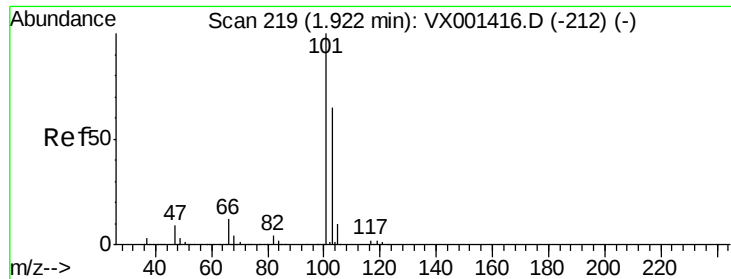
66 31.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

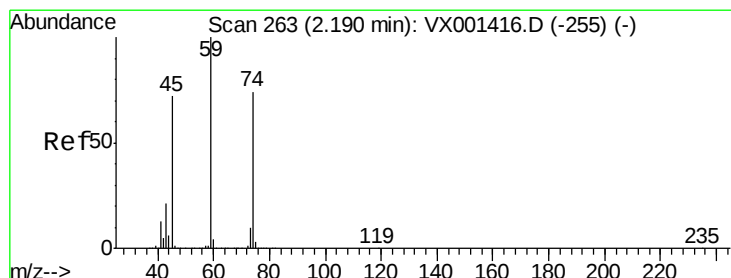
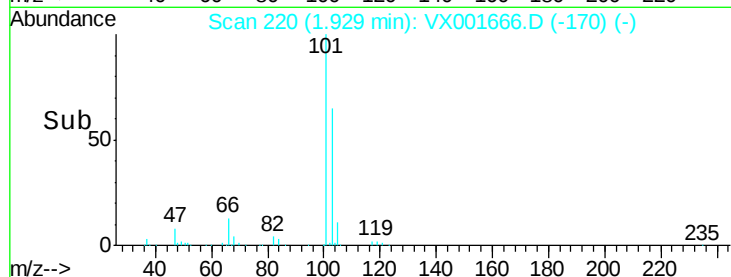
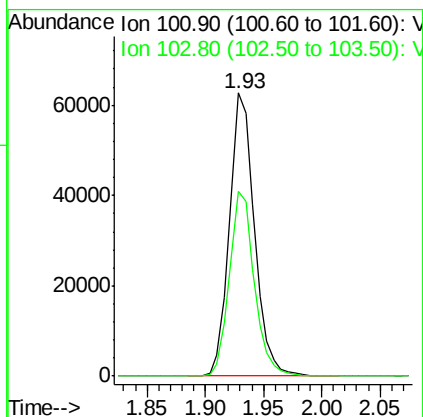
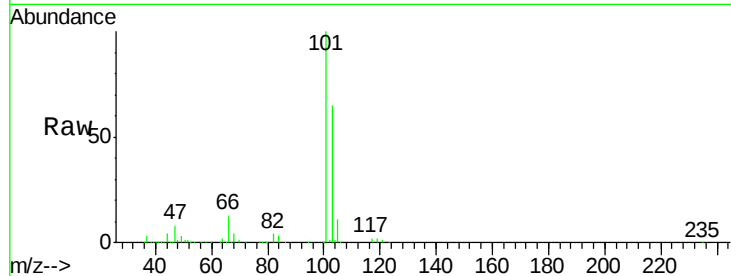
Trichlorofluoromethane
 Concen: 19.43 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
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 ClientSampleId :
 VX0512WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.0	78.0

Manual Integrations
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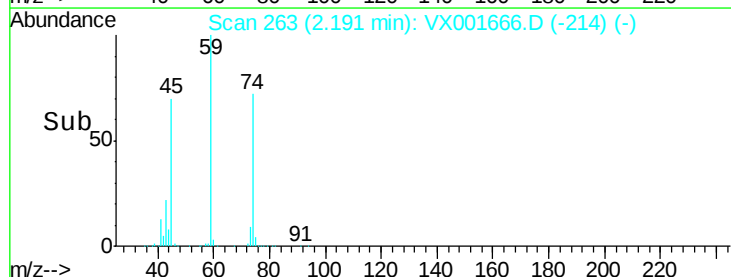
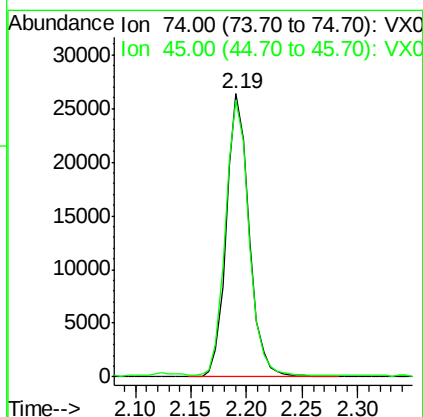
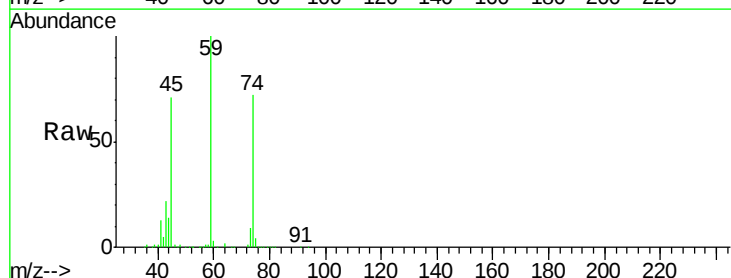
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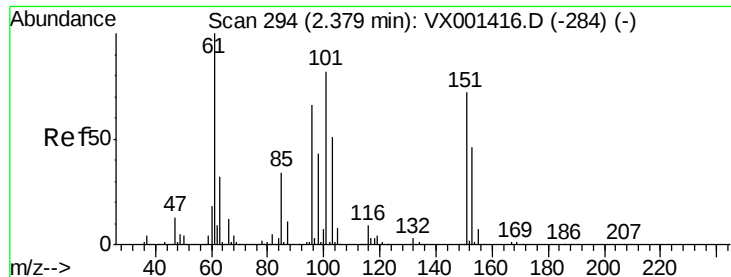


#8

Diethyl Ether
 Concen: 19.65 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	47.9	143.6





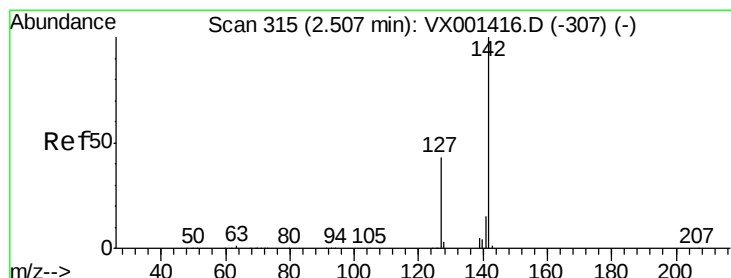
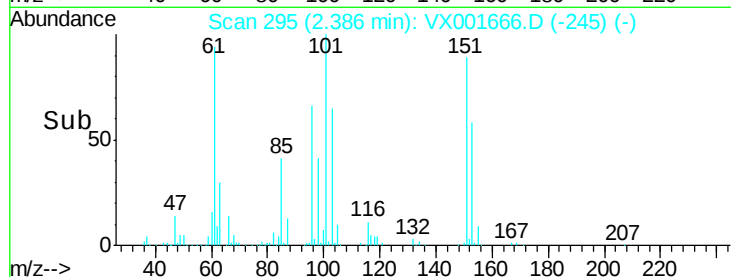
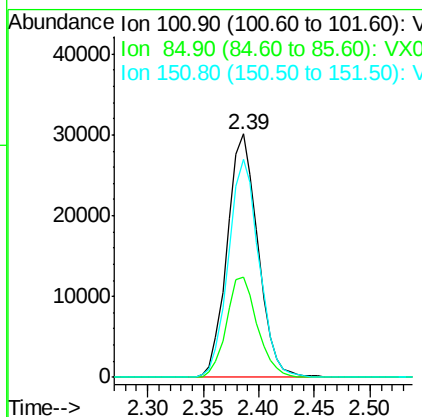
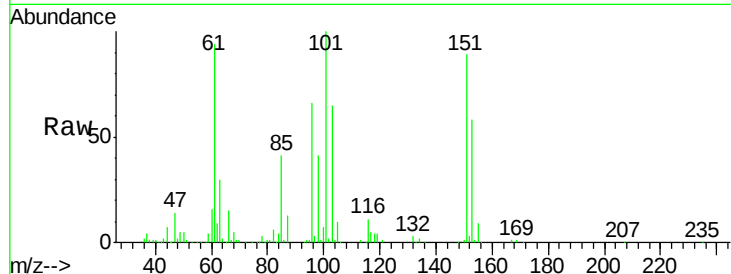
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.25 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	57572		
85	41.5	33.7	50.5	
151	89.3	72.3	108.5	

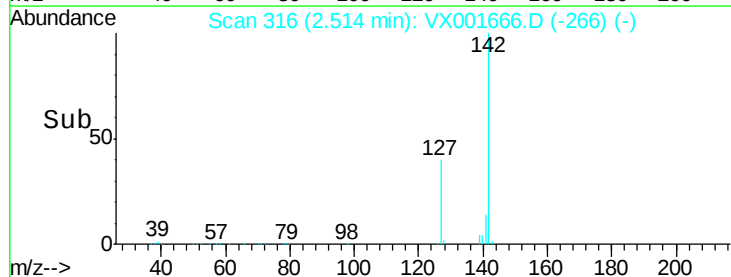
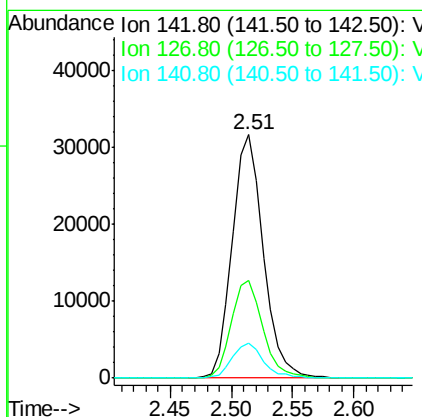
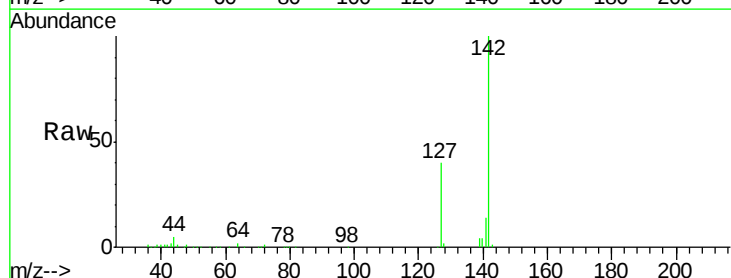
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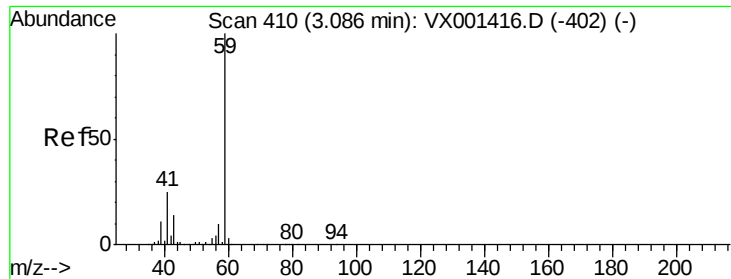
apatel
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#10
Methyl Iodide
Concen: 13.58 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	55685		
127	40.8	33.6	50.4	
141	14.4	11.4	17.2	





#11

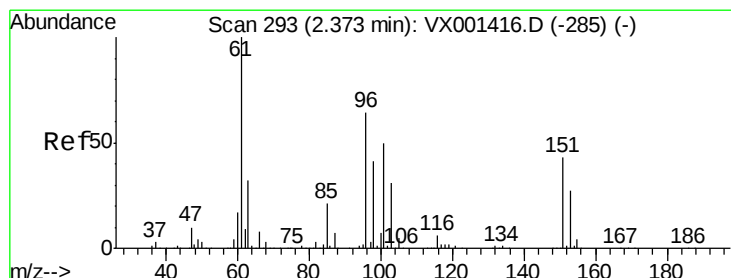
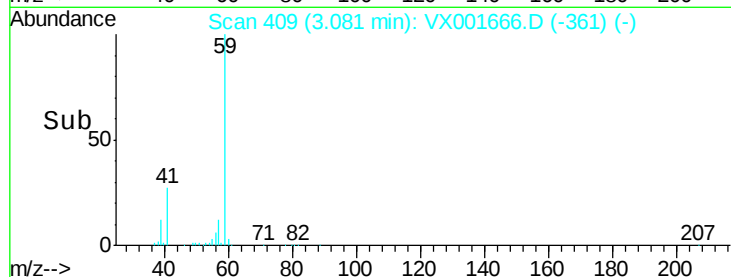
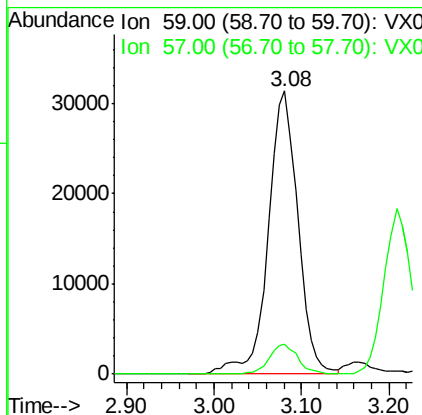
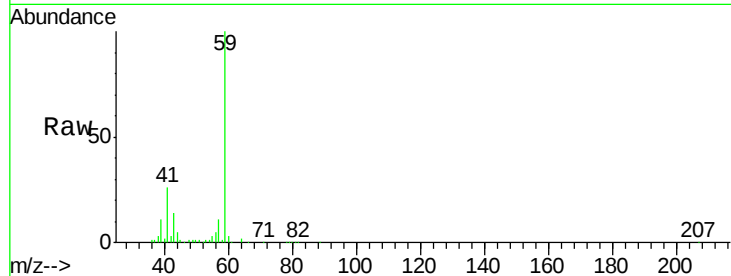
Tert butyl alcohol
Concen: 104.11 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampled :
VX0512WBSD01

Tot Ion	59	57	Ratio	100	10.3	Resp	74287	Lower	8.2	Upper	12.4
Ion											

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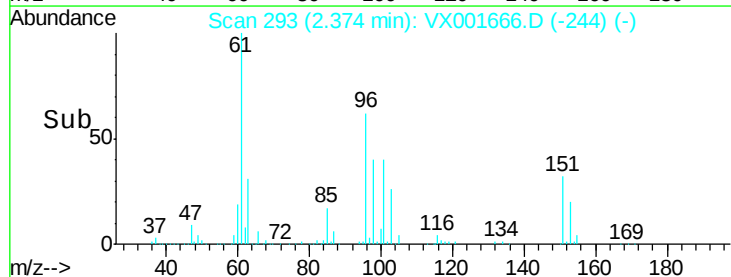
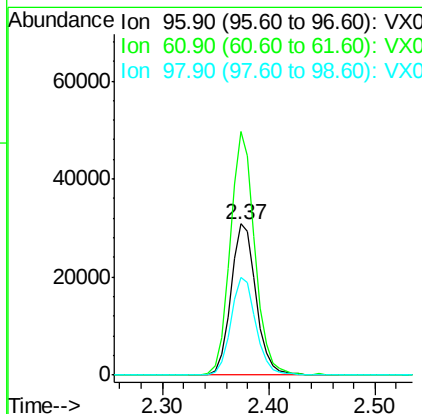
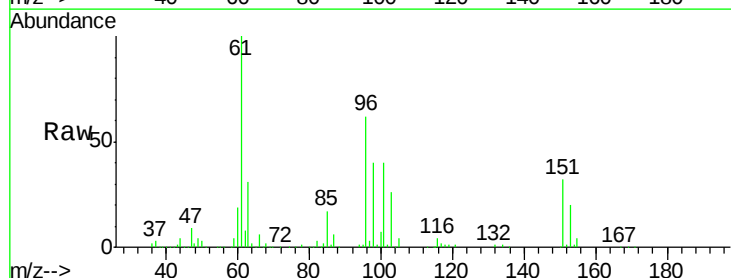
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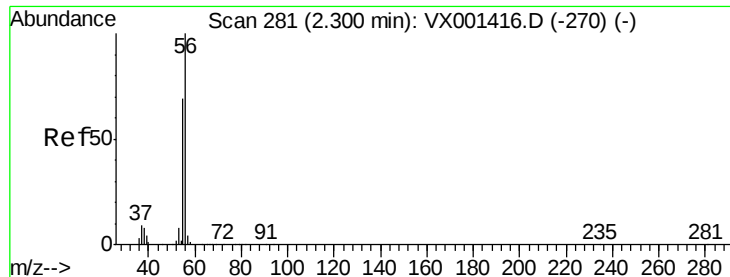


#12

1,1-Dichloroethene
Concen: 19.60 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	96	61	98	Ratio	100	161.1	65.0	Resp	51065	Lower	125.7	Upper	188.5	78.0
Ion														





#13

Acrolein

Concen: 60.84 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 56 Resp: 9800

Ion Ratio Lower Upper

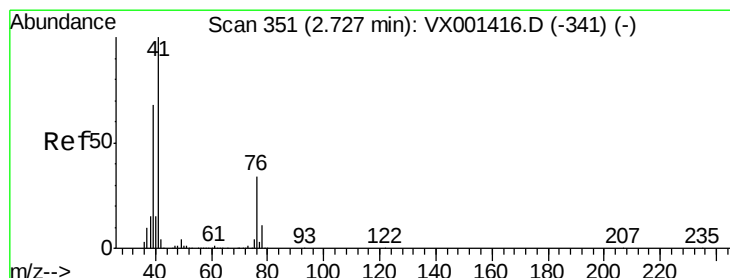
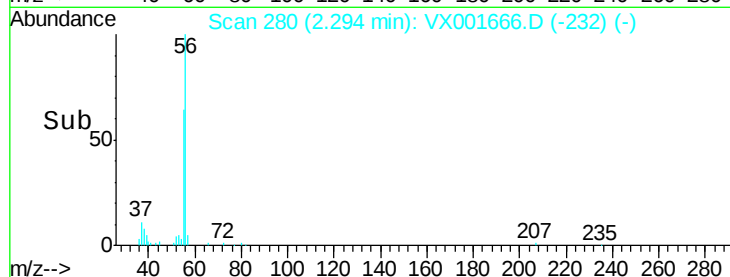
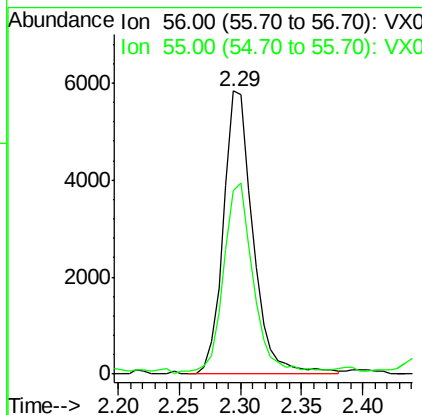
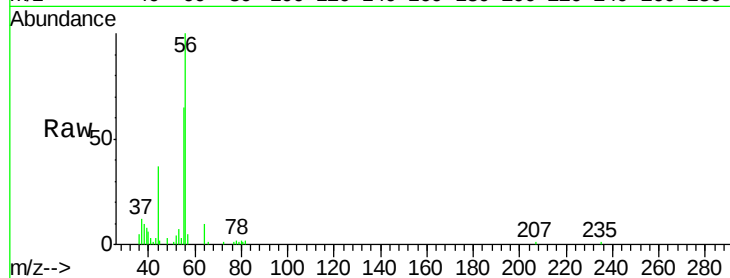
56 100

55 68.7 54.5 81.7

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#14

Allyl chloride

Concen: 20.36 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

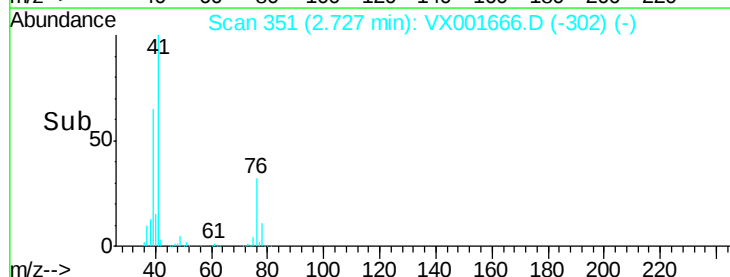
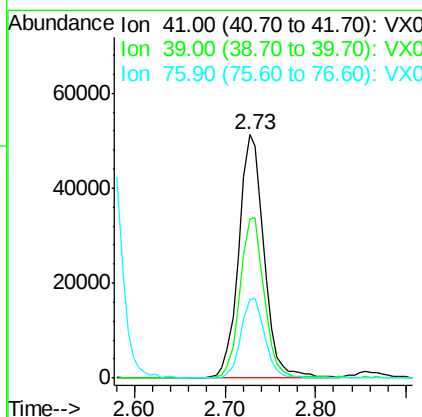
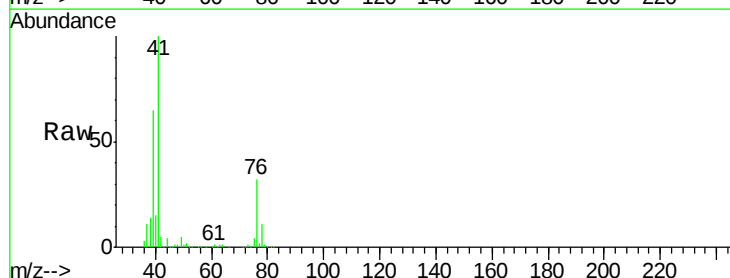
Tgt Ion: 41 Resp: 98895

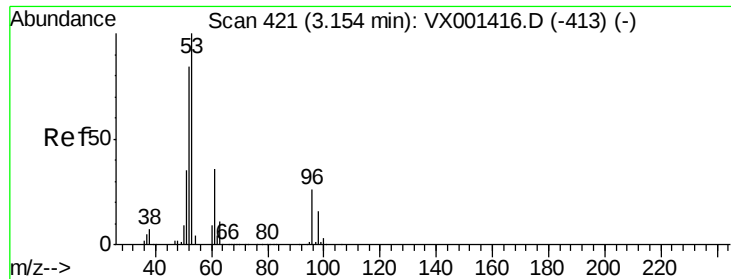
Ion Ratio Lower Upper

41 100

39 62.9 52.4 78.6

76 30.9 25.8 38.6





#15

Acrylonitrile

Concen: 102.65 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

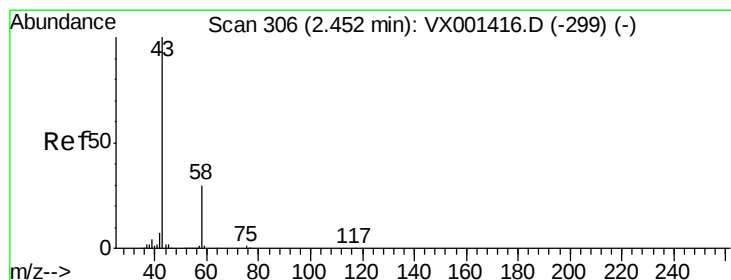
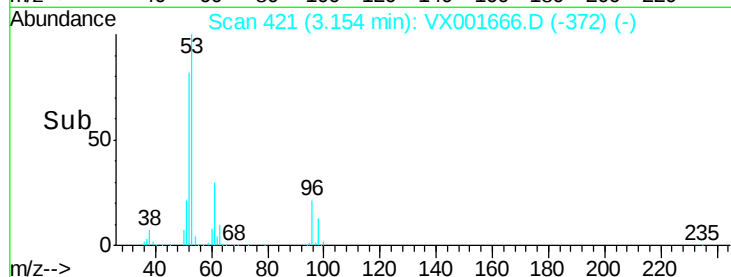
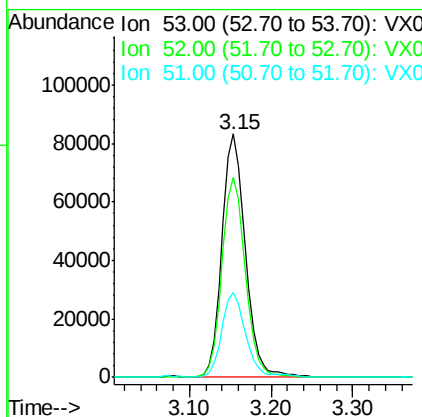
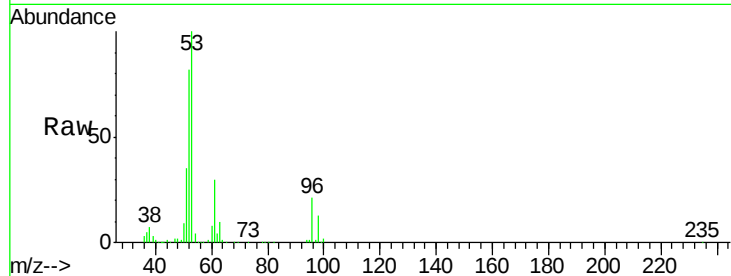
ClientSampleId :

VX0512WBSD01

Tot Ion:	53	Resp:	165507
Ion Ratio		Lower	Upper
53	100		
52	81.8	66.2	99.2
51	35.8	28.6	43.0

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#16

Acetone

Concen: 113.52 ug/l

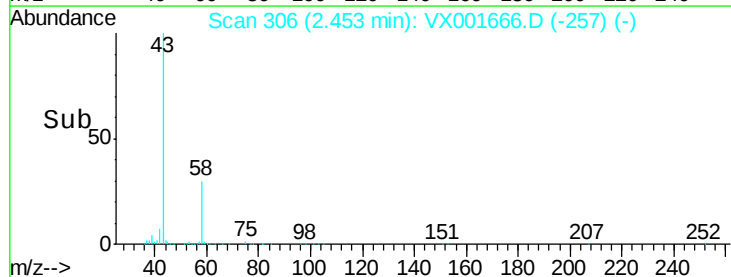
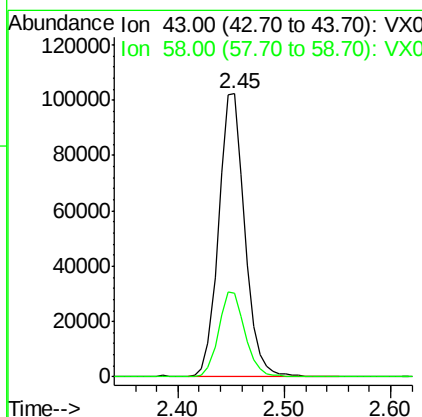
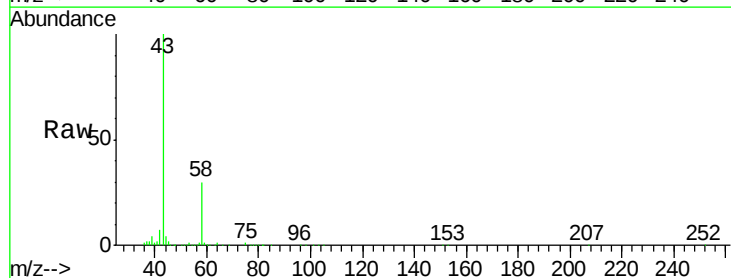
RT: 2.45 min Scan# 306

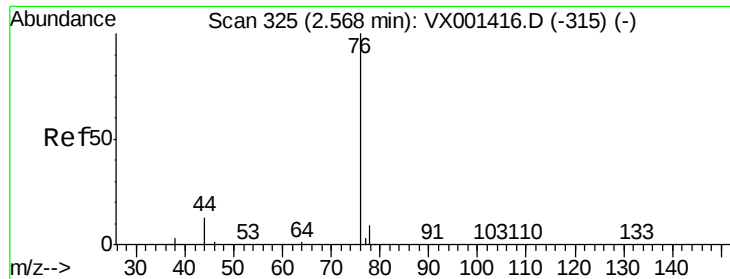
Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion:	43	Resp:	174447
Ion Ratio		Lower	Upper
43	100		
58	29.7	23.8	35.8





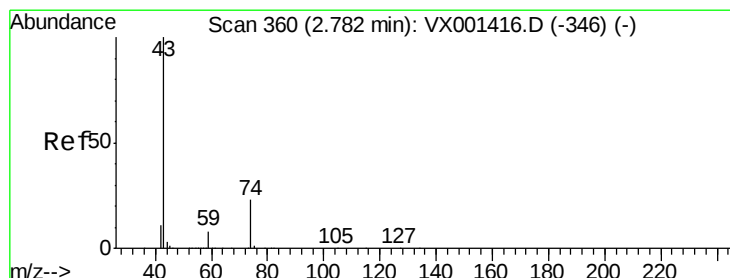
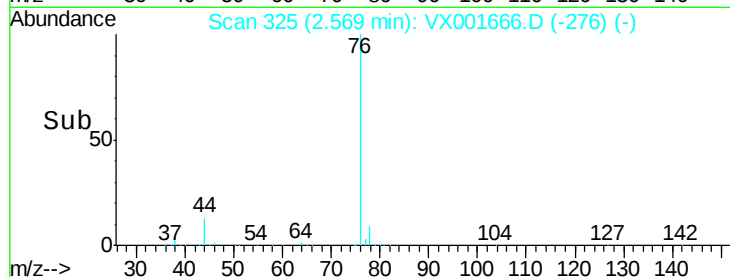
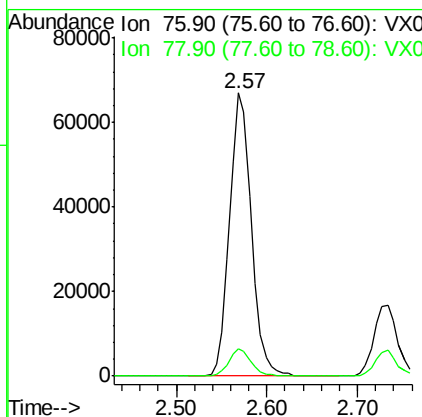
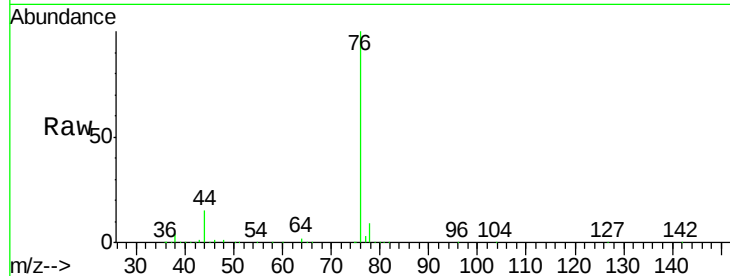
#17
Carbon Disulfide
Concen: 16.92 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	9.3	7.4	11.2	

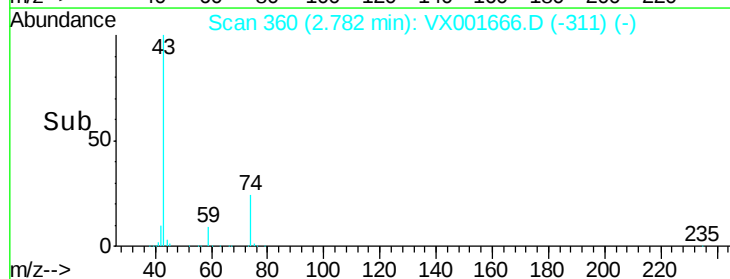
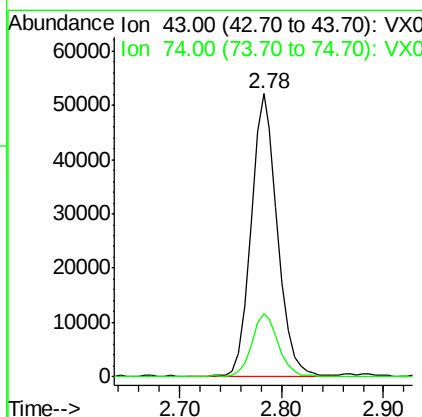
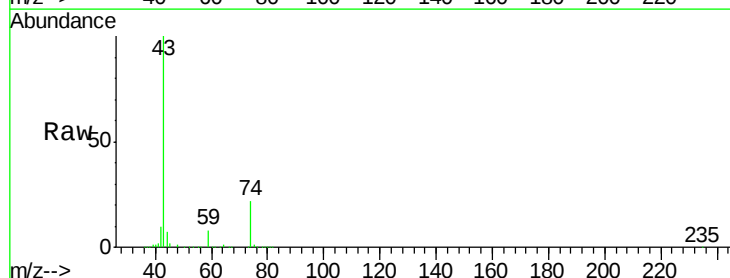
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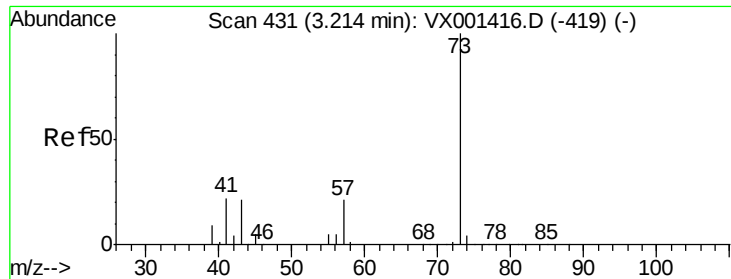
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#18
Methyl Acetate
Concen: 22.84 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	23.1	18.6	27.8	





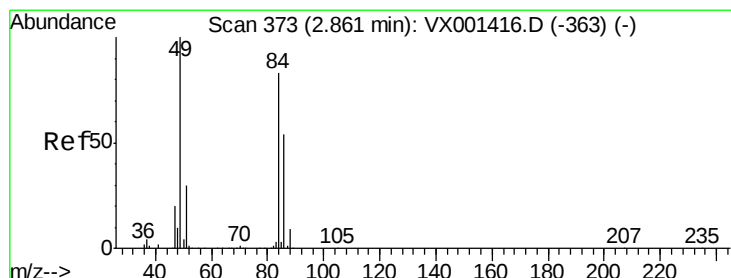
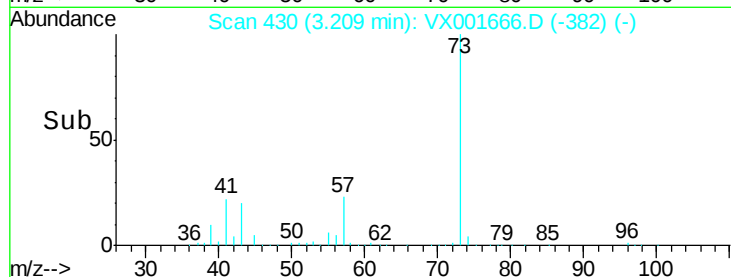
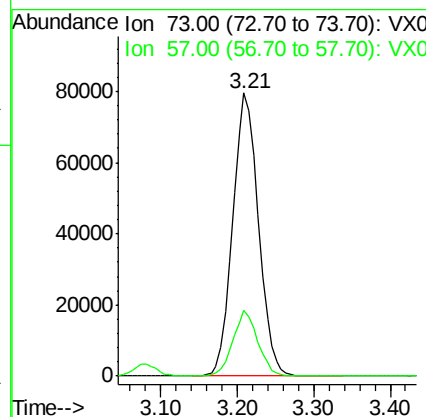
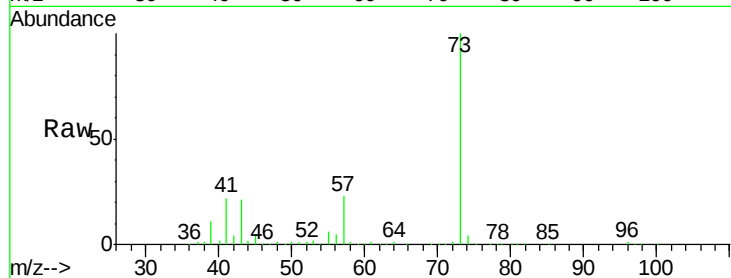
#19
Methvl tert-butvl Ether
Concen: 20.42 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.0	25.6

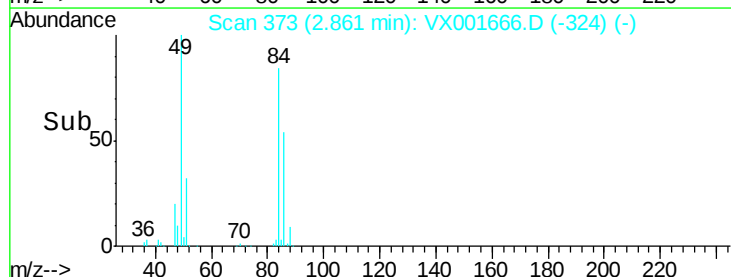
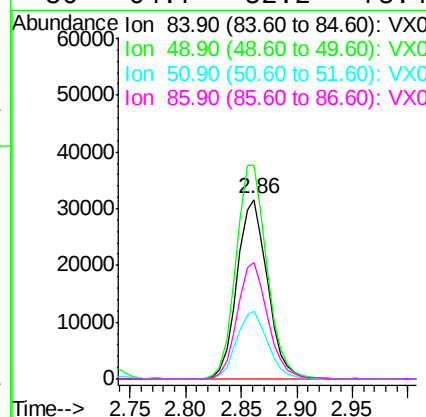
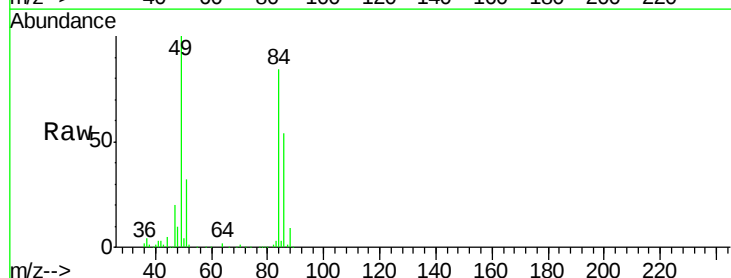
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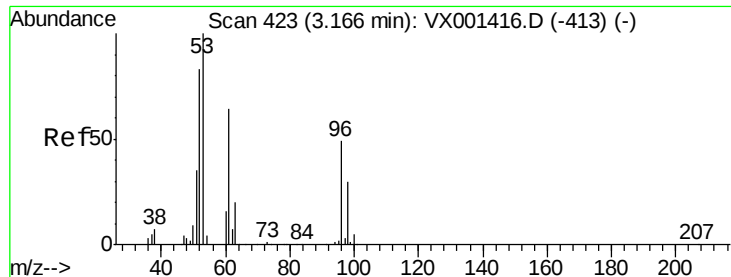
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#20
Methylene Chloride
Concen: 19.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	96.6	144.8
51	37.8	29.0	43.4
86	64.7	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.70 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

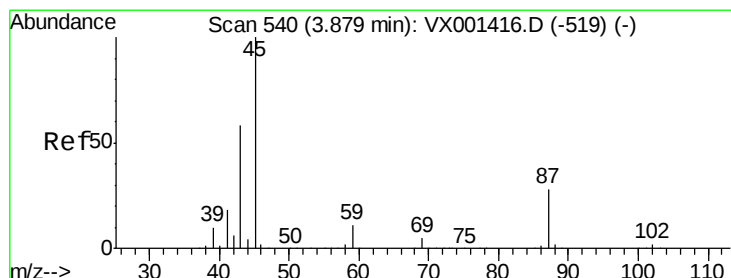
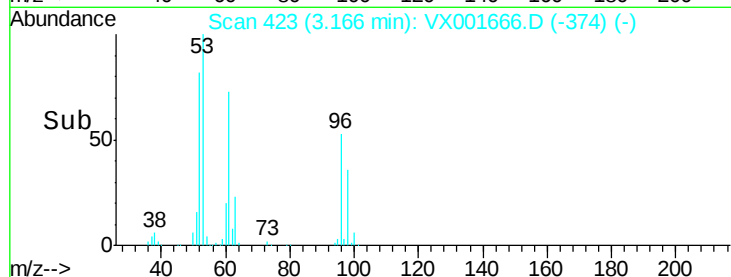
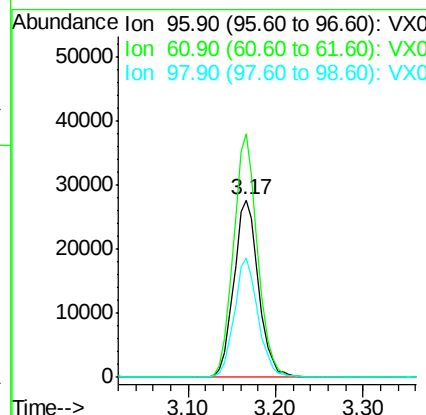
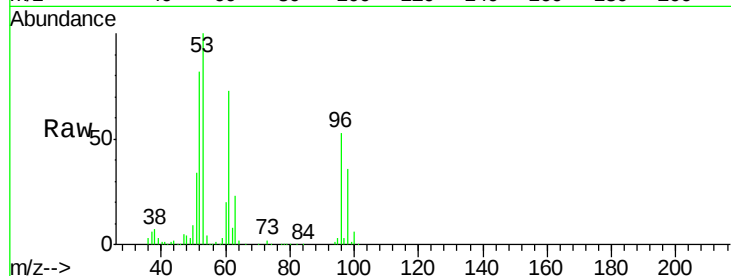
ClientSampleId :

VX0512WBSD01

Tot Ion:	96	Resp:	54368
Ion	Ratio	Lower	Upper
96	100		
61	137.5	105.0	157.4
98	67.3	49.9	74.9

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#22

Diisopropyl ether

Concen: 20.70 ug/l

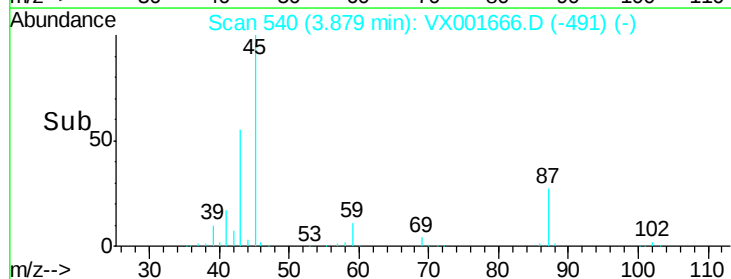
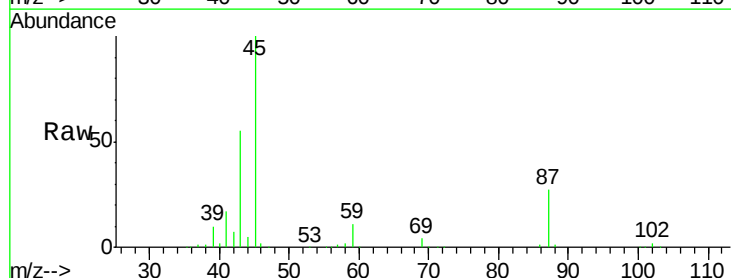
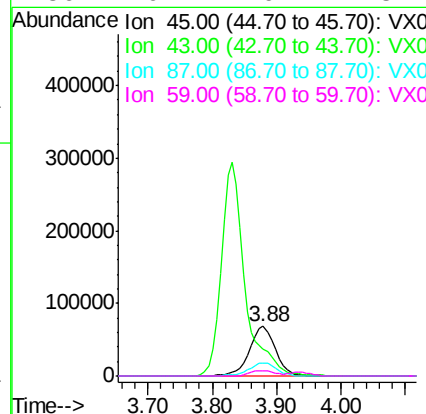
RT: 3.88 min Scan# 540

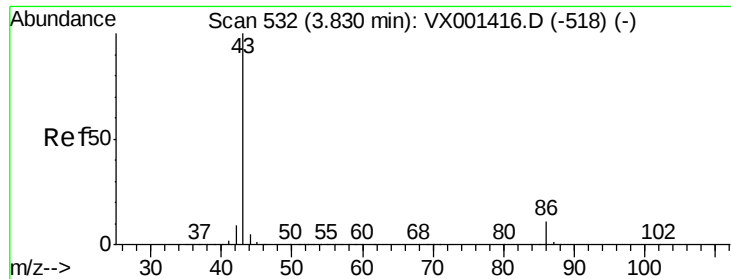
Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion:	45	Resp:	187895
Ion	Ratio	Lower	Upper
45	100		
43	54.9	46.5	69.7
87	26.5	22.6	34.0
59	10.7	9.1	13.7





#23

Vinyl Acetate

Concen: 100.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 43 Resp: 758358

Ion Ratio Lower Upper

43 100

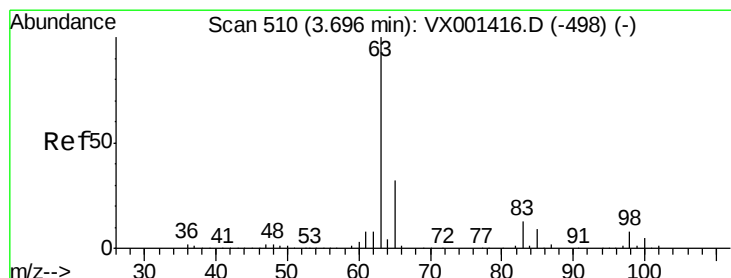
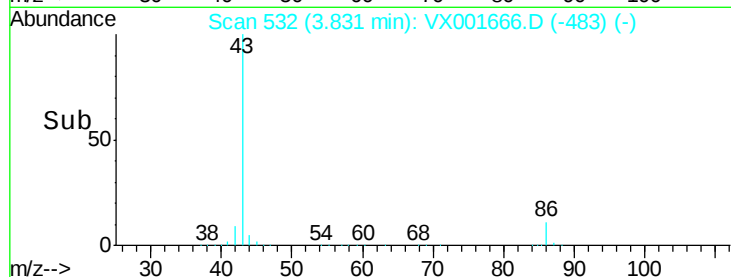
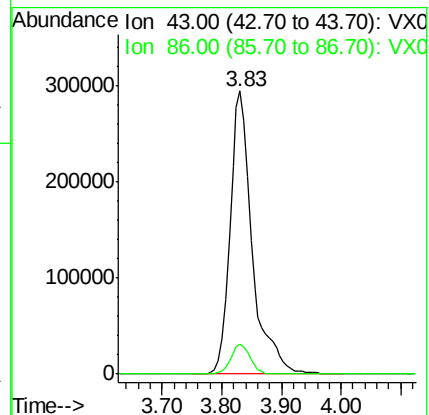
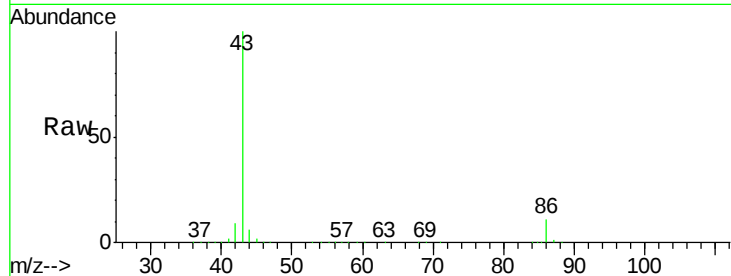
86 10.5 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 19.79 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

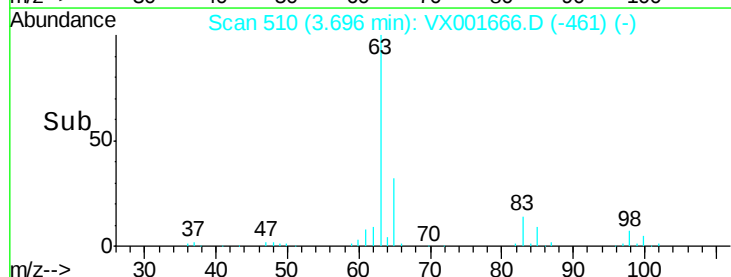
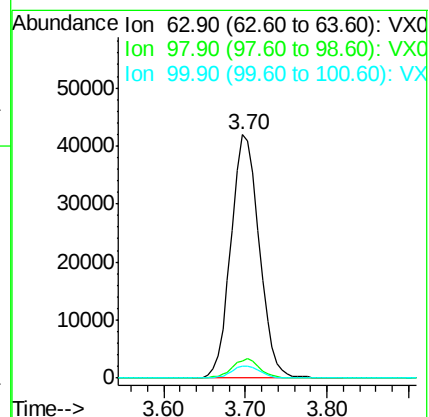
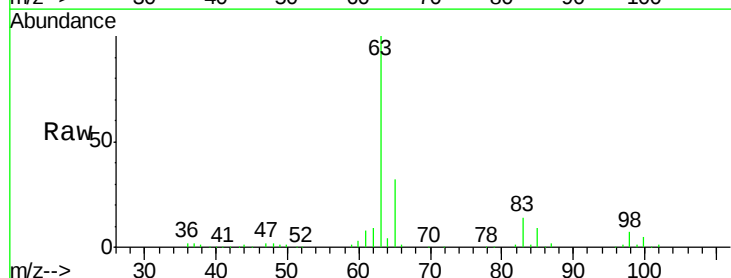
Tgt Ion: 63 Resp: 100333

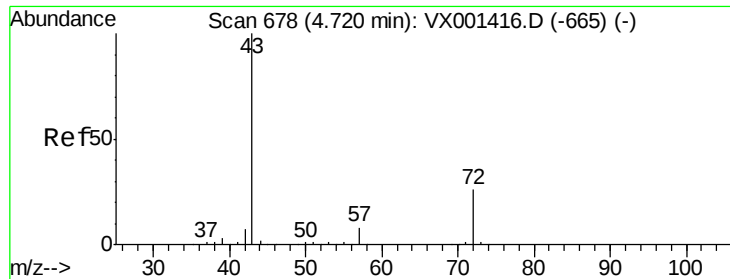
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 105.23 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 43 Resp: 233752

Ion Ratio Lower Upper

43 100

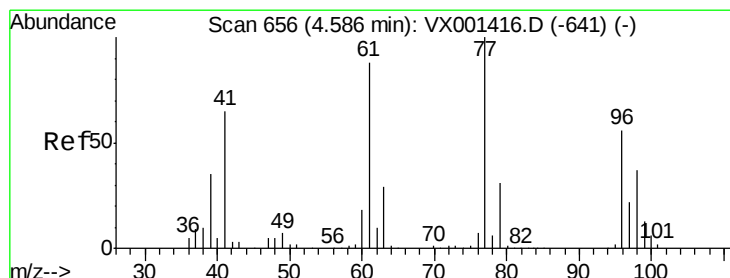
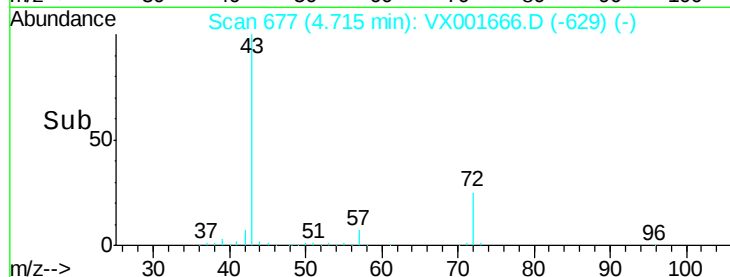
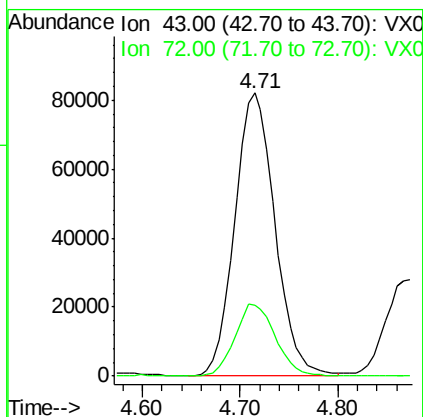
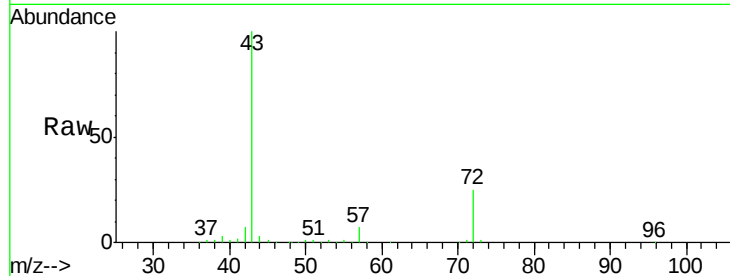
72 25.3 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 21.40 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001666.D

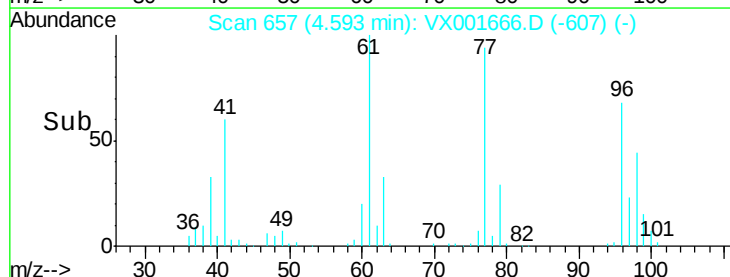
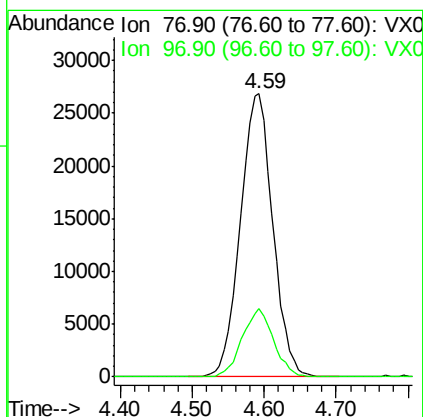
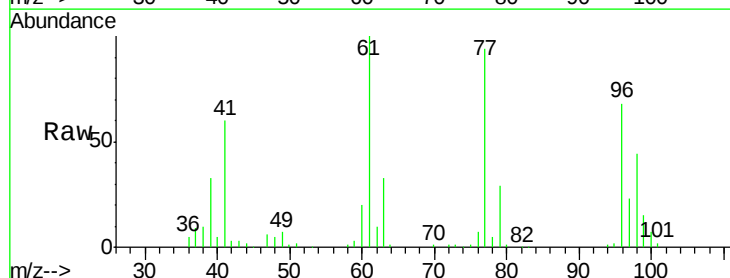
Acq: 12 May 2018 14:56

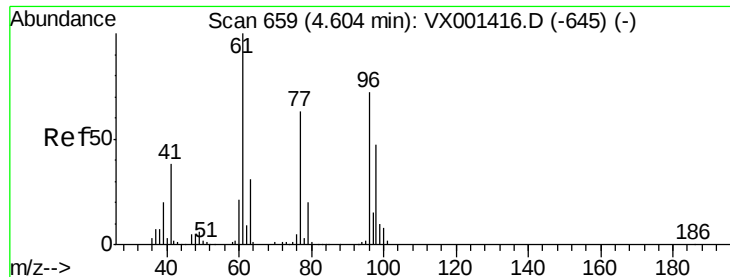
Tgt Ion: 77 Resp: 83785

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6





#27

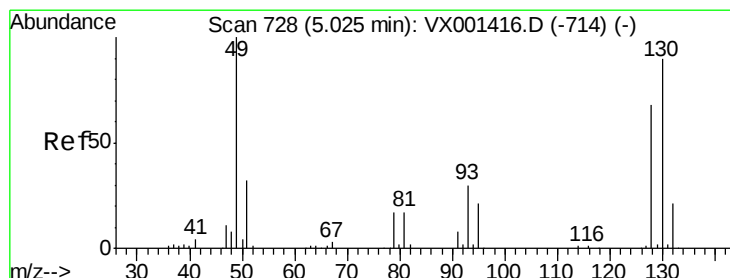
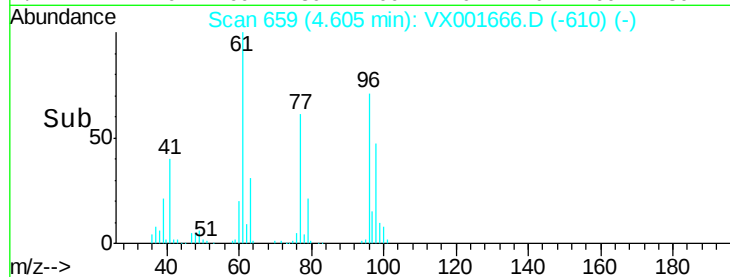
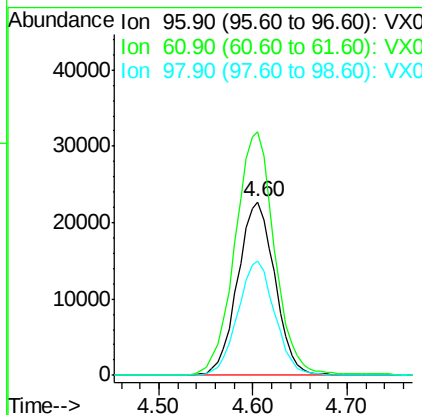
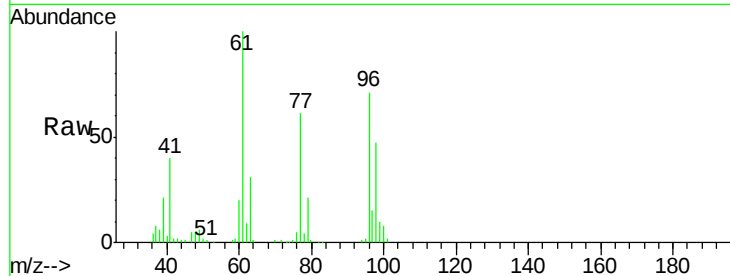
cis-1,2-Dichloroethene
Concen: 20.28 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	301.6
98	65.6	0.0	131.6

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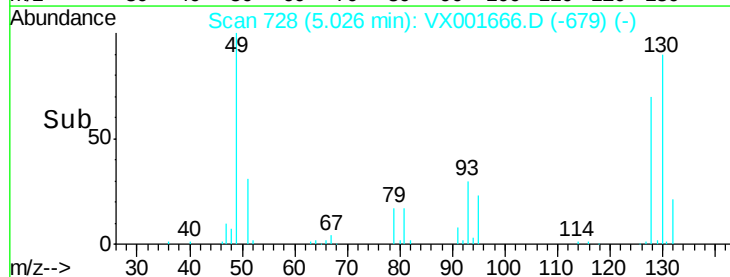
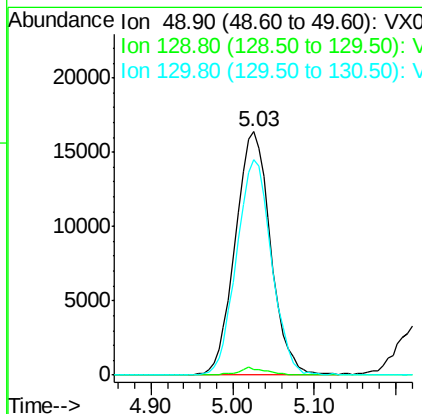
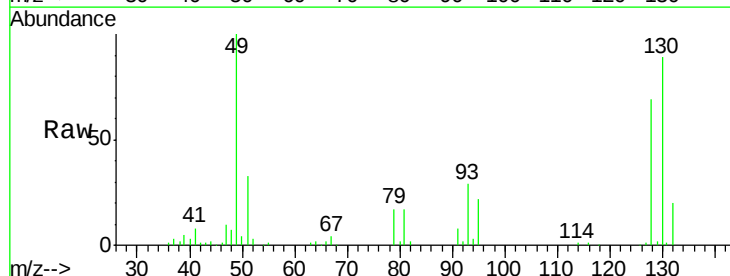
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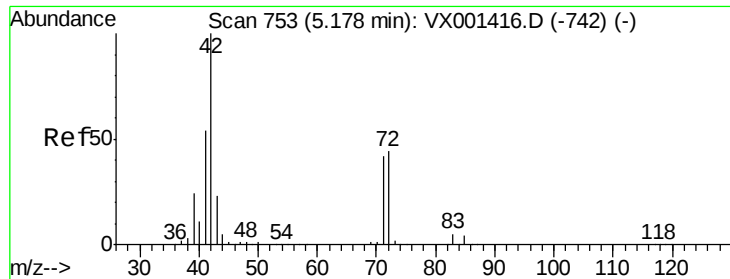


#28

Bromochloromethane
Concen: 22.43 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.4	71.9	107.9





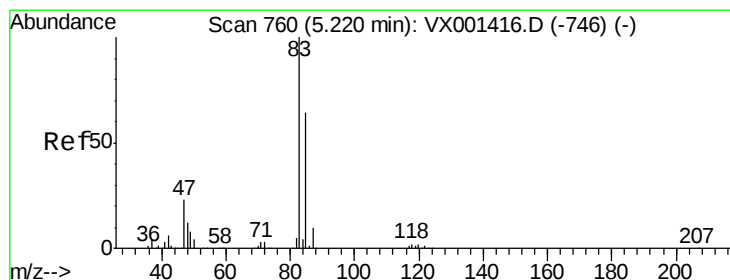
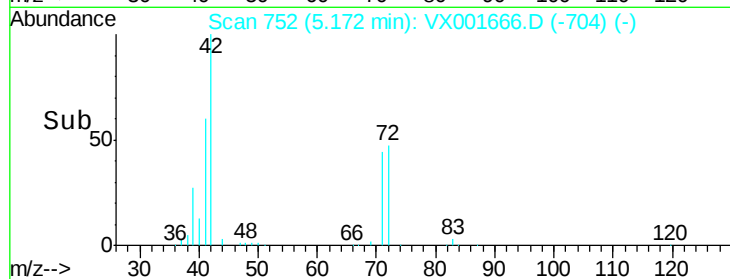
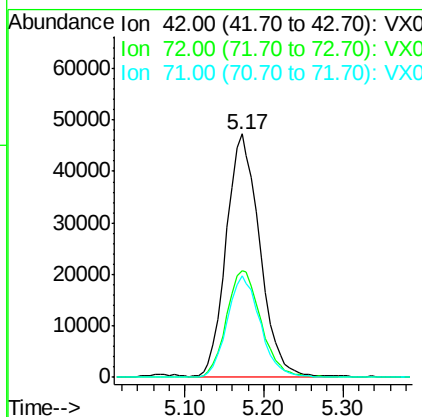
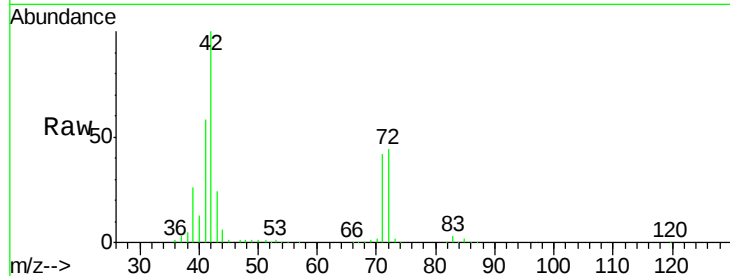
#29
Tetrahydrofuran
Concen: 97.74 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.4	53.2
71	41.4	33.0	49.4

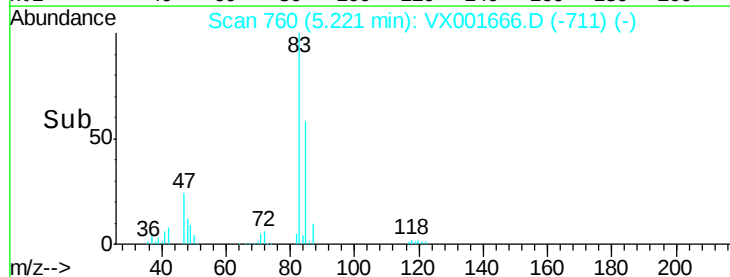
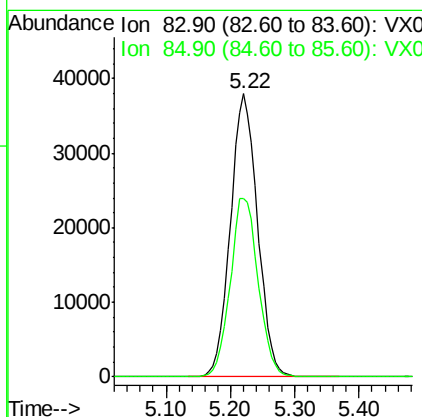
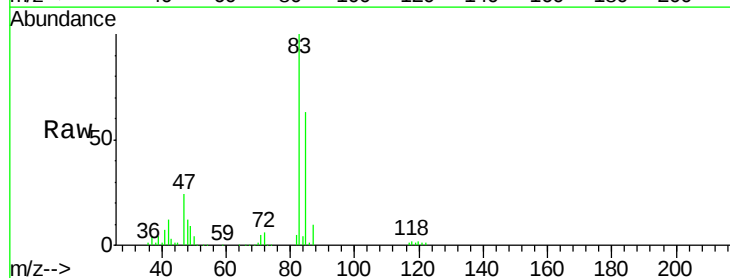
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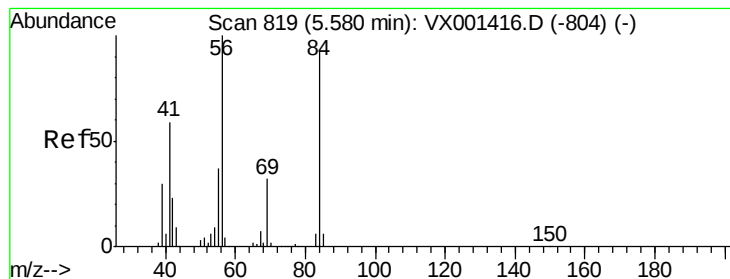
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#30
Chloroform
Concen: 21.32 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.0	76.4





#31

Cyclohexane

Concen: 18.98 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

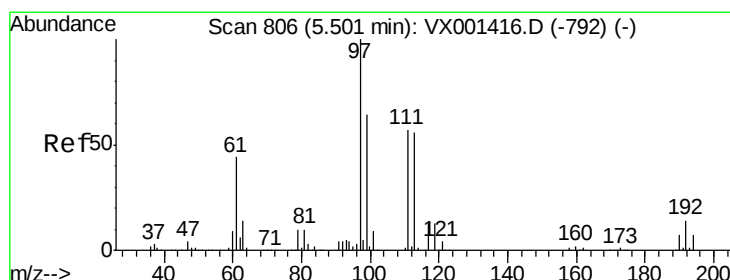
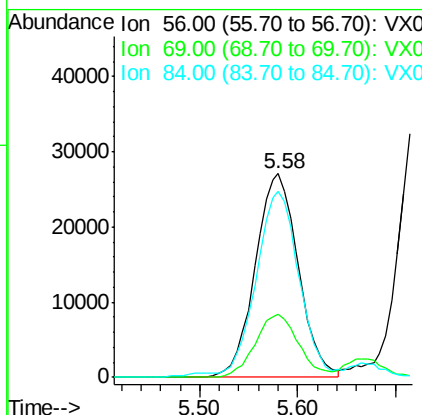
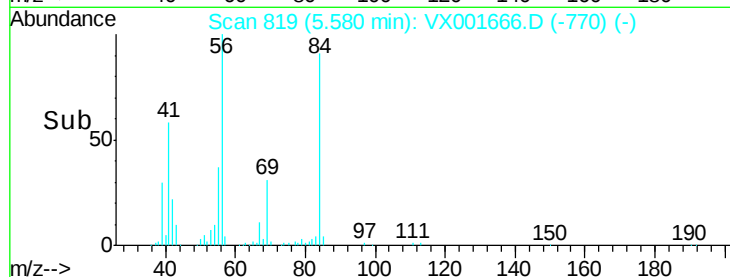
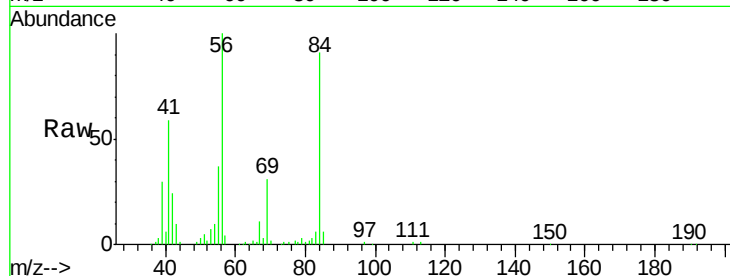
ClientSampleId :

VX0512WBSD01

Tot Ion:	56	Resp:	82664
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.4	38.0
84	89.5	73.8	110.8

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#32

1,1,1-Trichloroethane

Concen: 20.98 ug/l

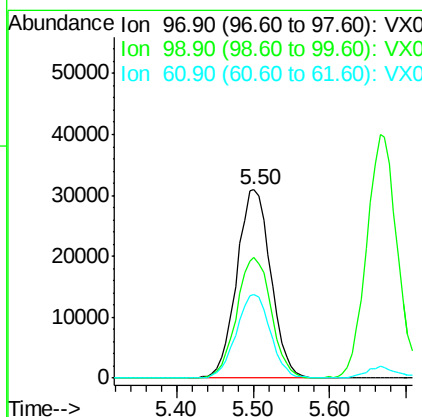
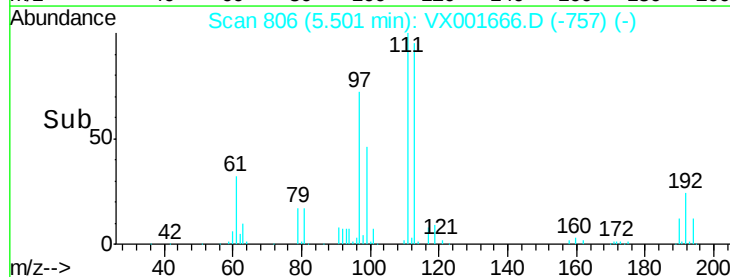
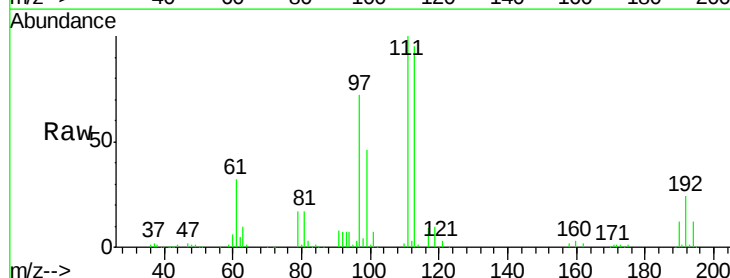
RT: 5.50 min Scan# 806

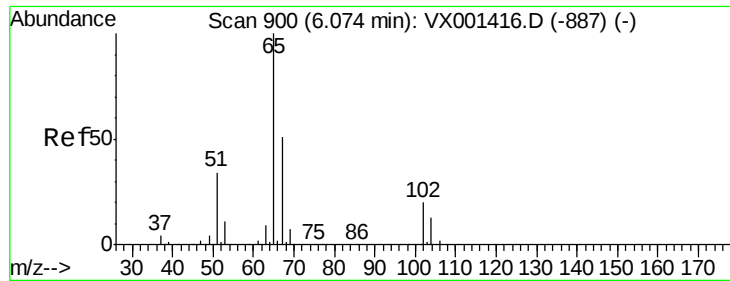
Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion:	97	Resp:	95758
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	44.5	34.8	52.2





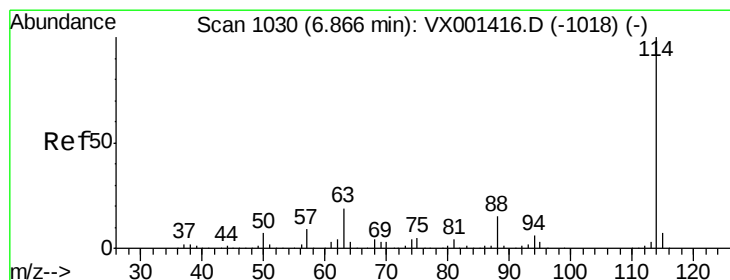
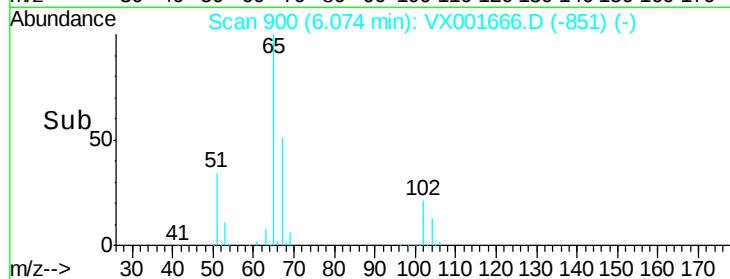
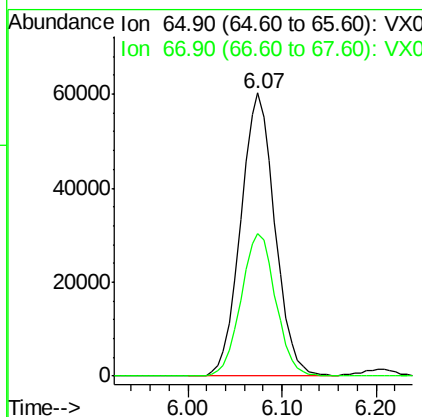
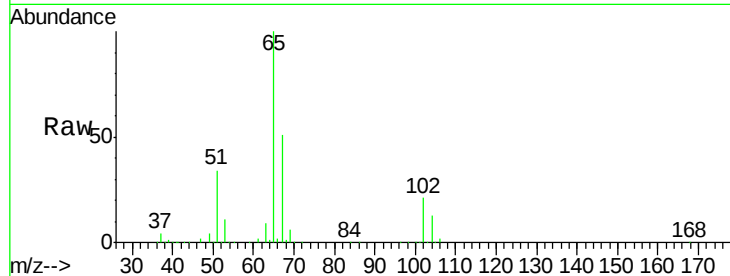
#33
 1,2-Dichloroethane-d4
 Concen: 45.16 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0512WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	152816		
67	51.0	0.0	101.8	

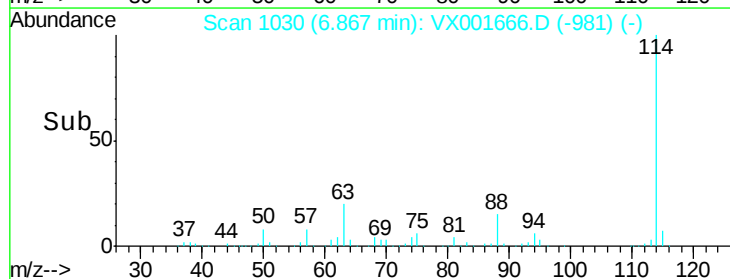
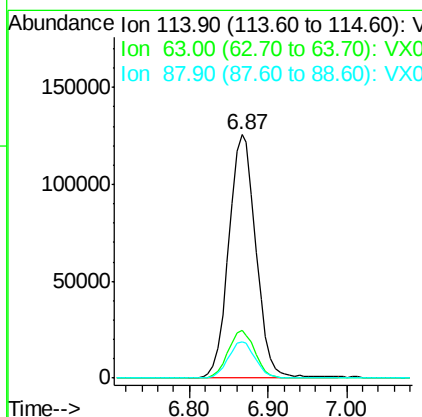
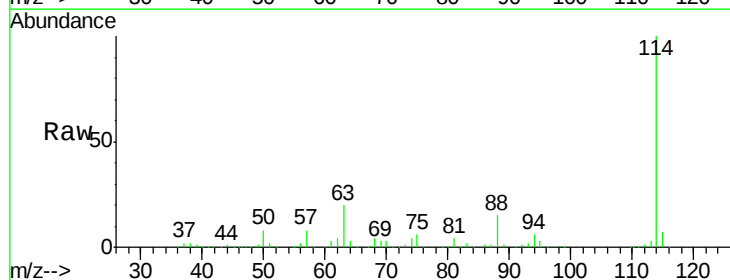
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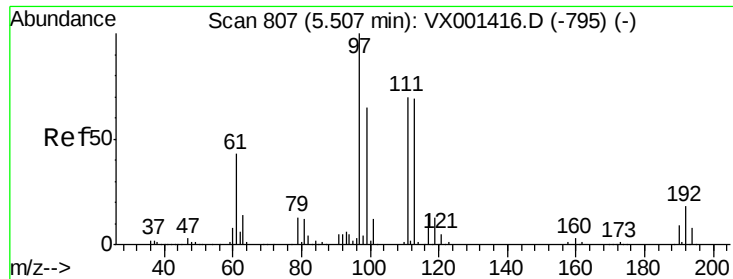
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	301741		
63	19.8	0.0	38.6	
88	15.0	0.0	30.8	





#35

Dibromofluoromethane

Concen: 47.31 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

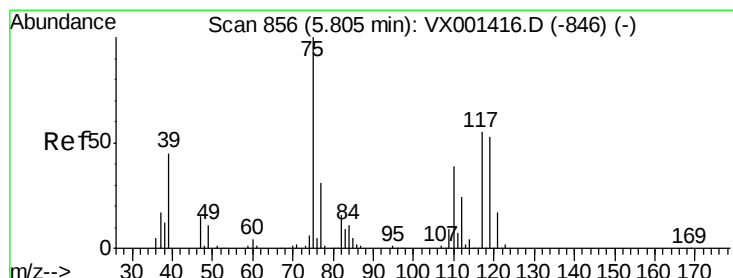
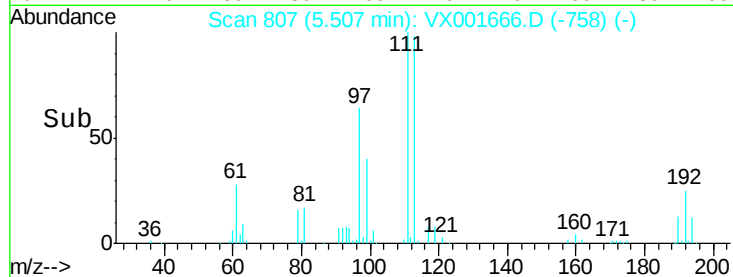
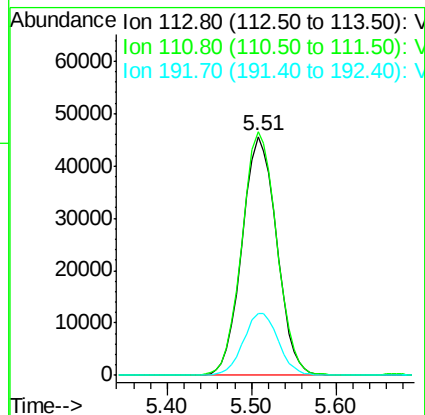
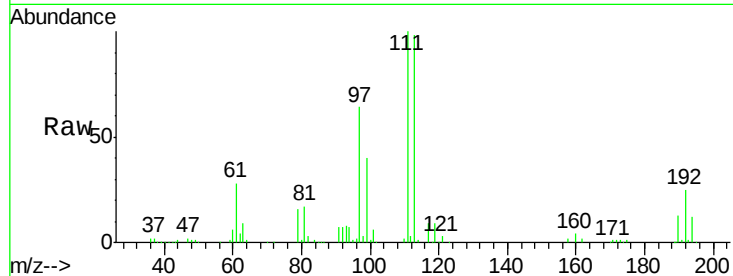
ClientSampleId :

VX0512WBSD01

Tot Ion:	113	Resp:	126987
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.2	123.2
192	26.3	21.4	32.0

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#36

1,1-Dichloropropene

Concen: 19.10 ug/l

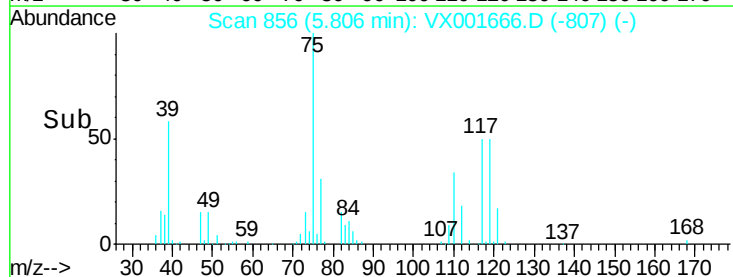
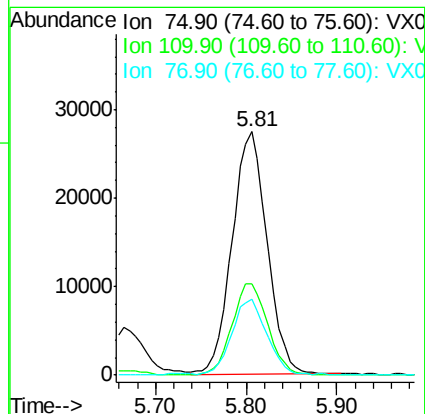
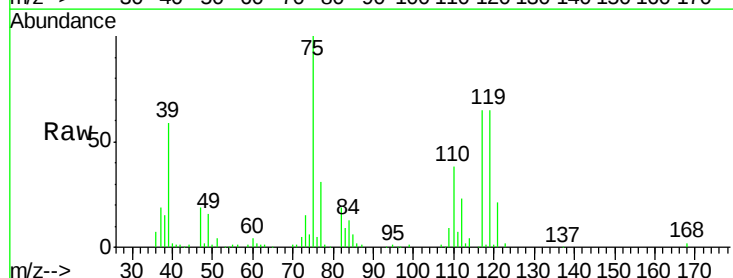
RT: 5.81 min Scan# 856

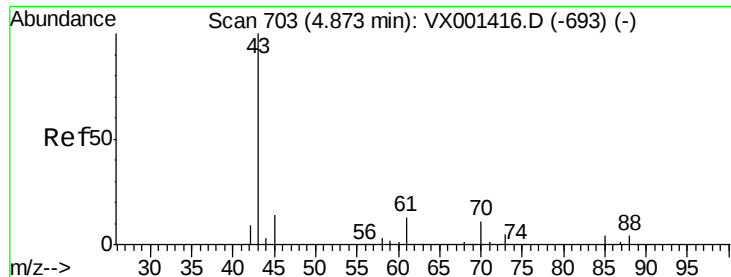
Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion:	75	Resp:	73329
Ion Ratio	Lower	Upper	
75	100		
110	38.6	18.9	56.7
77	31.7	24.9	37.3





#37

Ethyl Acetate

Concen: 19.99 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

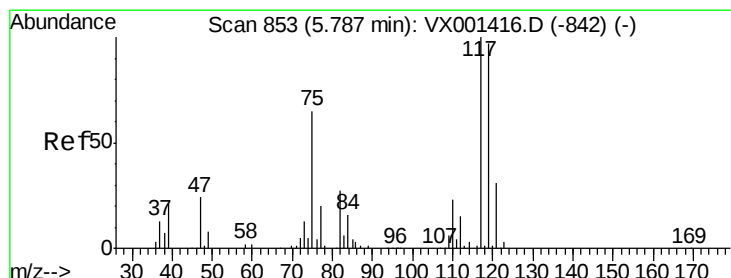
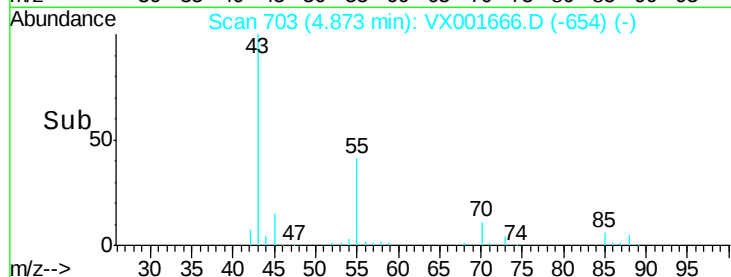
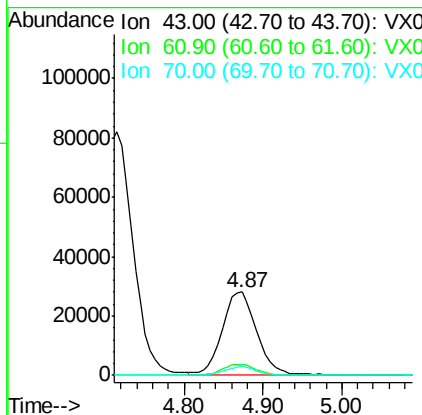
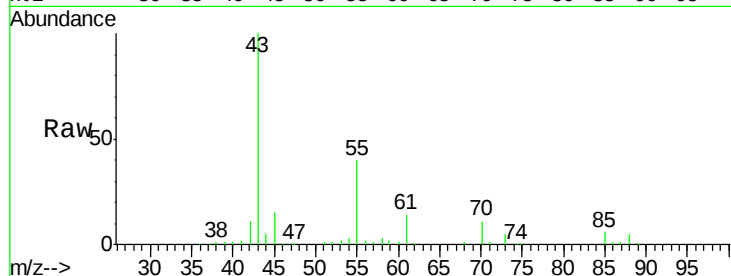
ClientSampleId :

VX0512WBSD01

Tot Ion:	43	Resp:	84093
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	10.3	8.4	12.6

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#38

Carbon Tetrachloride

Concen: 20.68 ug/l

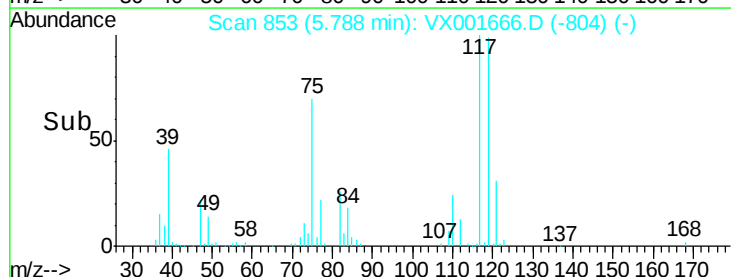
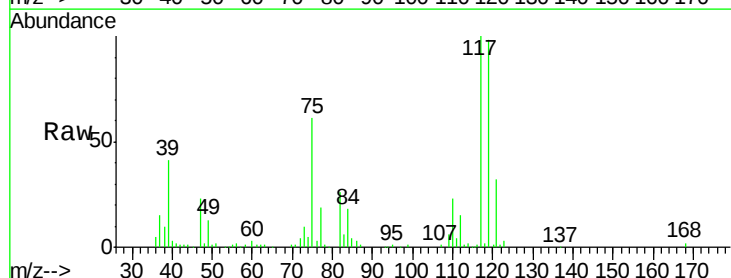
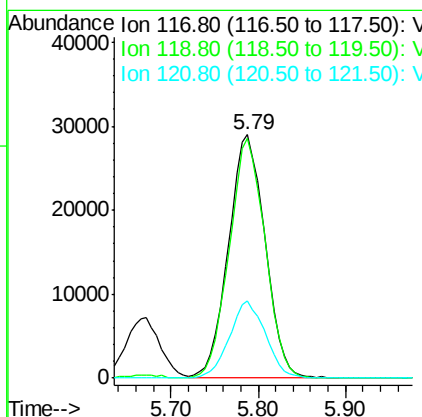
RT: 5.79 min Scan# 853

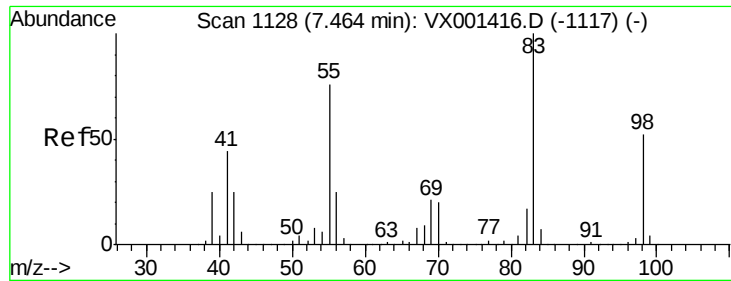
Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion:	117	Resp:	84649
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.0	115.6
121	31.6	25.1	37.7





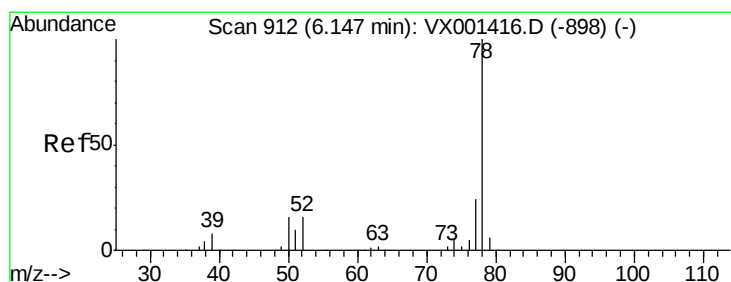
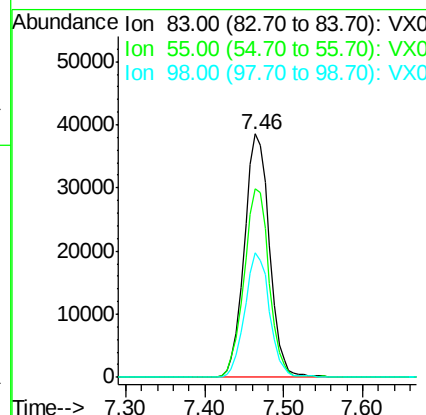
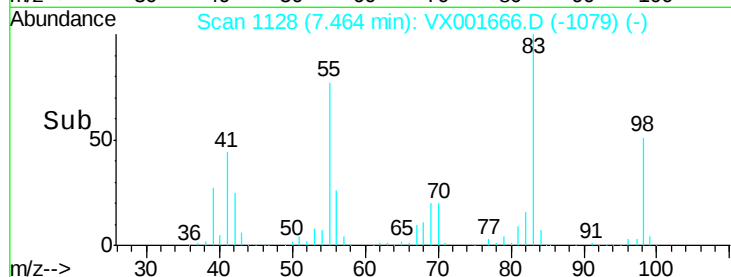
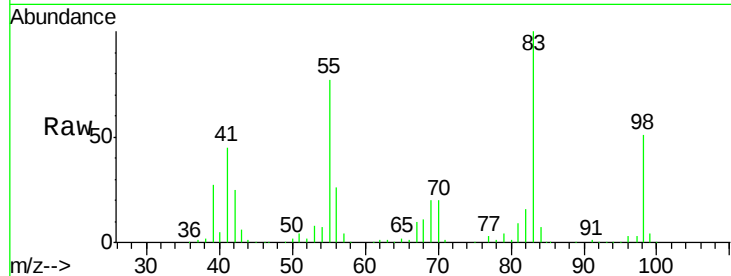
#39
Methvlcvclohexane
Concen: 18.88 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.3	60.9	91.3	
98	51.1	41.9	62.9	

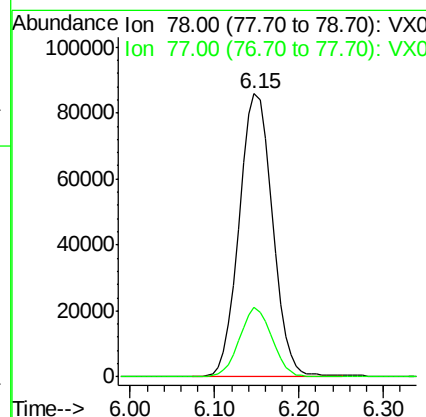
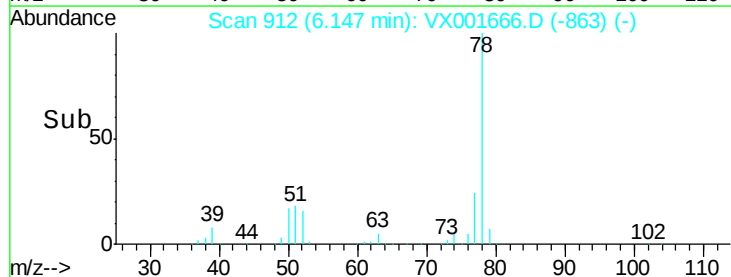
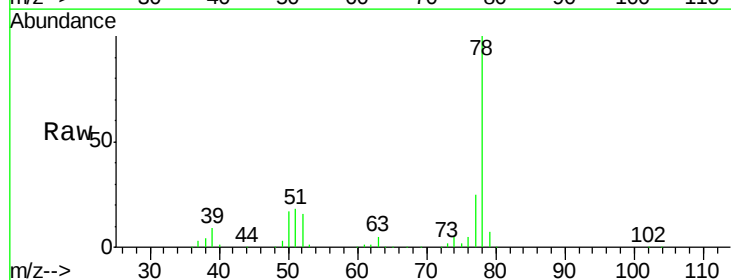
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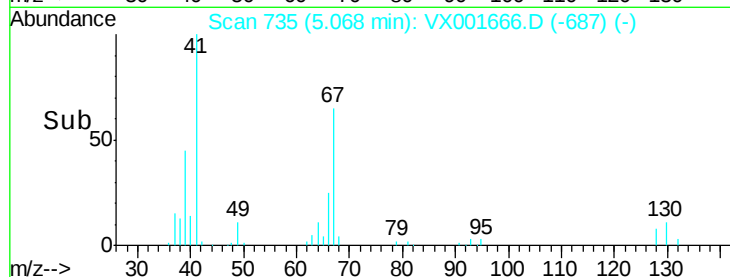
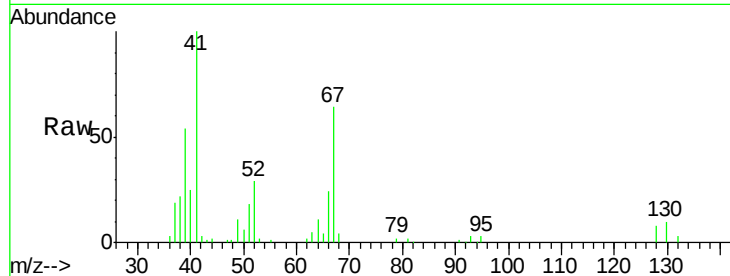
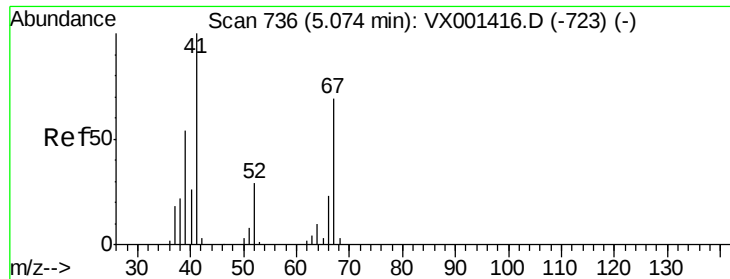
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#40
Benzene
Concen: 20.58 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.5	19.4	29.2	





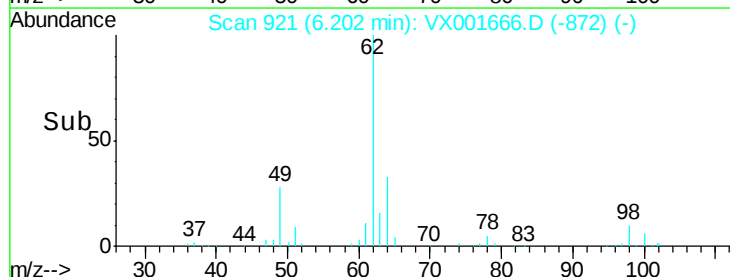
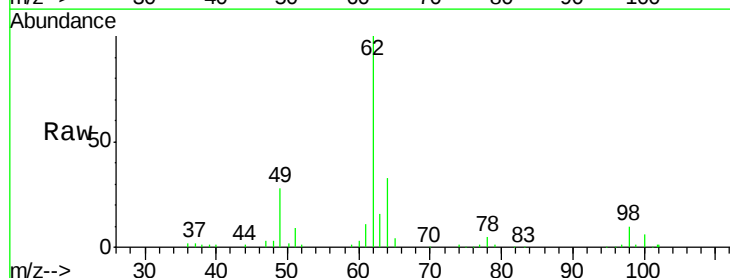
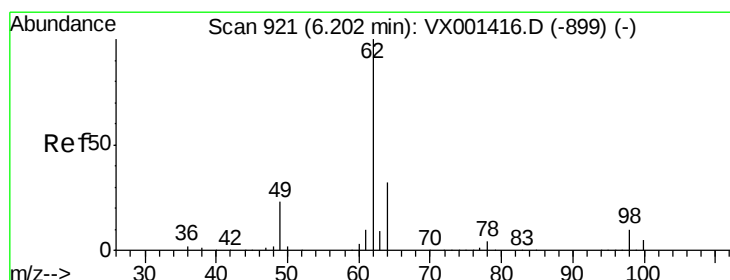
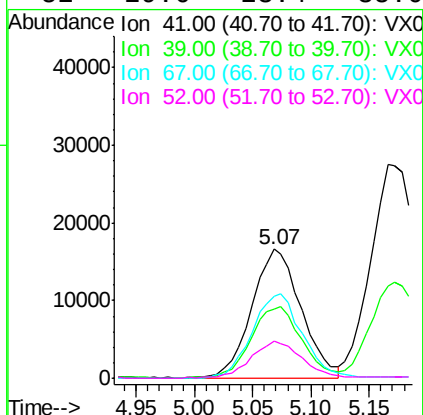
#41
Methacrylonitrile
Concen: 20.37 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	57.3	45.0	67.6		
67	67.3	55.0	82.6		
52	29.6	23.4	35.0		

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

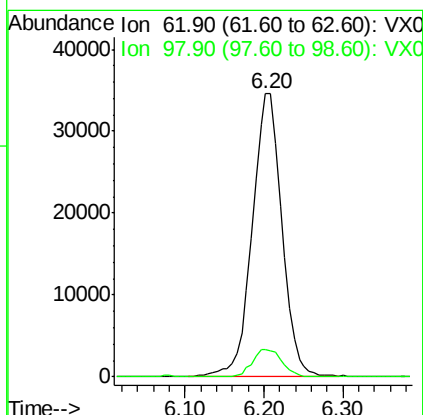
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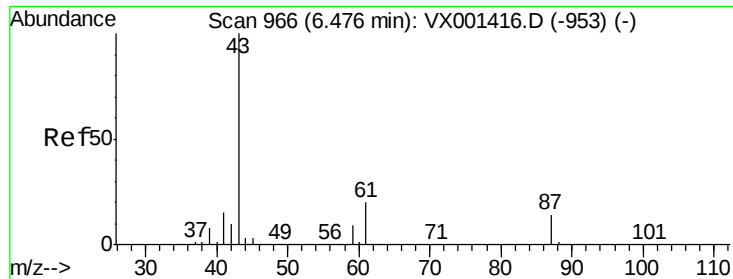
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#42
1,2-Dichloroethane
Concen: 21.08 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.7	0.0	19.0		





#43

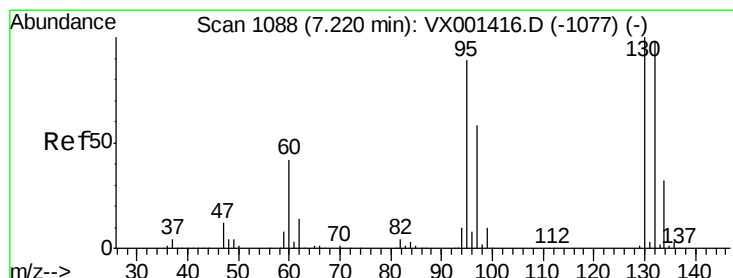
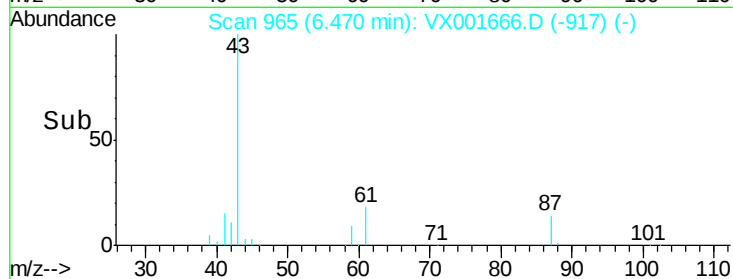
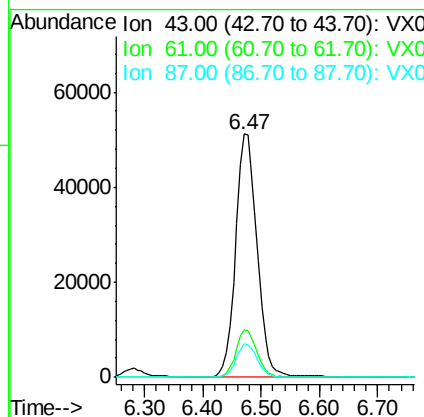
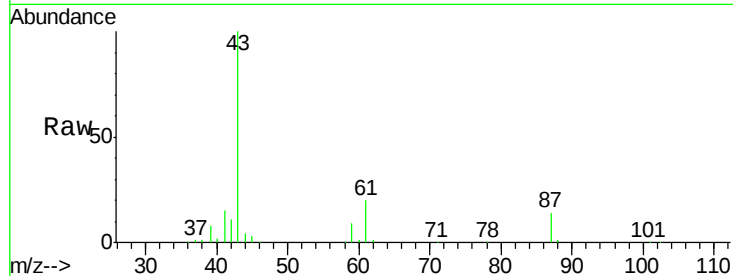
Isopropyl Acetate
 Concen: 20.28 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	13.5	10.8	16.2

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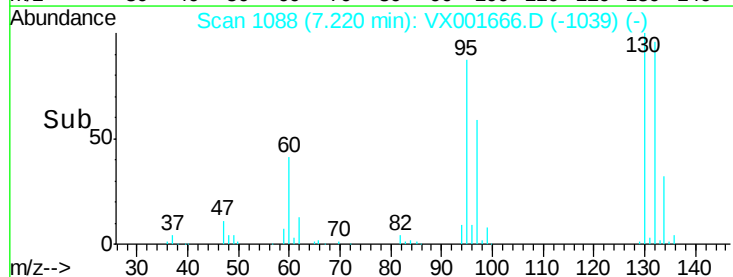
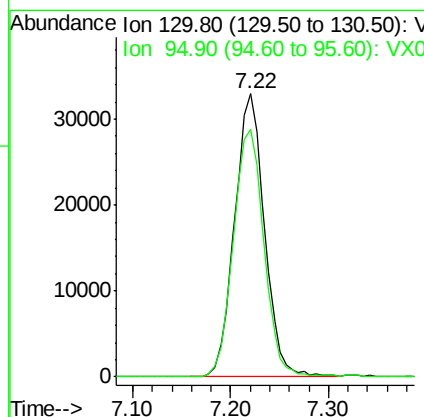
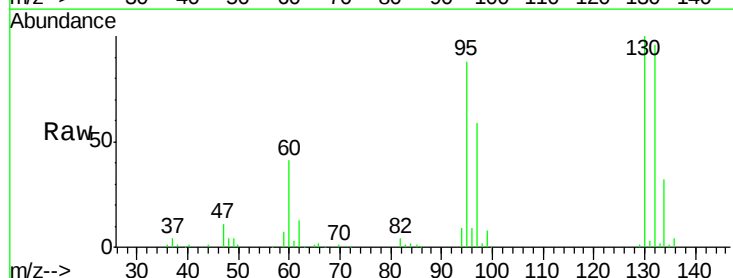
apatel
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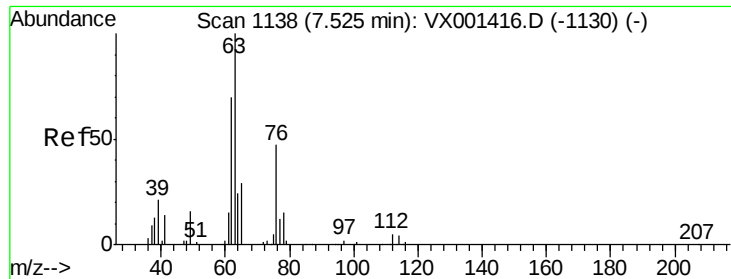


#44

Trichloroethene
 Concen: 20.39 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	178.4





#45

1,2-Dichloropropane

Concen: 21.05 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 63 Resp: 58845

Ion Ratio Lower Upper

63 100

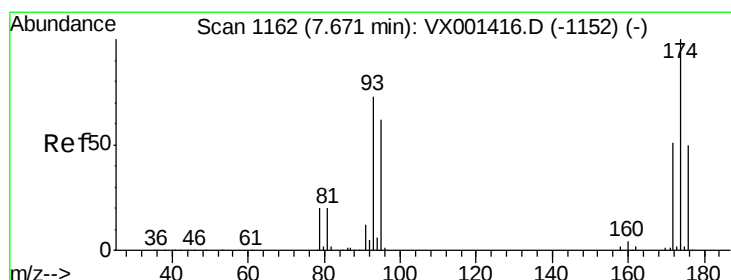
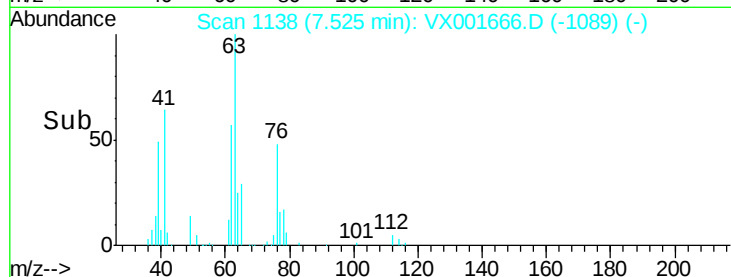
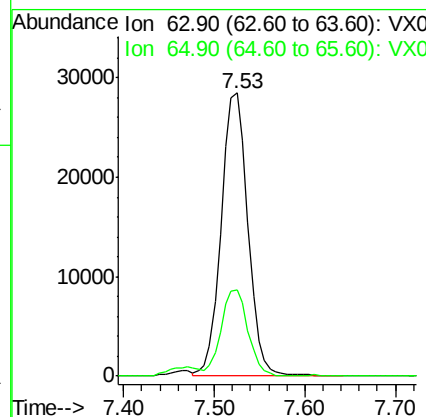
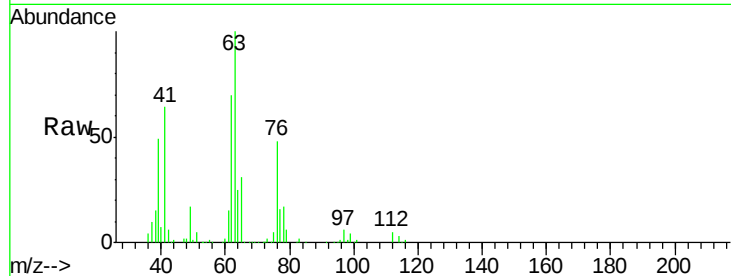
65 30.6 24.5 36.7

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#46

Dibromomethane

Concen: 20.49 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

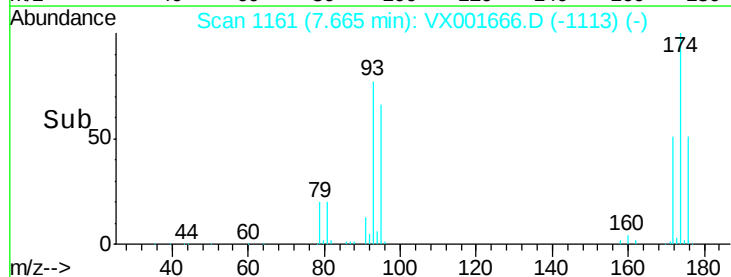
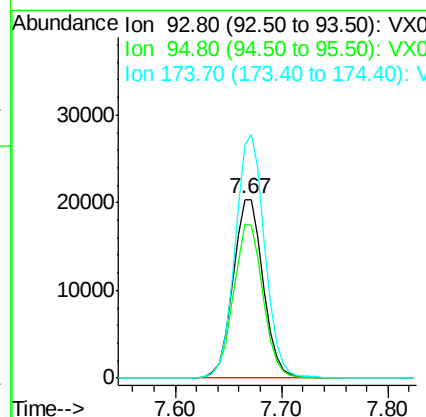
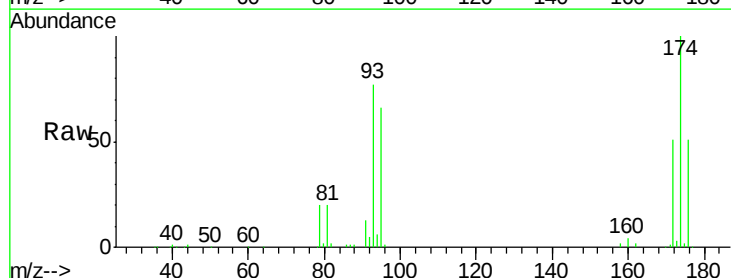
Tgt Ion: 93 Resp: 40539

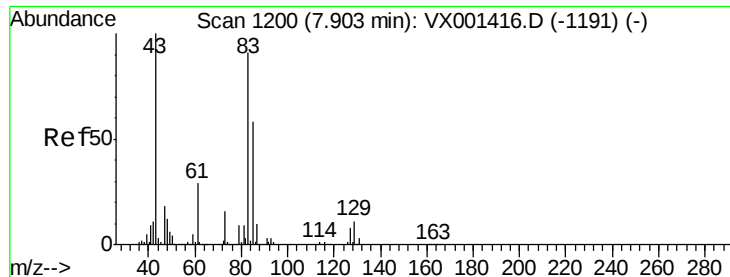
Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.4

174 133.4 104.5 156.7





#47

Bromodichloromethane

Concen: 21.15 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

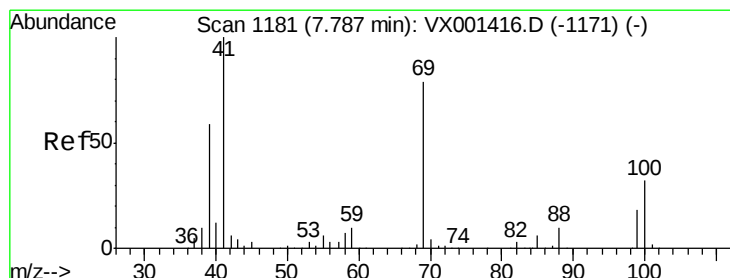
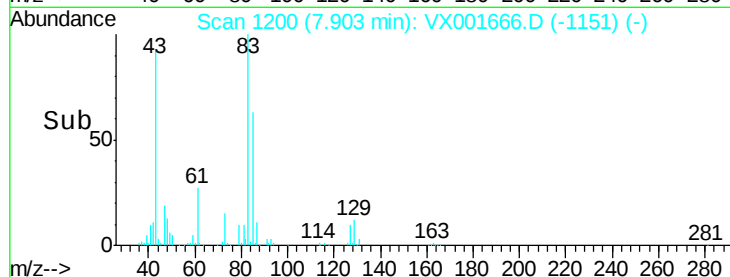
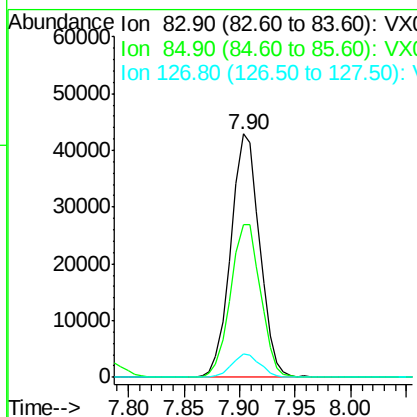
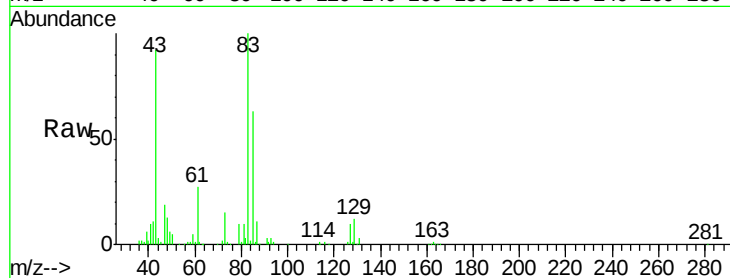
ClientSampleId :

VX0512WBSD01

Tot Ion:	83	Resp:	77444
Ion Ratio	Lower	Upper	
83	100		
85	62.6	51.0	76.6
127	9.6	7.4	11.2

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#48

Methyl methacrylate

Concen: 19.72 ug/l

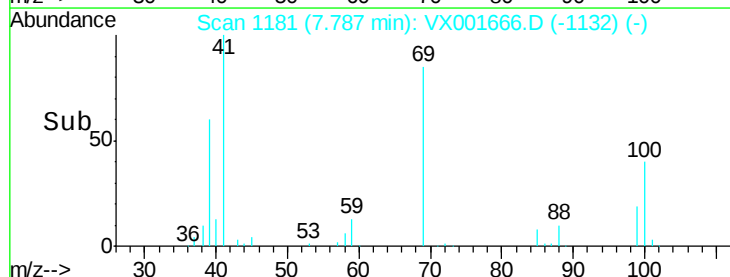
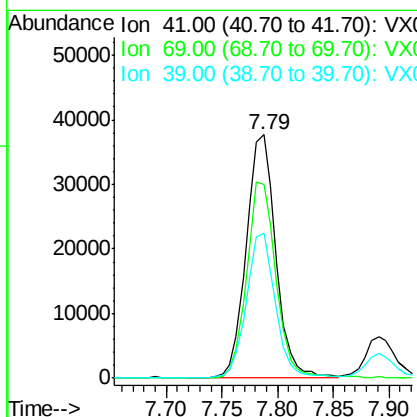
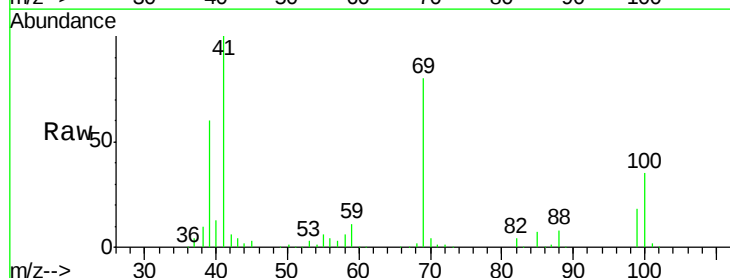
RT: 7.79 min Scan# 1181

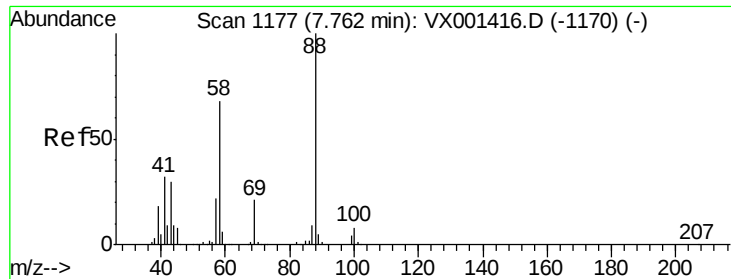
Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion:	41	Resp:	69346
Ion Ratio	Lower	Upper	
41	100		
69	80.9	63.4	95.2
39	58.2	47.0	70.4





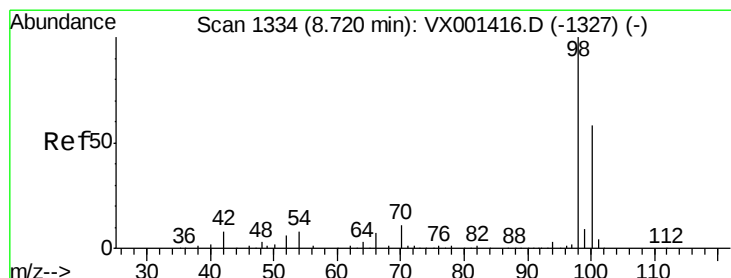
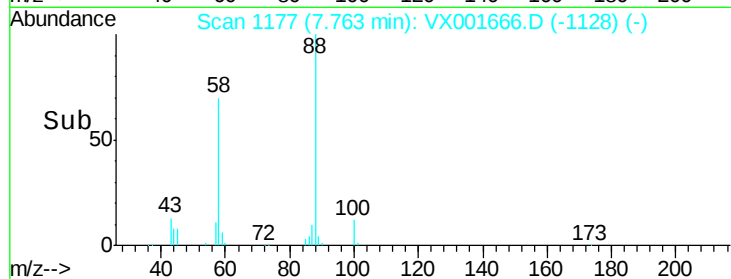
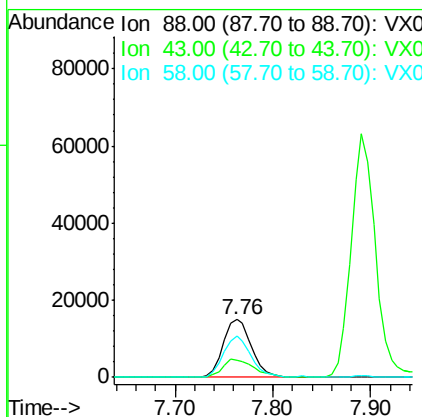
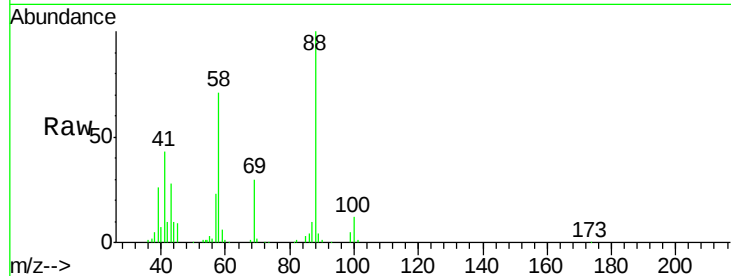
#49
1,4-Dioxane
Concen: 398.19 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	30256		
43	36.0		26.4	39.6
58	68.4		54.1	81.1

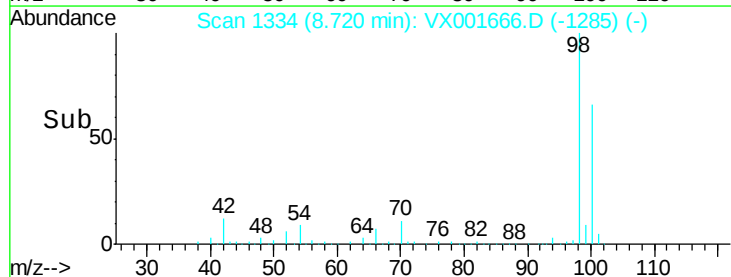
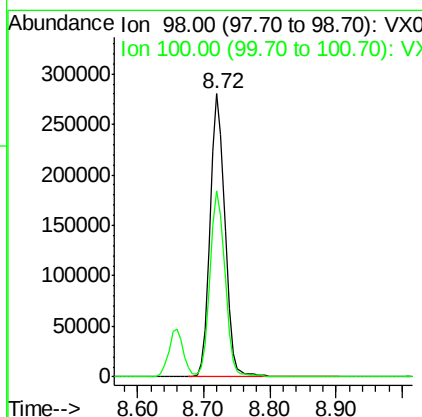
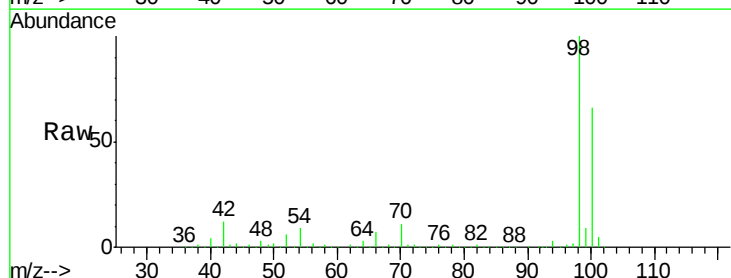
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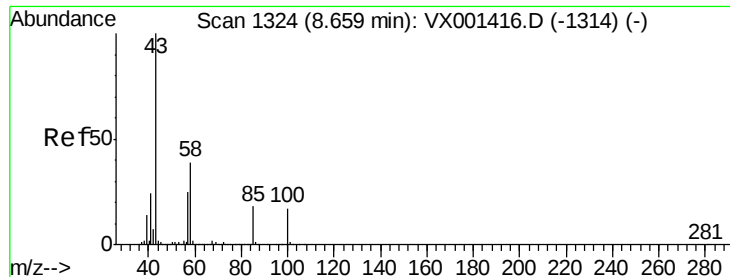
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#50
Toluene-d8
Concen: 44.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	438353		
100	66.8		54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 104.97 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 43 Resp: 450529

Ion Ratio Lower Upper

43 100

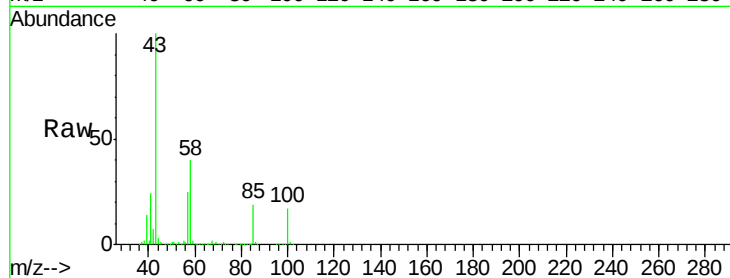
58 38.1 30.8 46.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

300000

250000

200000

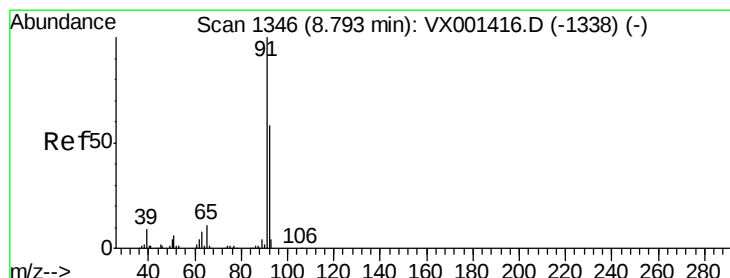
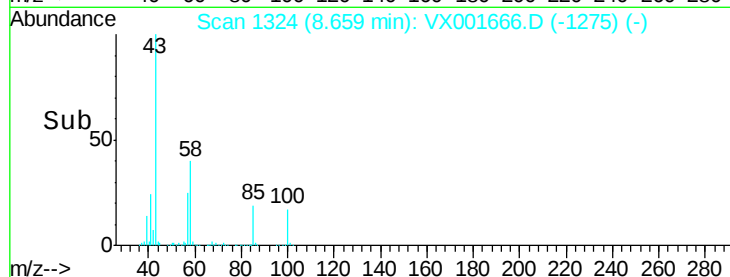
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.62 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001666.D

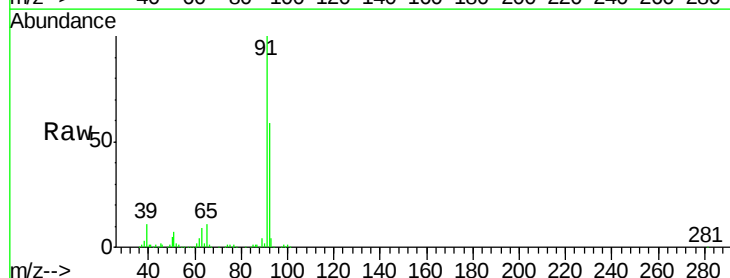
Acq: 12 May 2018 14:56

Tgt Ion: 92 Resp: 151155

Ion Ratio Lower Upper

92 100

91 170.4 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

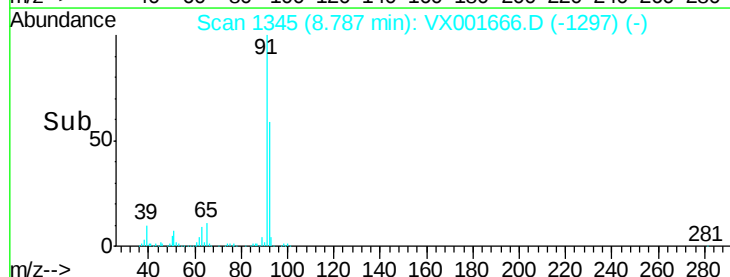
150000

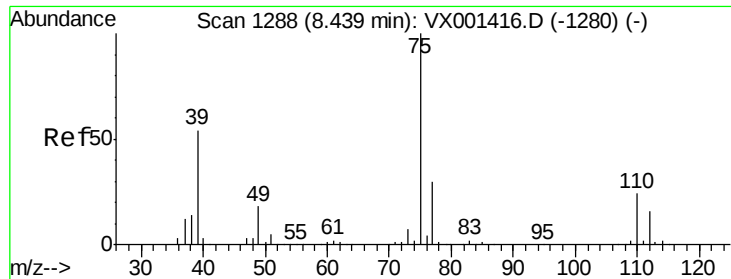
100000

50000

0

Time-->





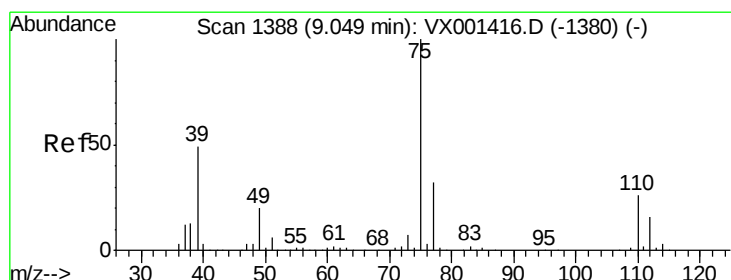
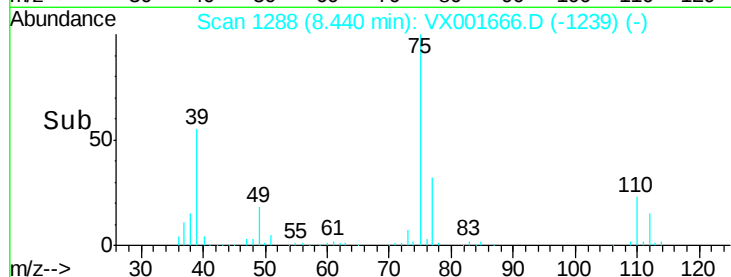
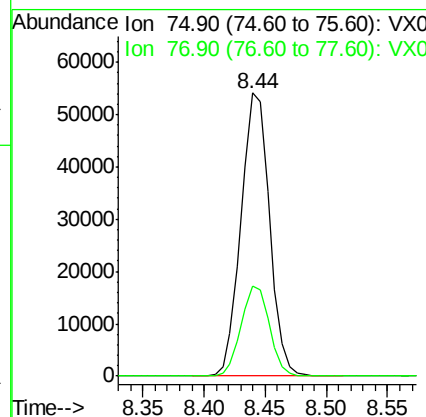
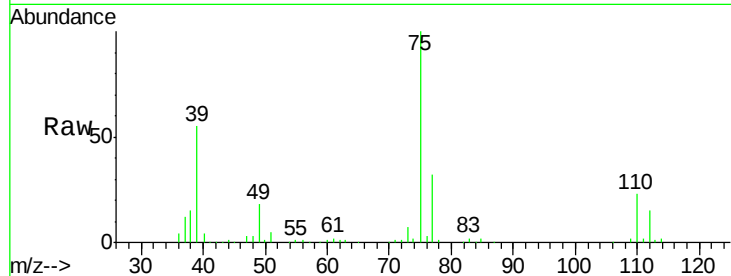
#53
 t-1,3-Dichloropropene
 Concen: 21.15 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

Tot Ion: 75 Resp: 87534
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4

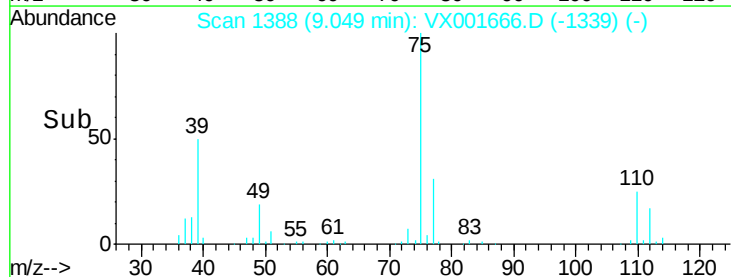
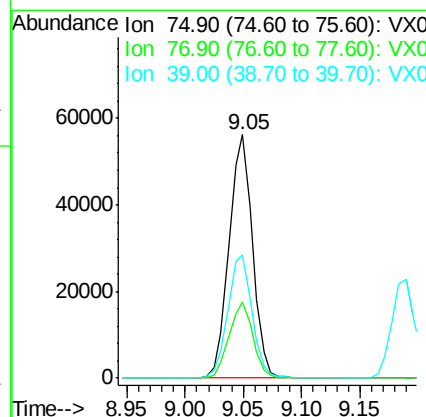
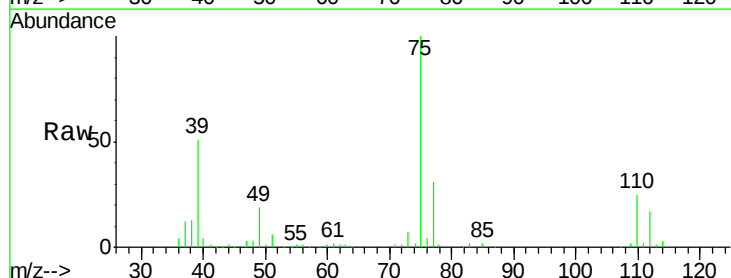
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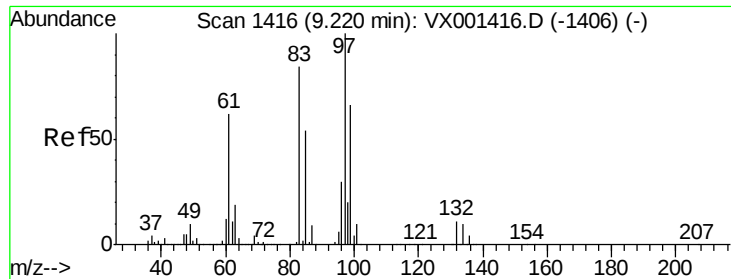
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#54
 cis-1,3-Dichloropropene
 Concen: 19.78 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion: 75 Resp: 78484
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 50.6 38.9 58.3





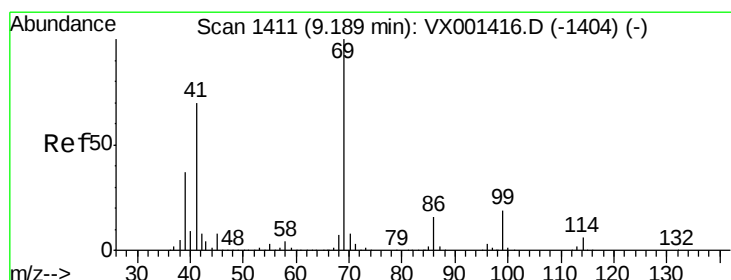
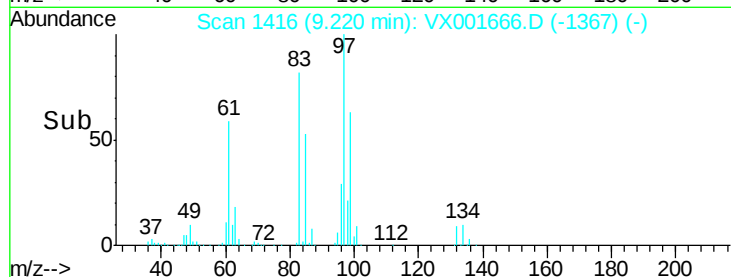
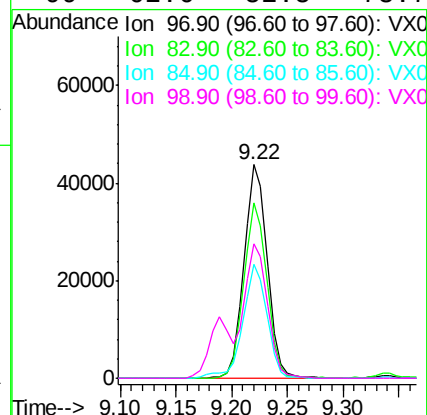
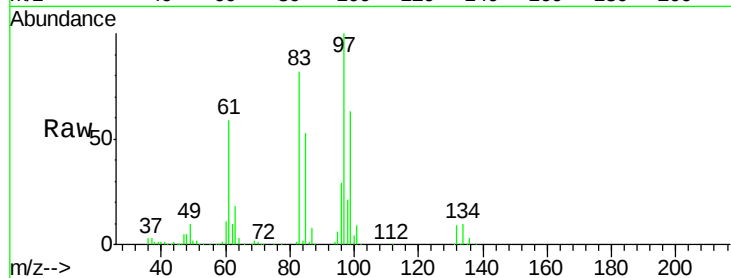
#55
 1,1,2-Trichloroethane
 Concen: 21.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.4	101.0
85	53.3	43.3	64.9
99	62.6	52.5	78.7

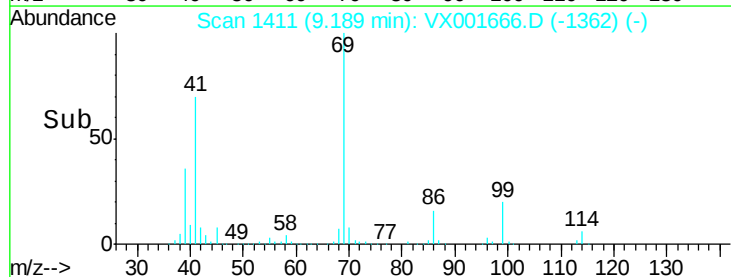
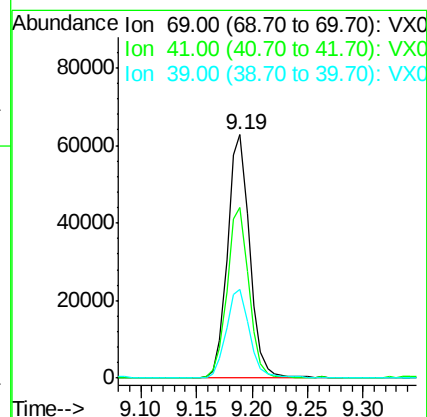
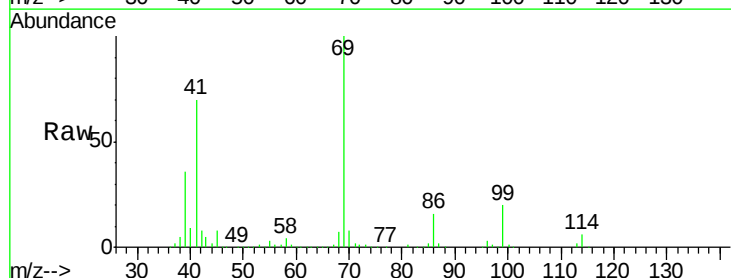
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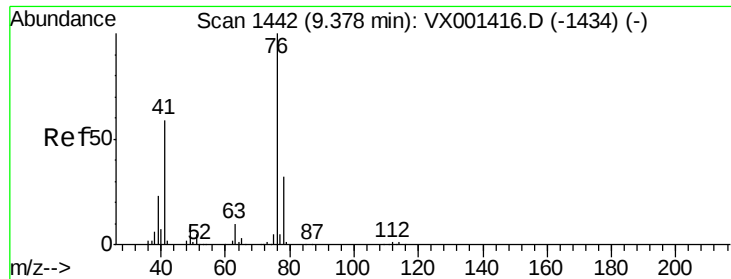
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#56
 Ethyl methacrylate
 Concen: 20.34 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.1	82.7
39	37.9	29.9	44.9





#57

1,3-Dichloropropane

Concen: 20.81 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 76 Resp: 101597

Ion Ratio Lower Upper

76 100

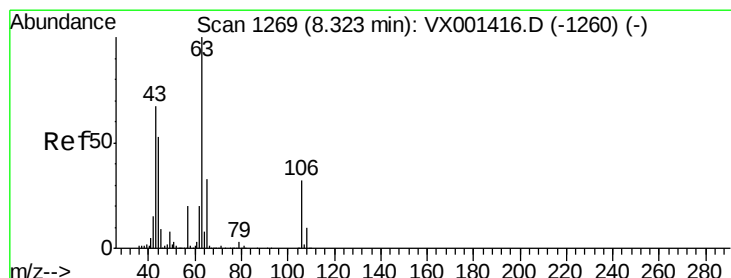
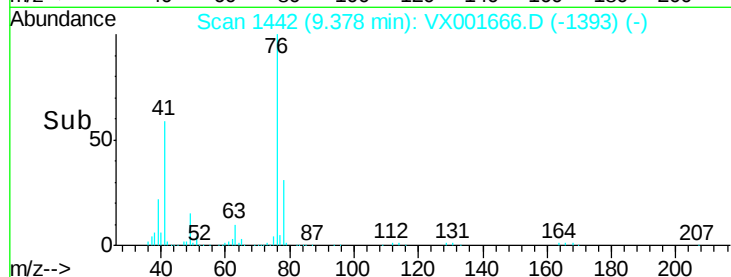
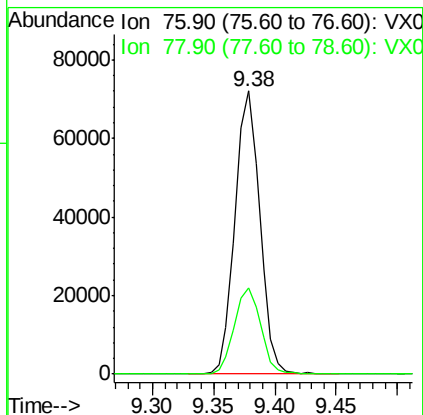
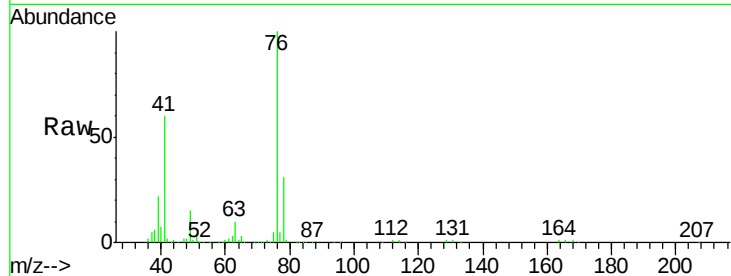
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 107.33 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001666.D

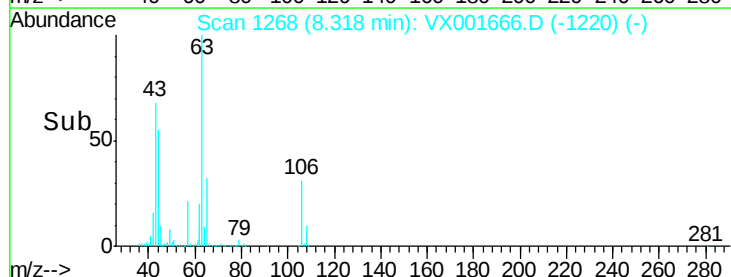
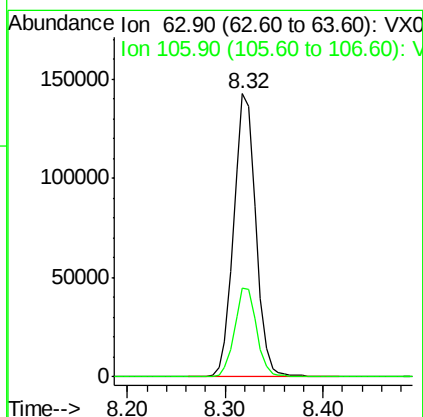
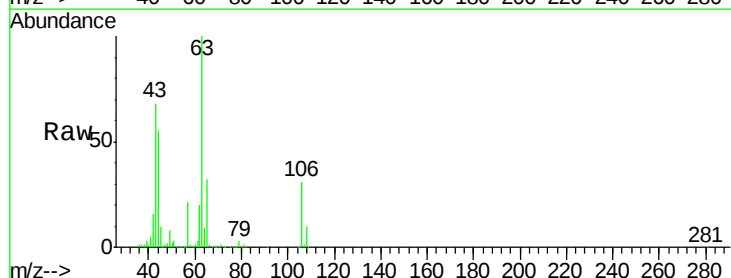
Acq: 12 May 2018 14:56

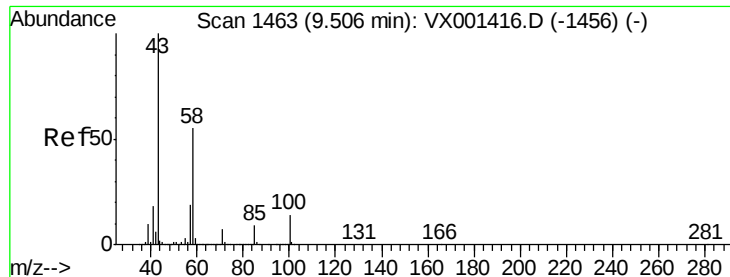
Tgt Ion: 63 Resp: 224108

Ion Ratio Lower Upper

63 100

106 31.4 25.4 38.0





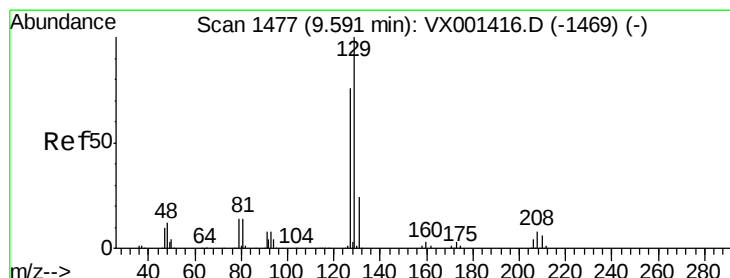
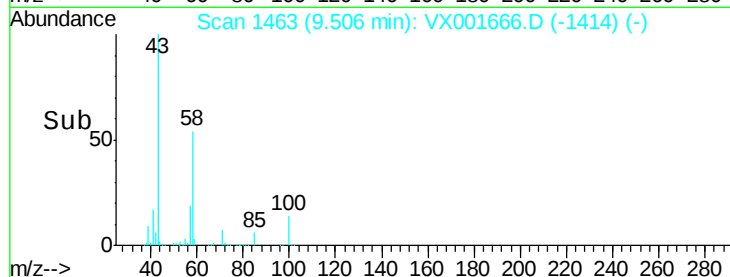
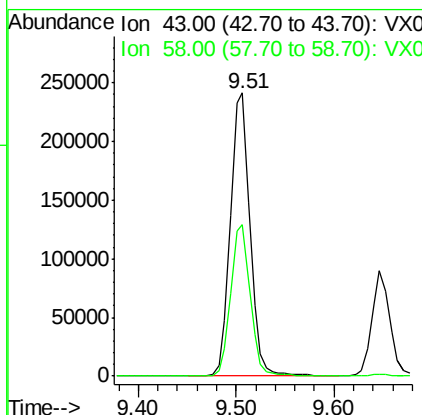
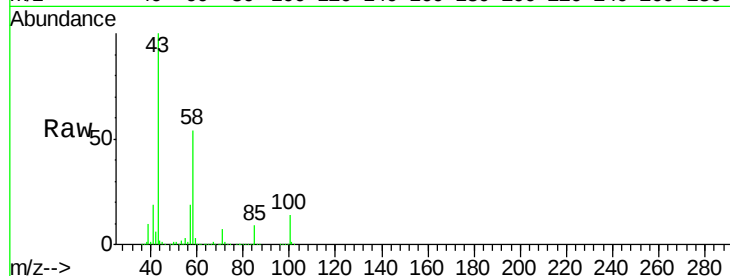
#59
2-Hexanone
Concen: 102.47 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion: 43 Resp: 336778
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.2

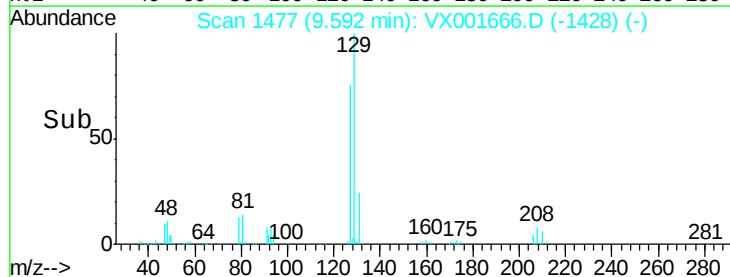
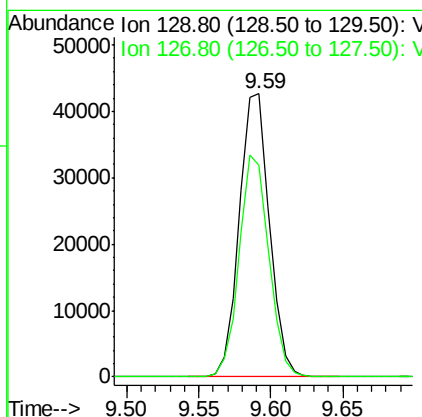
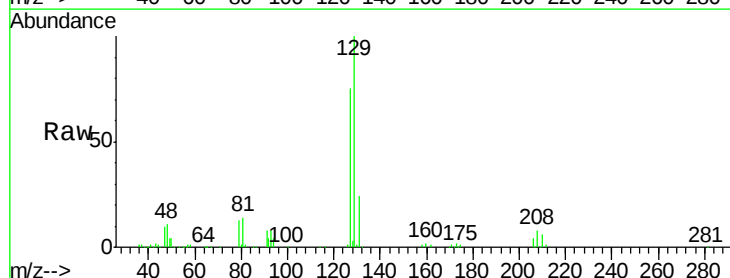
Manual Integrations
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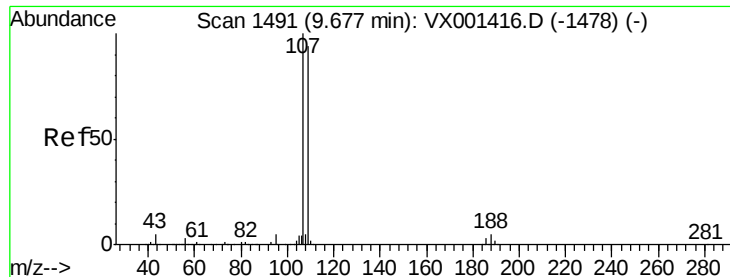
apatel
5/15/2018 6:31:47 PM



#60
Dibromochloromethane
Concen: 20.54 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion: 129 Resp: 62110
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.40 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion:107 Resp: 63243

Ion Ratio Lower Upper

107 100

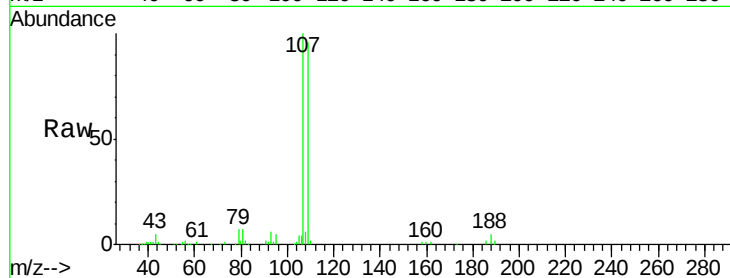
109 95.1 75.5 113.3

Manual Integrations

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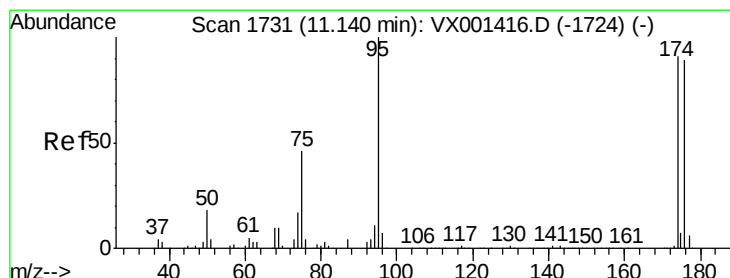
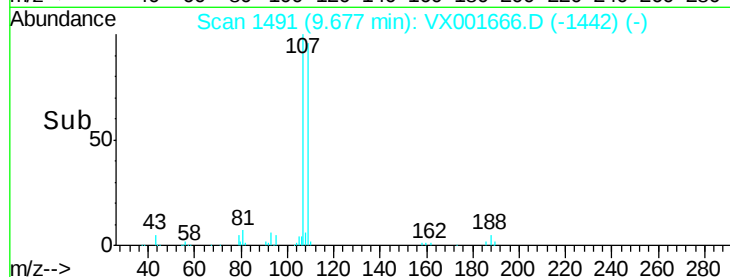
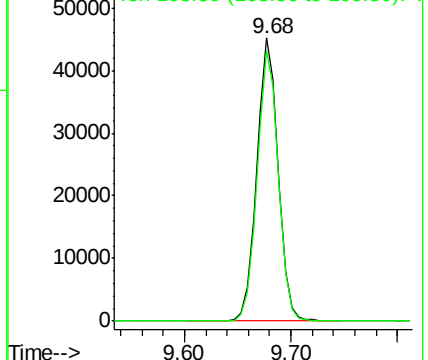
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

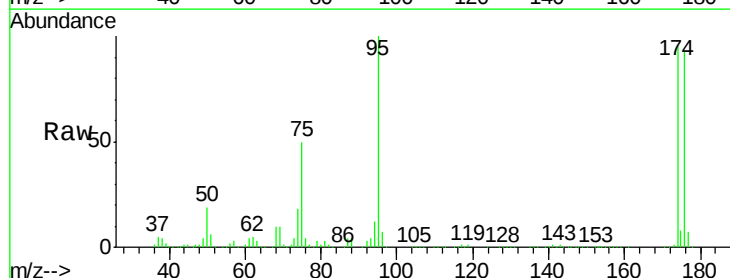
Tgt Ion: 95 Resp: 163140

Ion Ratio Lower Upper

95 100

174 101.9 0.0 202.0

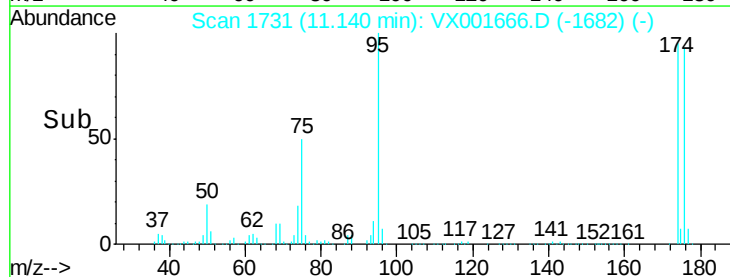
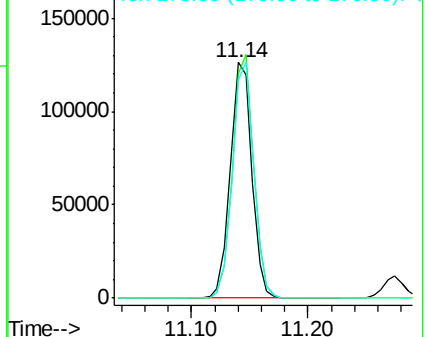
176 99.2 0.0 197.4

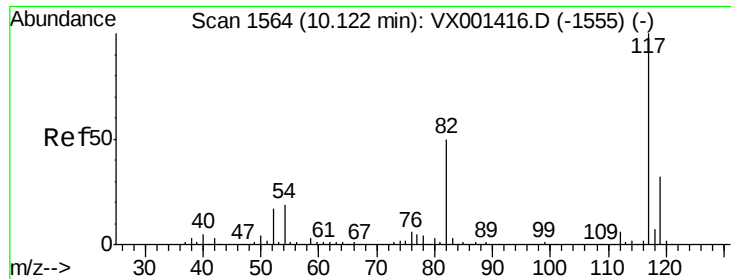


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





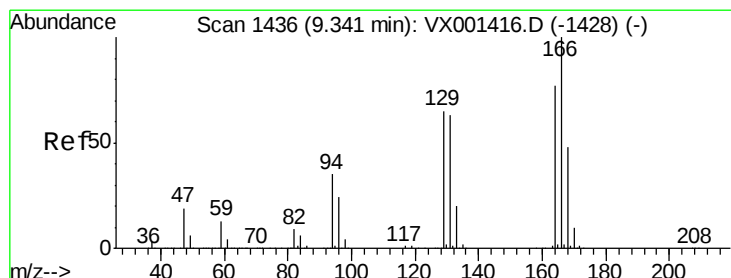
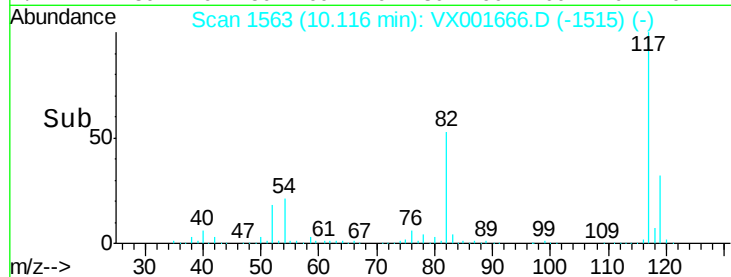
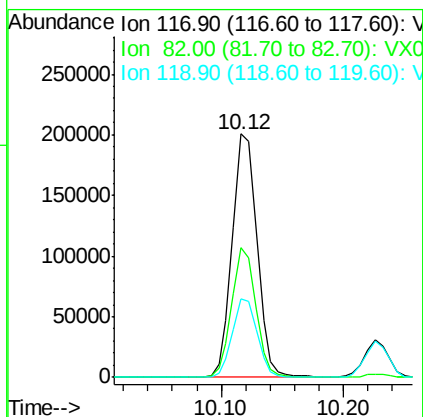
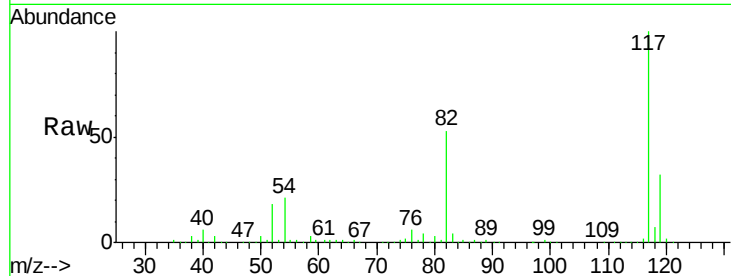
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.0	60.0
119	32.1	25.8	38.8

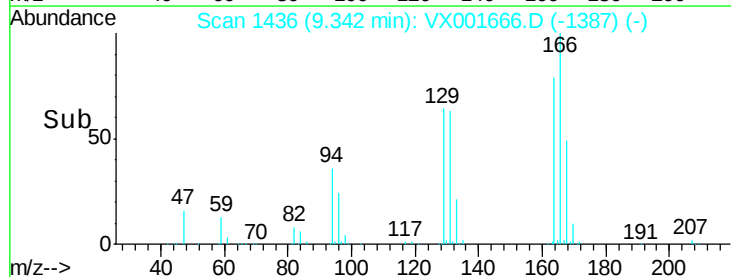
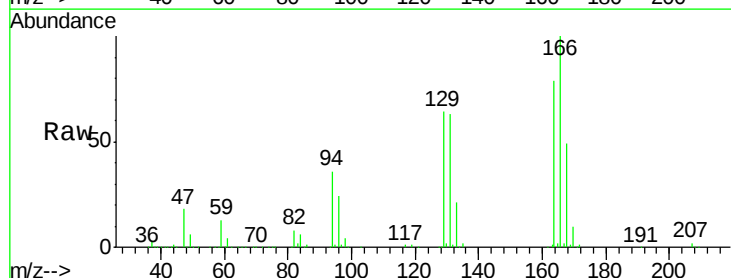
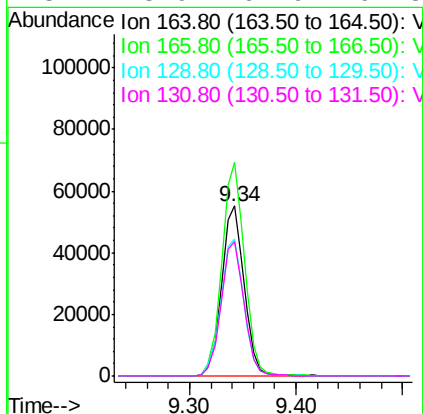
Manual Integrations
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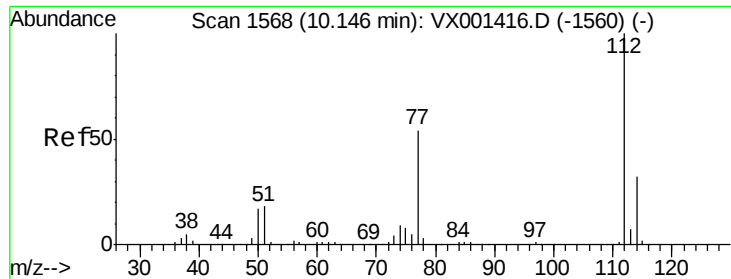
apatel
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#64
Tetrachloroethene
Concen: 20.76 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	103.5	155.3
129	80.9	66.7	100.1
131	78.9	64.9	97.3





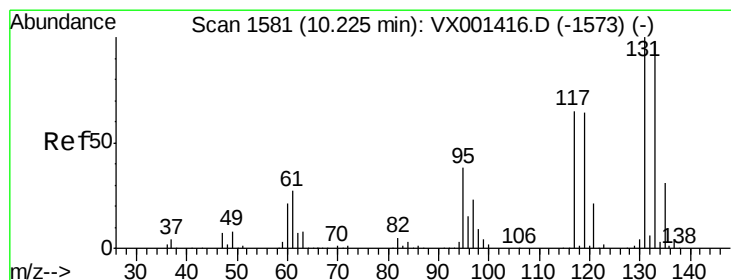
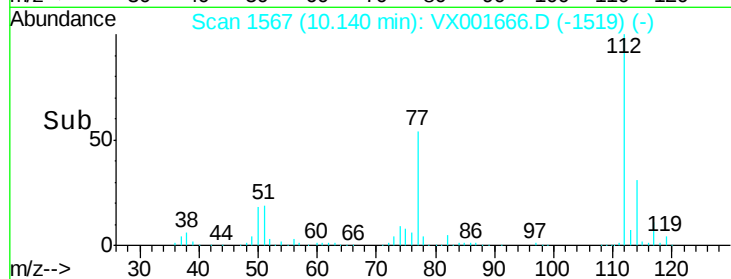
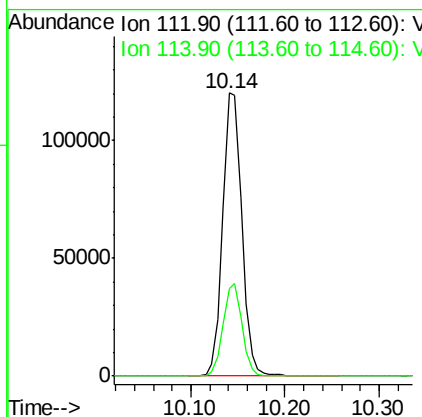
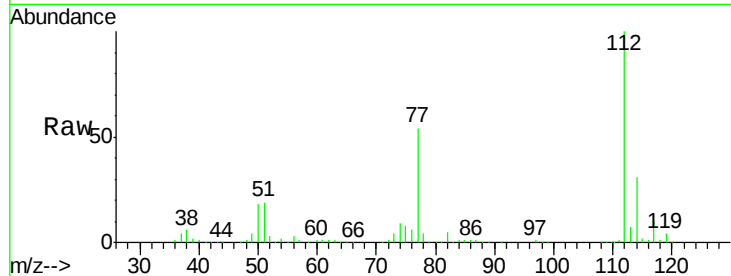
#65
Chlorobenzene
Concen: 20.60 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion:112 Resp: 170332
Ion Ratio Lower Upper
112 100
114 30.8 26.0 39.0

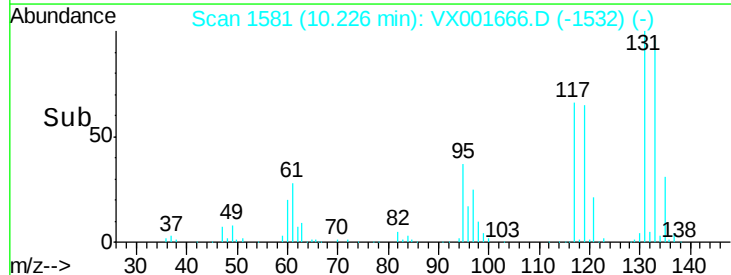
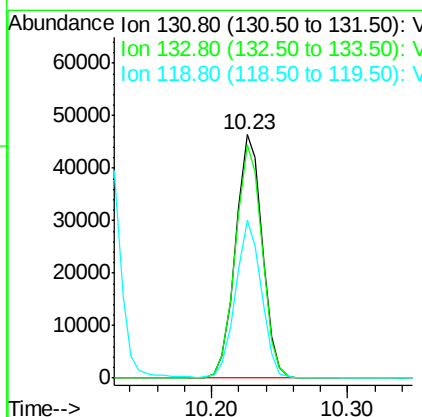
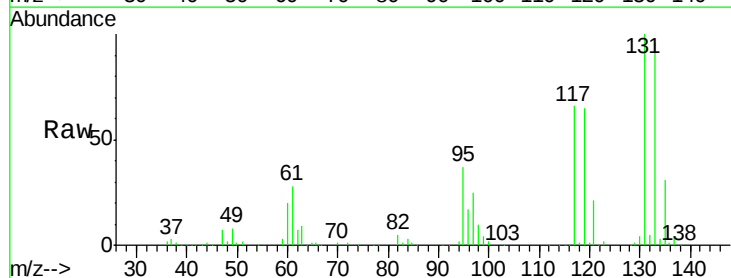
Manual Integrations
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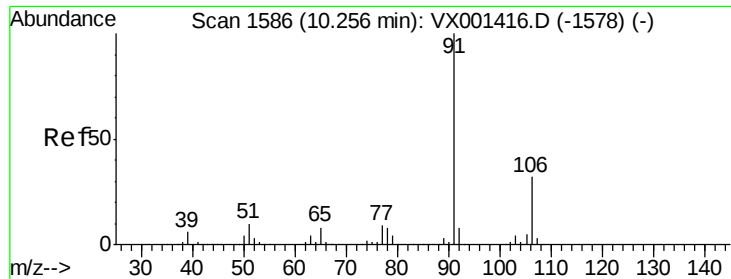
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.39 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion:131 Resp: 63273
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.8
119 63.0 31.1 93.3





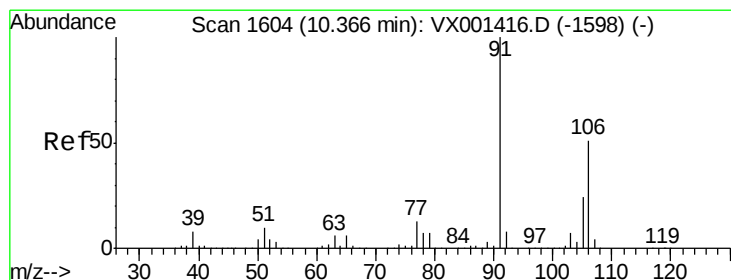
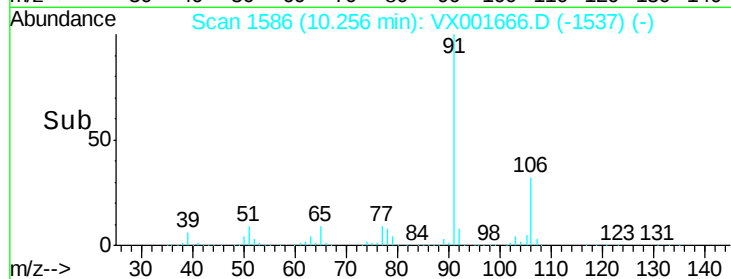
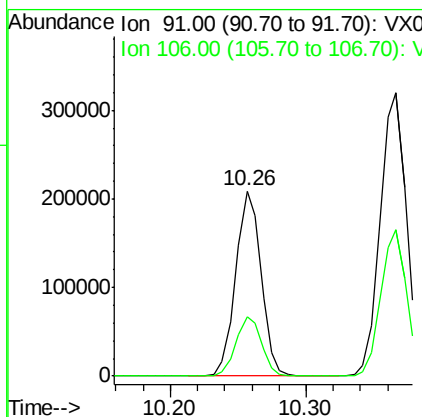
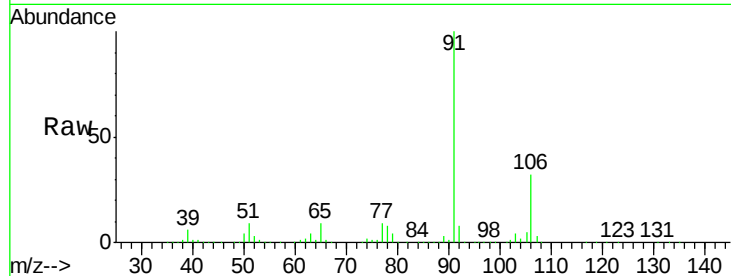
#67
Ethyl Benzene
Concen: 20.09 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampled :
VX0512WBSD01

Tot Ion: 91 Resp: 272392
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

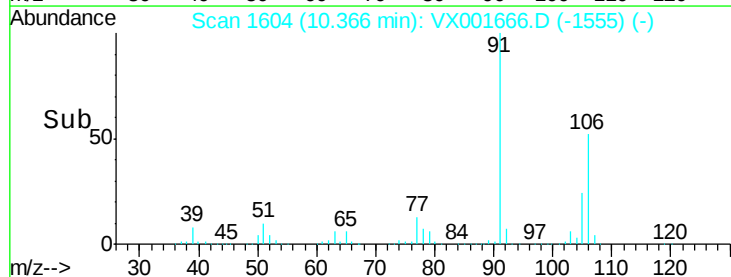
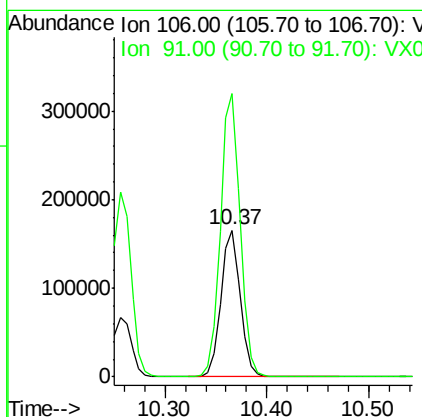
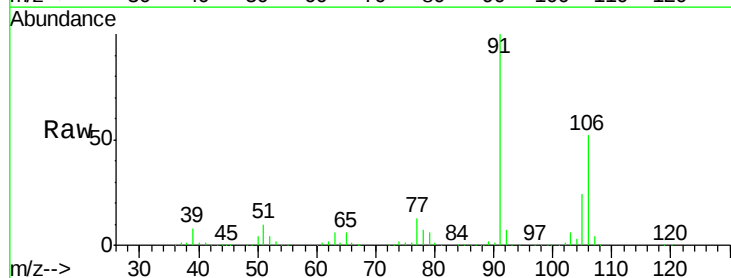
Manual Integrations
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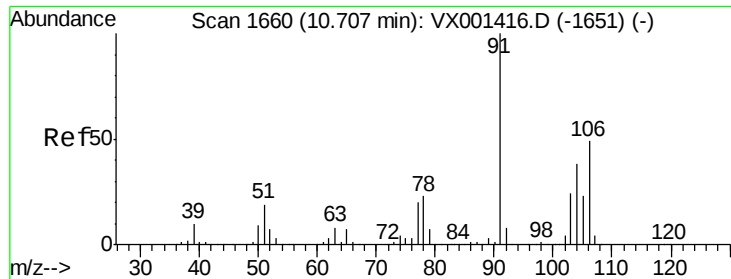
apatel
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#68
m/p-Xylenes
Concen: 40.86 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion: 106 Resp: 218836
Ion Ratio Lower Upper
106 100
91 197.5 157.5 236.3





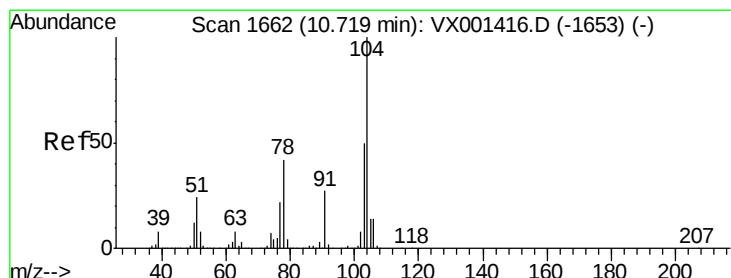
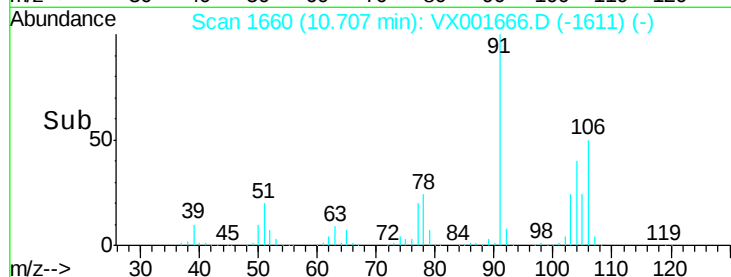
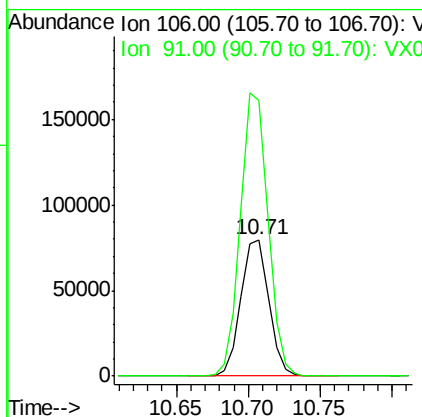
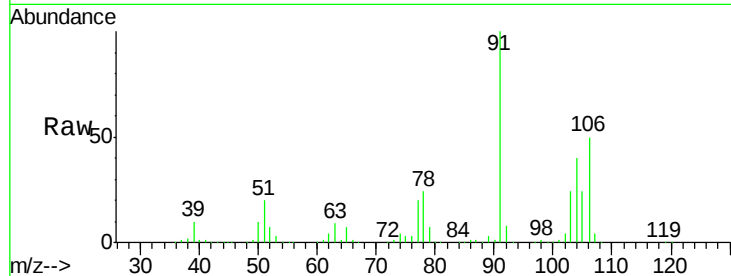
#69
o-Xylene
Concen: 20.71 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampled :
VX0512WBSD01

Tot Ion:106 Resp: 107790
Ion Ratio Lower Upper
106 100
91 206.1 103.1 309.1

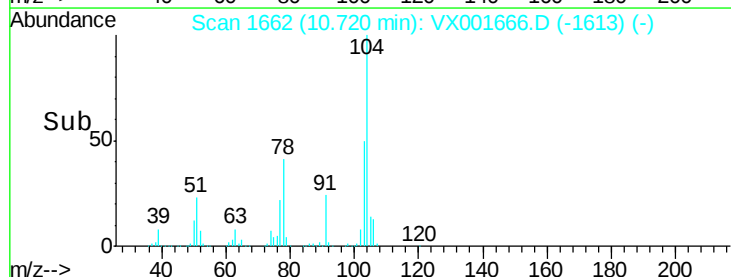
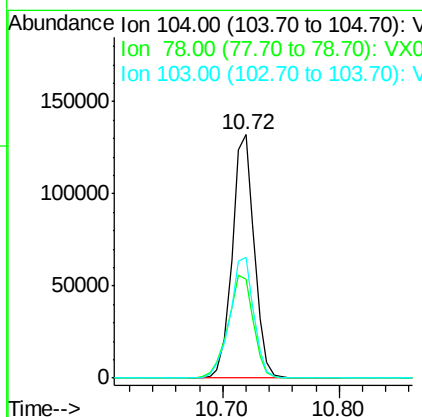
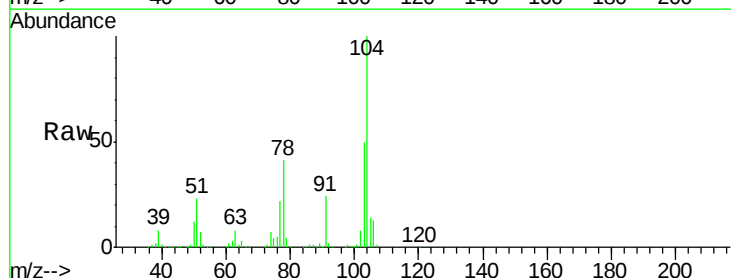
Manual Integrations
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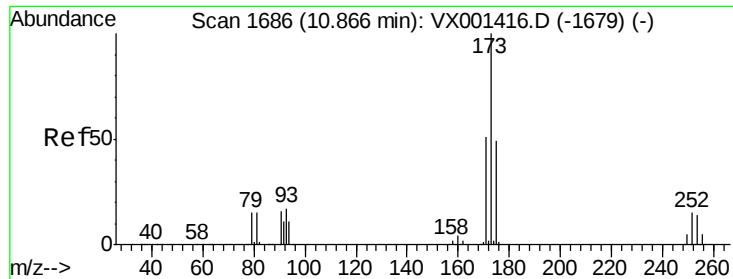
apatel
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#70
Styrene
Concen: 20.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion:104 Resp: 174298
Ion Ratio Lower Upper
104 100
78 48.5 38.6 58.0
103 54.5 44.0 66.0





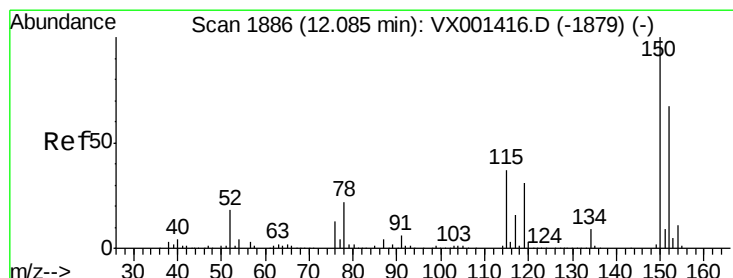
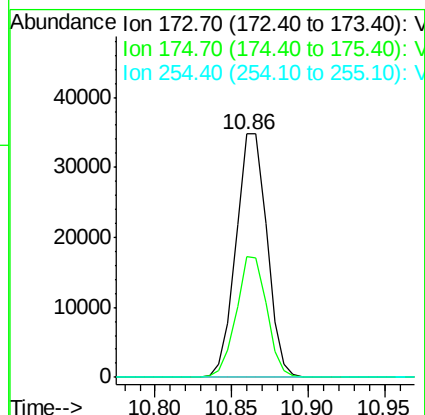
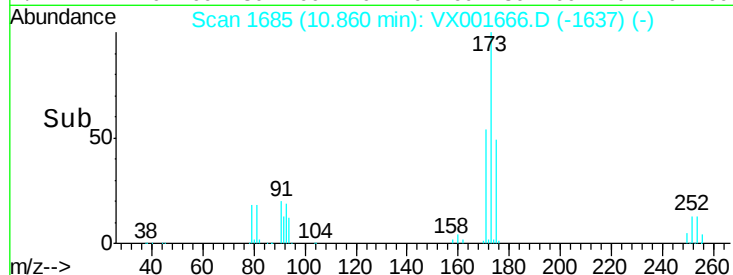
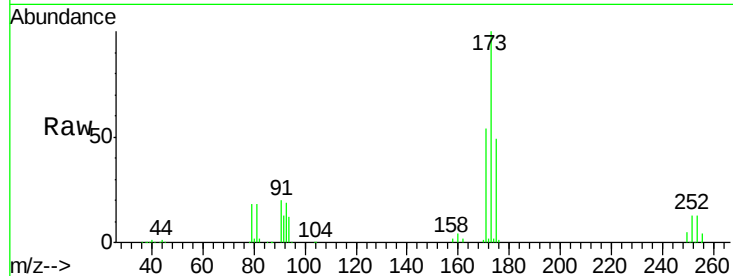
#71
Bromoform
Concen: 19.54 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion:173 Resp: 48930
Ion Ratio Lower Upper
173 100
175 48.4 24.5 73.5
254 0.2 0.2 0.2

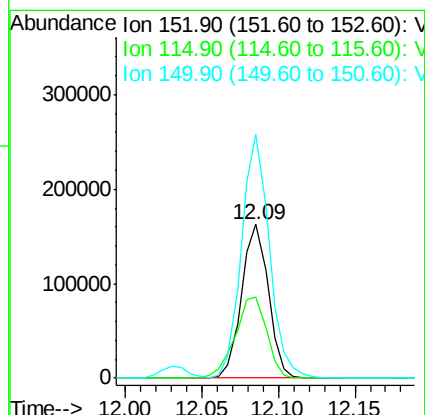
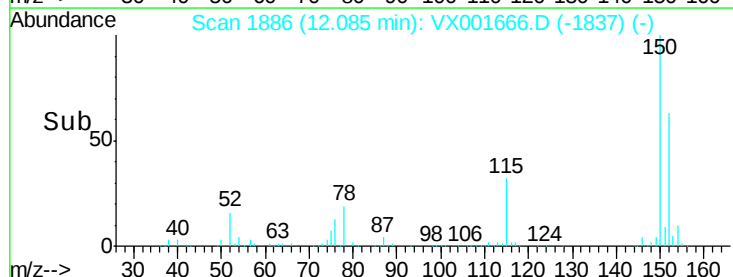
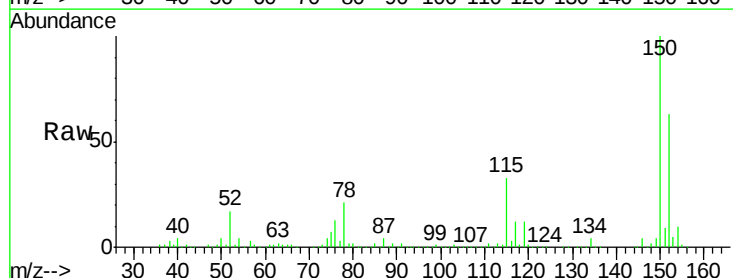
Manual Integrations
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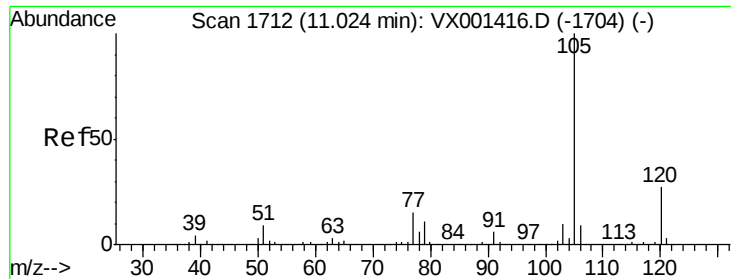
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion:152 Resp: 197443
Ion Ratio Lower Upper
152 100
115 62.1 37.7 113.1
150 165.1 0.0 349.4





#73

Isopropylbenzene

Concen: 21.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampled :

VX0512WBSD01

Tot Ion: 105 Resp: 291771

Ion Ratio Lower Upper

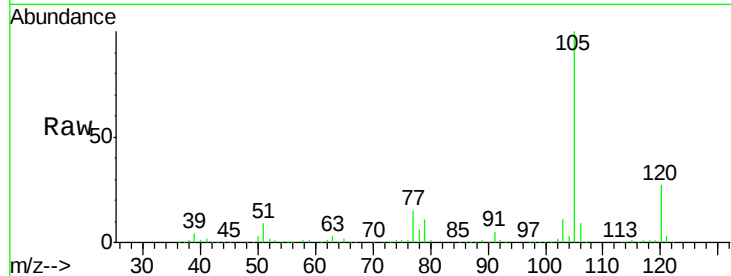
105 100

120 26.7 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

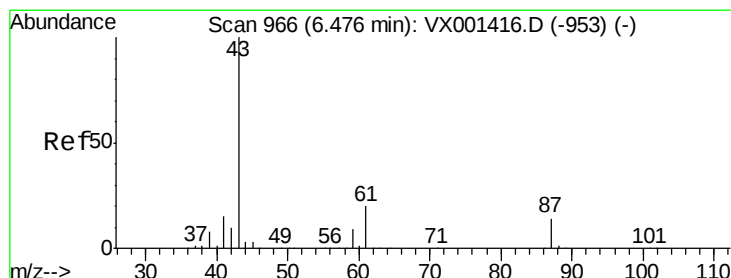
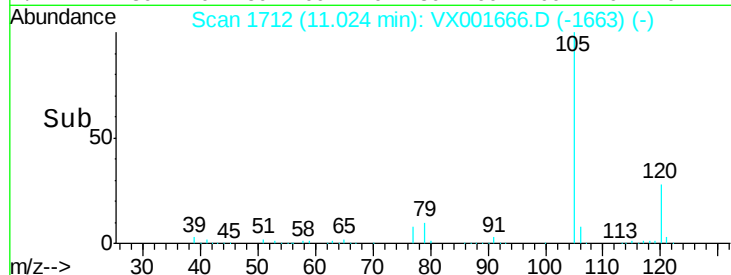
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 21.10 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion: 43 Resp: 130985

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.2 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

80000

60000

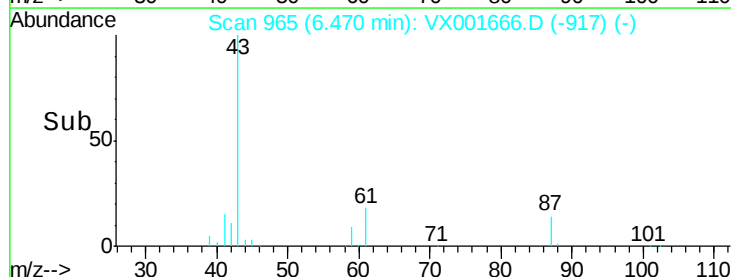
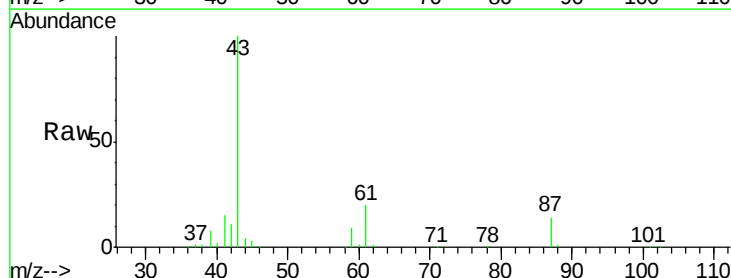
40000

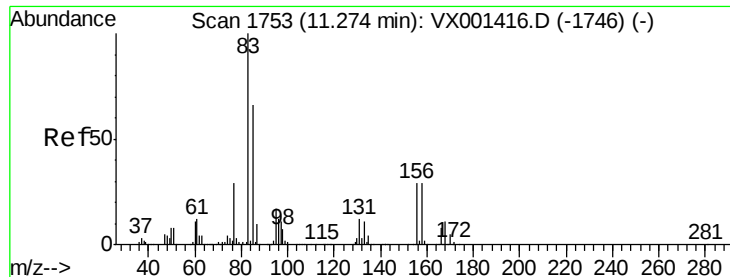
20000

0

6.30 6.40 6.50 6.60 6.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 83 Resp: 87483

Ion Ratio Lower Upper

83 100

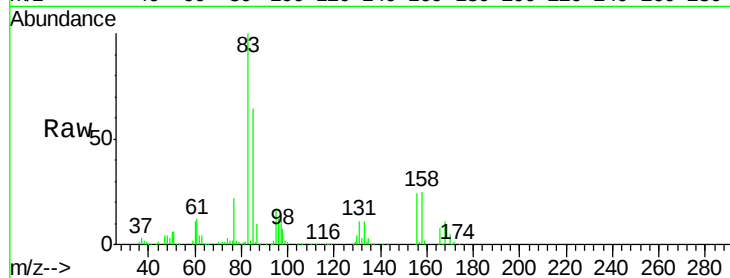
131 11.1 5.8 17.4

85 63.8 32.7 98.1

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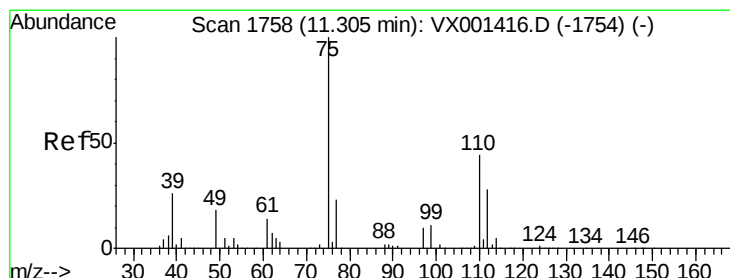
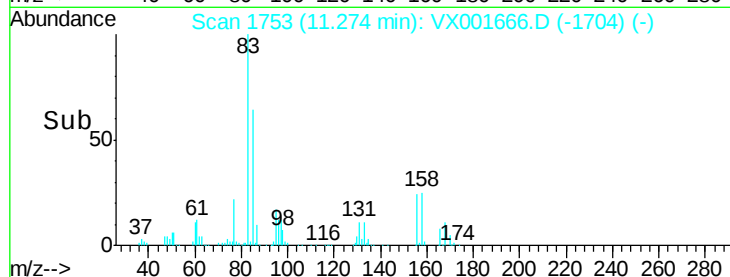
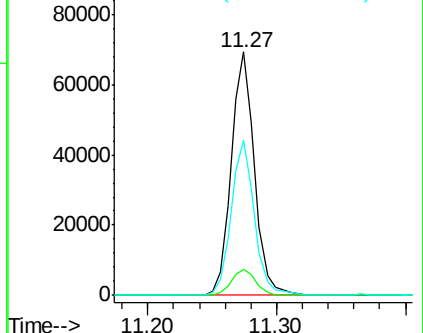
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.17 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001666.D

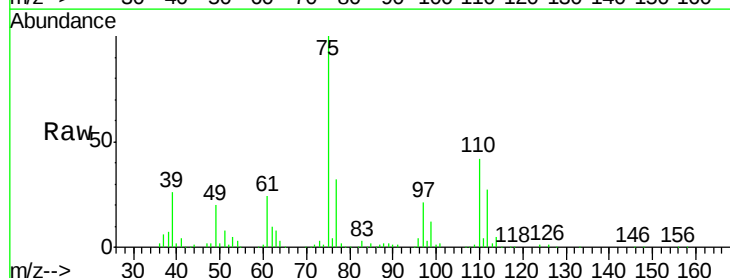
Acq: 12 May 2018 14:56

Tgt Ion: 75 Resp: 84769

Ion Ratio Lower Upper

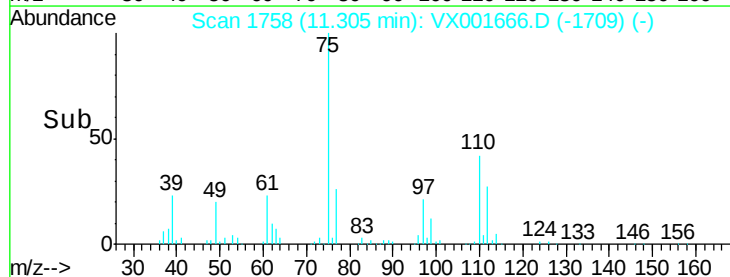
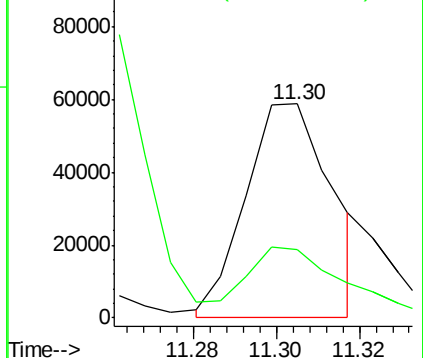
75 100

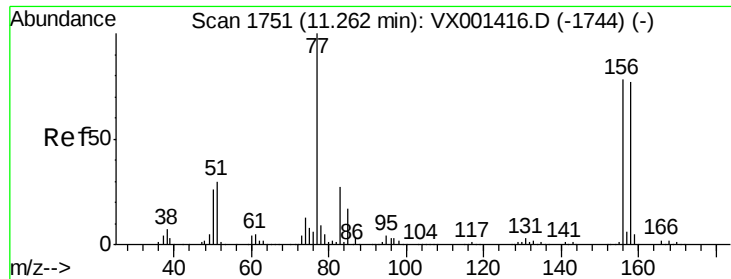
77 38.8 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.88 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion:156 Resp: 82993

Ion Ratio Lower Upper

156 100

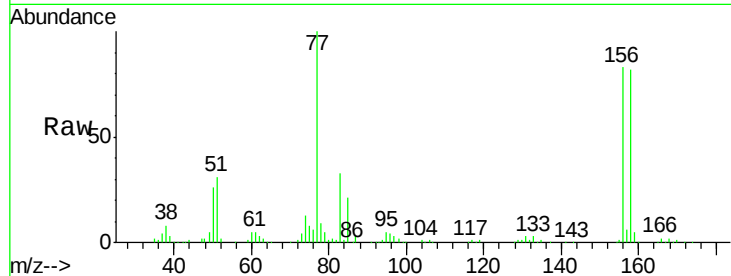
77 129.5 66.0 198.2

158 97.7 49.4 148.2

Manual Integrations
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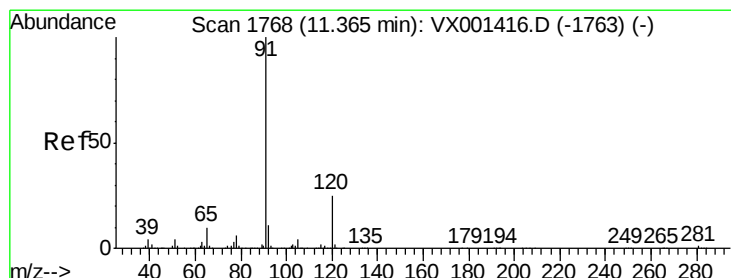
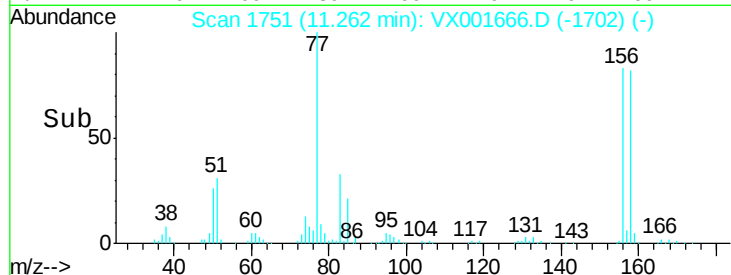
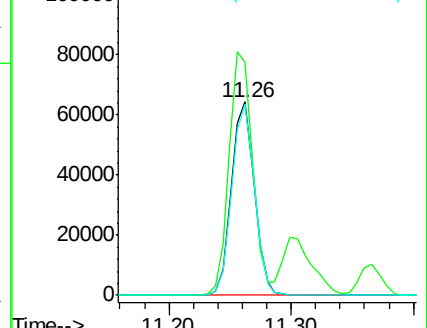
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.26 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001666.D

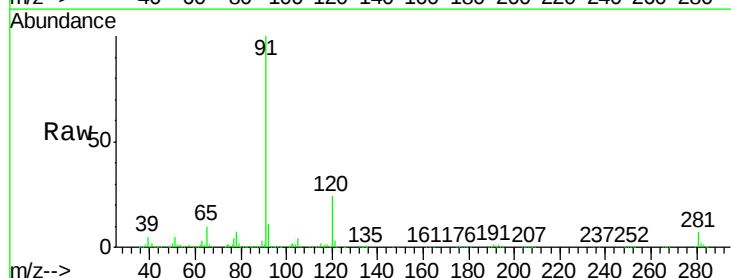
Acq: 12 May 2018 14:56

Tgt Ion: 91 Resp: 316466

Ion Ratio Lower Upper

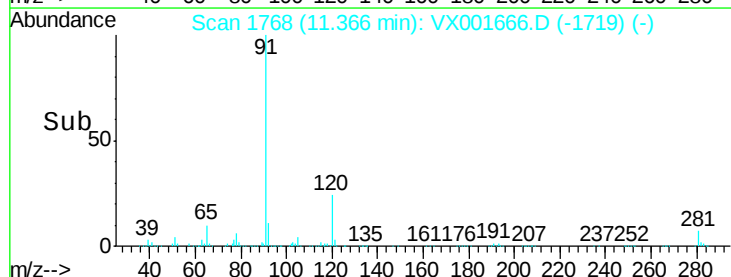
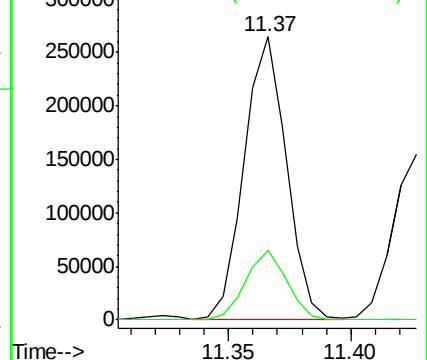
91 100

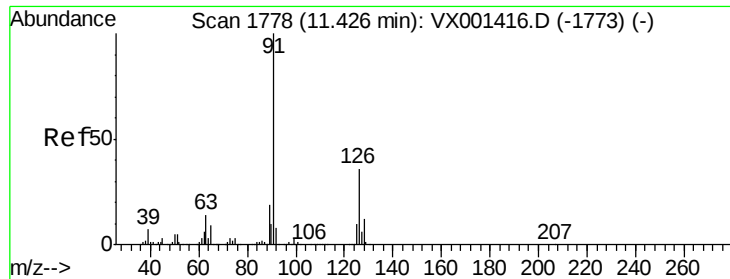
120 24.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.02 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 91 Resp: 192504

Ion Ratio Lower Upper

91 100

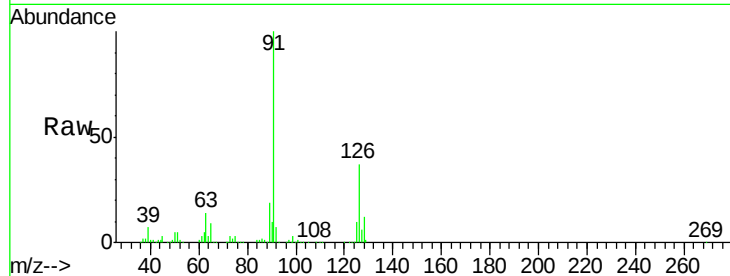
126 37.1 18.1 54.4

Manual Integrations

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

Ion 125.90 (125.60 to 126.60): VX001416.D (-1773) (-)

300000

250000

200000

150000

100000

50000

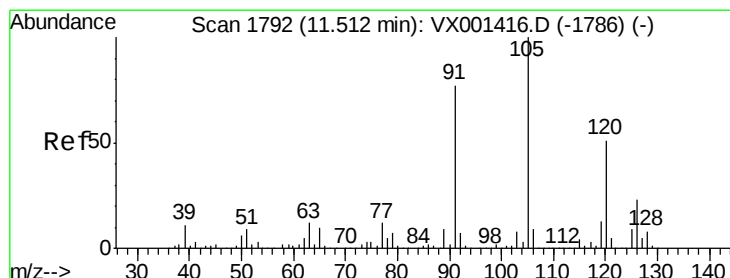
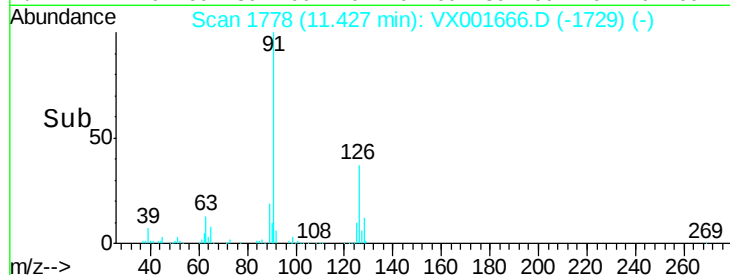
0

11.40

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.07 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001666.D

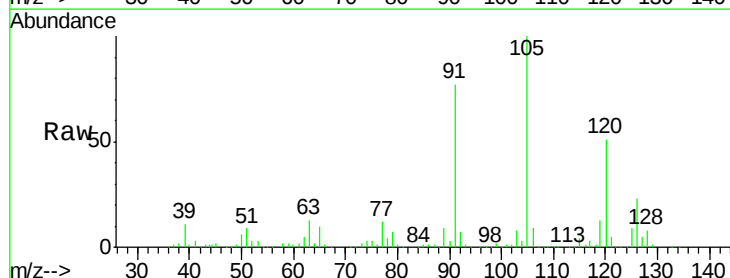
Acq: 12 May 2018 14:56

Tgt Ion:105 Resp: 239769

Ion Ratio Lower Upper

105 100

120 51.3 25.7 77.1



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

Ion 120.00 (119.70 to 120.70): VX001416.D (-1786) (-)

200000

150000

100000

50000

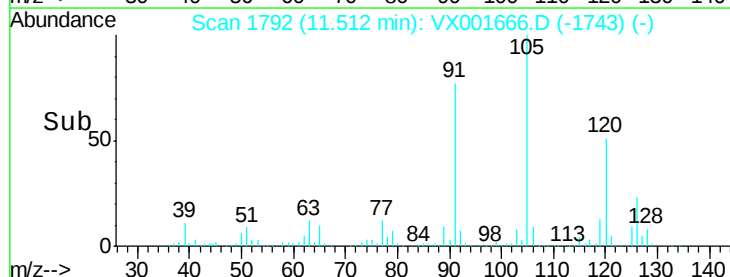
0

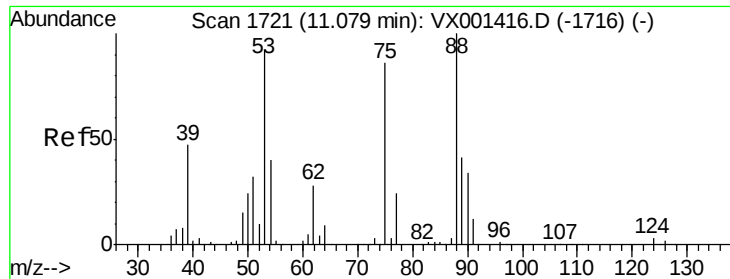
11.50

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.47 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion: 75 Resp: 20856

Ion Ratio Lower Upper

75 100

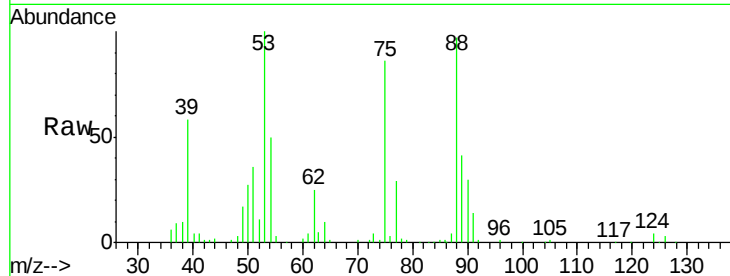
53 118.9 84.5 126.7

89 47.0 39.5 59.3

Manual Integrations
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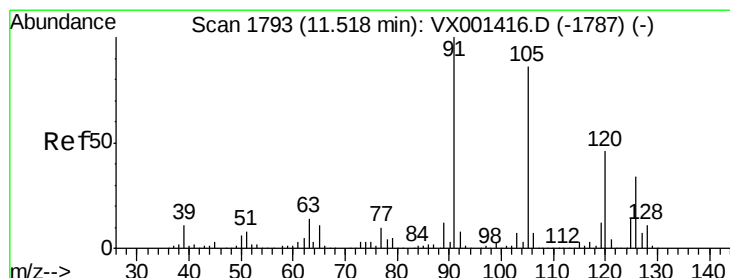
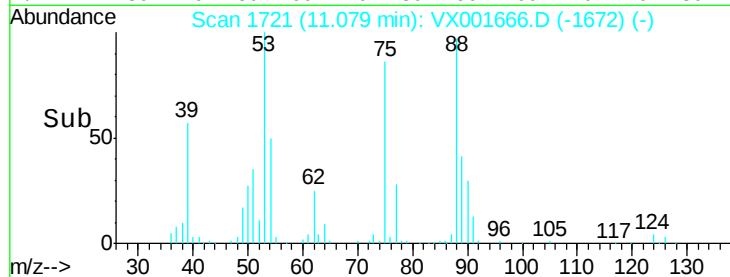
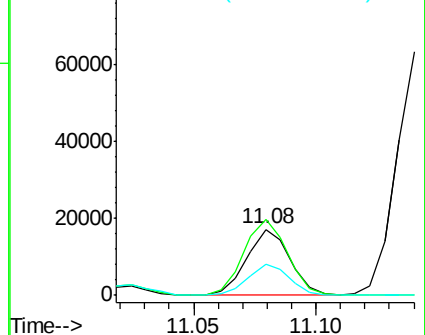
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.79 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001666.D

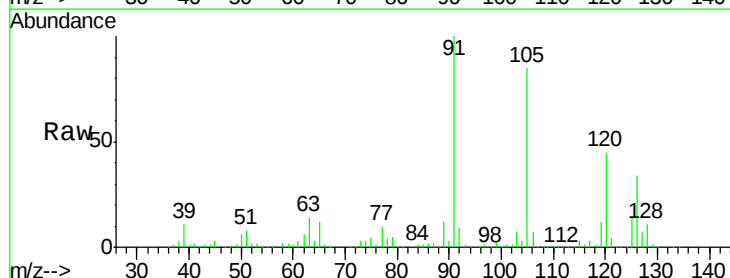
Acq: 12 May 2018 14:56

Tgt Ion: 91 Resp: 219673

Ion Ratio Lower Upper

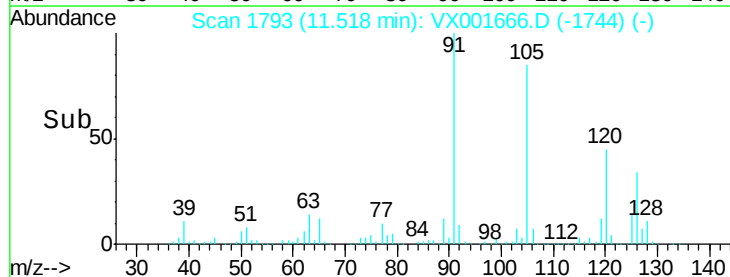
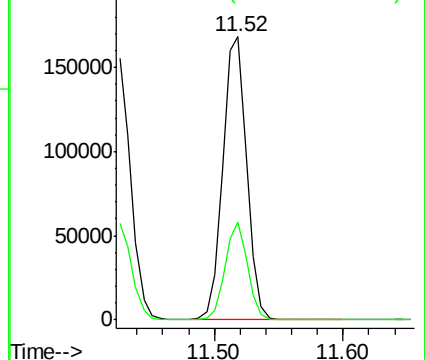
91 100

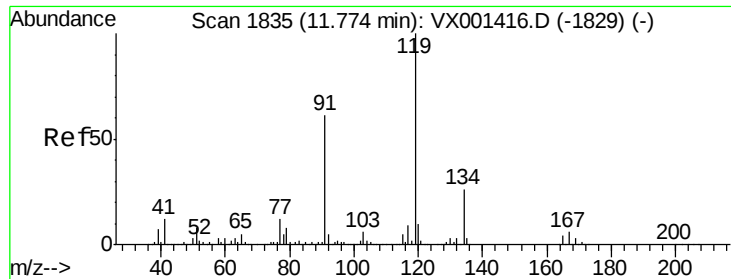
126 32.4 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.95 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

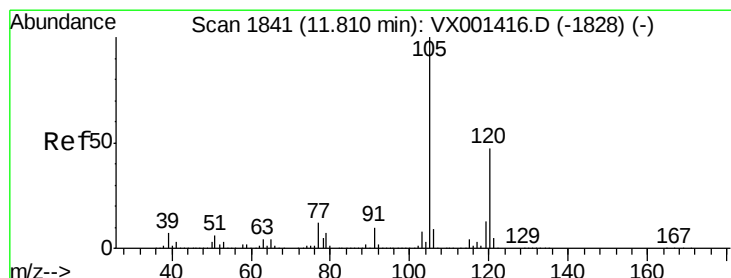
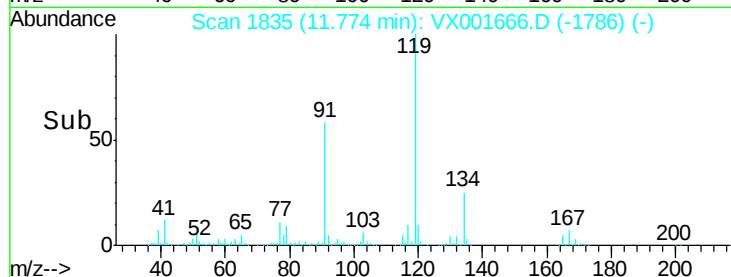
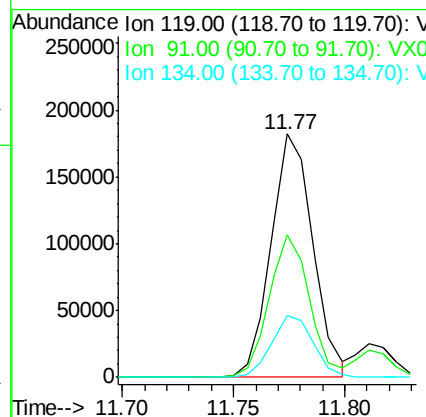
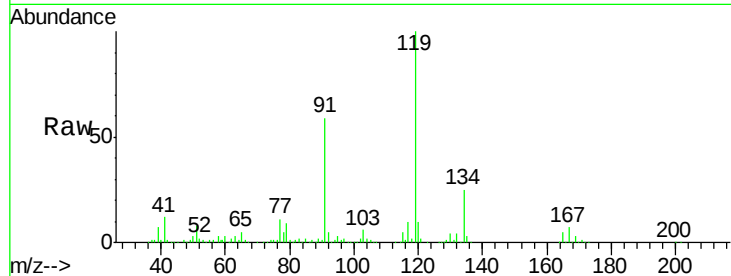
ClientSampleId :

VX0512WBSD01

Tot Ion:	119	Resp:	237239
Ion Ratio	Lower	Upper	
119	100		
91	56.5	27.8	83.3
134	25.4	12.4	37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.35 ug/l

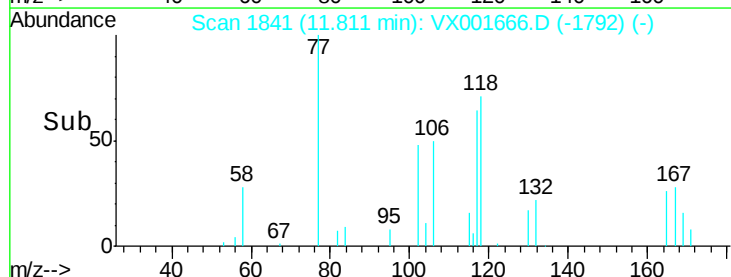
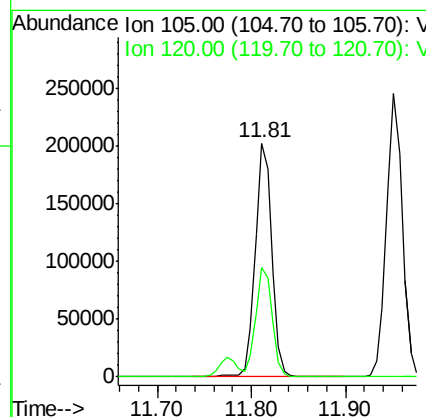
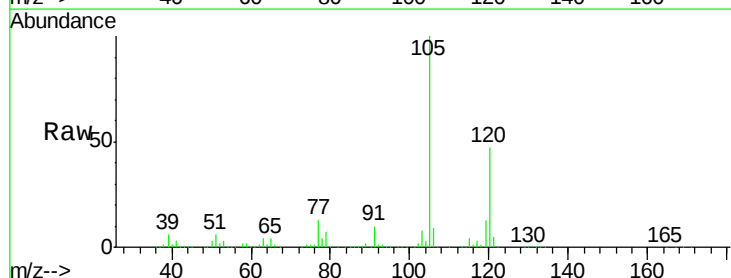
RT: 11.81 min Scan# 1841

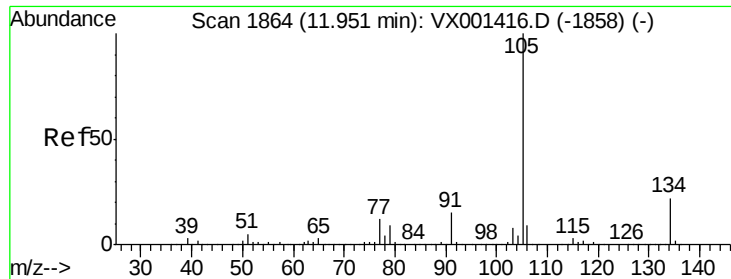
Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion:	105	Resp:	249671
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.4	70.2





#85

sec-Butylbenzene

Concen: 21.32 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tot Ion:105 Resp: 289770

Ion Ratio Lower Upper

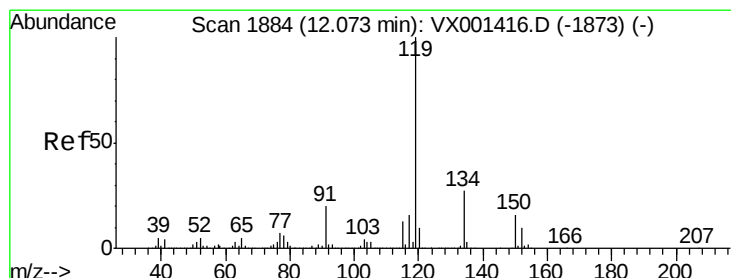
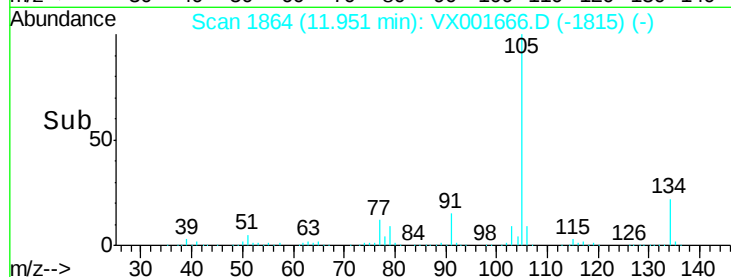
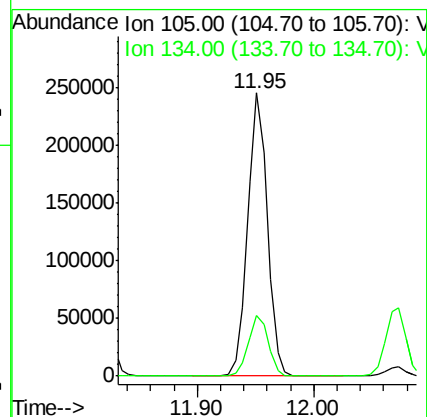
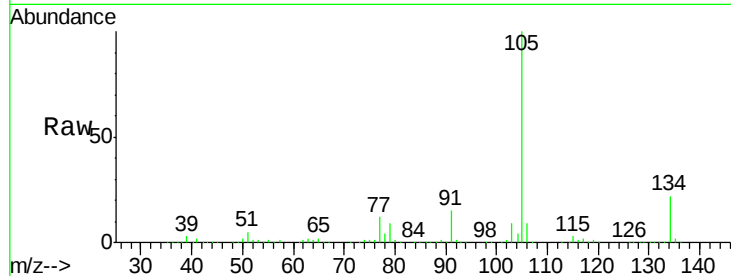
105 100

134 21.8 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 21.25 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

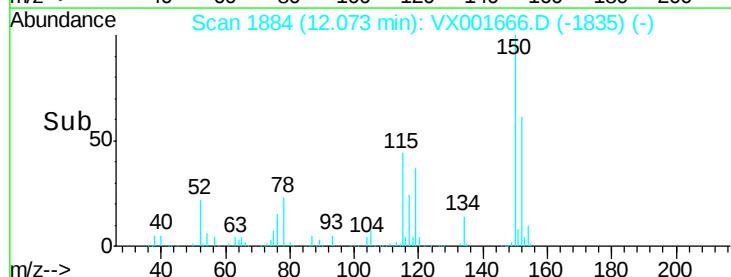
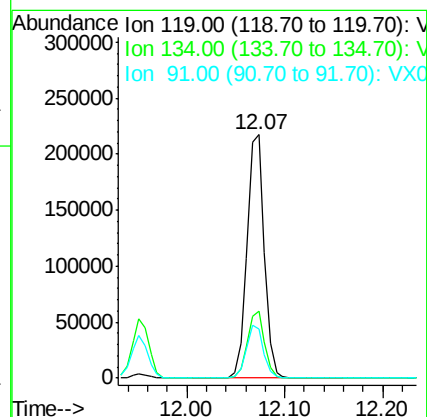
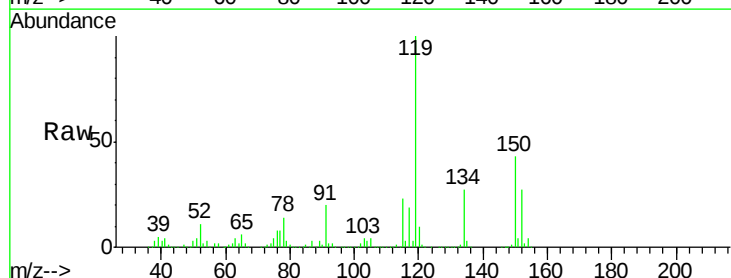
Tgt Ion:119 Resp: 264974

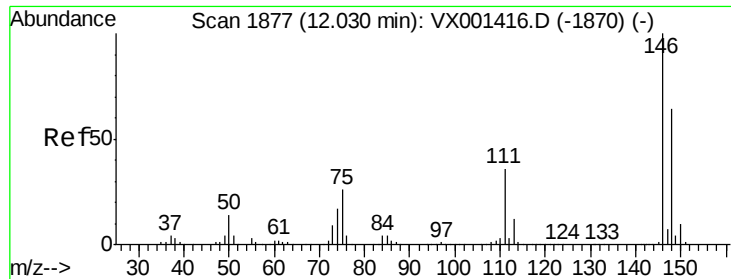
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

91 21.6 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 20.48 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

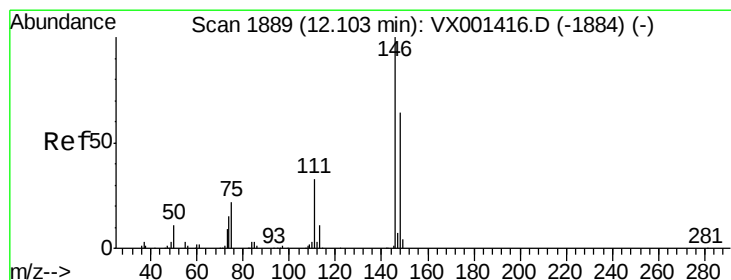
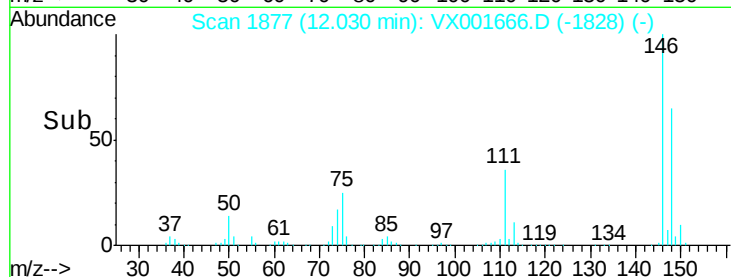
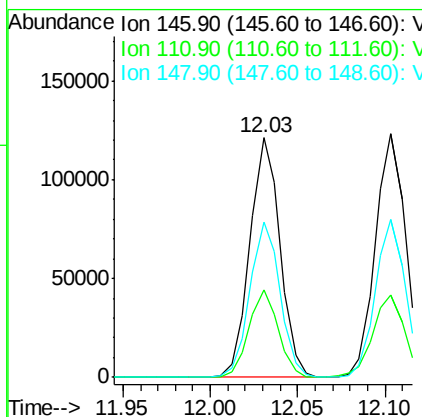
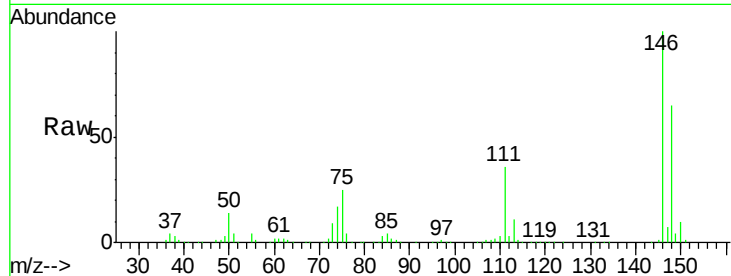
ClientSampleId :

VX0512WBSD01

Tot Ion:	146	Resp:	145474
Ion Ratio	Lower	Upper	
146	100		
111	35.8	18.1	54.1
148	64.7	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.50 ug/l

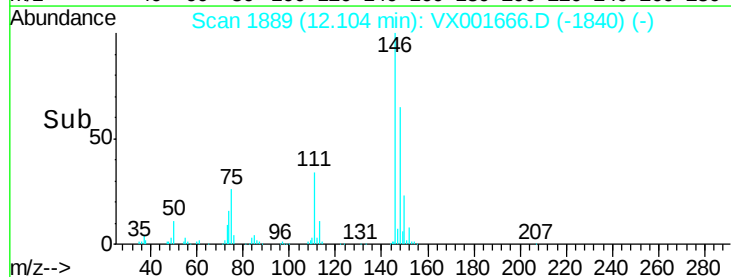
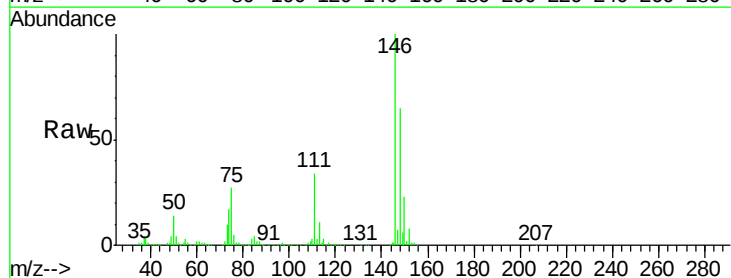
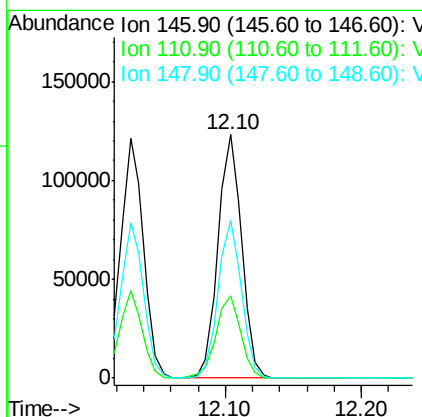
RT: 12.10 min Scan# 1889

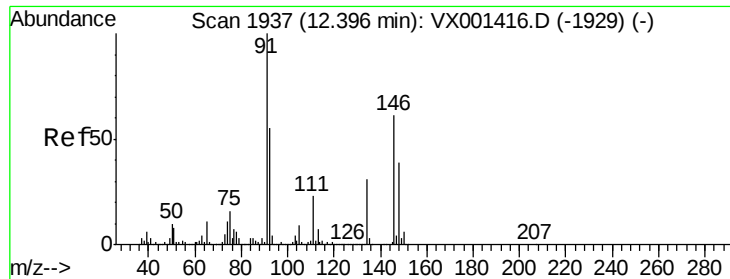
Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion:	146	Resp:	148523
Ion Ratio	Lower	Upper	
146	100		
111	35.7	17.4	52.3
148	64.3	32.2	96.6





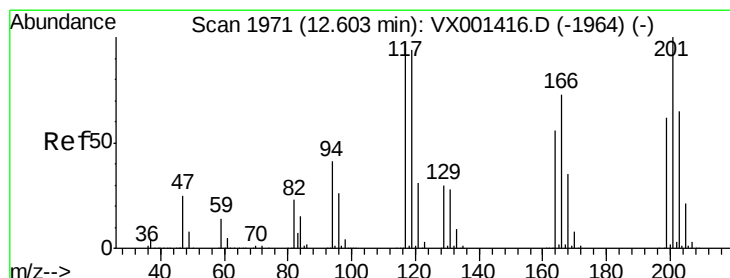
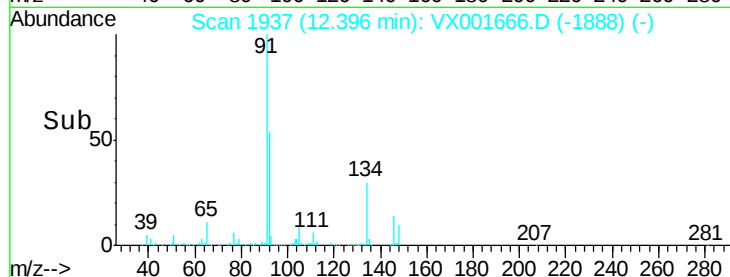
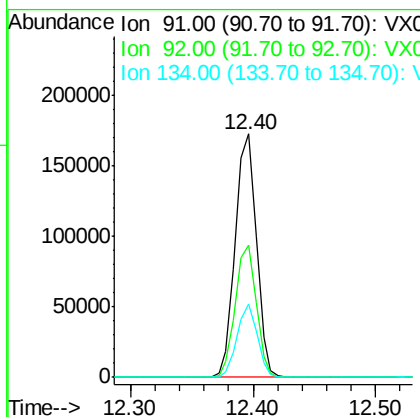
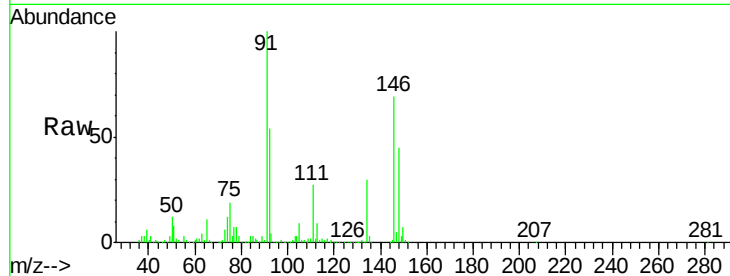
#89
n-Butylbenzene
Concen: 19.98 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	206361		
92	53.9		27.2	81.5
134	28.6		14.6	44.0

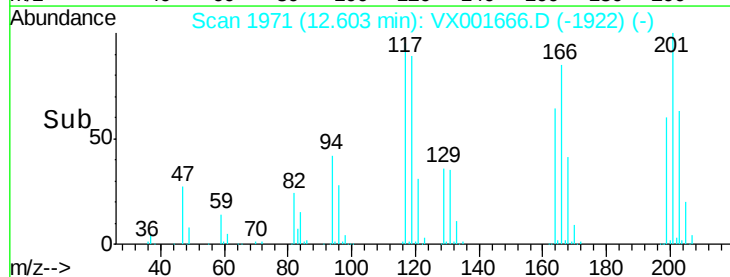
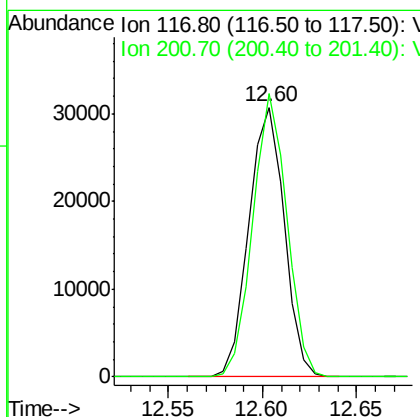
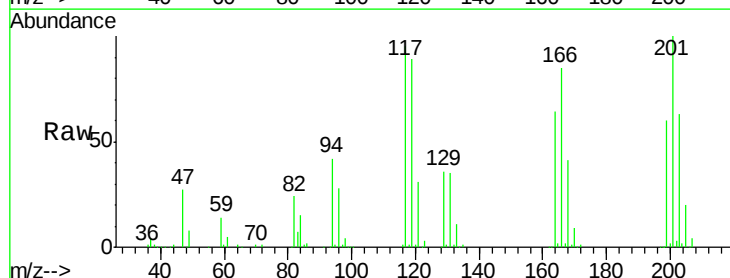
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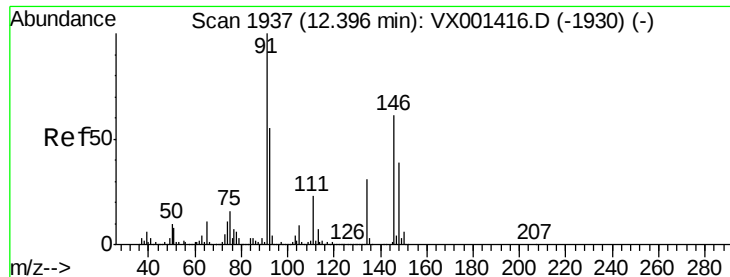
apatel
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#90
Hexachloroethane
Concen: 21.33 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40036		
201	101.2		51.5	154.5





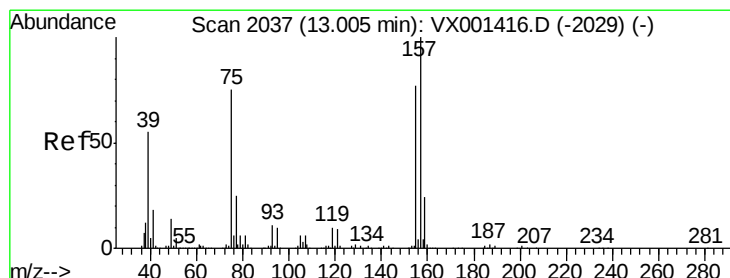
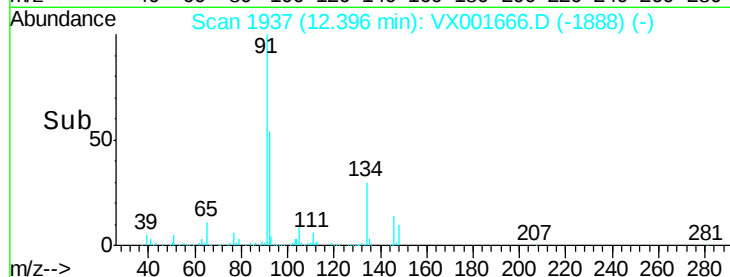
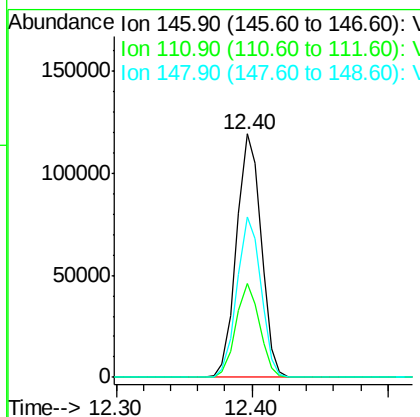
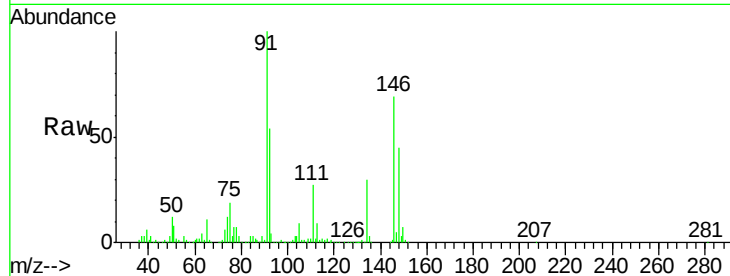
#91
 1,2-Dichlorobenzene
 Concen: 20.85 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.3	32.1	96.5

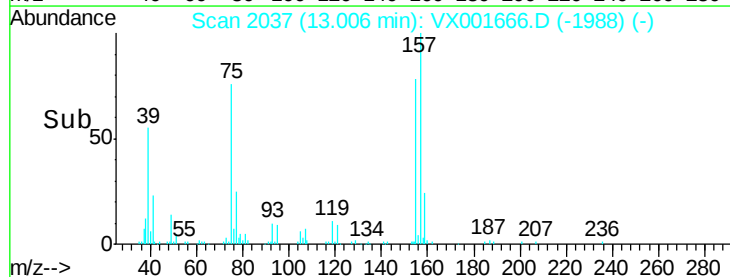
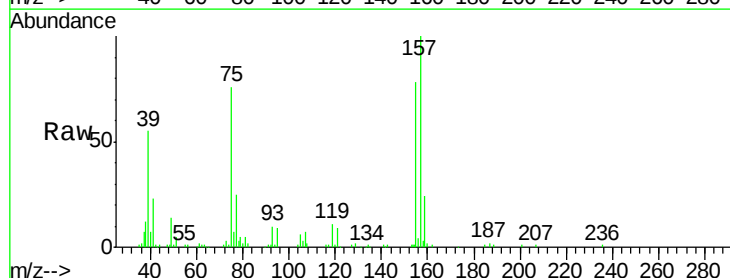
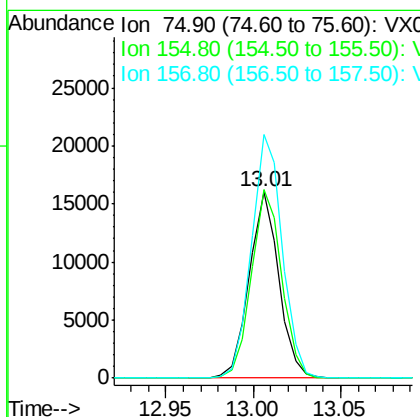
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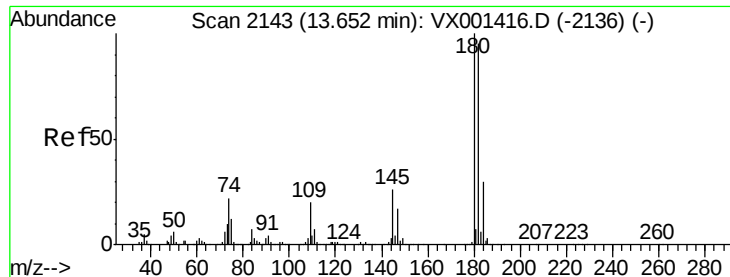
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.22 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.6	53.4	160.2
157	136.1	68.3	204.8





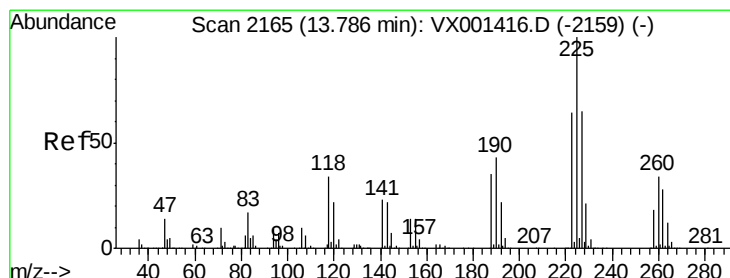
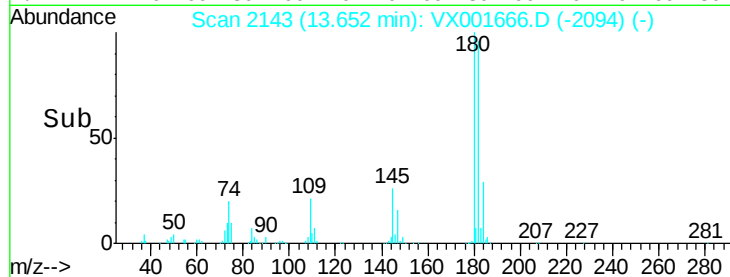
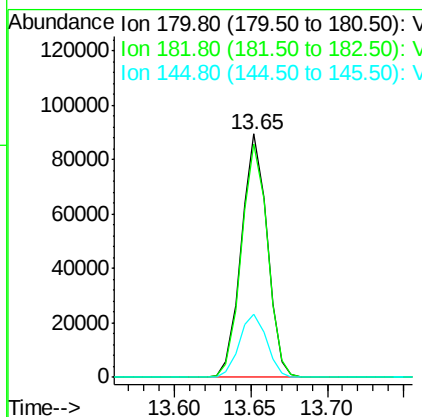
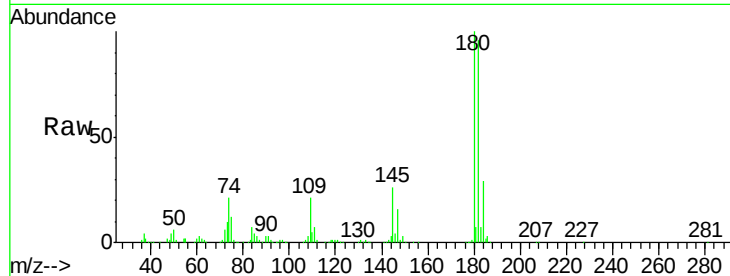
#93
 1,2,4-Trichlorobenzene
 Concen: 19.84 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	104944		
182	96.7	47.8	143.4	
145	27.3	13.3	39.9	

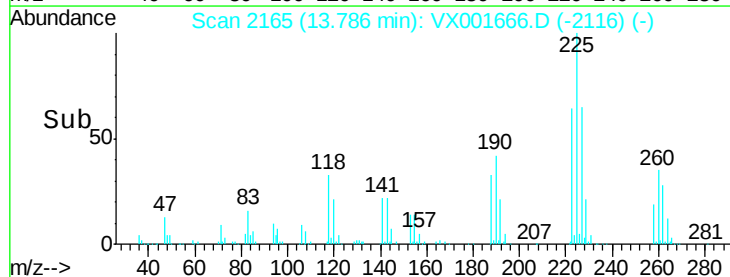
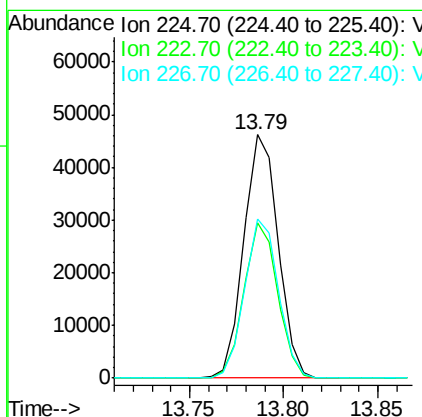
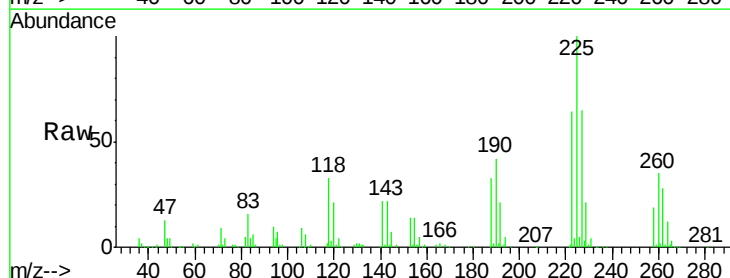
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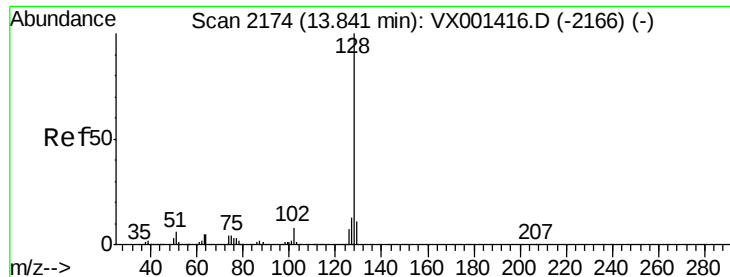
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#94
 Hexachlorobutadiene
 Concen: 20.18 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58392		
223	62.5	31.3	93.9	
227	64.4	32.4	97.2	





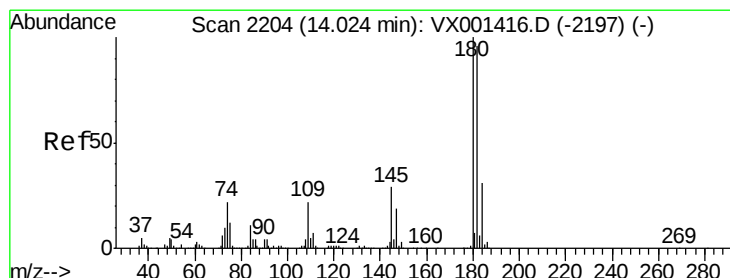
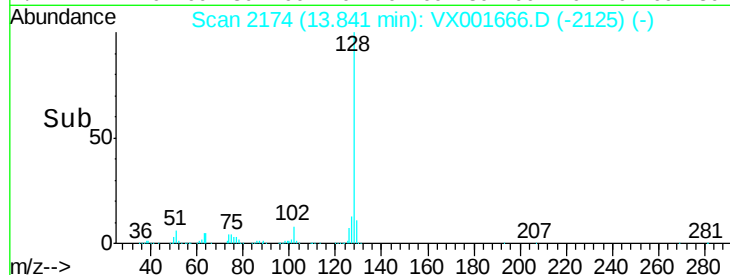
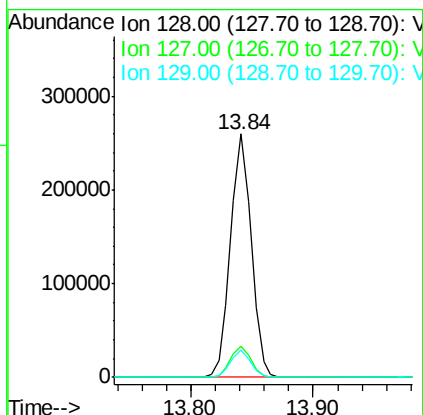
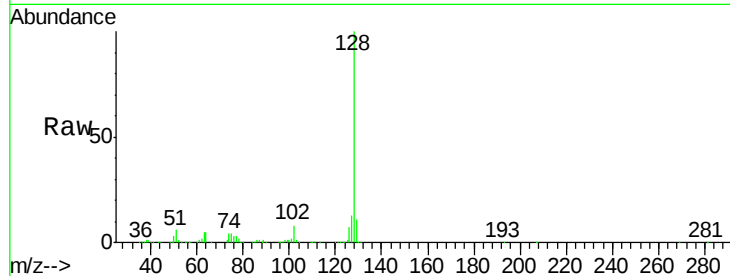
#95
Naphthalene
Concen: 20.79 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.98 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	28.4	14.1	42.4

