

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001636.D
 Acq On : 11 May 2018 13:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 5/14/2018 3:58:11 PM

Quant Time: May 12 03:34:48 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	258406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161765	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
35) Dibromofluoromethane	5.51	113	137082	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	8.72	98	492679	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.14	95	186869	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	170423	48.99	ug/l	98
3) Chloromethane	1.32	50	153069	45.18	ug/l	100
4) Vinyl Chloride	1.41	62	167535	47.38	ug/l	99
5) Bromomethane	1.64	94	72548	44.45	ug/l	100
6) Chloroethane	1.71	64	110325	47.21	ug/l	100
7) Trichlorofluoromethane	1.93	101	261100	49.07	ug/l	99
8) Diethyl Ether	2.19	74	100930	48.39	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	160389	51.41	ug/l	99
10) Methyl Iodide	2.51	142	159185	35.36	ug/l	99
11) Tert butyl alcohol	3.08	59	171216	218.64	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139255	48.70	ug/l	99
13) Acrolein	2.30	56	23546	147.76	ug/l	98
14) Allyl chloride	2.73	41	263759	49.47	ug/l	100
15) Acrylonitrile	3.15	53	402493	227.46	ug/l	100
16) Acetone	2.45	43	406497	241.03	ug/l	98
17) Carbon Disulfide	2.57	76	338108	46.46	ug/l	100
18) Methyl Acetate	2.78	43	222727	50.27	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	494334	49.65	ug/l	97
20) Methylene Chloride	2.85	84	154825	46.37	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	149401	46.82	ug/l	99
22) Diisopropyl ether	3.87	45	514486	51.65	ug/l	97
23) Vinyl Acetate	3.83	43	2131789	256.80	ug/l	100
24) 1,1-Dichloroethane	3.70	63	280853	50.47	ug/l	99
25) 2-Butanone	4.71	43	586534	240.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	242567	56.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	173091	50.93	ug/l	98
28) Bromochloromethane	5.03	49	118547	49.14	ug/l	99
29) Tetrahydrofuran	5.17	42	355543	227.94	ug/l	100
30) Chloroform	5.22	83	297060	51.83	ug/l	99
31) Cyclohexane	5.57	56	248581	52.01	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	266531	53.21	ug/l	98
36) 1,1-Dichloropropene	5.80	75	216033	52.63	ug/l	99
37) Ethyl Acetate	4.87	43	218829	48.63	ug/l	100
38) Carbon Tetrachloride	5.79	117	241924	55.26	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	268099	55.24	ug/l	99
40) Benzene	6.15	78	639116	53.30	ug/l	98
41) Methacrylonitrile	5.07	41	128118	49.76	ug/l	99
42) 1,2-Dichloroethane	6.20	62	240759	52.24	ug/l	100
43) Isopropyl Acetate	6.47	43	363300	52.59	ug/l	99
44) Trichloroethene	7.22	130	195770	53.42	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160736	53.77	ug/l	99
46) Dibromomethane	7.66	93	109591	51.79	ug/l	99
47) Bromodichloromethane	7.90	83	221456	56.55	ug/l	99
48) Methyl methacrylate	7.78	41	193153	51.35	ug/l	99
49) 1,4-Dioxane	7.76	88	77646	955.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1173073	255.55	ug/l	100
52) Toluene	8.79	92	428400	54.64	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	260136	58.77	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	243808	53.13	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	171668	54.35	ug/l	98
56) Ethyl methacrylate	9.19	69	252182	55.39	ug/l	100
57) 1,3-Dichloropropane	9.38	76	269945	51.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	626595	280.58	ug/l	100
59) 2-Hexanone	9.51	43	881143	250.67	ug/l	99
60) Dibromochloromethane	9.59	129	182350	56.37	ug/l	99
61) 1,2-Dibromoethane	9.68	107	173468	52.31	ug/l	99
64) Tetrachloroethene	9.34	164	230373	54.69	ug/l	98
65) Chlorobenzene	10.14	112	475417	53.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	179619	56.66	ug/l	100
67) Ethyl Benzene	10.26	91	795259	54.75	ug/l	100
68) m/p-Xylenes	10.37	106	635633	110.74	ug/l	99
69) o-Xylene	10.70	106	310193	55.61	ug/l	100
70) Styrene	10.72	104	514937	56.82	ug/l	98
71) Bromoform	10.87	173	149785	49.19	ug/l	100
73) Isopropylbenzene	11.02	105	848492	55.33	ug/l	100
74) N-amyl acetate	6.47	43	363300	52.16	ug/l #	99
75) 1,1,1,2,2-Tetrachloroethane	11.27	83	239133	52.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	228201m	50.80	ug/l	
77) Bromobenzene	11.26	156	235517	52.83	ug/l	99
78) n-propylbenzene	11.37	91	954445	57.16	ug/l	99
79) 2-Chlorotoluene	11.43	91	556491	54.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	710576	55.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	68618	48.81	ug/l	97
82) 4-Chlorotoluene	11.52	91	651730	54.98	ug/l	99
83) tert-Butylbenzene	11.77	119	705110	55.51	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	732436	55.82	ug/l	99
85) sec-Butylbenzene	11.95	105	876505	57.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	813681	58.17	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	436393	54.76	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	439500	54.07	ug/l	100
89) n-Butylbenzene	12.40	91	680862	58.75	ug/l	100
90) Hexachloroethane	12.60	117	124770	59.24	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	436339	53.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53660	53.93	ug/l	99

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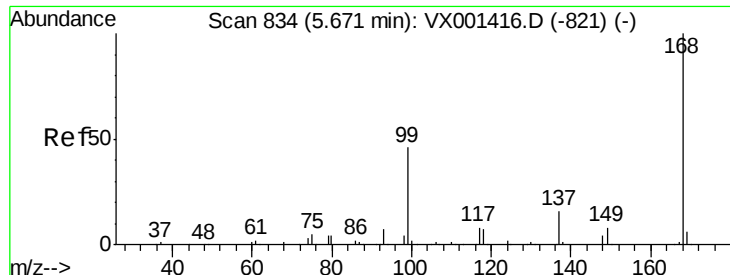
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	343600	57.91	ug/l	100
94) Hexachlorobutadiene	13.79	225	189658	58.42	ug/l	100
95) Naphthalene	13.84	128	917261	55.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	347892	57.15	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 258406

Ion Ratio Lower Upper

168 100

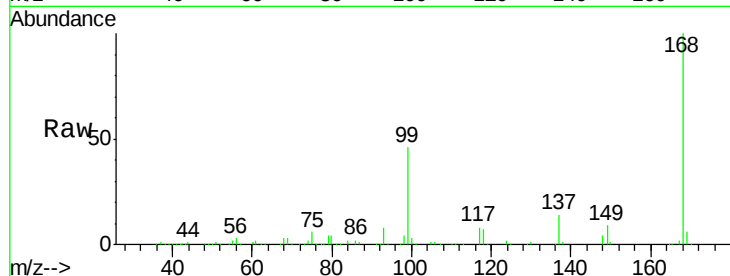
99 46.2 36.6 54.8

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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

100000

80000

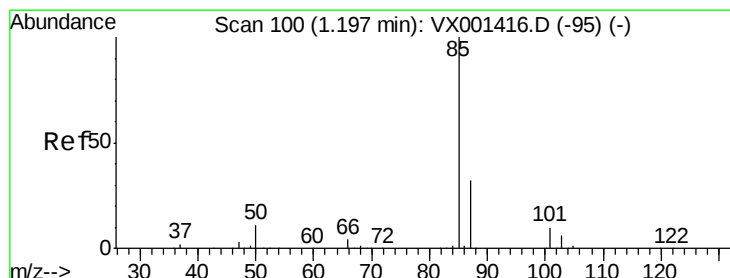
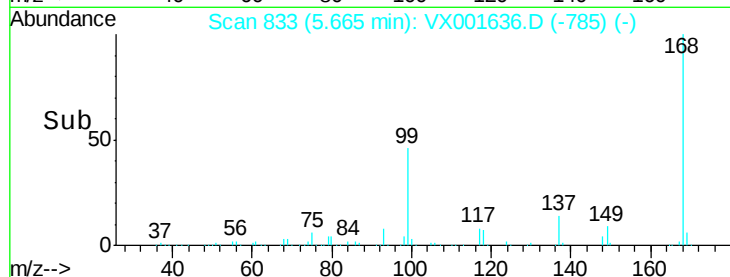
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.99 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001636.D

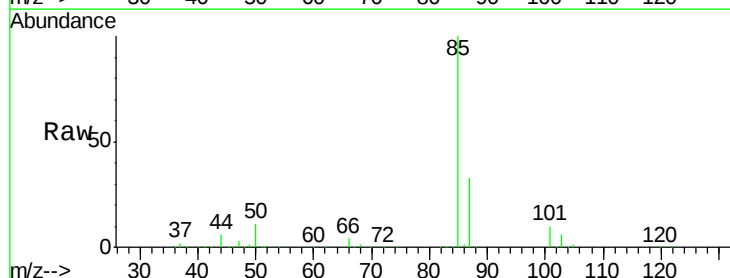
Acq: 11 May 2018 13:08

Tgt Ion: 85 Resp: 170423

Ion Ratio Lower Upper

85 100

87 33.3 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

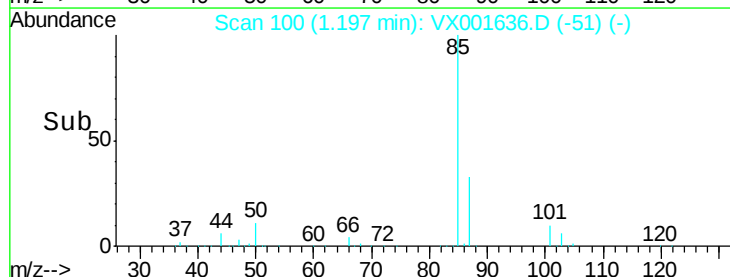
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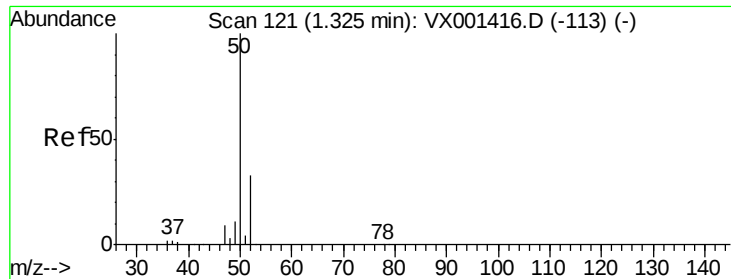
100000

50000

0

Time--> 1.10 1.20 1.30 1.40





#3

Chloromethane

Concen: 45.18 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 153069

Ion Ratio Lower Upper

50 100

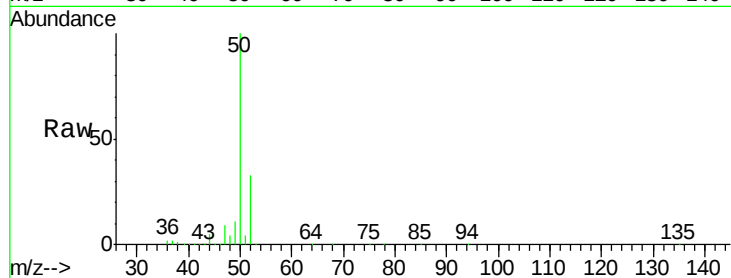
52 32.7 26.2 39.4

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

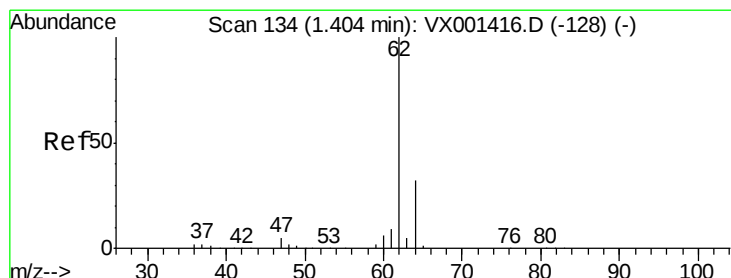
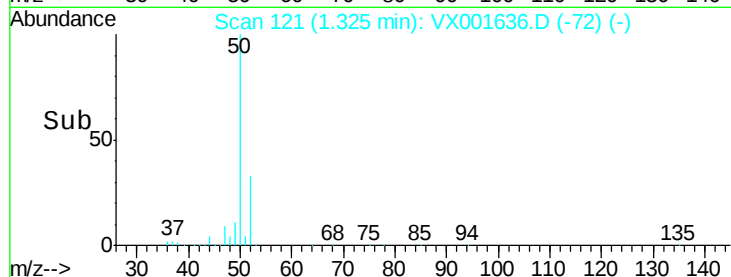
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.38 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001636.D

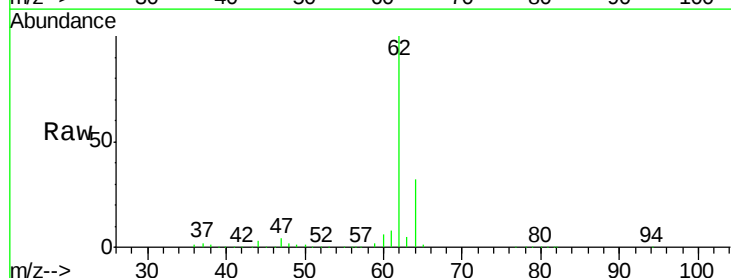
Acq: 11 May 2018 13:08

Tgt Ion: 62 Resp: 167535

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

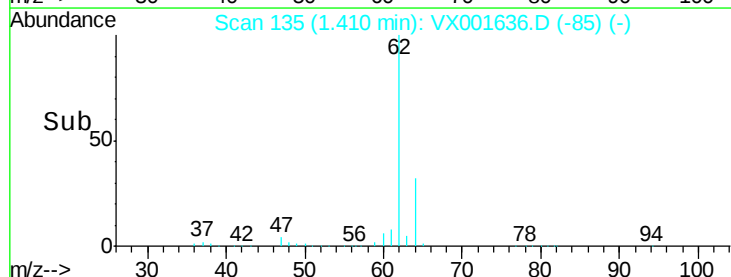
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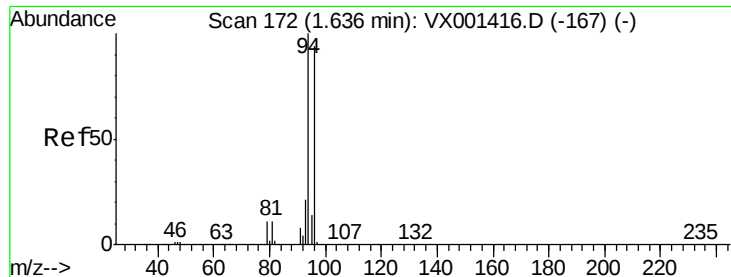
100000

50000

0

Time-->





#5

Bromomethane

Concen: 44.45 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 72548

Ion Ratio Lower Upper

94 100

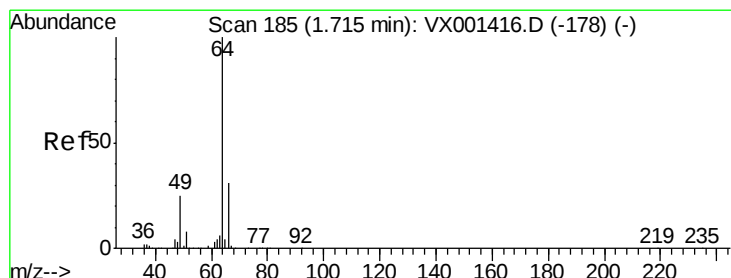
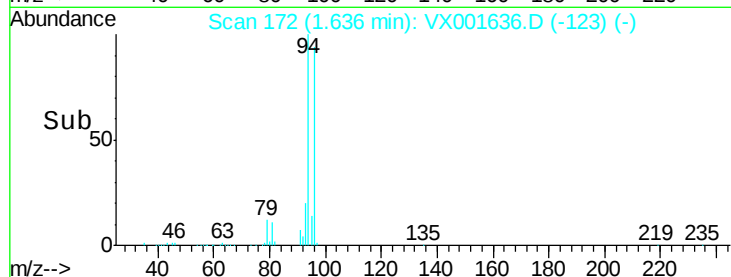
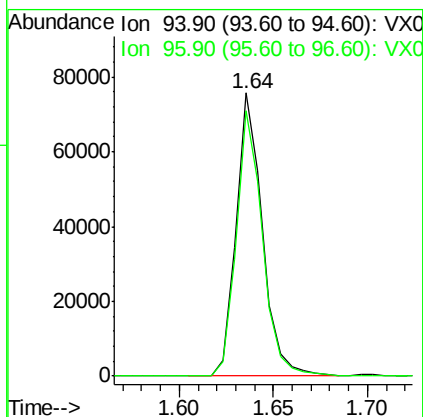
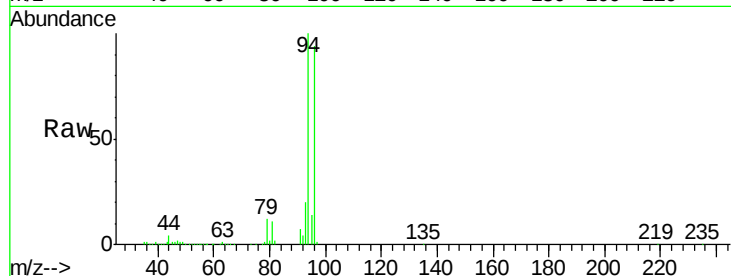
96 93.8 75.0 112.6

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#6

Chloroethane

Concen: 47.21 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001636.D

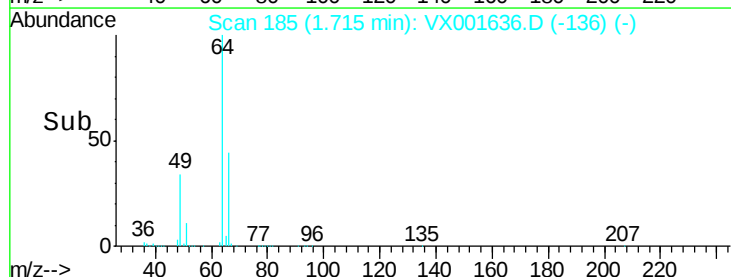
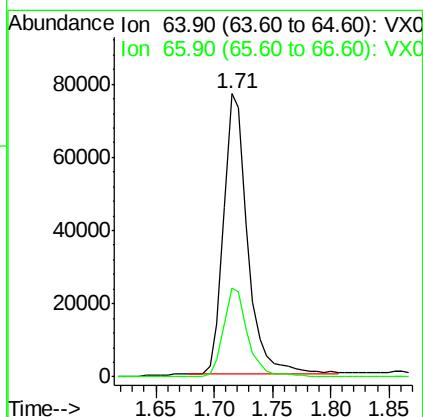
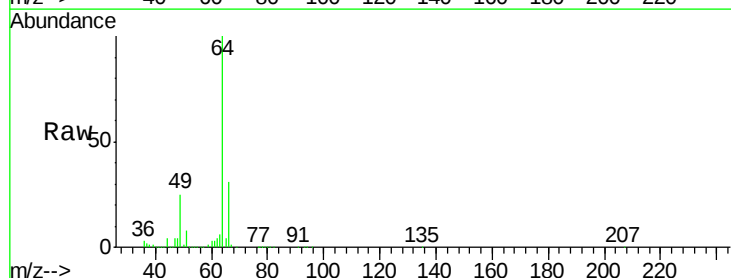
Acq: 11 May 2018 13:08

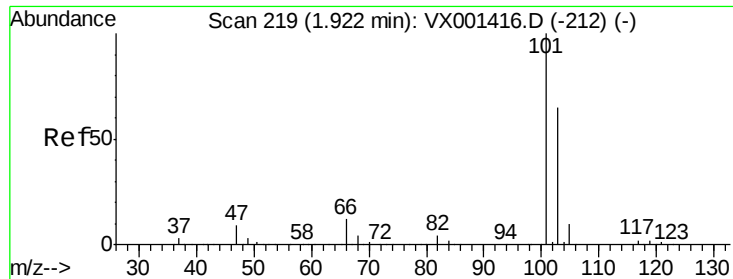
Tgt Ion: 64 Resp: 110325

Ion Ratio Lower Upper

64 100

66 31.5 25.1 37.7





#7

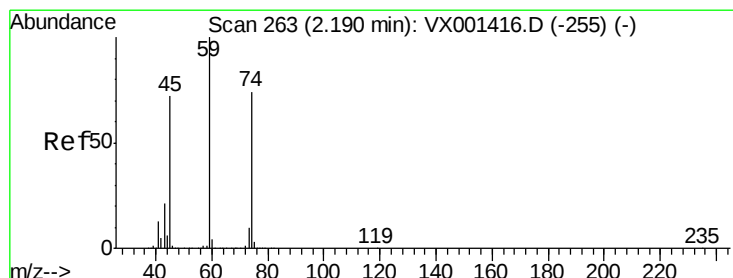
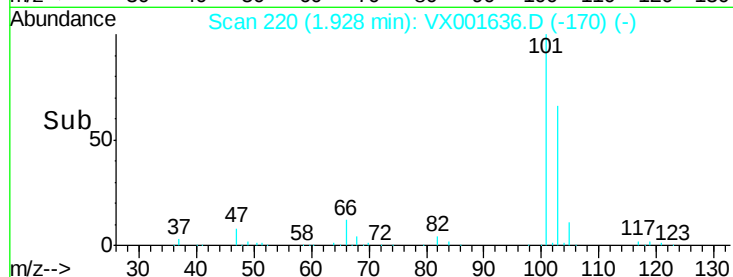
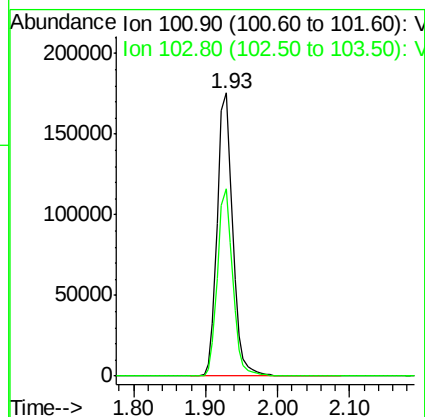
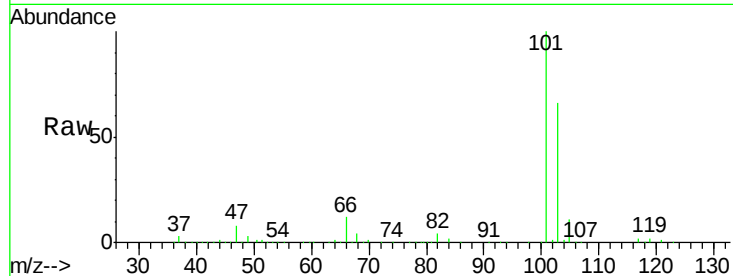
Trichlorofluoromethane
Concen: 49.07 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.0	78.0

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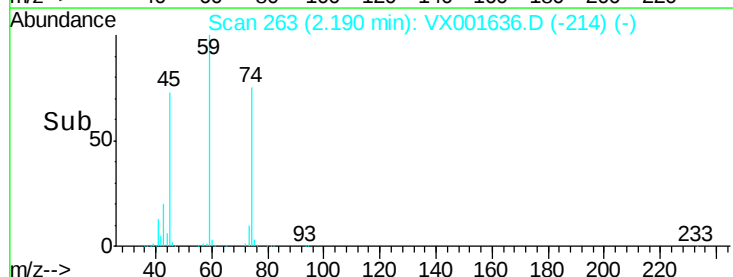
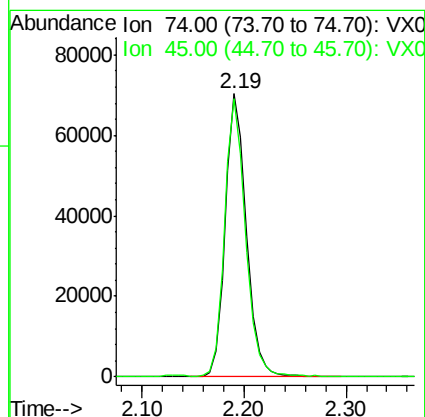
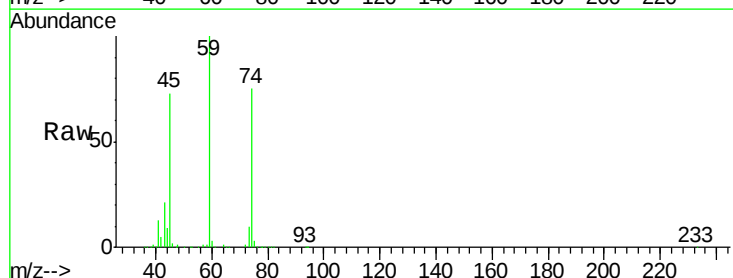
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5/14/2018 3:58:11 PM

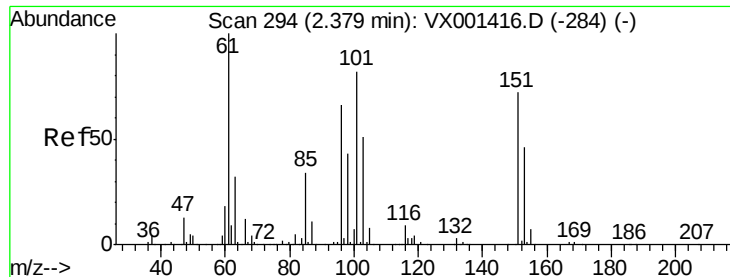


#8

Diethyl Ether
Concen: 48.39 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.41 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

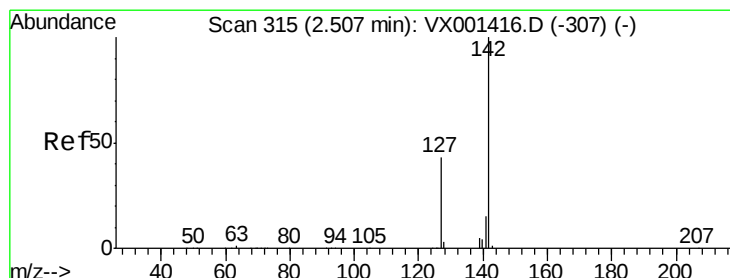
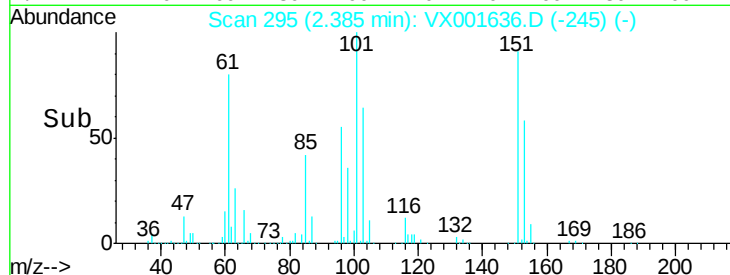
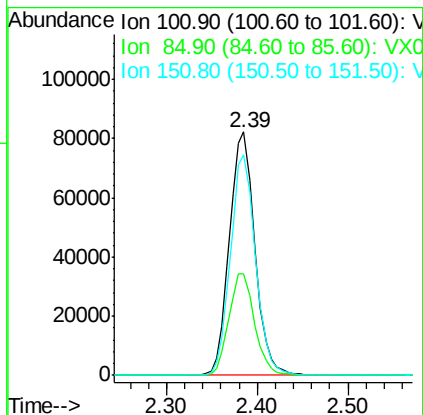
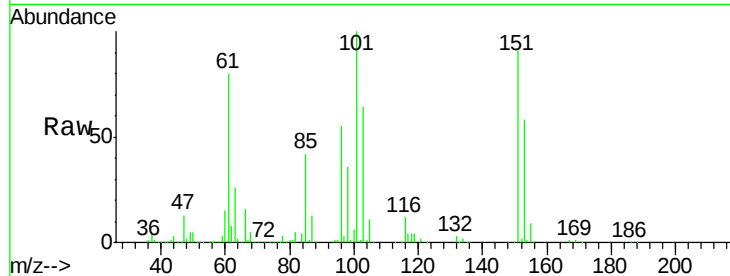
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	160389
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.7	50.5
151	89.5	72.3	108.5

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#10

Methyl Iodide

Concen: 35.36 ug/l

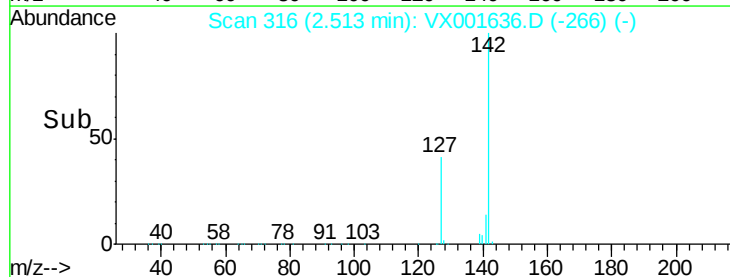
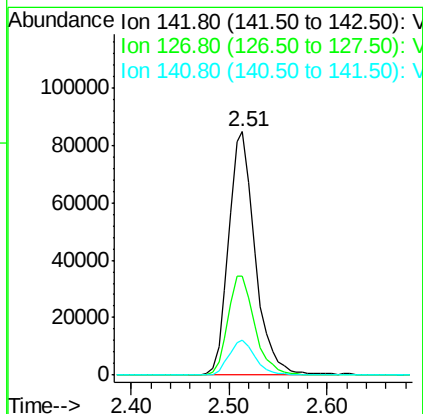
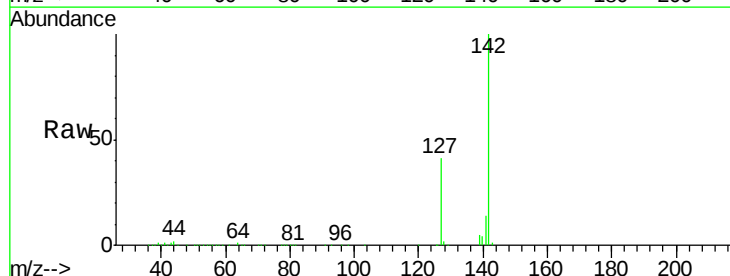
RT: 2.51 min Scan# 316

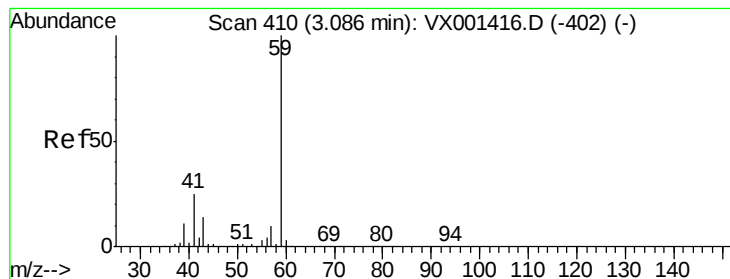
Delta R.T. 0.01 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Tgt Ion:	142	Resp:	159185
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.6	50.4
141	14.5	11.4	17.2





#11

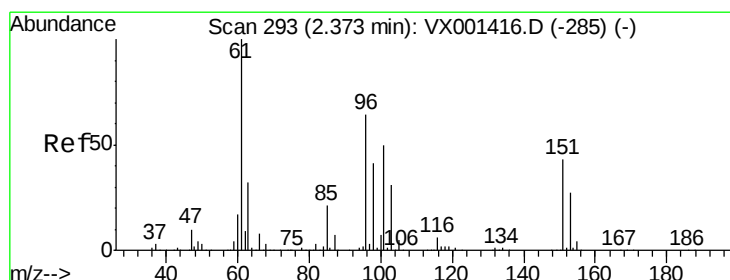
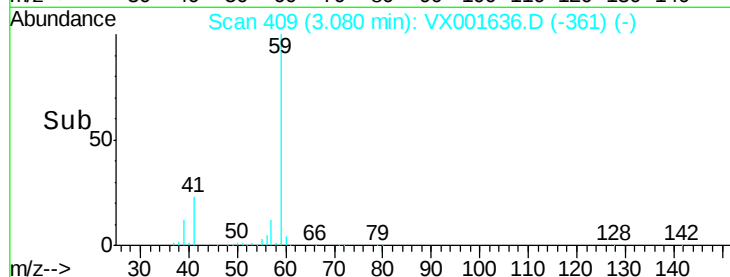
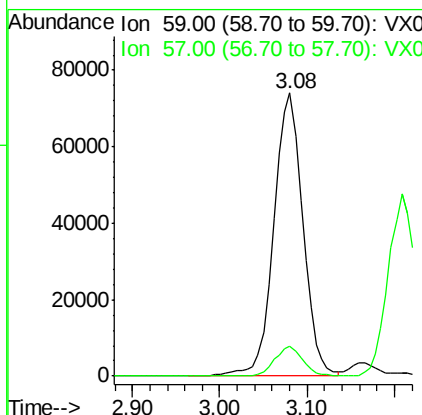
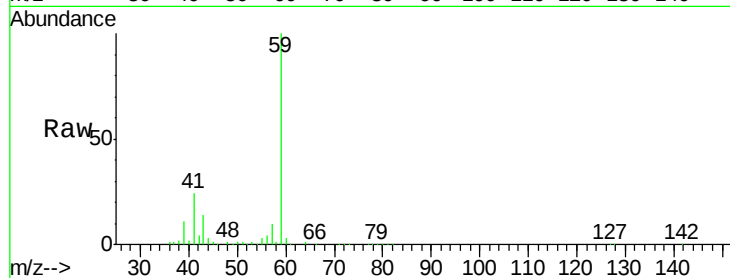
Tert butyl alcohol
 Concen: 218.64 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
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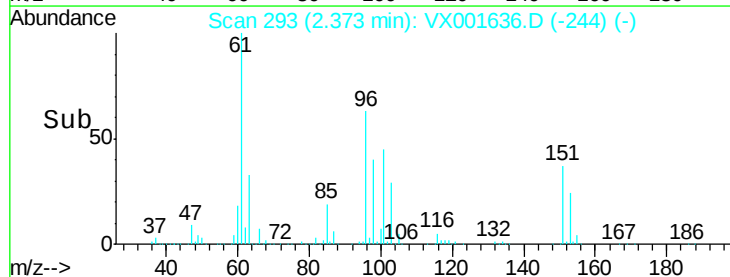
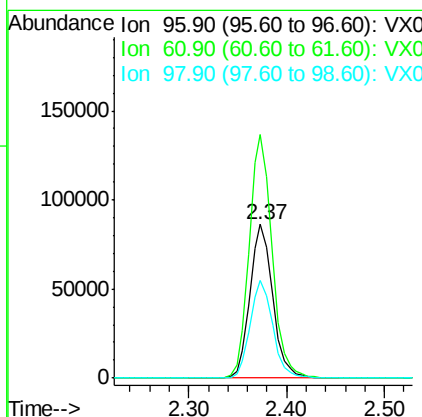
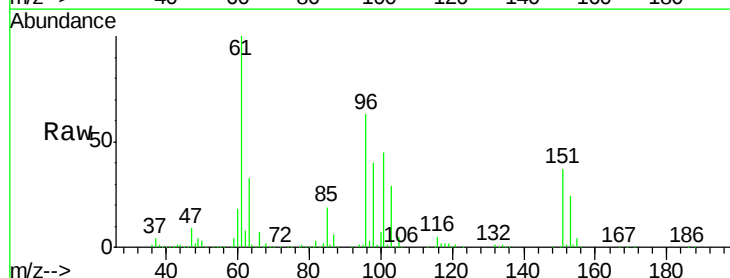
apatel
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#12

1,1-Dichloroethene
 Concen: 48.70 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	125.7	188.5
98	63.7	52.0	78.0





#13

Acrolein

Concen: 147.76 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 23546

Ion Ratio Lower Upper

56 100

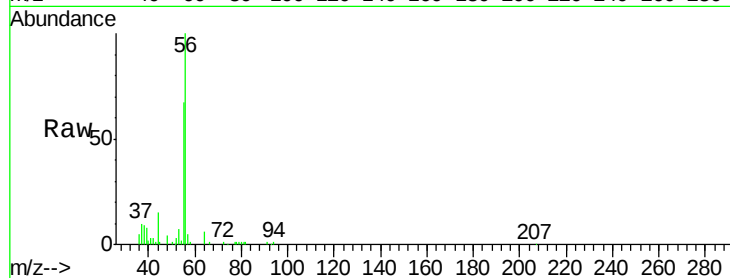
55 70.0 54.5 81.7

Manual Integrations

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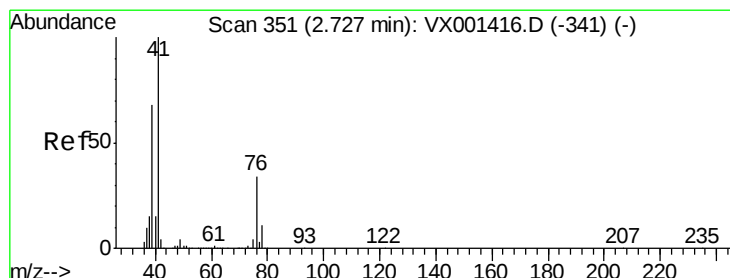
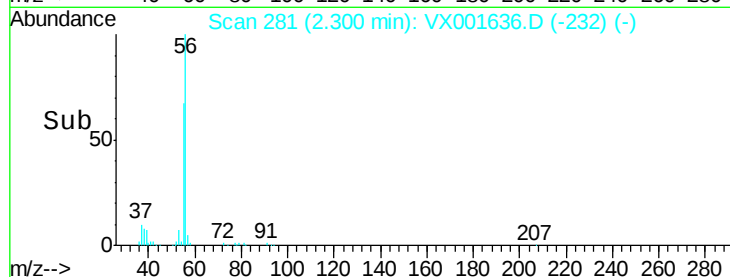
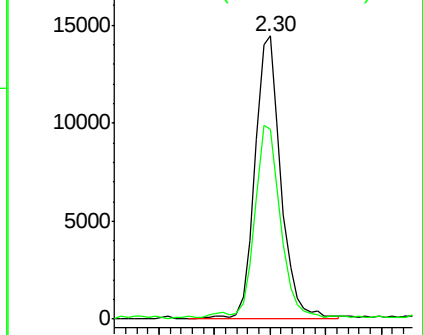
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.47 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

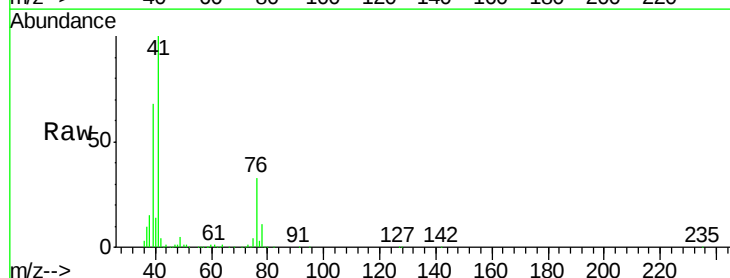
Tgt Ion: 41 Resp: 263759

Ion Ratio Lower Upper

41 100

39 65.1 52.4 78.6

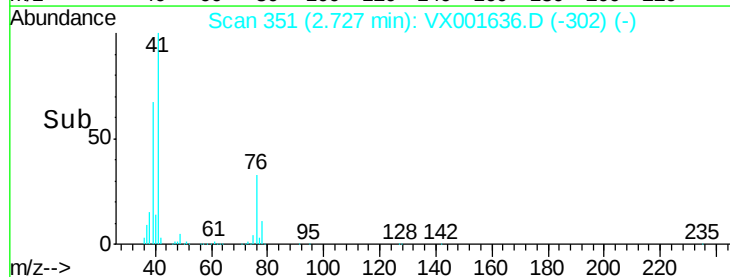
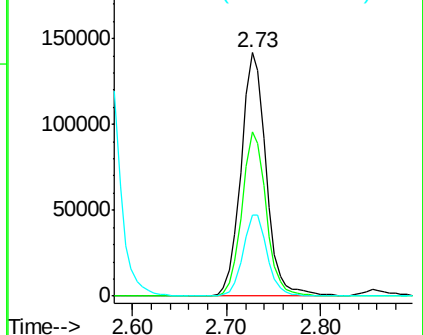
76 32.3 25.8 38.6

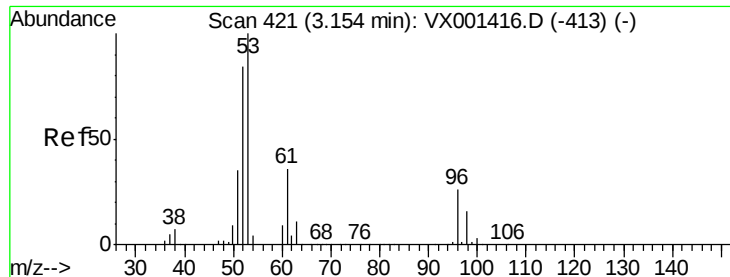


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 227.46 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

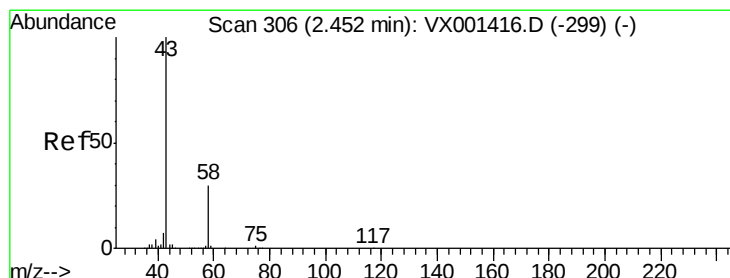
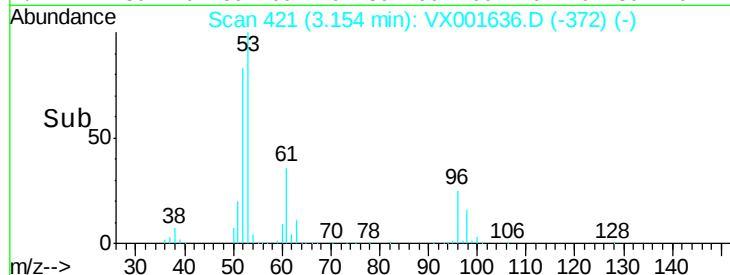
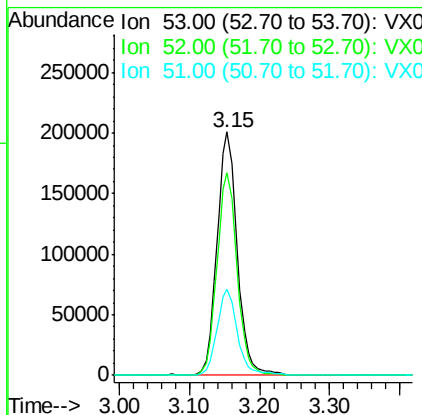
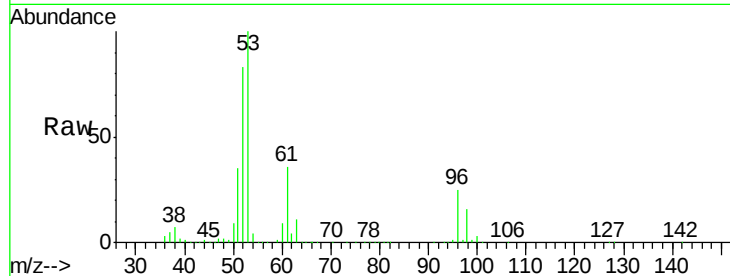
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	402493
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.7	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 241.03 ug/l

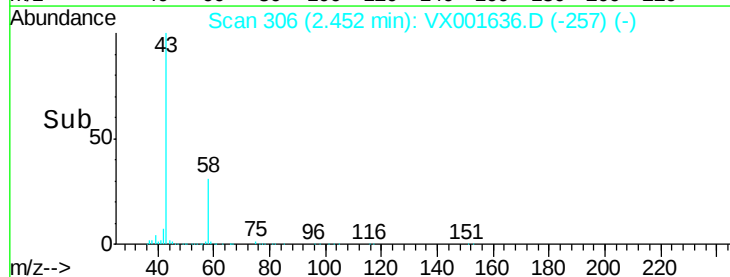
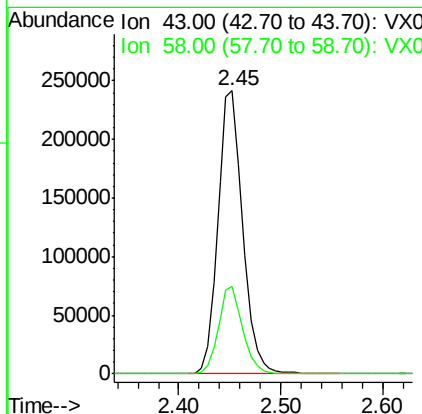
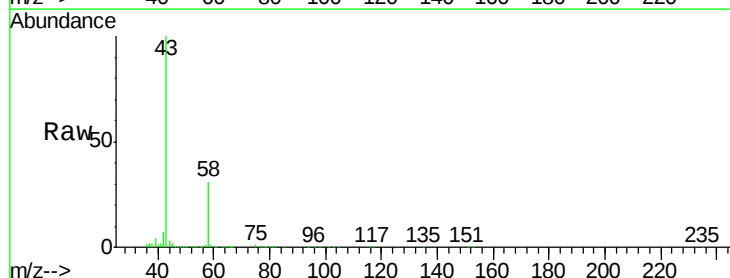
RT: 2.45 min Scan# 306

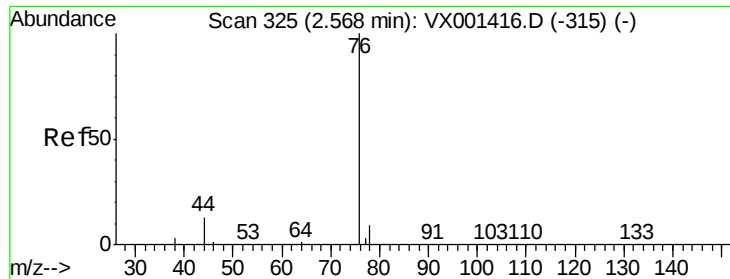
Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Tgt Ion:	43	Resp:	406497
Ion Ratio		Lower	Upper
43	100		
58	31.0	23.8	35.8





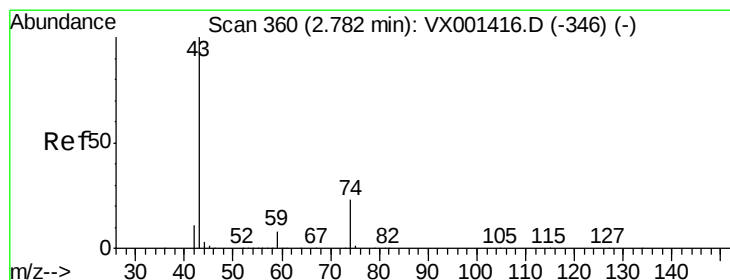
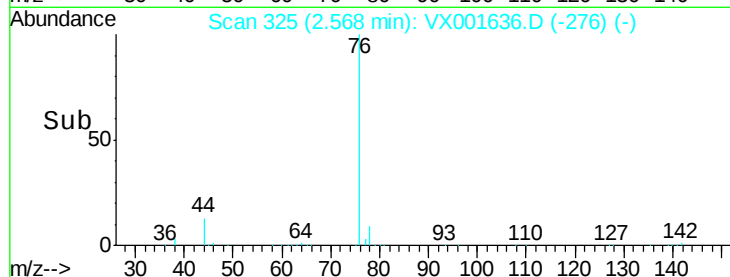
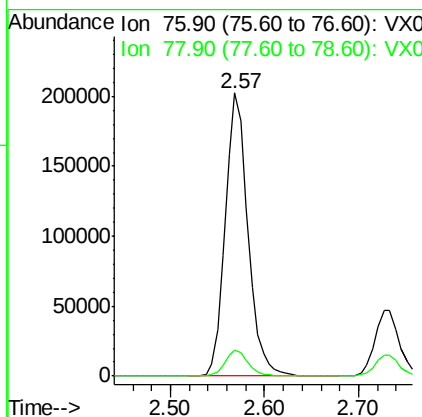
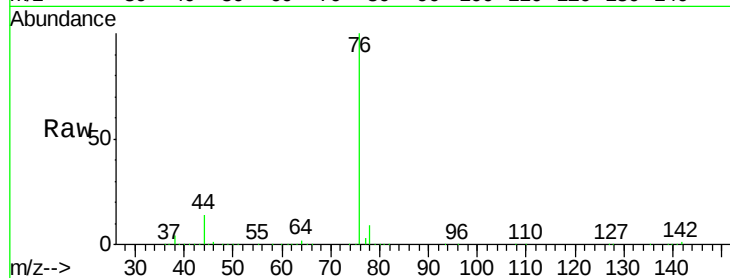
#17
Carbon Disulfide
Concen: 46.46 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

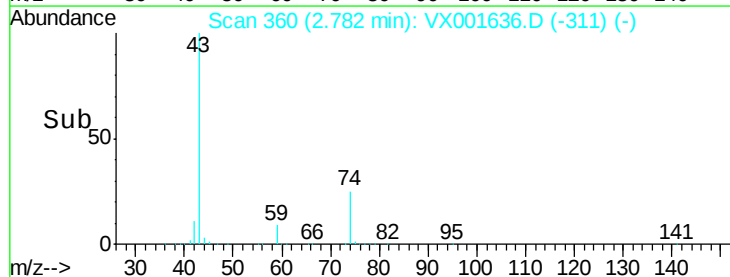
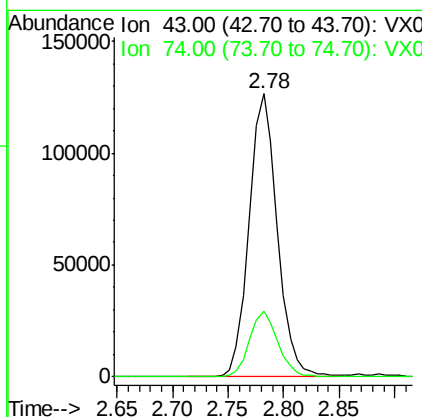
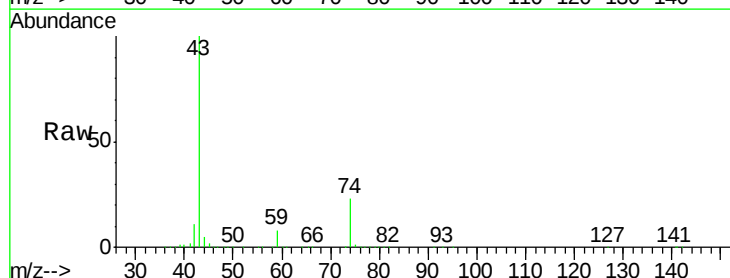
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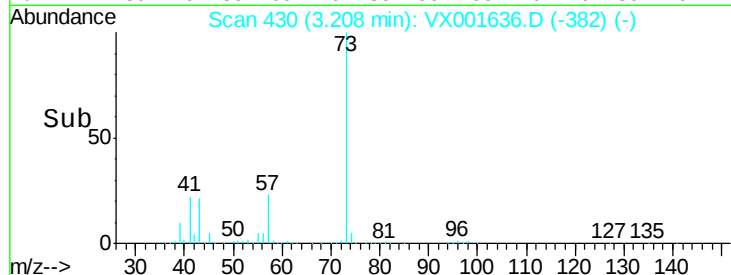
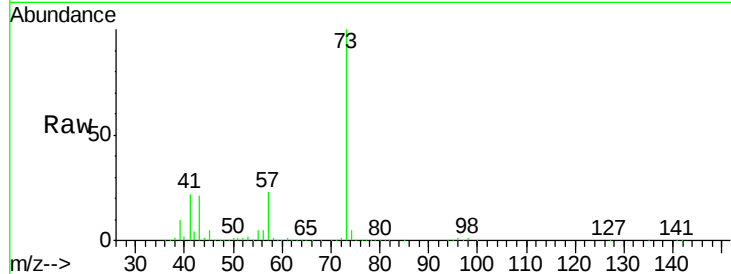
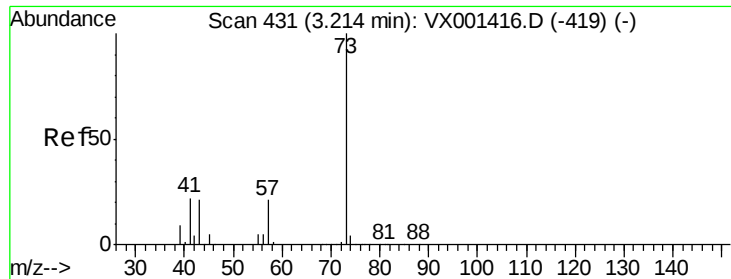
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#18
Methyl Acetate
Concen: 50.27 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.6	27.8





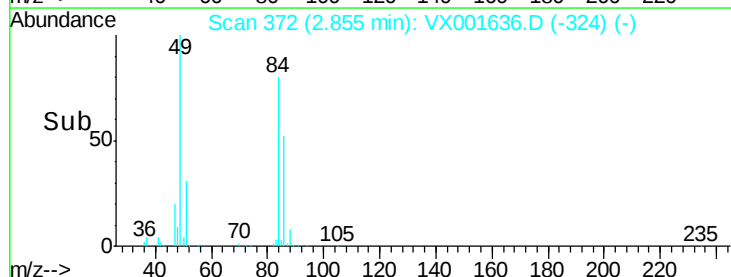
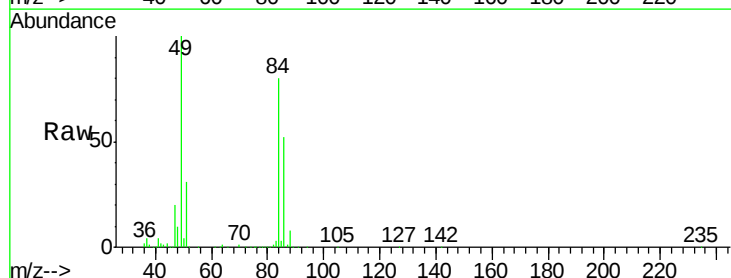
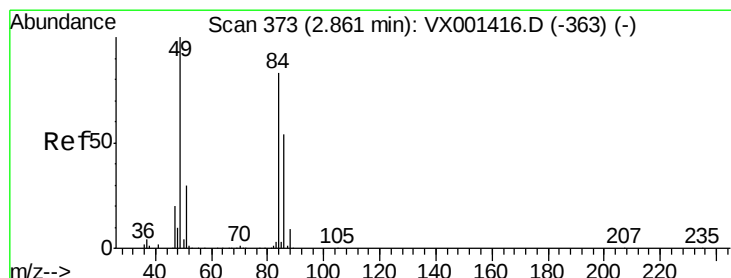
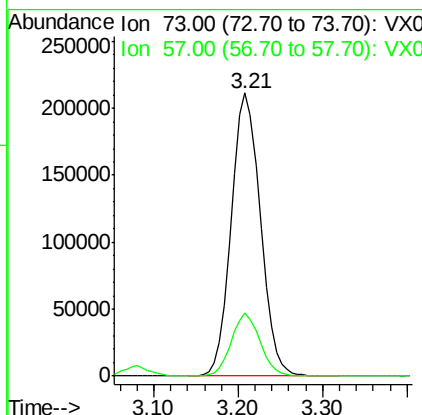
#19
Methyl tert-butyl Ether
Concen: 49.65 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tot Ion: 73 Resp: 494334
Ion Ratio Lower Upper
73 100
57 22.6 17.0 25.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

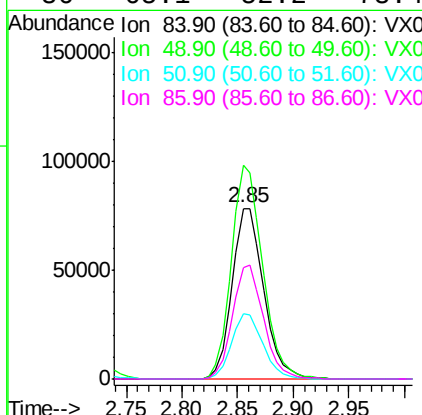
Manual Integrations
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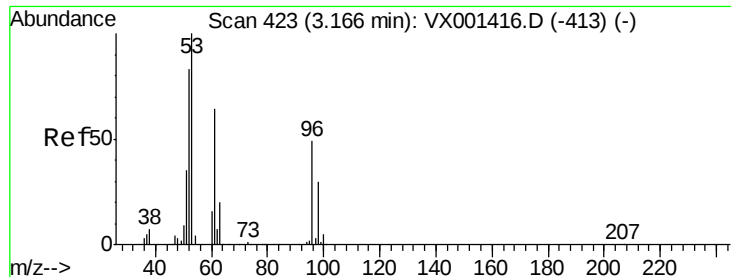
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#20
Methylene Chloride
Concen: 46.37 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion: 84 Resp: 154825
Ion Ratio Lower Upper
84 100
49 125.2 96.6 144.8
51 38.7 29.0 43.4
86 65.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.82 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

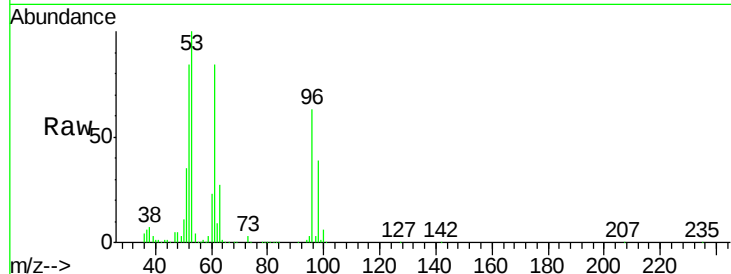
ClientSampleId :

VSTDCCC050

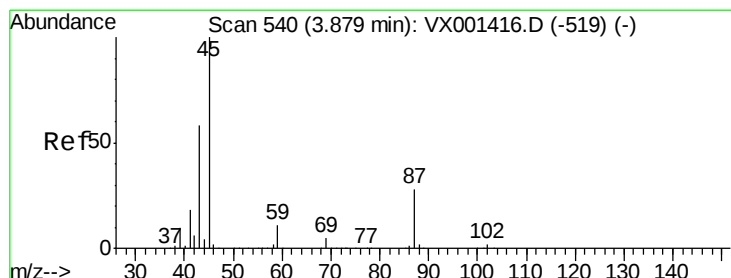
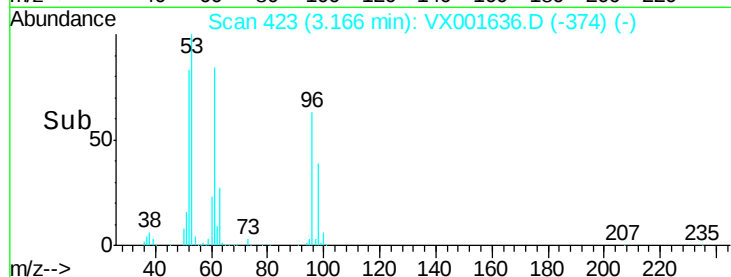
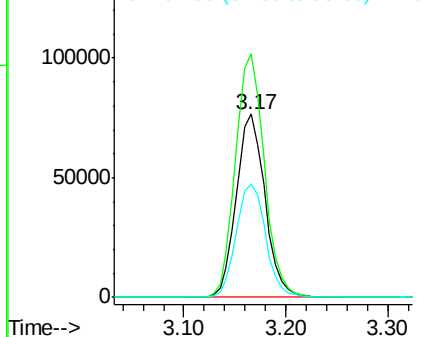
Tot Ion:	96	Resp:	149401
Ion	Ratio	Lower	Upper
96	100		
61	132.7	105.0	157.4
98	61.9	49.9	74.9

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



#22

Diisopropyl ether

Concen: 51.65 ug/l

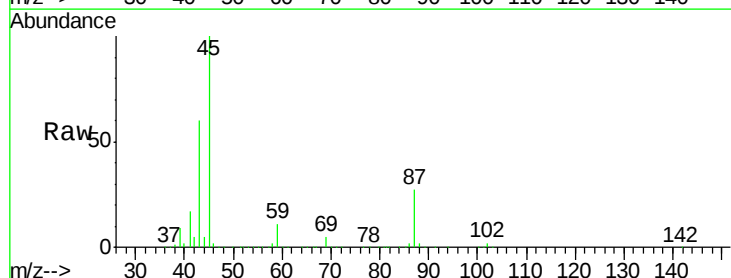
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

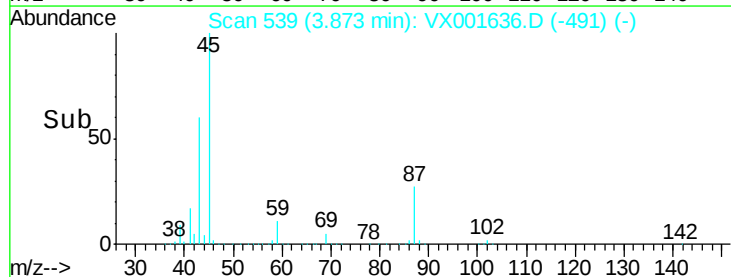
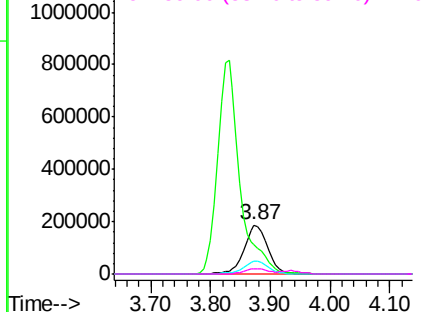
Lab File: VX001636.D

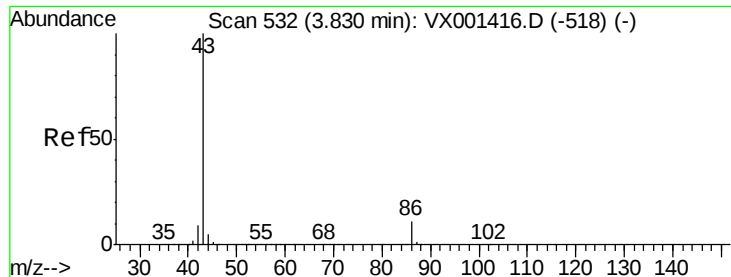
Acq: 11 May 2018 13:08

Tgt Ion:	45	Resp:	514486
Ion	Ratio	Lower	Upper
45	100		
43	60.2	46.5	69.7
87	27.0	22.6	34.0
59	10.9	9.1	13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





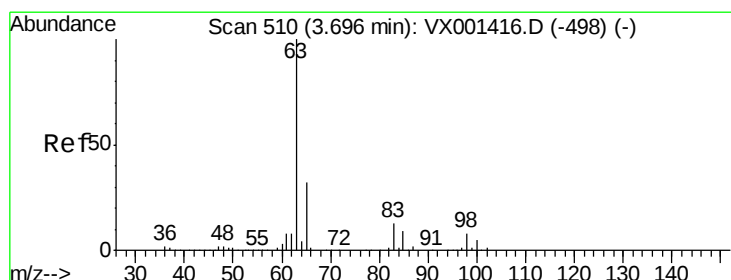
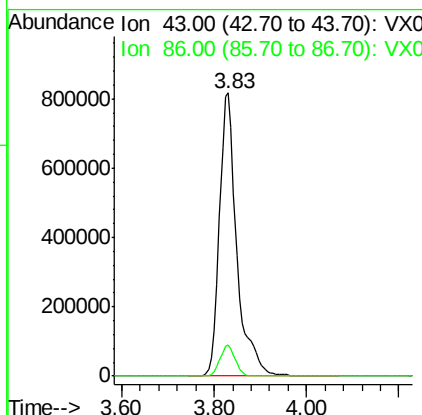
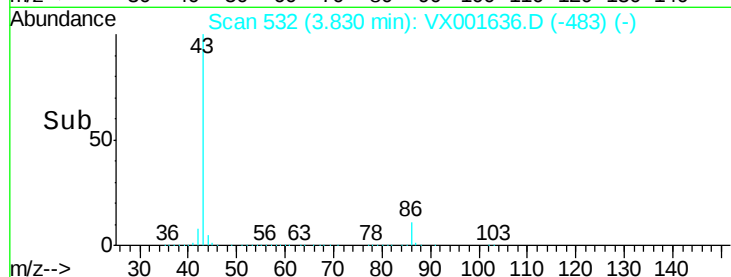
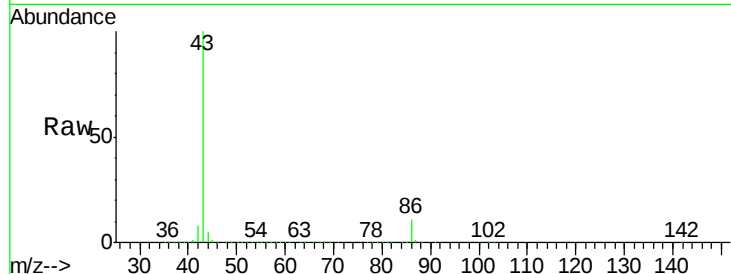
#23
 Vinyl Acetate
 Concen: 256.80 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2131789
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0

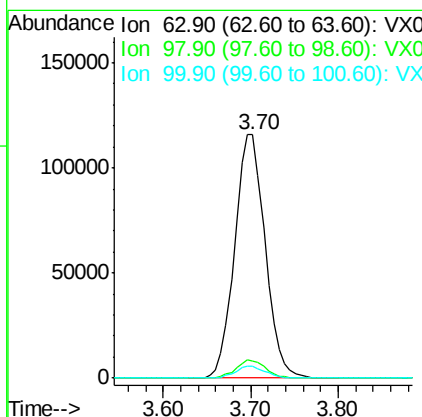
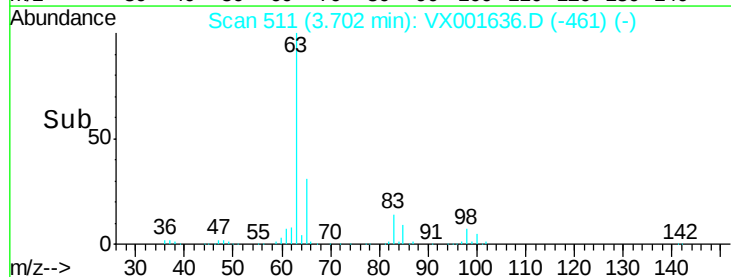
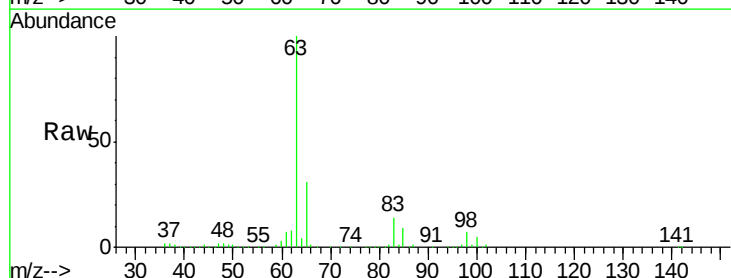
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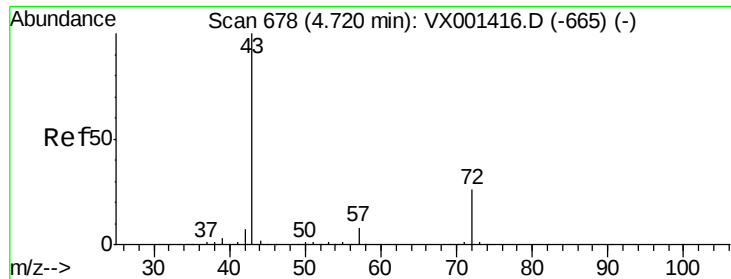
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#24
 1,1-Dichloroethane
 Concen: 50.47 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Tgt Ion: 63 Resp: 280853
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 240.59 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 586534

Ion Ratio Lower Upper

43 100

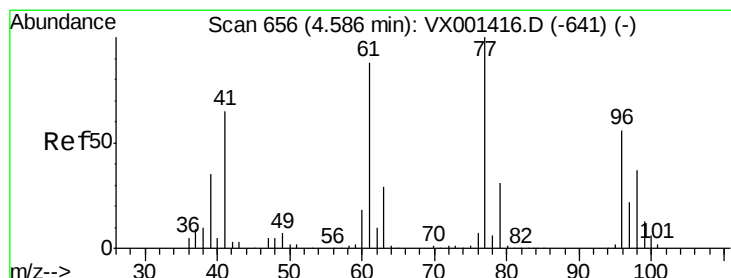
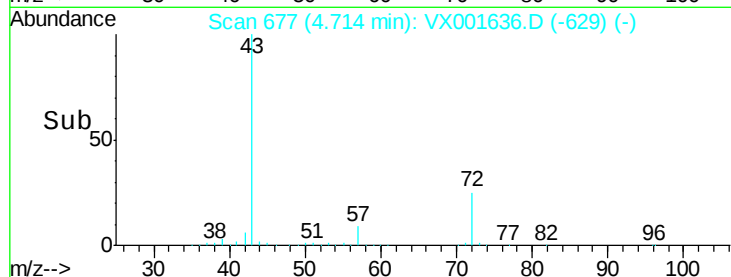
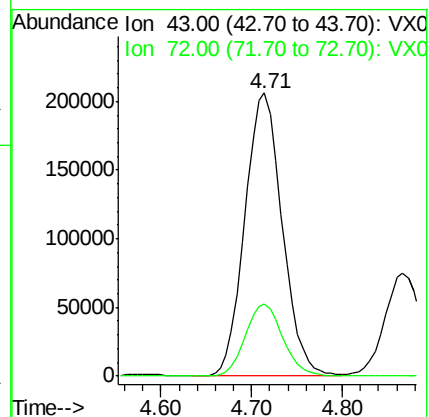
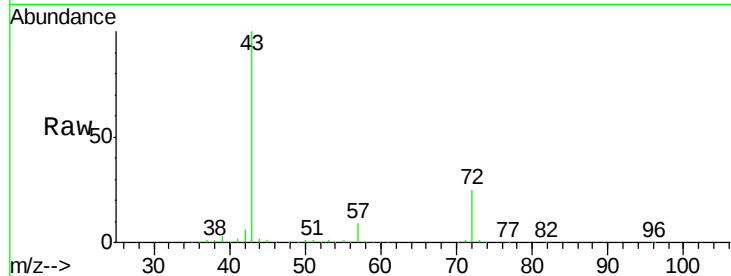
72 25.4 20.7 31.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 56.45 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001636.D

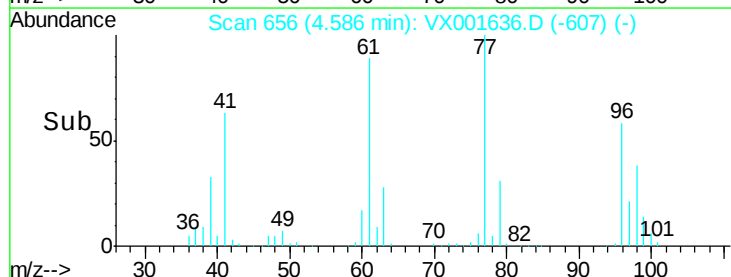
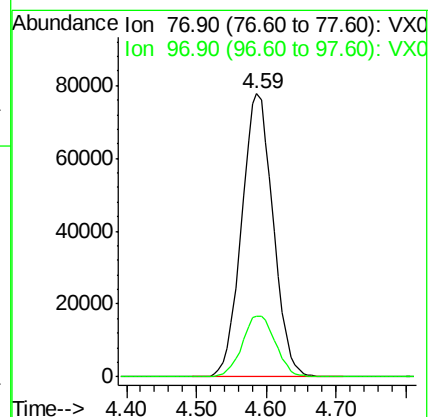
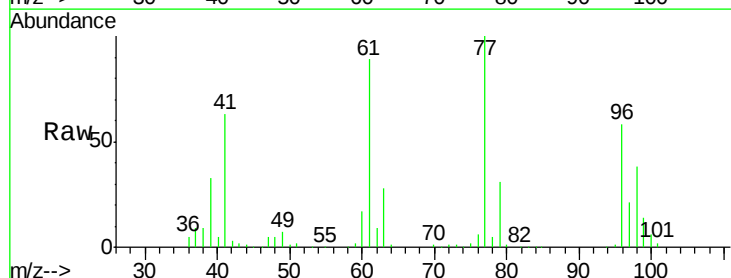
Acq: 11 May 2018 13:08

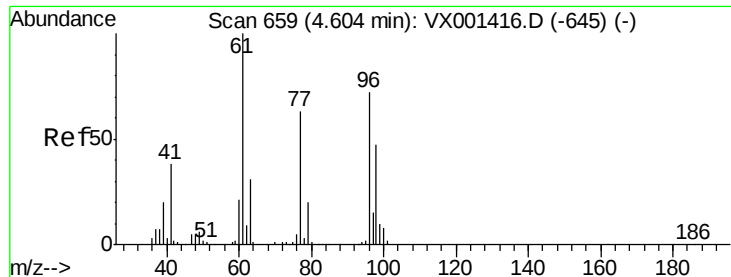
Tgt Ion: 77 Resp: 242567

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.93 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

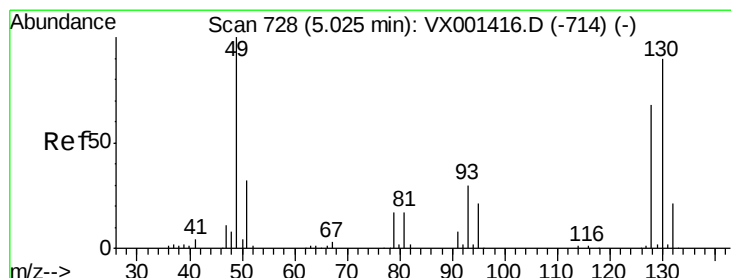
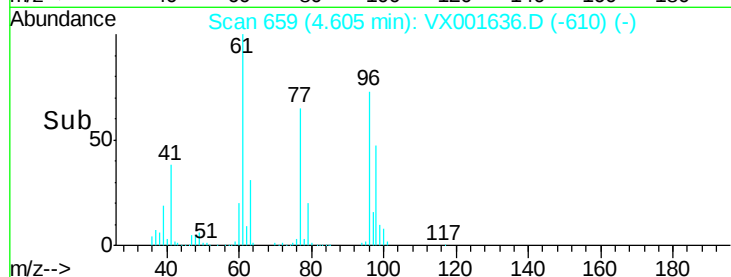
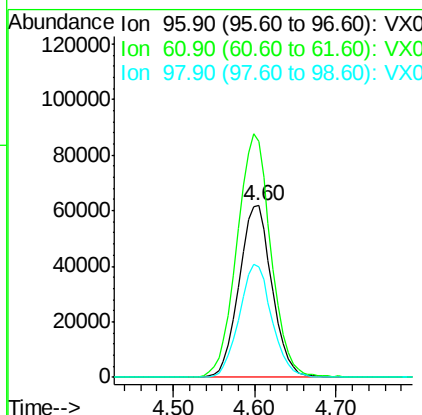
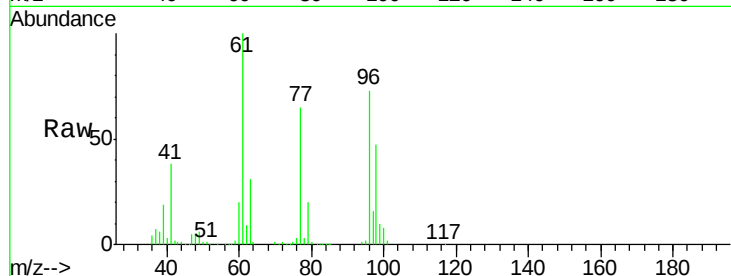
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	173091
Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	301.6
98	65.2	0.0	131.6

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#28

Bromochloromethane

Concen: 49.14 ug/l

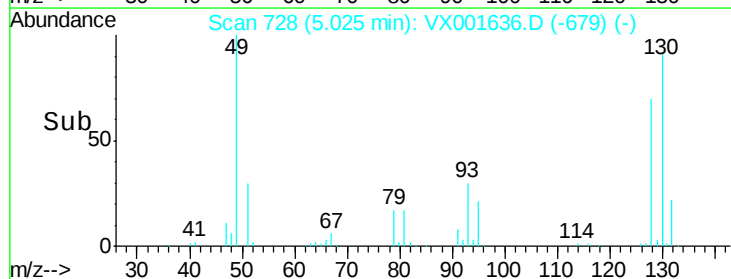
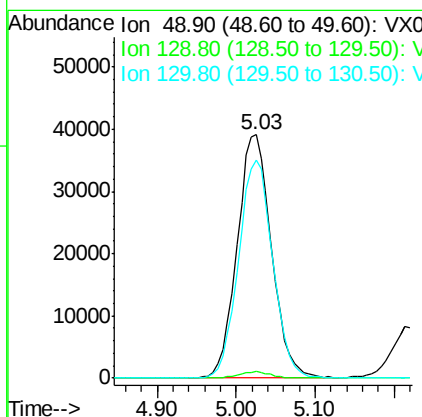
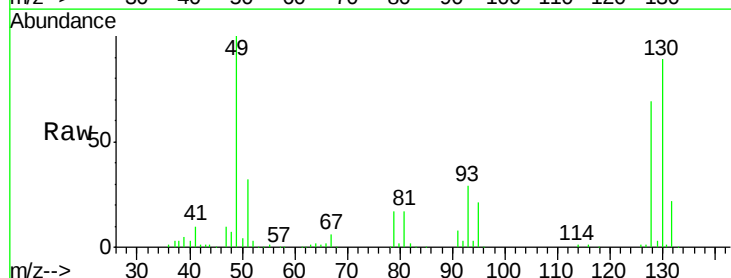
RT: 5.03 min Scan# 728

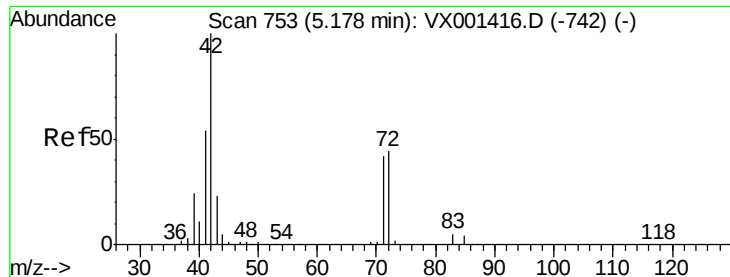
Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Tgt Ion:	49	Resp:	118547
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	89.1	71.9	107.9





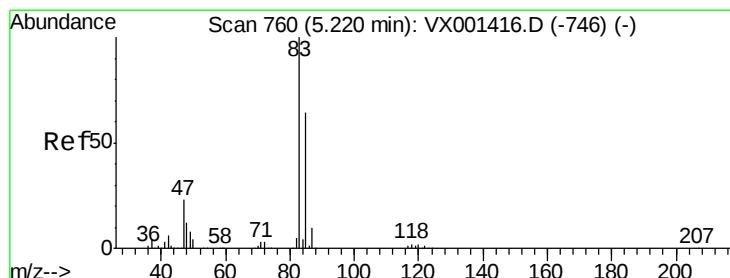
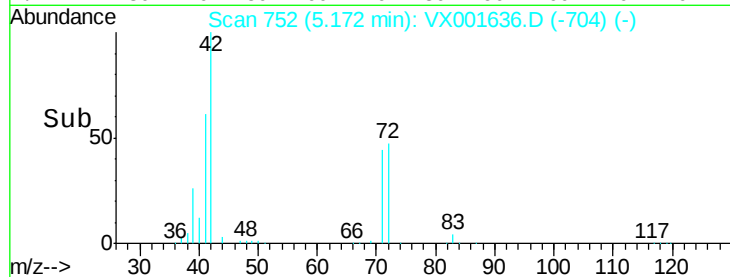
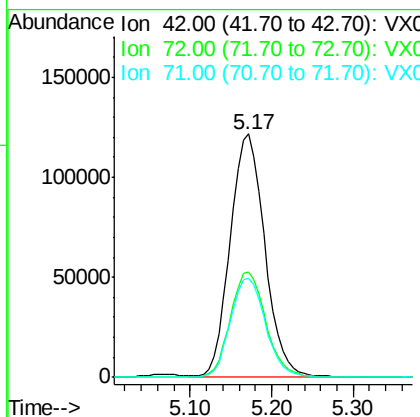
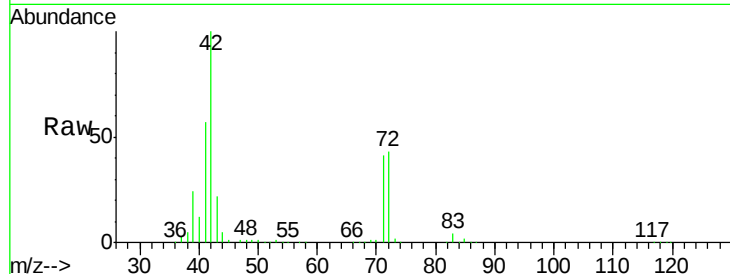
#29
Tetrahydrofuran
Concen: 227.94 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.4	53.2
71	41.5	33.0	49.4

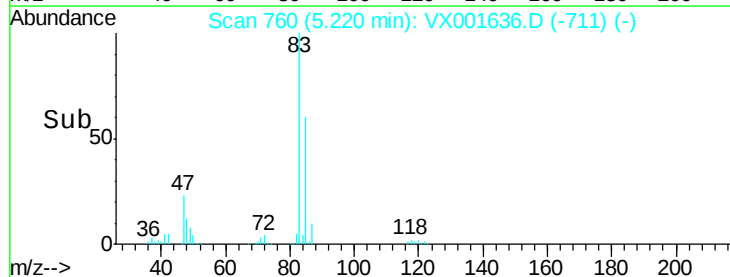
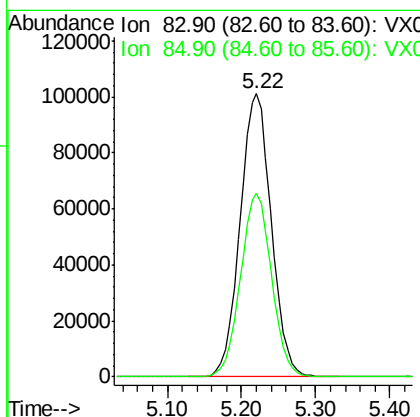
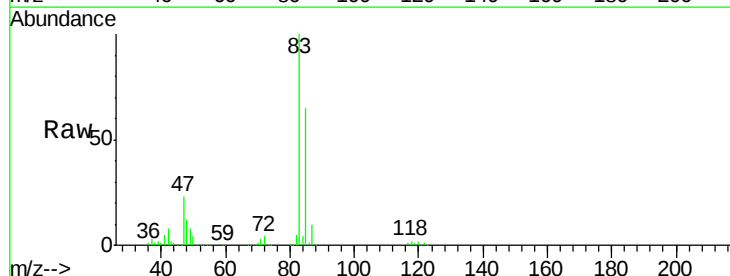
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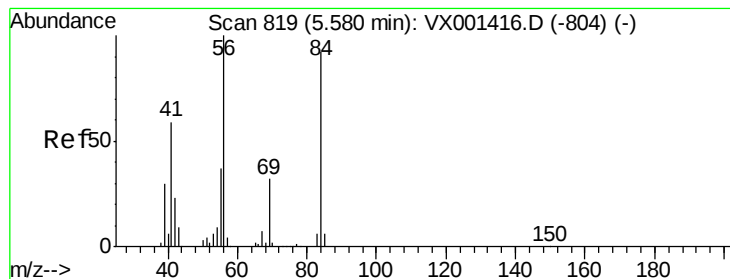
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#30
Chloroform
Concen: 51.83 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.0	76.4





#31

Cyclohexane

Concen: 52.01 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

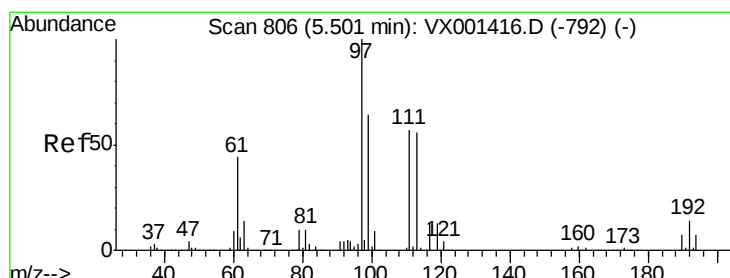
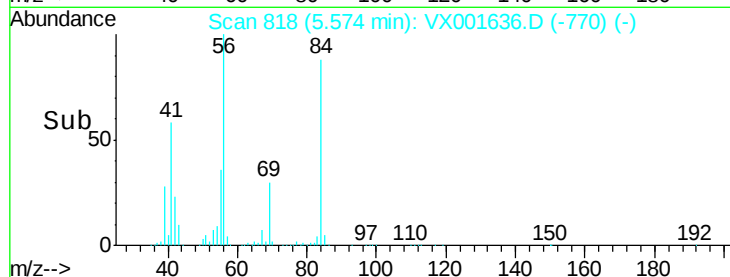
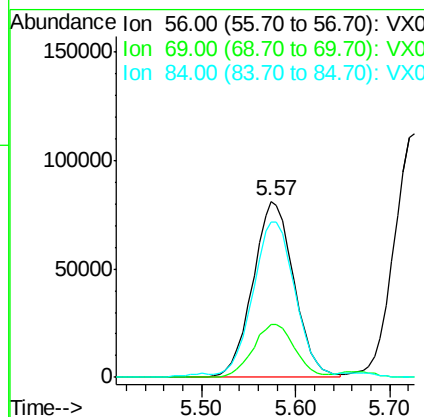
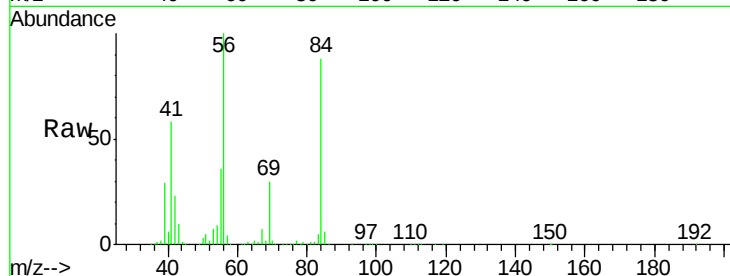
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	248581
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.4	38.0
84	86.9	73.8	110.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.21 ug/l

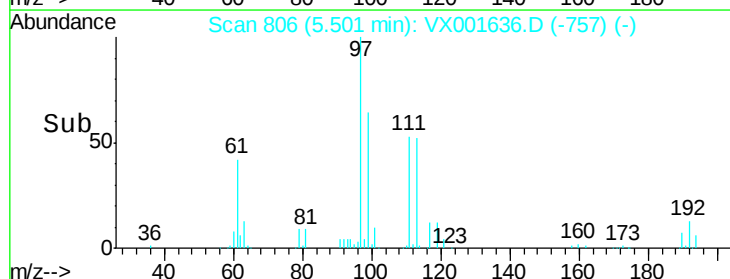
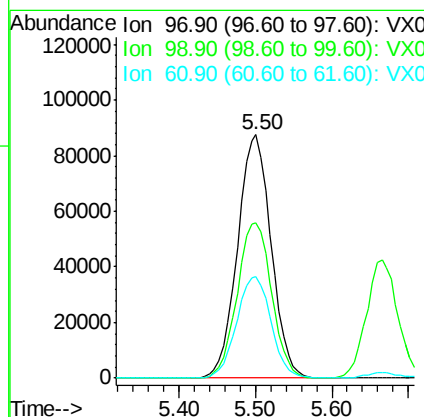
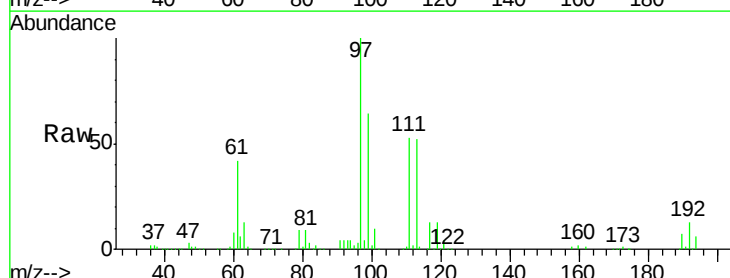
RT: 5.50 min Scan# 806

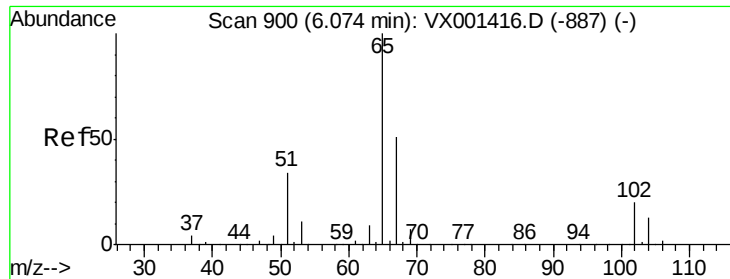
Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Tgt Ion:	97	Resp:	266531
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.3	76.9
61	42.9	34.8	52.2





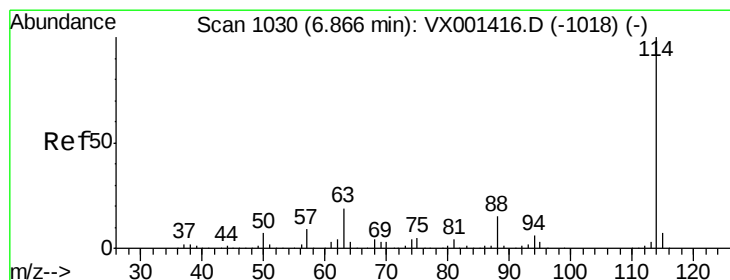
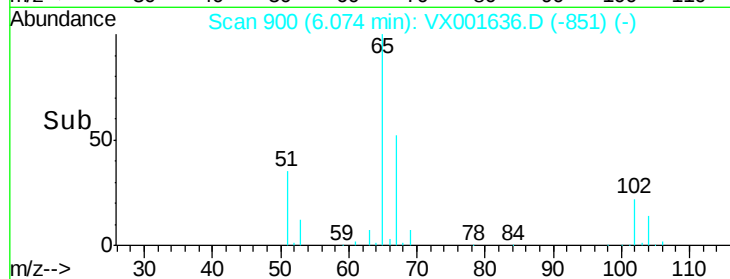
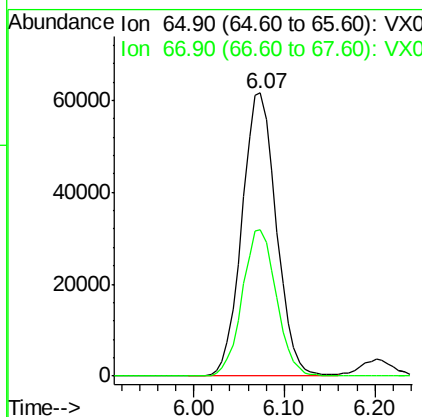
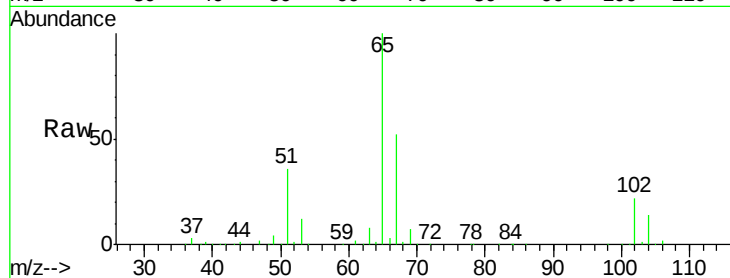
#33
 1,2-Dichloroethane-d4
 Concen: 43.55 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161765		
67	51.4	0.0	101.8	

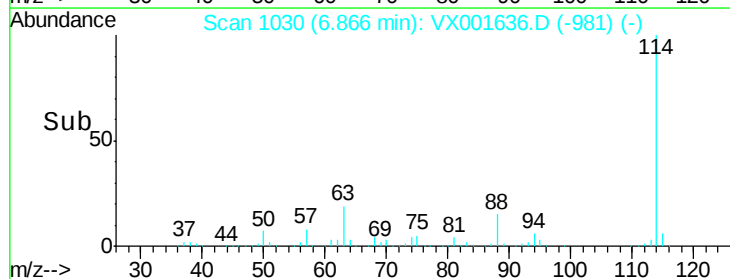
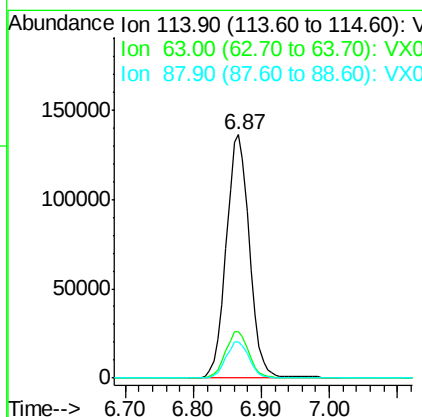
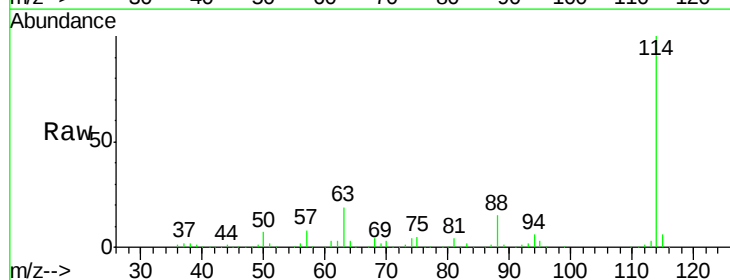
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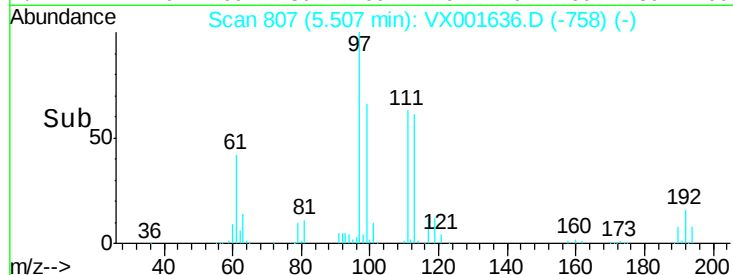
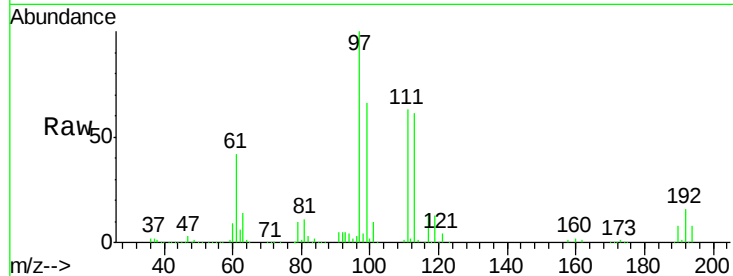
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	322716		
63	19.3	0.0	38.6	
88	15.1	0.0	30.8	





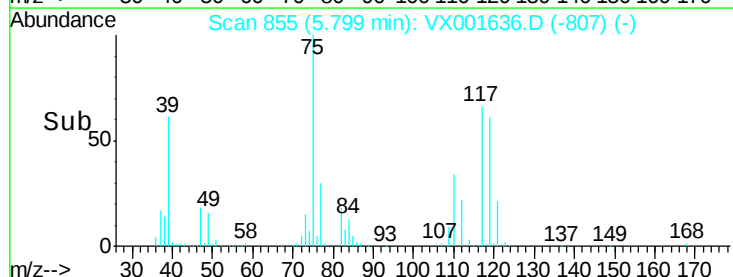
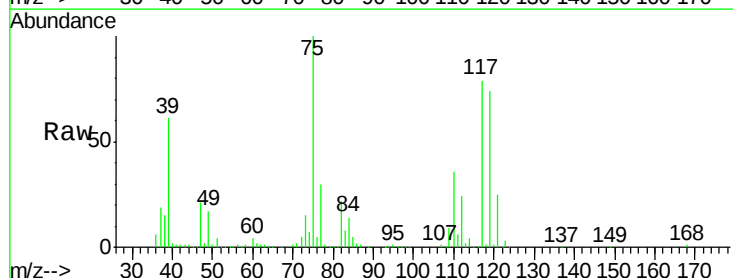
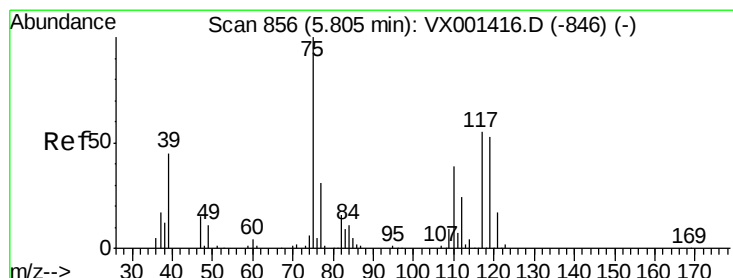
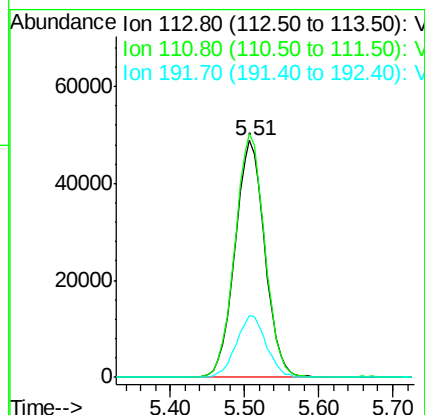
#35
Dibromofluoromethane
Concen: 47.76 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137082		
111	102.7	82.2	123.2	
192	26.3	21.4	32.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

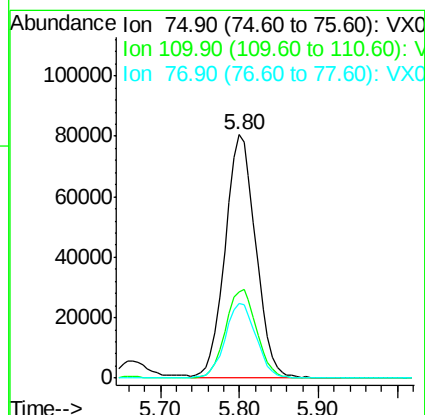
Manual Integrations
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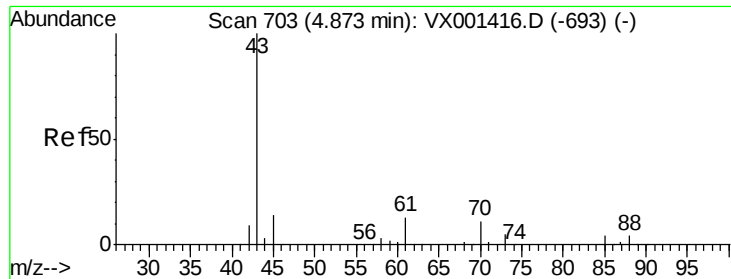
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#36
1,1-Dichloropropene
Concen: 52.63 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216033		
110	37.3	18.9	56.7	
77	31.3	24.9	37.3	





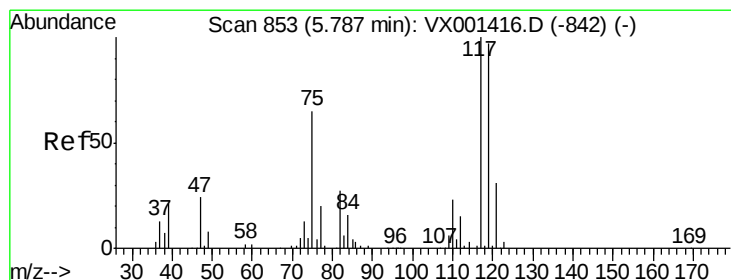
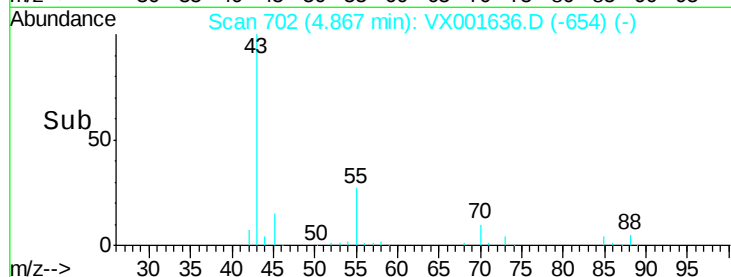
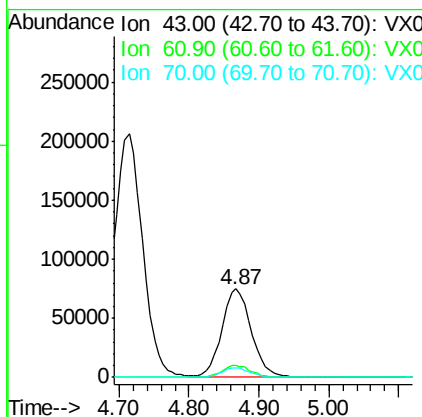
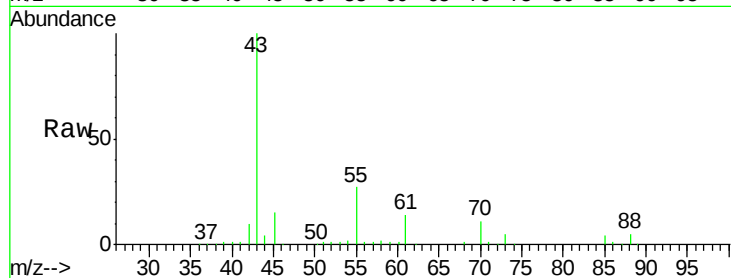
#37
Ethyl Acetate
Concen: 48.63 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.6	8.4	12.6

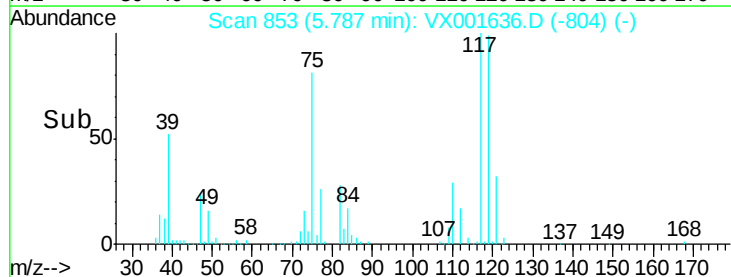
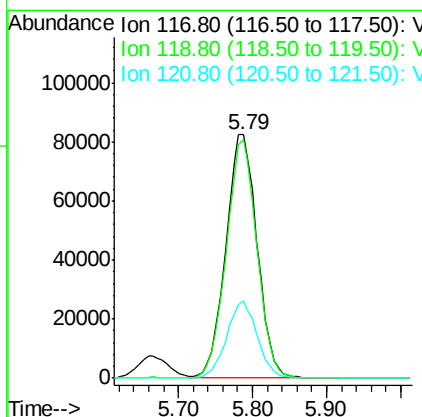
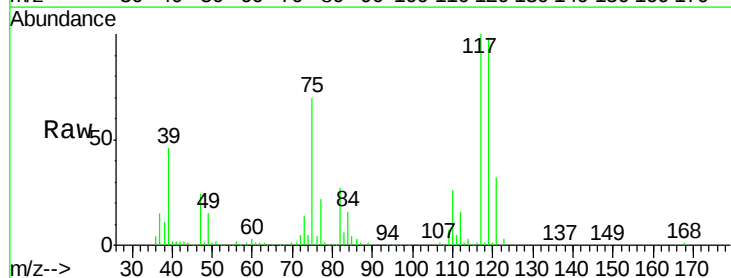
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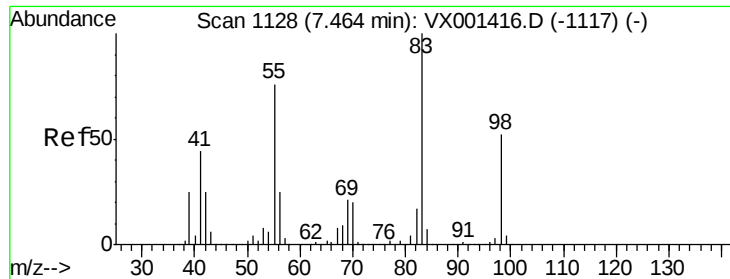
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#38
Carbon Tetrachloride
Concen: 55.26 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

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





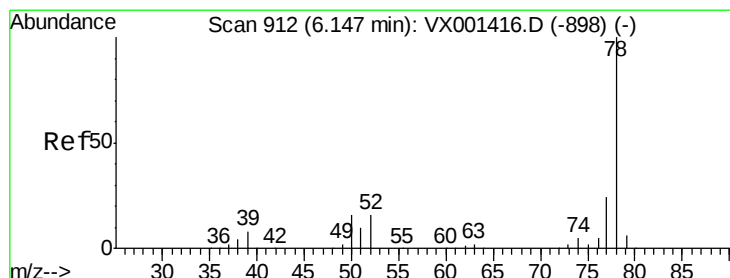
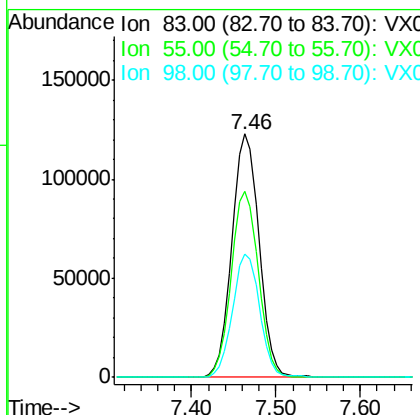
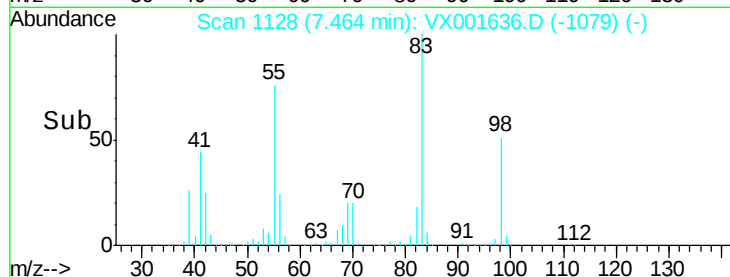
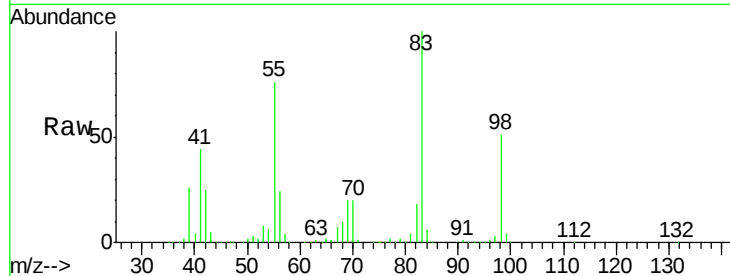
#39
Methvlcvclohexane
Concen: 55.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	268099		
55	76.4		60.9	91.3
98	50.8		41.9	62.9

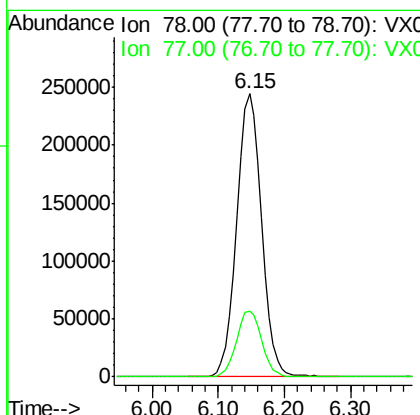
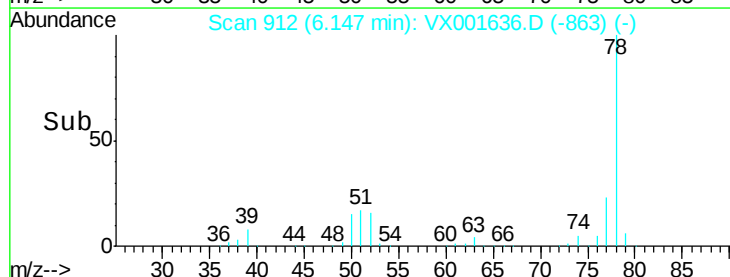
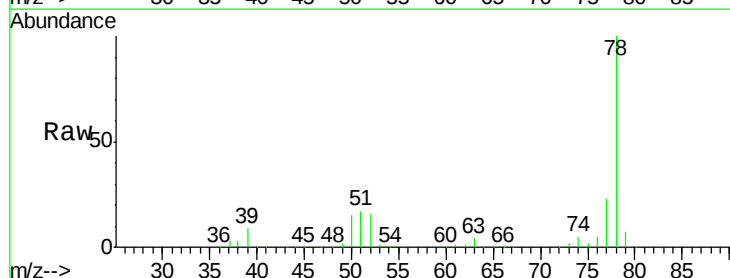
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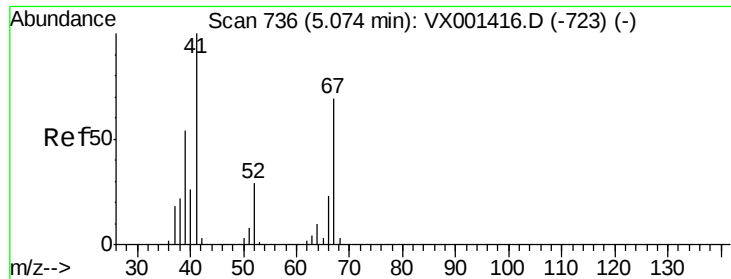
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#40
Benzene
Concen: 53.30 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	639116		
77	23.2		19.4	29.2





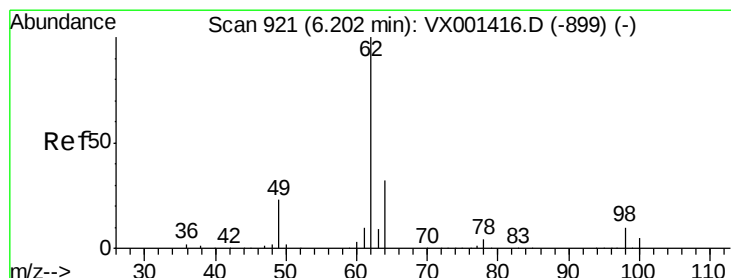
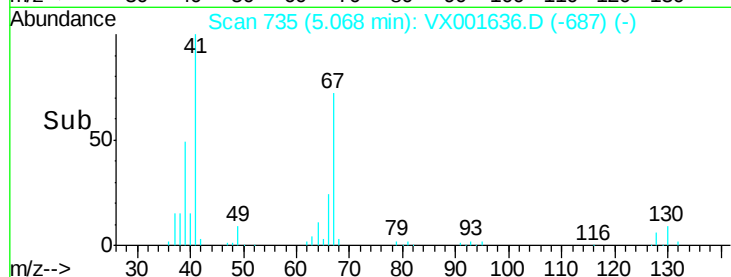
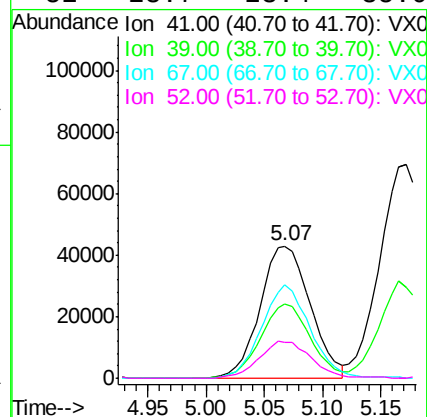
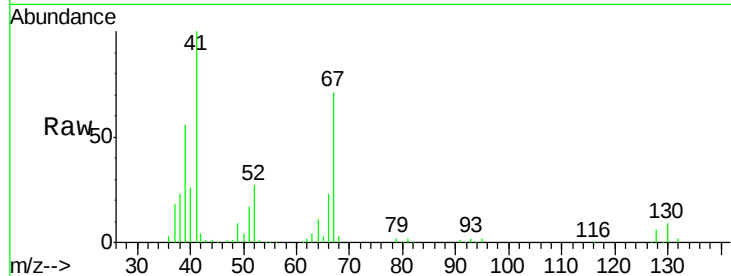
#41
Methacrylonitrile
Concen: 49.76 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	45.0	67.6		
67	68.7	55.0	82.6		
52	28.7	23.4	35.0		

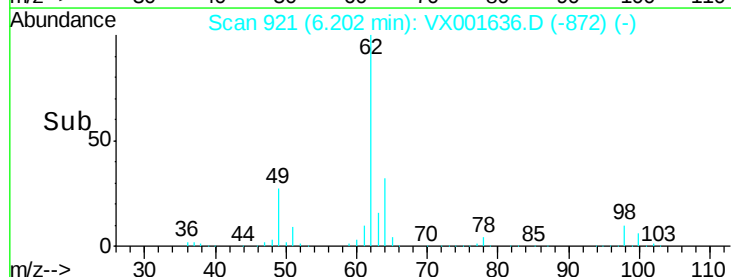
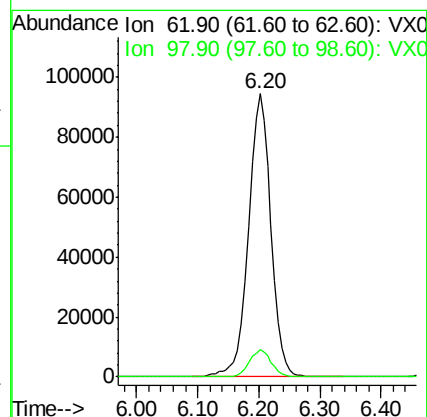
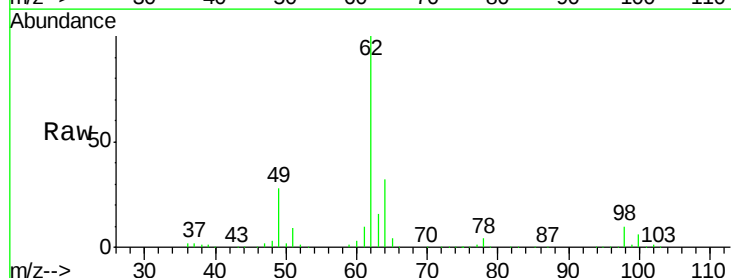
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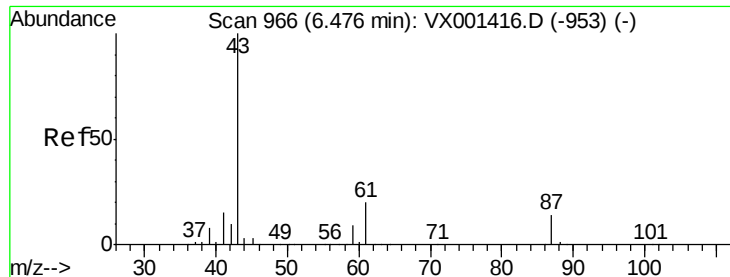
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#42
1,2-Dichloroethane
Concen: 52.24 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.5	0.0	19.0		





#43

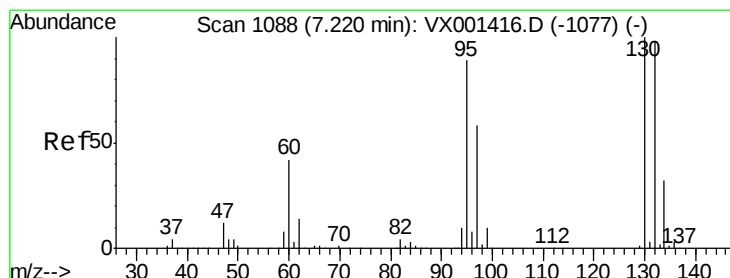
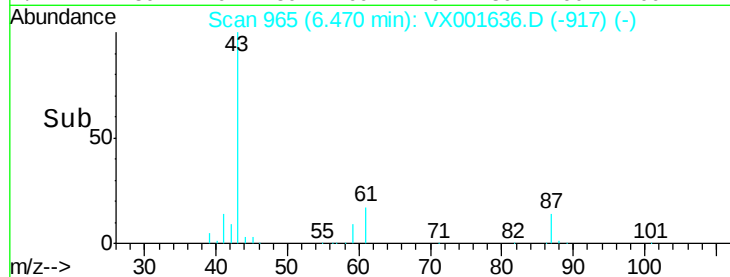
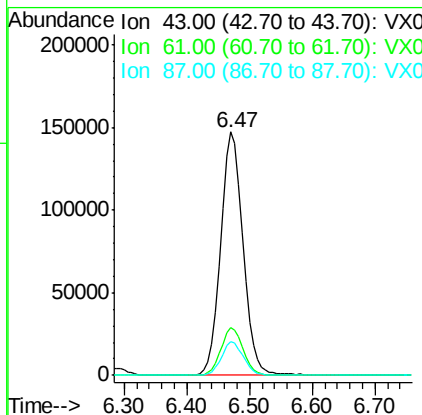
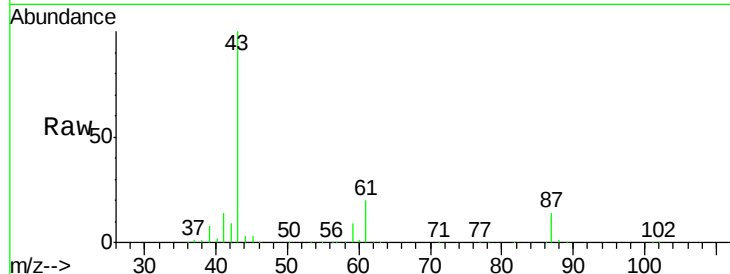
Isopropyl Acetate
 Concen: 52.59 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.0
87	13.7	10.8	16.2

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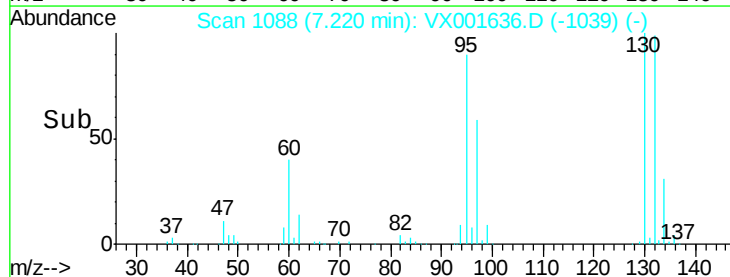
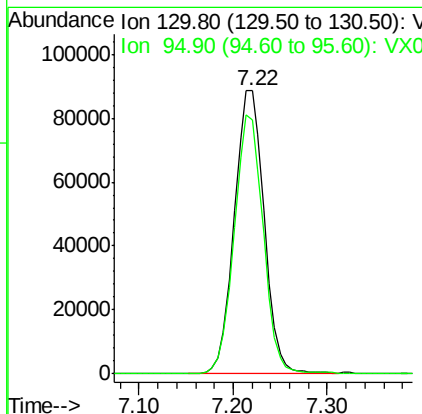
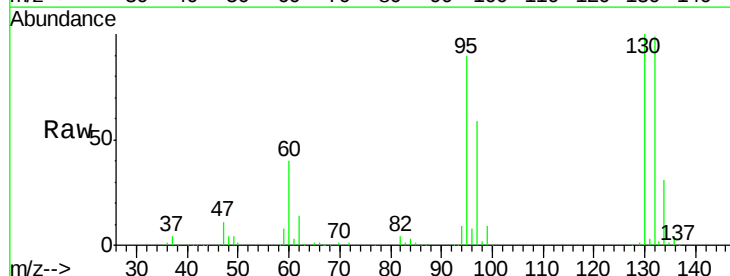
apatel
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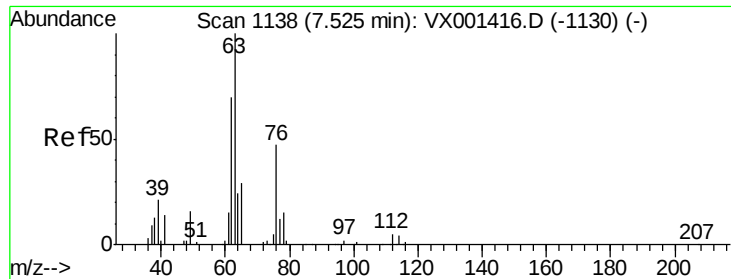


#44

Trichloroethene
 Concen: 53.42 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	178.4





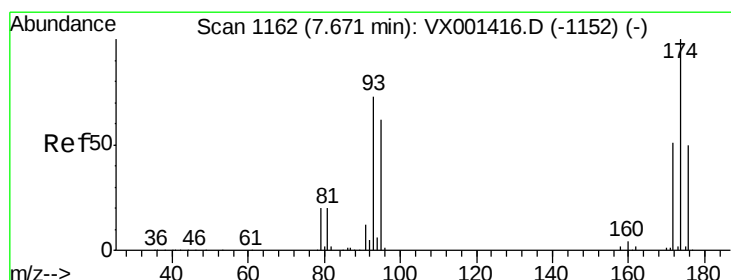
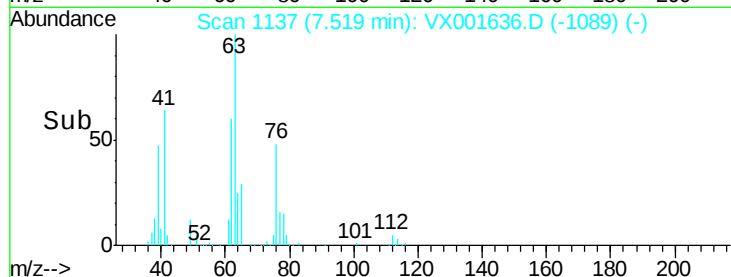
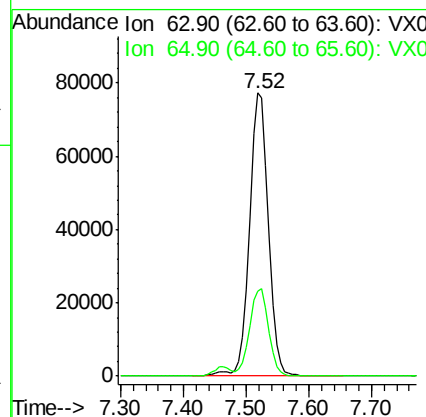
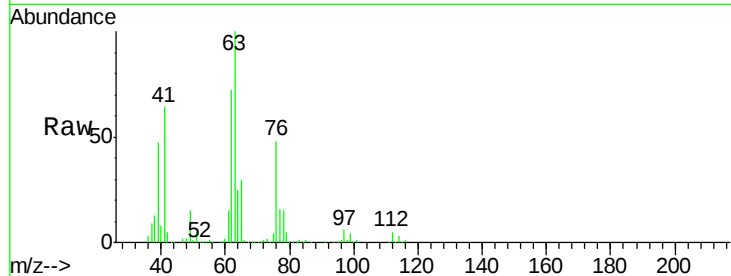
#45
 1,2-Dichloropropane
 Concen: 53.77 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.5	36.7

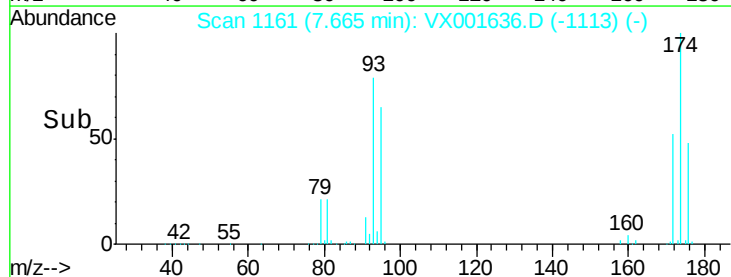
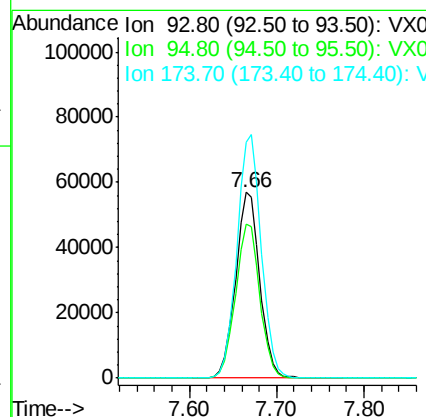
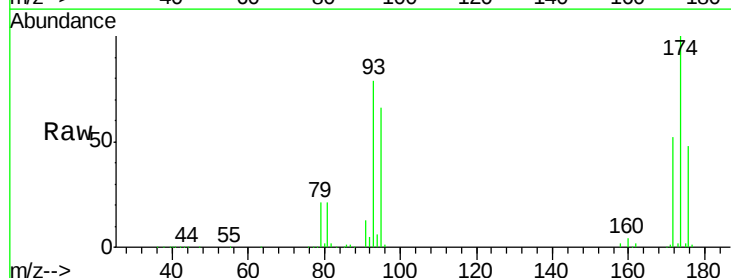
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#46
 Dibromomethane
 Concen: 51.79 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.0	100.4
174	131.9	104.5	156.7





#47

Bromodichloromethane

Concen: 56.55 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

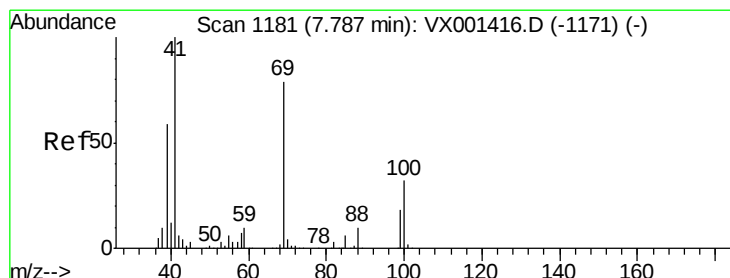
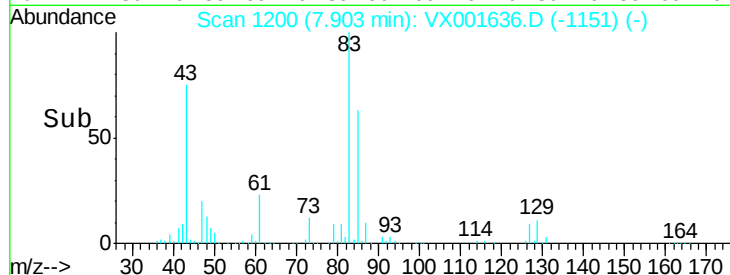
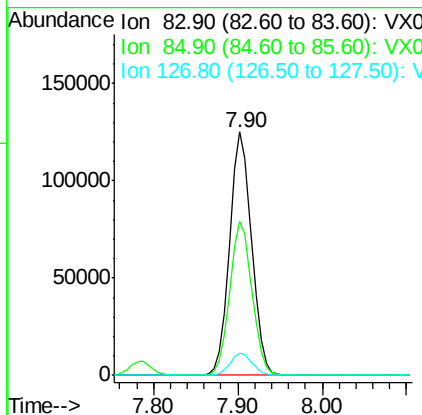
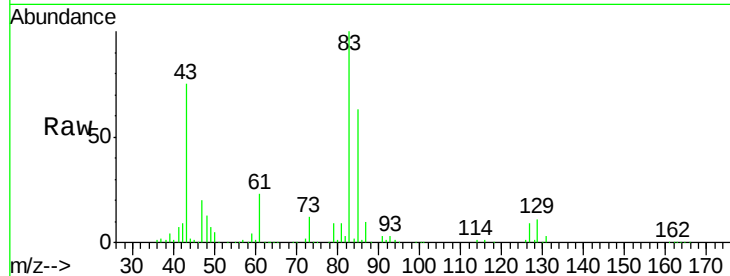
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	221456
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.0	76.6
127	9.0	7.4	11.2

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#48

Methyl methacrylate

Concen: 51.35 ug/l

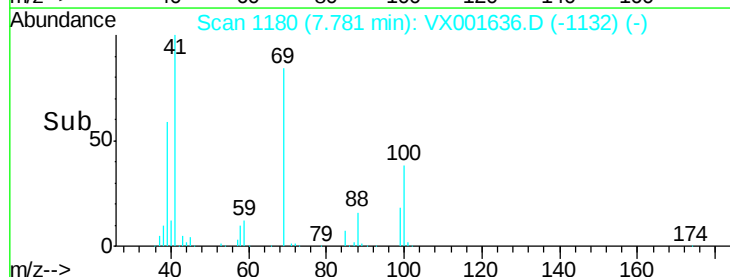
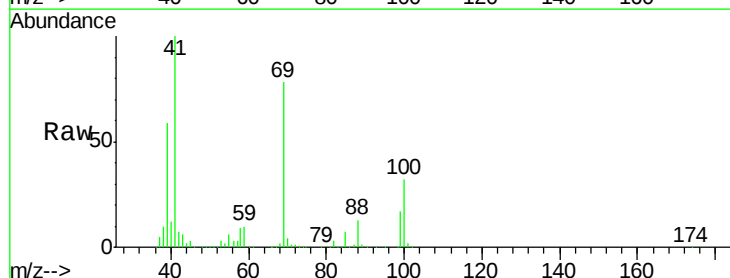
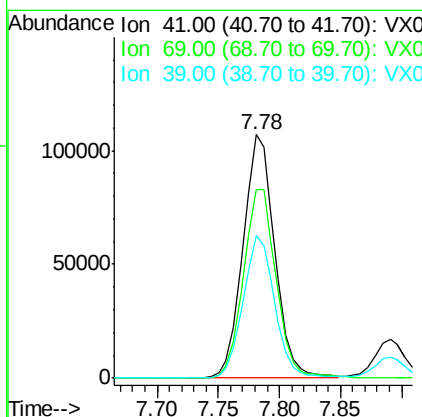
RT: 7.78 min Scan# 1180

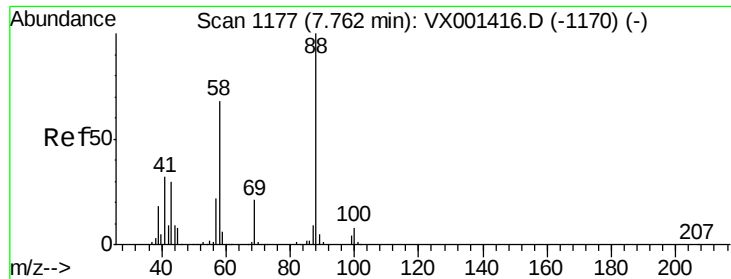
Delta R.T. -0.01 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Tgt Ion:	41	Resp:	193153
Ion Ratio	Lower	Upper	
41	100		
69	80.6	63.4	95.2
39	58.3	47.0	70.4





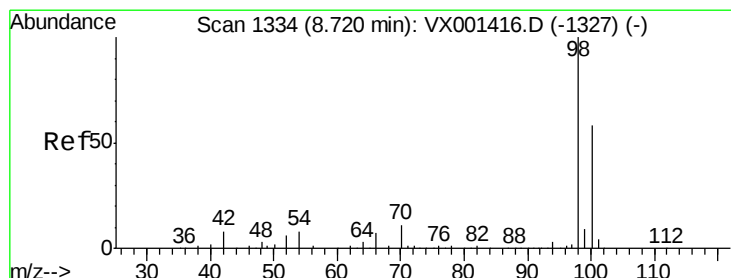
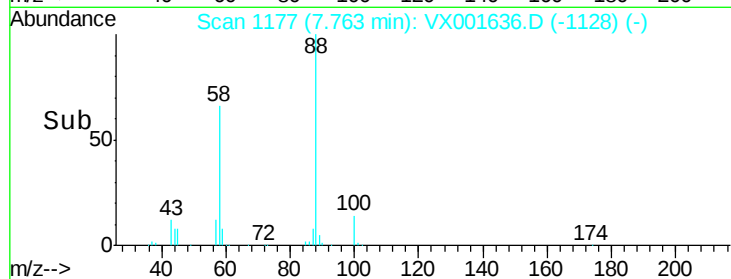
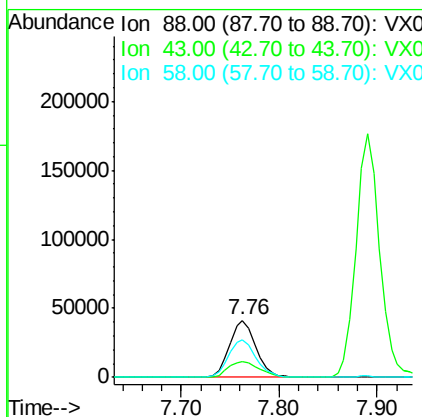
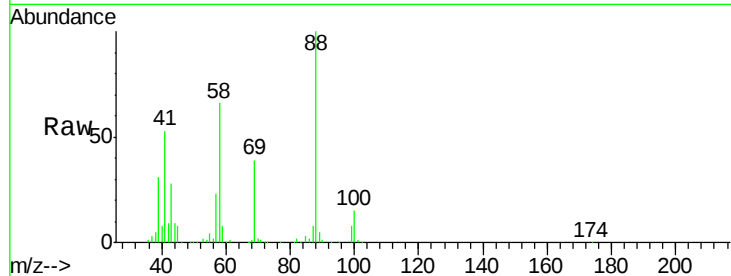
#49
1,4-Dioxane
Concen: 955.46 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.4	39.6
58	68.4	54.1	81.1

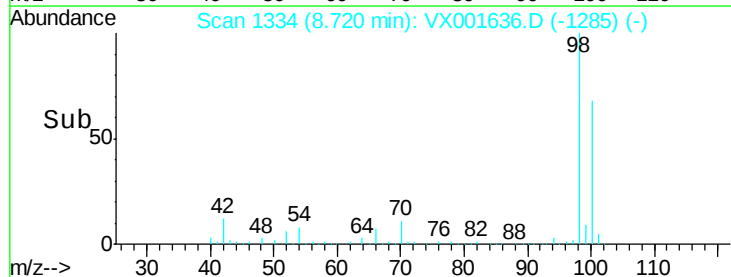
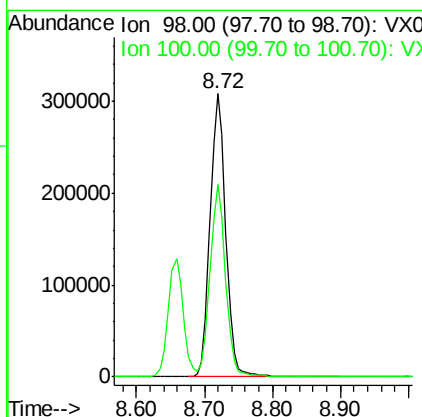
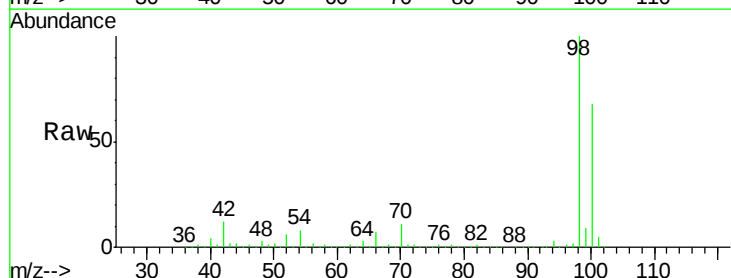
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#50
Toluene-d8
Concen: 47.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	54.0	81.0





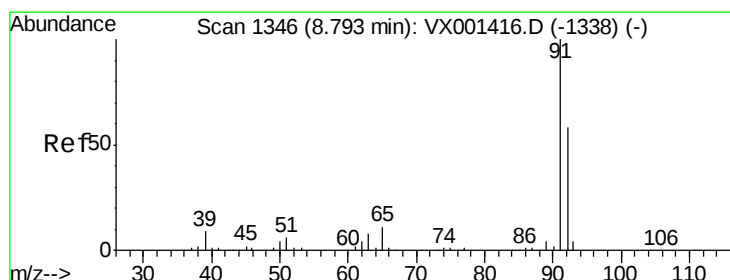
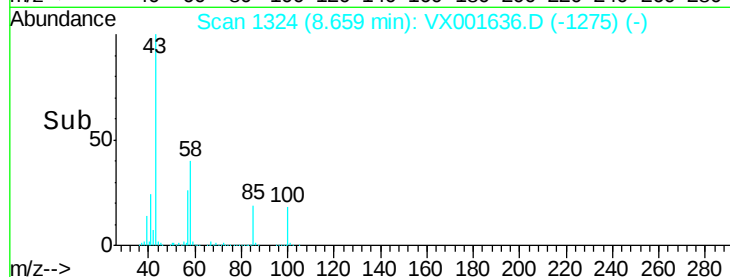
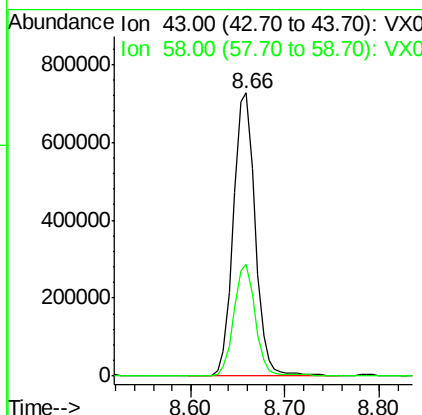
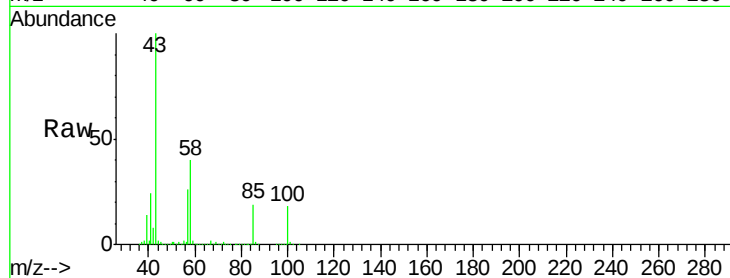
#51
4-Methyl-2-Pentanone
Concen: 255.55 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1173073
Ion Ratio Lower Upper
43 100
58 38.7 30.8 46.2

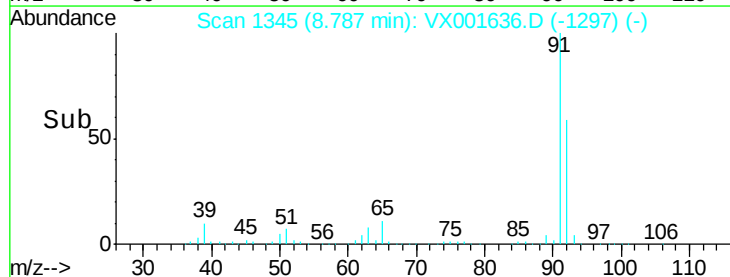
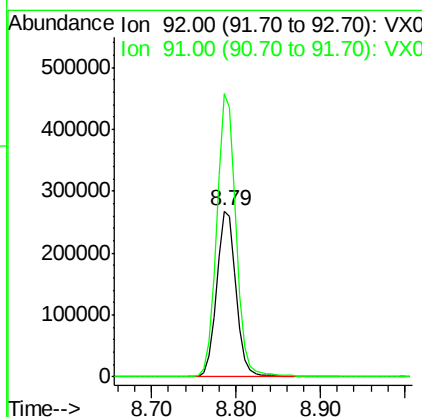
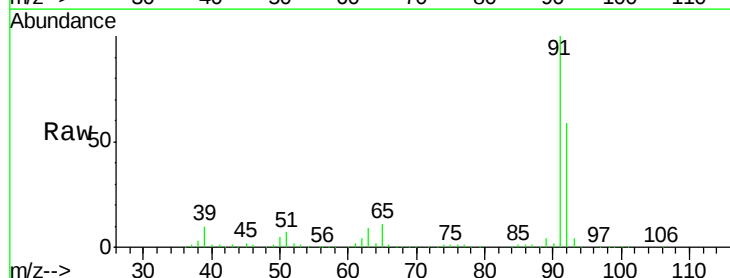
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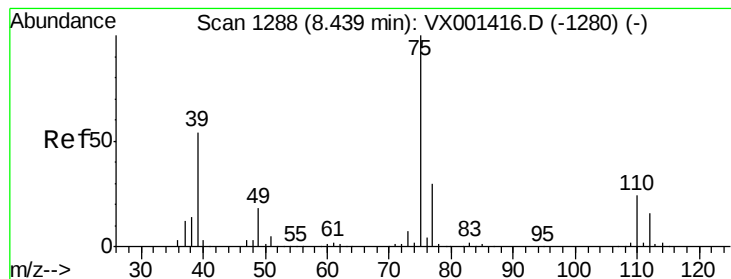
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#52
Toluene
Concen: 54.64 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion: 92 Resp: 428400
Ion Ratio Lower Upper
92 100
91 169.4 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 58.77 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 260136

Ion Ratio Lower Upper

75 100

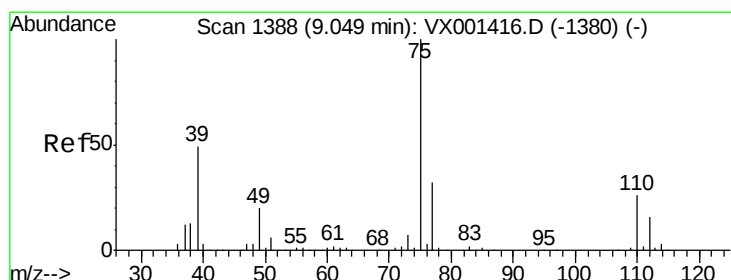
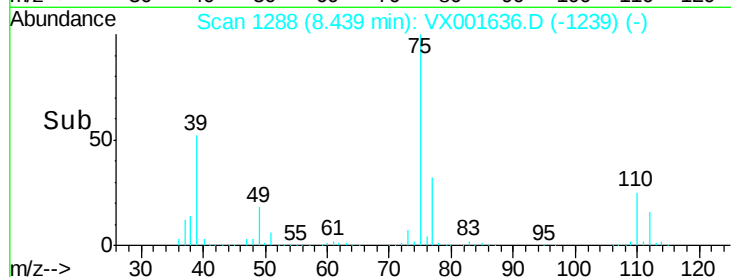
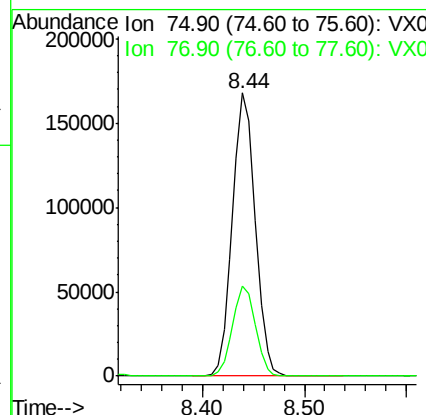
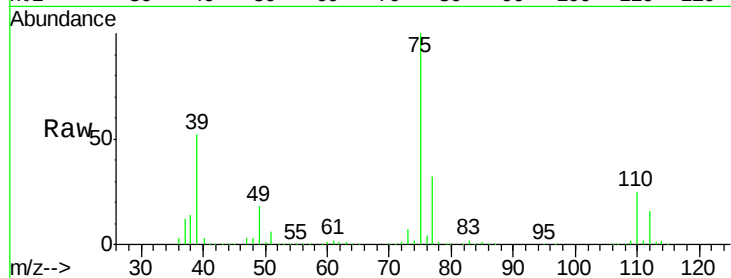
77 32.1 24.2 36.4

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#54

cis-1,3-Dichloropropene

Concen: 53.13 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

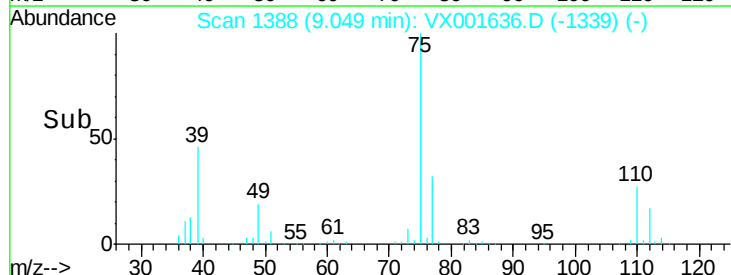
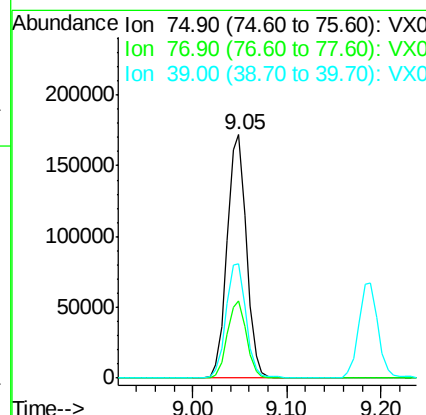
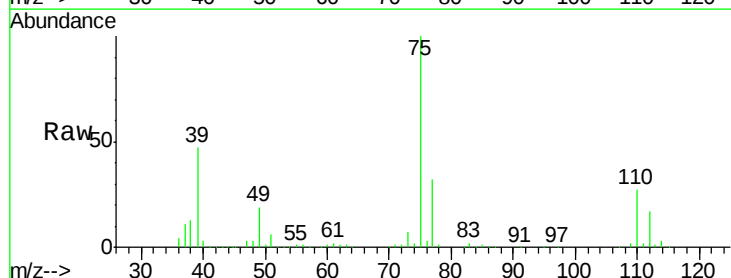
Tgt Ion: 75 Resp: 243808

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 46.7 38.9 58.3





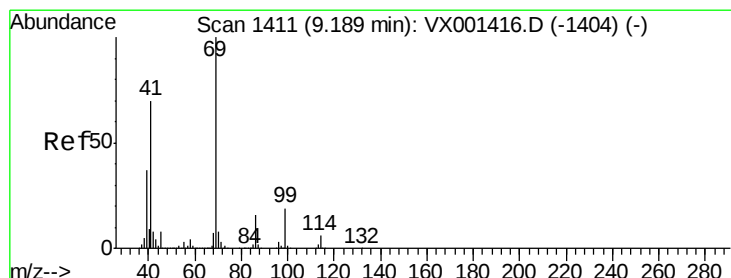
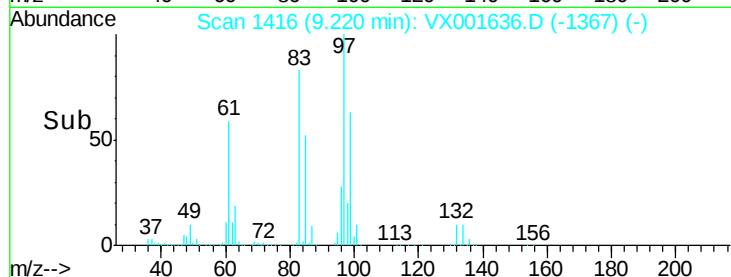
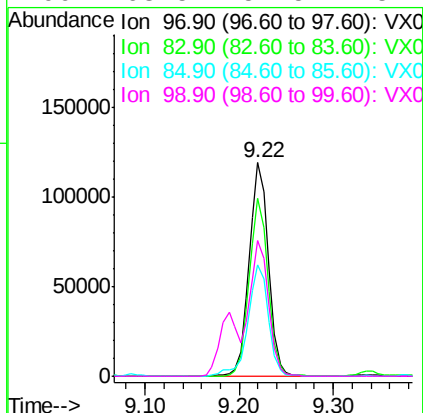
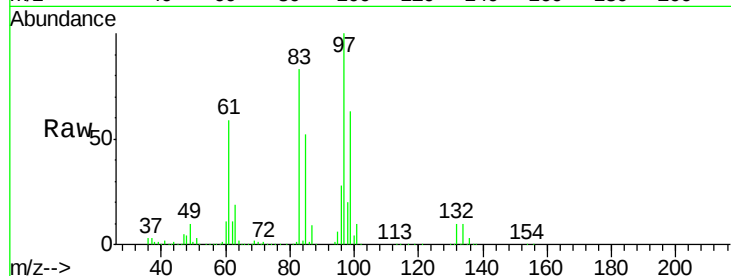
#55
 1,1,2-Trichloroethane
 Concen: 54.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	171668
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.4	101.0
85	52.3	43.3	64.9
99	63.5	52.5	78.7

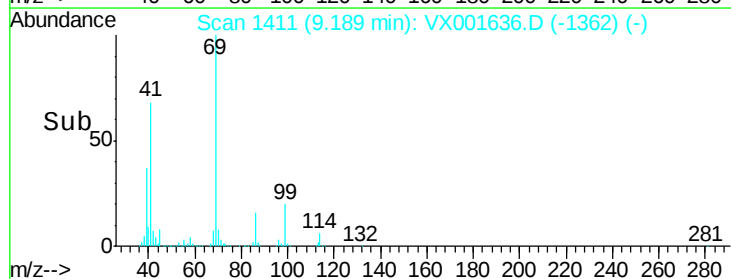
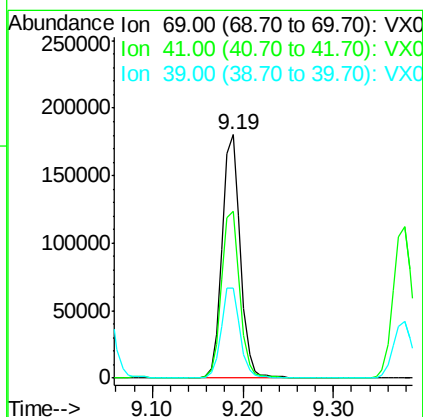
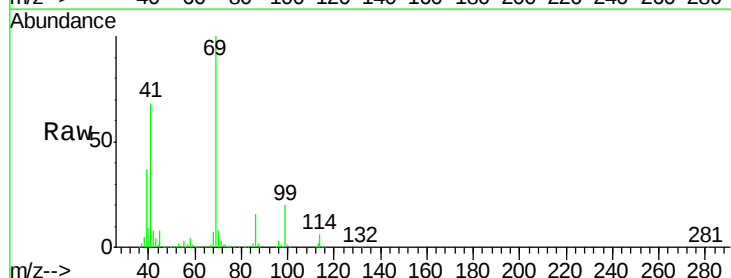
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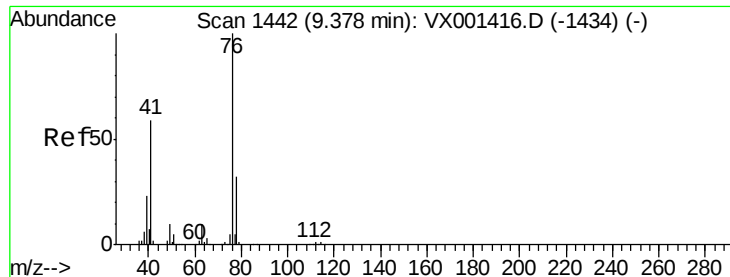
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#56
 Ethyl methacrylate
 Concen: 55.39 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Tgt Ion:	69	Resp:	252182
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.1	82.7
39	38.0	29.9	44.9





#57

1,3-Dichloropropane

Concen: 51.69 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 269945

Ion Ratio Lower Upper

76 100

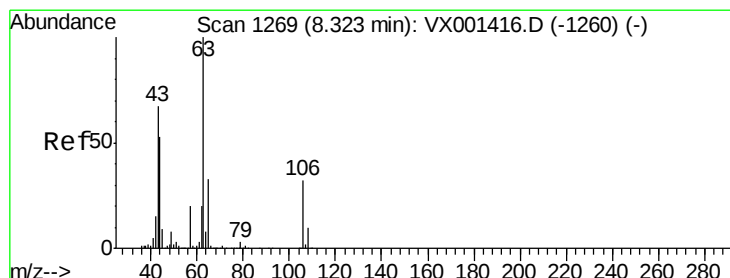
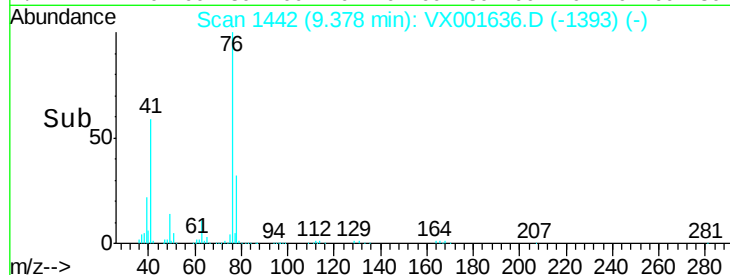
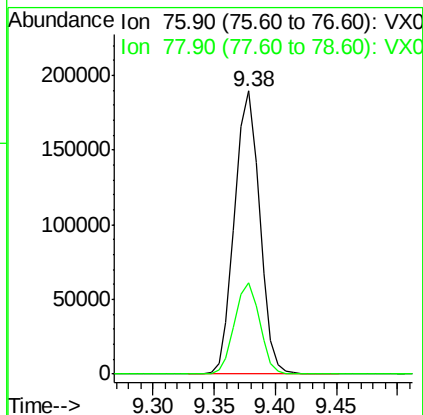
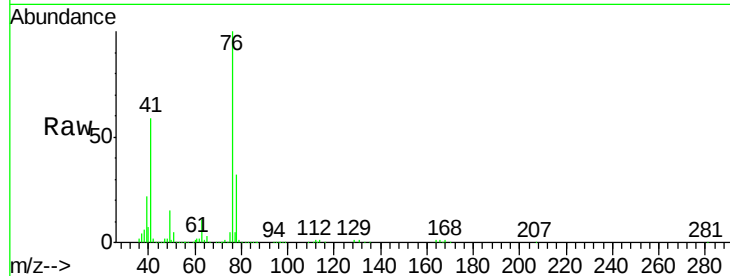
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 280.58 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001636.D

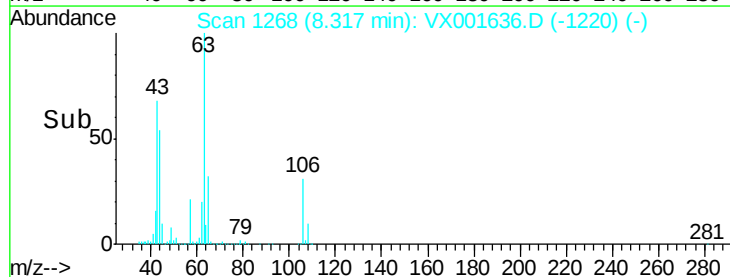
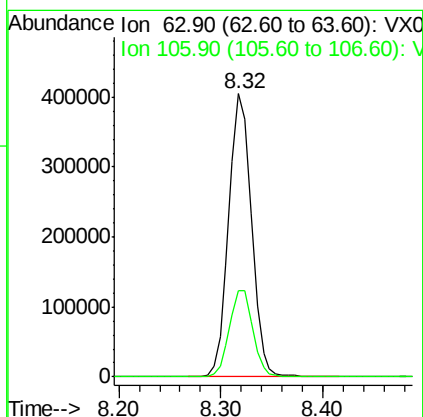
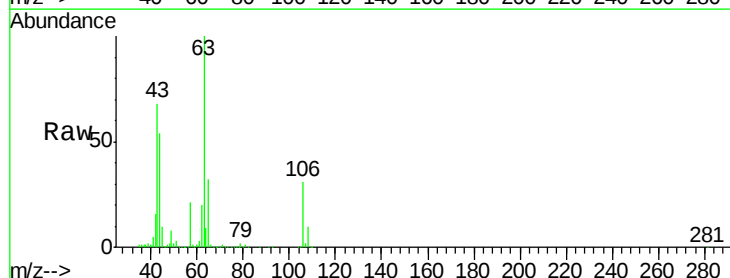
Acq: 11 May 2018 13:08

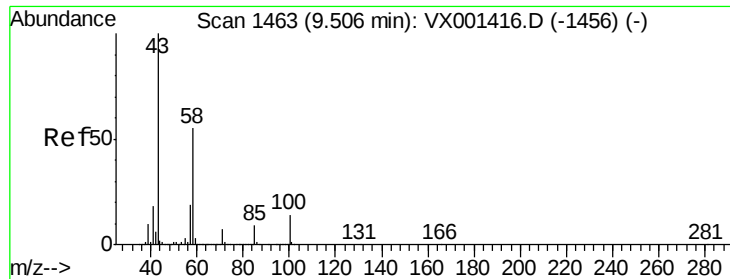
Tgt Ion: 63 Resp: 626595

Ion Ratio Lower Upper

63 100

106 31.5 25.4 38.0





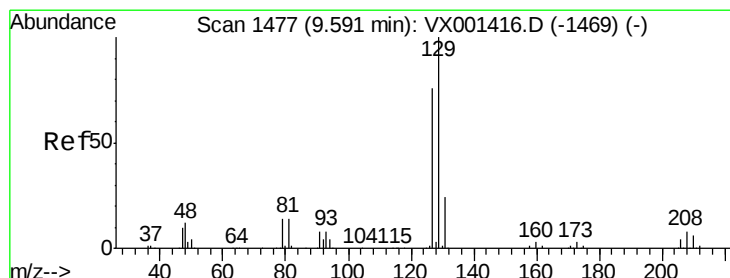
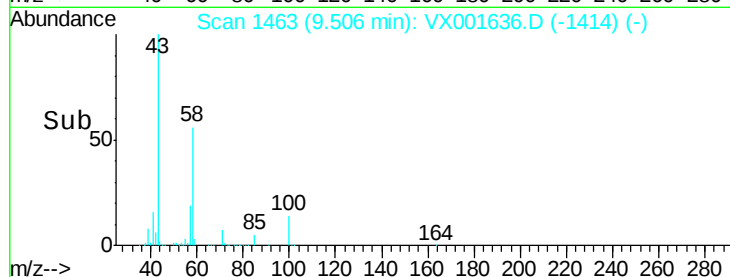
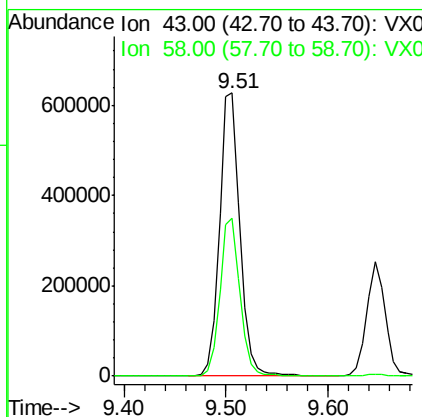
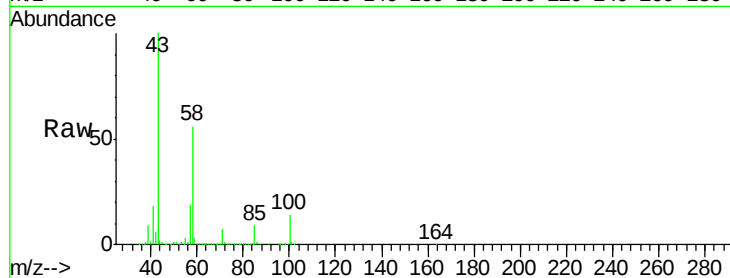
#59
2-Hexanone
Concen: 250.67 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.1	81.2

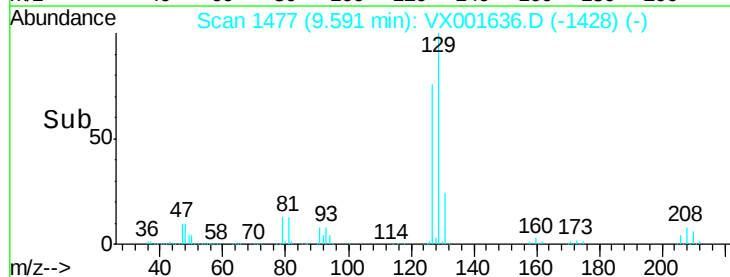
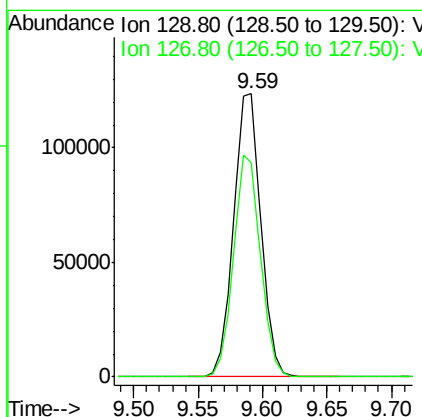
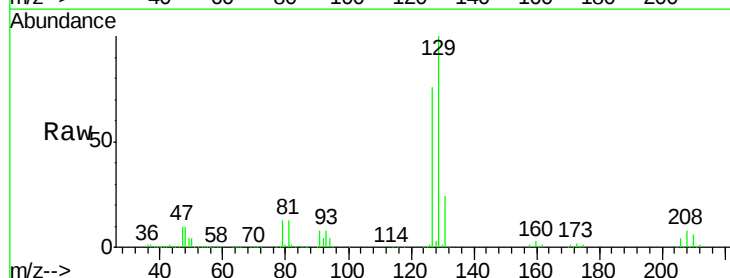
Manual Integrations
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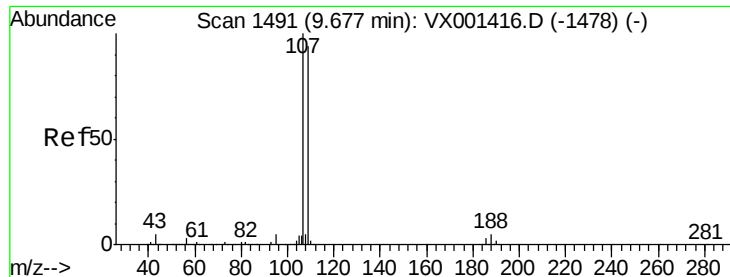
apatel
5/14/2018 3:58:11 PM



#60
Dibromochloromethane
Concen: 56.37 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.1	114.5





#61

1,2-Dibromoethane

Concen: 52.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 173468

Ion Ratio Lower Upper

107 100

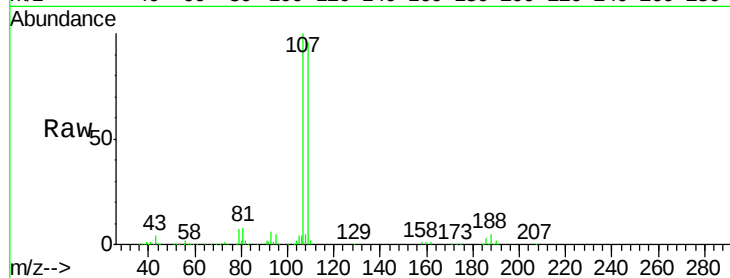
109 95.3 75.5 113.3

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

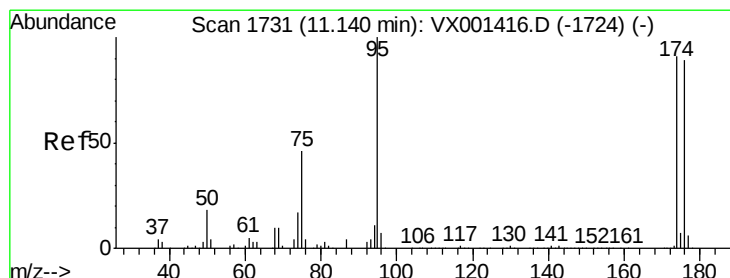
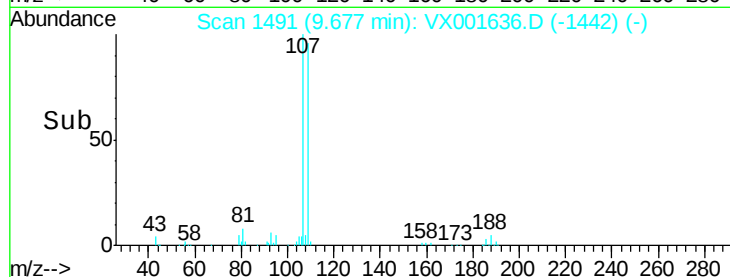
Ion 108.80 (108.50 to 109.50): V

9.68

100000

50000

Time-->



#62

4-Bromofluorobenzene

Concen: 46.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

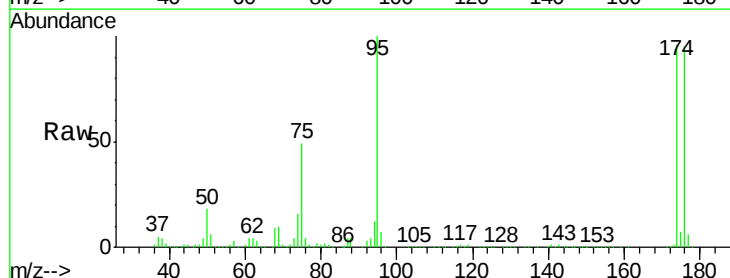
Tgt Ion: 95 Resp: 186869

Ion Ratio Lower Upper

95 100

174 101.8 0.0 202.0

176 100.7 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

11.14

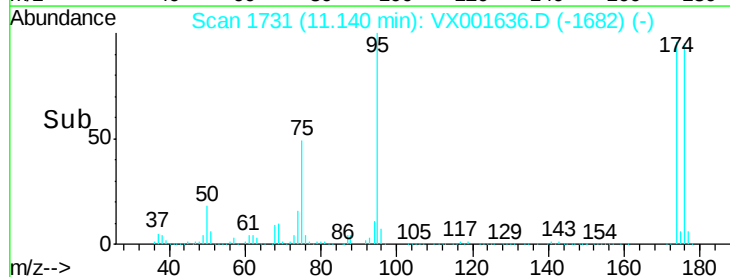
200000

150000

100000

50000

Time-->





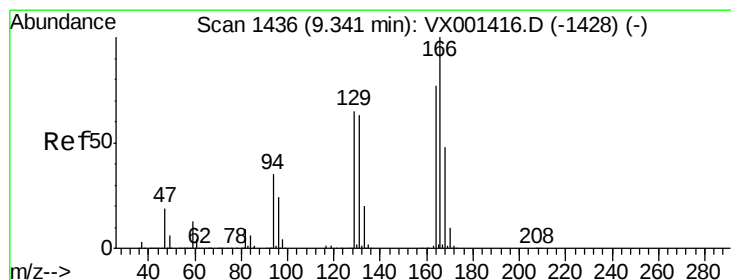
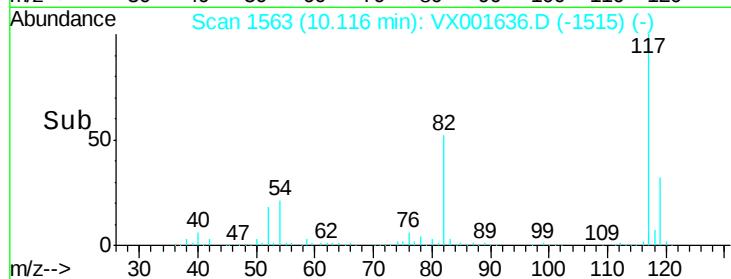
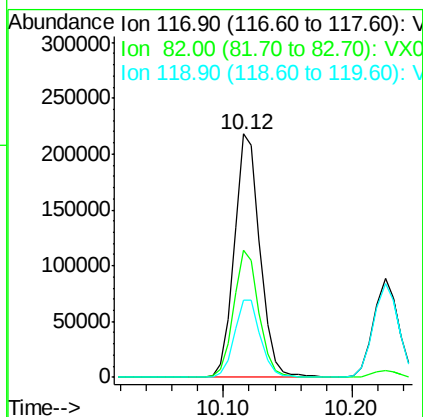
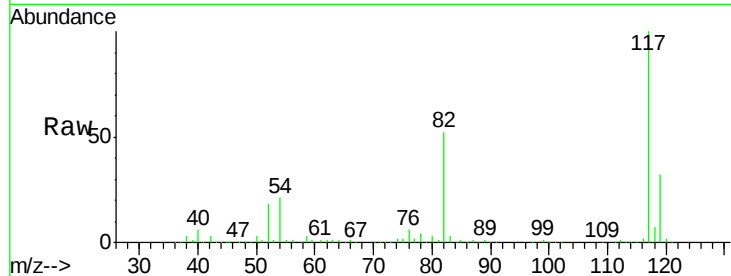
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	40.0	60.0
119	31.9	25.8	38.8

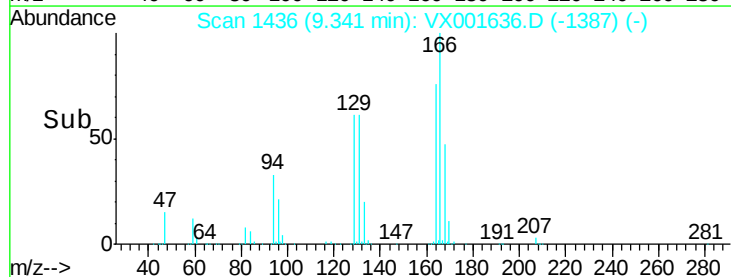
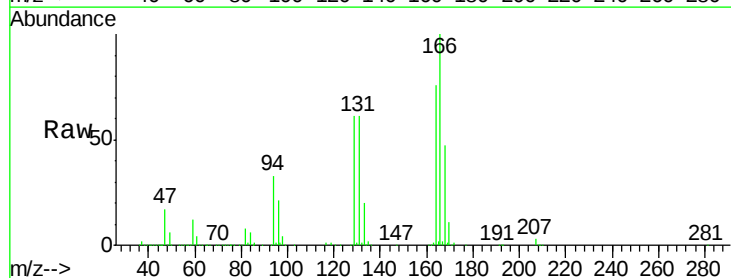
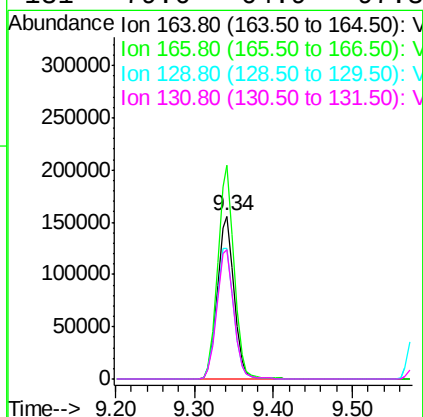
Manual Integrations
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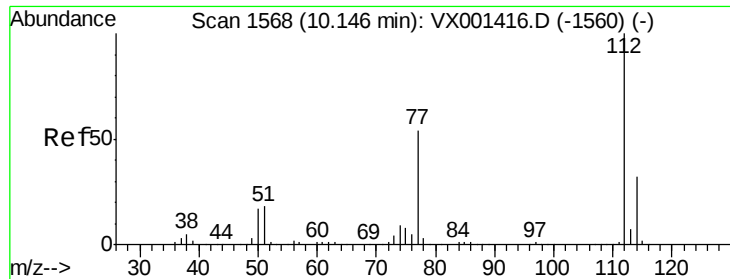
apatel
5/14/2018 3:58:11 PM



#64
Tetrachloroethene
Concen: 54.69 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	103.5	155.3
129	80.0	66.7	100.1
131	79.6	64.9	97.3





#65

Chlorobenzene

Concen: 53.64 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 475417

Ion Ratio Lower Upper

112 100

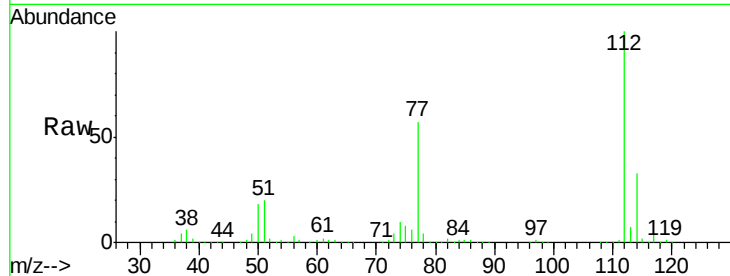
114 33.1 26.0 39.0

Manual Integrations

APPROVED

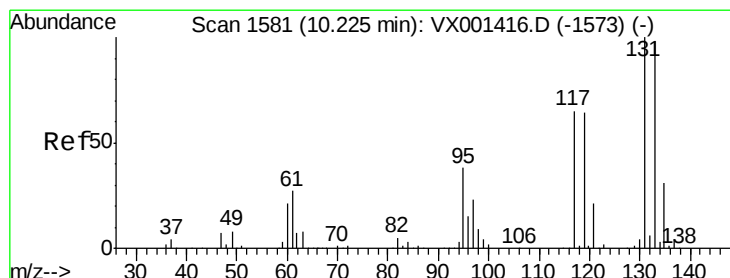
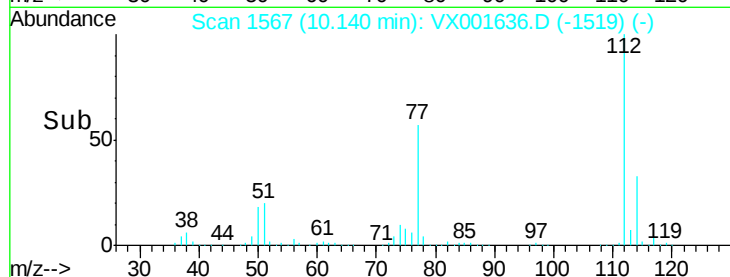
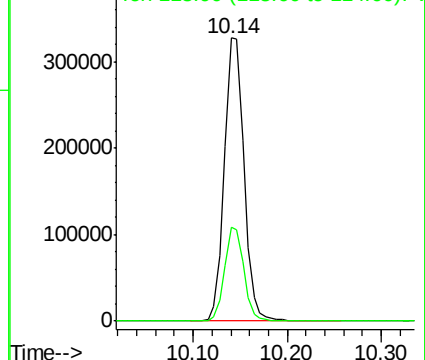
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.66 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

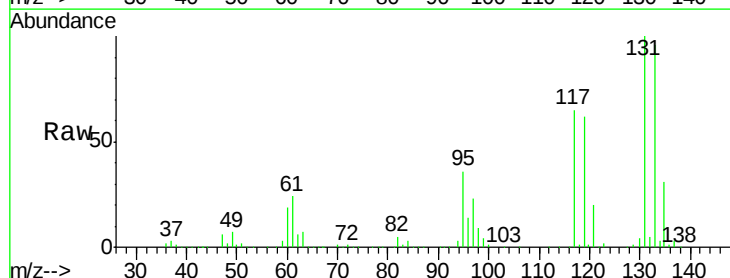
Tgt Ion:131 Resp: 179619

Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.8

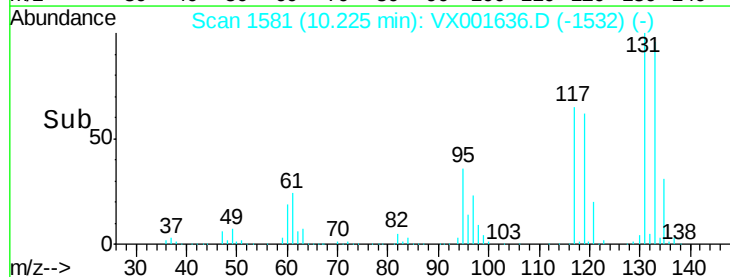
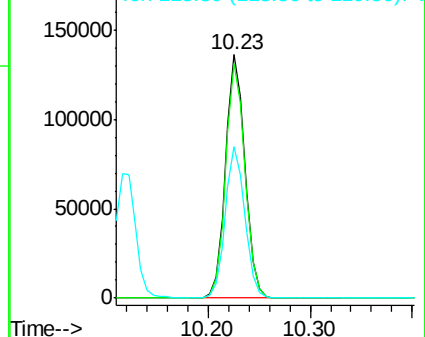
119 62.7 31.1 93.3

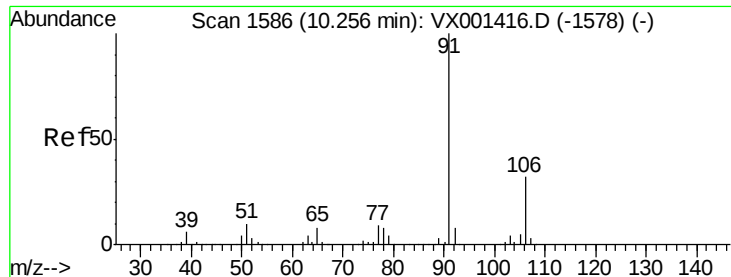


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.75 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 795259

Ion Ratio Lower Upper

91 100

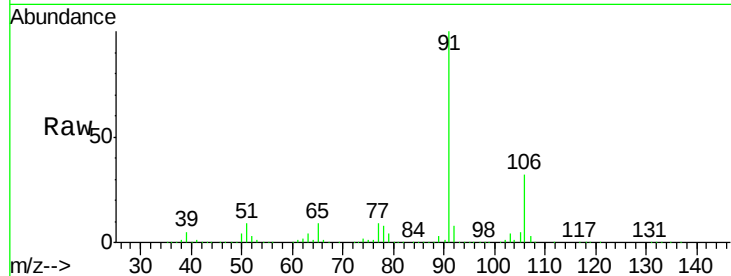
106 32.1 25.5 38.3

Manual Integrations

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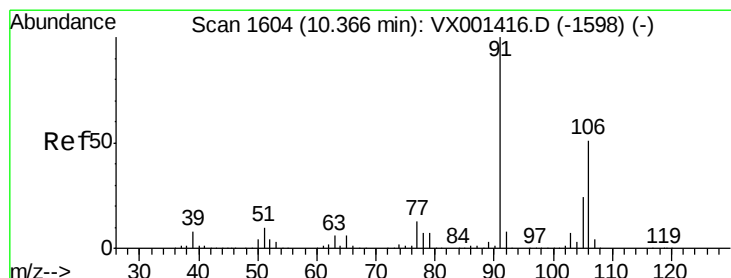
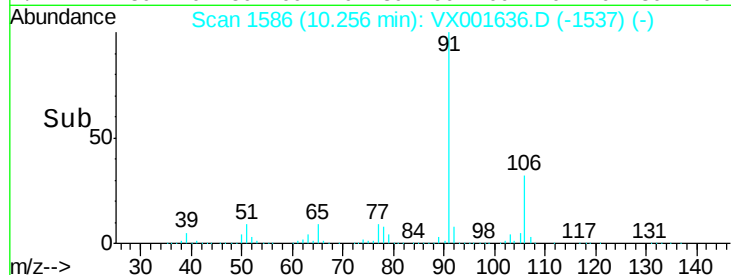
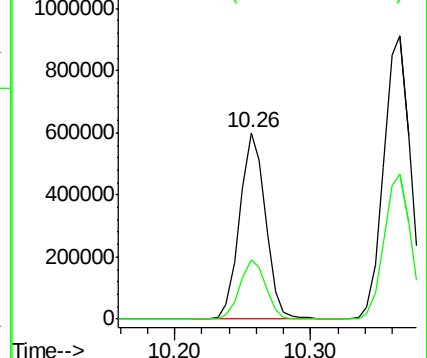
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 110.74 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001636.D

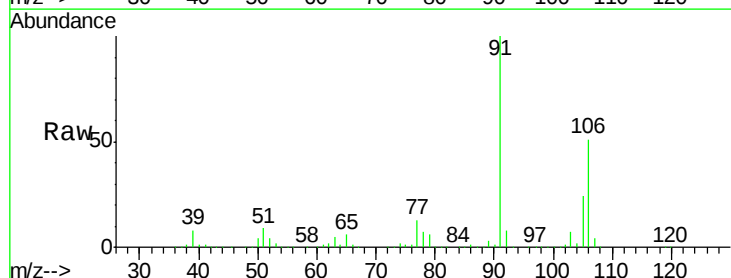
Acq: 11 May 2018 13:08

Tgt Ion: 106 Resp: 635633

Ion Ratio Lower Upper

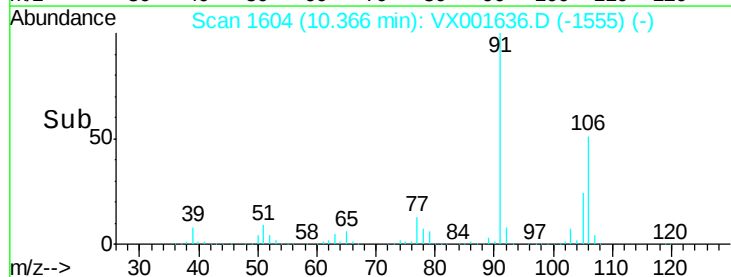
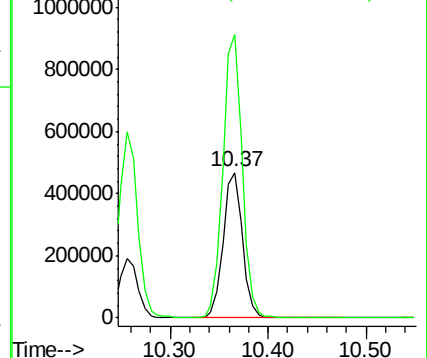
106 100

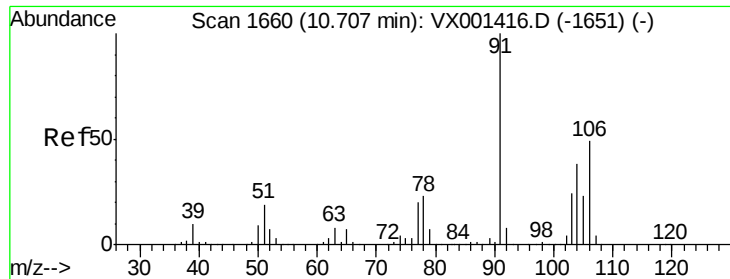
91 195.7 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





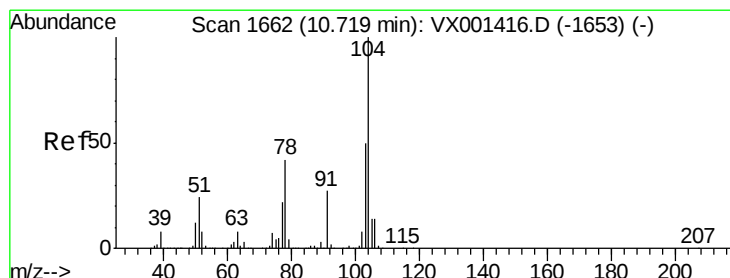
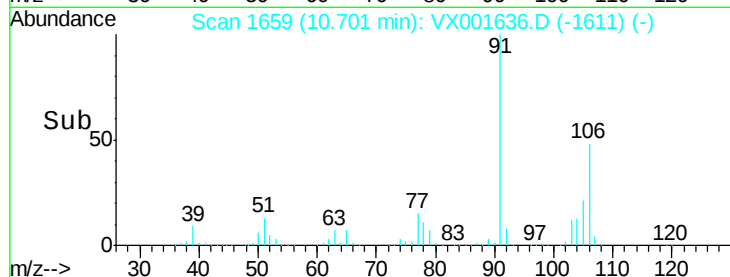
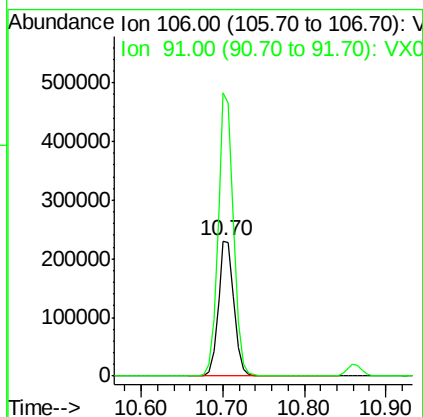
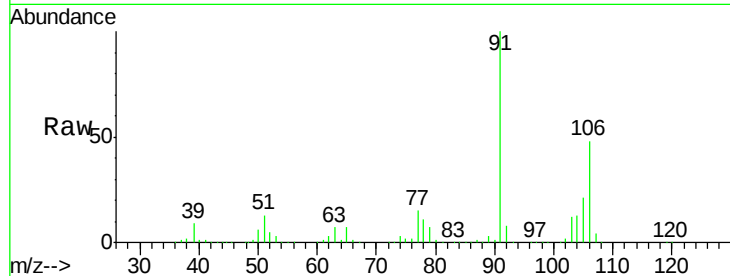
#69
o-Xylene
Concen: 55.61 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 310193
Ion Ratio Lower Upper
106 100
91 206.6 103.1 309.1

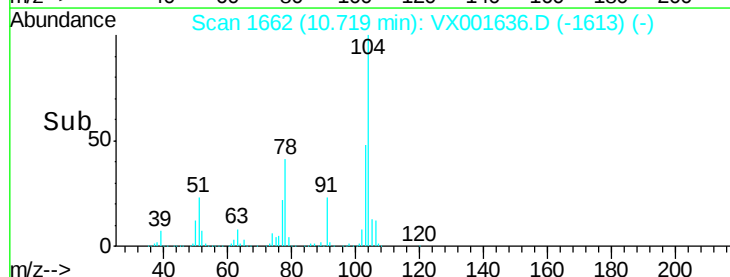
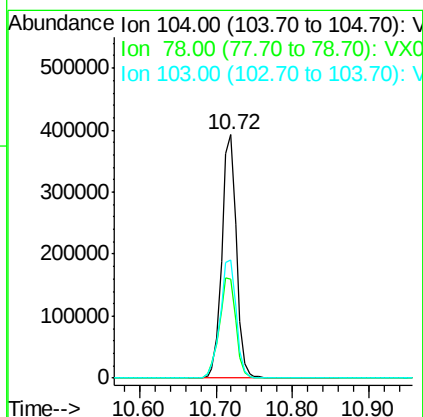
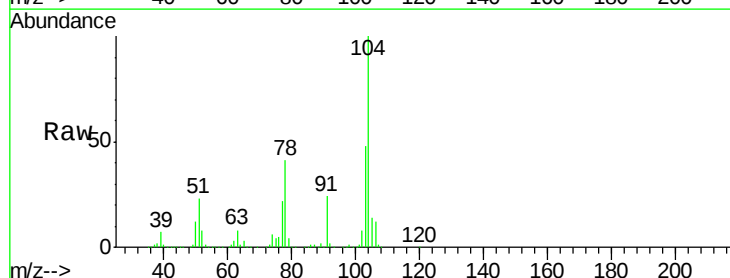
Manual Integrations
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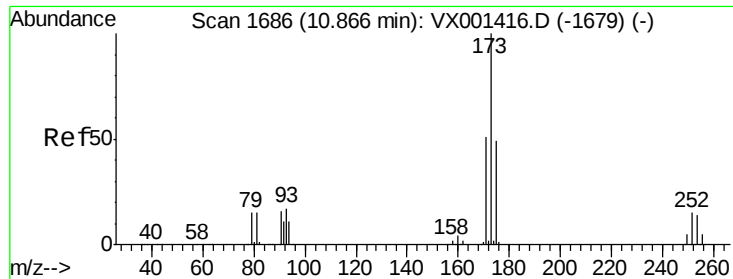
apatel
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#70
Styrene
Concen: 56.82 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion:104 Resp: 514937
Ion Ratio Lower Upper
104 100
78 46.8 38.6 58.0
103 54.1 44.0 66.0





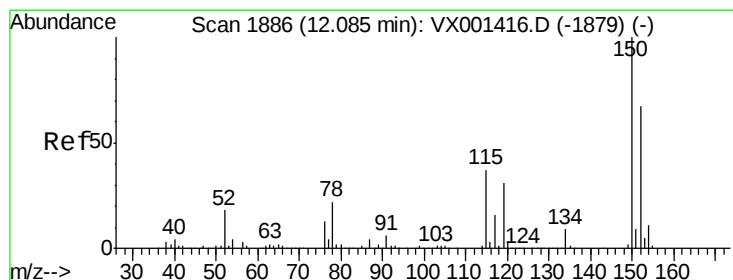
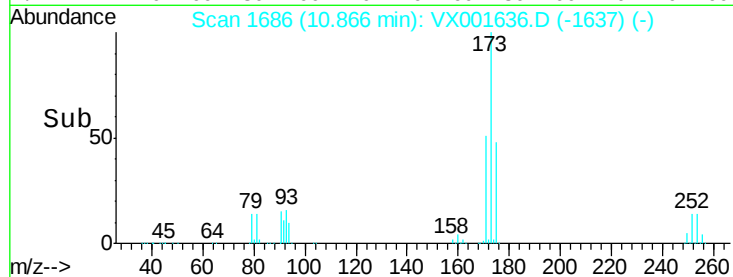
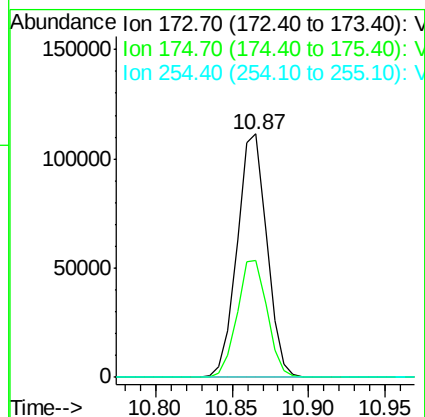
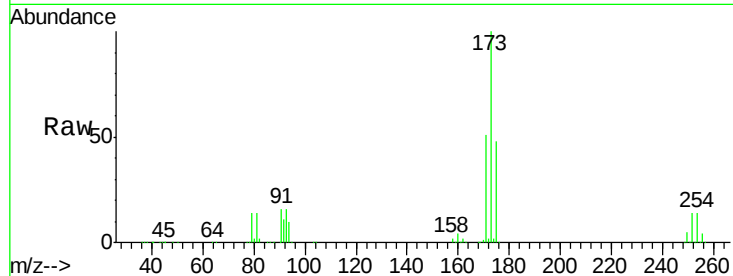
#71
Bromoform
Concen: 49.19 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.5	73.5
254	0.2	0.2	0.2

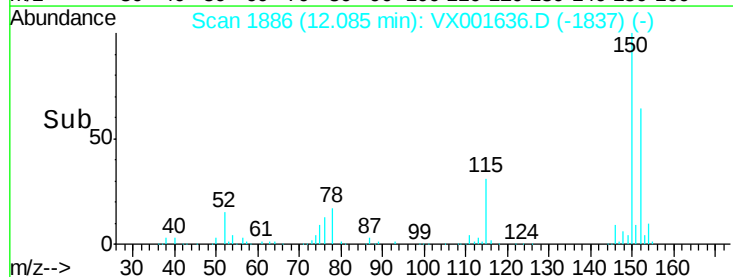
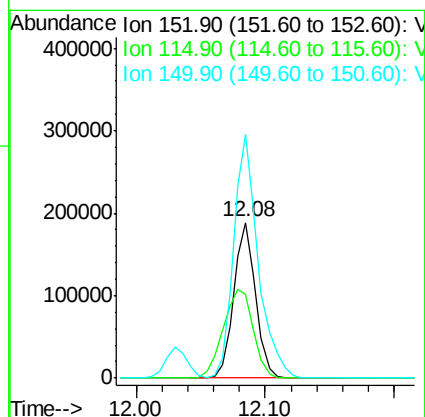
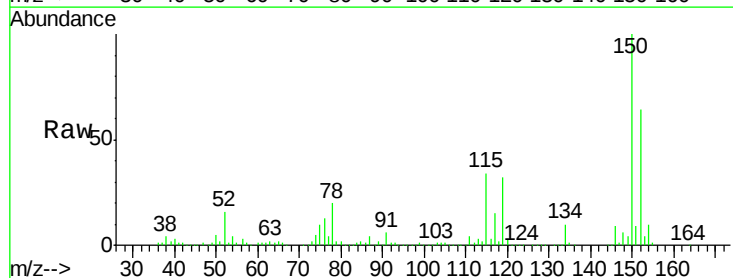
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.0	37.7	113.1
150	176.8	0.0	349.4





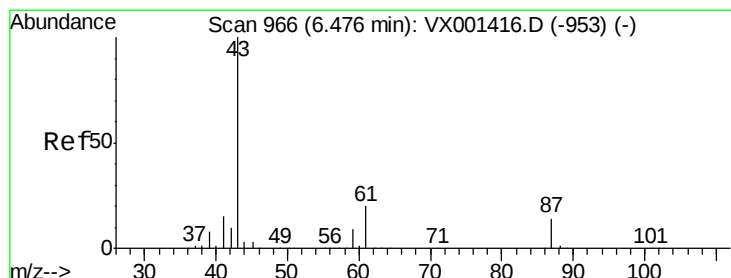
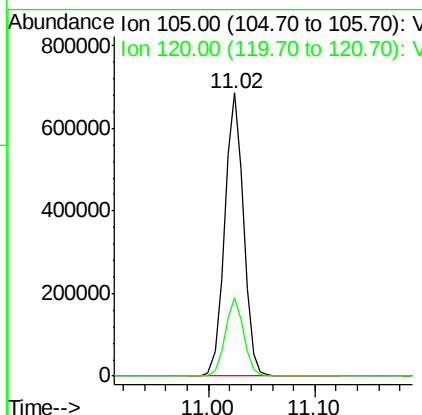
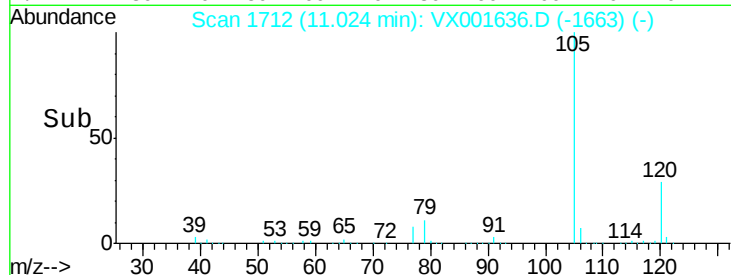
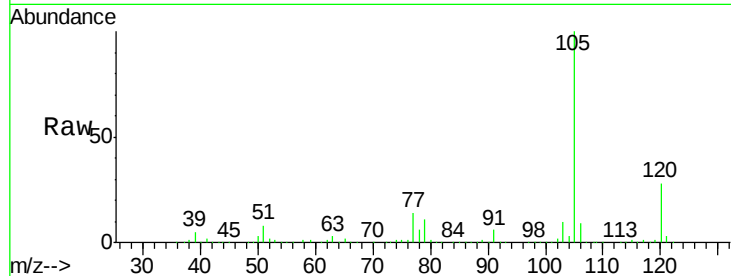
#73
Isopropylbenzene
Concen: 55.33 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.8

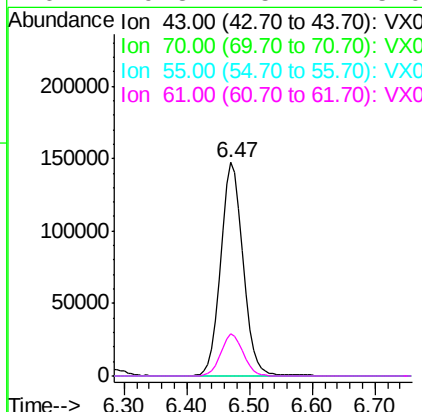
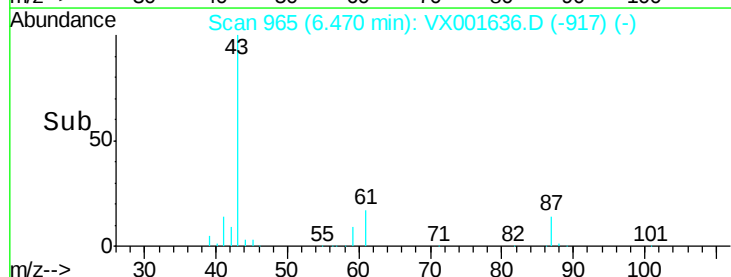
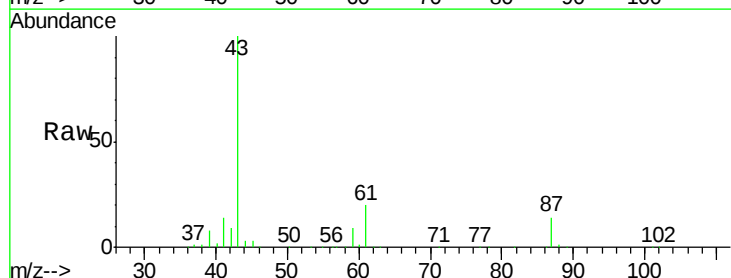
Manual Integrations
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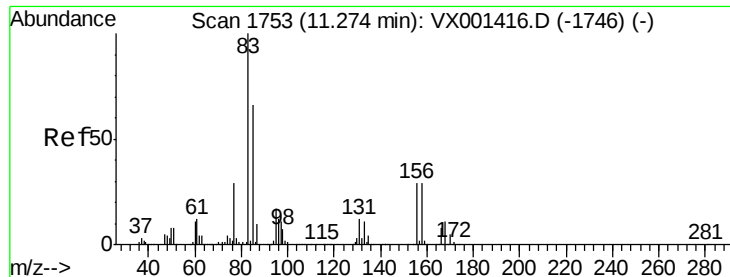
apatel
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#74
N-ethyl acetate
Concen: 52.16 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1
61	19.8	15.4	23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

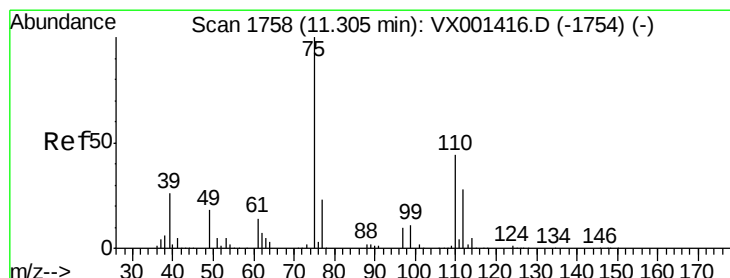
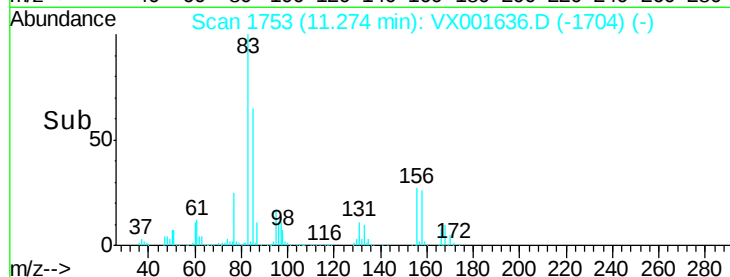
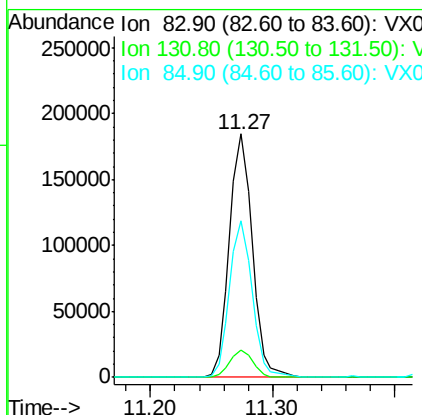
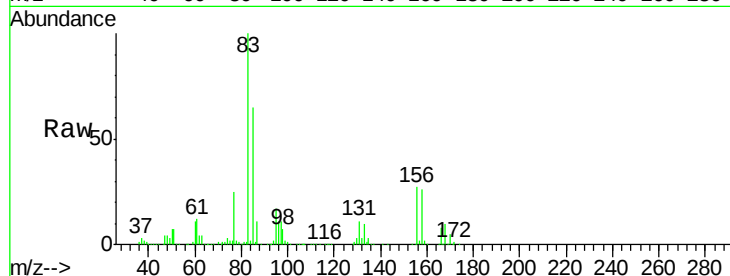
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	239133
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.8	17.4
85	64.1	32.7	98.1

Manual Integrations
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apatel
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#76

1,2,3-Trichloropropane

Concen: 50.80 ug/l m

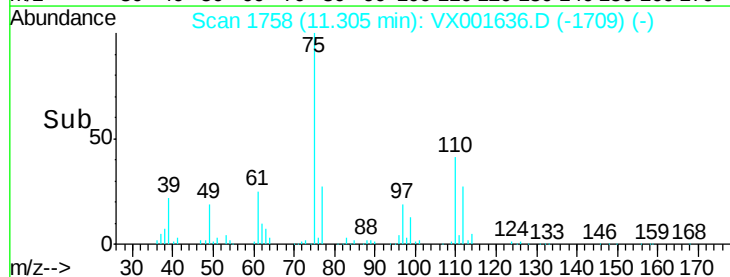
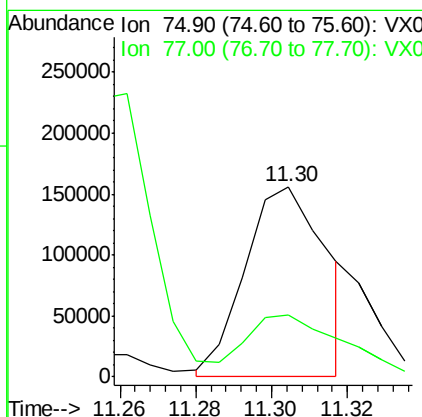
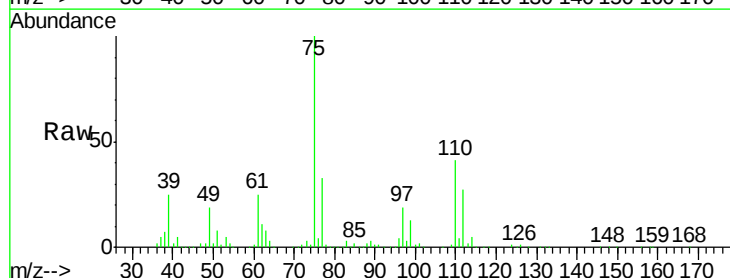
RT: 11.30 min Scan# 1758

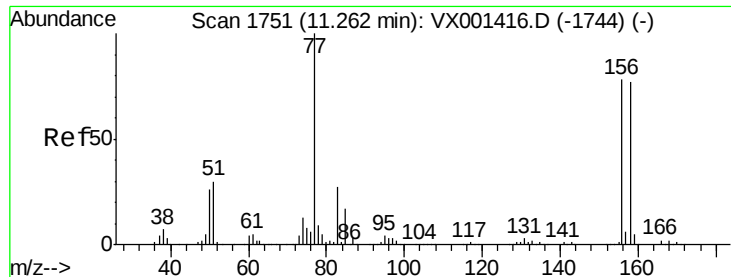
Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Tgt Ion:	75	Resp:	228201
Ion Ratio	Lower	Upper	
75	100		
77	38.8	19.6	58.7





#77

Bromobenzene

Concen: 52.83 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

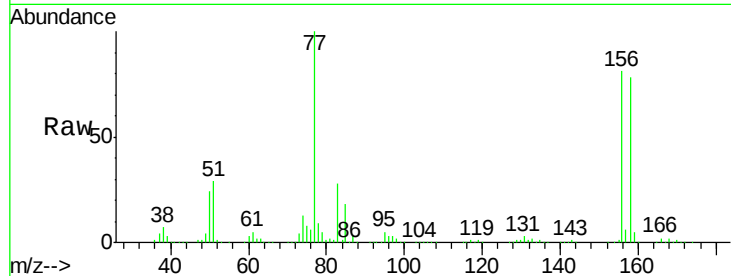
ClientSampleId :

VSTDCCC050

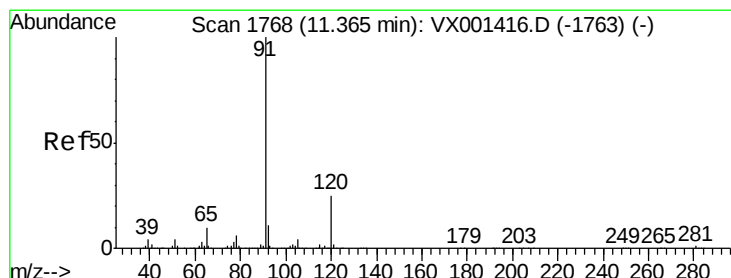
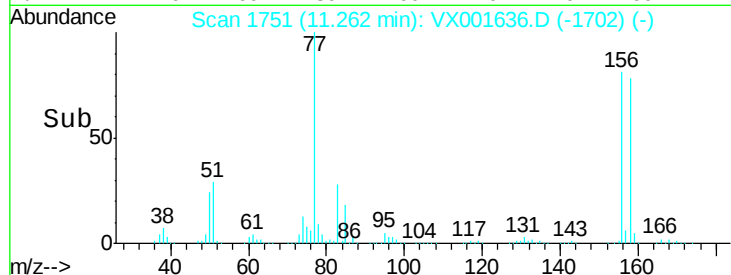
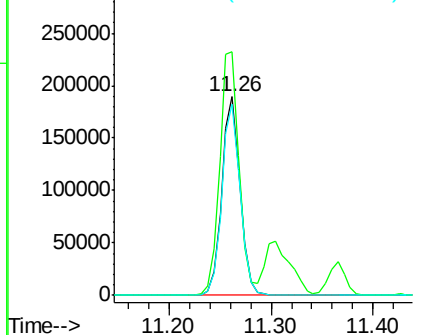
Tot Ion:	156	Resp:	235517
Ion Ratio	Lower	Upper	
156	100		
77	132.3	66.0	198.2
158	96.9	49.4	148.2

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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: 57.16 ug/l

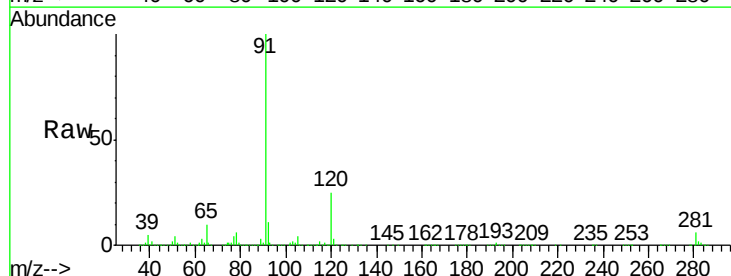
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

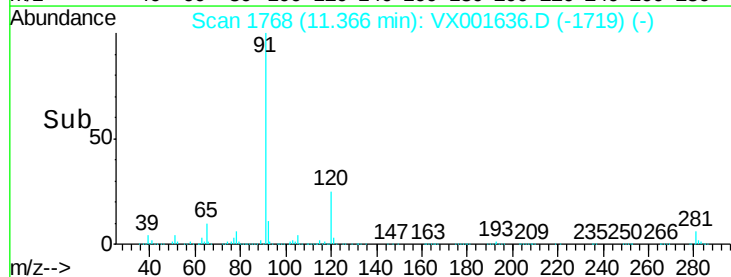
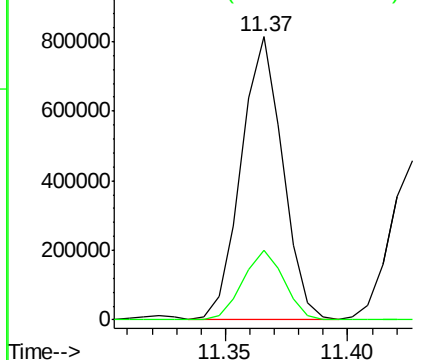
Lab File: VX001636.D

Acq: 11 May 2018 13:08

Tgt Ion:	91	Resp:	954445
Ion Ratio	Lower	Upper	
91	100		
120	24.7	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: 54.16 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 556491

Ion Ratio Lower Upper

91 100

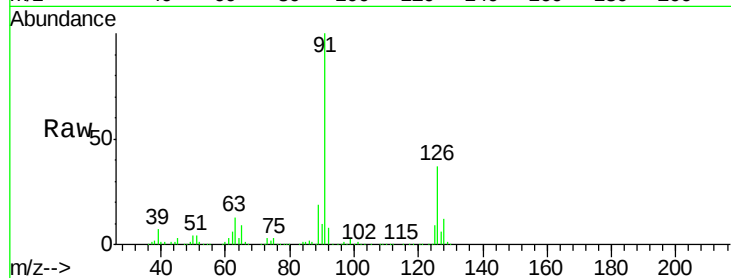
126 37.1 18.1 54.4

Manual Integrations

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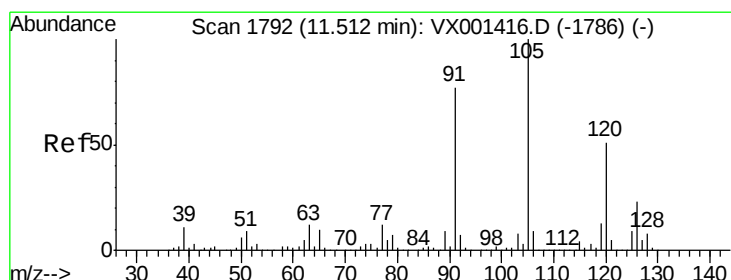
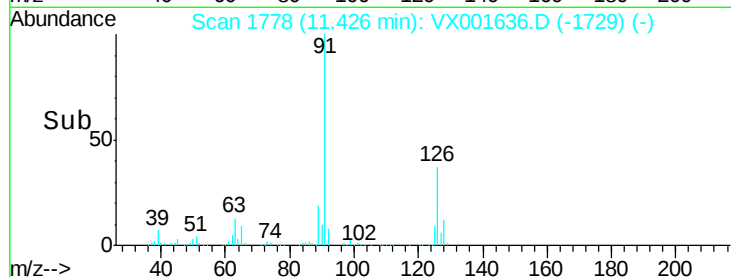
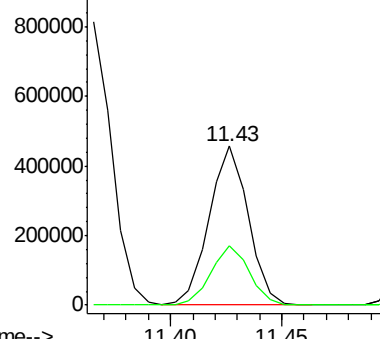
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001636.D

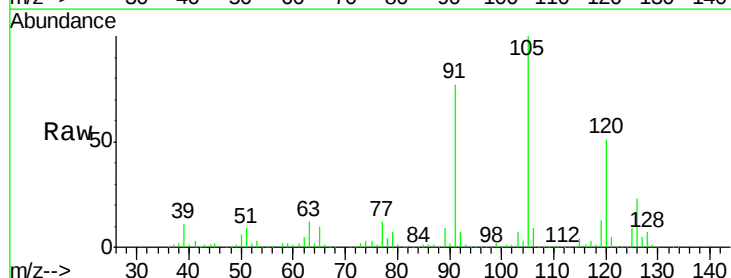
Acq: 11 May 2018 13:08

Tgt Ion:105 Resp: 710576

Ion Ratio Lower Upper

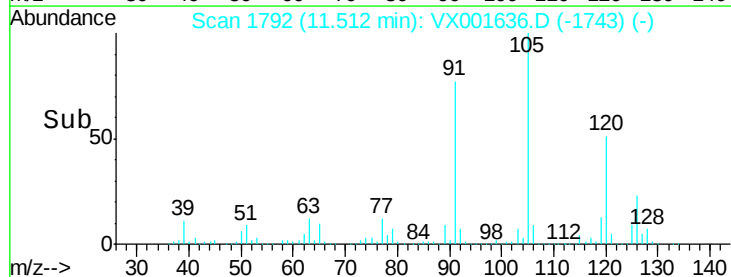
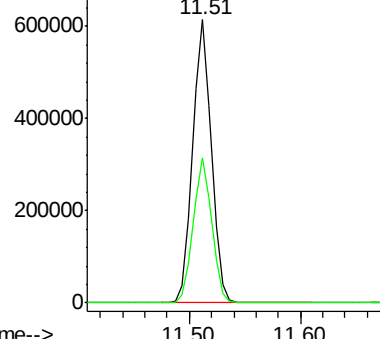
105 100

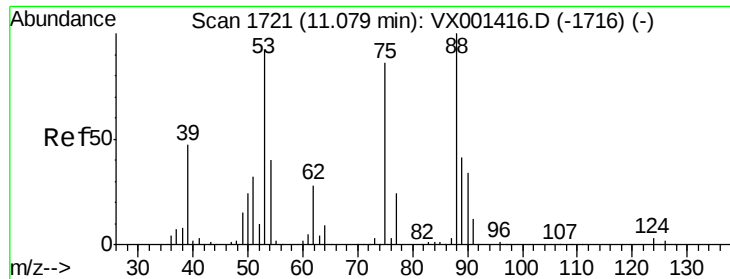
120 51.1 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.81 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 68618

Ion Ratio Lower Upper

75 100

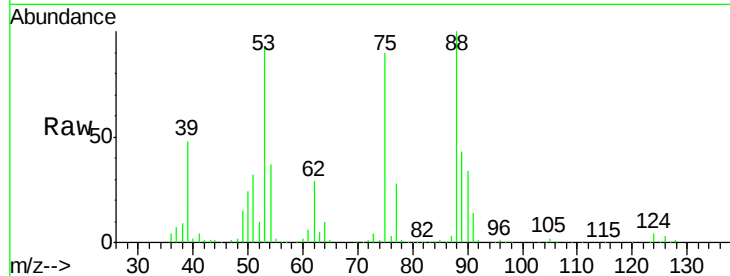
53 101.1 84.5 126.7

89 48.4 39.5 59.3

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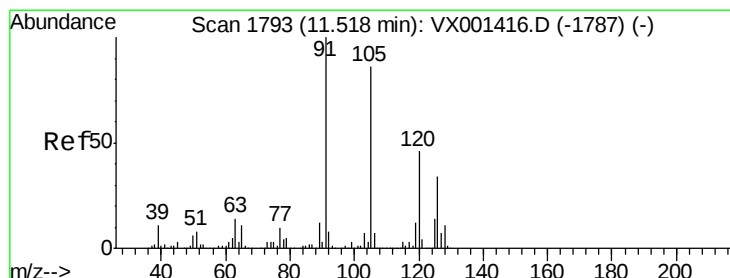
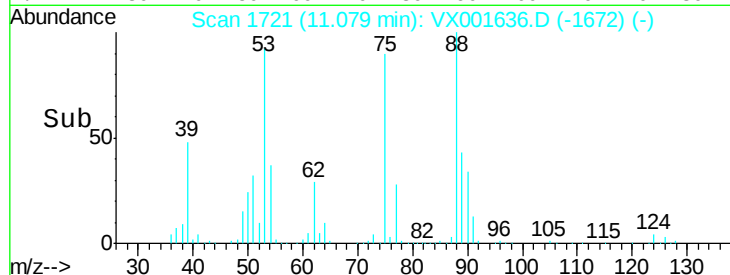
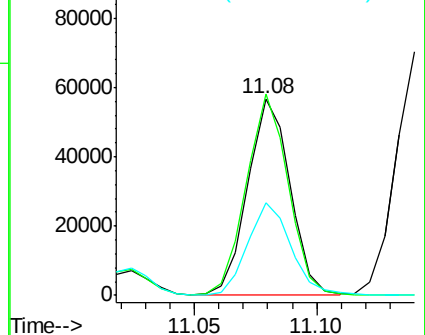
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.98 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001636.D

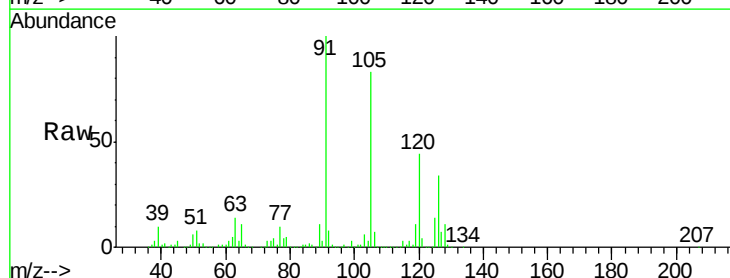
Acq: 11 May 2018 13:08

Tgt Ion: 91 Resp: 651730

Ion Ratio Lower Upper

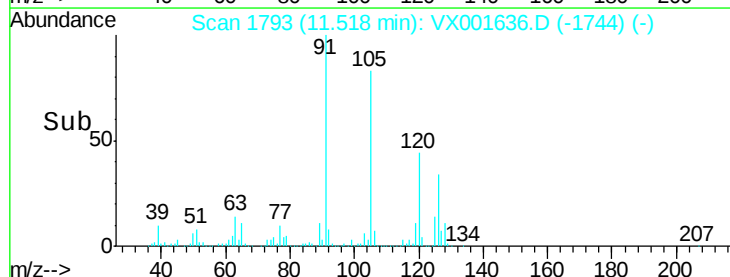
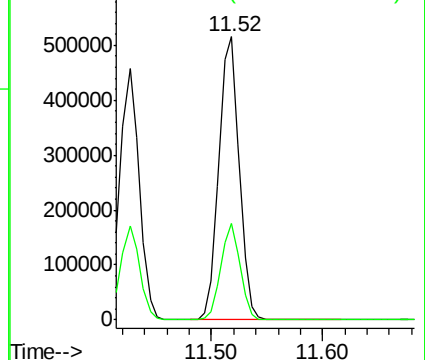
91 100

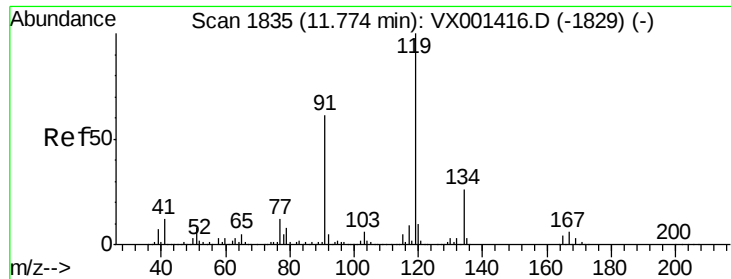
126 32.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





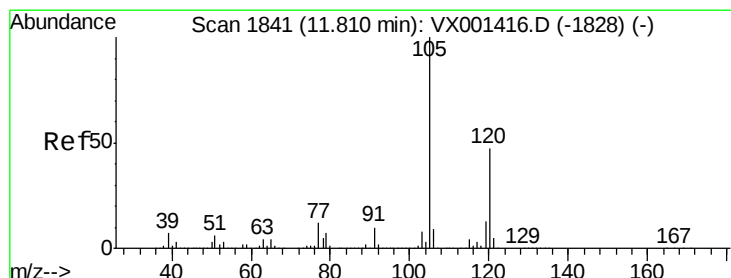
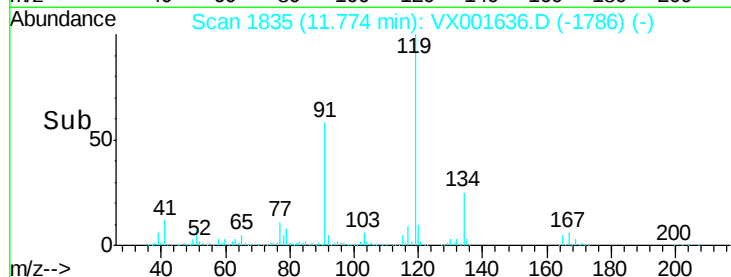
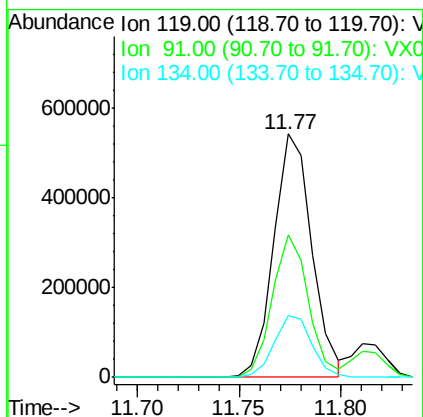
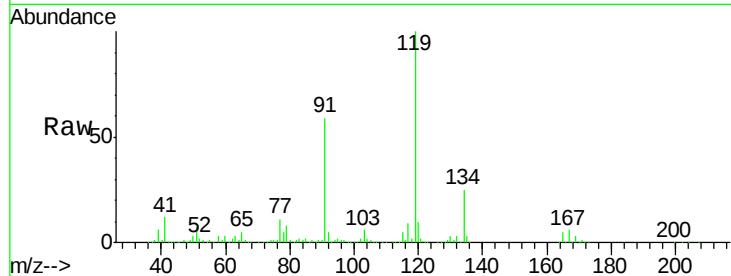
#83
 tert-Butylbenzene
 Concen: 55.51 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	705110		
91	55.5	27.8	83.3	
134	25.0	12.4	37.0	

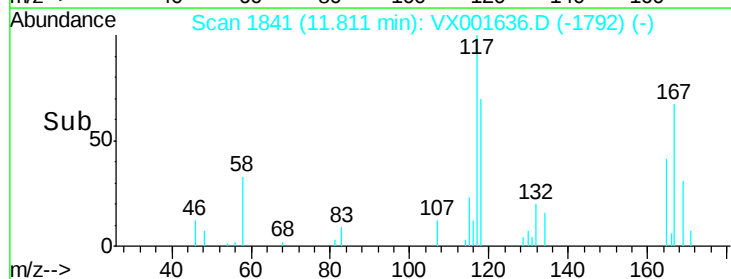
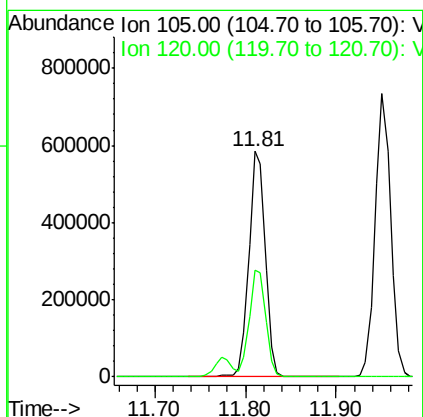
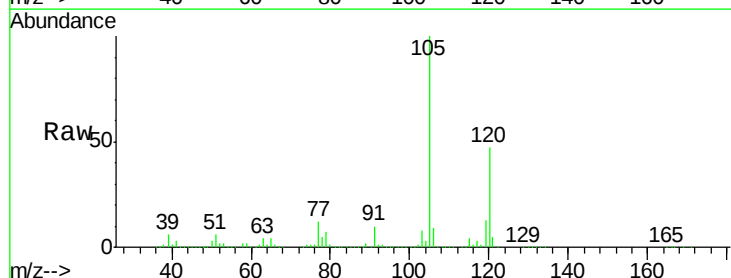
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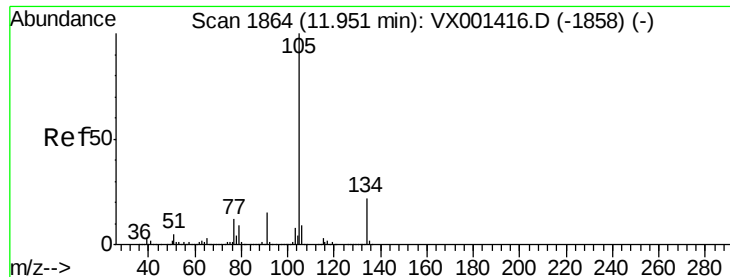
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.82 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	732436		
120	47.2	23.4	70.2	





#85

sec-Butylbenzene

Concen: 57.49 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 876505

Ion Ratio Lower Upper

105 100

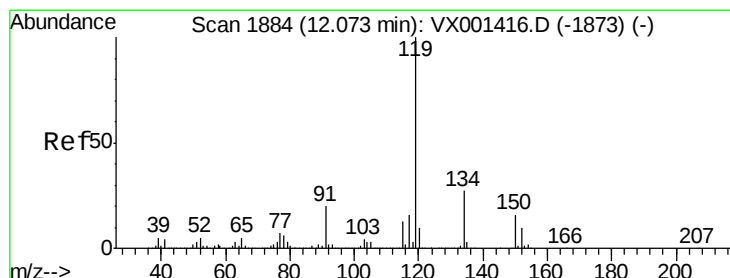
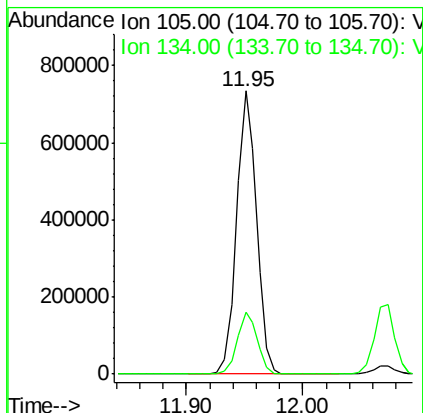
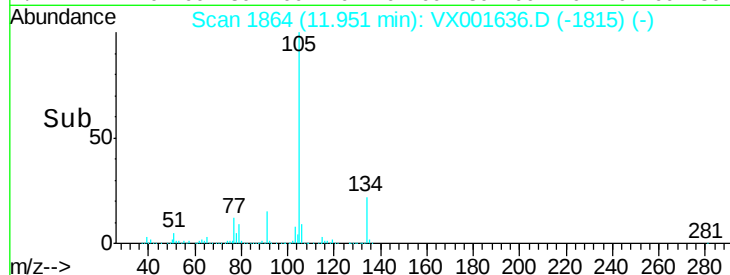
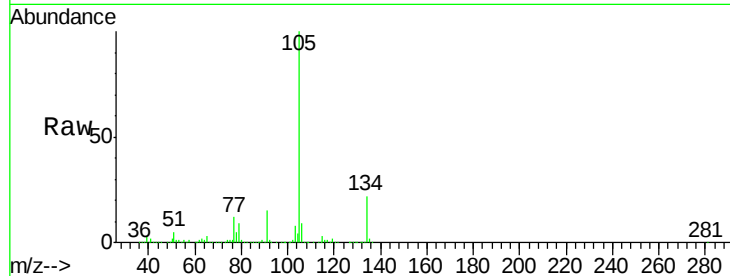
134 21.8 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 58.17 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

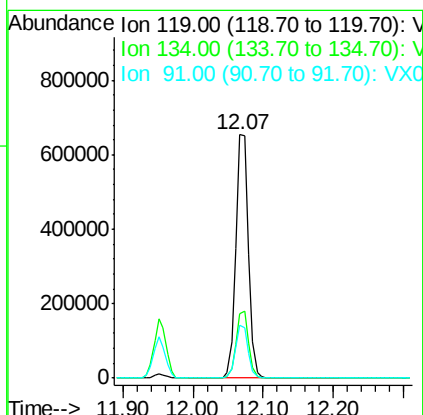
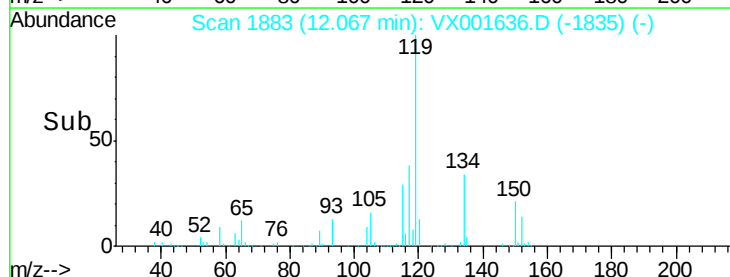
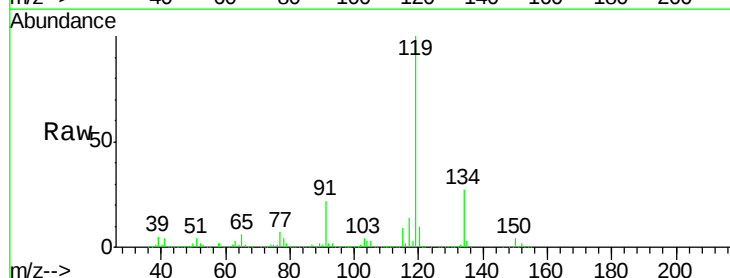
Tgt Ion:119 Resp: 813681

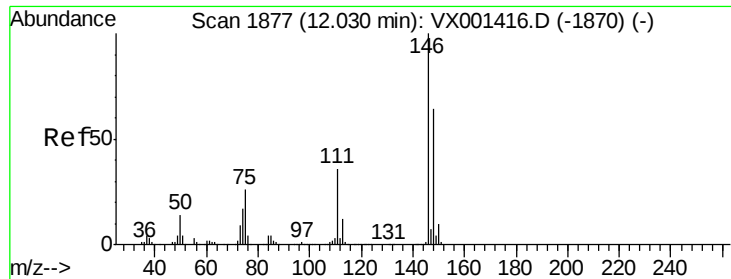
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 21.5 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 54.76 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

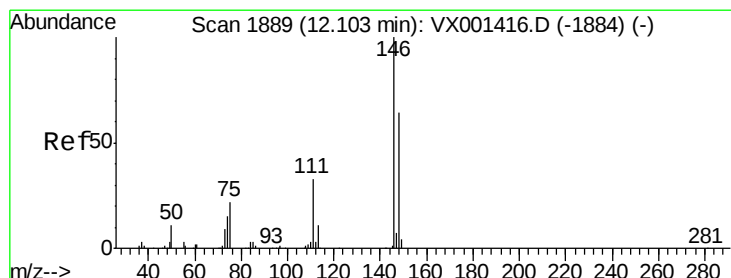
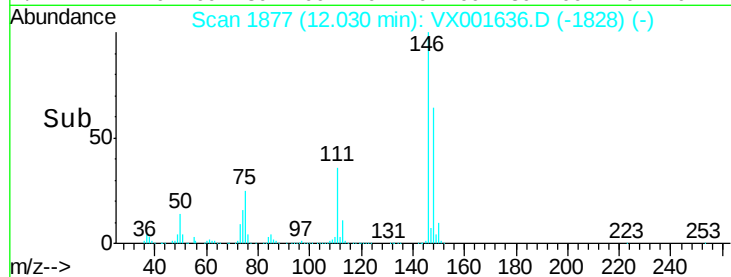
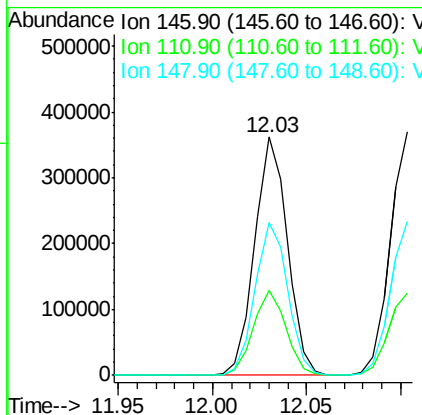
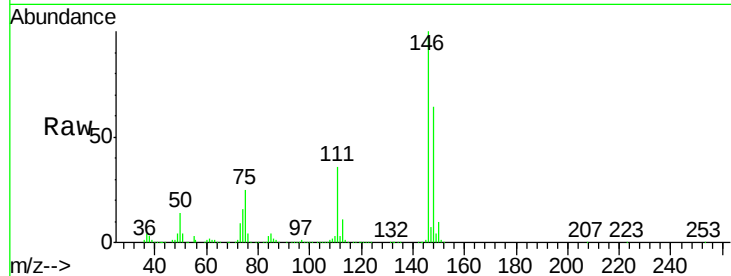
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	436393
Ion Ratio	Lower	Upper	
146	100		
111	35.5	18.1	54.1
148	64.3	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 54.07 ug/l

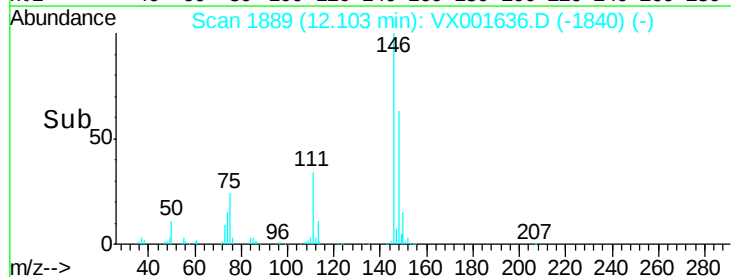
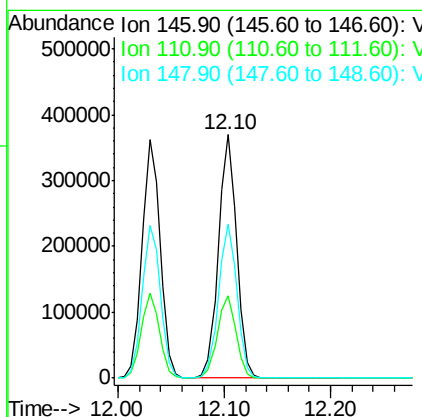
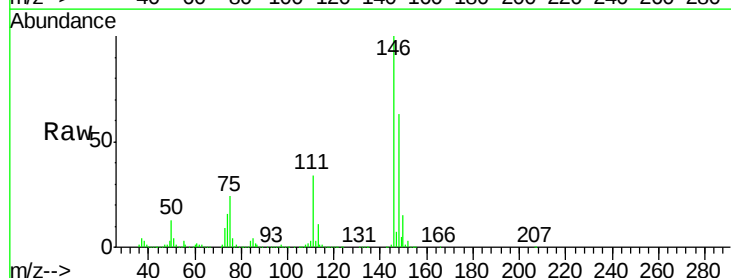
RT: 12.10 min Scan# 1889

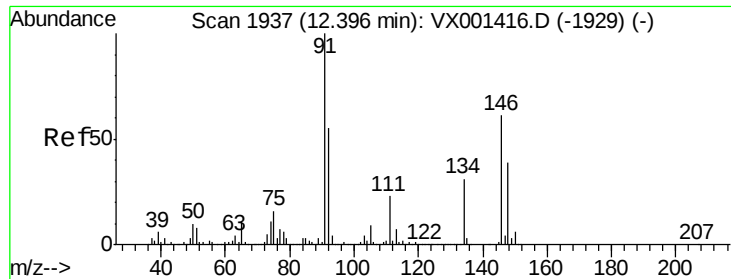
Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Tgt Ion:	146	Resp:	439500
Ion Ratio	Lower	Upper	
146	100		
111	34.8	17.4	52.3
148	64.1	32.2	96.6





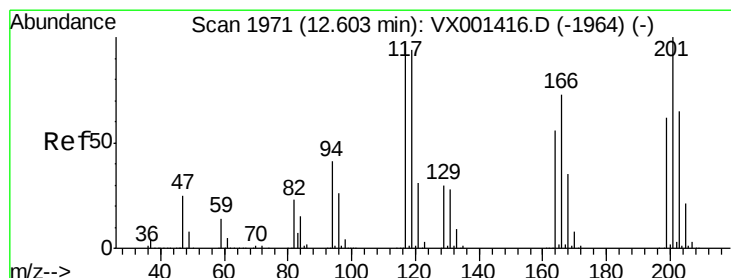
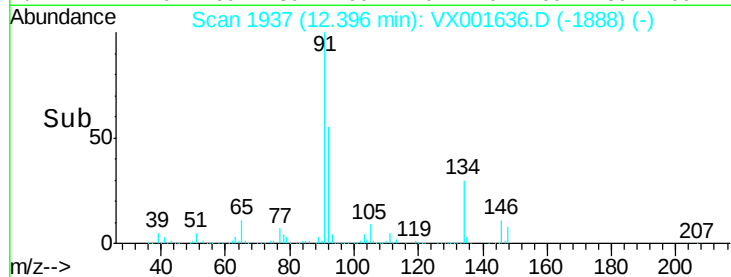
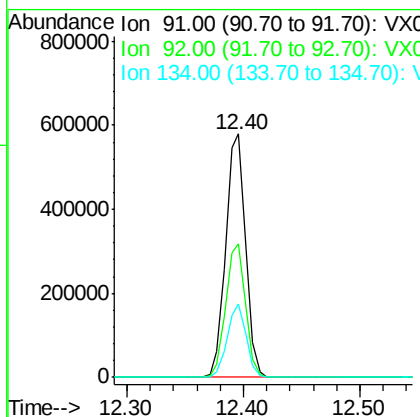
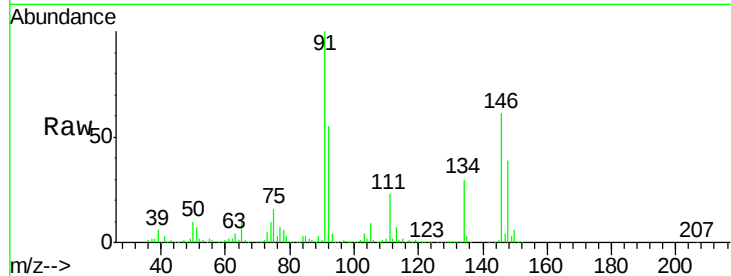
#89
n-Butylbenzene
Concen: 58.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.8	27.2	81.5	
134	29.2	14.6	44.0	

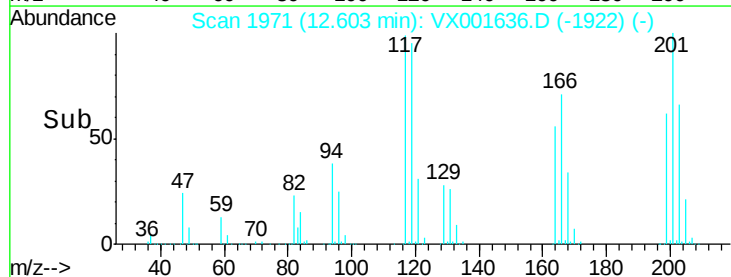
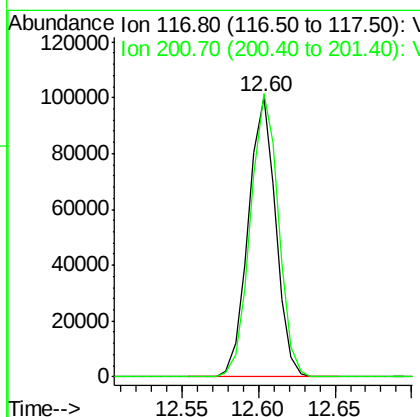
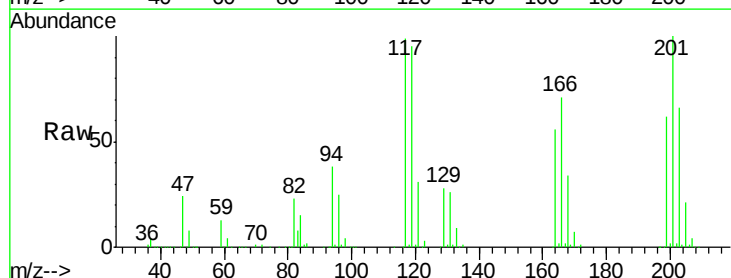
Manual Integrations
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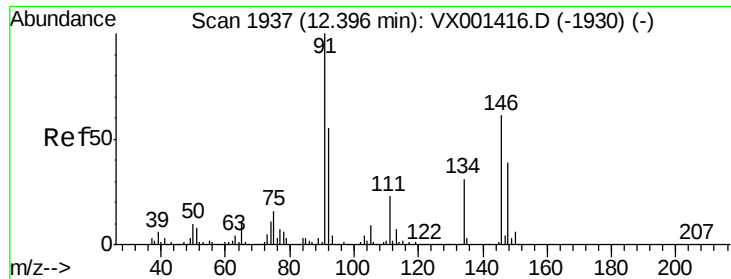
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#90
Hexachloroethane
Concen: 59.24 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001636.D
Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	103.3	51.5	154.5	





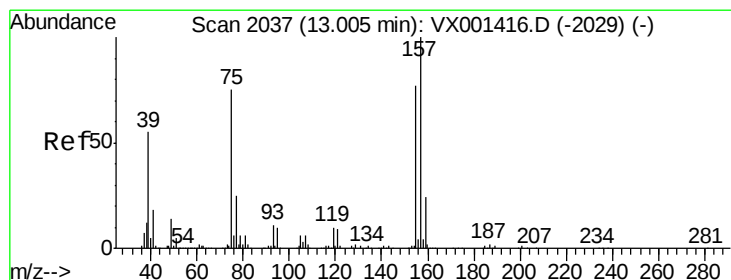
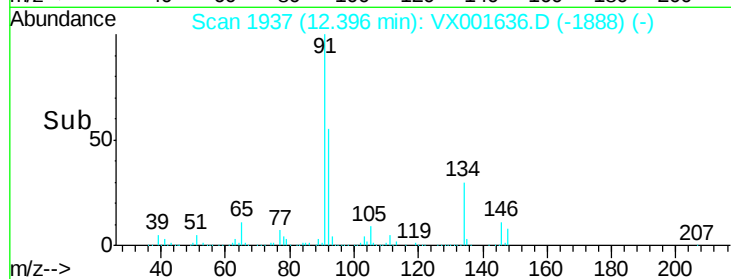
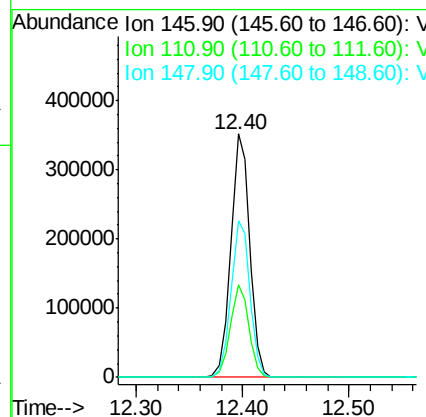
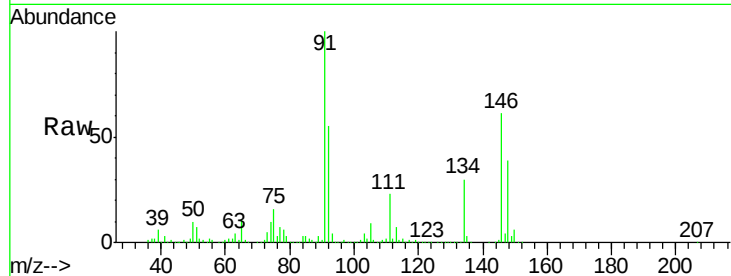
#91
 1,2-Dichlorobenzene
 Concen: 53.82 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	436339		
111	37.2	18.6	55.8	
148	64.7	32.1	96.5	

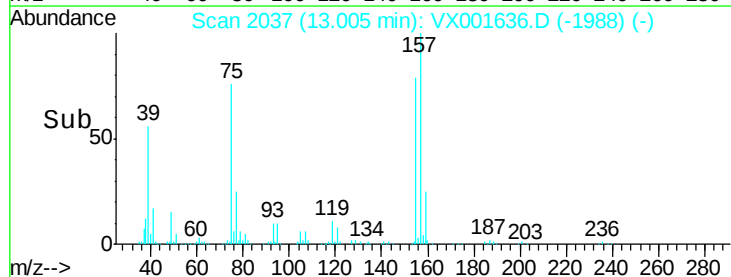
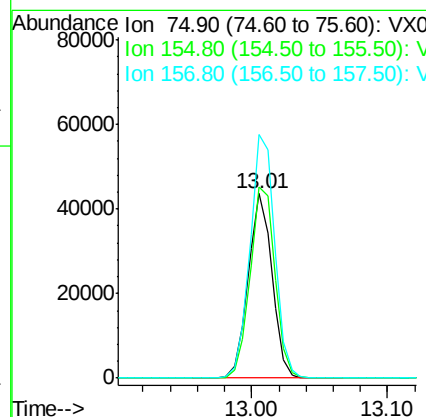
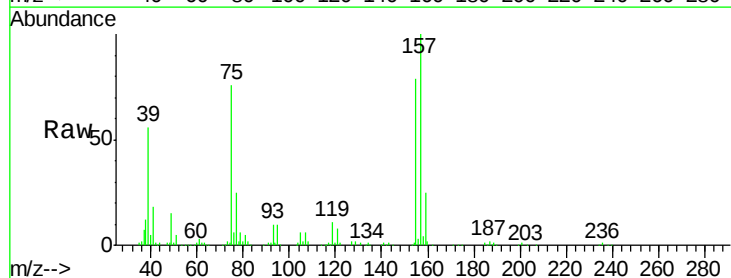
Manual Integrations
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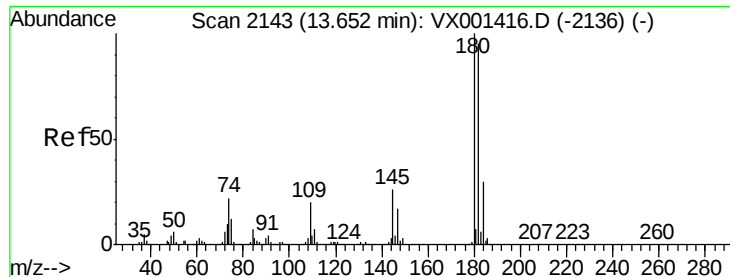
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.93 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53660		
155	108.3	53.4	160.2	
157	136.7	68.3	204.8	





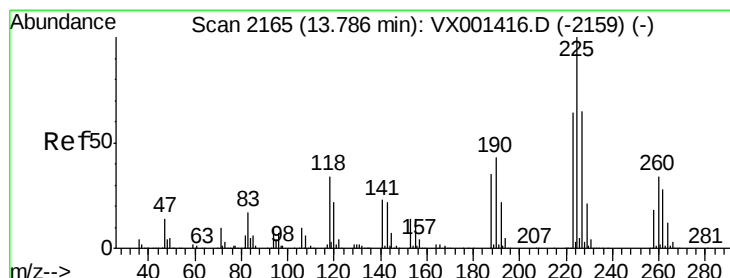
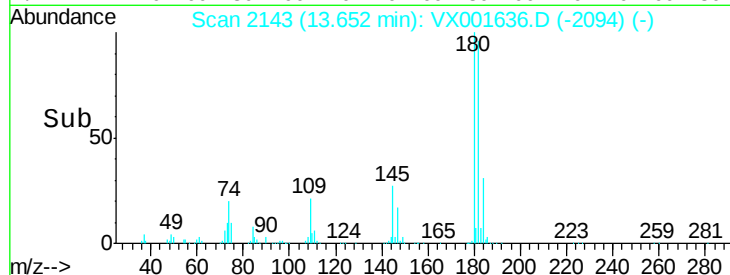
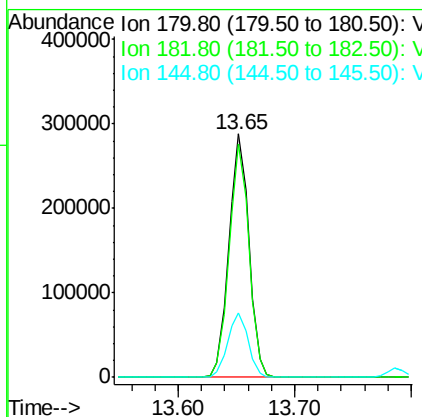
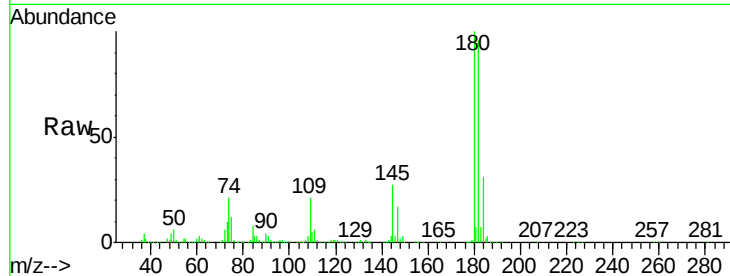
#93
 1,2,4-Trichlorobenzene
 Concen: 57.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	343600		
182	95.4	47.8	143.4	
145	27.1	13.3	39.9	

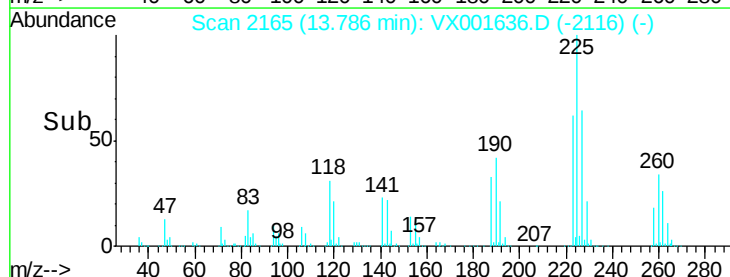
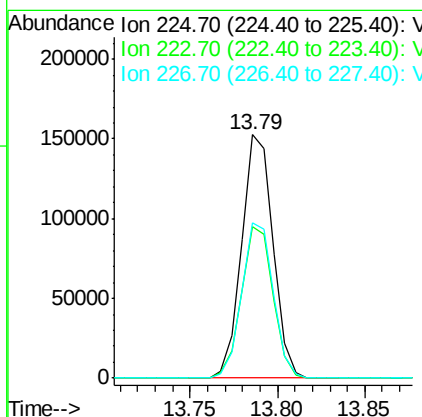
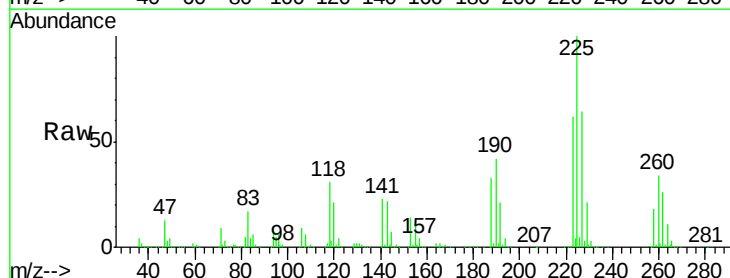
Manual Integrations
 APPROVED

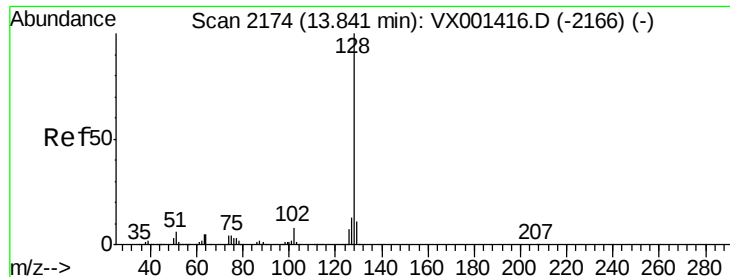
apatel
 5/14/2018 3:58:11 PM



#94
 Hexachlorobutadiene
 Concen: 58.42 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001636.D
 Acq: 11 May 2018 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	189658		
223	62.8	31.3	93.9	
227	64.3	32.4	97.2	





#95

Naphthalene

Concen: 55.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Instrument :

MSVOA_X

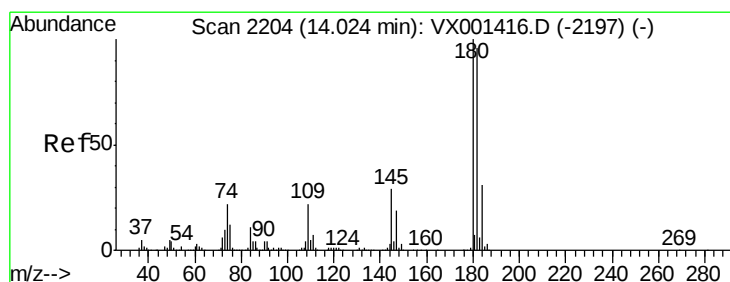
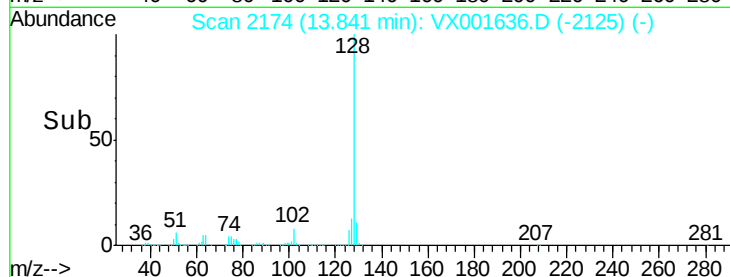
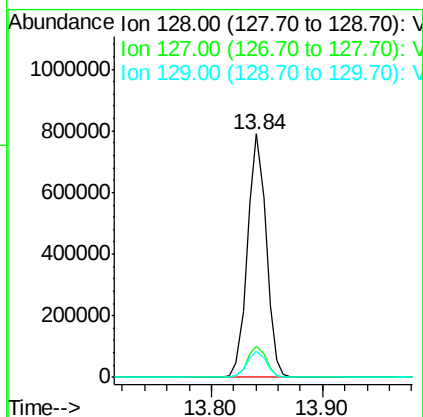
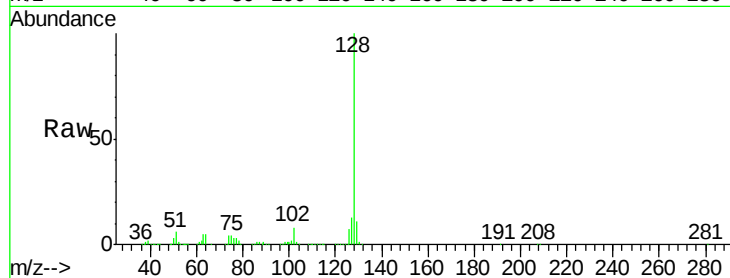
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	917261
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
5/14/2018 3:58:11 PM



#96

1,2,3-Trichlorobenzene

Concen: 57.15 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001636.D

Acq: 11 May 2018 13:08

Tgt Ion:	180	Resp:	347892
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.0	144.2
145	28.3	14.1	42.4

