

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001623.D
 Acq On : 11 May 2018 01:15
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Manual Integrations
 APPROVED

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 5/14/2018 3:57:43 PM

Quant Time: May 11 07:29:50 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	56803	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	293085	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	262816	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	123106	29.70	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.00%
60) 4-Bromofluorobenzene	11.14	95	123102	29.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.67%
63) Toluene-d8	8.72	98	351603	30.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	62879	22.72	ug/l	98
3) Chloromethane	1.32	50	70401	22.97	ug/l	100
4) Vinyl Chloride	1.40	62	70342	21.98	ug/l	100
5) Bromomethane	1.64	94	51449	32.53	ug/l	100
6) Chloroethane	1.73	64	45237	21.23	ug/l	95
7) Trichlorofluoromethane	1.93	101	99506	21.64	ug/l	99
8) Diethyl Ether	2.19	74	43817	21.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56162	21.99	ug/l	97
10) 1,1-Dichloroethene	2.37	96	57033	21.69	ug/l	99
11) Methyl Iodide	2.51	142	68376	17.90	ug/l	98
12) Methyl Acetate	2.78	43	96247	21.53	ug/l	99
13) Acrolein	2.30	56	50846	100.32	ug/l	99
14) Acrylonitrile	3.15	53	192795	107.97	ug/l	98
15) Acetone	2.45	58	51820	108.02	ug/l	96
16) Carbon Disulfide	2.57	76	142779	21.92	ug/l	99
17) Allyl chloride	2.73	41	106963	21.33	ug/l	97
18) Methylene Chloride	2.86	84	66162	21.32	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	61594	21.58	ug/l	99
20) Diisopropyl ether	3.88	45	203635	21.73	ug/l	99
21) 1,1-Dichloroethane	3.70	63	114009	21.16	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	69409	21.57	ug/l	99
23) tert-Butyl Alcohol	3.08	59	88127	110.92	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	206705	21.64	ug/l	99
25) Chloroform	5.23	83	117568	21.18	ug/l	99
26) Cyclohexane	5.58	56	87301	22.21	ug/l #	97
29) 1,1-Dichloropropene	5.81	75	80140	21.77	ug/l	99
30) 2-Butanone	4.72	43	260629	107.27	ug/l	100
31) 2,2-Dichloropropane	4.59	77	63649	20.11	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	100584	21.48	ug/l	99
33) Carbon Tetrachloride	5.79	117	86093	20.87	ug/l	99
34) Benzene	6.15	78	250756	21.30	ug/l	98
35) Methacrylonitrile	5.07	41	56114	21.30	ug/l	96
36) 1,2-Dichloroethane	6.21	62	98090	21.06	ug/l	99
37) Trichloroethene	7.22	130	73203	21.10	ug/l	100
38) Methylcyclohexane	7.47	83	88965	22.60	ug/l	98
39) 1,2-Dichloropropane	7.52	63	62093	21.04	ug/l	99
40) Dibromomethane	7.67	93	44271	20.93	ug/l	98

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Quant Time: May 11 07:29:50 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	82119	20.64	ug/l	98
42) Vinyl Acetate	3.83	43	869891	108.55	ug/l	99
43) Ethyl Acetate	4.87	43	101707	21.96	ug/l	97
44) Isopropyl Acetate	6.48	43	150493	21.22	ug/l	99
45) 1,4-Dioxane	7.77	88	35727	429.67	ug/l	99
46) Methyl methacrylate	7.79	41	80749	21.09	ug/l	97
47) n-amyl Acetate	10.91	43	122835	20.28	ug/l	100
48) t-1,3-Dichloropropene	8.45	75	90977	20.72	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	79785	20.56	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	66467	21.22	ug/l	99
51) Ethyl methacrylate	9.19	69	95233	21.09	ug/l	98
52) 1,3-Dichloropropane	9.38	76	109861	21.29	ug/l	100
53) Dibromochloromethane	9.59	129	66302	20.39	ug/l	98
54) 1,2-Dibromoethane	9.68	107	69589	21.07	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	261324	108.87	ug/l	99
56) Bromoform	10.87	173	52668	19.81	ug/l	97
58) 4-Methyl-2-Pentanone	8.66	43	516006	109.15	ug/l	99
59) 2-Hexanone	9.51	43	380236	107.36	ug/l	100
61) Tetrachloroethene	9.34	164	82967	21.70	ug/l	99
62) Toluene	8.79	91	273951	21.67	ug/l	99
64) Chlorobenzene	10.15	112	180135	21.68	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	66926	21.32	ug/l	98
66) Ethyl Benzene	10.26	91	284988	21.72	ug/l	97
67) m/p-Xylenes	10.37	106	228411	43.60	ug/l	99
68) o-Xylene	10.71	106	111118	21.44	ug/l	99
69) Styrene	10.72	104	182846	21.38	ug/l	99
70) Isopropylbenzene	11.02	105	292669	21.92	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	95918	21.42	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	90382m	20.83	ug/l	
73) Bromobenzene	11.26	156	85595	21.15	ug/l	99
74) n-propylbenzene	11.37	91	320251	21.79	ug/l	99
75) 2-Chlorotoluene	11.43	91	199014	21.59	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	246454	21.93	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	21156	18.96	ug/l	96
78) 4-Chlorotoluene	11.52	91	227887	21.74	ug/l	99
79) tert-butylbenzene	12.07	119	259115	21.79	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	250410	21.83	ug/l	100
81) sec-Butylbenzene	11.95	105	286343	22.00	ug/l	99
82) p-Isopropyltoluene	12.07	119	259115	21.79	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	150914	21.39	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	152113	21.44	ug/l	99
85) n-Butylbenzene	12.40	91	201780	21.34	ug/l	100
86) Hexachloroethane	12.60	117	39338	20.85	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	154806	21.16	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	21120	20.24	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	109566	21.08	ug/l	100
90) Hexachlorobutadiene	13.79	225	55769	20.97	ug/l	97
91) Naphthalene	13.84	128	334190	21.47	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	117751	21.42	ug/l	99

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ClientSampleId :
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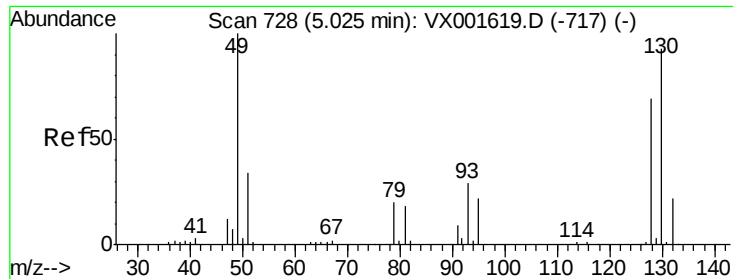
Manual Integrations
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Quant Time: May 11 07:29:50 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



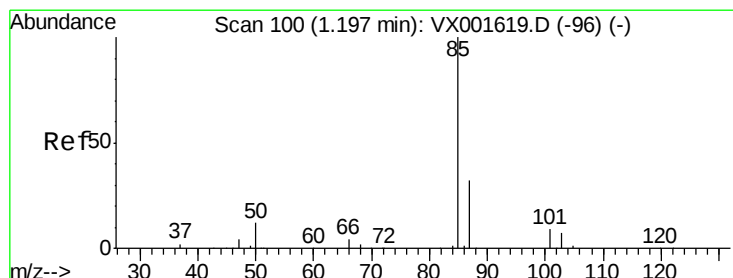
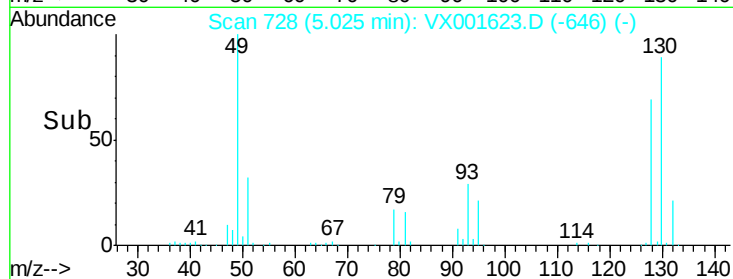
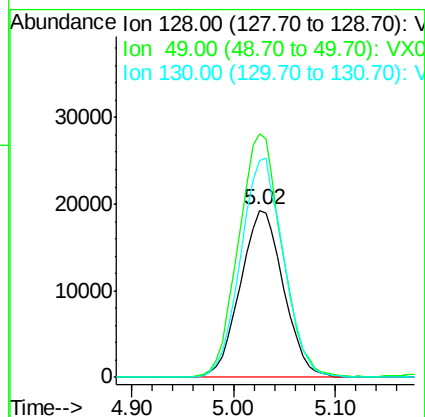
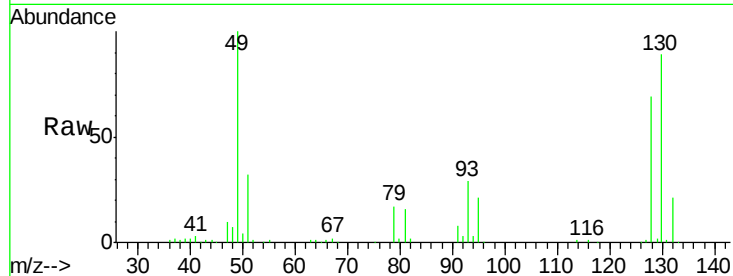
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.02 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
128	100		
49	147.0	0.0	372.0
130	130.1	0.0	326.5

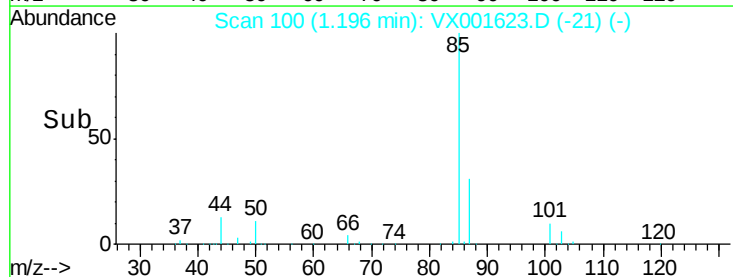
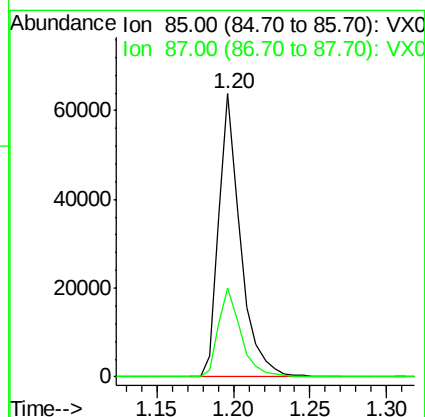
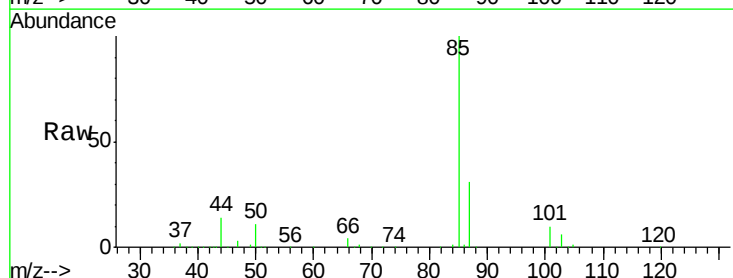
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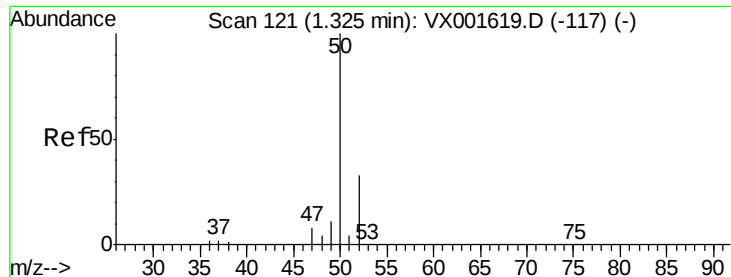
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#2
Dichlorodifluoromethane
Concen: 22.72 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.3	48.8





#3

Chloromethane

Concen: 22.97 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051118

Tot Ion: 50 Resp: 70401

Ion Ratio Lower Upper

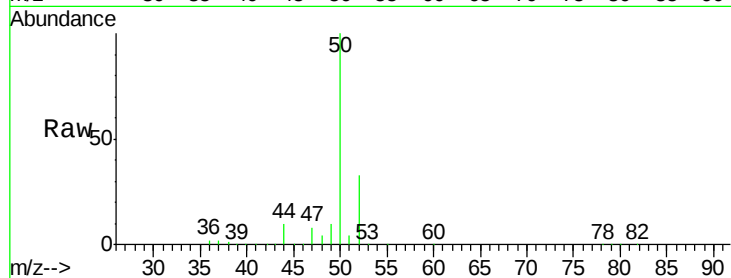
50 100

52 33.2 26.4 39.6

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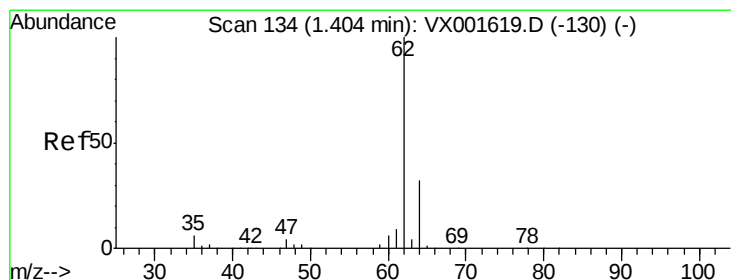
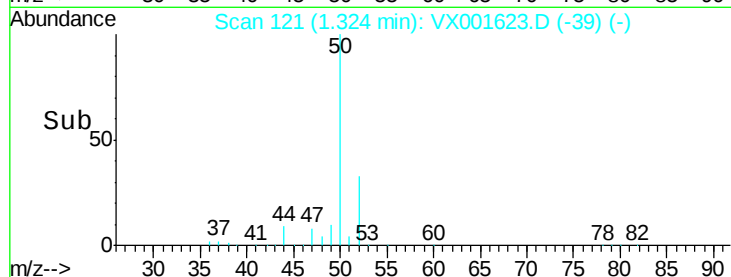
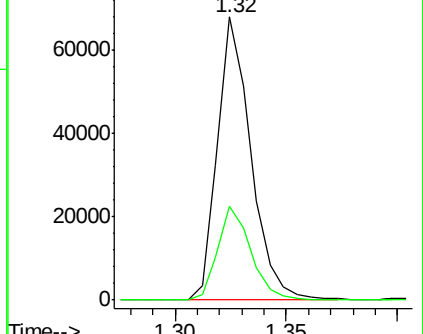
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 21.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001623.D

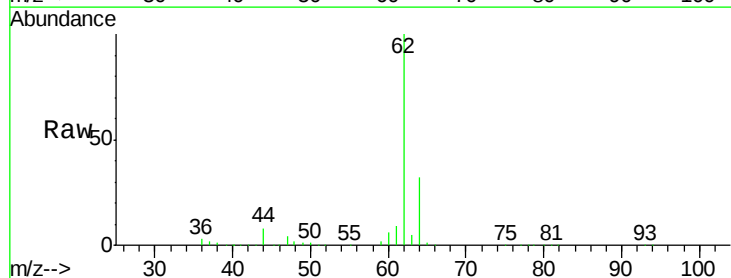
Acq: 11 May 2018 01:15

Tgt Ion: 62 Resp: 70342

Ion Ratio Lower Upper

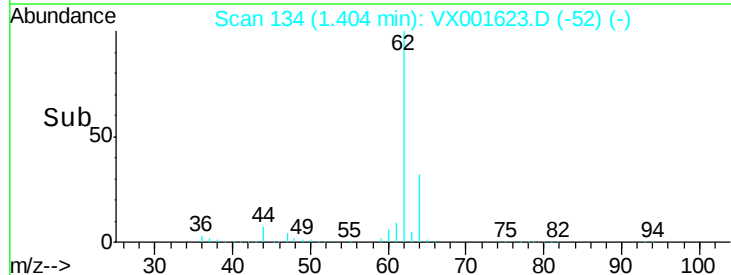
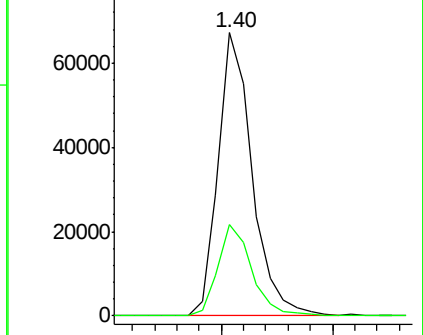
62 100

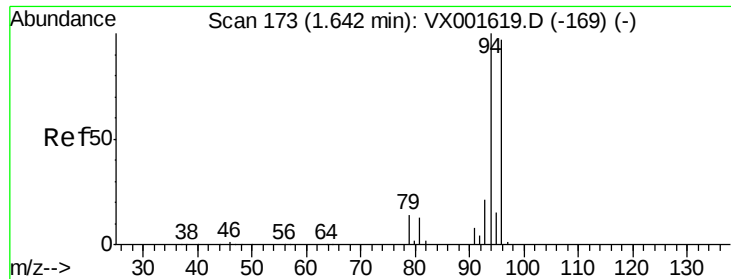
64 32.2 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 32.53 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051118

Tot Ion: 94 Resp: 51449

Ion Ratio Lower Upper

94 100

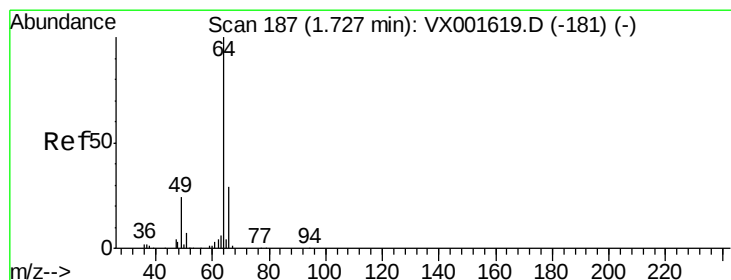
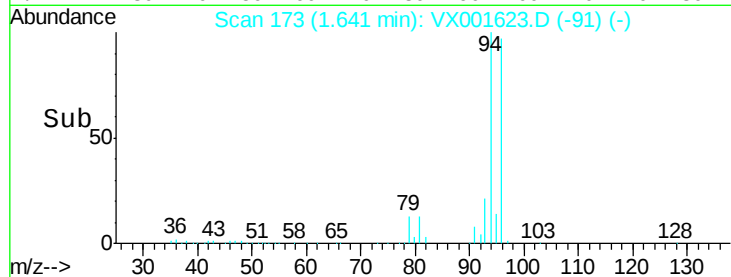
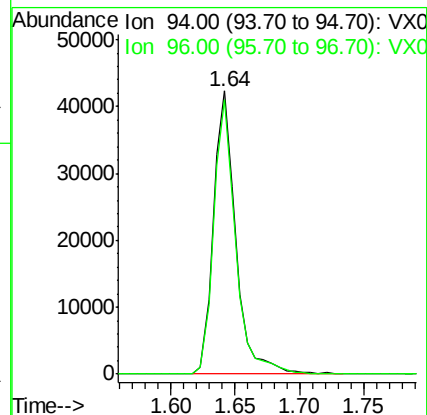
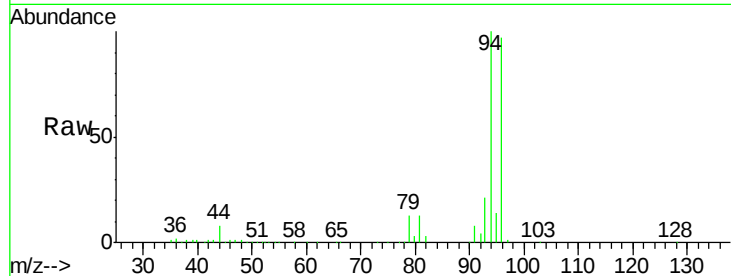
96 96.8 77.8 116.8

Manual Integrations

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#6

Chloroethane

Concen: 21.23 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001623.D

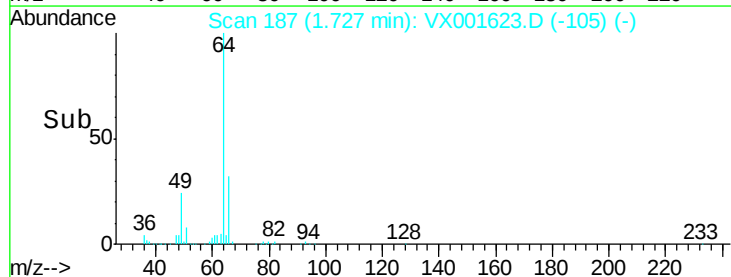
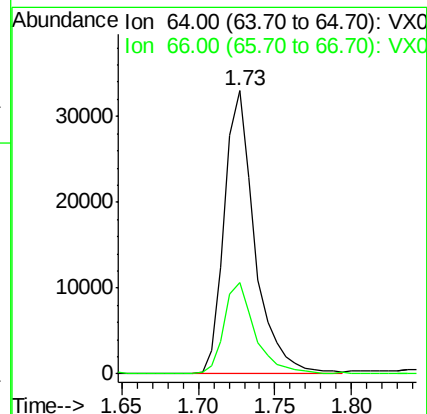
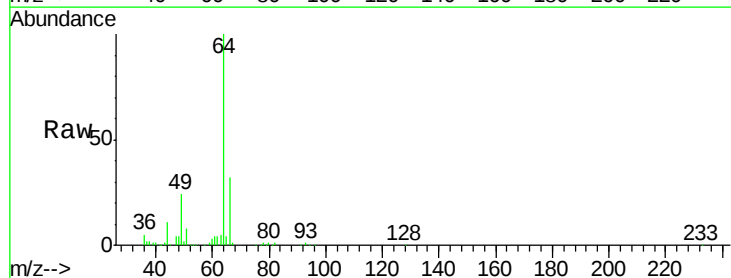
Acq: 11 May 2018 01:15

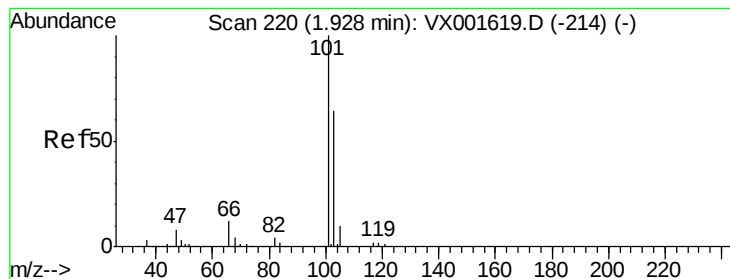
Tgt Ion: 64 Resp: 45237

Ion Ratio Lower Upper

64 100

66 32.1 23.4 35.2





#7

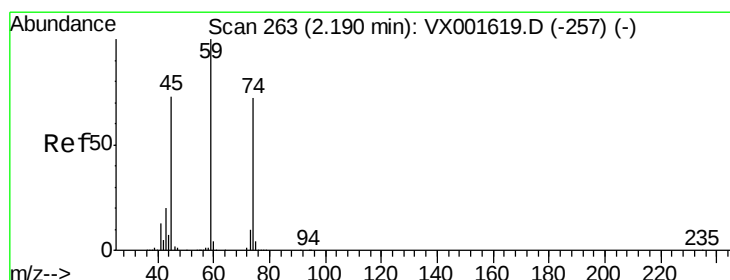
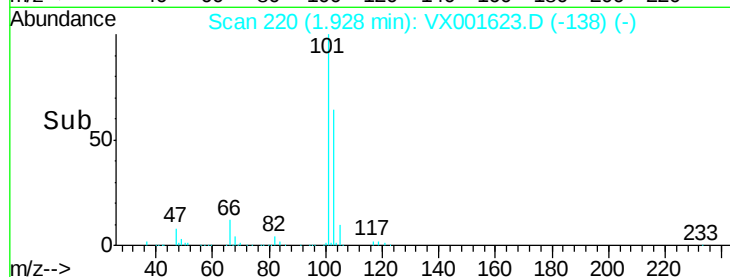
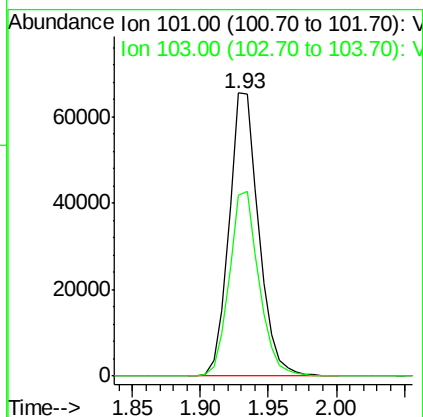
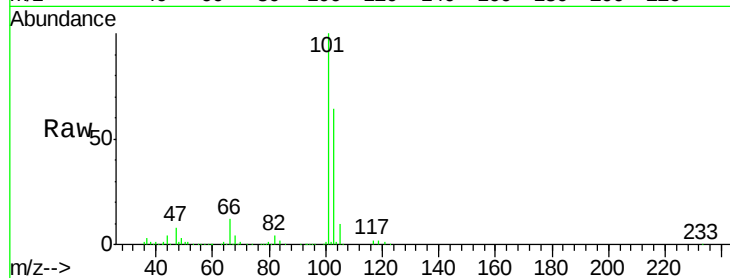
Trichlorofluoromethane
 Concen: 21.64 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	99506		
103	63.7	51.4	77.0	

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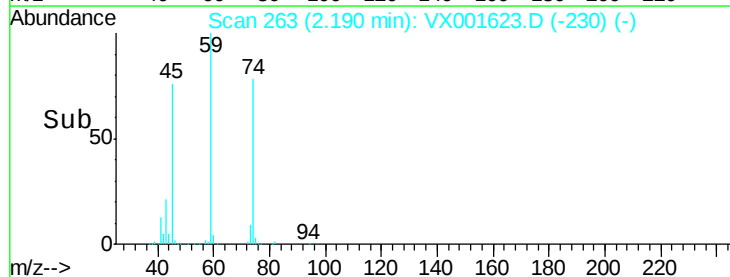
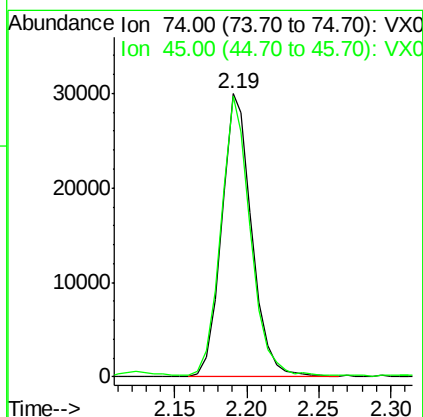
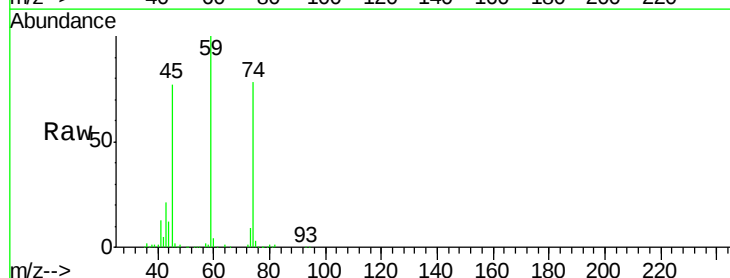
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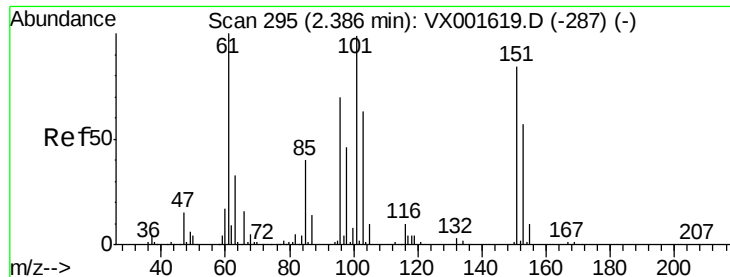


#8

Diethyl Ether
 Concen: 21.98 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	43817		
45	97.4	19.4	174.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.99 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

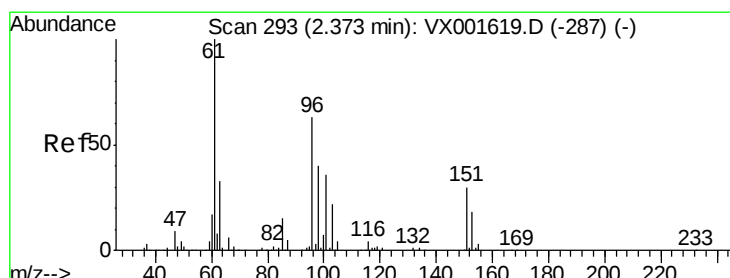
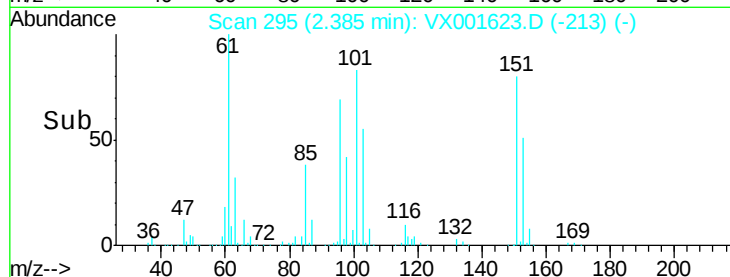
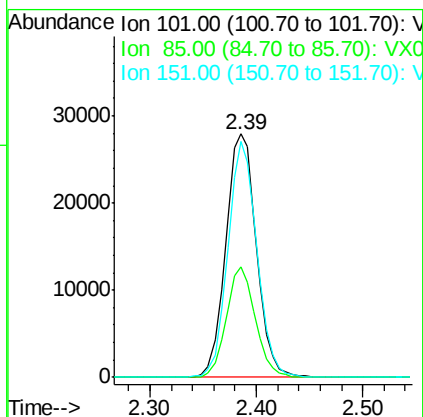
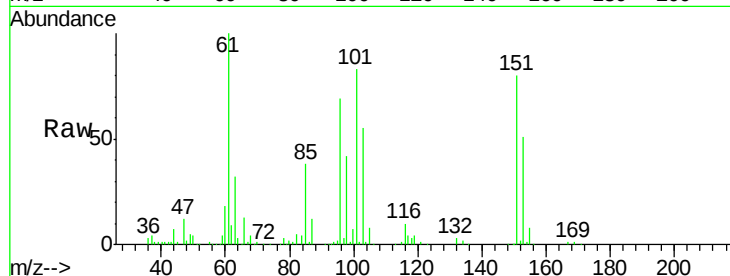
ClientSampleId :

ICVVX051118

Tot Ion:	101	Resp:	56162
Ion Ratio	Lower	Upper	
101	100		
85	42.8	0.0	84.0
151	91.6	0.0	176.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 21.69 ug/l

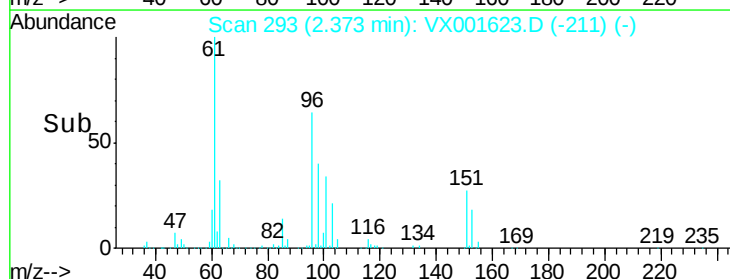
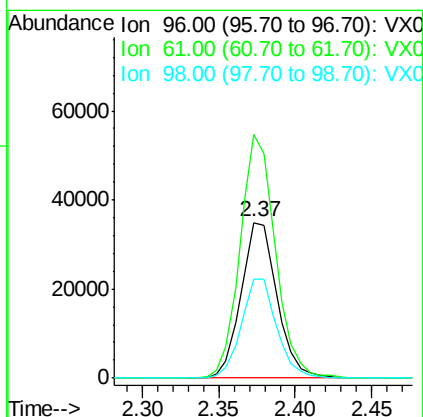
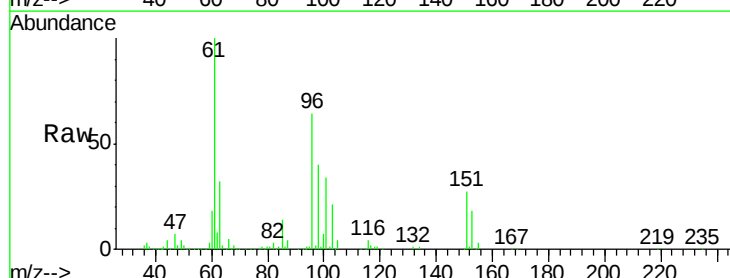
RT: 2.37 min Scan# 293

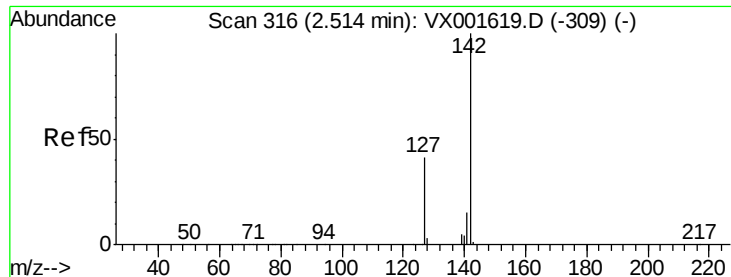
Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Tgt Ion:	96	Resp:	57033
Ion Ratio	Lower	Upper	
96	100		
61	156.4	126.5	189.7
98	63.4	50.6	75.8





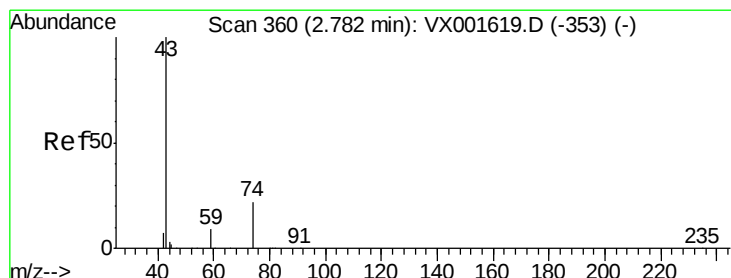
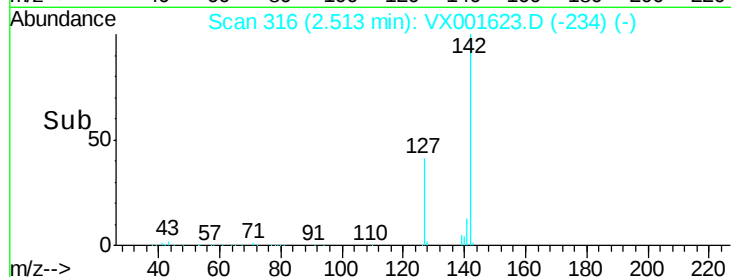
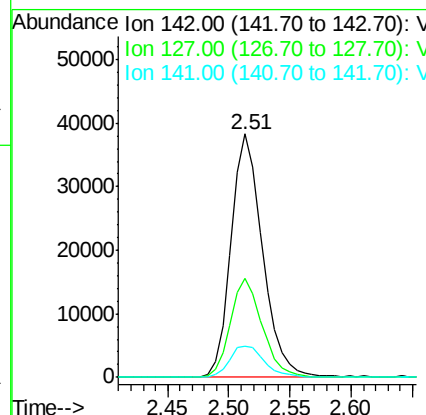
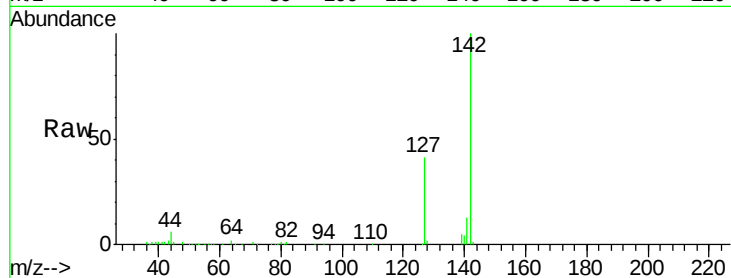
#11
Methyl Iodide
Concen: 17.90 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.6	20.7	62.1
141	13.1	7.4	22.3

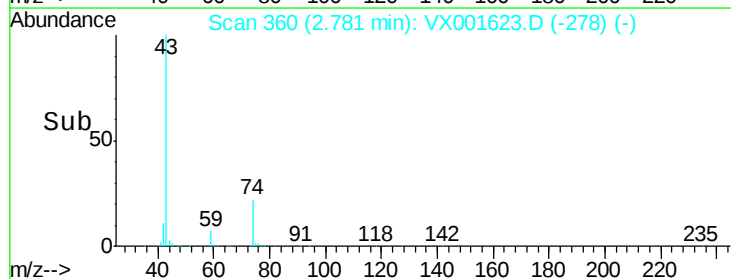
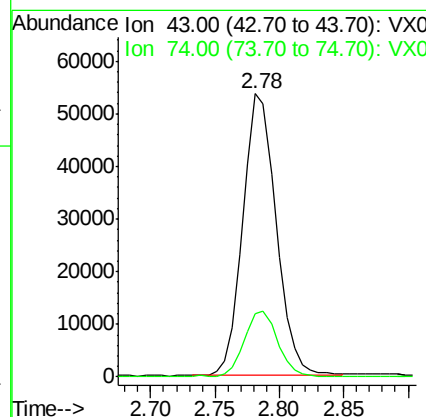
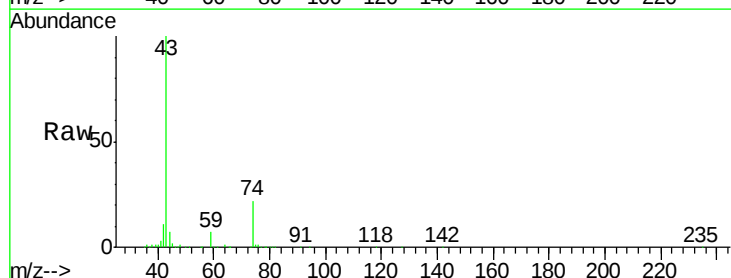
Manual Integrations
APPROVED

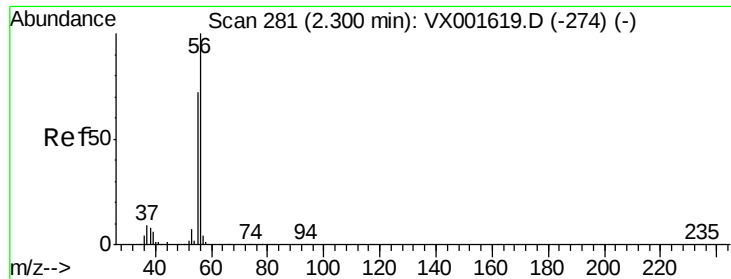
apatel
5/14/2018 3:57:43 PM



#12
Methyl Acetate
Concen: 21.53 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.0	27.0





#13

Acrolein

Concen: 100.32 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051118

Tot Ion: 56 Resp: 50846

Ion Ratio Lower Upper

56 100

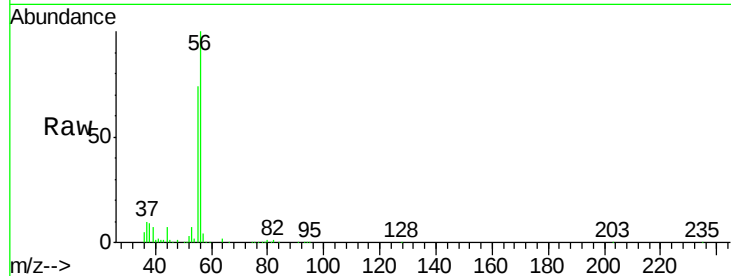
55 71.9 56.9 85.3

Manual Integrations

APPROVED

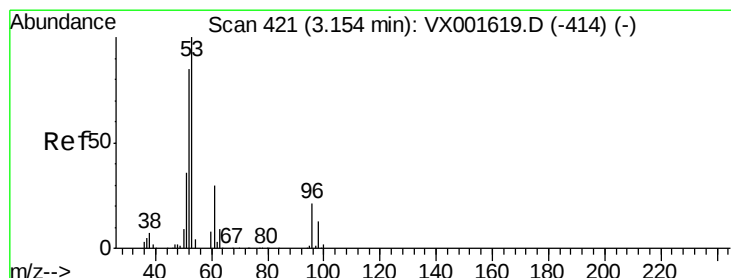
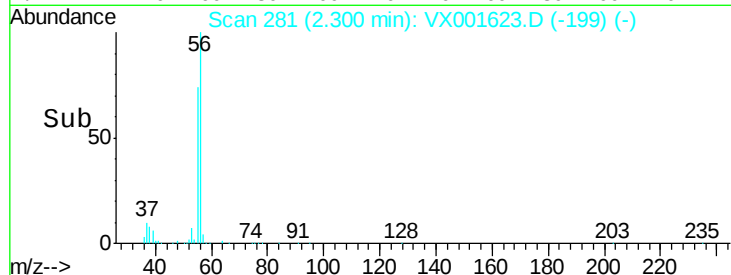
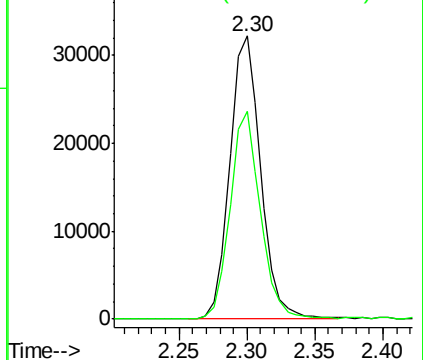
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 107.97 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

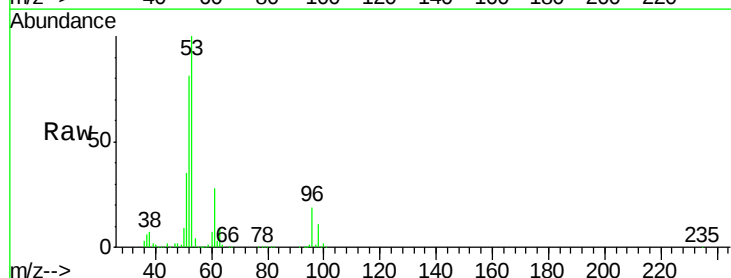
Tgt Ion: 53 Resp: 192795

Ion Ratio Lower Upper

53 100

52 81.0 41.3 123.9

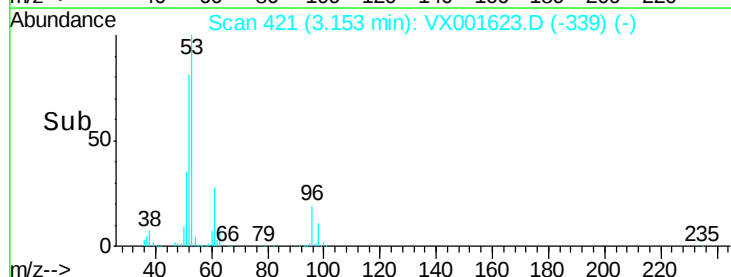
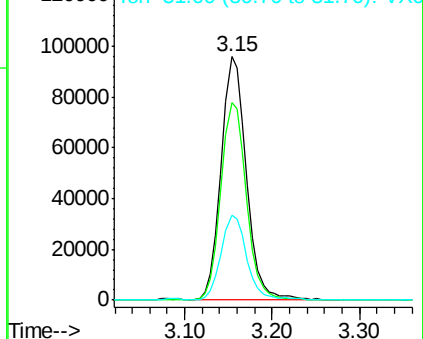
51 34.6 18.1 54.3

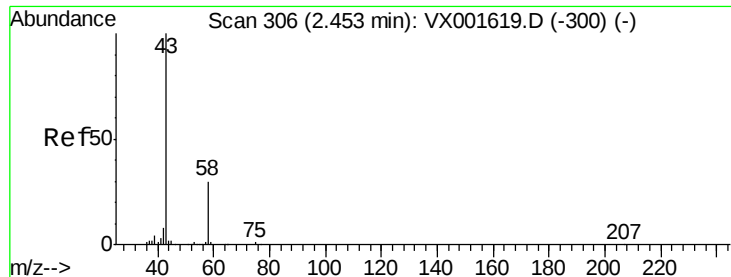


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





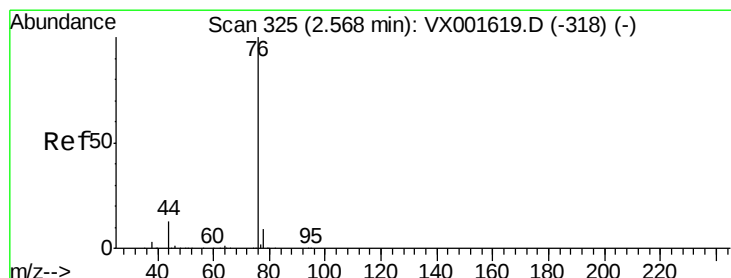
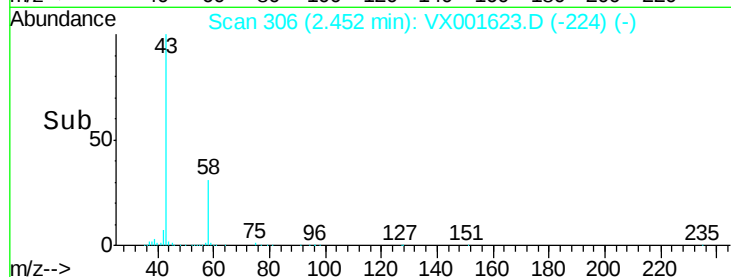
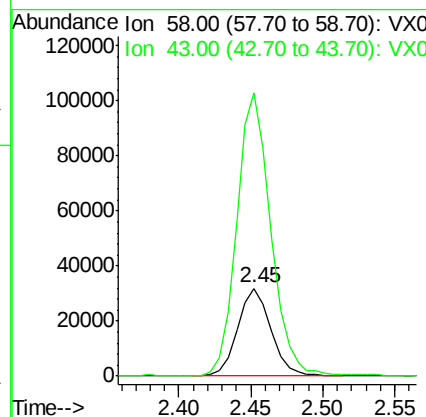
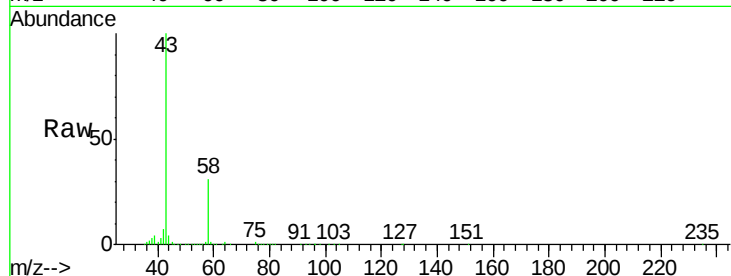
#15
Acetone
Concen: 108.02 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	58	Resp	51820
Ion	Ratio	Lower	Upper
58	100		
43	321.8	264.2	396.2

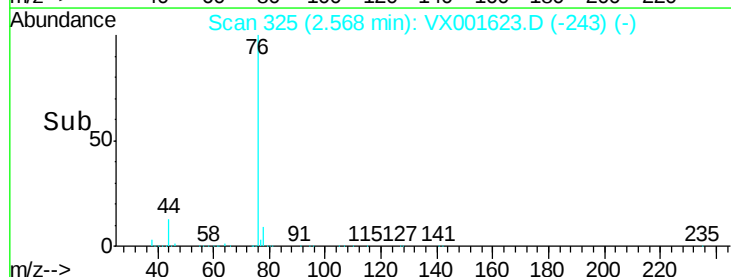
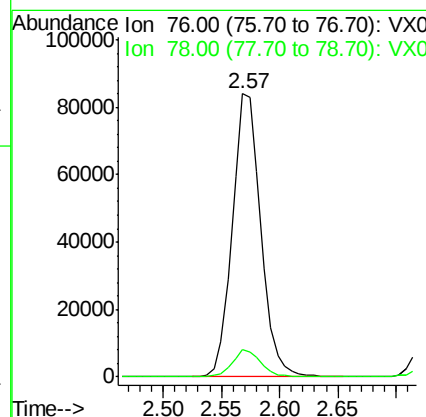
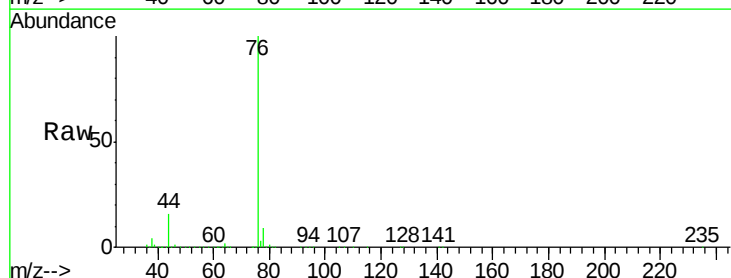
Manual Integrations
APPROVED

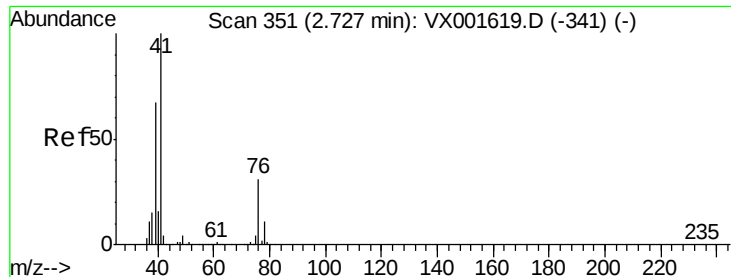
apatel
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#16
Carbon Disulfide
Concen: 21.92 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	76	Resp	142779
Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9





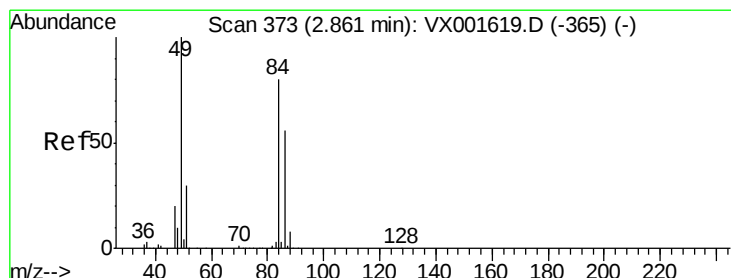
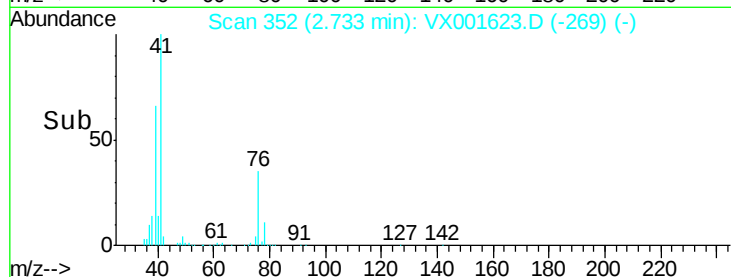
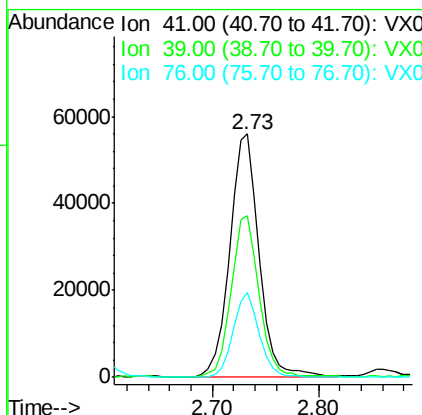
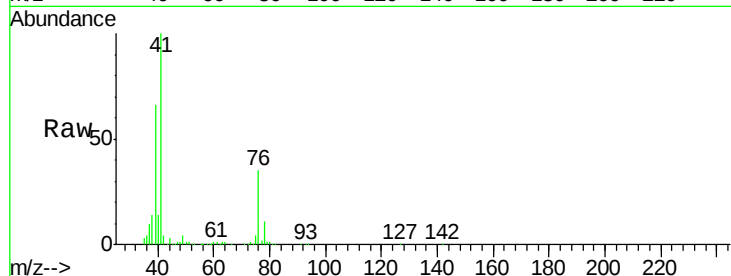
#17
Allvl chloride
Concen: 21.33 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.2	33.7	101.1
76	34.7	15.4	46.4

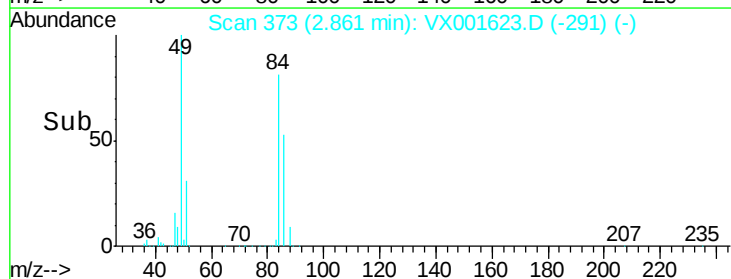
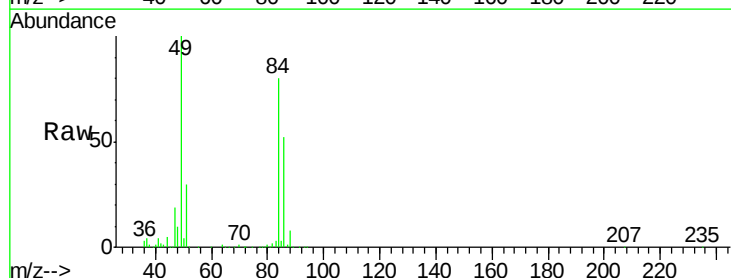
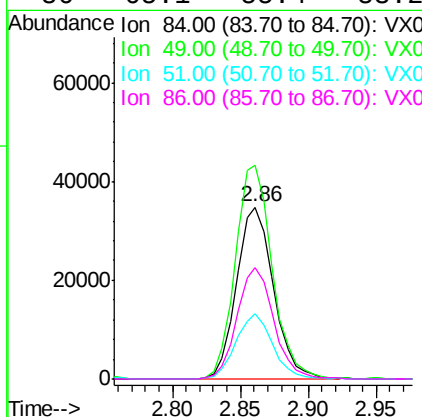
Manual Integrations
APPROVED

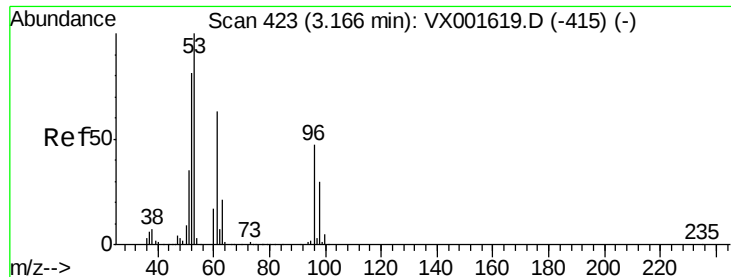
apatel
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#18
Methylene Chloride
Concen: 21.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	99.5	149.3
51	37.7	30.1	45.1
86	65.1	55.4	83.2





#19

trans-1,2-Dichloroethene

Concen: 21.58 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

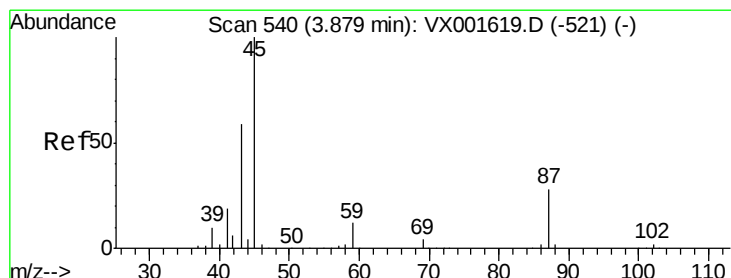
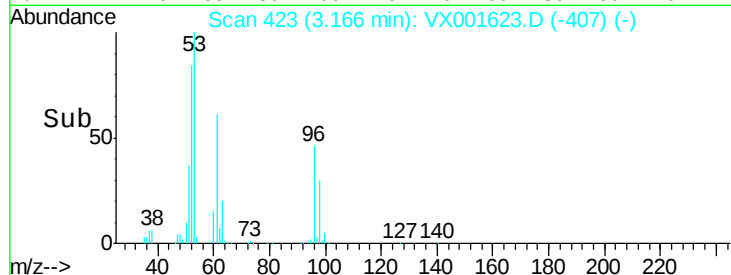
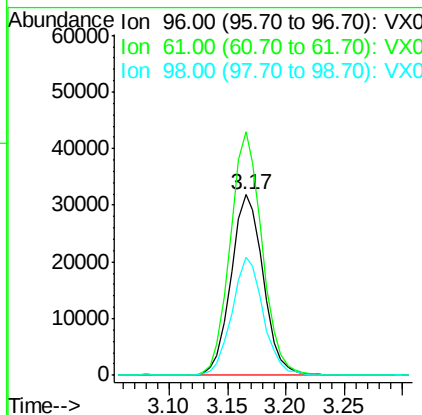
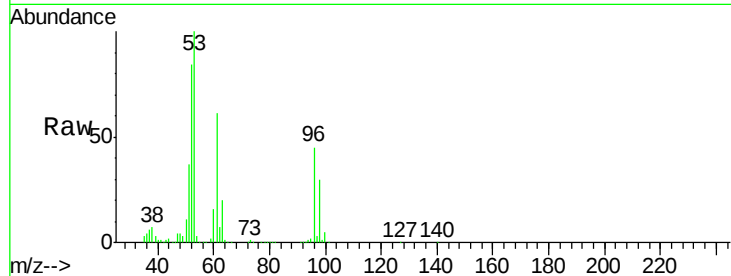
ClientSampleId :

ICVVX051118

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	135.1	107.7	161.5	
98	65.5	51.6	77.4	

Manual Integrations
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#20

Diisopropyl ether

Concen: 21.73 ug/l

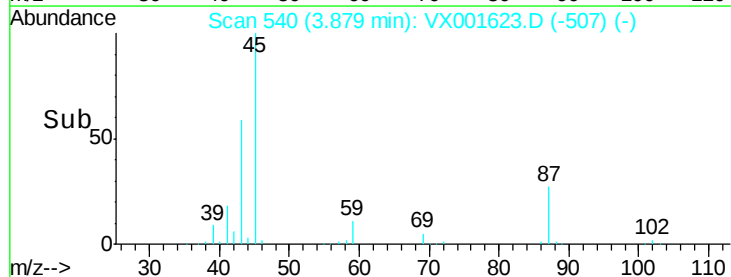
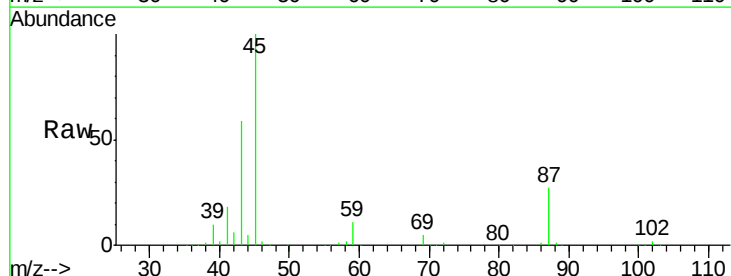
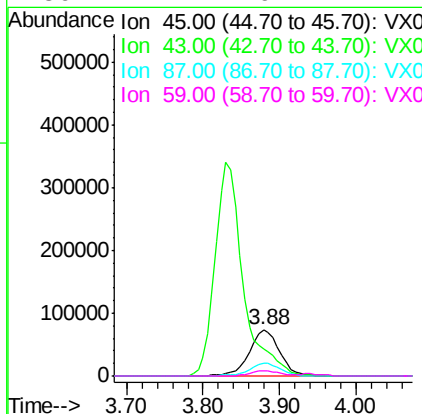
RT: 3.88 min Scan# 540

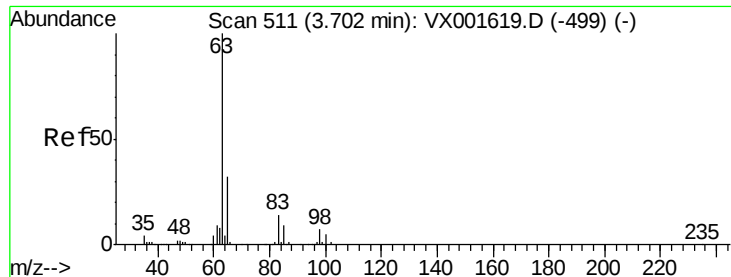
Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	58.3	47.5	71.3	
87	27.2	22.2	33.4	
59	11.2	9.4	14.2	





#21

1,1-Dichloroethane

Concen: 21.16 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

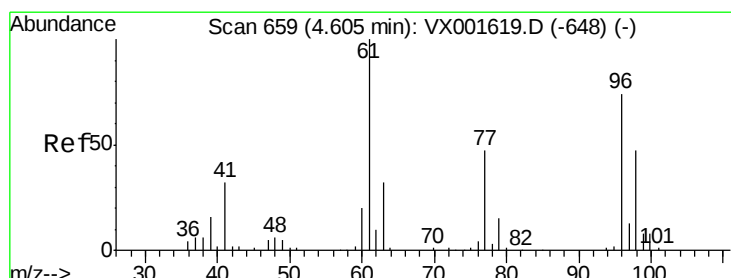
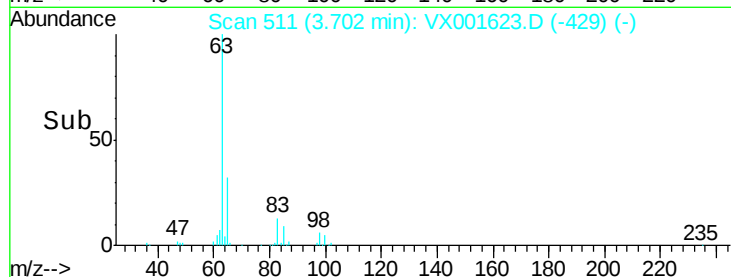
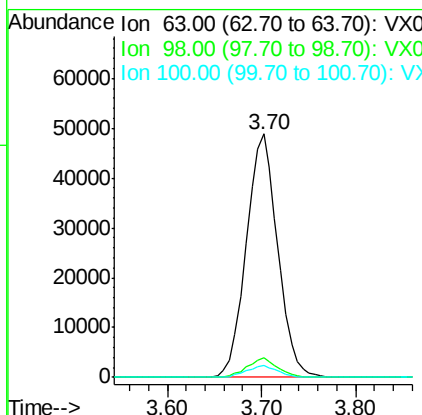
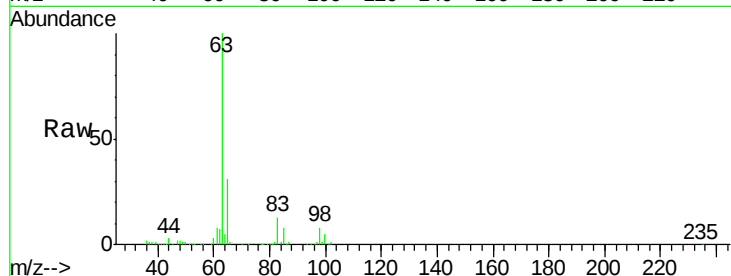
ClientSampleId :

ICVVX051118

Tot Ion:	63	Resp:	114009
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.5	10.5
100	5.0	2.5	7.4

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 21.57 ug/l

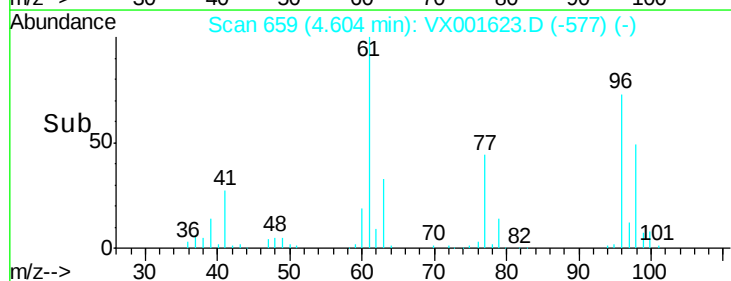
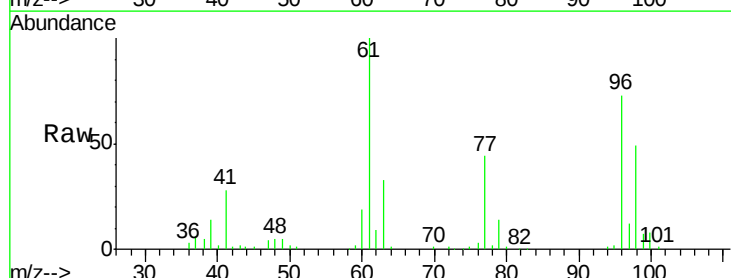
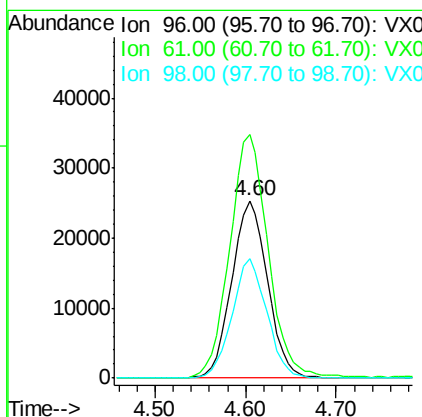
RT: 4.60 min Scan# 659

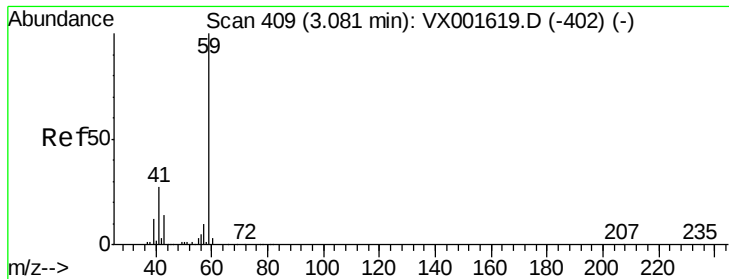
Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Tgt Ion:	96	Resp:	69409
Ion	Ratio	Lower	Upper
96	100		
61	147.1	117.3	175.9
98	64.9	51.2	76.8





#23

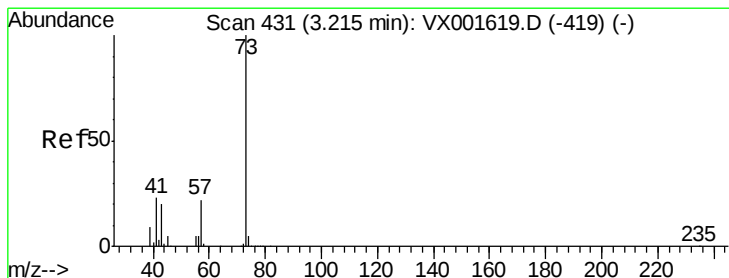
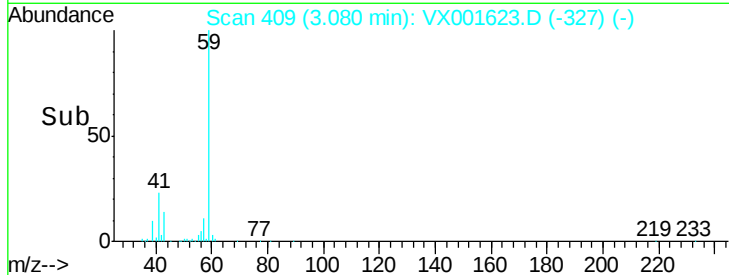
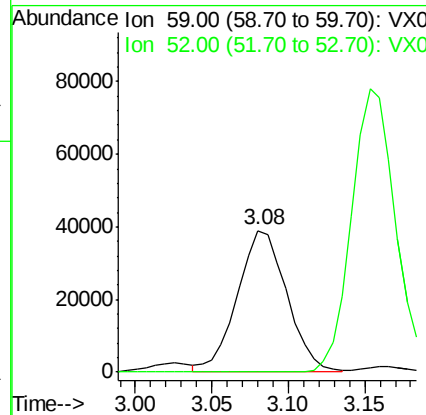
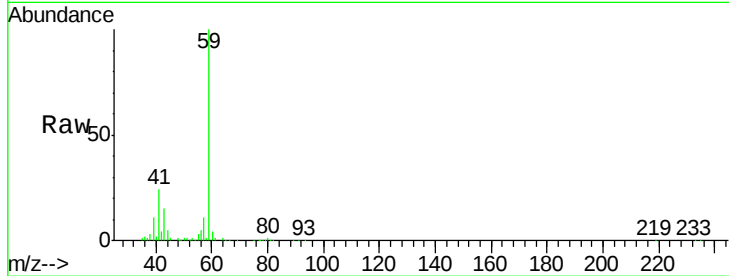
tert-Butyl Alcohol
 Concen: 110.92 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Tot Ion: 59 Resp: 88127
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

Manual Integrations
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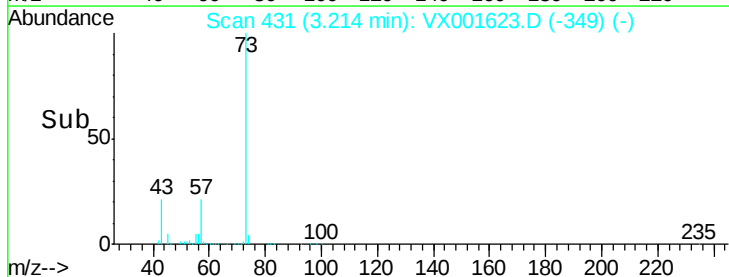
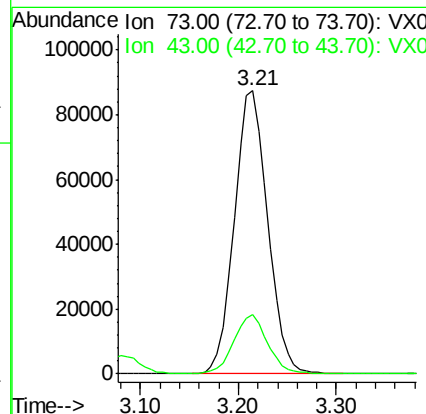
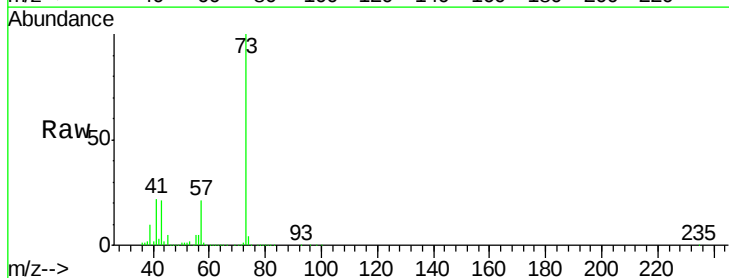
apatel
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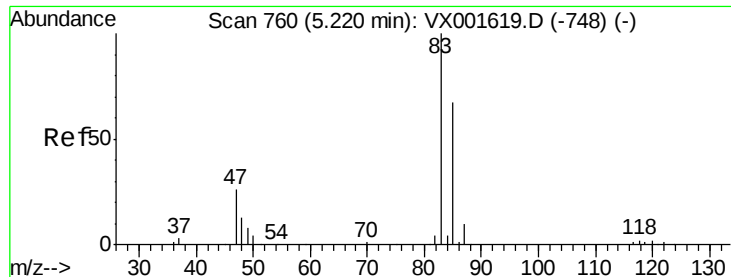


#24

Methyl tert-Butyl Ether
 Concen: 21.64 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion: 73 Resp: 206705
 Ion Ratio Lower Upper
 73 100
 43 20.7 16.3 24.5





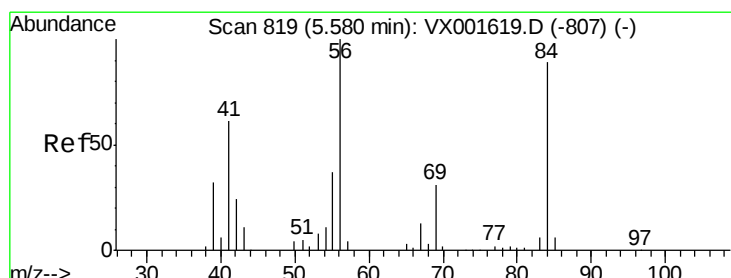
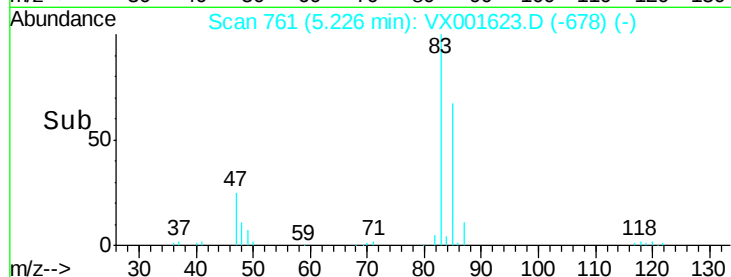
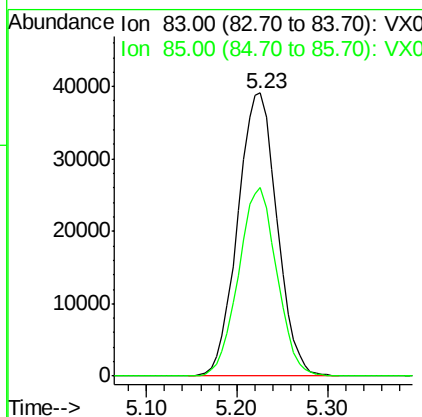
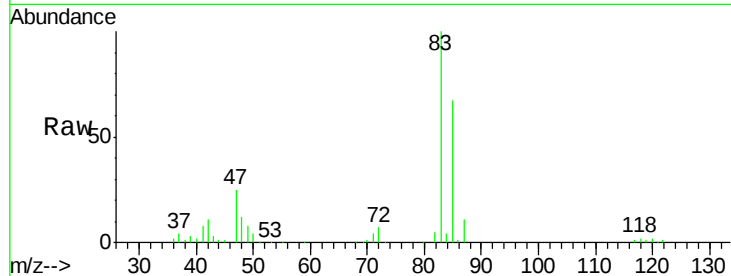
#25
Chloroform
Concen: 21.18 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	83	Resp	117568
Ion Ratio	100	Lower	Upper
85	66.5	53.9	80.9

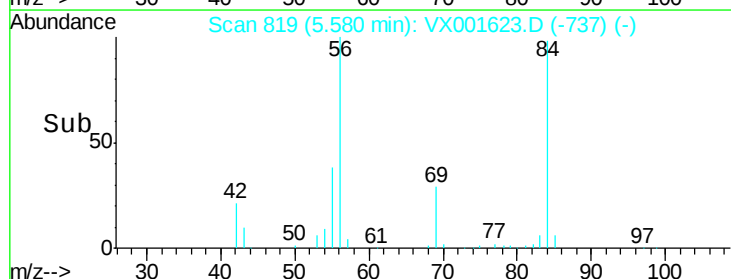
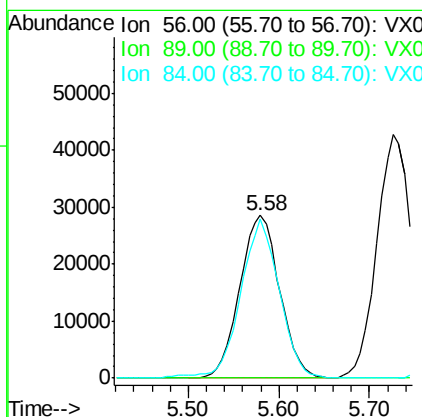
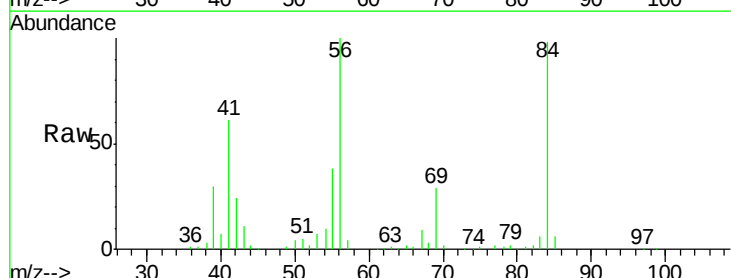
Manual Integrations
APPROVED

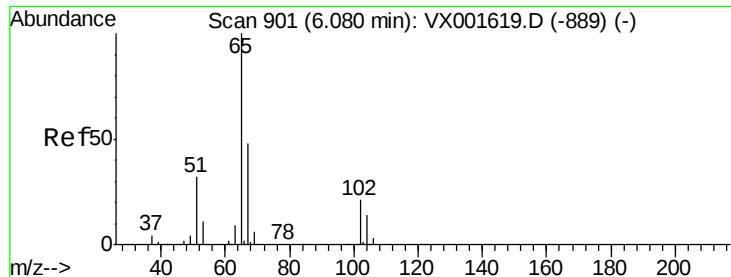
apatel
5/14/2018 3:57:43 PM



#26
Cyclohexane
Concen: 22.21 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	56	Resp	87301
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	93.3	72.2	108.4





#27

1,2-Dichloroethane-d4

Concen: 29.70 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

ClientSampled :

ICVVX051118

Tot Ion: 65 Resp: 123106

Ion Ratio Lower Upper

65 100

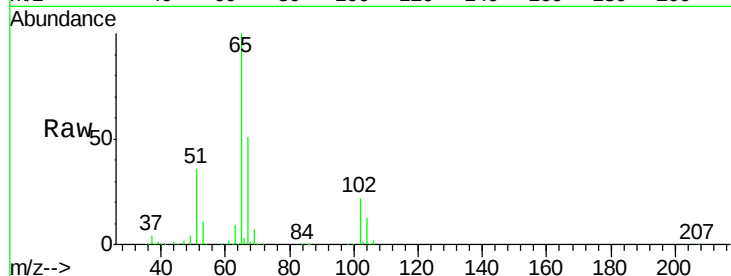
67 50.8 40.2 60.2

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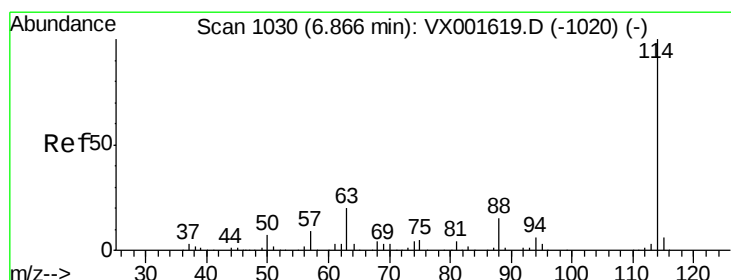
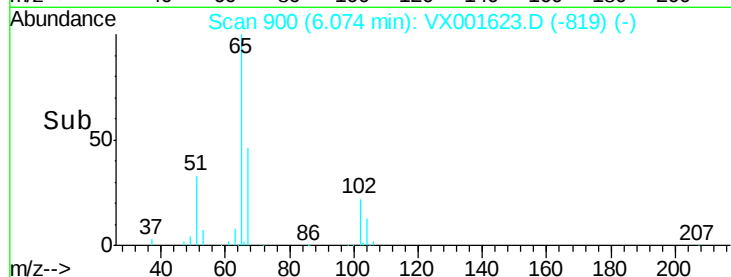
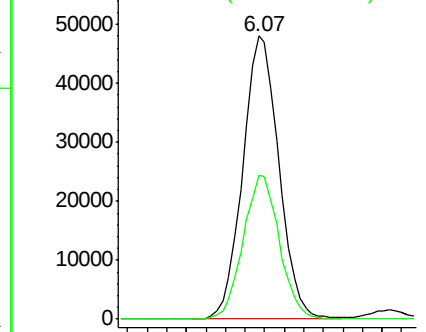
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

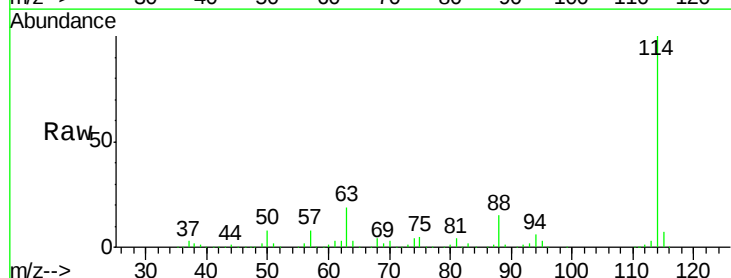
Tgt Ion: 114 Resp: 293085

Ion Ratio Lower Upper

114 100

63 19.3 15.5 23.3

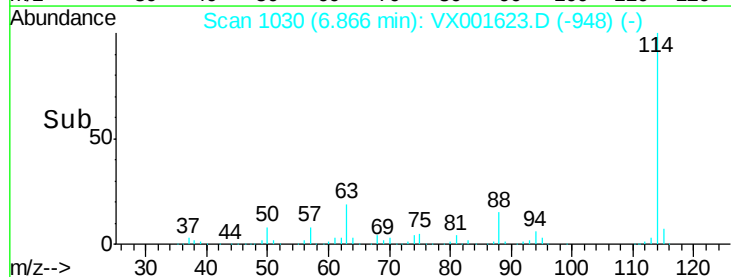
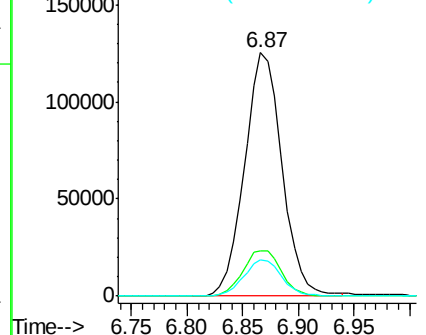
88 15.2 12.2 18.4

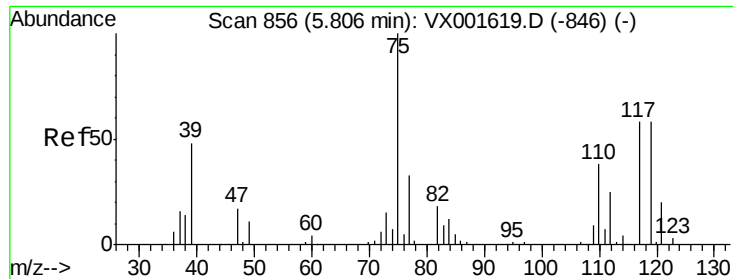


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





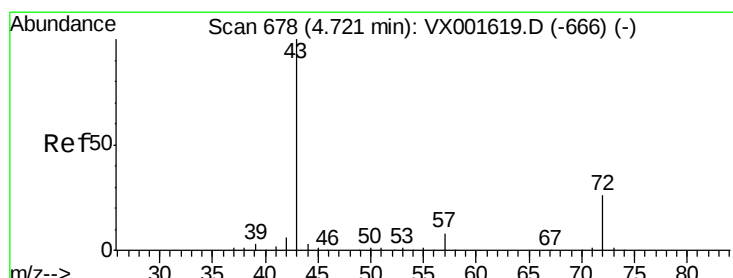
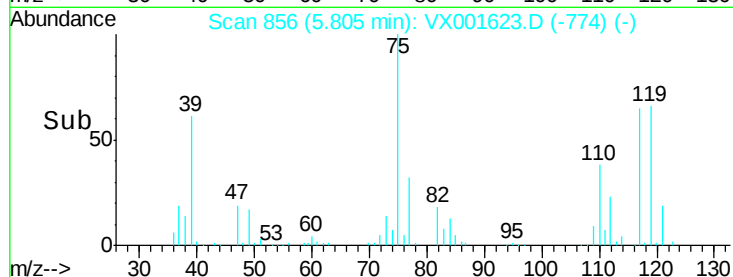
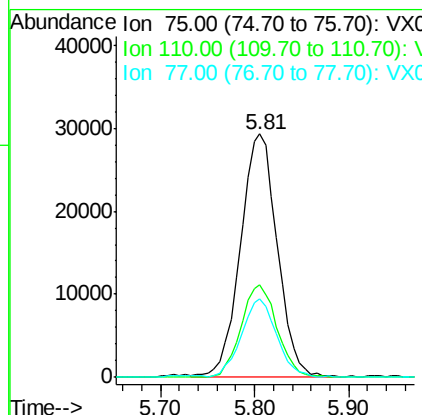
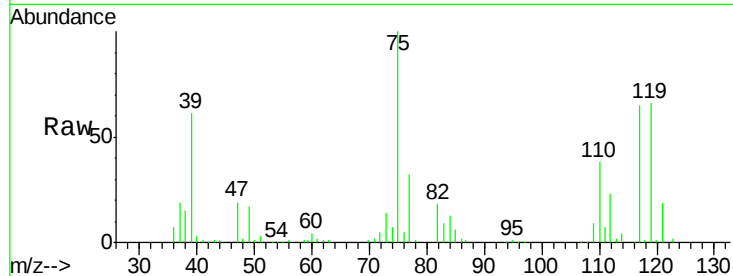
#29
 1,1-Dichloropropene
 Concen: 21.77 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.1	0.0	74.6
77	30.8	0.0	62.4

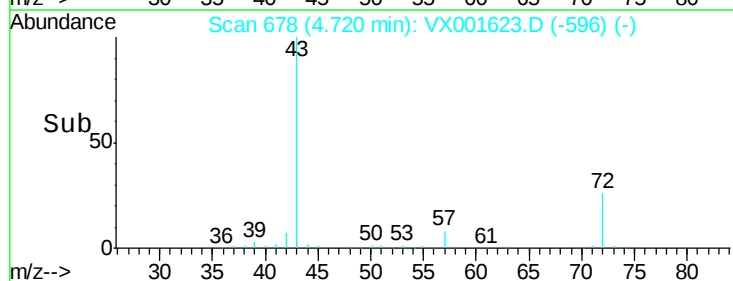
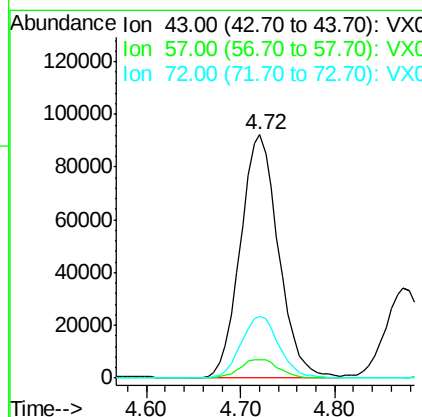
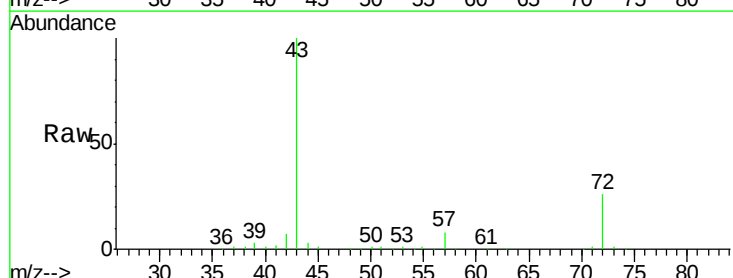
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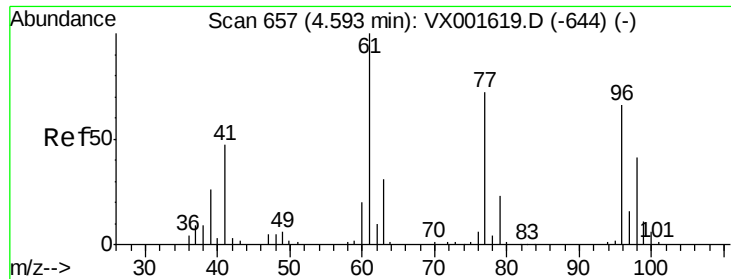
apatel
 5/14/2018 3:57:43 PM



#30
 2-Butanone
 Concen: 107.27 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.3	9.5
72	25.5	20.2	30.4





#31

2,2-Dichloropropane

Concen: 20.11 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051118

Tot Ion: 77 Resp: 63649

Ion Ratio Lower Upper

77 100

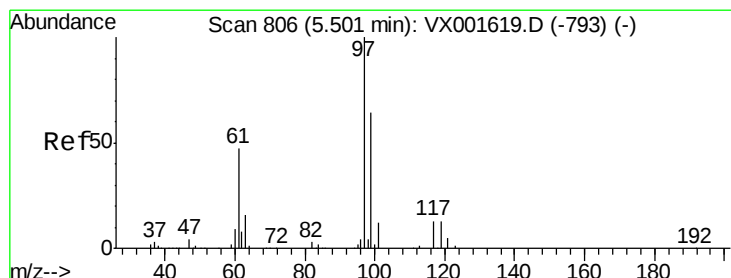
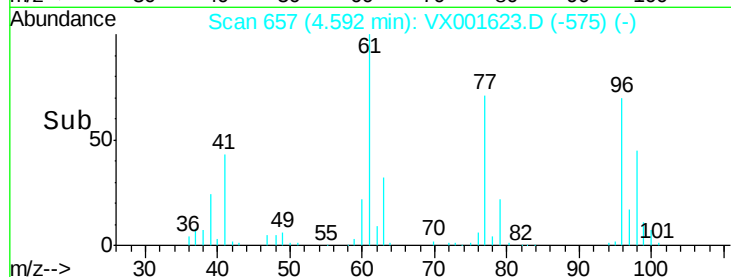
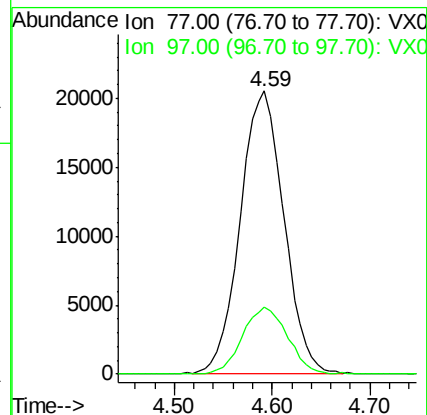
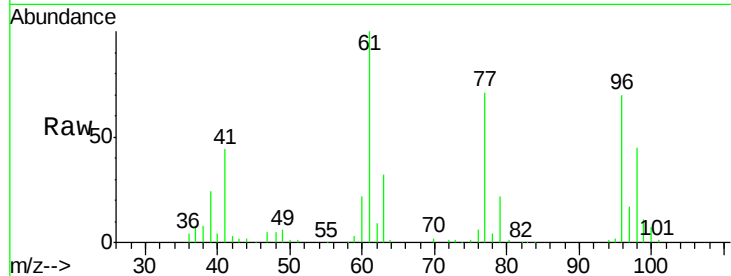
97 24.5 19.3 28.9

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 21.48 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

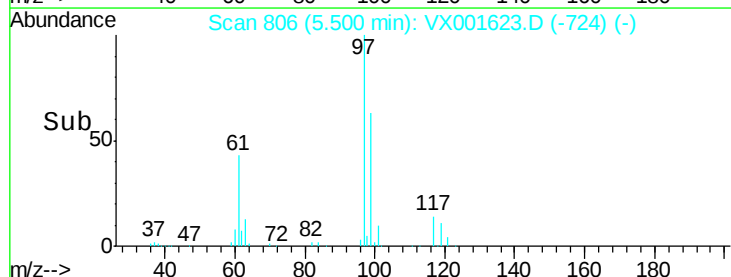
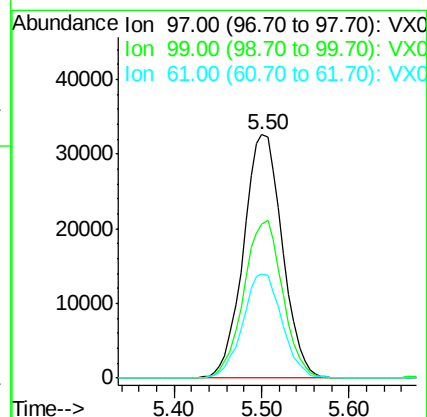
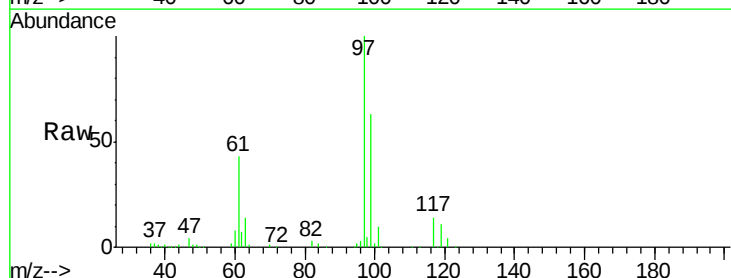
Tgt Ion: 97 Resp: 100584

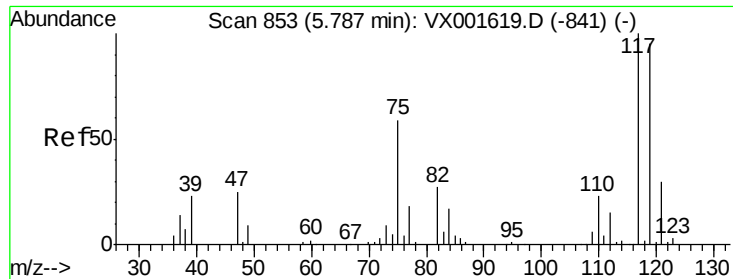
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 43.2 35.6 53.4





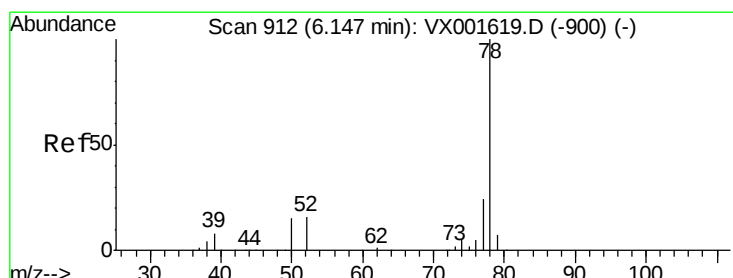
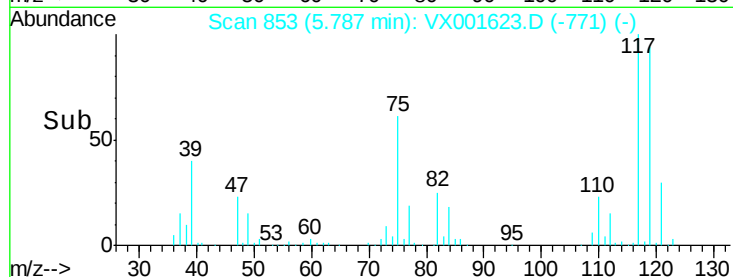
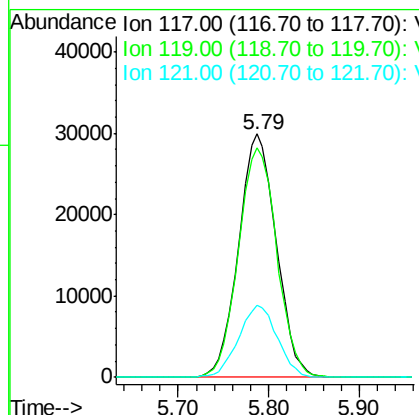
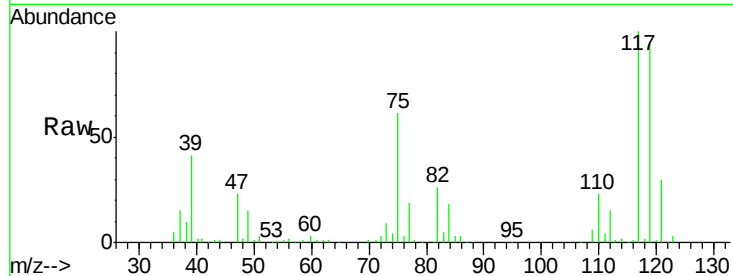
#33
Carbon Tetrachloride
Concen: 20.87 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.7	113.5
121	29.7	24.3	36.5

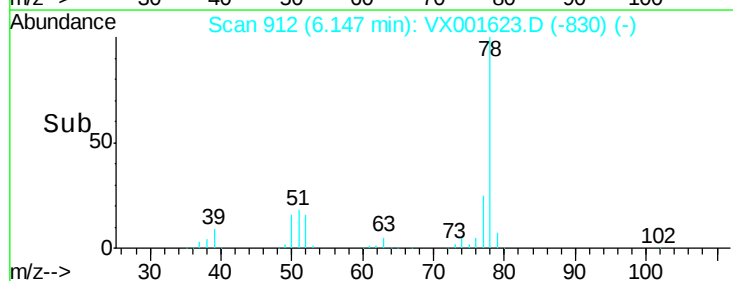
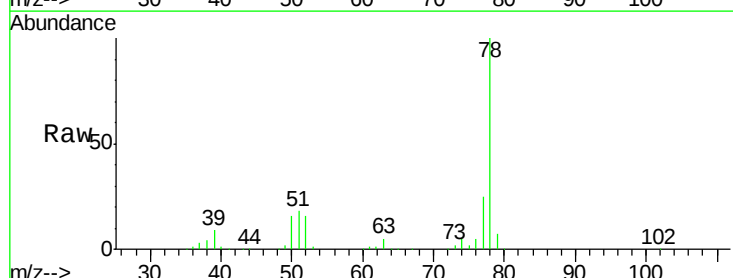
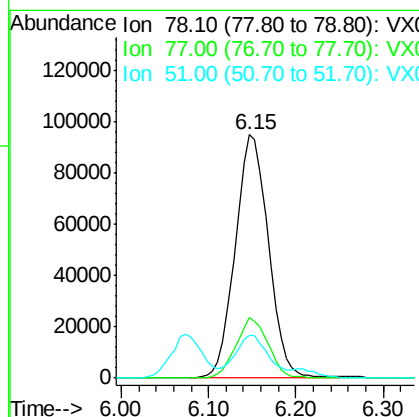
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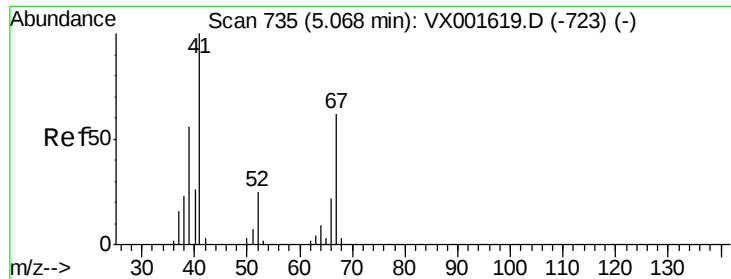
apatel
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#34
Benzene
Concen: 21.30 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.8	28.2
51	17.4	13.5	20.3





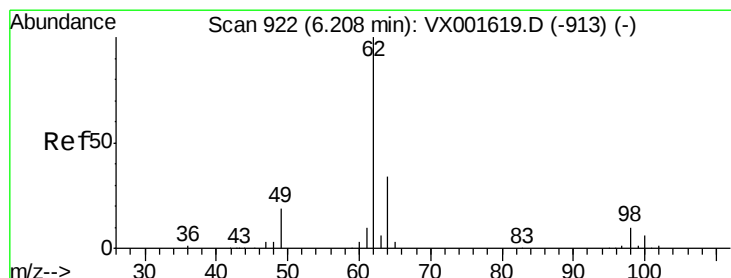
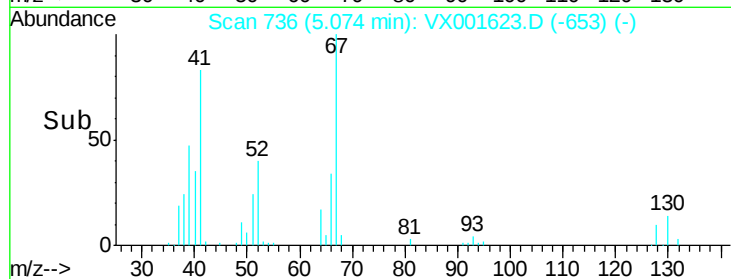
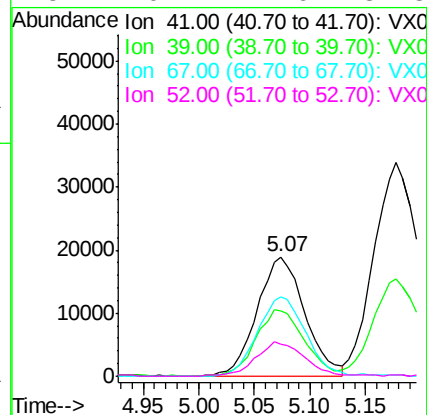
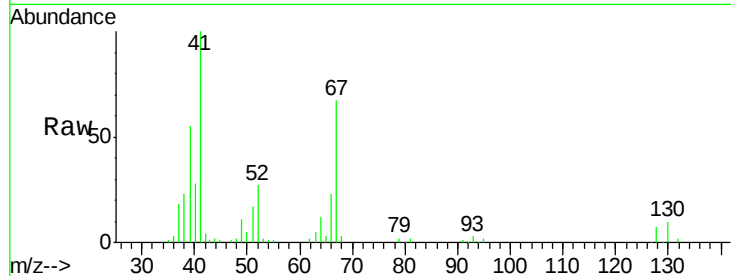
#35
Methacrylonitrile
Concen: 21.30 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	27.9	83.6
67	67.2	30.9	92.5
52	26.4	12.6	37.8

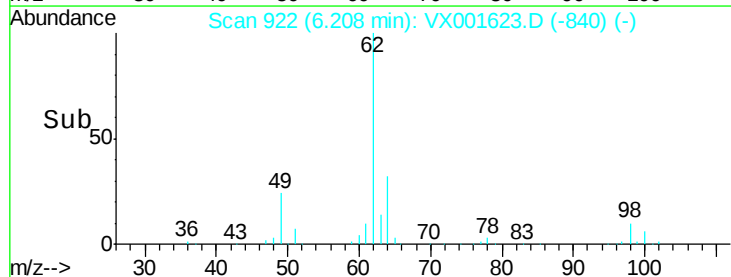
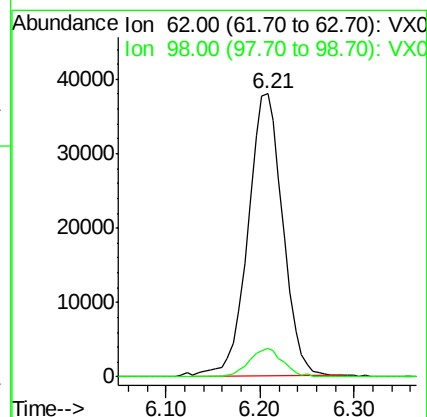
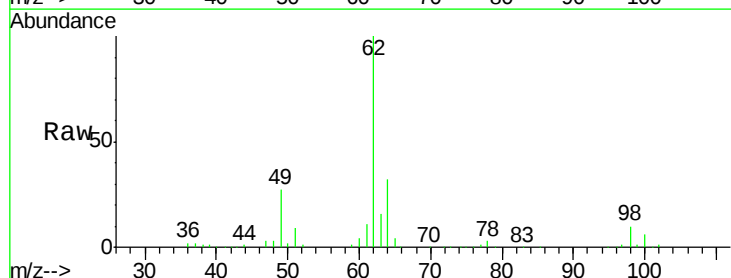
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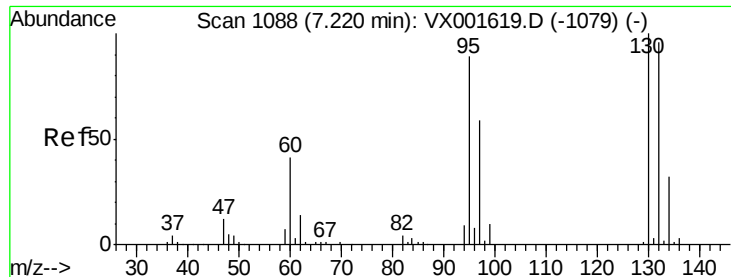
apatel
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#36
1,2-Dichloroethane
Concen: 21.06 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	7.7	11.5





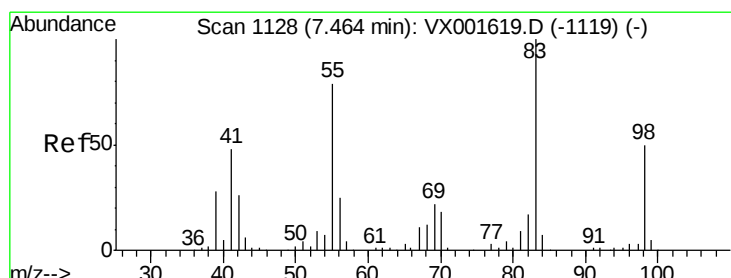
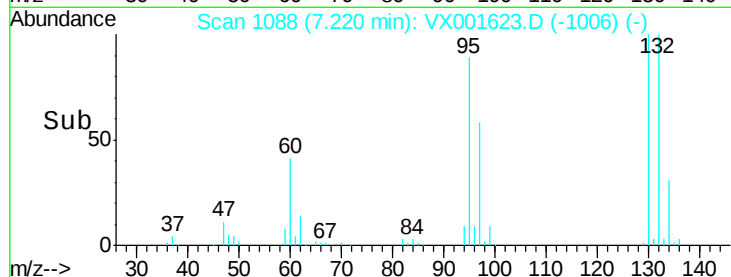
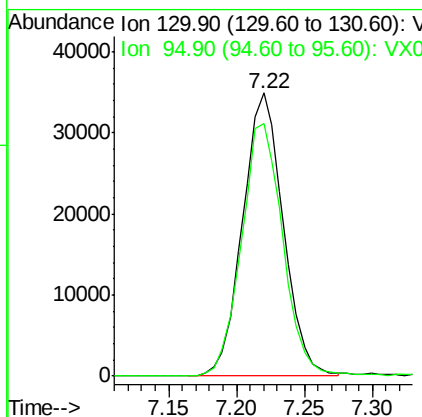
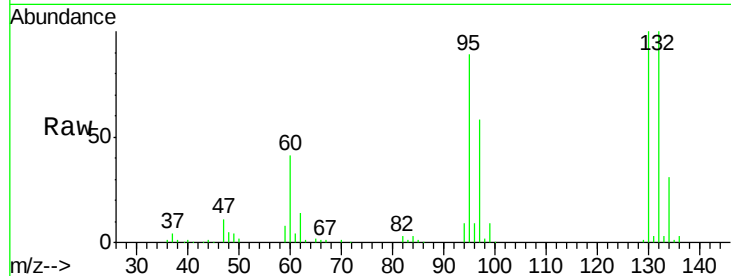
#37
 Trichloroethene
 Concen: 21.10 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Tot Ion:130 Resp: 73203
 Ion Ratio Lower Upper
 130 100
 95 89.1 71.4 107.2

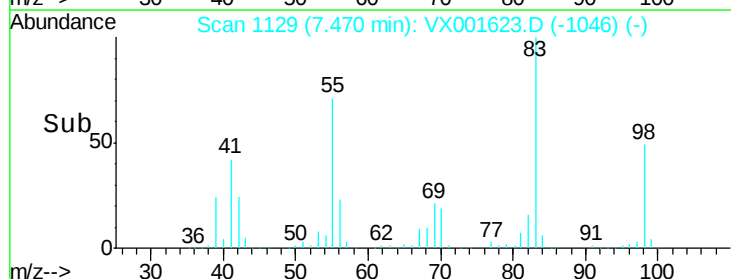
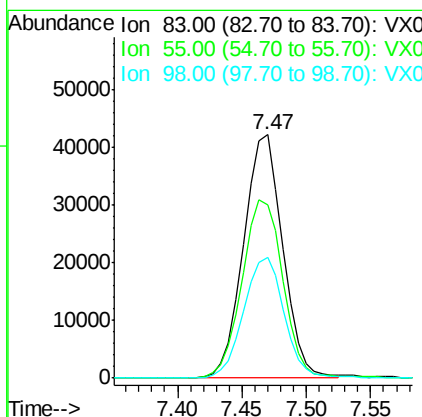
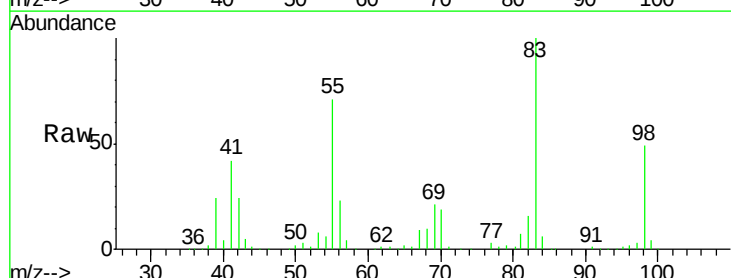
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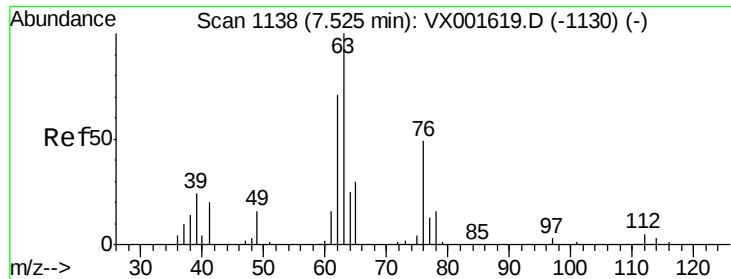
apatel
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#38
 Methylcyclohexane
 Concen: 22.60 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion: 83 Resp: 88965
 Ion Ratio Lower Upper
 83 100
 55 76.6 39.6 118.7
 98 51.3 25.0 75.0





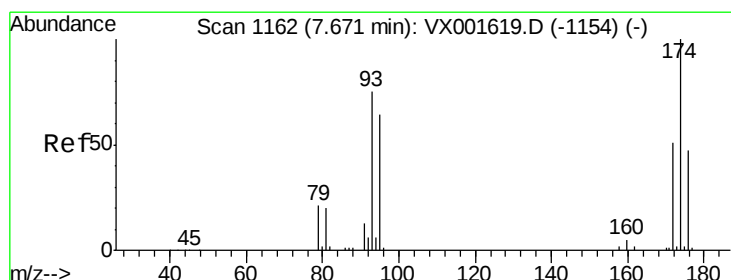
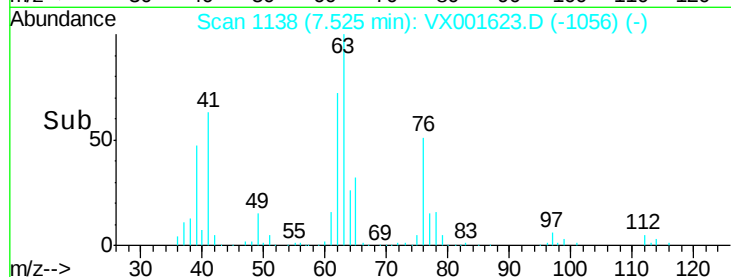
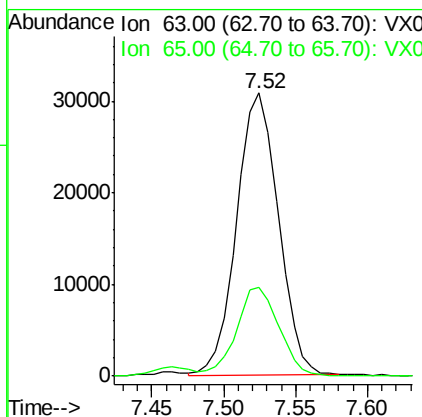
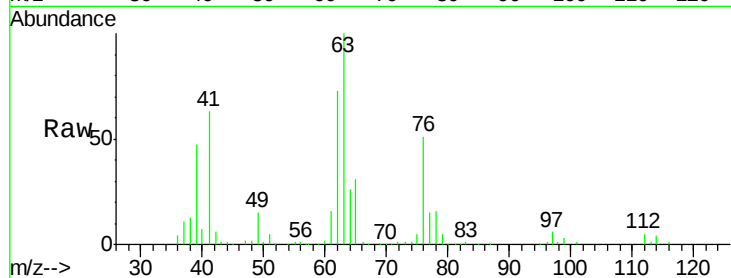
#39
 1,2-Dichloropropane
 Concen: 21.04 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Tot Ion: 63 Resp: 62093
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.3 37.9

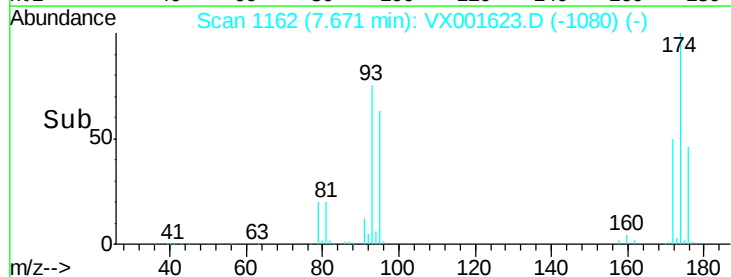
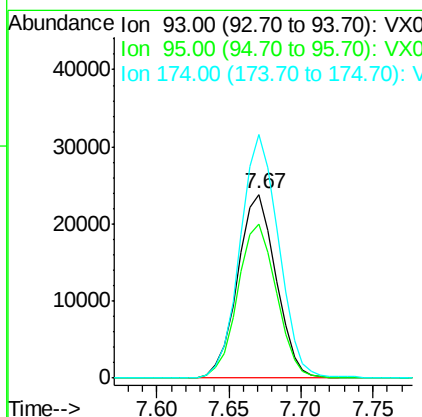
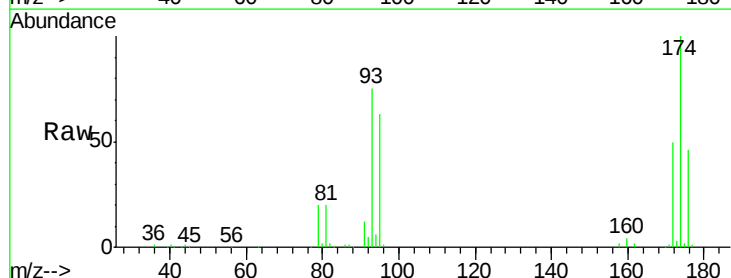
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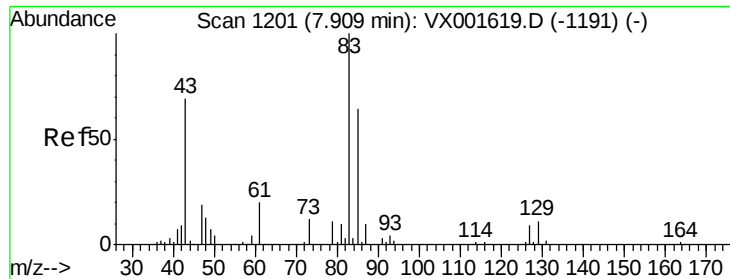
apatel
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#40
 Dibromomethane
 Concen: 20.93 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion: 93 Resp: 44271
 Ion Ratio Lower Upper
 93 100
 95 84.5 0.0 166.2
 174 132.3 0.0 259.2





#41

Bromodichloromethane

Concen: 20.64 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

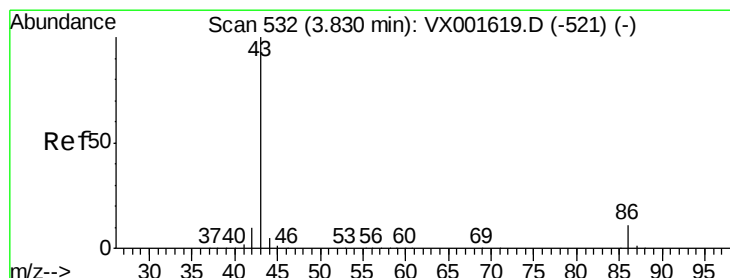
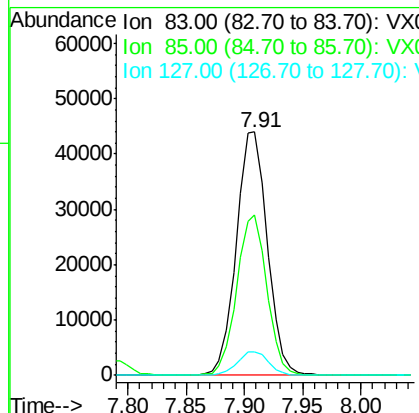
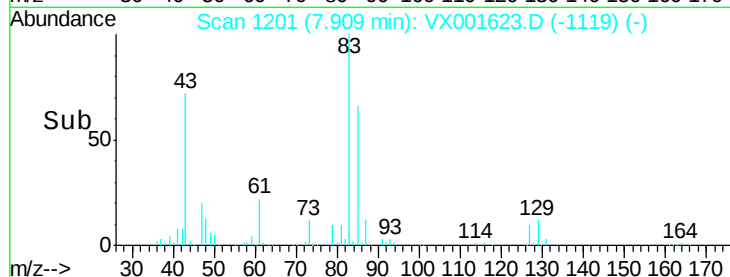
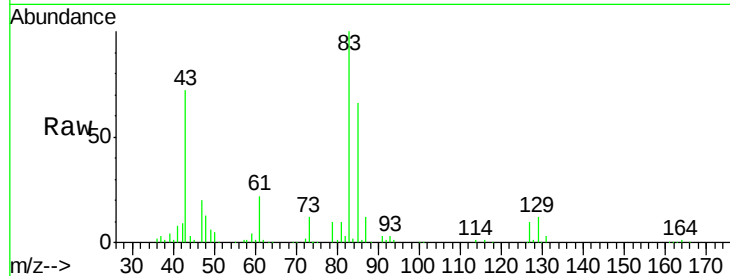
ClientSampleId :

ICVVX051118

Tot Ion:	83	Resp:	82119
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.3	76.9
127	9.7	7.5	11.3

Manual Integrations
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apatel
5/14/2018 3:57:43 PM



#42

Vinyl Acetate

Concen: 108.55 ug/l

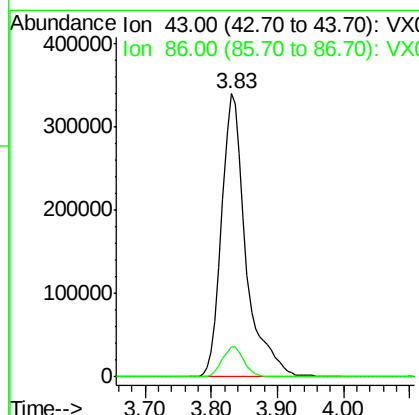
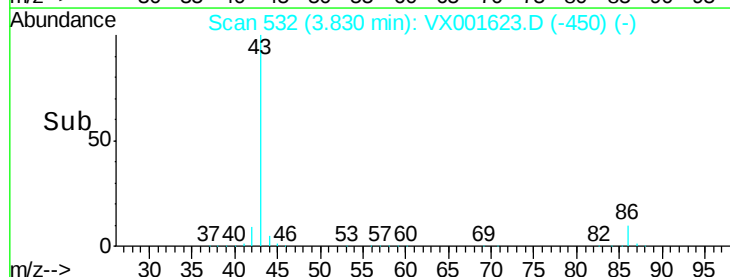
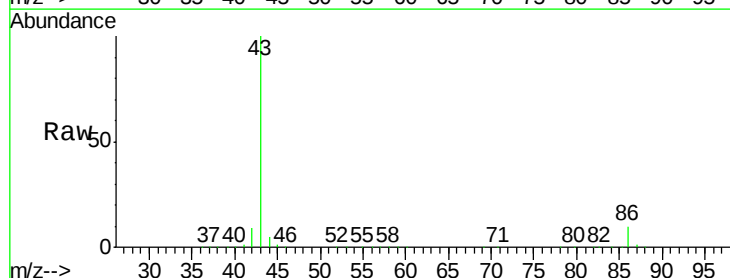
RT: 3.83 min Scan# 532

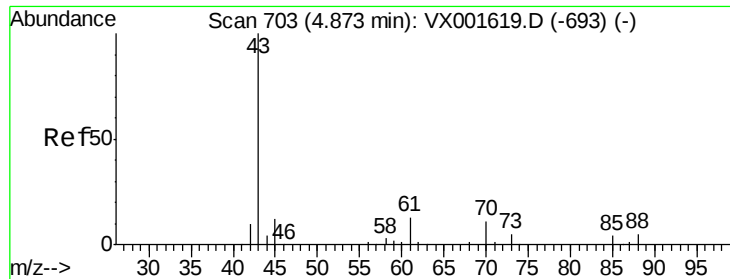
Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Tgt Ion:	43	Resp:	869891
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.4	11.2





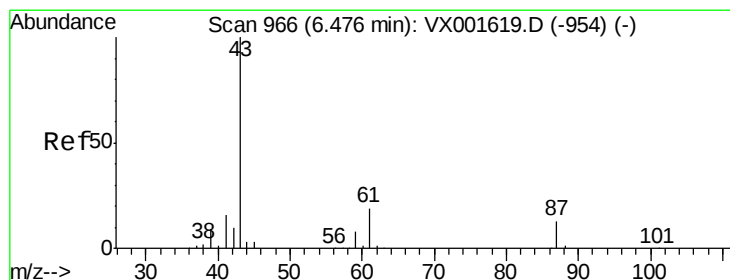
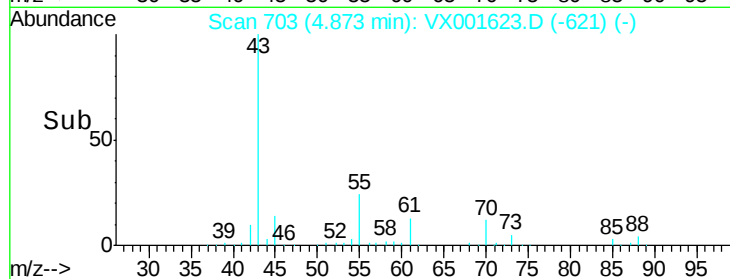
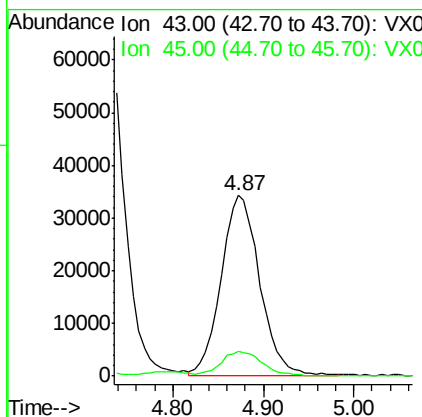
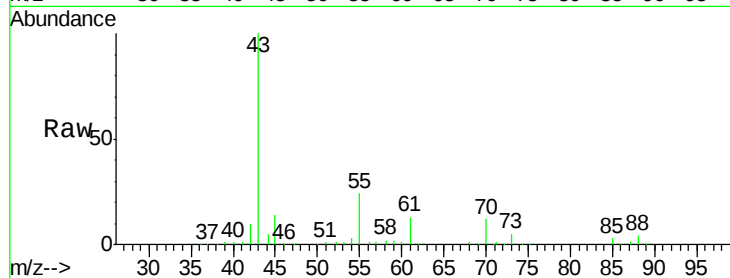
#43
Ethyl Acetate
Concen: 21.96 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion: 43 Resp: 101707
Ion Ratio Lower Upper
43 100
45 14.6 12.7 19.1

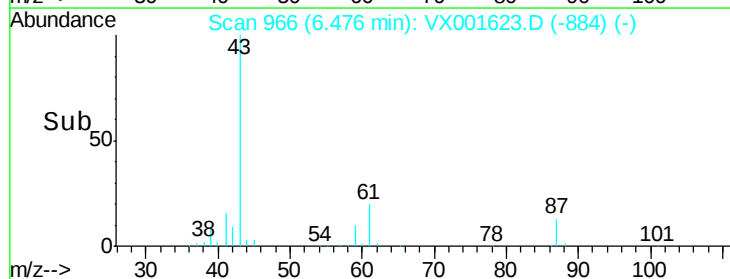
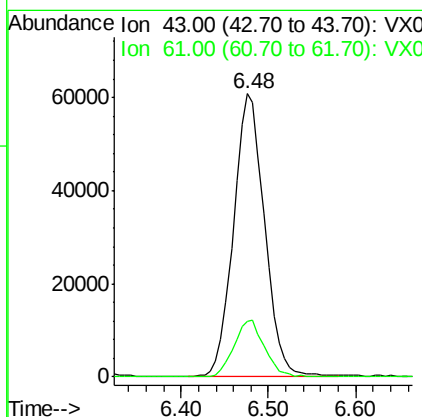
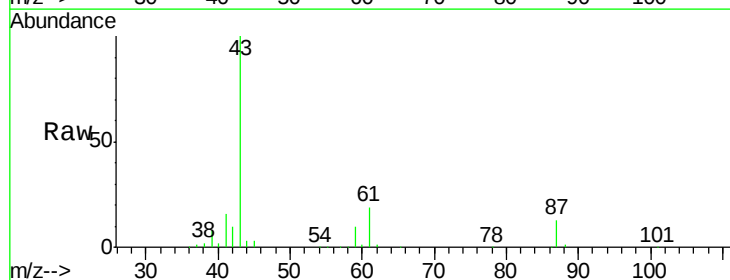
Manual Integrations
APPROVED

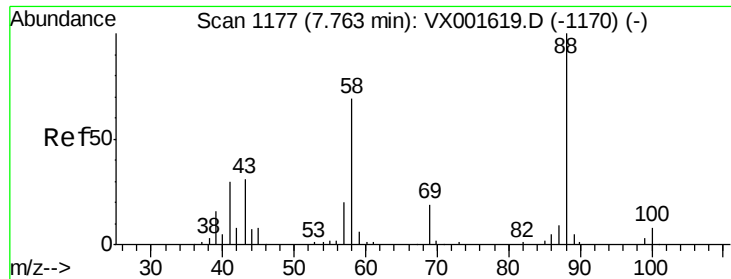
apatel
5/14/2018 3:57:43 PM



#44
Isopropyl Acetate
Concen: 21.22 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion: 43 Resp: 150493
Ion Ratio Lower Upper
43 100
61 19.4 15.1 22.7





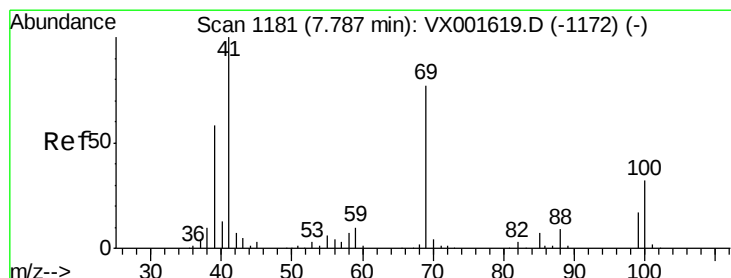
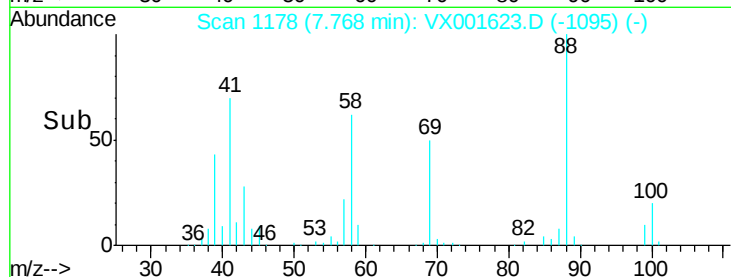
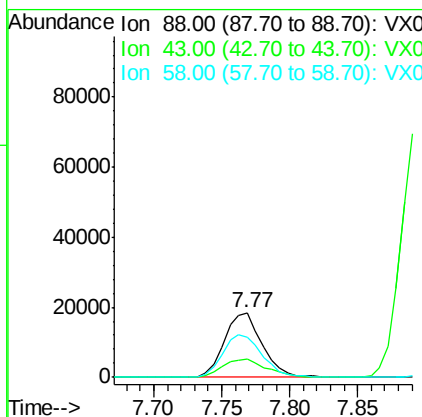
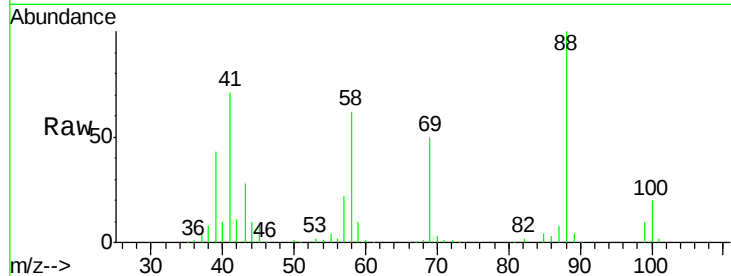
#45
1,4-Dioxane
Concen: 429.67 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	27.9	41.9
58	69.5	55.3	82.9

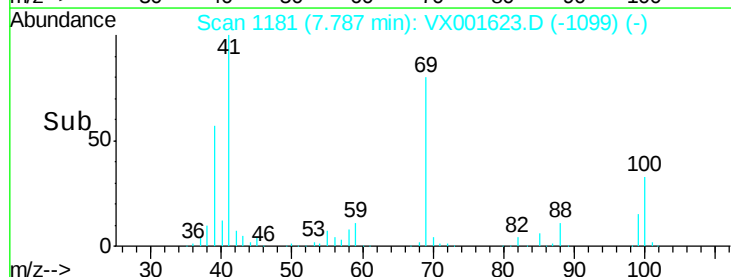
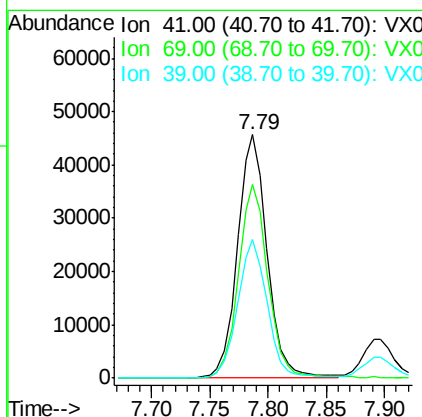
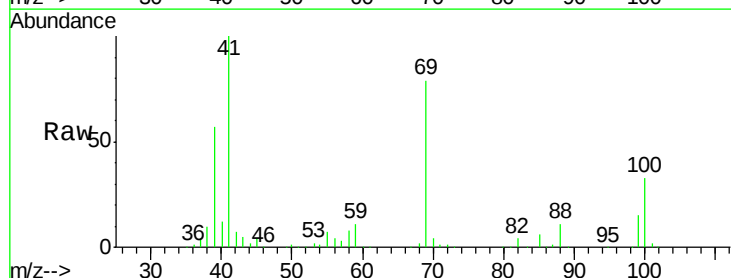
Manual Integrations
APPROVED

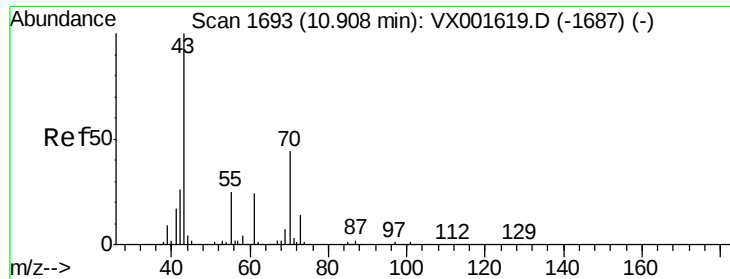
apatel
5/14/2018 3:57:43 PM



#46
Methyl methacrylate
Concen: 21.09 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.5	38.4	115.2
39	56.8	29.0	87.1





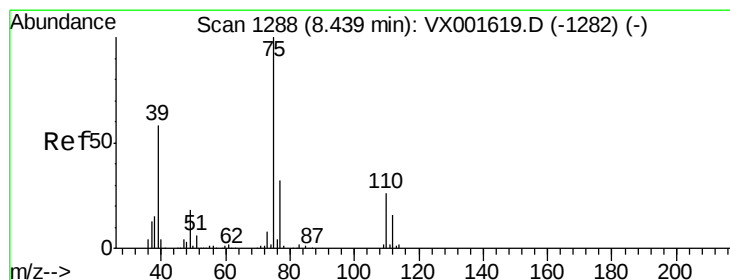
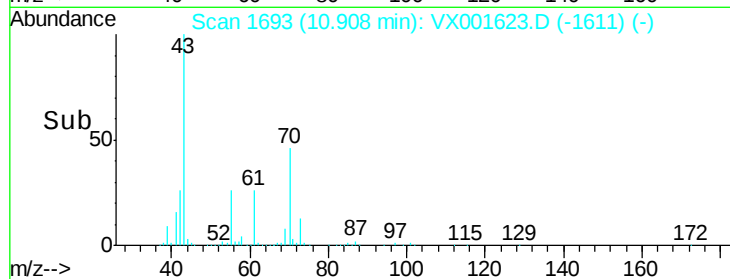
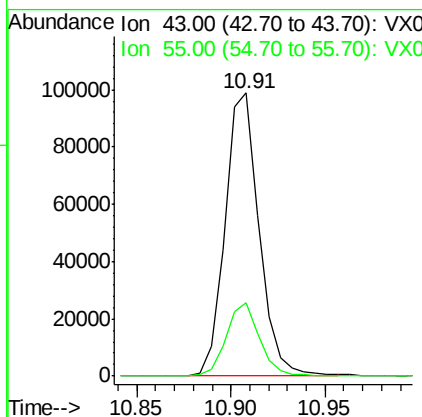
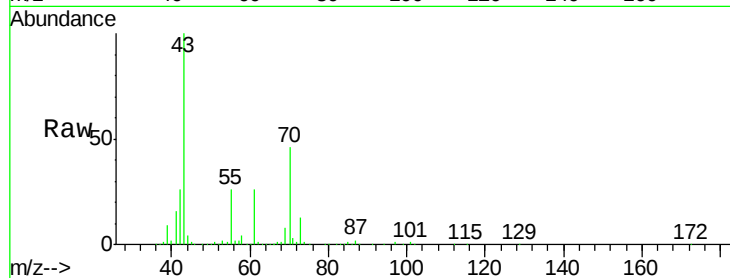
#47
n-amvl Acetate
Concen: 20.28 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	43	Resp	122835
Ion Ratio	100	Lower	Upper
43	100	20.8	31.2
55	25.9		

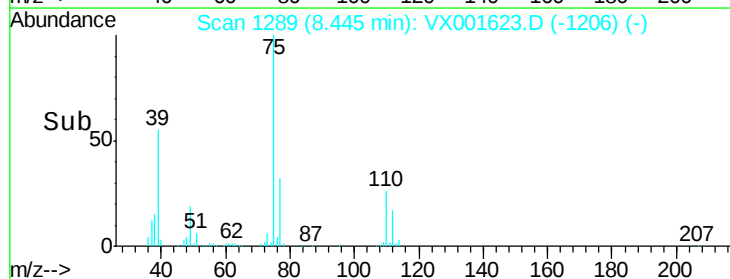
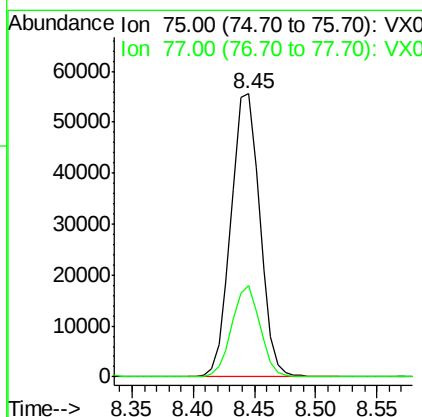
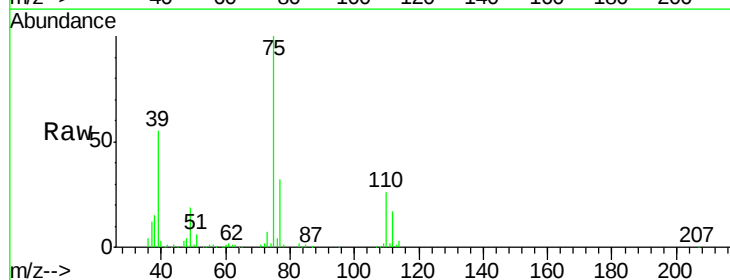
Manual Integrations
APPROVED

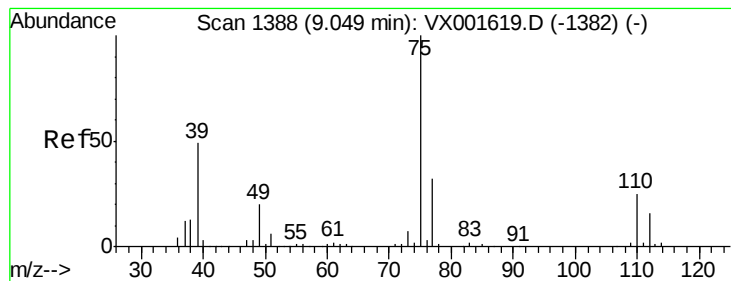
apatel
5/14/2018 3:57:43 PM



#48
t-1,3-Dichloropropene
Concen: 20.72 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	75	Resp	90977
Ion Ratio	100	Lower	Upper
75	100	25.5	38.3
77	32.1		





#49

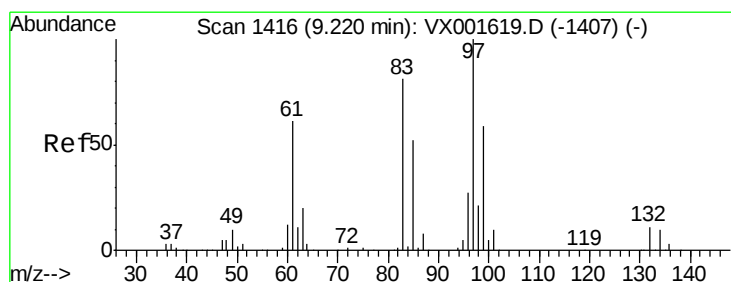
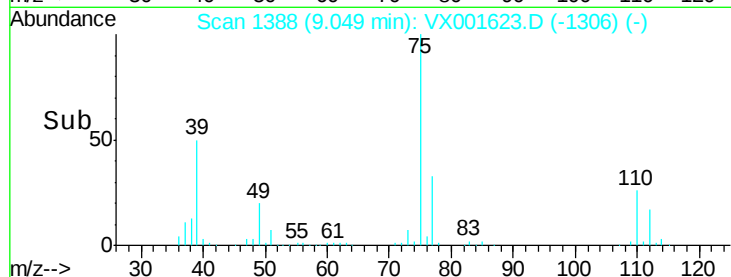
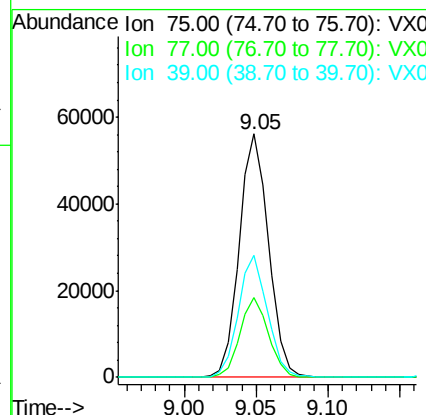
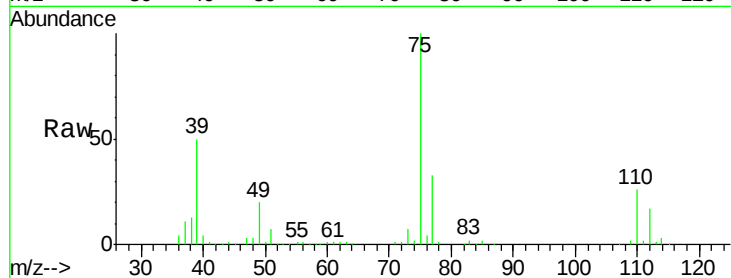
cis-1,3-Dichloropropene
Concen: 20.56 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.8	38.6
39	49.7	39.4	59.0

Manual Integrations
APPROVED

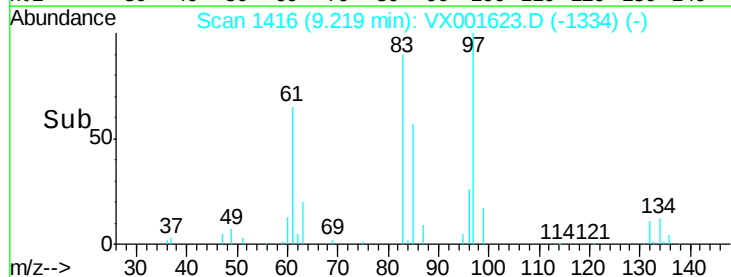
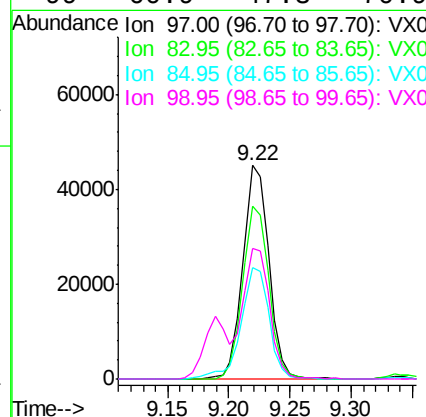
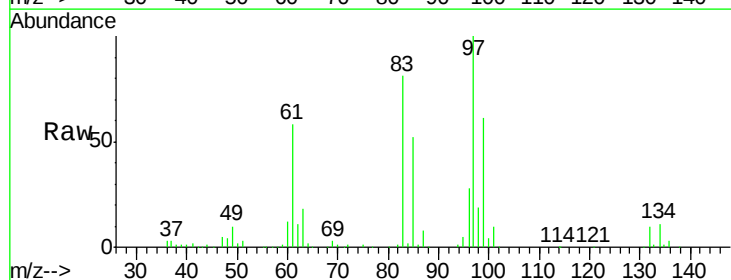
apatel
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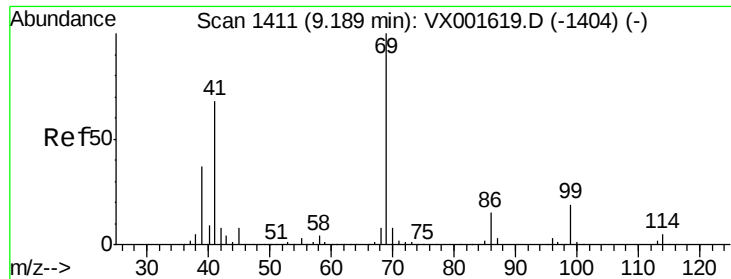


#50

1,1,2-Trichloroethane
Concen: 21.22 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.0	97.6
85	51.9	41.5	62.3
99	60.9	47.3	70.9





#51

Ethyl methacrylate

Concen: 21.09 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

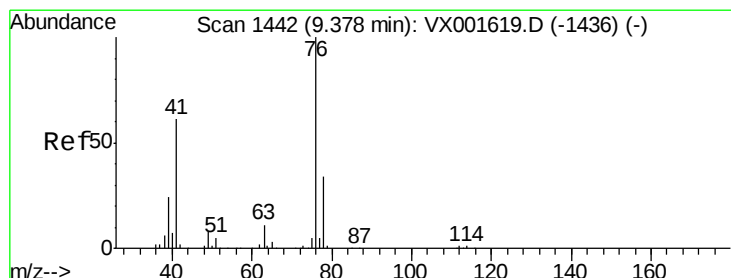
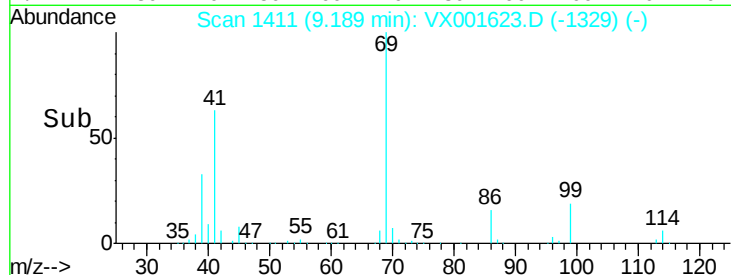
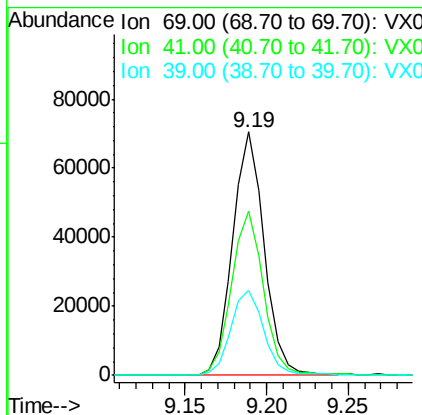
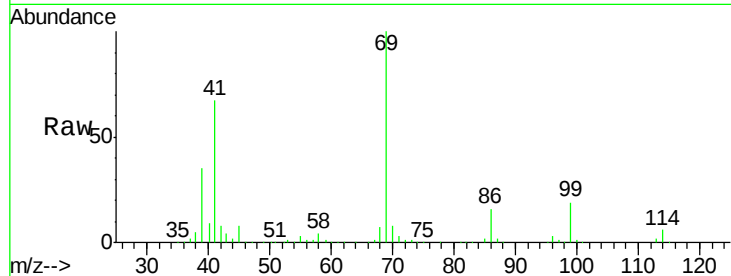
ClientSampleId :

ICVX051118

Tot Ion:	69	Resp:	95233
Ion	Ratio	Lower	Upper
69	100		
41	67.0	33.9	101.6
39	34.8	18.4	55.2

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:43 PM



#52

1,3-Dichloropropane

Concen: 21.29 ug/l

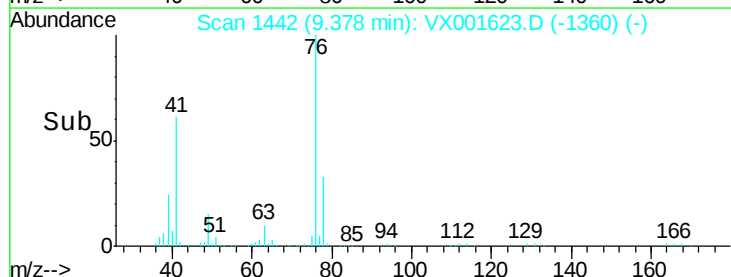
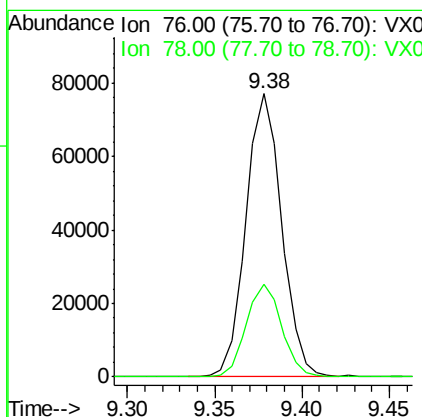
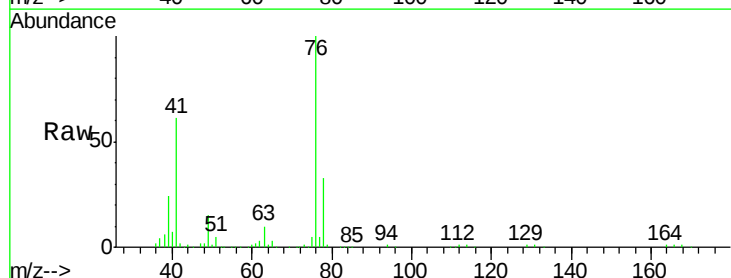
RT: 9.38 min Scan# 1442

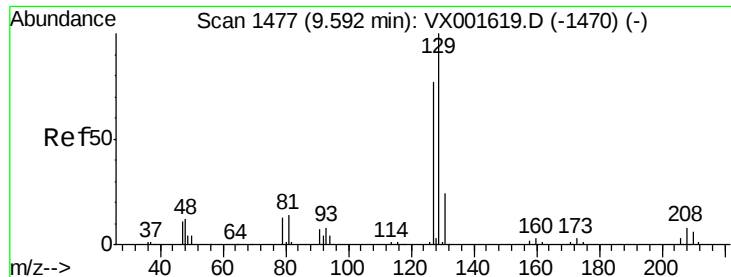
Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Tgt Ion:	76	Resp:	109861
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.8





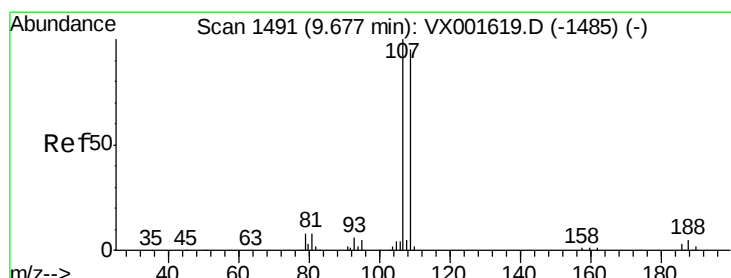
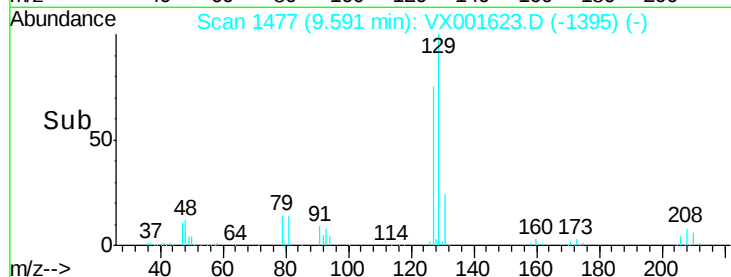
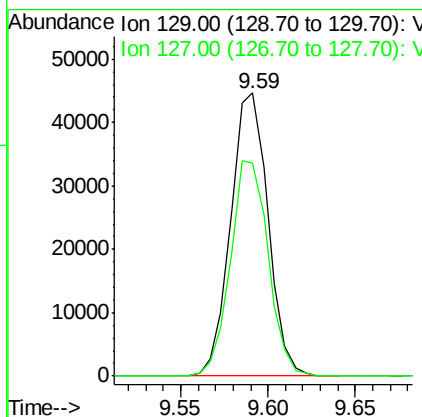
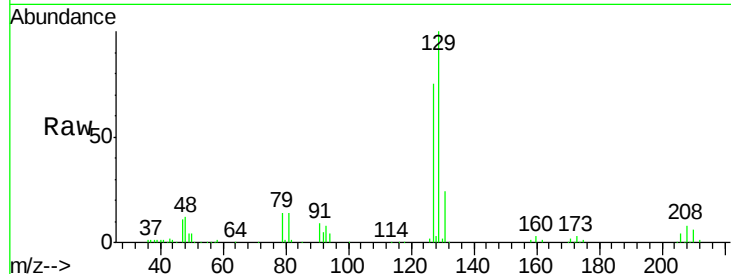
#53
Dibromochloromethane
Concen: 20.39 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion:129 Resp: 66302
Ion Ratio Lower Upper
129 100
127 77.2 37.9 113.7

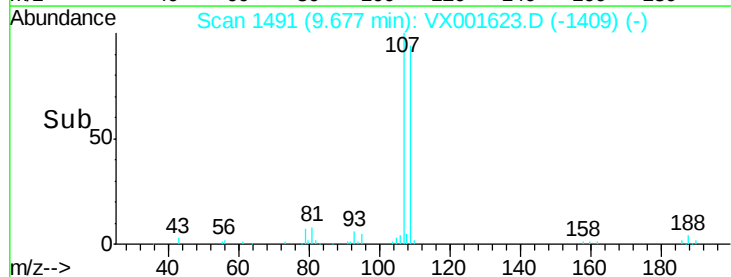
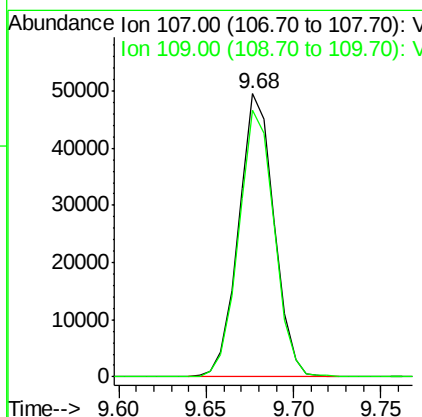
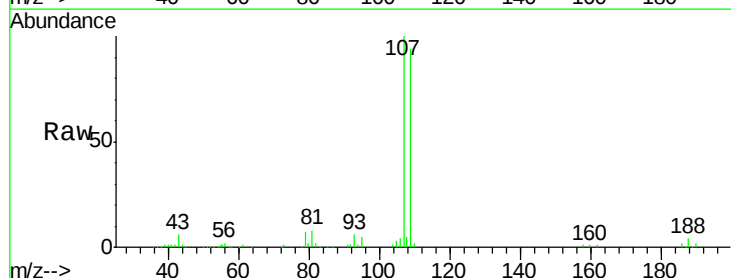
Manual Integrations
APPROVED

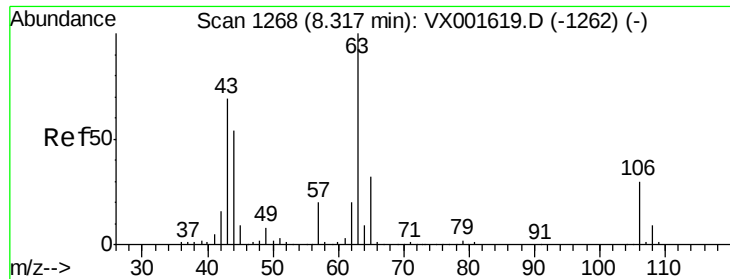
apatel
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#54
1,2-Dibromoethane
Concen: 21.07 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion:107 Resp: 69589
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6





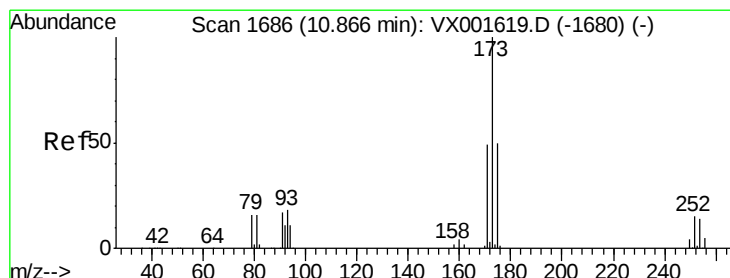
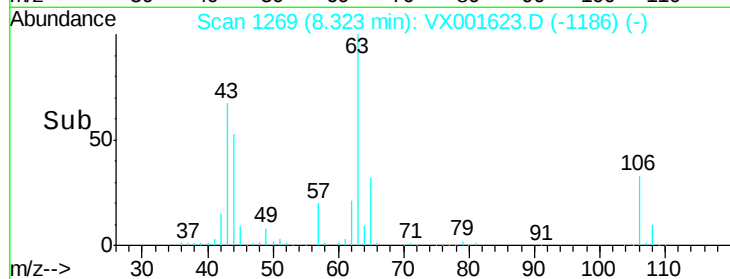
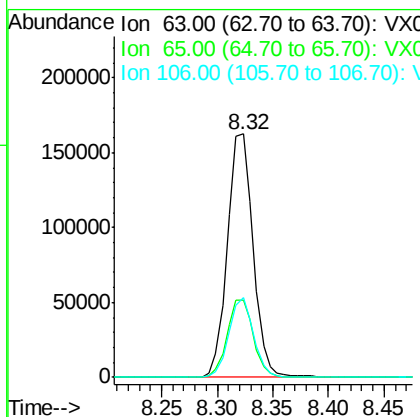
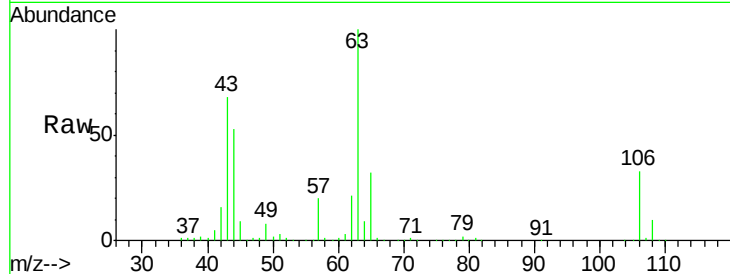
#55
2-Chloroethyl vinyl ether
Concen: 108.87 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.01 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.8
106	31.5	24.8	37.2

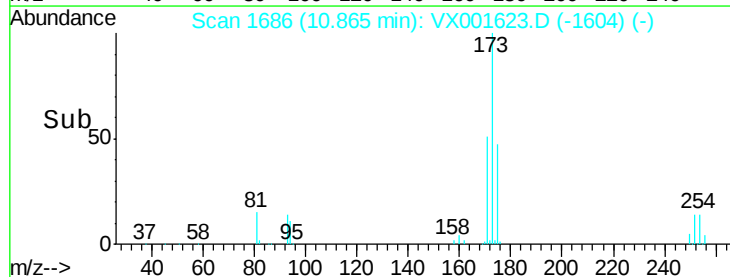
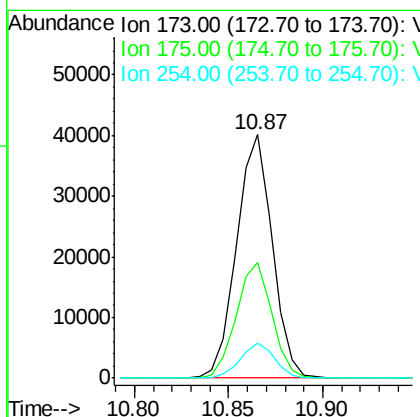
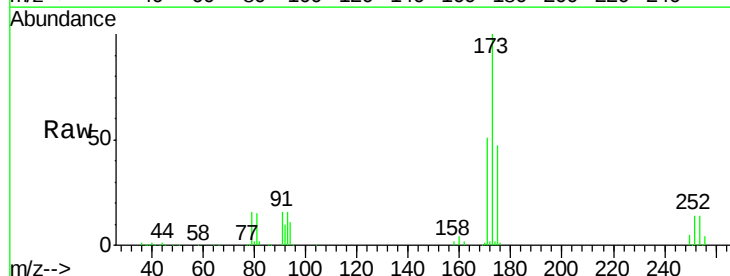
Manual Integrations
APPROVED

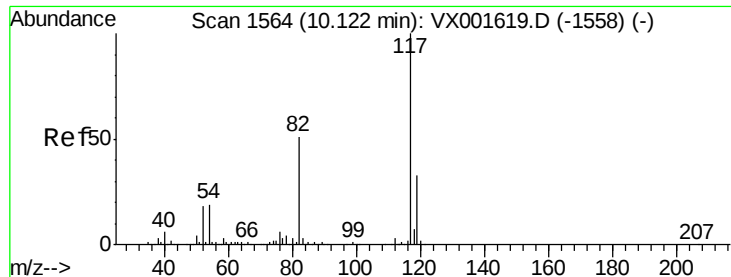
apatel
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#56
Bromoform
Concen: 19.81 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	39.8	59.8
254	13.9	10.7	16.1





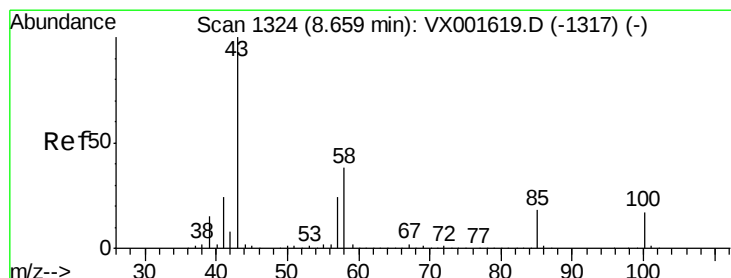
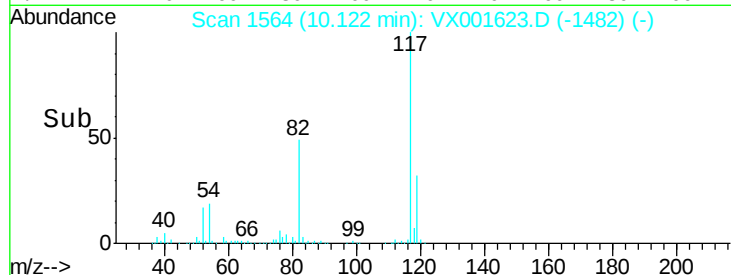
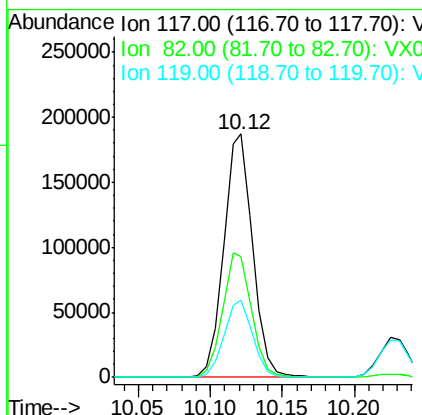
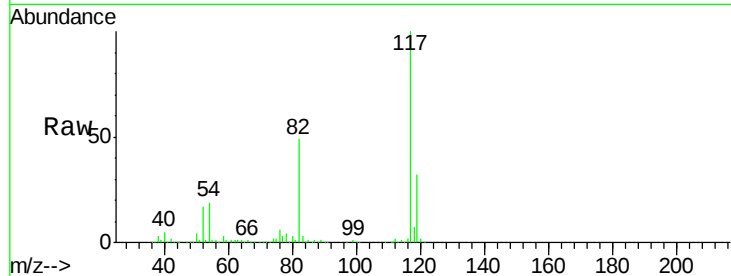
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVX051118

Tot Ion	Ratio	Resp	Lower	Upper
117	100	262816		
82	51.5	42.2	63.2	
119	31.7	26.3	39.5	

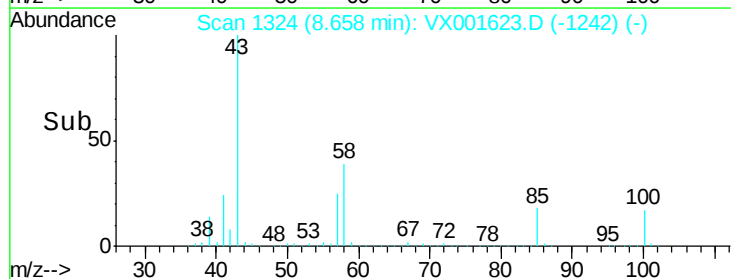
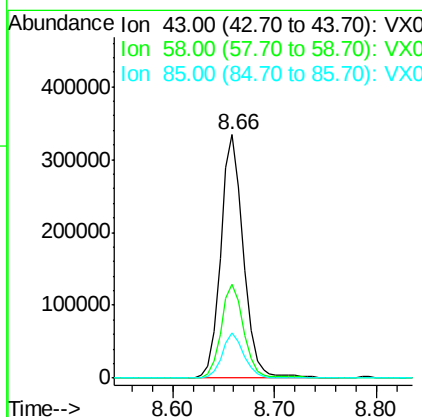
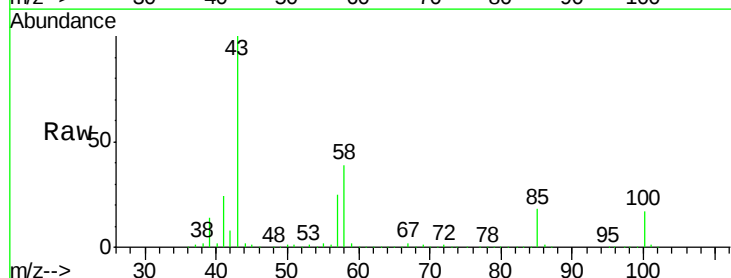
Manual Integrations
APPROVED

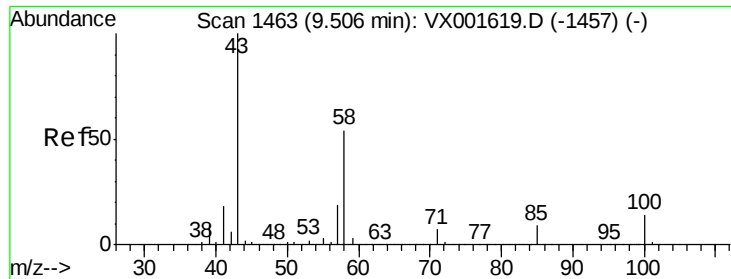
apatel
5/14/2018 3:57:43 PM



#58
4-Methyl-2-Pentanone
Concen: 109.15 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	516006		
58	38.5	30.4	45.6	
85	17.9	14.3	21.5	





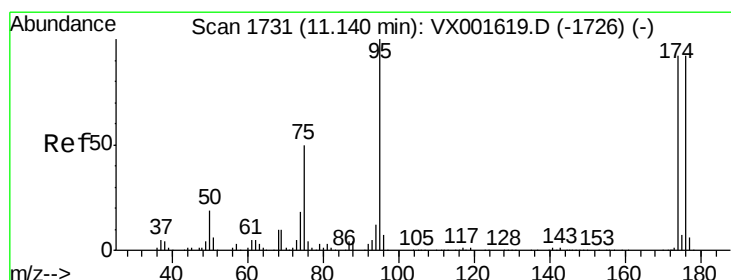
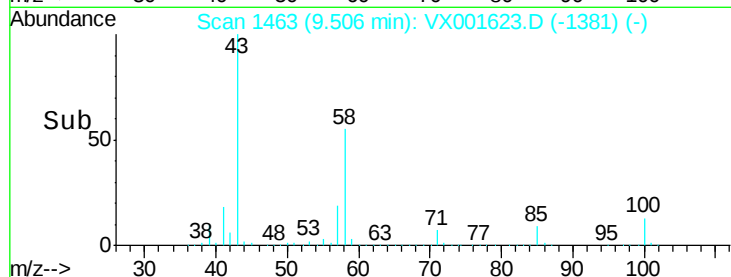
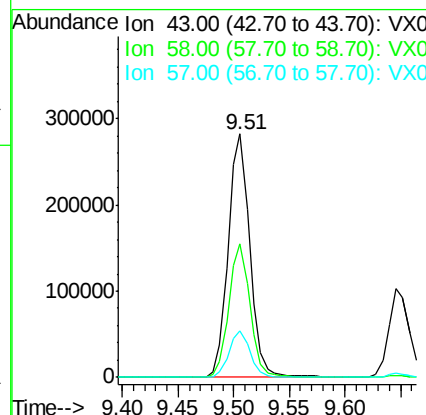
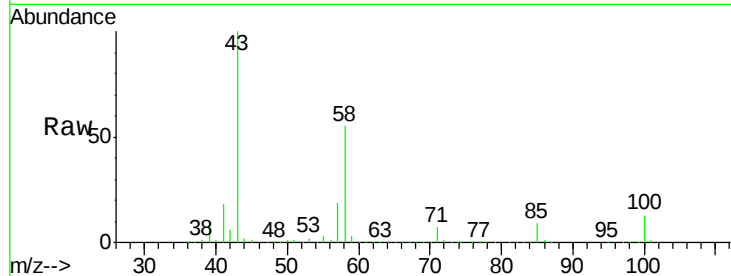
#59
2-Hexanone
Concen: 107.36 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	54.1	43.0	64.4	
57	19.0	15.4	23.0	

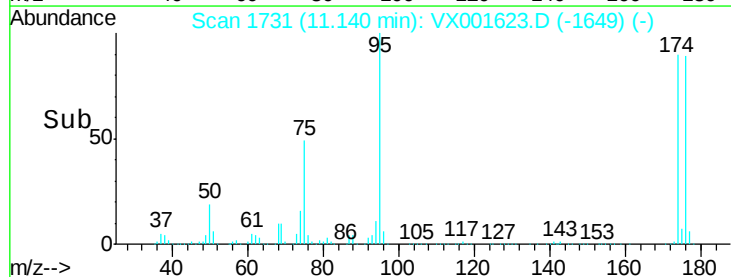
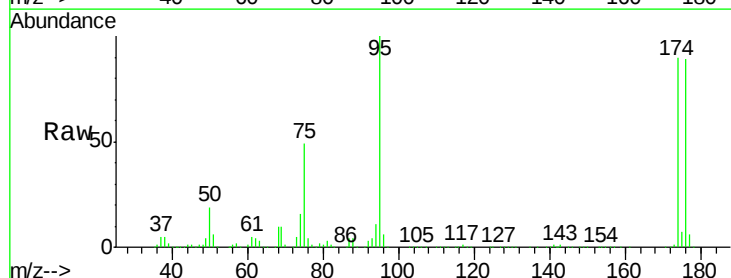
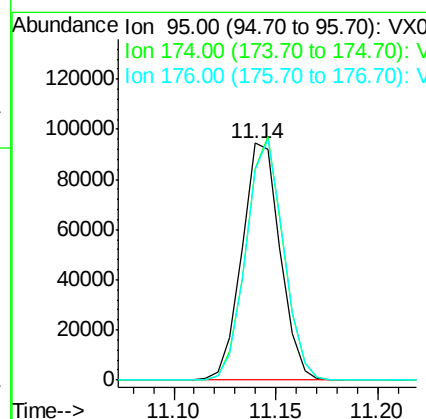
Manual Integrations
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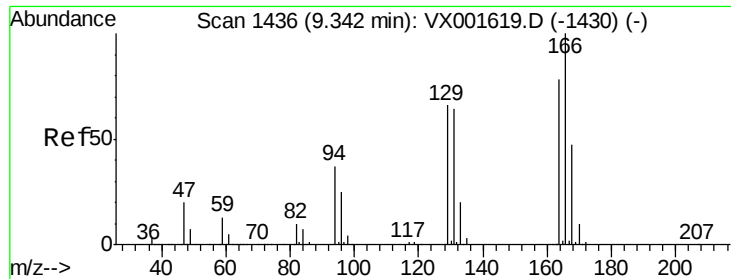
apatel
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#60
4-Bromofluorobenzene
Concen: 29.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
95	100			
174	99.7	80.2	120.2	
176	99.4	79.2	118.8	





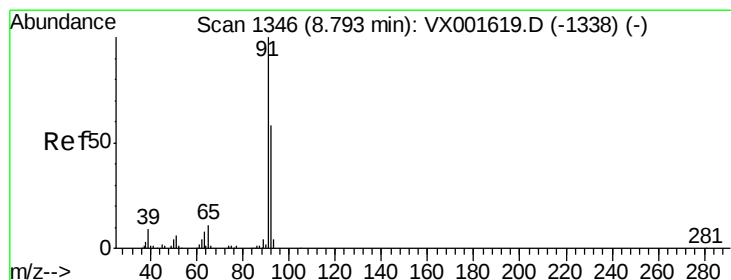
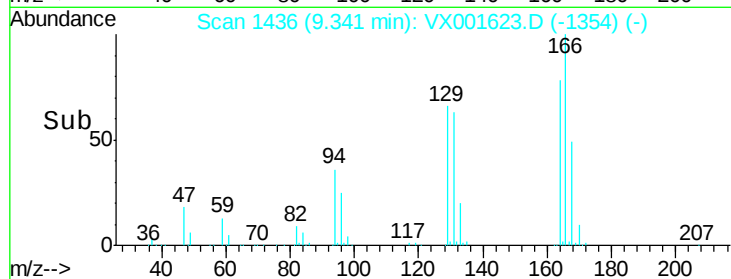
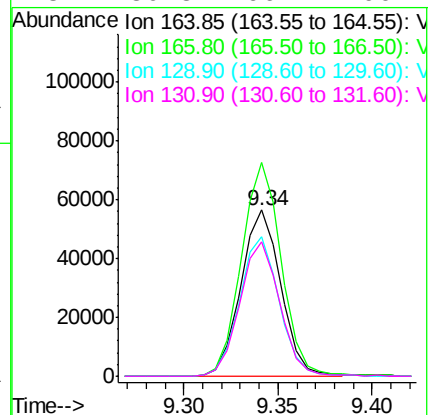
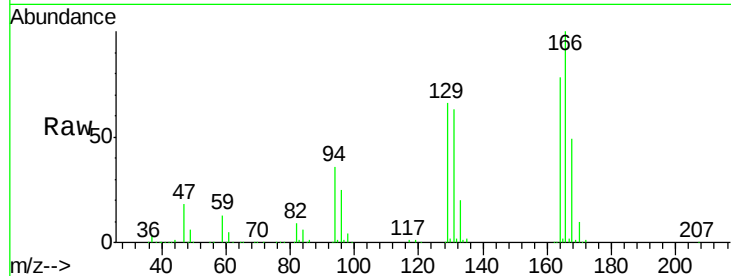
#61
Tetrachloroethene
Concen: 21.70 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.8	154.2
129	84.1	67.8	101.8
131	80.8	66.2	99.2

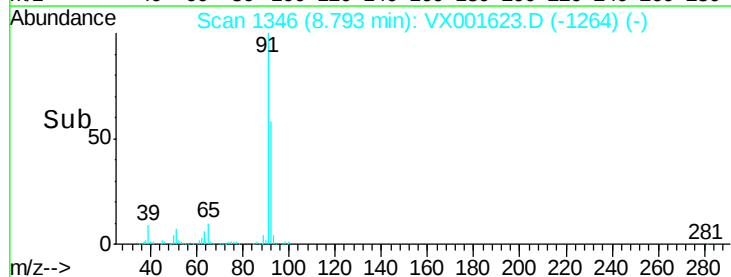
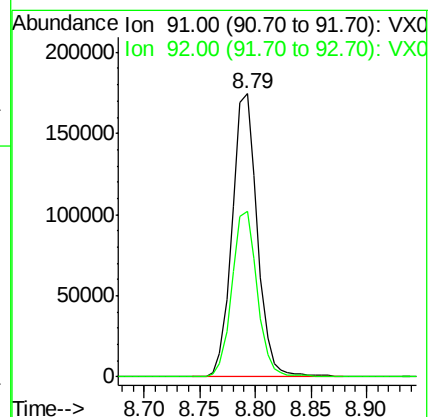
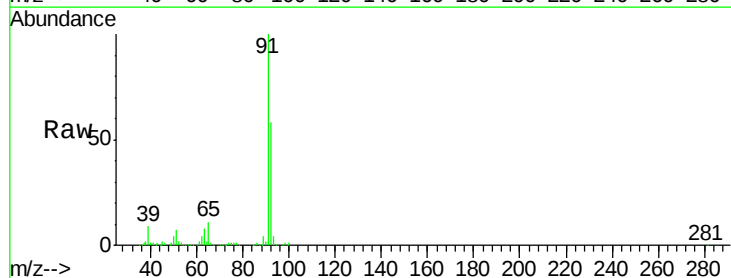
Manual Integrations
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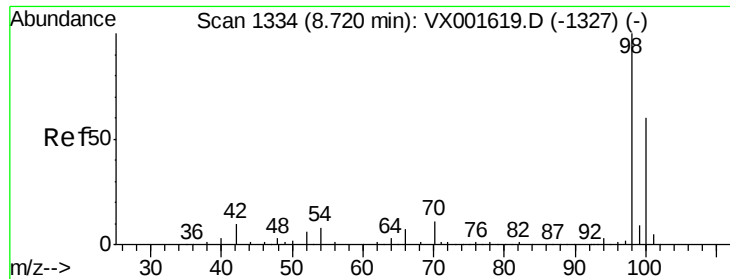
apatel
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#62
Toluene
Concen: 21.67 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	47.4	71.0





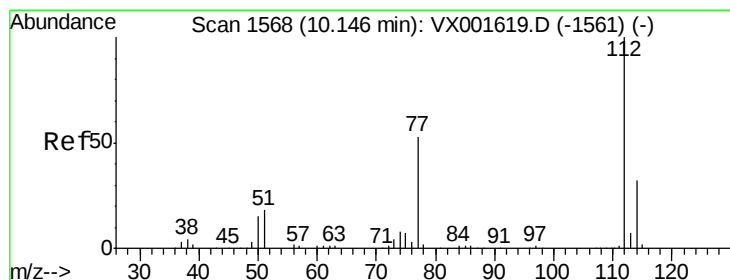
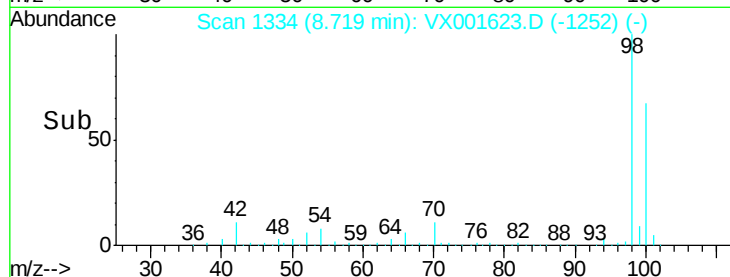
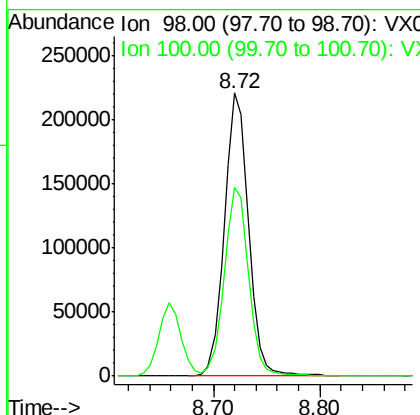
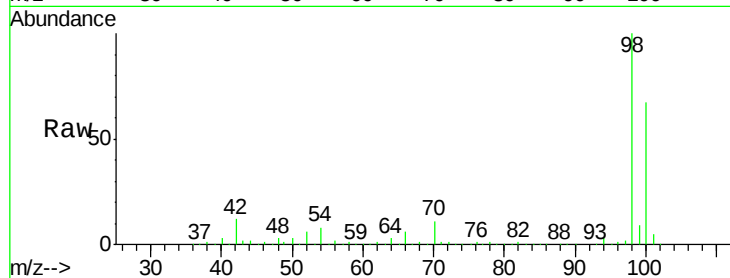
#63
Toluene-d8
Concen: 30.00 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion: 98 Resp: 351603
Ion Ratio Lower Upper
98 100
100 67.1 52.2 78.2

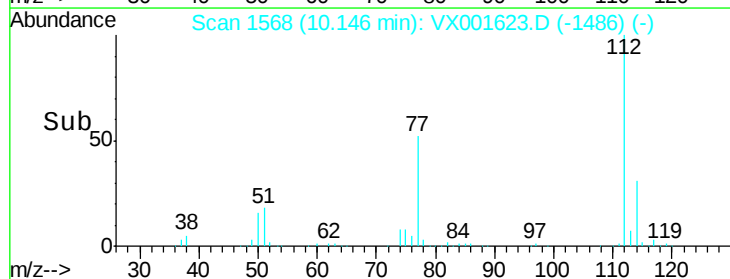
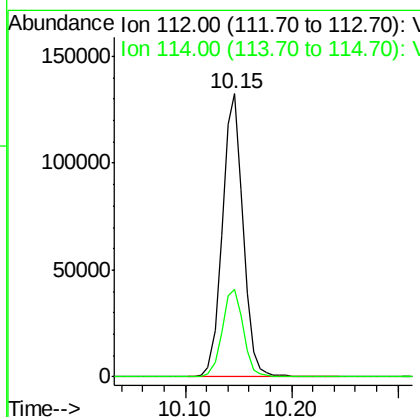
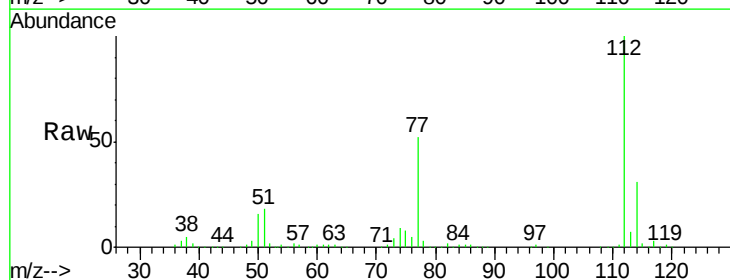
Manual Integrations
APPROVED

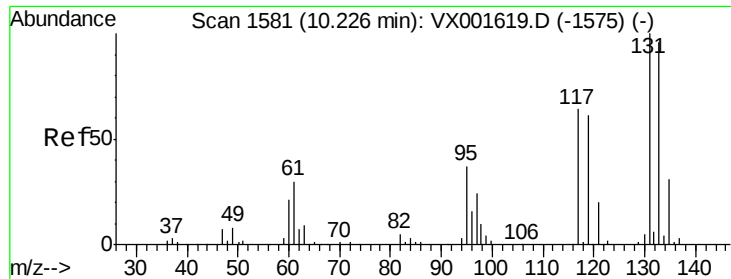
apatel
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#64
Chlorobenzene
Concen: 21.68 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion: 112 Resp: 180135
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9





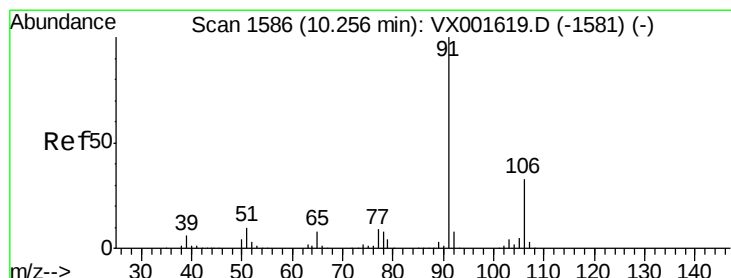
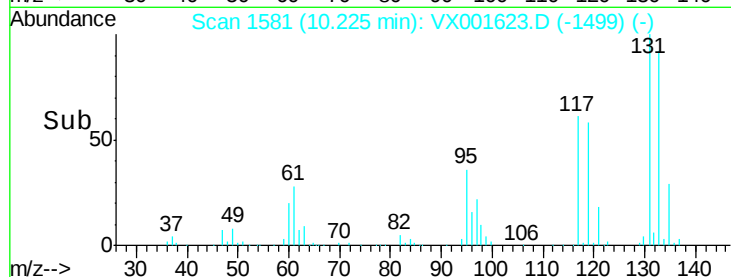
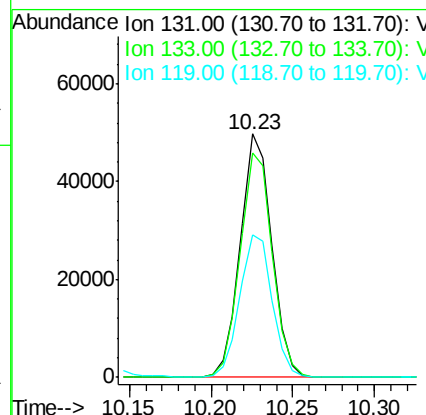
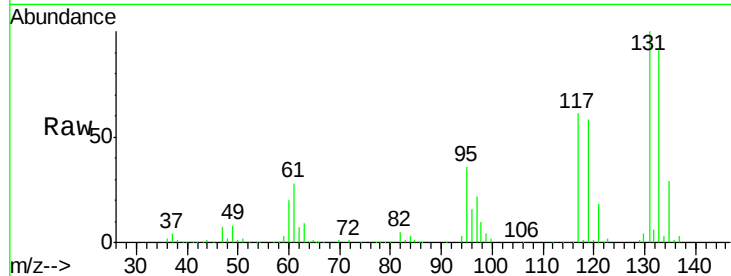
#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.32 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.5	0.0	191.4
119	60.6	0.0	124.2

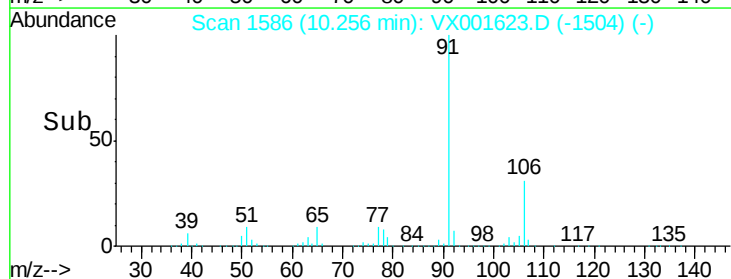
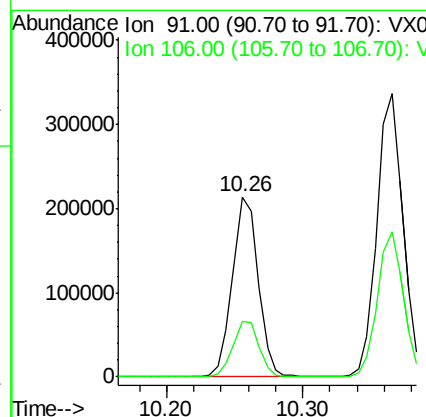
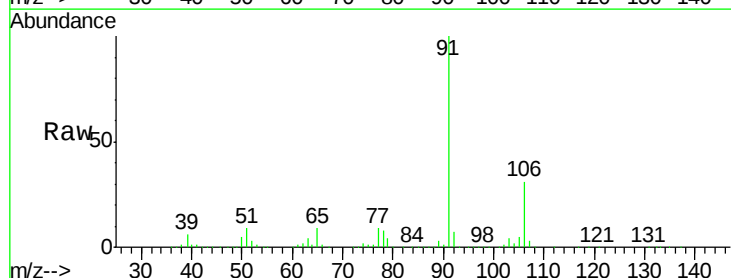
Manual Integrations
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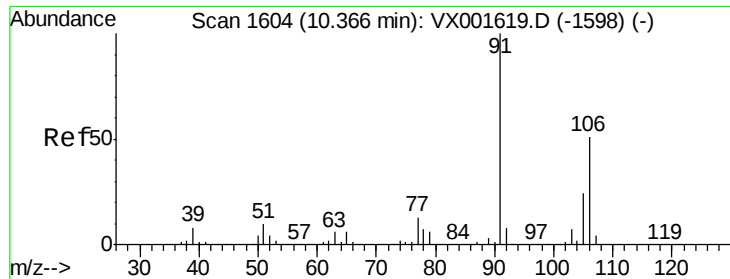
apatel
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#66
 Ethyl Benzene
 Concen: 21.72 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	26.2	39.4





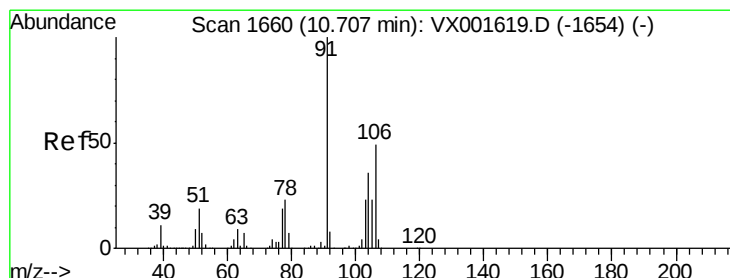
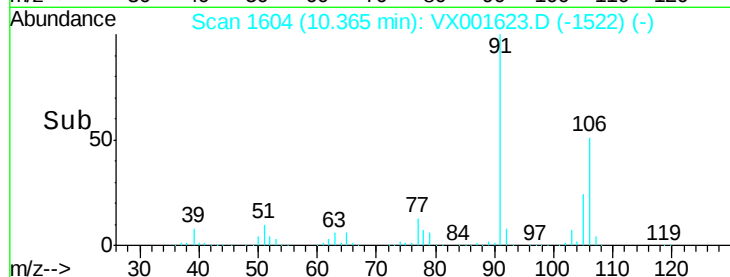
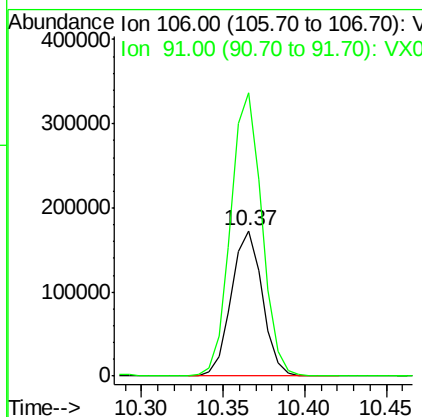
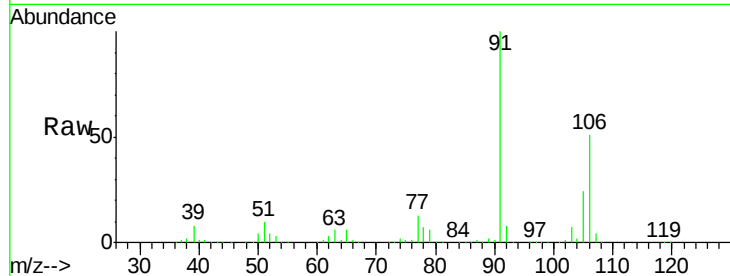
#67
m/p-Xylenes
Concen: 43.60 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	196.2	157.8	236.8	

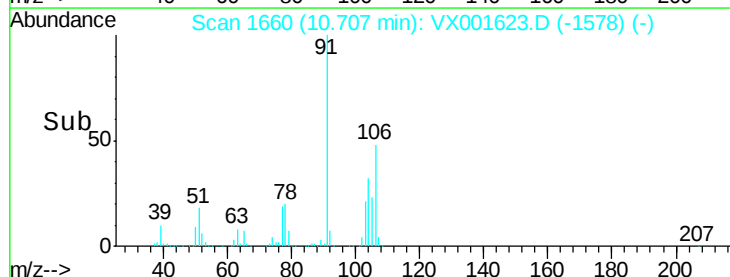
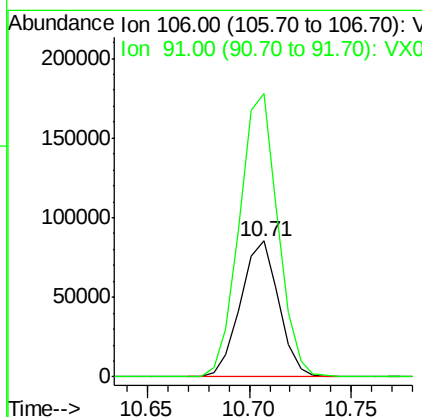
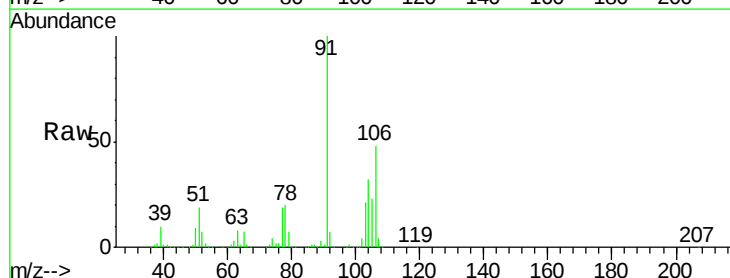
Manual Integrations
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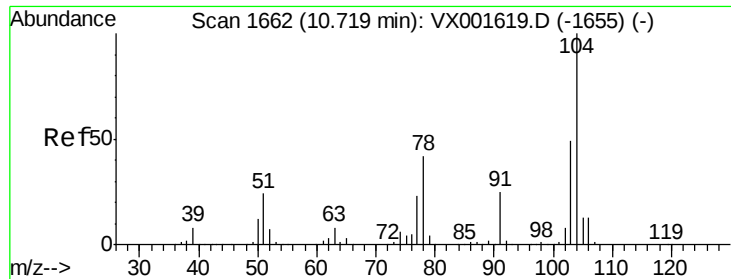
apatel
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#68
o-Xylene
Concen: 21.44 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.0	104.3	312.8	





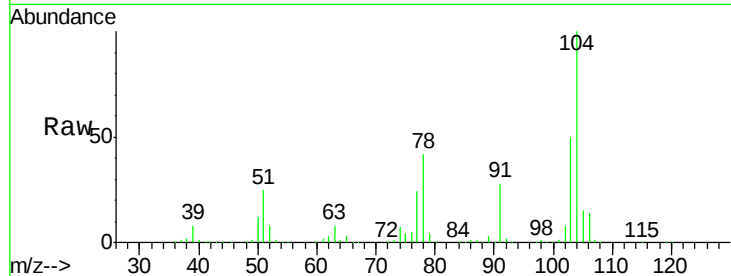
#69
Stvrene
Concen: 21.38 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	39.3	58.9
103	54.7	43.7	65.5

Manual Integrations
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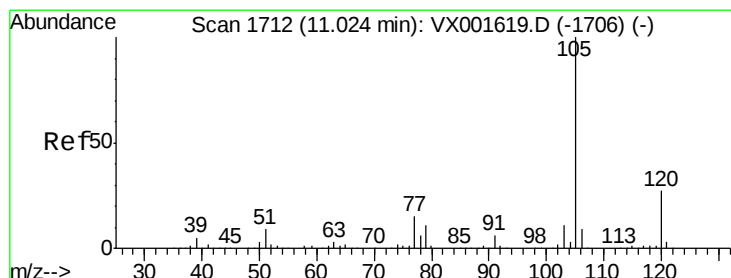
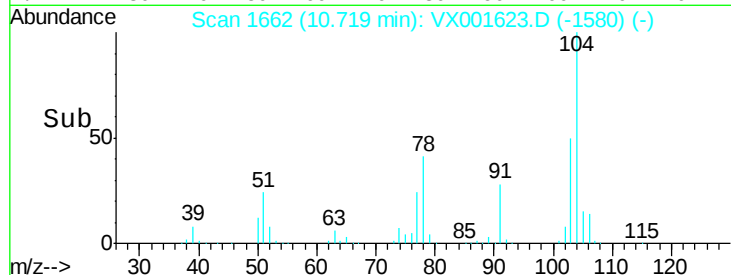
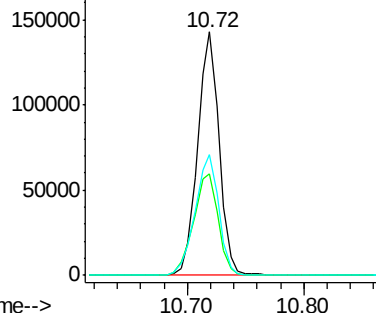


Abundance

Ion 104.00 (103.70 to 104.70): V

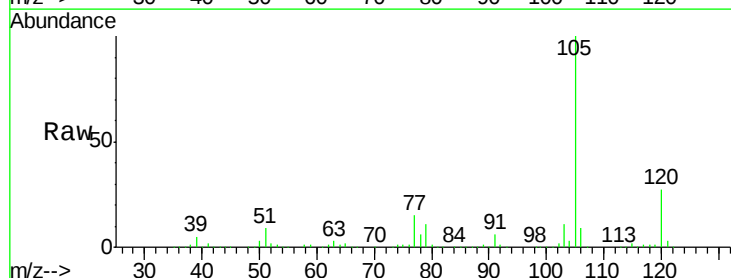
Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70
Isopropylbenzene
Concen: 21.92 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

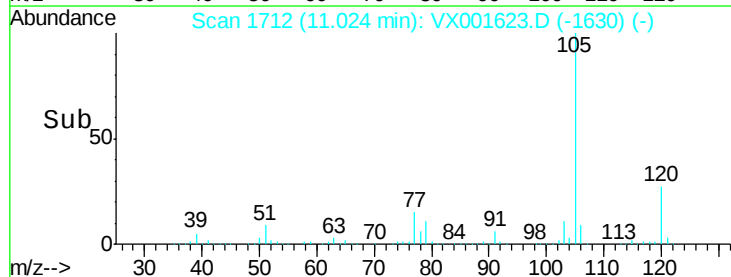
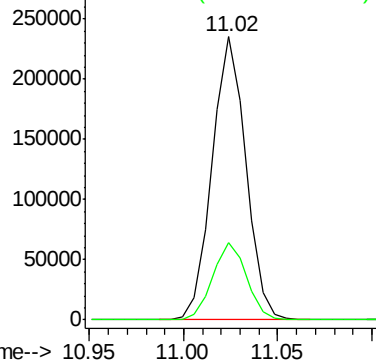
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	19.1	35.5

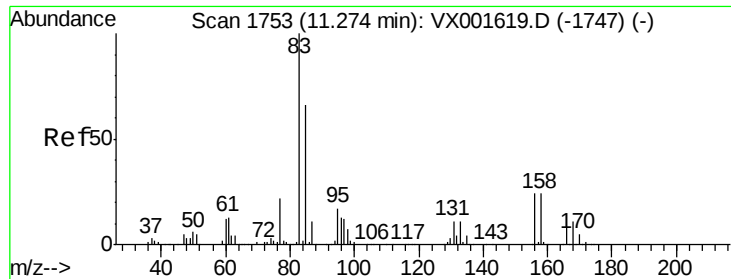


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





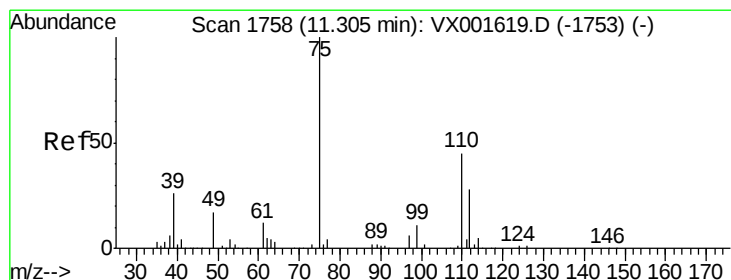
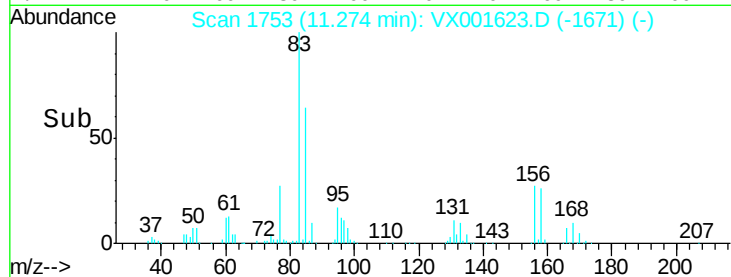
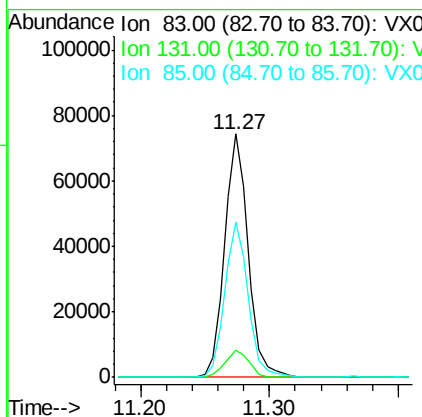
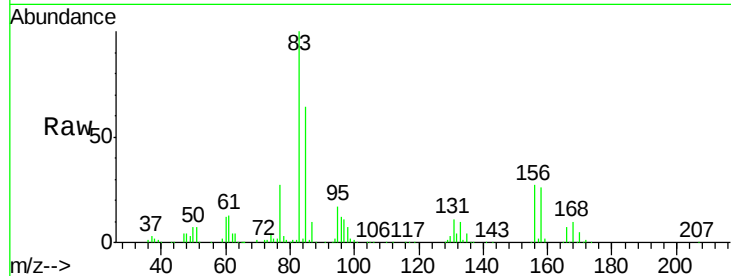
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.42 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Tot Ion	83	Resp	95918
Ion Ratio	100	Lower	Upper
83	100		
131	11.4	5.8	17.4
85	63.8	32.4	97.2

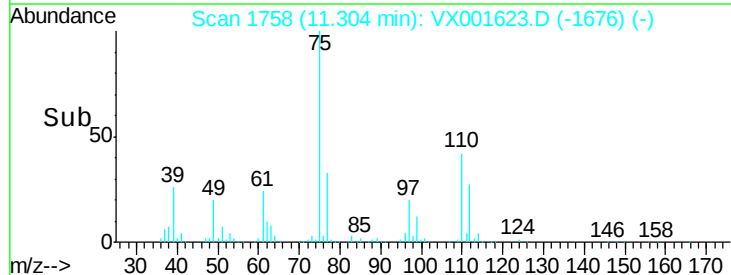
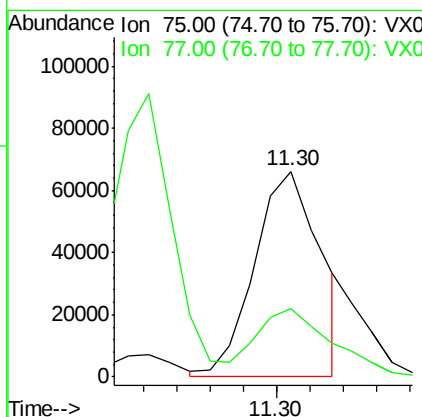
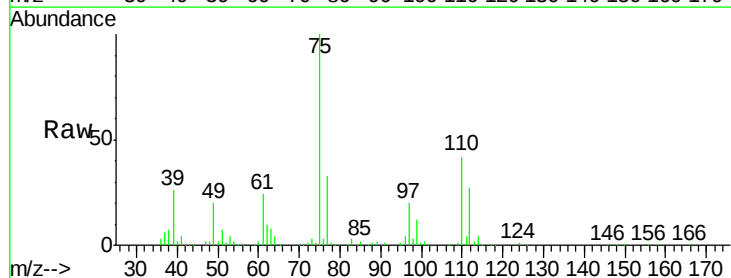
Manual Integrations
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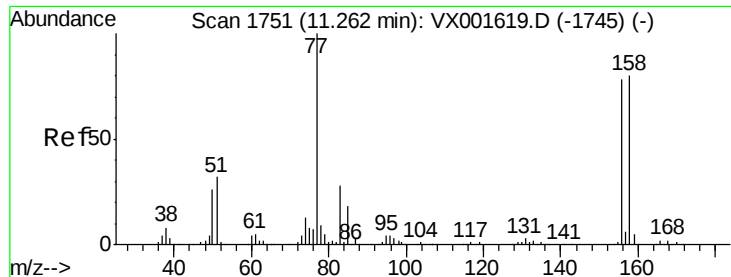
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#72
 1,2,3-Trichloropropane
 Concen: 20.83 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion	75	Resp	90382
Ion Ratio	100	Lower	Upper
75	100		
77	37.8	0.0	73.2





#73

Bromobenzene

Concen: 21.15 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051118

Tot Ion:156 Resp: 85595

Ion Ratio Lower Upper

156 100

77 135.5 0.0 266.4

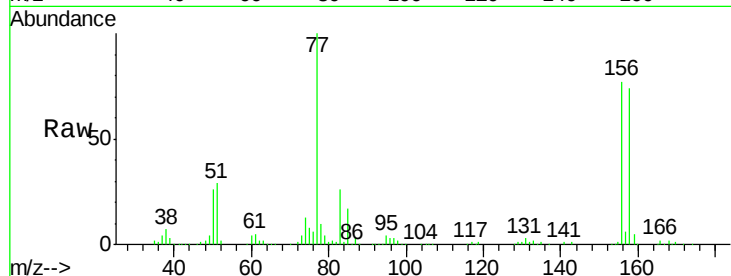
158 97.4 0.0 194.4

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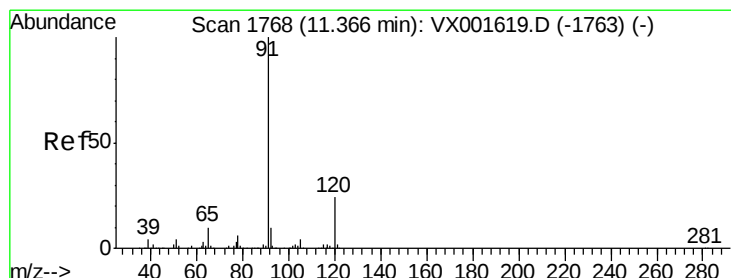
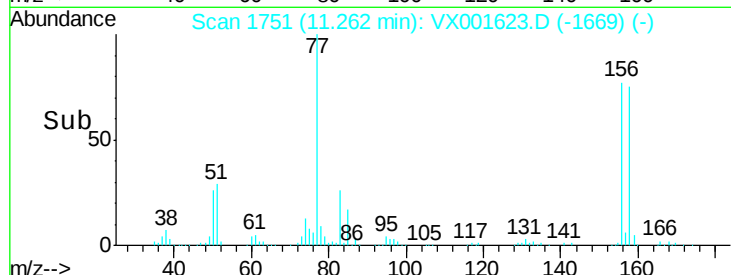
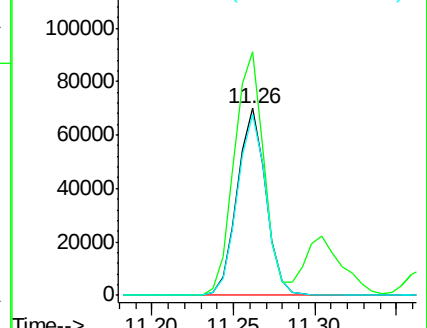
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.79 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001623.D

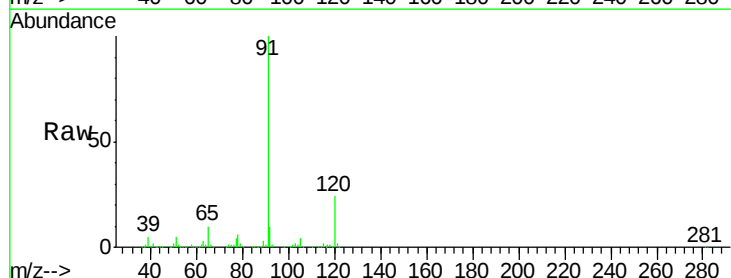
Acq: 11 May 2018 01:15

Tgt Ion: 91 Resp: 320251

Ion Ratio Lower Upper

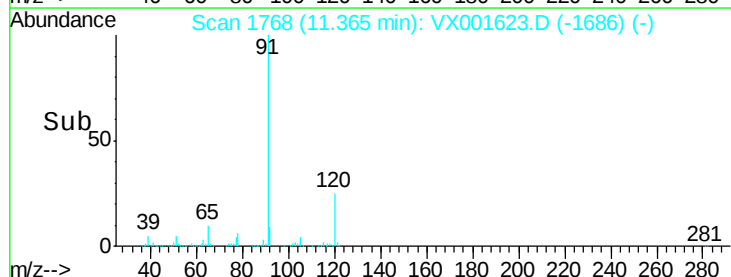
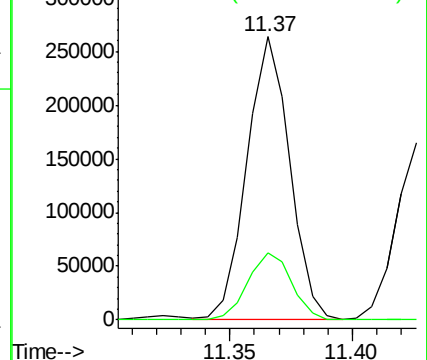
91 100

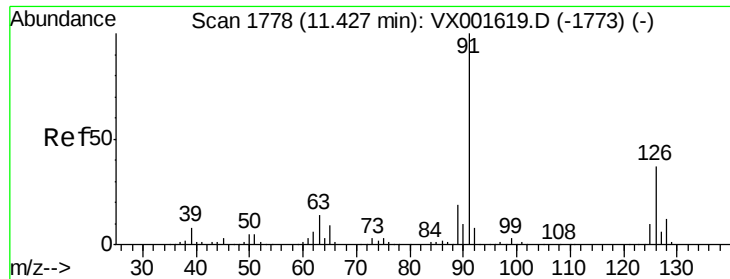
120 24.3 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.59 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051118

Tot Ion: 91 Resp: 199014

Ion Ratio Lower Upper

91 100

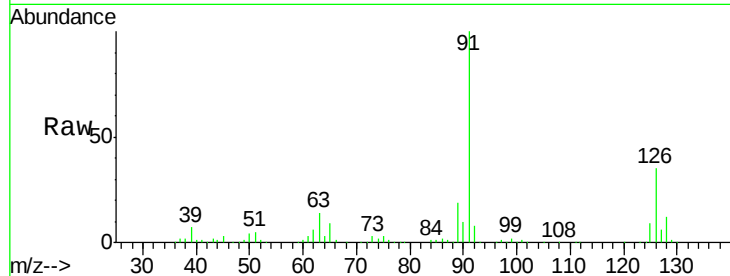
126 36.2 0.0 72.0

Manual Integrations

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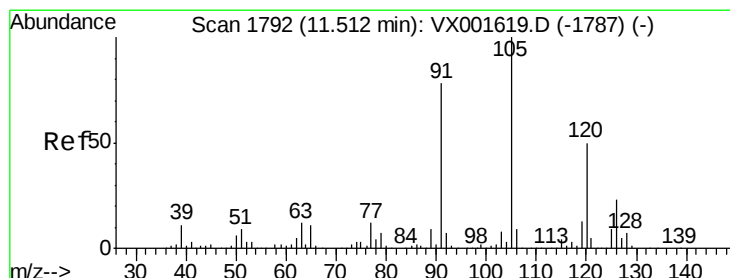
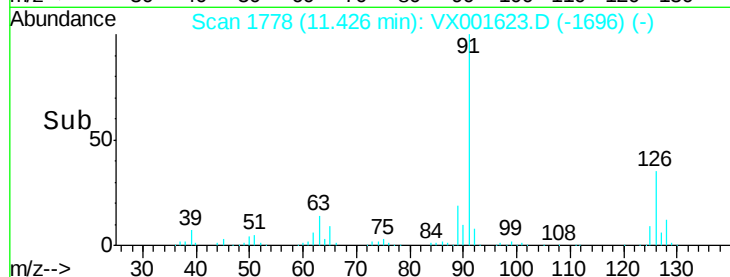
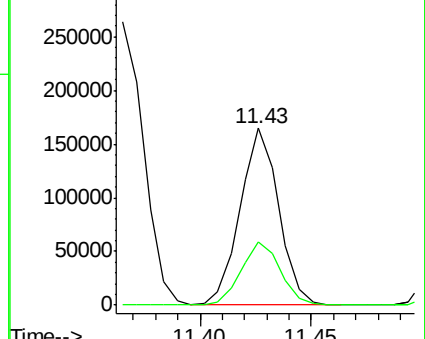
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX001619.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001619.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 21.93 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001623.D

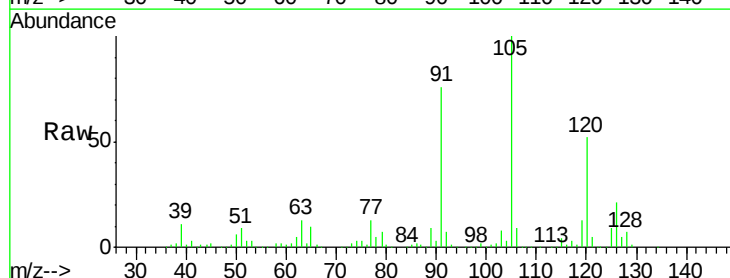
Acq: 11 May 2018 01:15

Tgt Ion: 105 Resp: 246454

Ion Ratio Lower Upper

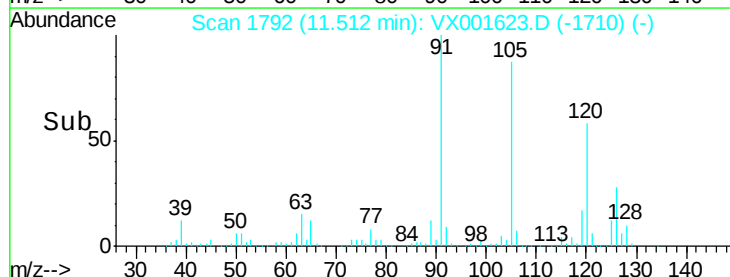
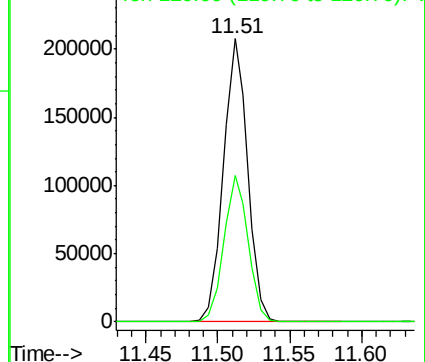
105 100

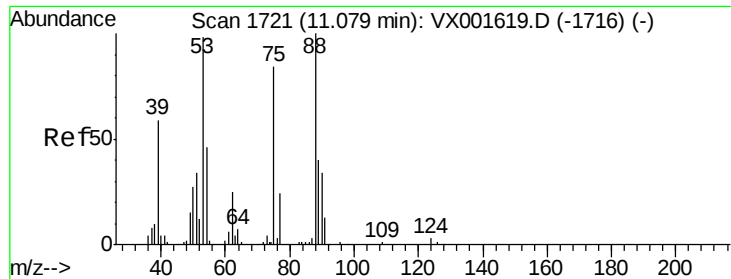
120 51.5 0.0 101.8



Abundance Ion 105.00 (104.70 to 105.70): VX001619.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VX001619.D (-1787) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.96 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001623.D

Acq: 11 May 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051118

Tot Ion: 75 Resp: 21156

Ion Ratio Lower Upper

75 100

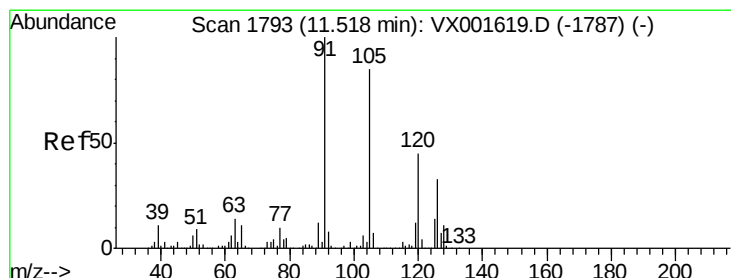
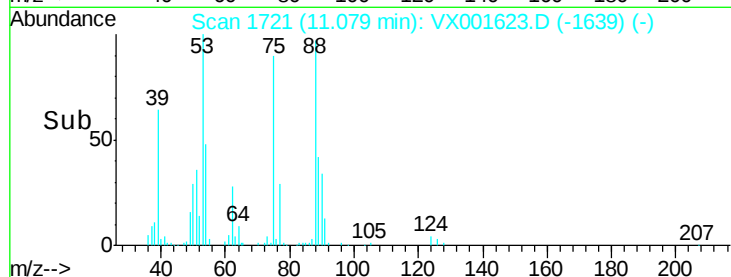
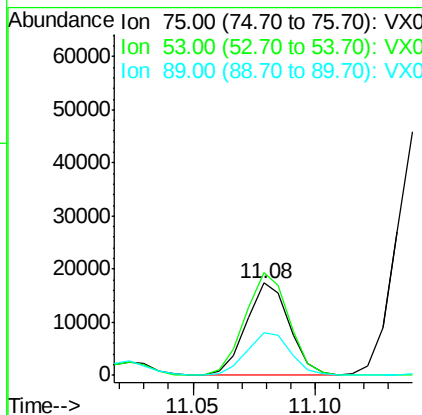
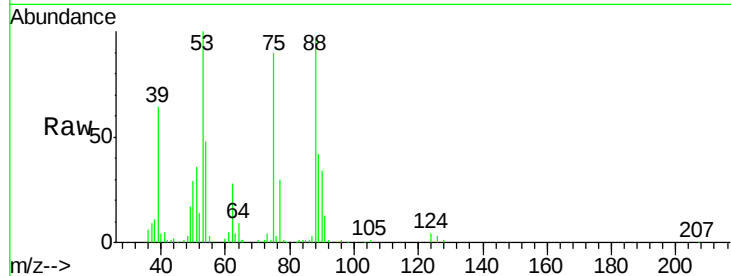
53 111.7 58.3 174.8

89 46.0 23.9 71.8

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#78

4-Chlorotoluene

Concen: 21.74 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001623.D

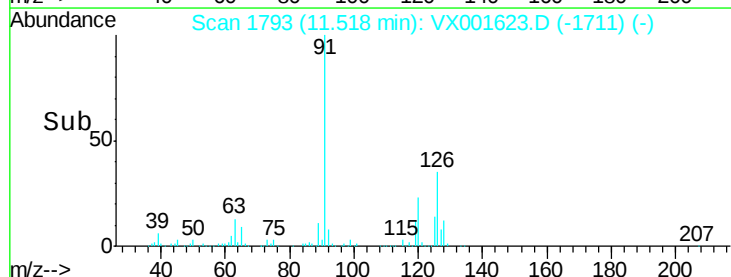
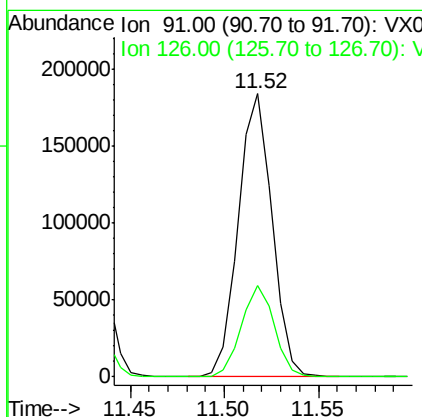
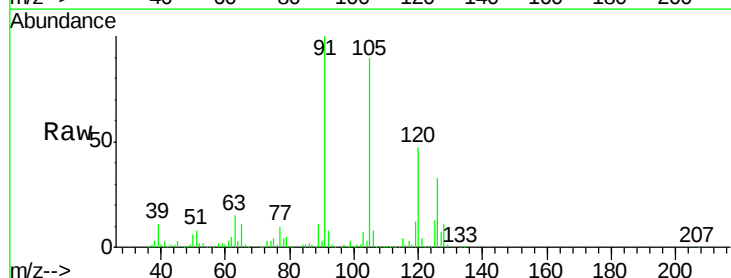
Acq: 11 May 2018 01:15

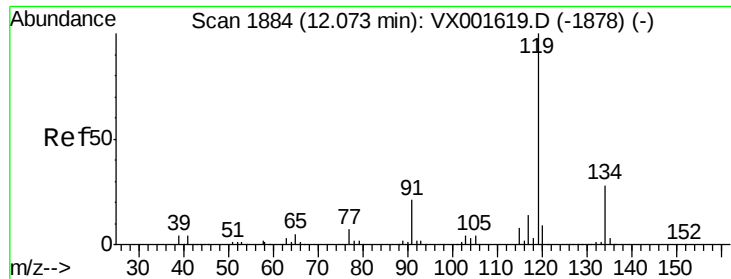
Tgt Ion: 91 Resp: 227887

Ion Ratio Lower Upper

91 100

126 31.7 0.0 64.8





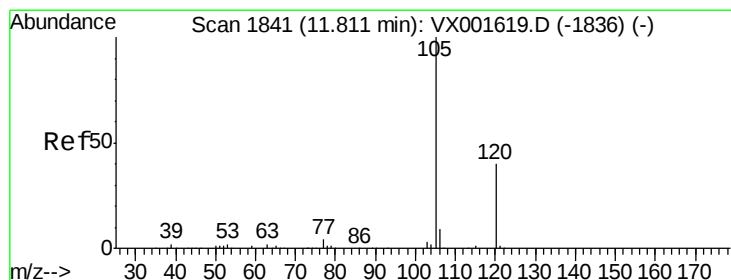
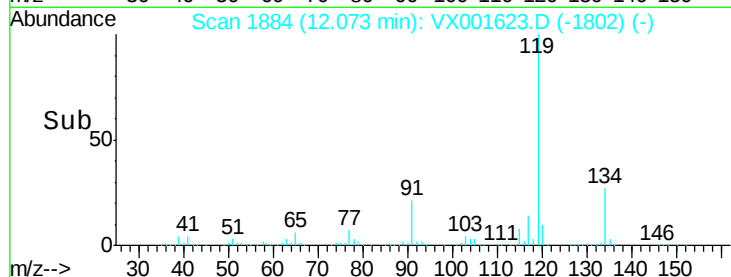
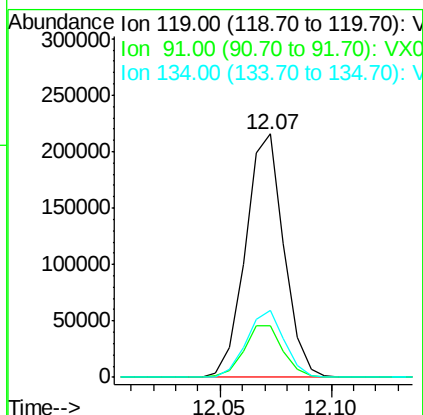
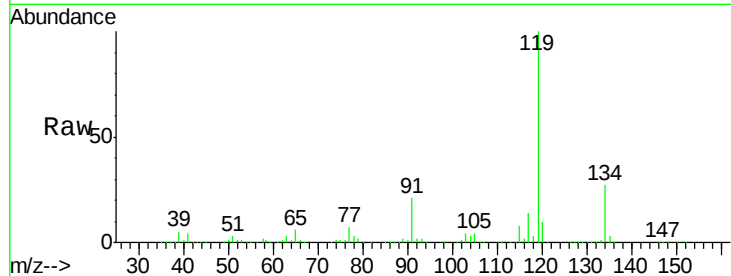
#79
tert-butylbenzene
Concen: 21.79 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Resp	Lower	Upper
119	100	259115		
91	21.7	0.0	44.0	
134	27.0	0.0	53.8	

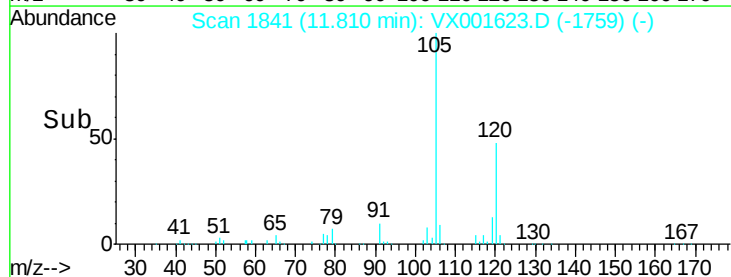
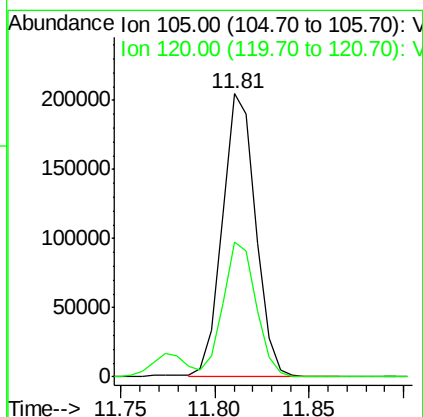
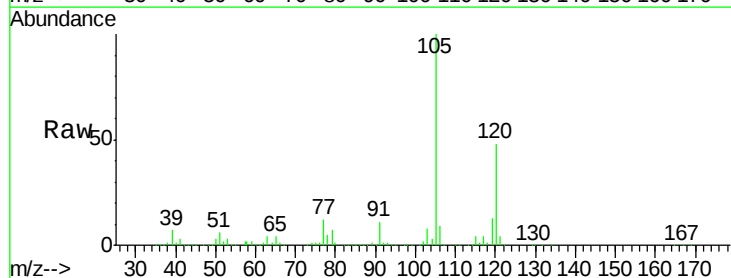
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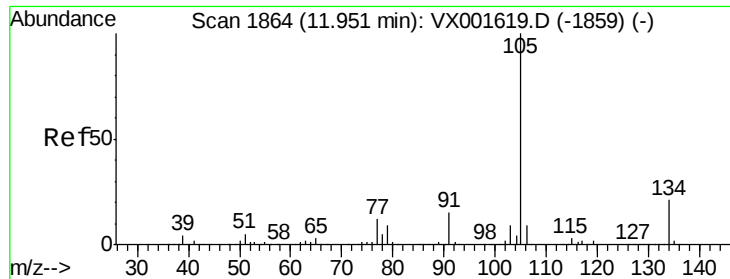
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 21.83 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250410		
120	47.2	0.0	94.0	





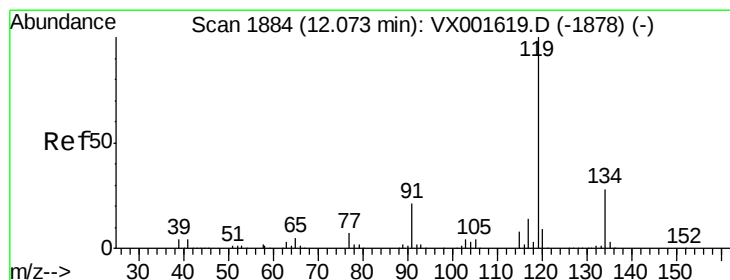
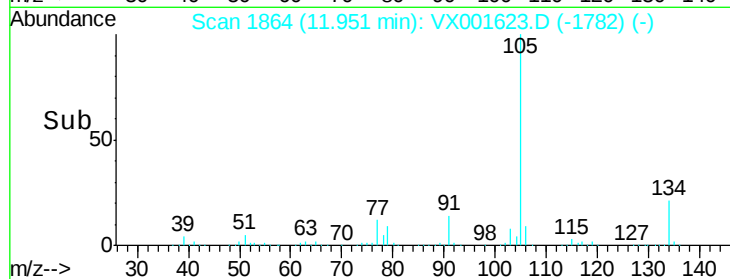
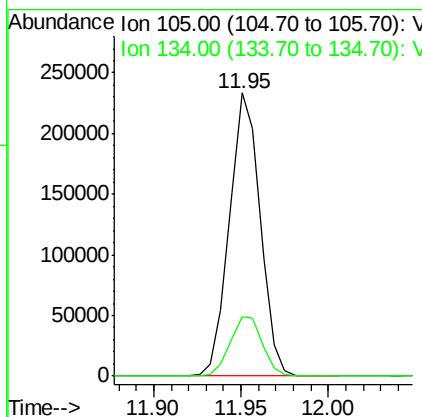
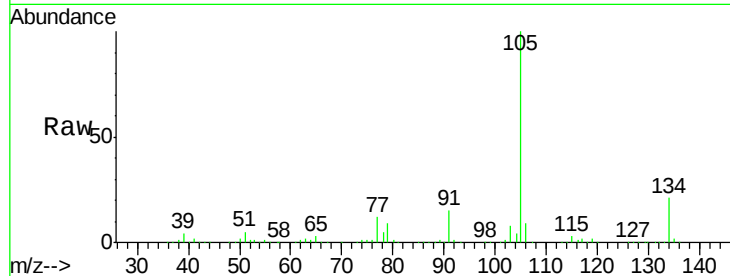
#81
 sec-Butylbenzene
 Concen: 22.00 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX051118

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.0	0.0	43.4

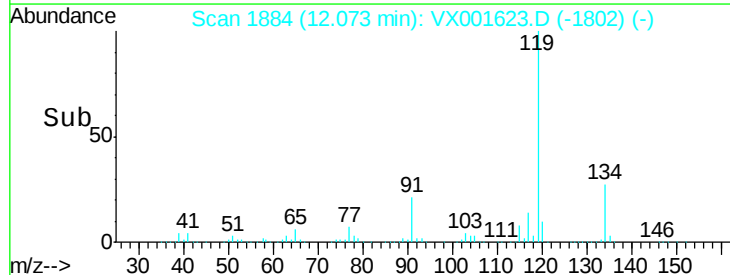
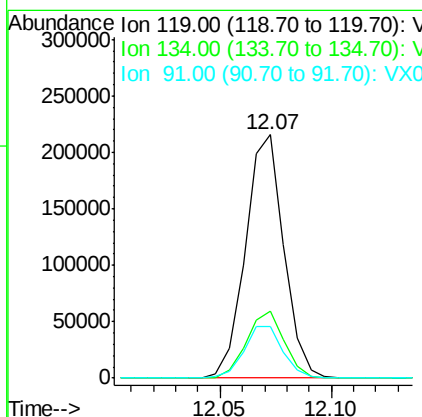
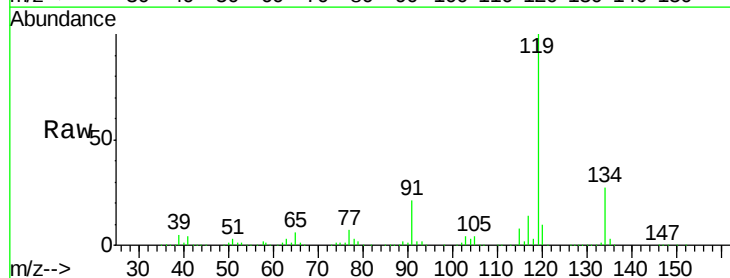
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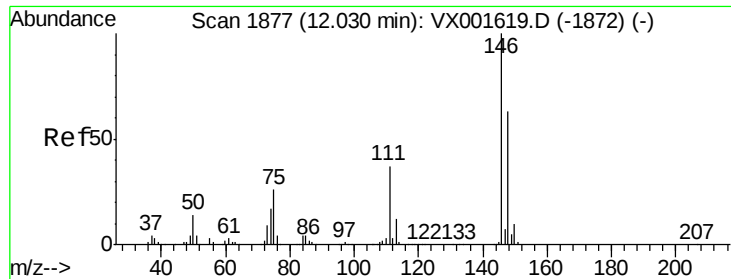
apatel
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#82
 p-Isopropyltoluene
 Concen: 21.79 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	53.8
91	21.7	0.0	44.0





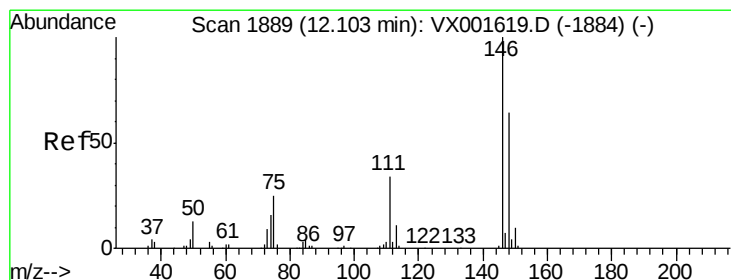
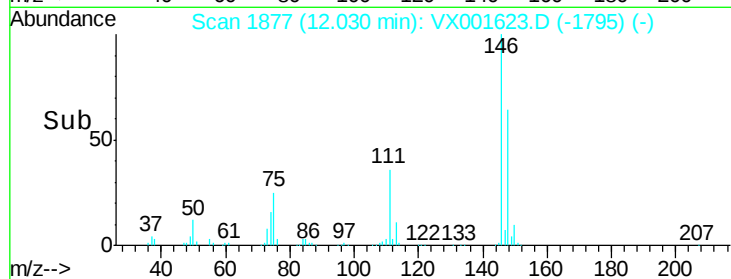
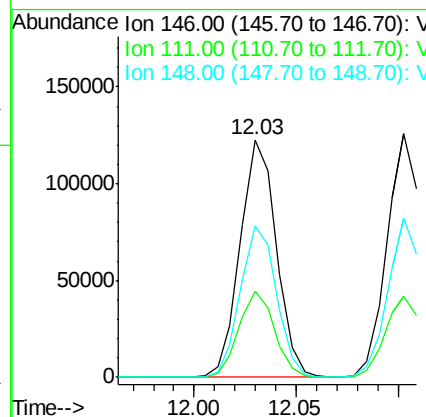
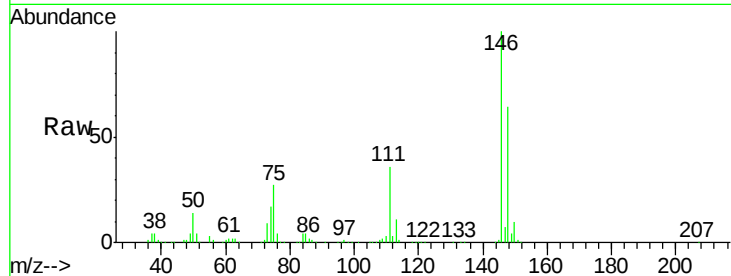
#83
 1,3-Dichlorobenzene
 Concen: 21.39 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	64.2	32.2	96.6

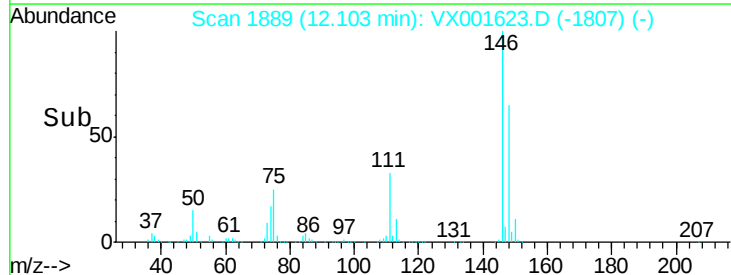
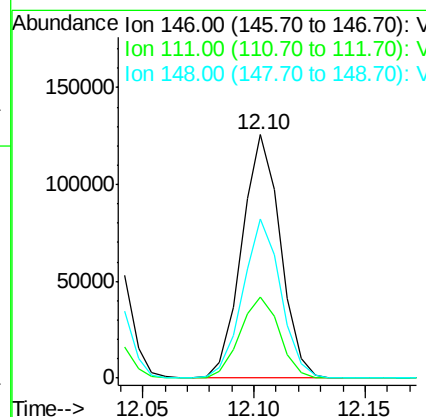
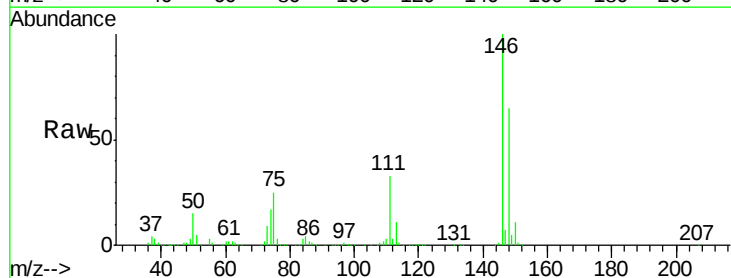
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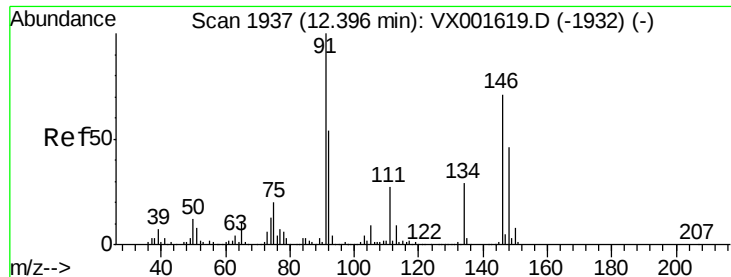
apatel
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#84
 1,4-Dichlorobenzene
 Concen: 21.44 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.1	17.4	52.3
148	64.3	32.5	97.4





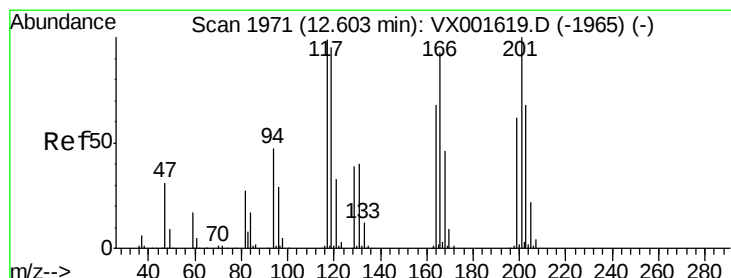
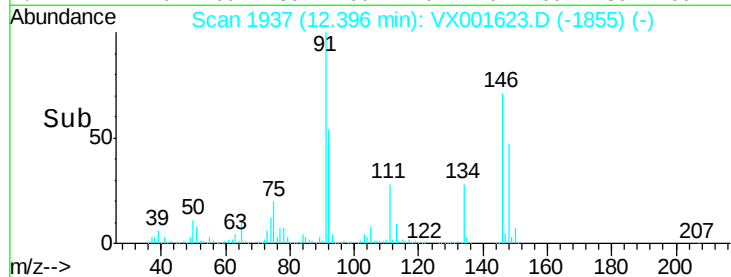
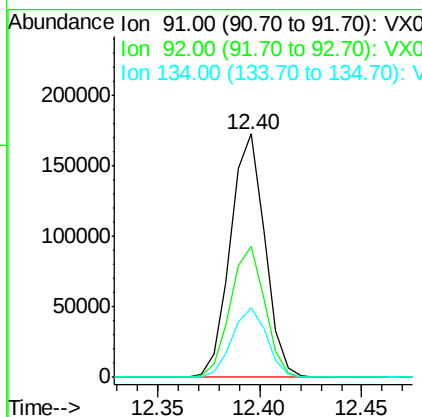
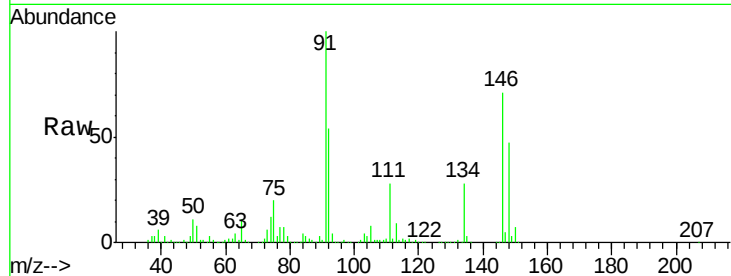
#85
n-Butylbenzene
Concen: 21.34 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVX051118

Tot Ion	Ratio	Resp	Lower	Upper
91	100	201780		
92	54.0	0.0	107.8	
134	28.8	0.0	56.8	

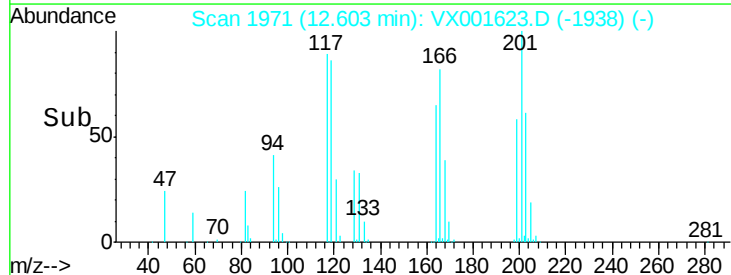
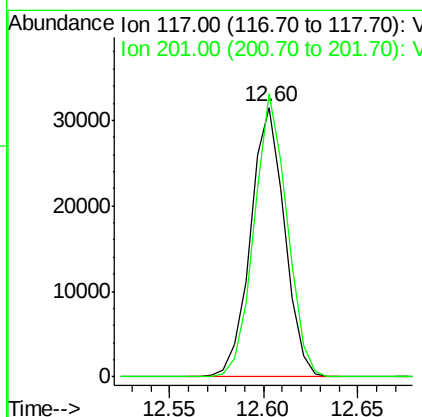
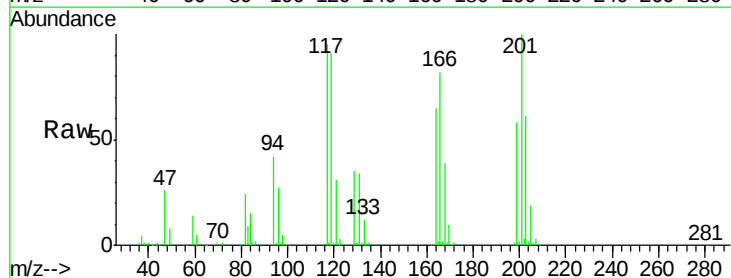
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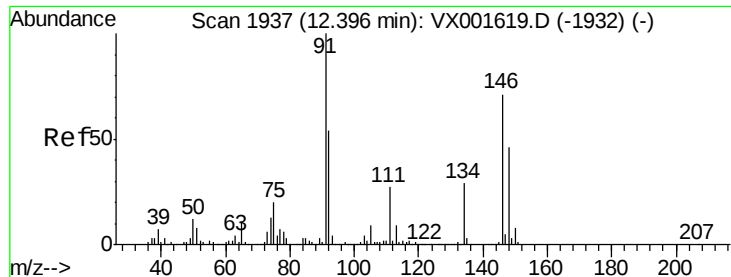
apatel
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#86
Hexachloroethane
Concen: 20.85 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39338		
201	101.4	50.1	150.3	





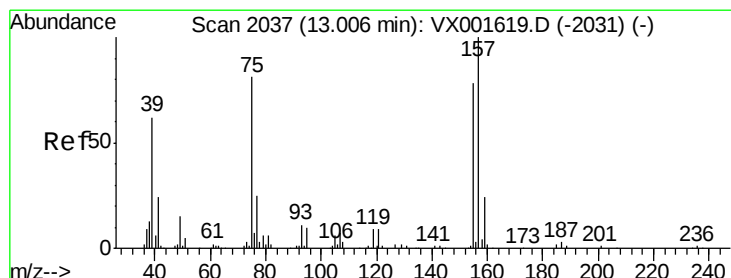
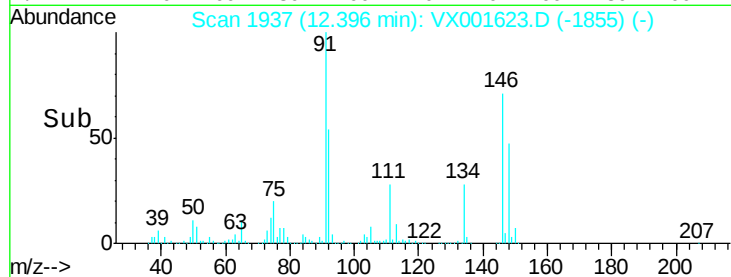
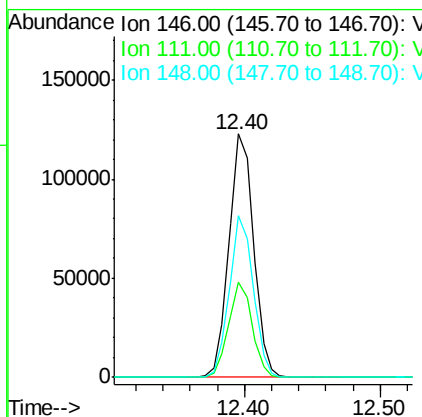
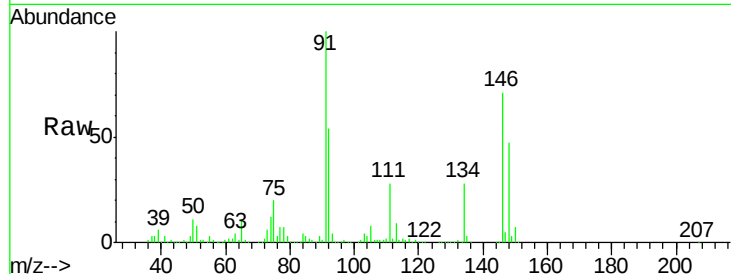
#87
 1,2-Dichlorobenzene
 Concen: 21.16 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.5	32.1	96.5

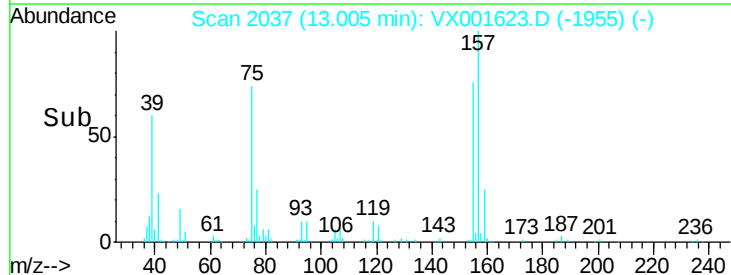
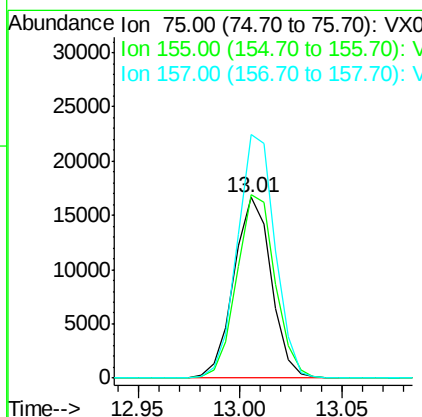
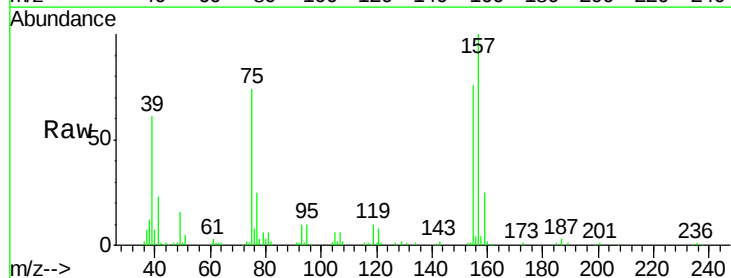
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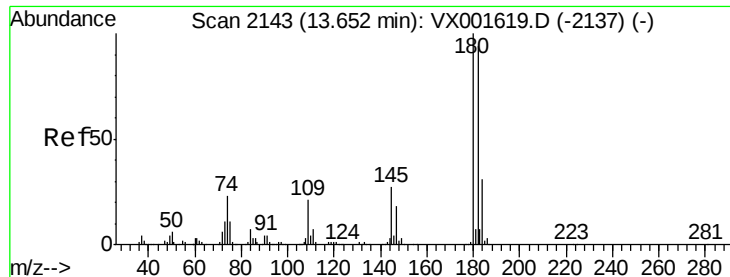
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.24 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.4	79.8	119.8
157	136.3	105.4	158.2





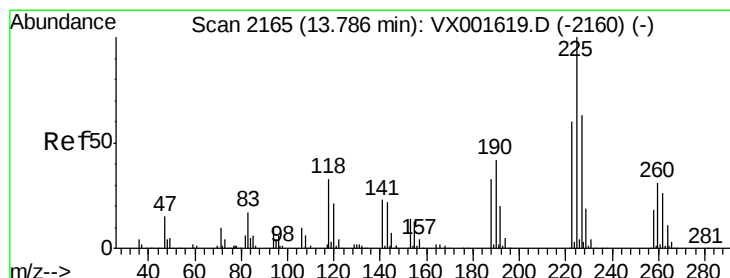
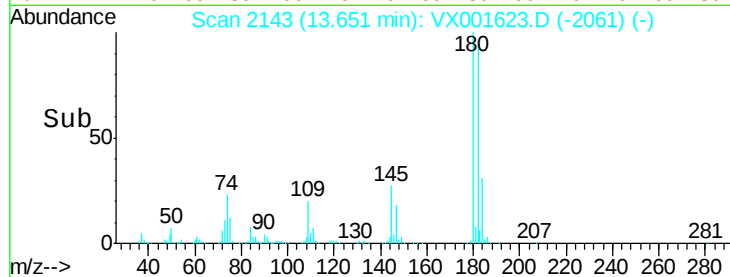
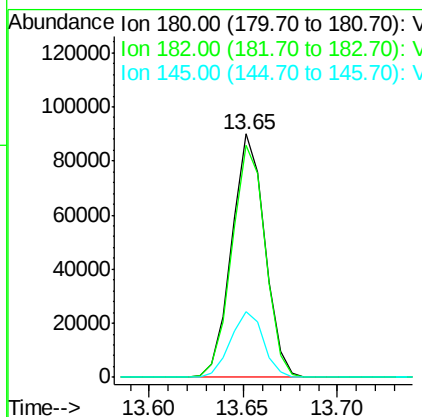
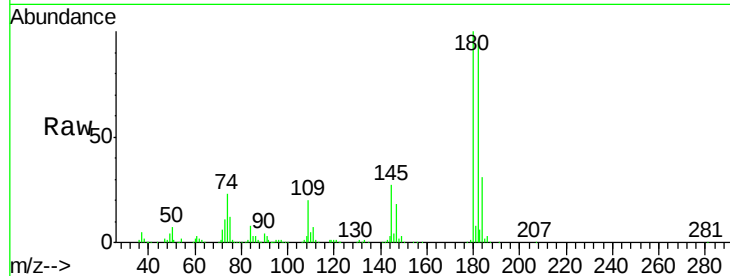
#89
 1,2,4-Trichlorobenzene
 Concen: 21.08 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051118

Tot Ion	Ratio	Resp	Lower	Upper
180	100	109566		
182	96.2	76.6	115.0	
145	26.7	21.5	32.3	

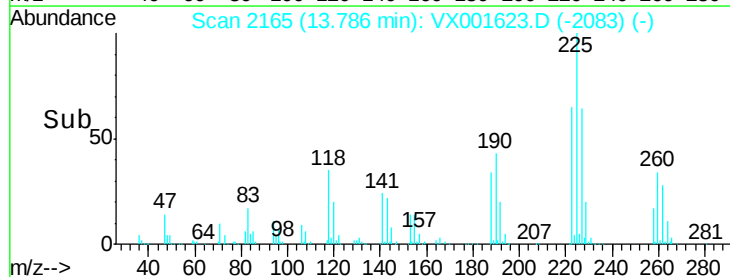
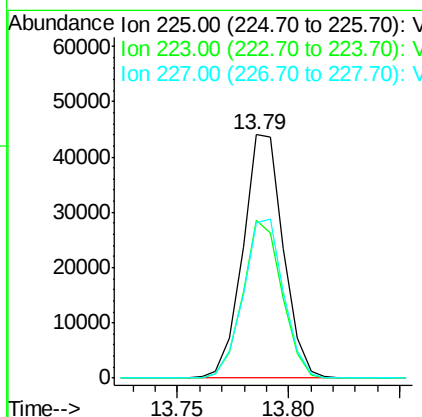
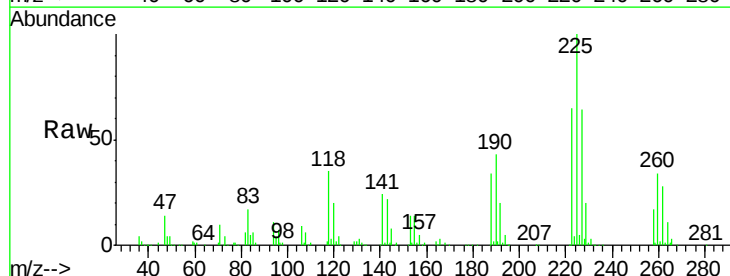
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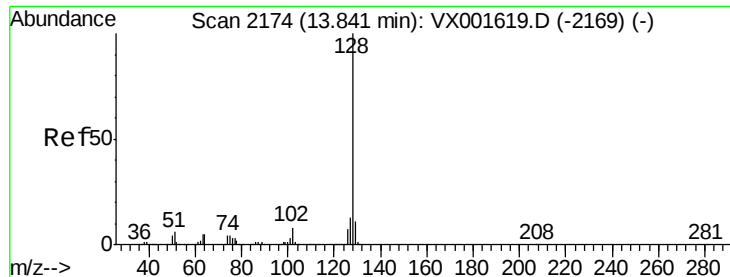
apatel
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#90
 Hexachlorobutadiene
 Concen: 20.97 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001623.D
 Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55769		
223	62.7	0.0	120.2	
227	65.1	0.0	126.6	





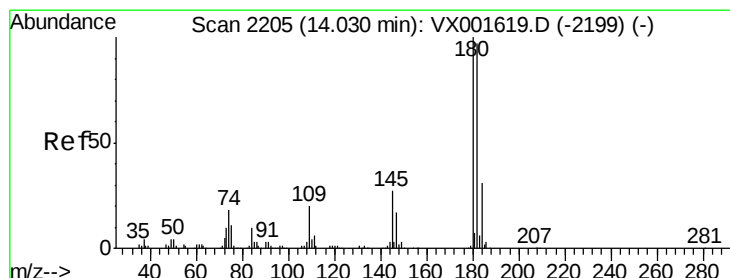
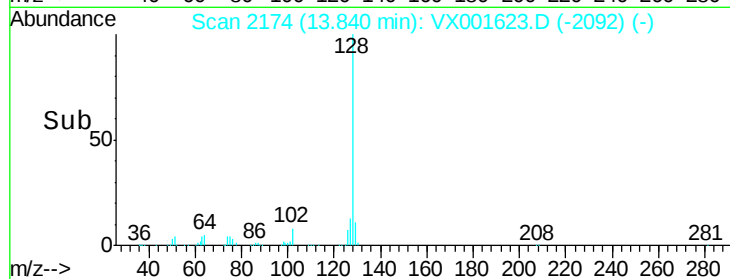
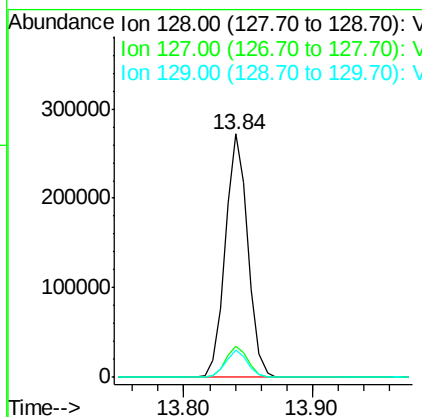
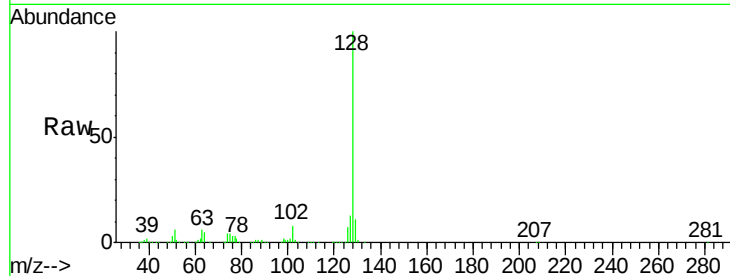
#91
Naphthalene
Concen: 21.47 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051118

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 21.42 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX001623.D
Acq: 11 May 2018 01:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	192.2
145	28.0	0.0	56.0

