

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000112.D
 Acq On : 20 Feb 2018 16:58
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX022018

Manual Integrations
 APPROVED

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 2/22/2018 4:04:43 PM

Quant Time: Feb 21 06:23:40 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	16603	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	103267	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	98985	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	40519	31.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.10%
60) 4-Bromofluorobenzene	11.15	95	49297	30.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.47%
63) Toluene-d8	8.73	98	128599	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	22480	21.82	ug/l	97
3) Chloromethane	1.32	50	22375	21.67	ug/l	96
4) Vinyl Chloride	1.40	62	25852	21.04	ug/l	99
5) Bromomethane	1.65	94	21426	18.92	ug/l	94
6) Chloroethane	1.73	64	16931	21.53	ug/l	99
7) Trichlorofluoromethane	1.93	101	47259	22.20	ug/l	100
8) Diethyl Ether	2.20	74	15934	21.43	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26199	22.56	ug/l	98
10) 1,1-Dichloroethene	2.38	96	24439	22.03	ug/l	94
11) Methyl Iodide	2.51	142	23313	21.62	ug/l	95
12) Methyl Acetate	2.79	43	40774	20.57	ug/l	99
13) Acrolein	2.30	56	23402	98.10	ug/l	97
14) Acrylonitrile	3.16	53	85847	99.93	ug/l	97
15) Acetone	2.45	58	26641	95.12	ug/l	85
16) Carbon Disulfide	2.57	76	68665	21.64	ug/l	99
17) Allyl chloride	2.73	41	40836	21.59	ug/l	95
18) Methylene Chloride	2.86	84	26035	21.54	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	25934	21.49	ug/l	98
20) Diisopropyl ether	3.88	45	61058	20.44	ug/l	97
21) 1,1-Dichloroethane	3.70	63	34951	17.76	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	23702	21.14	ug/l	99
23) tert-Butyl Alcohol	3.09	59	44817	91.27	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	83668	21.89	ug/l	99
25) Chloroform	5.23	83	41829	21.43	ug/l	96
26) Cyclohexane	5.59	56	34233	22.18	ug/l #	99
29) 1,1-Dichloropropene	5.81	75	32033	21.30	ug/l	98
30) 2-Butanone	4.73	43	107186	92.59	ug/l	100
31) 2,2-Dichloropropane	4.59	77	32038	19.81	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	38210	21.00	ug/l	98
33) Carbon Tetrachloride	5.79	117	33908	20.99	ug/l	98
34) Benzene	6.15	78	90564	20.93	ug/l	93
35) Methacrylonitrile	5.08	41	19919	18.69	ug/l	87
36) 1,2-Dichloroethane	6.21	62	32207	19.63	ug/l	98
37) Trichloroethene	7.23	130	26054	20.37	ug/l	97
38) Methylcyclohexane	7.47	83	38101	21.13	ug/l	99
39) 1,2-Dichloropropane	7.53	63	22297	20.64	ug/l	99
40) Dibromomethane	7.67	93	17593	21.14	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	31899	20.16	ug/l	96
42) Vinyl Acetate	3.84	43	290128	98.33	ug/l	100
43) Ethyl Acetate	4.88	43	38921	19.14	ug/l	98
44) Isopropyl Acetate	6.48	43	59853	20.06	ug/l	100
45) 1,4-Dioxane	7.77	88	13912	370.78	ug/l	99
46) Methyl methacrylate	7.79	41	28773	19.83	ug/l	97
47) n-amyl Acetate	10.91	43	53173	20.42	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	36742	19.95	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	36866	20.57	ug/l	100
50) 1,1,2-Trichloroethane	9.23	97	25020	20.47	ug/l	96
51) Ethyl methacrylate	9.20	69	38104	20.35	ug/l	98
52) 1,3-Dichloropropane	9.38	76	40979	20.90	ug/l	99
53) Dibromochloromethane	9.59	129	27267	20.05	ug/l	96
54) 1,2-Dibromoethane	9.68	107	27560	20.23	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	89975	110.04	ug/l	99
56) Bromoform	10.87	173	21610	19.62	ug/l	98
58) 4-Methyl-2-Pentanone	8.66	43	211763	97.67	ug/l	99
59) 2-Hexanone	9.51	43	175196	95.43	ug/l	98
61) Tetrachloroethene	9.35	164	24779	20.62	ug/l	95
62) Toluene	8.79	91	107040	20.78	ug/l	99
64) Chlorobenzene	10.15	112	71839	20.64	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	25477	20.67	ug/l	98
66) Ethyl Benzene	10.26	91	120822	20.55	ug/l	99
67) m/p-Xylenes	10.37	106	96123	41.71	ug/l	98
68) o-Xylene	10.71	106	46145	20.61	ug/l	100
69) Styrene	10.72	104	76390	20.60	ug/l	99
70) Isopropylbenzene	11.03	105	125924	20.81	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.28	83	42676	20.50	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	36642m	19.62	ug/l	
73) Bromobenzene	11.26	156	31586	19.91	ug/l	97
74) n-propylbenzene	11.37	91	149269	21.05	ug/l	99
75) 2-Chlorotoluene	11.43	91	85943	21.08	ug/l	99
76) 1,3,5-Trimethylbenzene	11.52	105	106025	20.68	ug/l	67
77) t-1,4-Dichloro-2-butene	11.08	75	12642	19.14	ug/l	95
78) 4-Chlorotoluene	11.52	91	102834	21.05	ug/l	99
79) tert-butylbenzene	11.78	119	107651m	21.09	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	110235	21.07	ug/l	100
81) sec-Butylbenzene	11.96	105	135471	21.47	ug/l	99
82) p-Isopropyltoluene	12.07	119	121427	21.57	ug/l	100
83) 1,3-Dichlorobenzene	12.04	146	63395	20.99	ug/l	98
84) 1,4-Dichlorobenzene	12.11	146	65432	20.79	ug/l	99
85) n-Butylbenzene	12.40	91	113331	21.47	ug/l	100
86) Hexachloroethane	12.60	117	19308	20.54	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	62983	21.04	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	11358	19.51	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	46067	20.96	ug/l	99
90) Hexachlorobutadiene	13.79	225	19124	20.19	ug/l	99
91) Naphthalene	13.85	128	158452	20.63	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	44981	20.35	ug/l	99

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QLast Update : Wed Feb 21 06:17:26 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

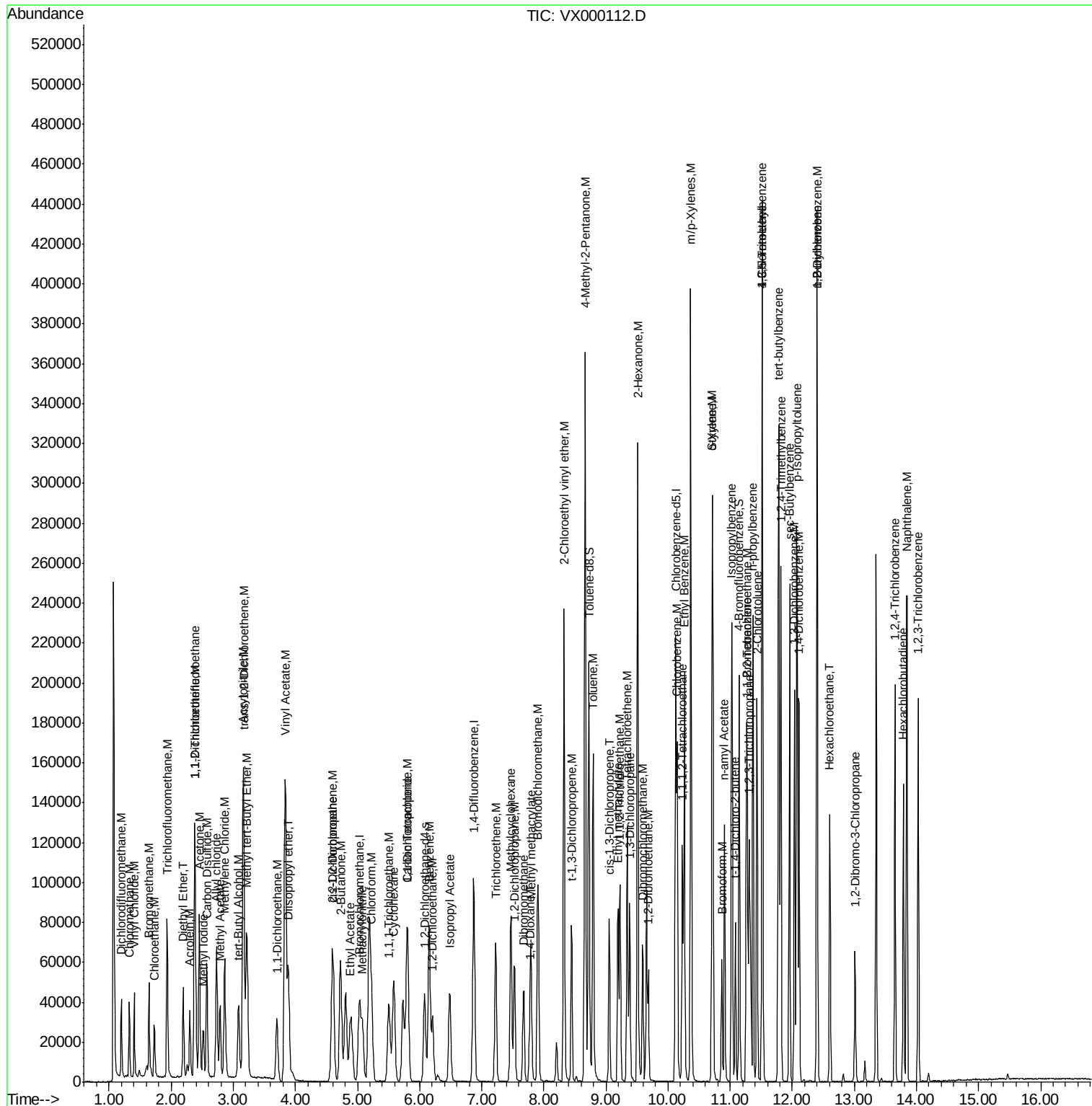
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
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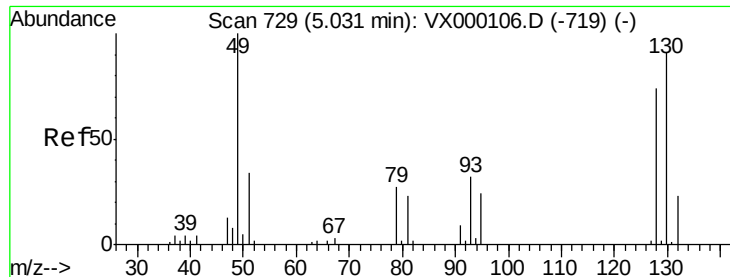
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Manual Integrations APPROVED

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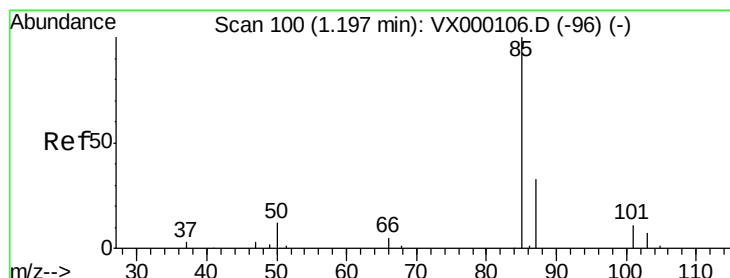
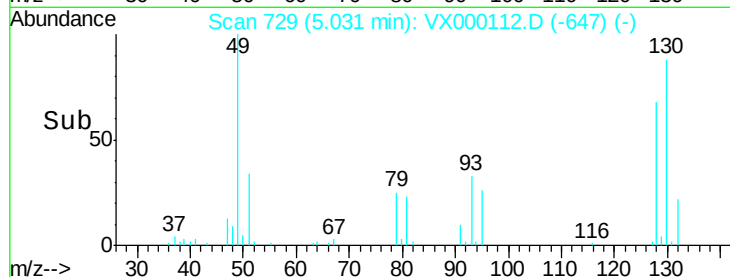
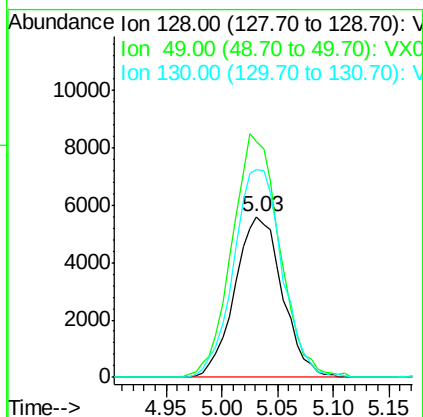
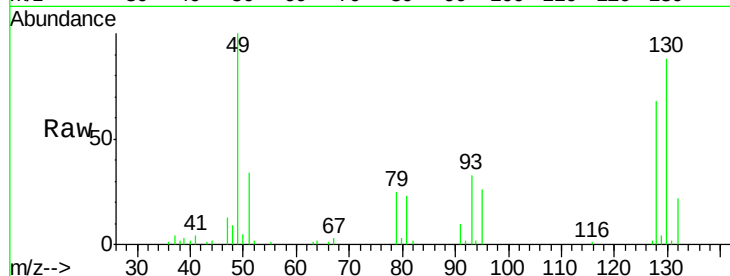
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Lower	Upper
128	100		
49	151.7	0.0	378.3
130	131.7	0.0	324.3

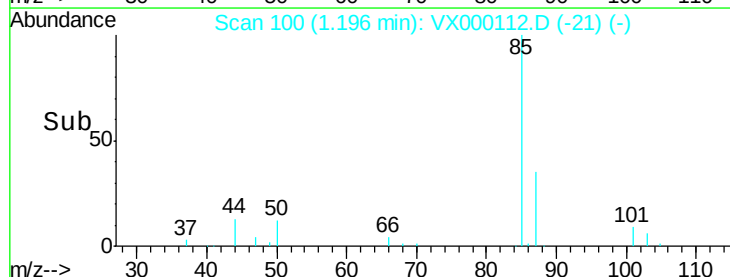
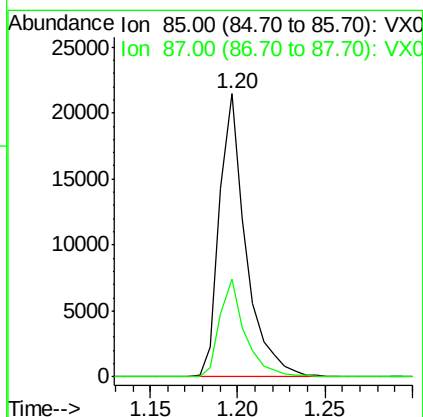
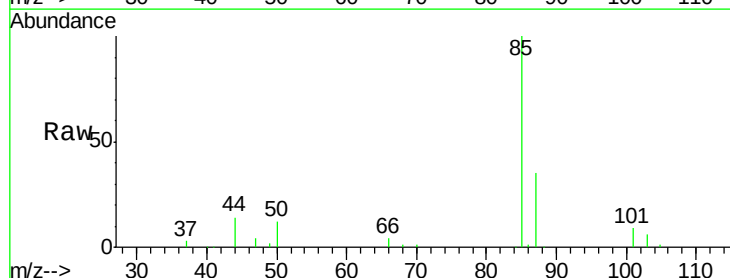
Manual Integrations
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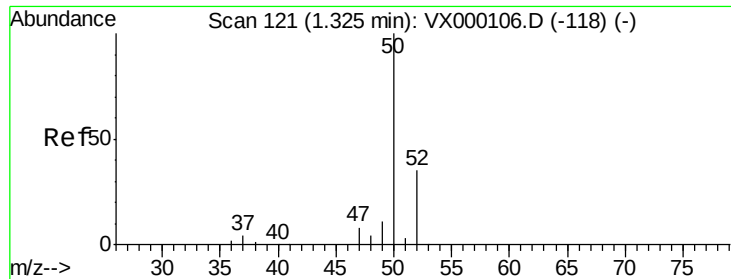
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#2
Dichlorodifluoromethane
Concen: 21.82 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.5	16.6	49.7





#3

Chloromethane

Concen: 21.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022018

Tot Ion: 50 Resp: 22375

Ion Ratio Lower Upper

50 100

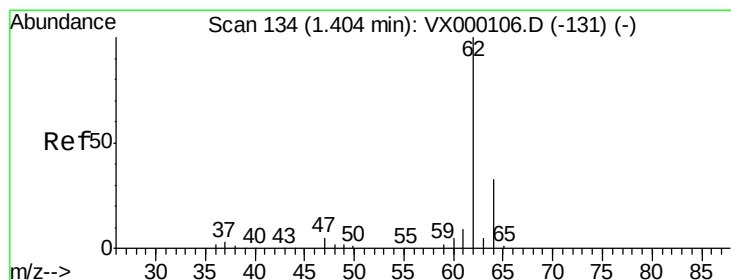
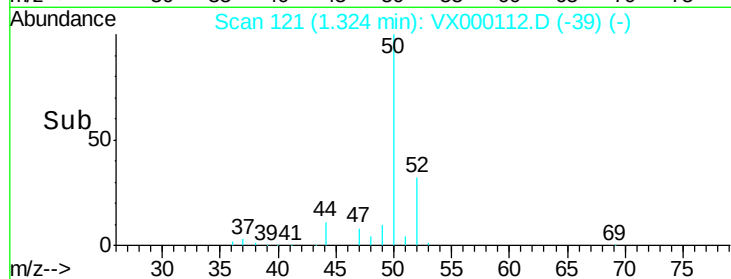
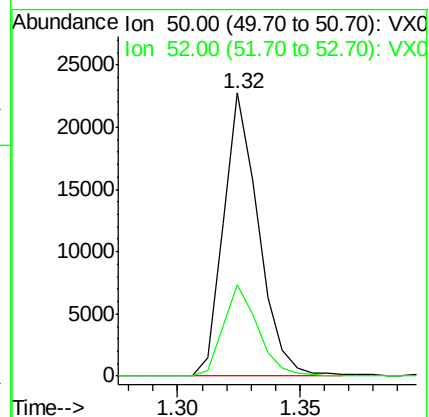
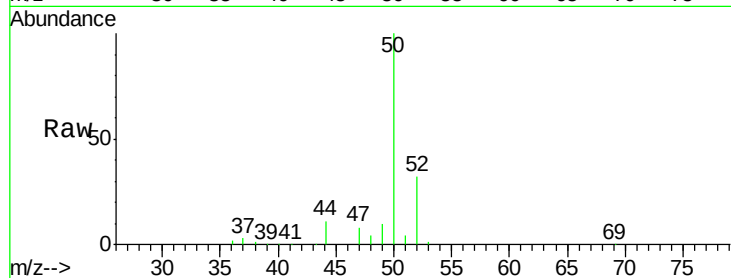
52 32.5 27.8 41.6

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#4

Vinyl Chloride

Concen: 21.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000112.D

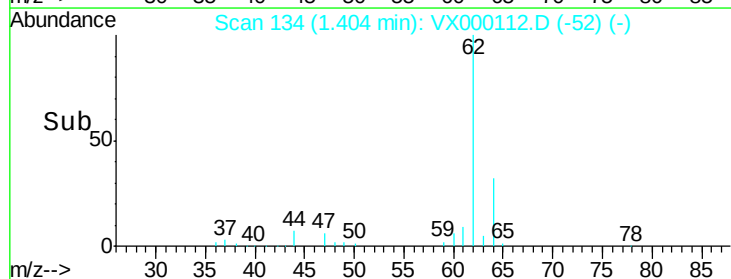
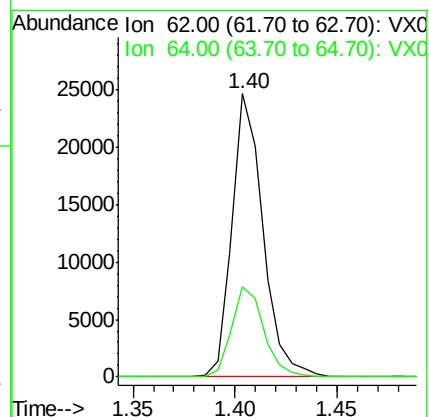
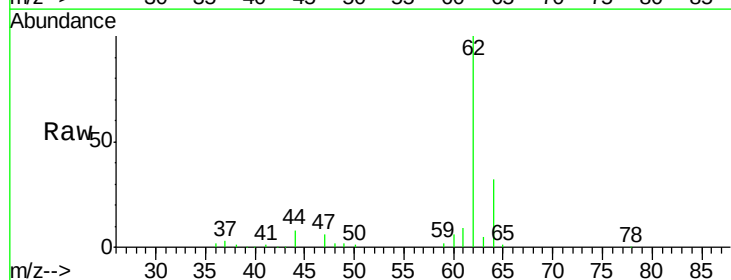
Acq: 20 Feb 2018 16:58

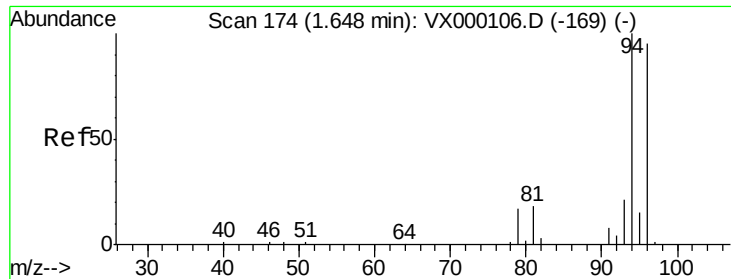
Tgt Ion: 62 Resp: 25852

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0





#5

Bromomethane

Concen: 18.92 ug/l

RT: 1.65 min Scan# 174

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

ICVVX022018

Tot Ion: 94 Resp: 21426

Ion Ratio Lower Upper

94 100

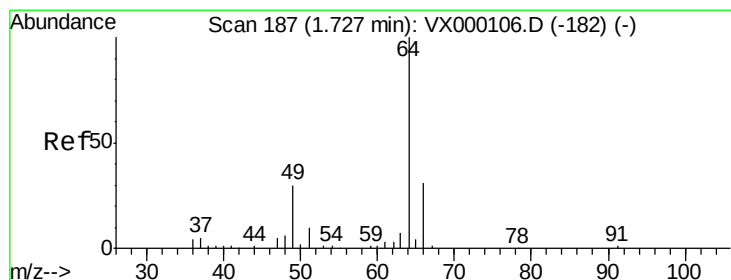
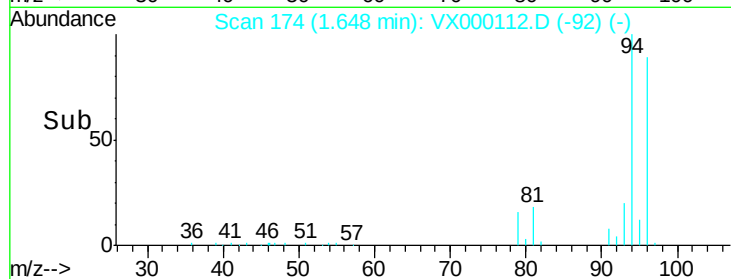
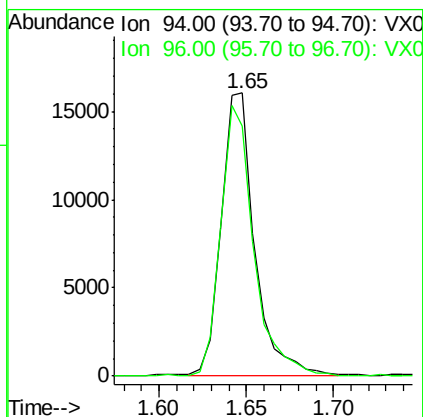
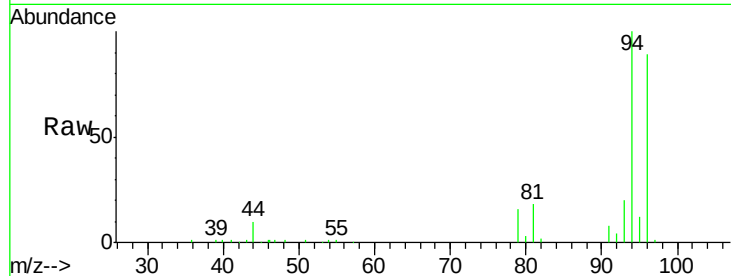
96 88.9 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 21.53 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000112.D

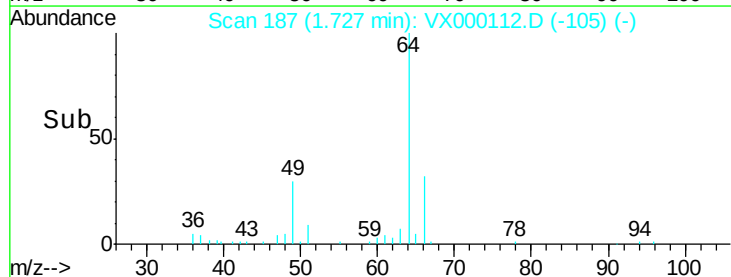
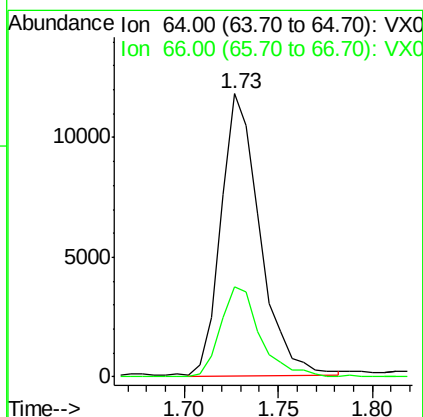
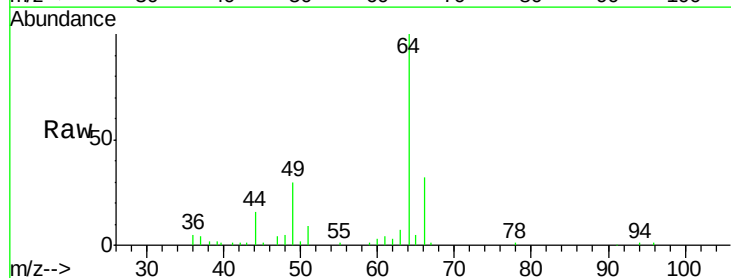
Acq: 20 Feb 2018 16:58

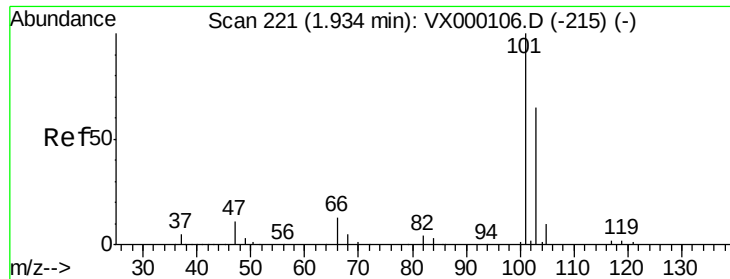
Tgt Ion: 64 Resp: 16931

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8





#7

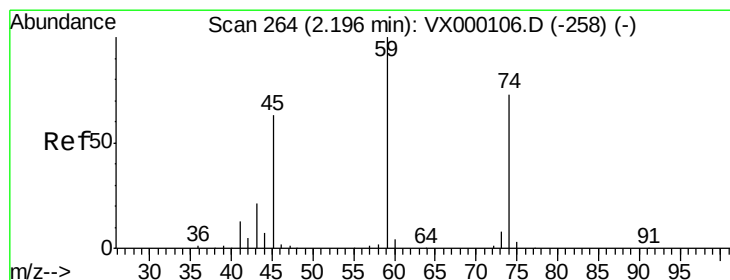
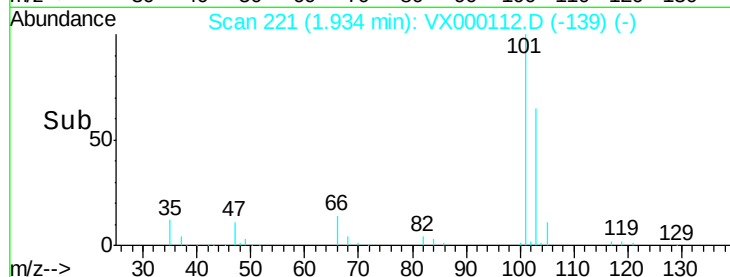
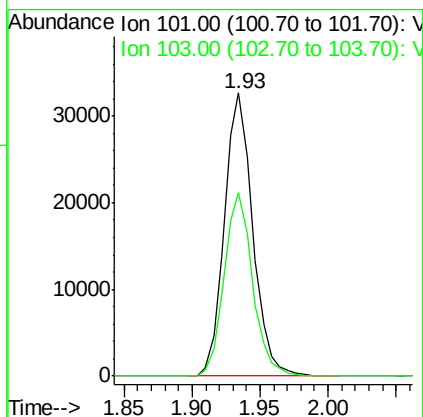
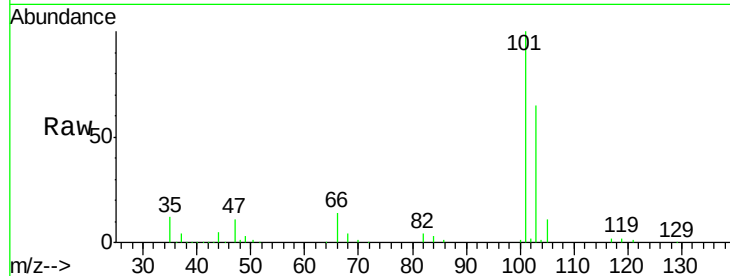
Trichlorofluoromethane
 Concen: 22.20 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022018

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.4

Manual Integrations
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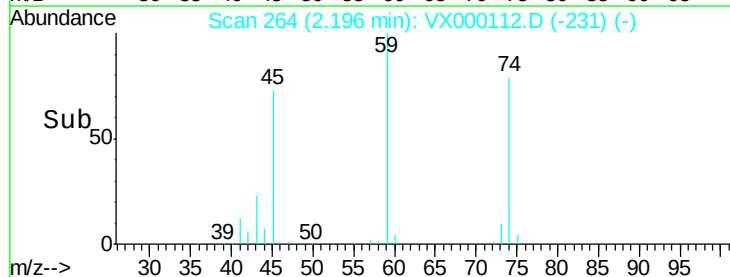
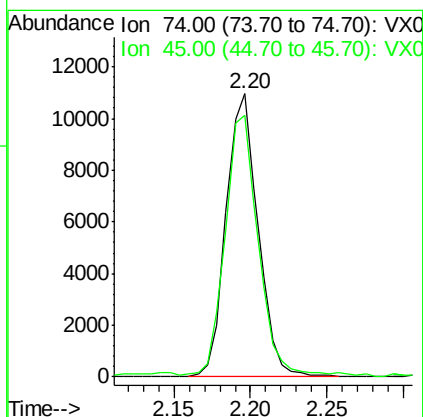
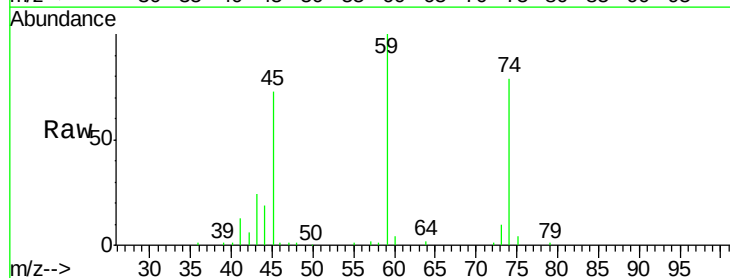
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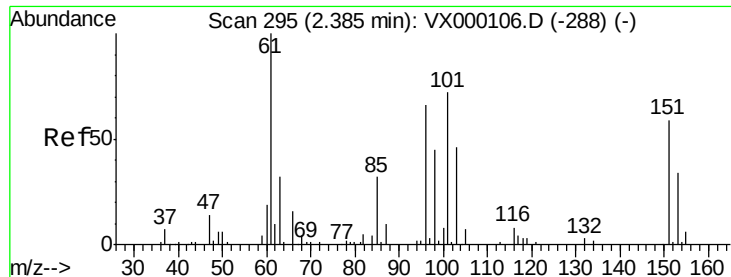


#8

Diethyl Ether
 Concen: 21.43 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.56 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

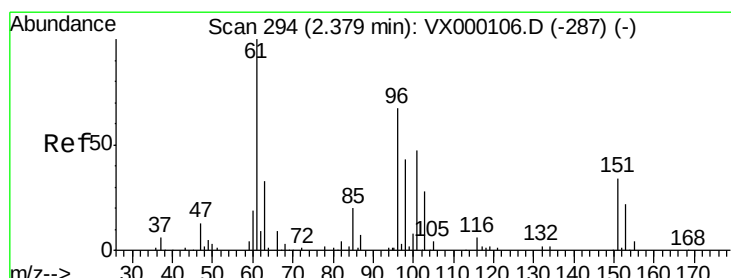
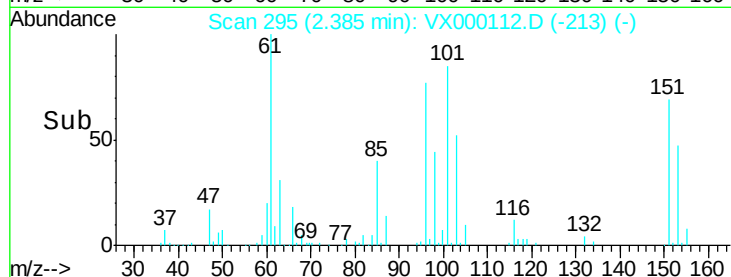
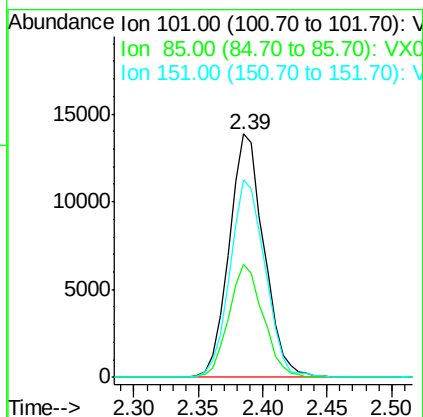
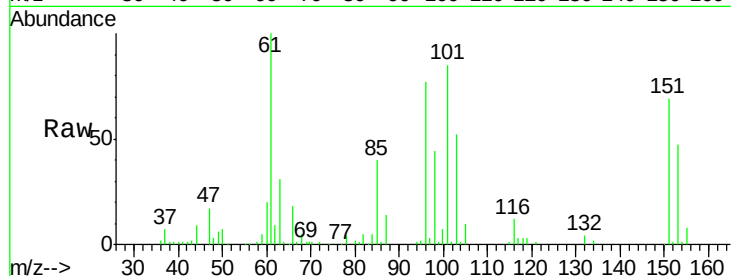
ClientSampled :

ICVVX022018

Tot Ion:	101	Resp:	26199
Ion Ratio	Lower	Upper	
101	100		
85	45.8	0.0	90.4
151	81.9	0.0	167.6

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#10

1,1-Dichloroethene

Concen: 22.03 ug/l

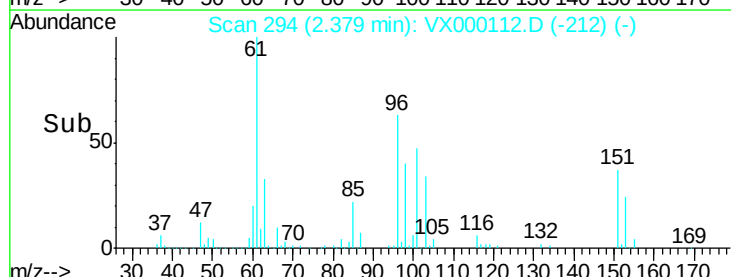
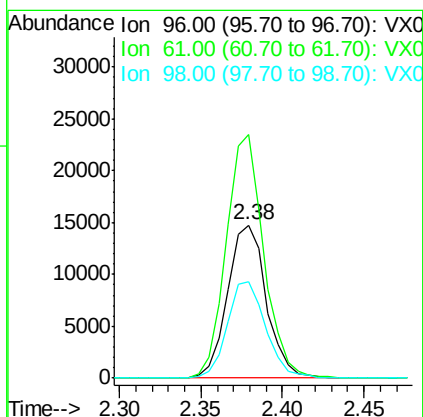
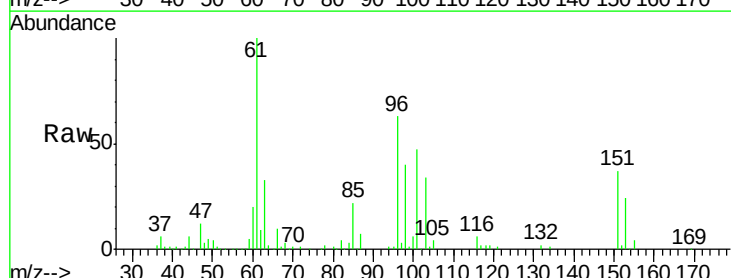
RT: 2.38 min Scan# 294

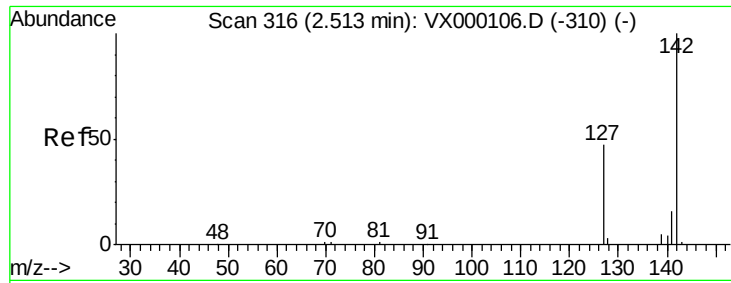
Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion:	96	Resp:	24439
Ion Ratio	Lower	Upper	
96	100		
61	158.6	118.6	178.0
98	63.1	51.0	76.6





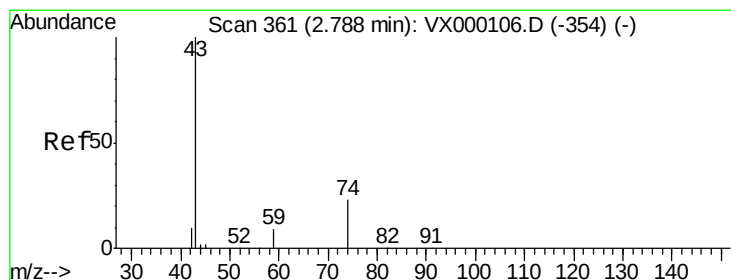
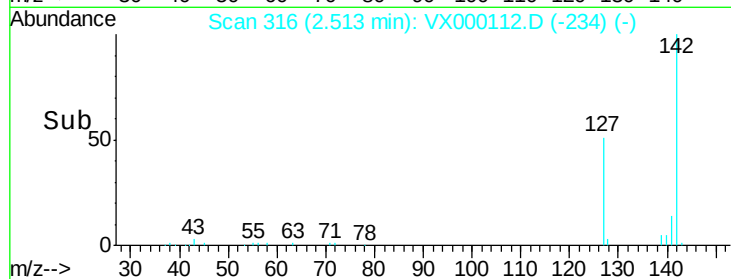
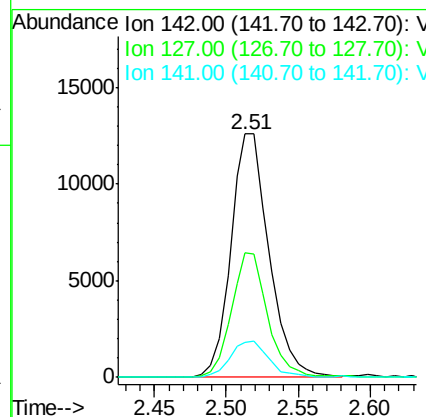
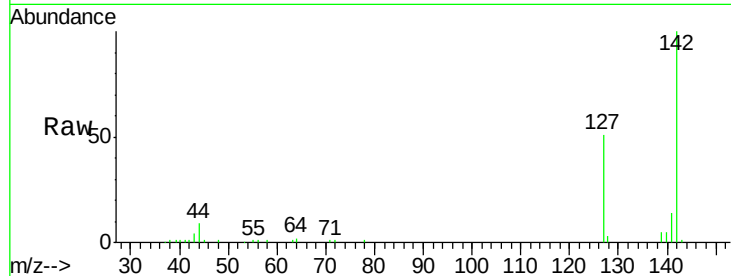
#11
Methvl Iodide
Concen: 21.62 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Lower	Upper
142	100		
127	51.2	23.8	71.5
141	14.0	8.2	24.4

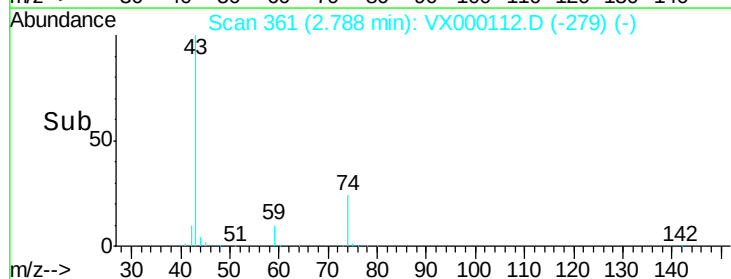
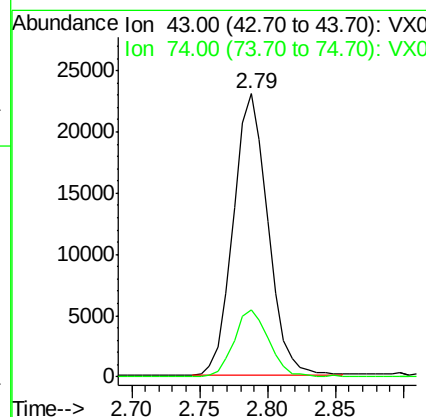
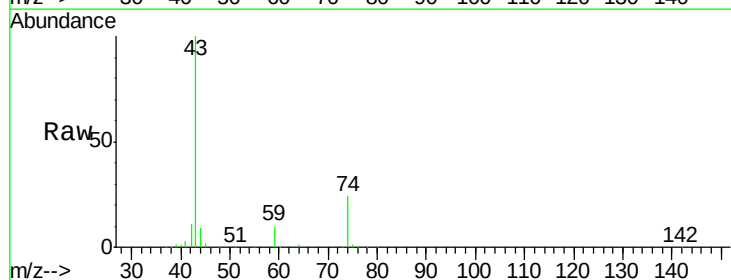
Manual Integrations
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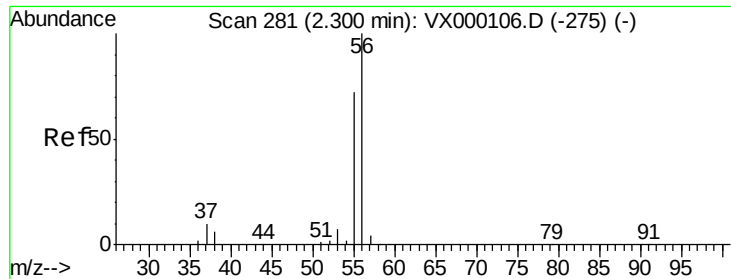
apatel
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#12
Methyl Acetate
Concen: 20.57 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	27.8





#13

Acrolein

Concen: 98.10 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

ICVVX022018

Tot Ion: 56 Resp: 23402

Ion Ratio Lower Upper

56 100

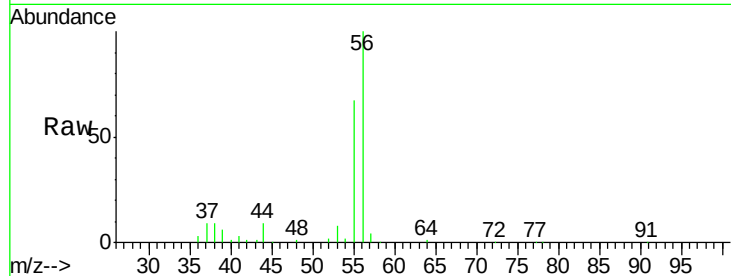
55 69.5 57.3 85.9

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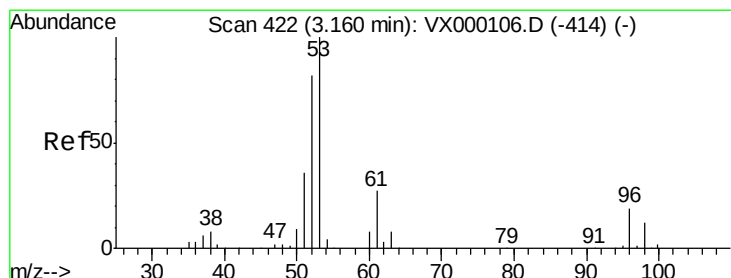
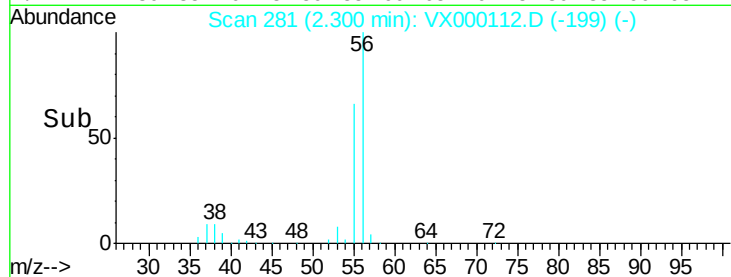
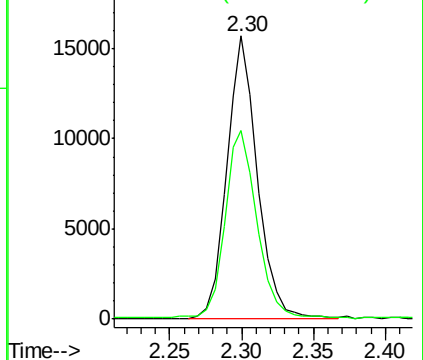
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 99.93 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

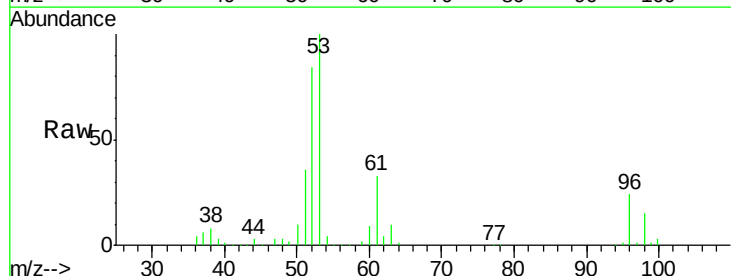
Tgt Ion: 53 Resp: 85847

Ion Ratio Lower Upper

53 100

52 81.3 41.9 125.8

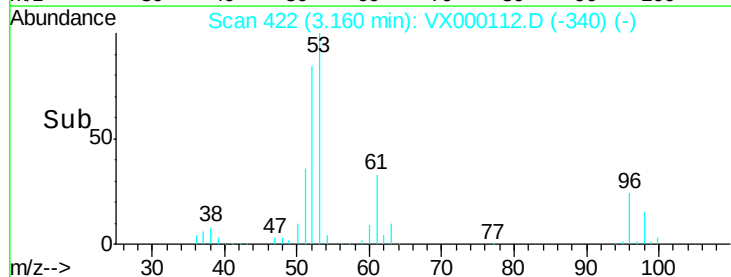
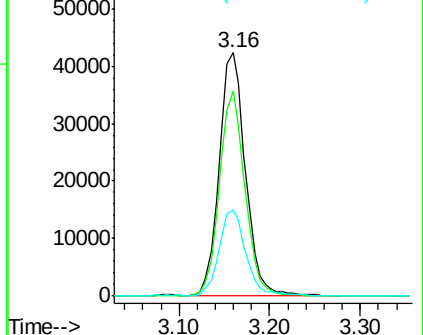
51 36.4 18.8 56.3

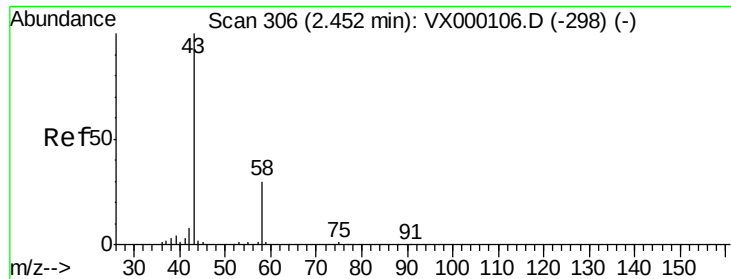


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 95.12 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

ICVVX022018

Tot Ion: 58 Resp: 26641

Ion Ratio Lower Upper

58 100

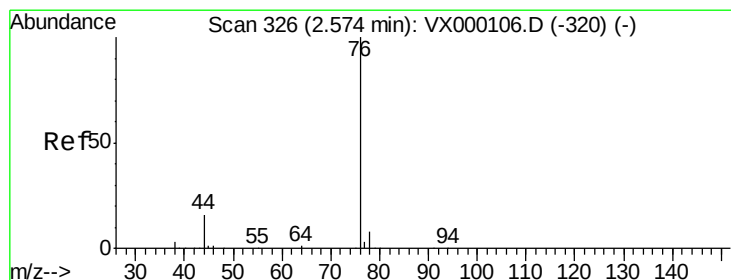
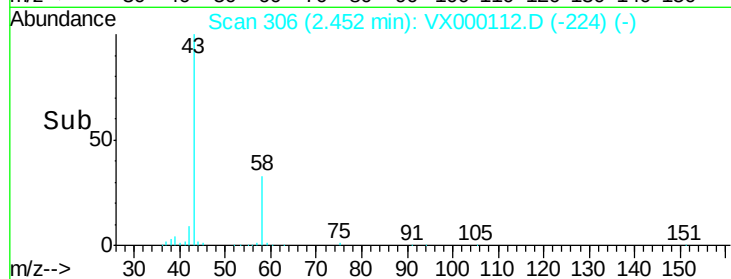
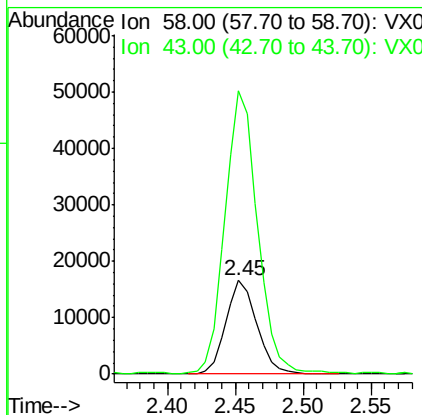
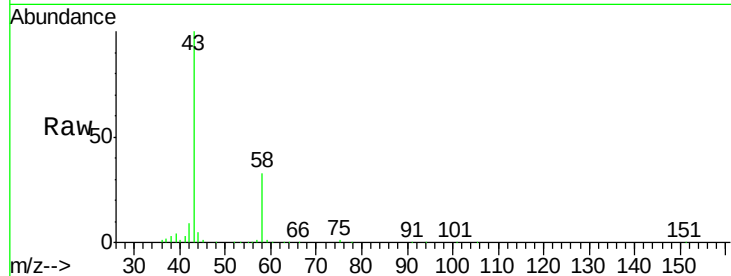
43 300.1 264.6 396.8

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#16

Carbon Disulfide

Concen: 21.64 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000112.D

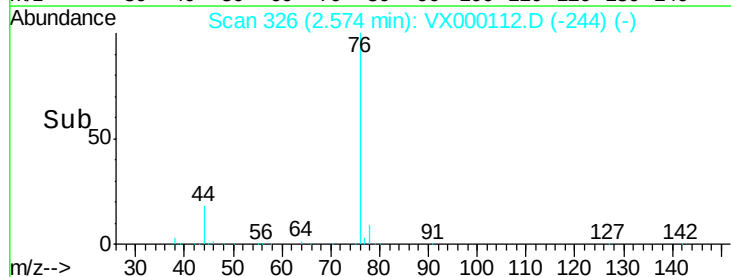
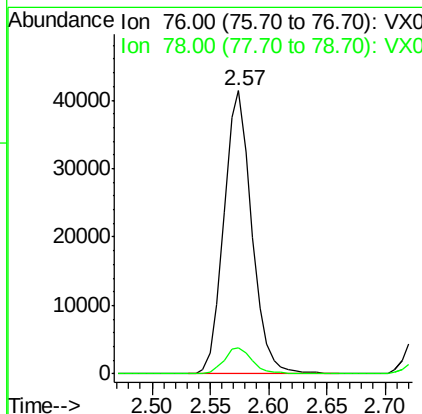
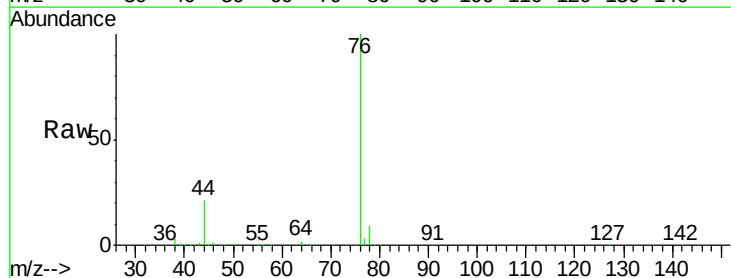
Acq: 20 Feb 2018 16:58

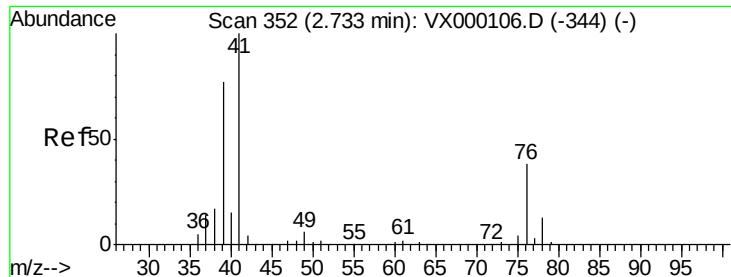
Tgt Ion: 76 Resp: 68665

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2





#17

Allvl chloride

Concen: 21.59 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

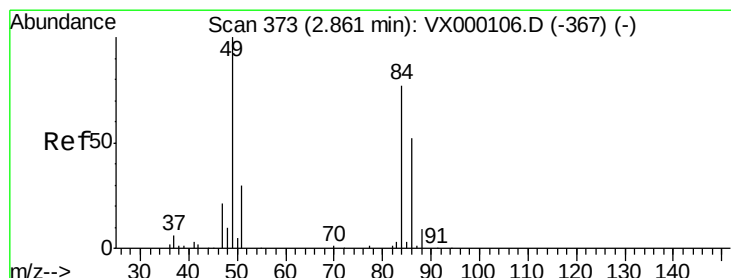
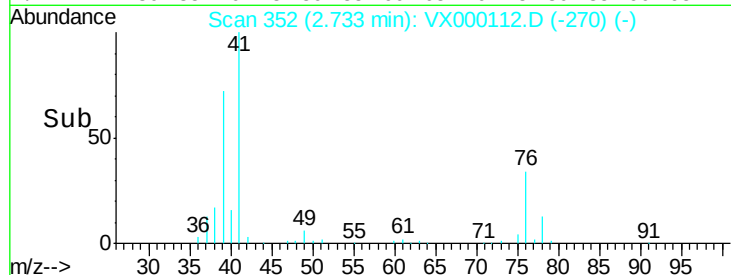
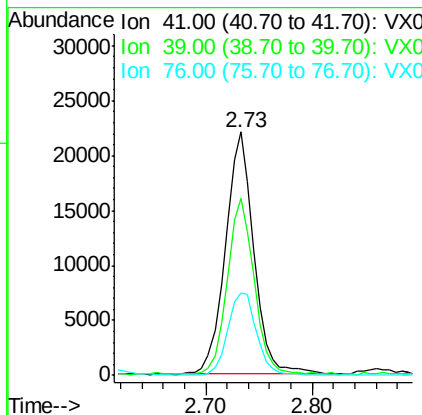
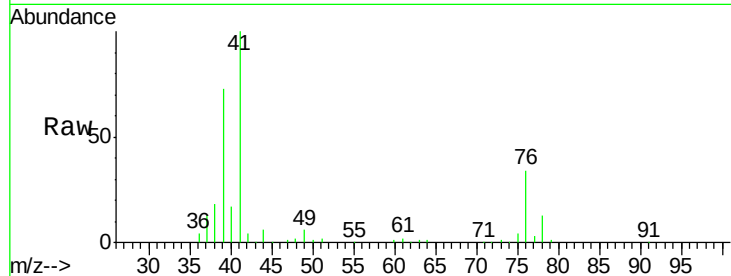
ClientSampleId :

ICVVX022018

Tot Ion:	41	Resp:	40836
Ion	Ratio	Lower	Upper
41	100		
39	72.6	38.5	115.5
76	34.1	18.7	56.1

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#18

Methylene Chloride

Concen: 21.54 ug/l

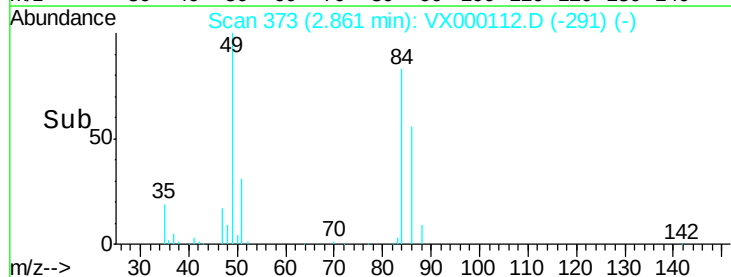
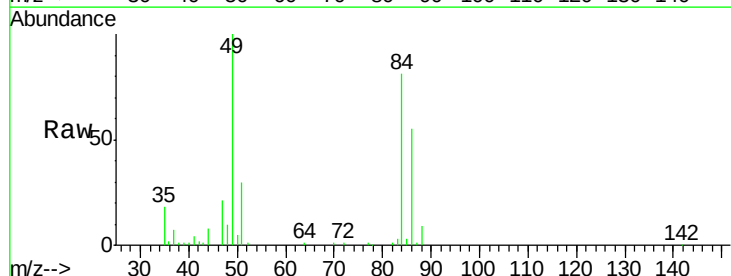
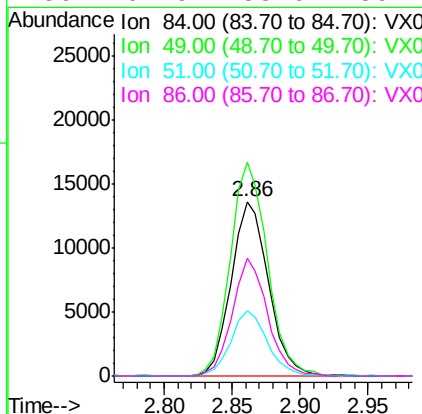
RT: 2.86 min Scan# 373

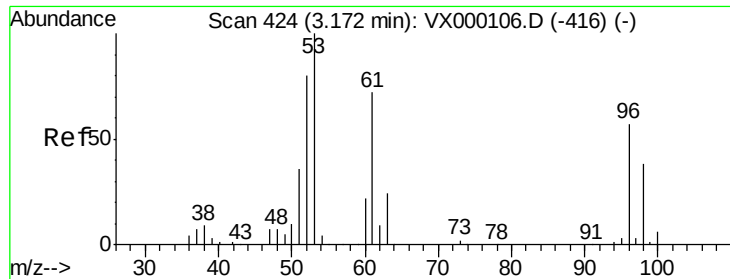
Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion:	84	Resp:	26035
Ion	Ratio	Lower	Upper
84	100		
49	122.7	103.3	154.9
51	37.4	31.2	46.8
86	67.9	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 21.49 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

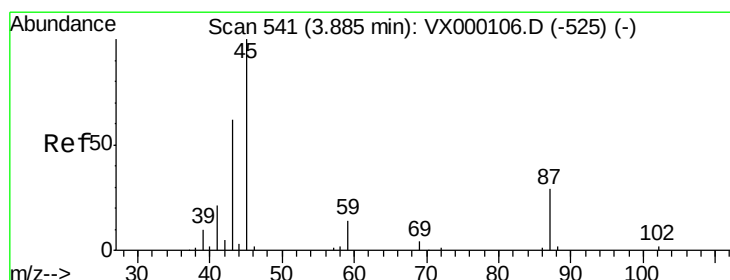
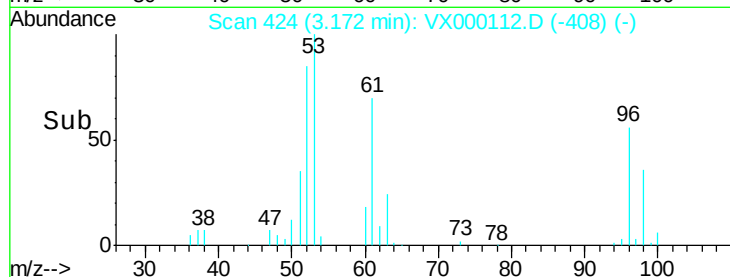
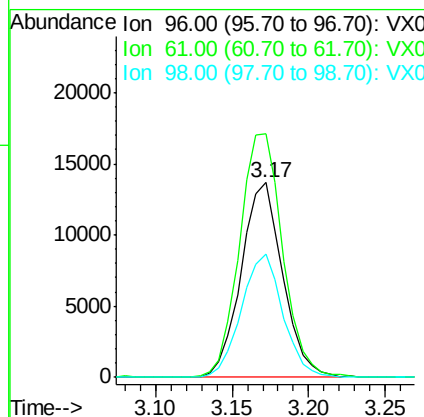
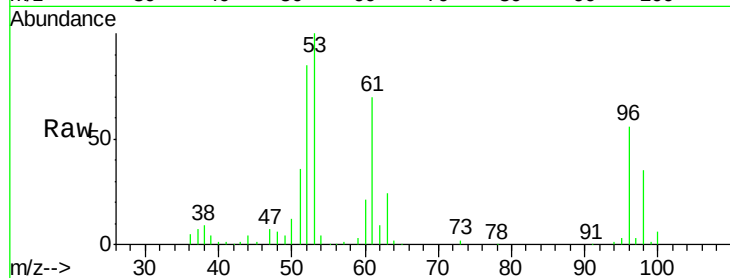
ClientSampled :

ICVVX022018

Tot Ion:	96	Resp:	25934
Ion	Ratio	Lower	Upper
96	100		
61	125.2	101.0	151.6
98	63.5	53.3	79.9

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#20

Diisopropyl ether

Concen: 20.44 ug/l

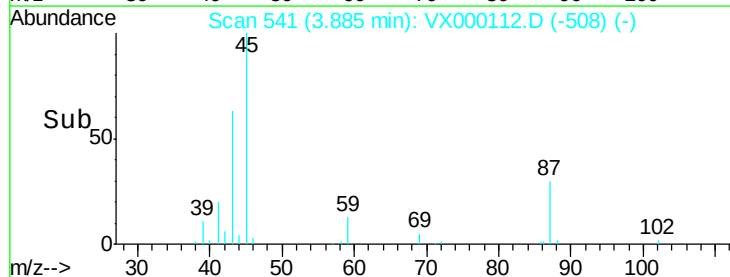
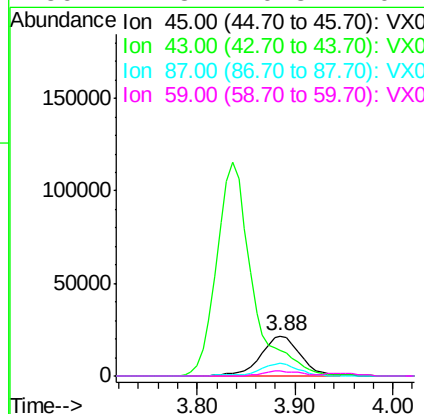
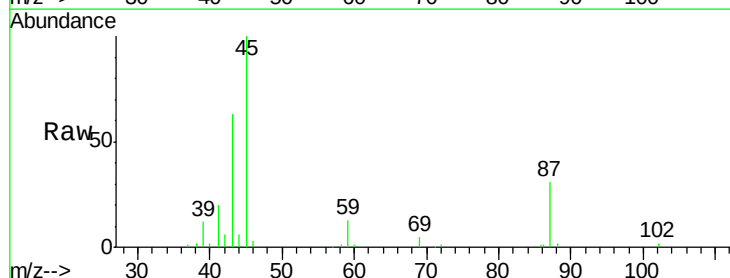
RT: 3.88 min Scan# 541

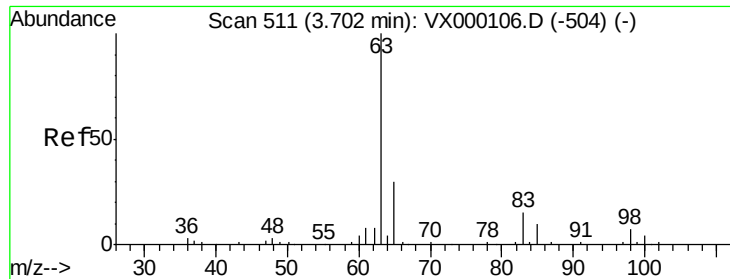
Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion:	45	Resp:	61058
Ion	Ratio	Lower	Upper
45	100		
43	59.3	49.6	74.4
87	30.9	23.1	34.7
59	12.8	10.8	16.2





#21

1,1-Dichloroethane

Concen: 17.76 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

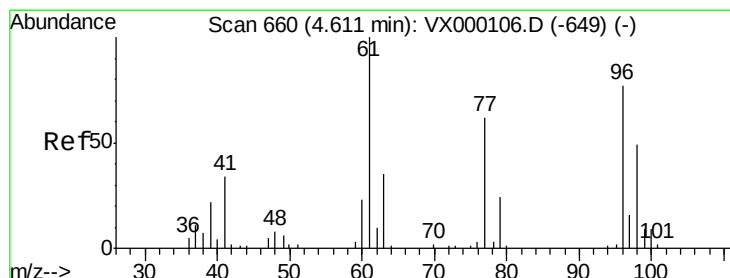
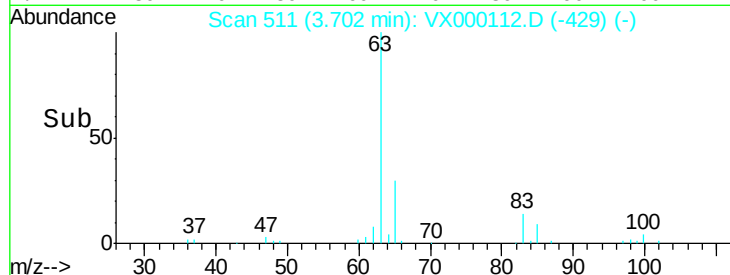
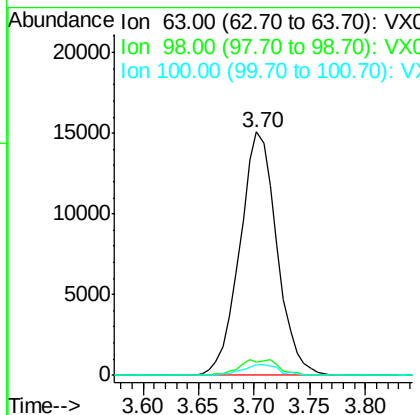
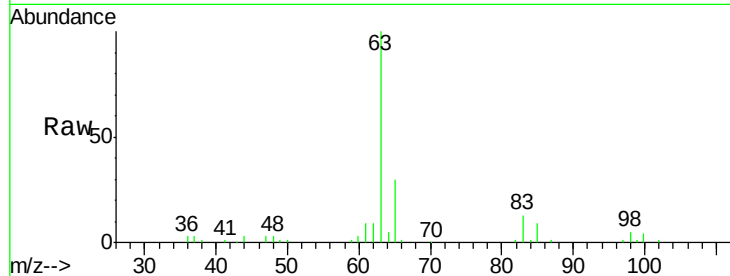
ClientSampleId :

ICVVX022018

Tot Ion:	63	Resp:	34951
Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.3	9.9
100	4.4	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 21.14 ug/l

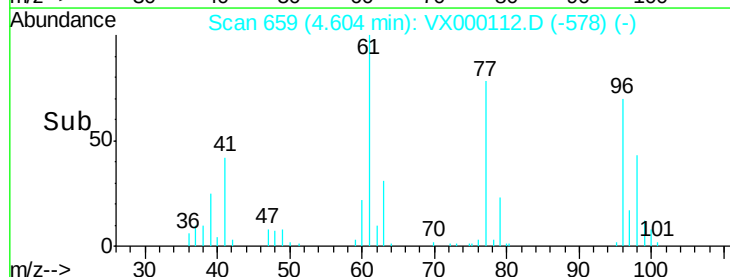
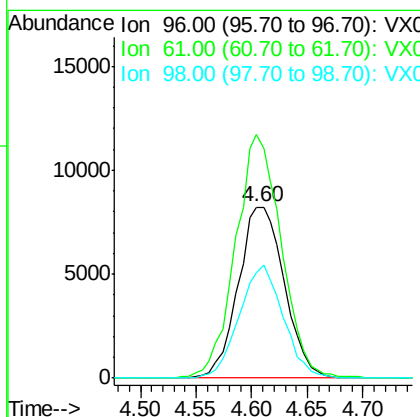
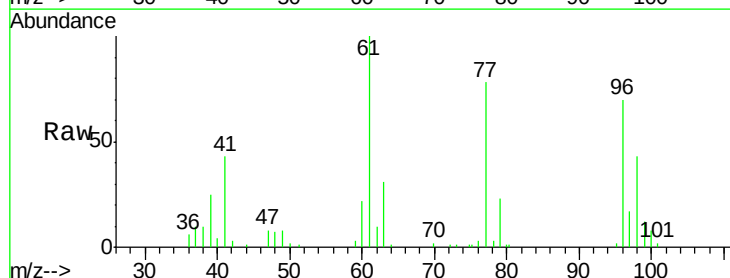
RT: 4.60 min Scan# 659

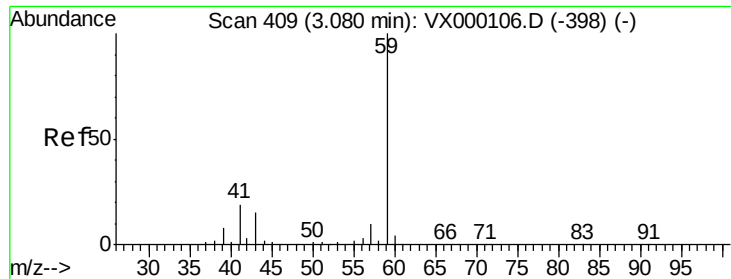
Delta R.T. -0.01 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion:	96	Resp:	23702
Ion	Ratio	Lower	Upper
96	100		
61	141.2	113.5	170.3
98	62.8	51.8	77.8





#23

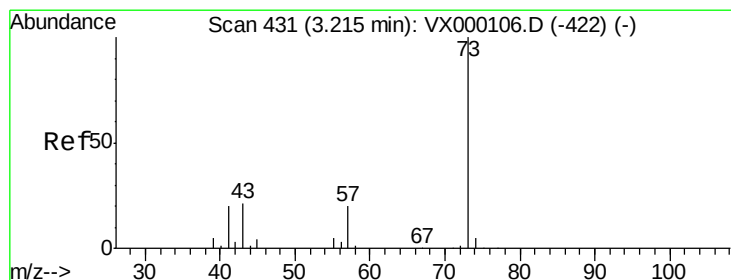
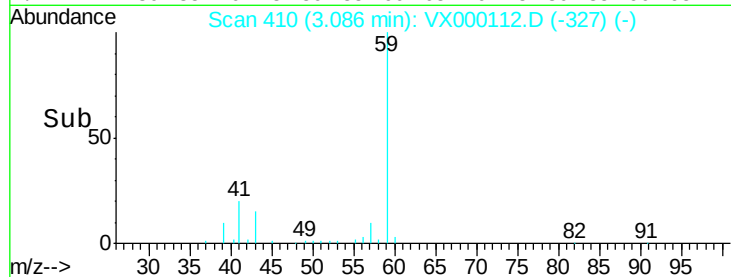
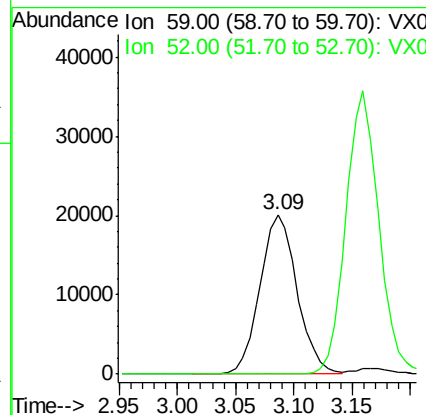
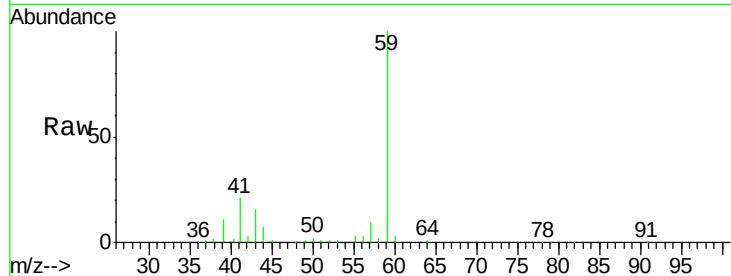
tert-Butyl Alcohol
 Concen: 91.27 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022018

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.1	0.1#

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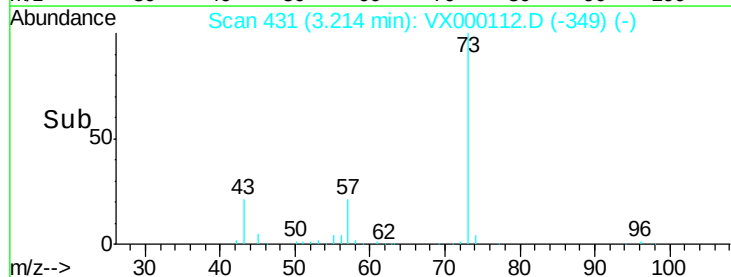
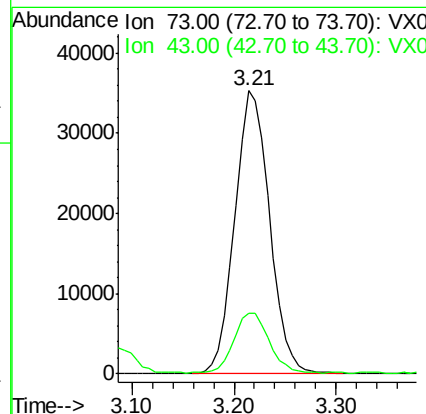
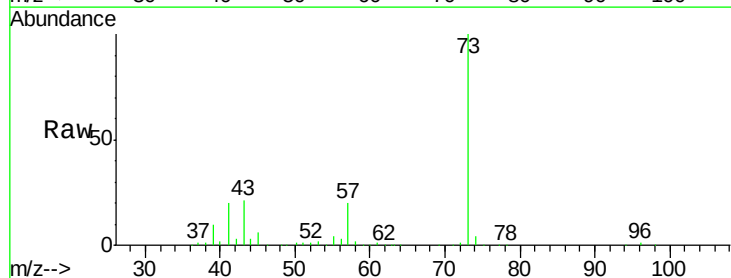
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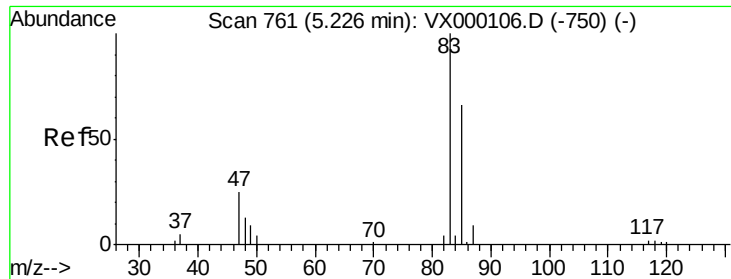


#24

Methyl tert-Butyl Ether
 Concen: 21.89 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.5	24.7





#25

Chloroform

Concen: 21.43 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

ICVVX022018

Tot Ion: 83 Resp: 41829

Ion Ratio Lower Upper

83 100

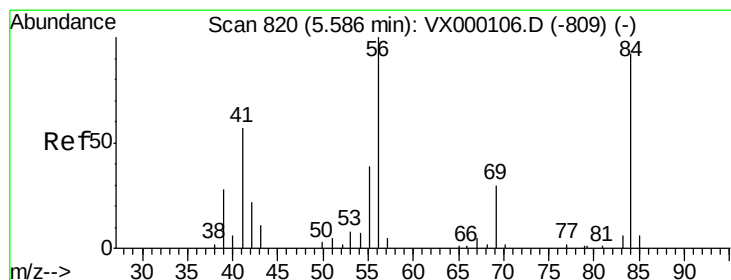
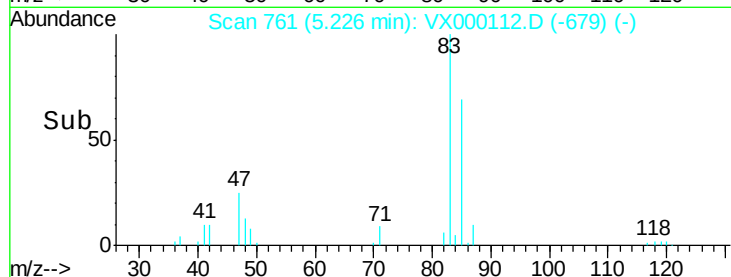
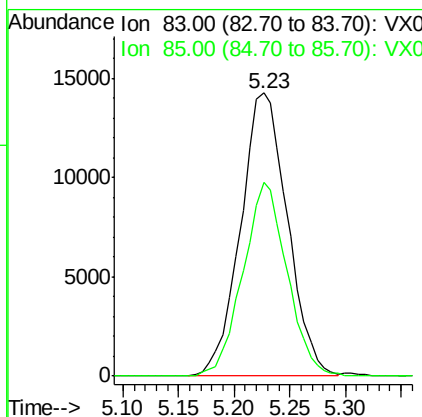
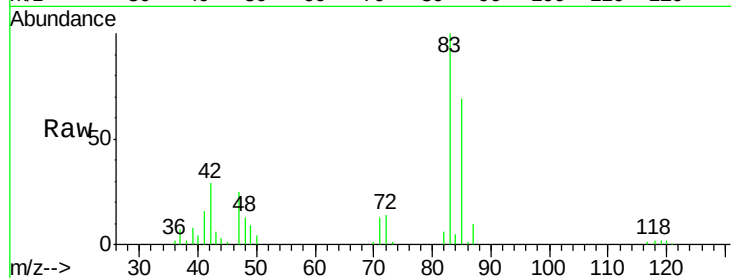
85 68.6 52.5 78.7

Manual Integrations

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#26

Cyclohexane

Concen: 22.18 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

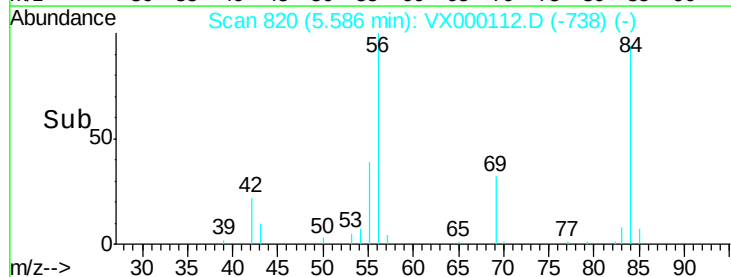
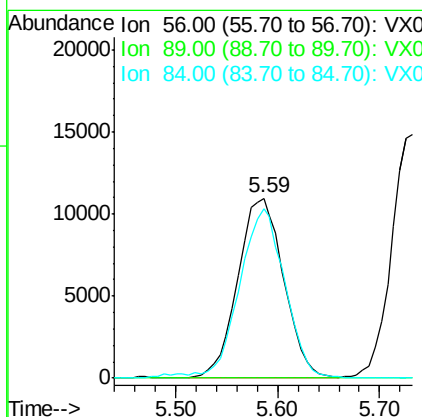
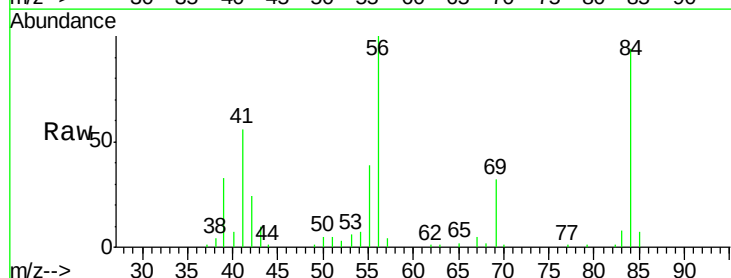
Tgt Ion: 56 Resp: 34233

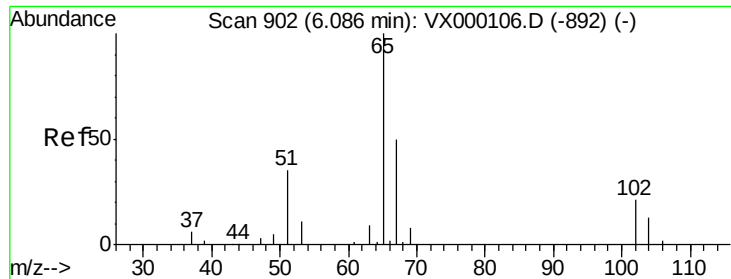
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.1 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 31.53 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tot Ion: 65 Resp: 40519

Ion Ratio Lower Upper

65 100

67 50.6 41.4 62.2

Instrument :

MSVOA_X

ClientSampleId :

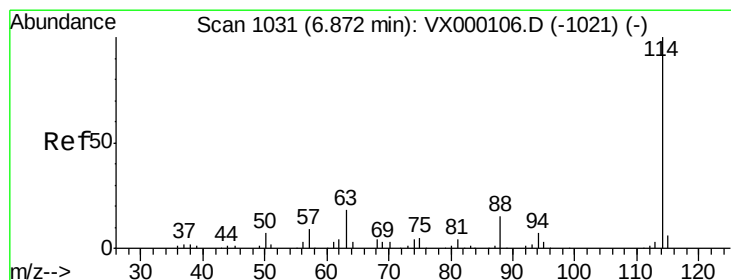
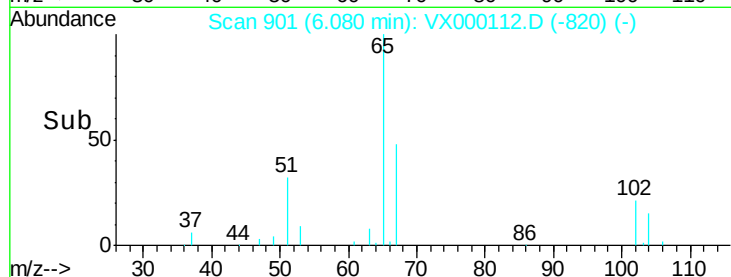
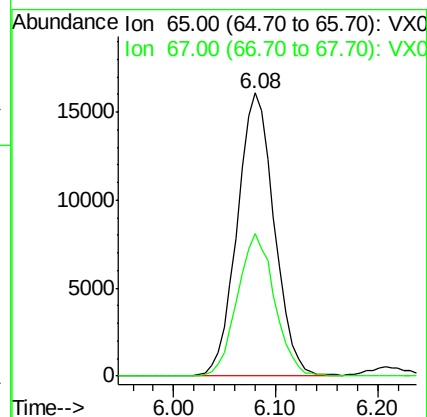
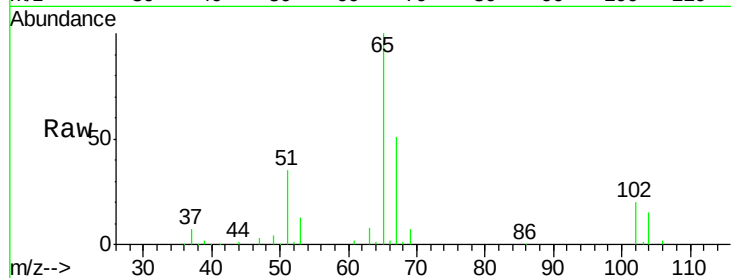
ICVVX022018

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#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

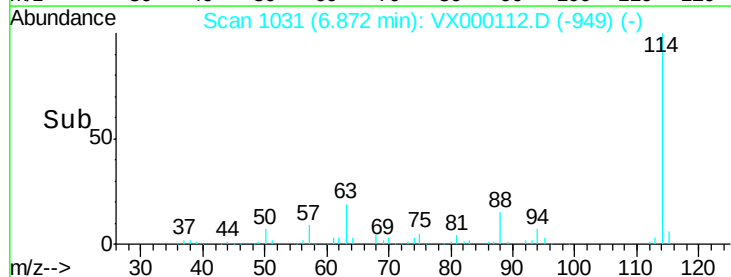
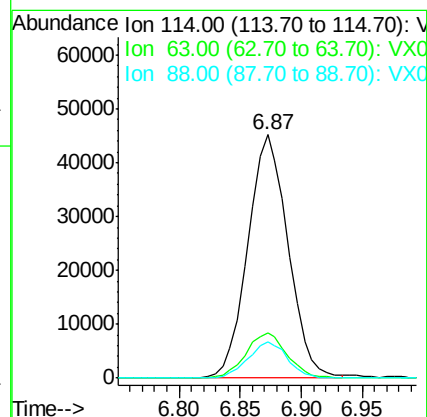
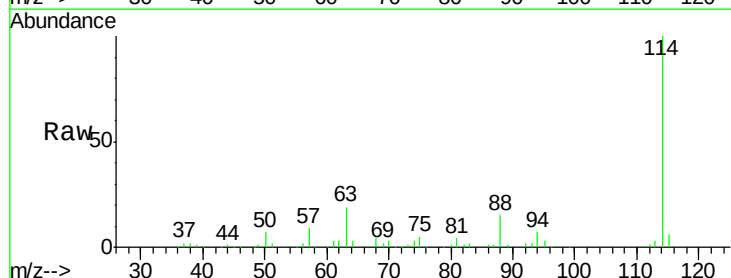
Tgt Ion: 114 Resp: 103267

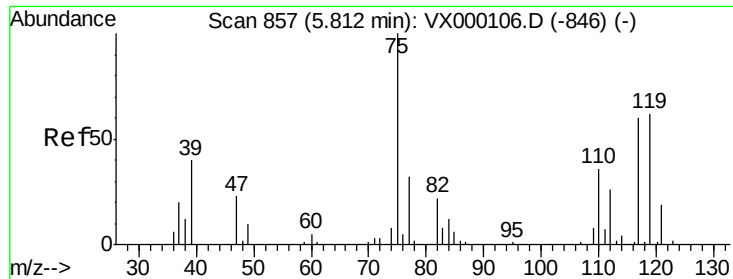
Ion Ratio Lower Upper

114 100

63 19.0 15.0 22.4

88 14.6 11.8 17.8





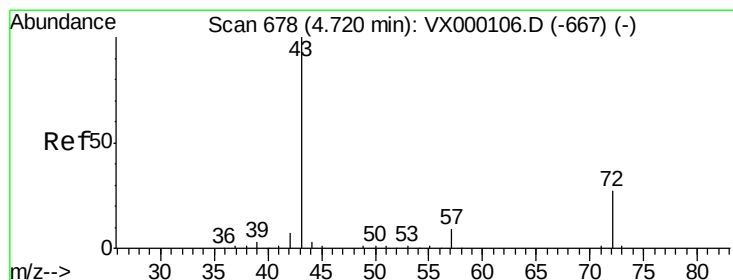
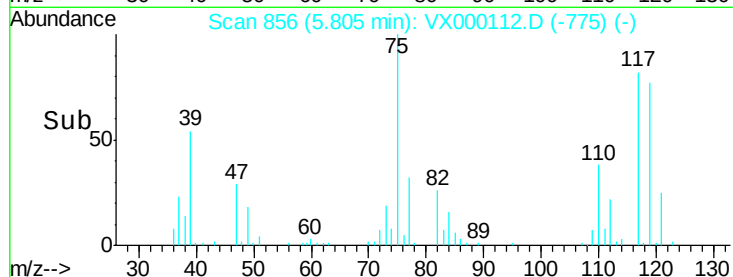
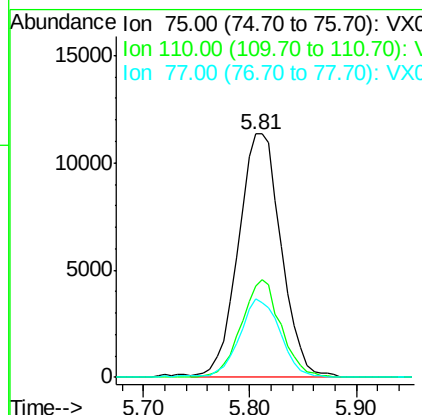
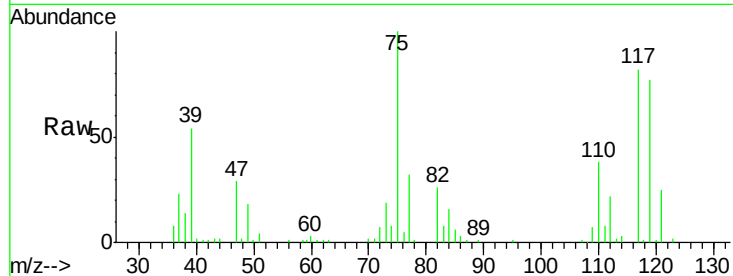
#29
 1,1-Dichloropropene
 Concen: 21.30 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX022018

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.9	0.0	75.6
77	30.2	0.0	62.6

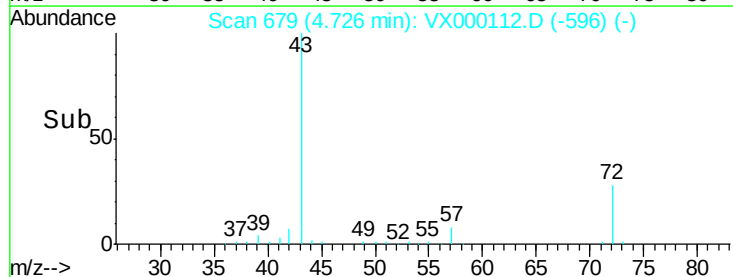
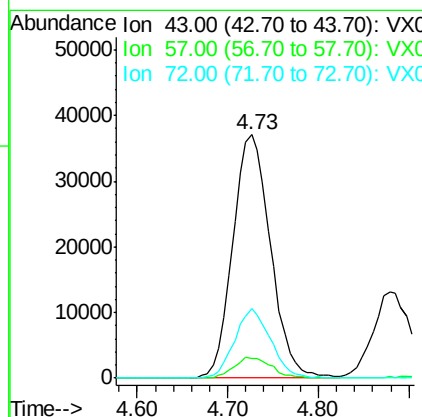
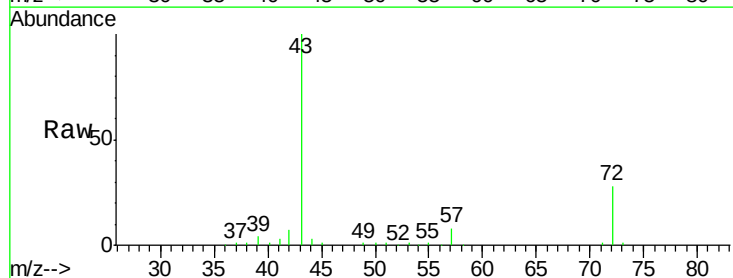
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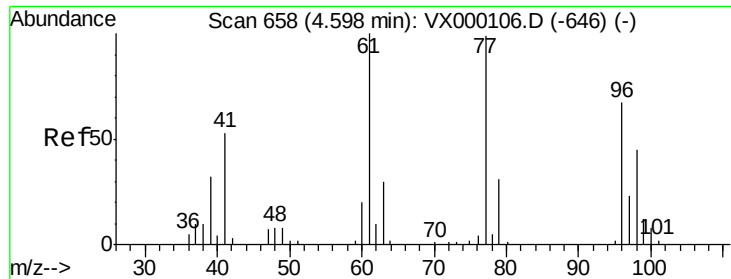
apatel
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#30
 2-Butanone
 Concen: 92.59 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	6.6	10.0
72	27.1	21.8	32.6





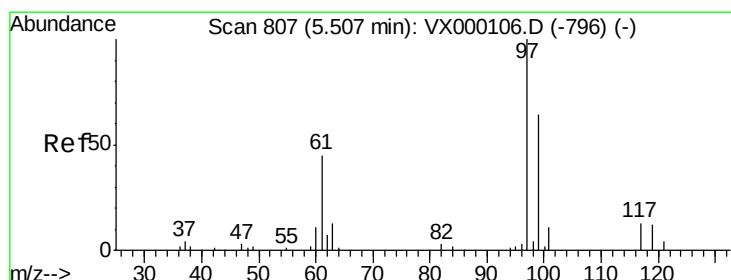
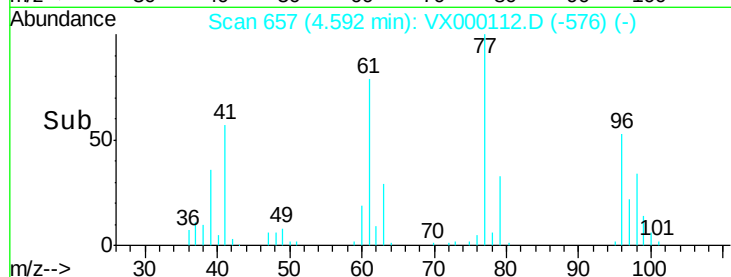
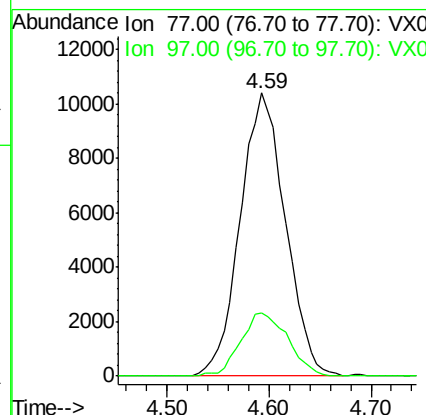
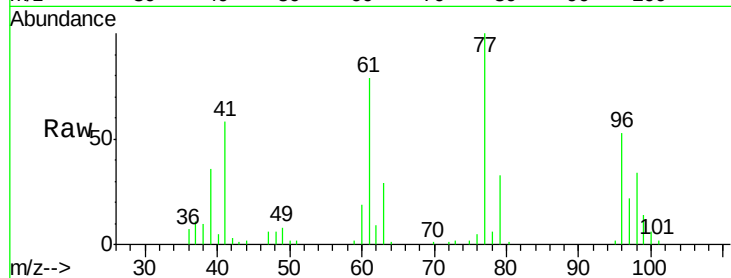
#31
 2,2-Dichloropropane
 Concen: 19.81 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX022018

Tot Ion: 77 Resp: 32038
 Ion Ratio Lower Upper
 77 100
 97 23.0 18.6 27.8

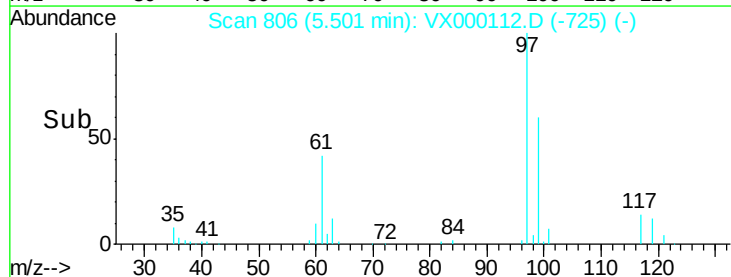
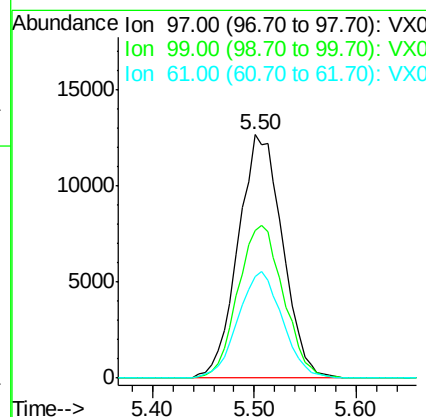
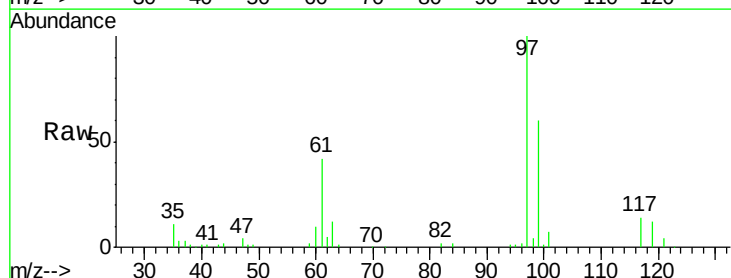
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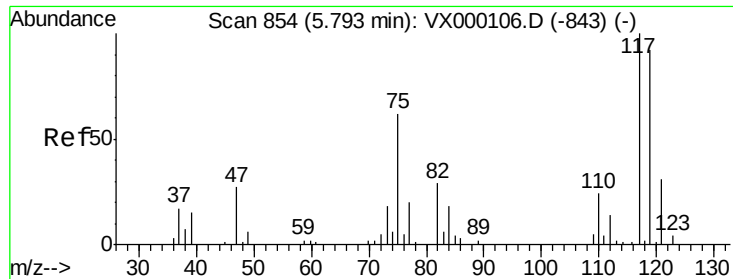
apatel
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#32
 1,1,1-Trichloroethane
 Concen: 21.00 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion: 97 Resp: 38210
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.3 78.5
 61 43.8 34.3 51.5





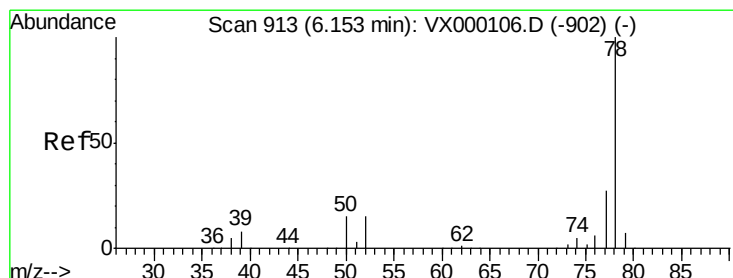
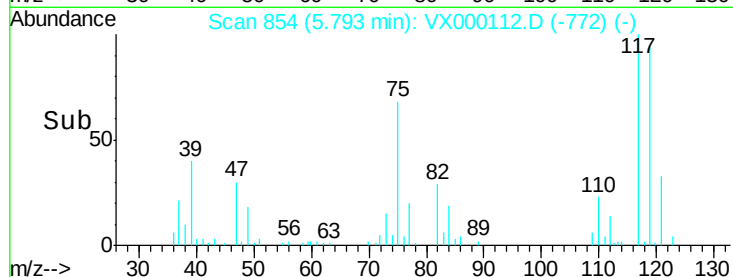
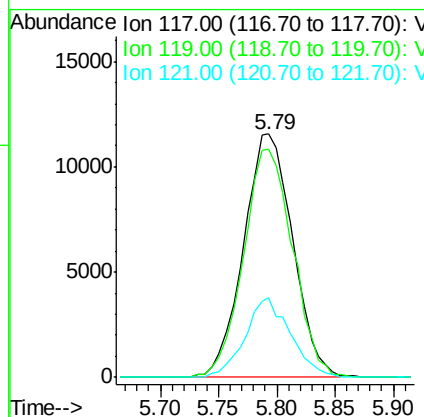
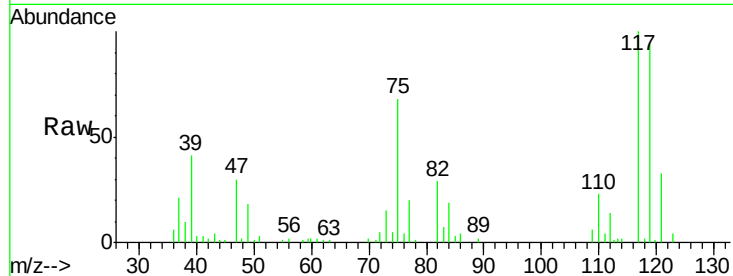
#33
Carbon Tetrachloride
Concen: 20.99 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.5	110.3
121	33.0	24.6	37.0

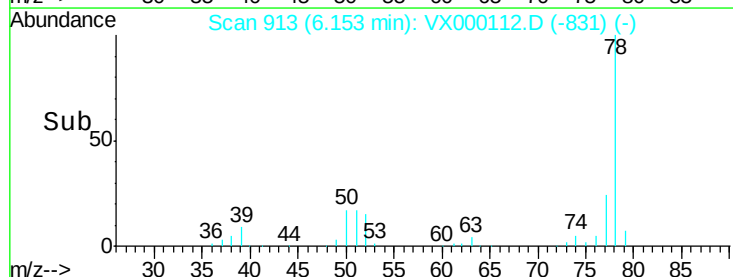
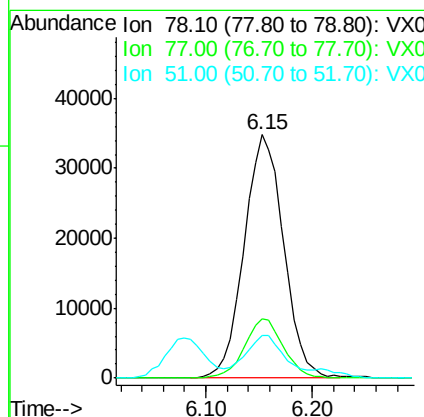
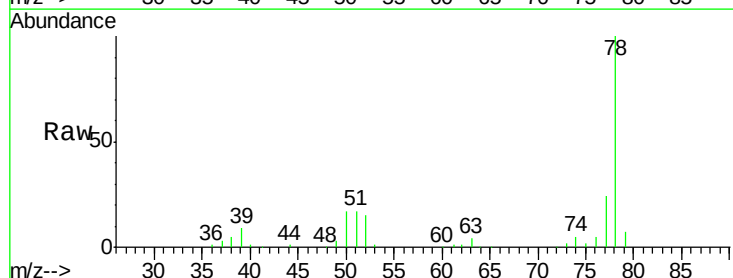
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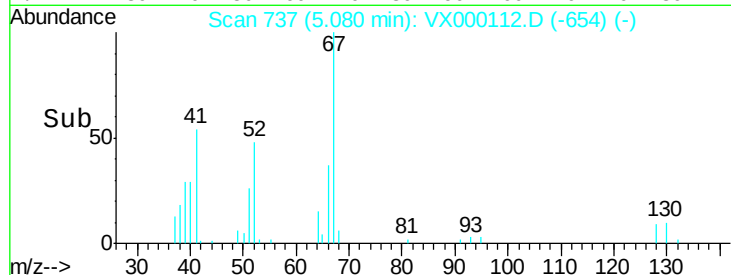
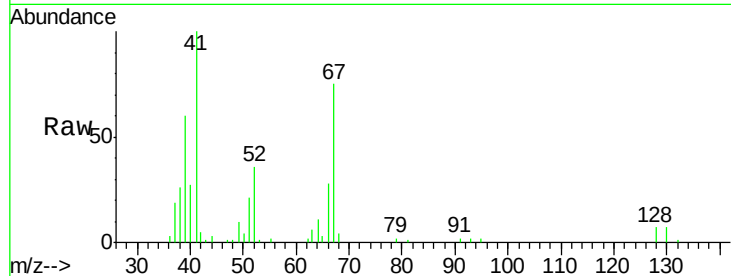
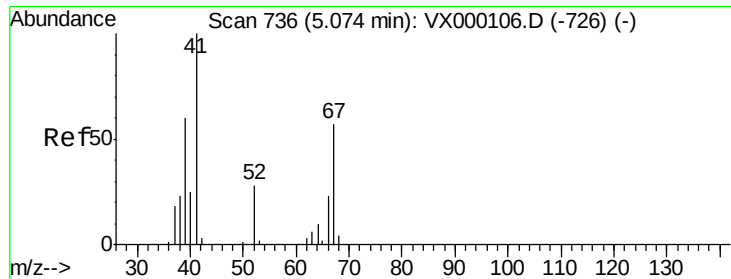
apatel
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#34
Benzene
Concen: 20.93 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	21.7	32.5
51	14.9	14.9	22.3





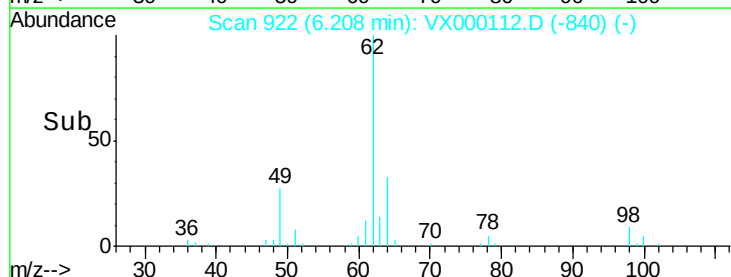
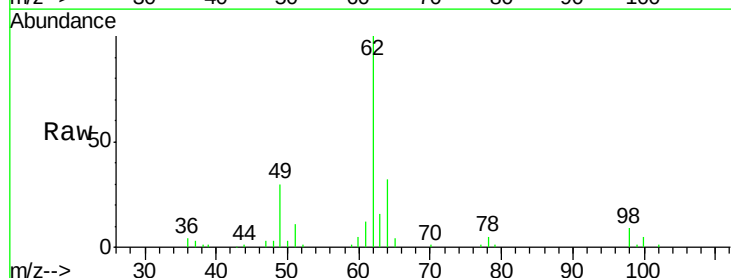
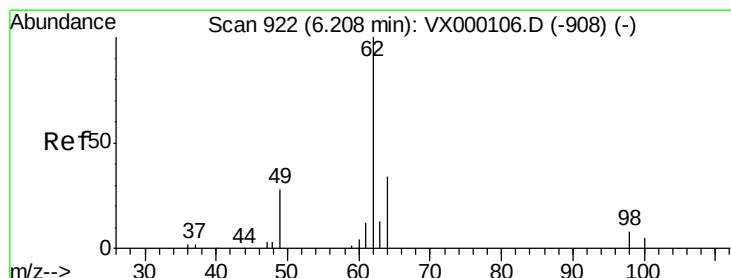
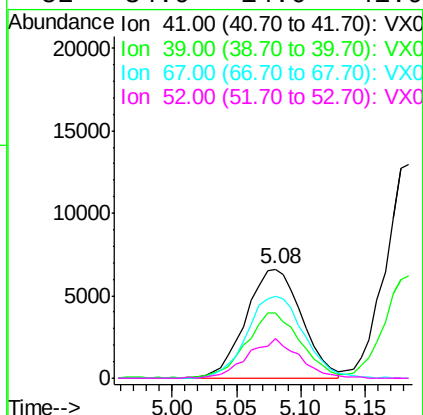
#35
Methacrylonitrile
Concen: 18.69 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tot Ion:	41	Resp:	19919
Ion Ratio	Lower	Upper	
41	100		
39	58.4	29.8	89.3
67	75.0	28.7	86.3
52	34.9	14.0	41.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

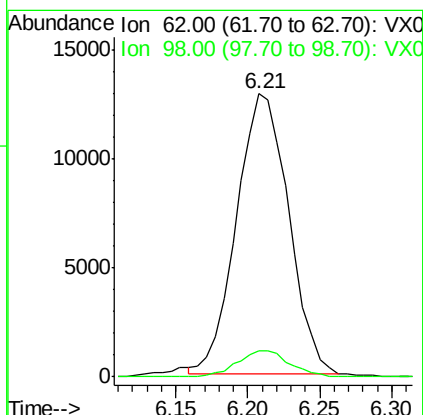
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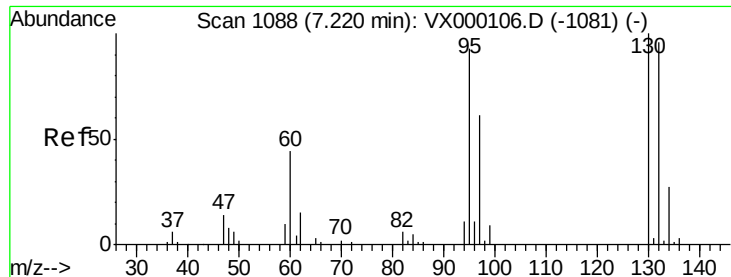
apatel
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#36
1,2-Dichloroethane
Concen: 19.63 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion:	62	Resp:	32207
Ion Ratio	Lower	Upper	
62	100		
98	9.4	6.9	10.3





#37

Trichloroethene

Concen: 20.37 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

ICVVX022018

Tot Ion:130 Resp: 26054

Ion Ratio Lower Upper

130 100

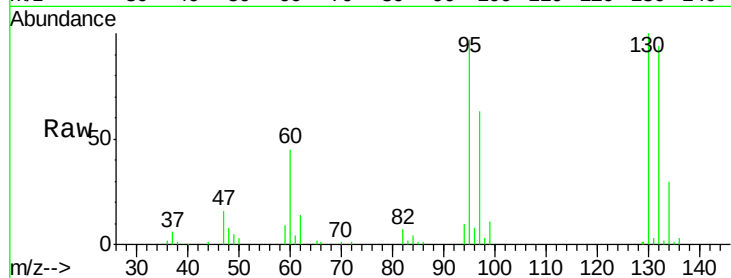
95 96.5 74.6 112.0

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

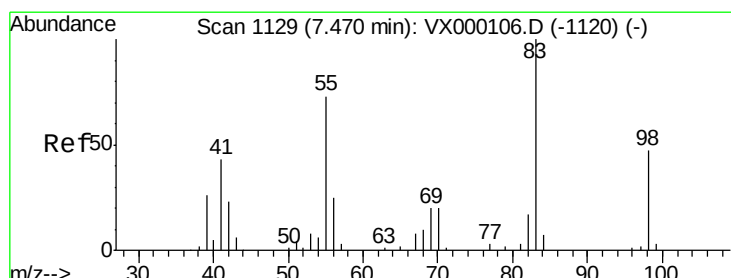
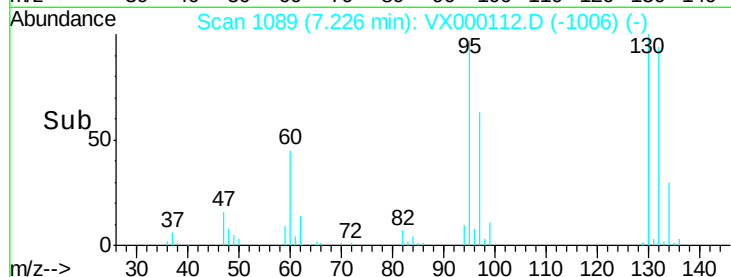
7.23

10000

5000

0

Time-->



#38

Methylcyclohexane

Concen: 21.13 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

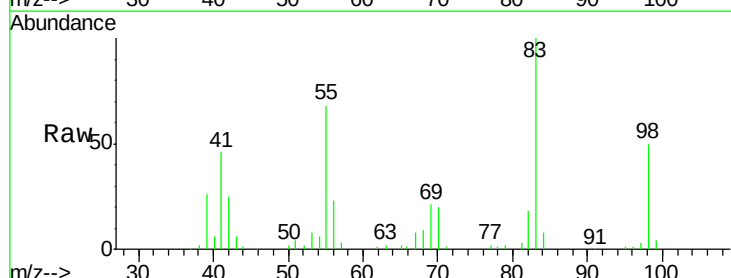
Tgt Ion: 83 Resp: 38101

Ion Ratio Lower Upper

83 100

55 70.7 35.9 107.7

98 48.2 24.6 74.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.47

20000

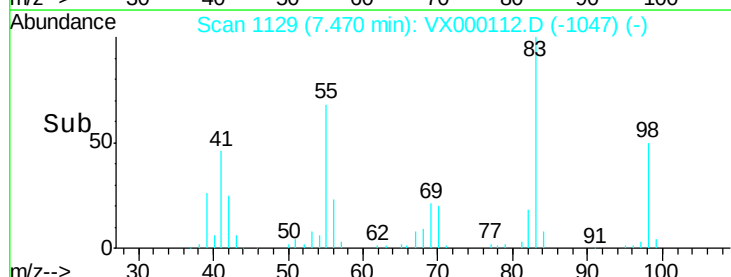
15000

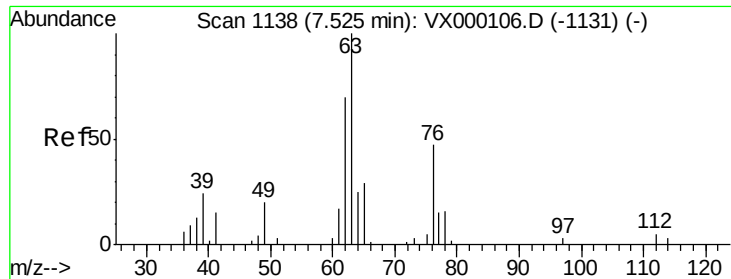
10000

5000

0

Time-->





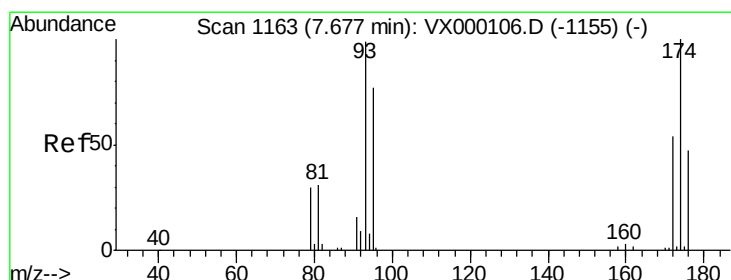
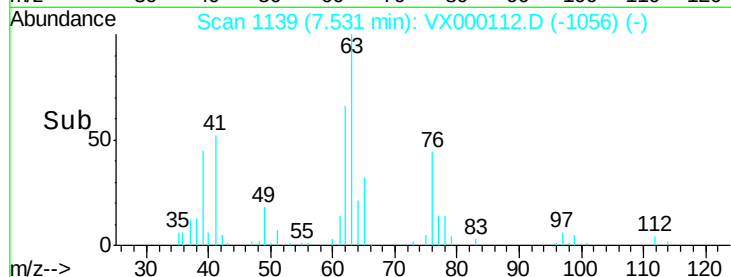
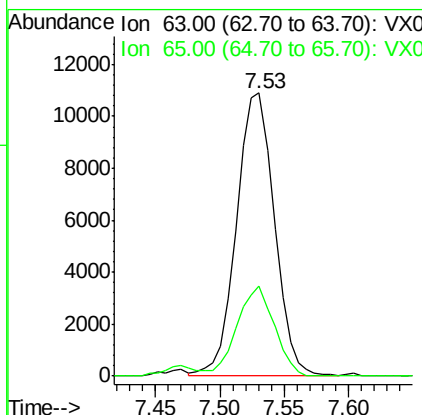
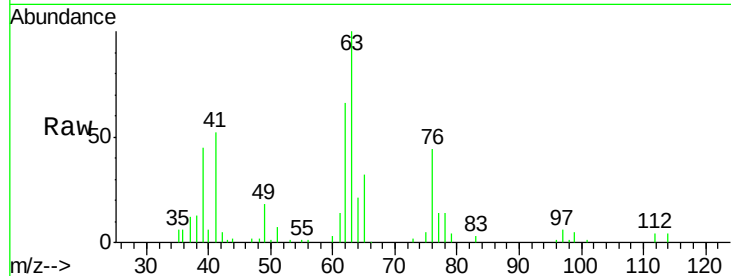
#39
 1,2-Dichloropropane
 Concen: 20.64 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX022018

Tot Ion: 63 Resp: 22297
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.6

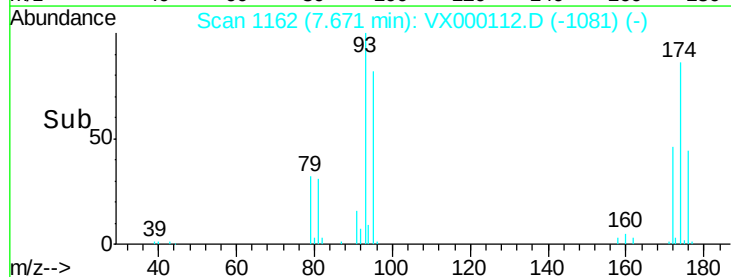
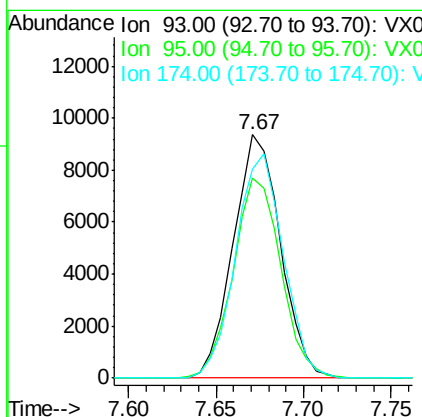
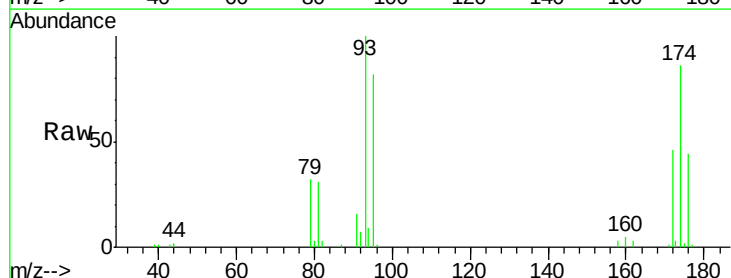
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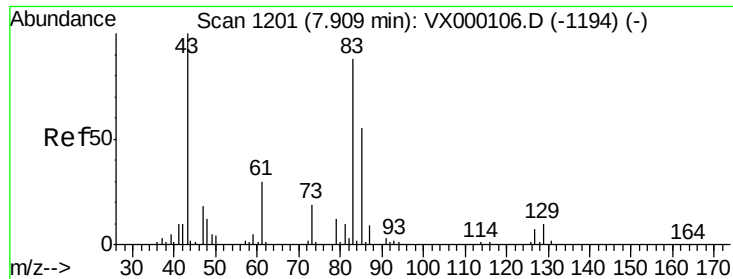
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#40
 Dibromomethane
 Concen: 21.14 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion: 93 Resp: 17593
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 170.6
 174 92.8 0.0 210.4





#41

Bromodichloromethane

Concen: 20.16 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

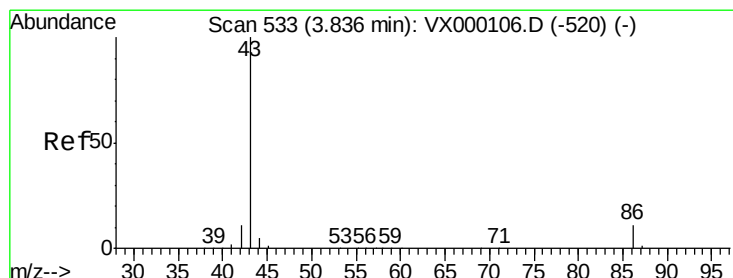
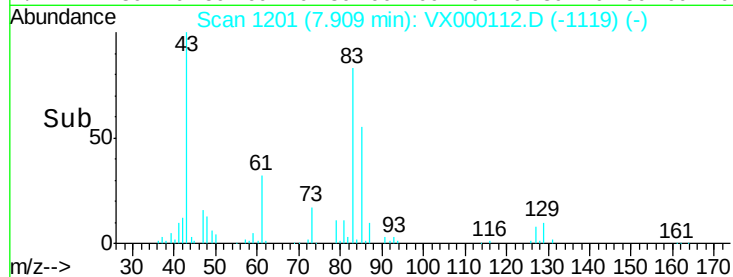
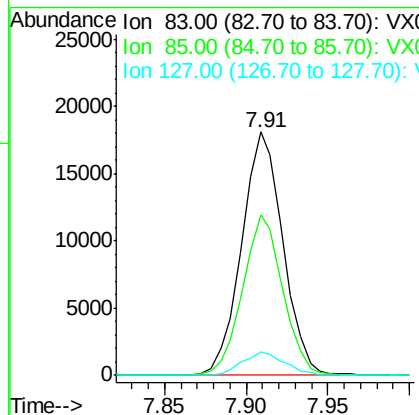
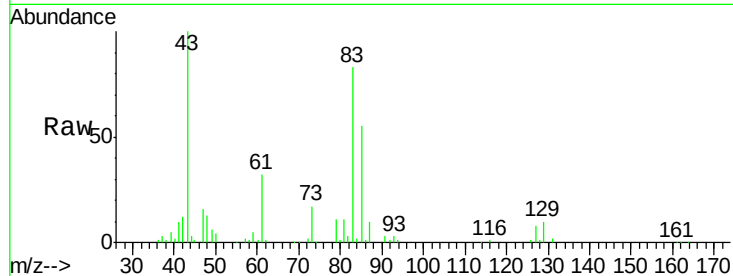
ClientSampleId :

ICVVX022018

Tot Ion:	83	Resp:	31899
Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.0	75.0
127	9.4	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 98.33 ug/l

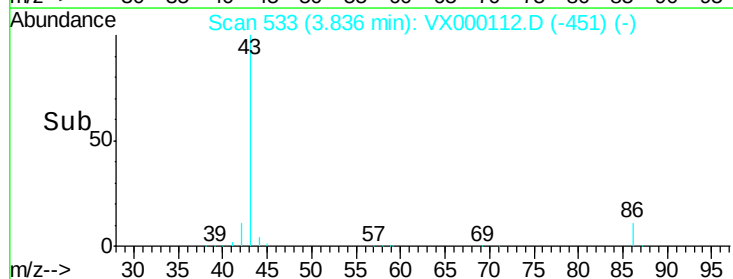
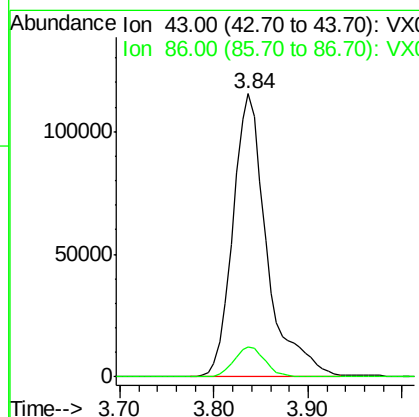
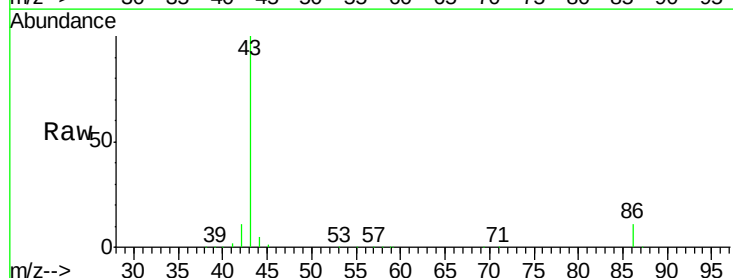
RT: 3.84 min Scan# 533

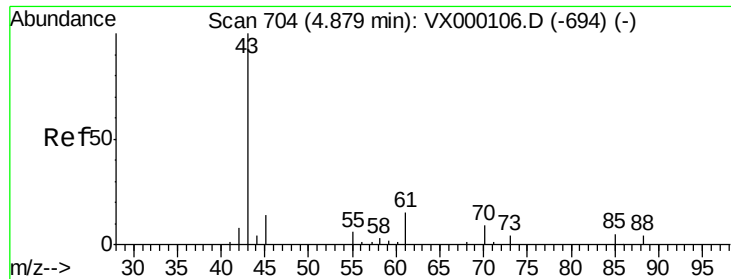
Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion:	43	Resp:	290128
Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.6





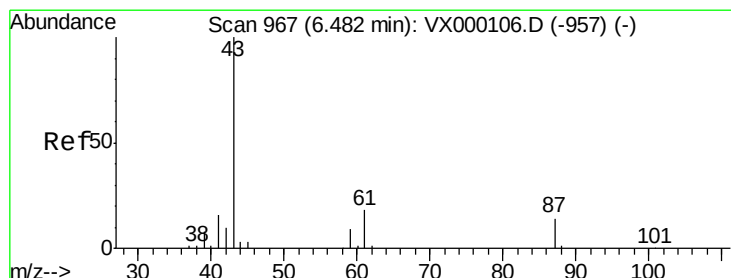
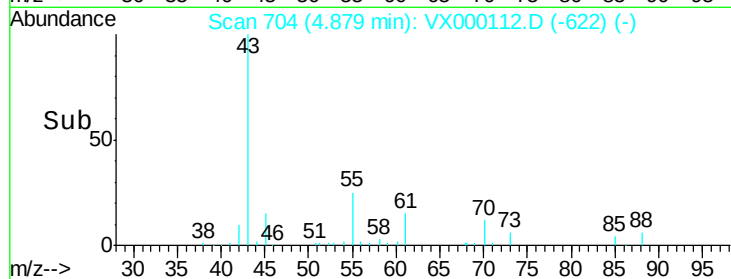
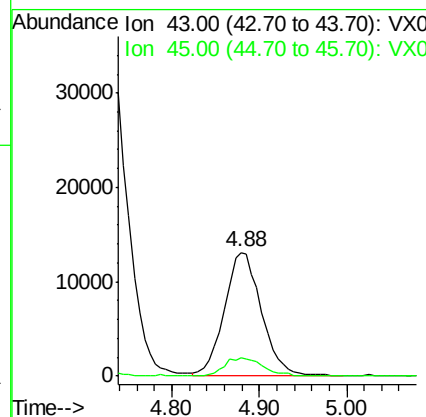
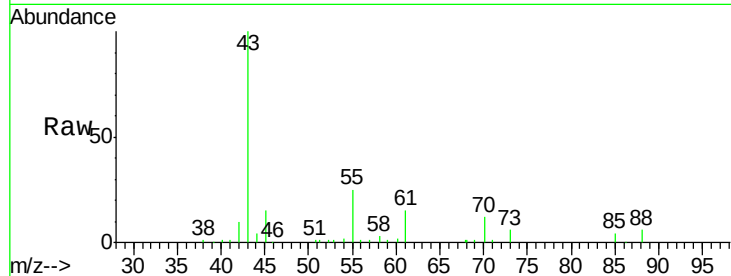
#43
Ethyl Acetate
Concen: 19.14 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	43	45	Ratio	Lower	Upper
38921	100	15.1		11.4	17.0

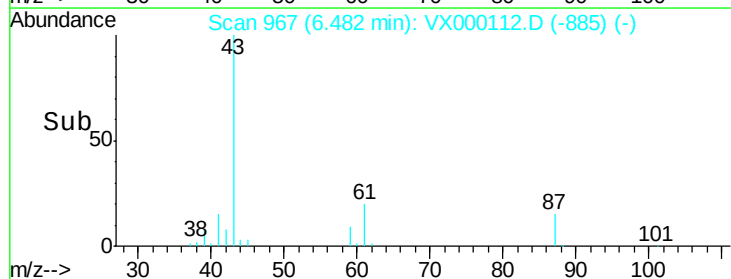
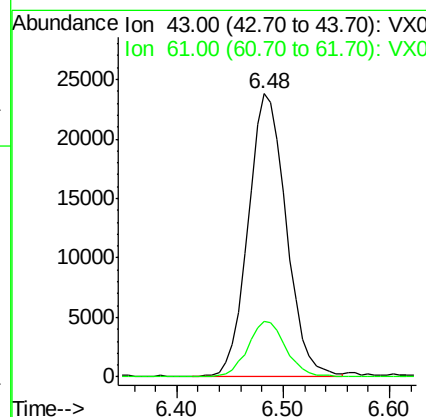
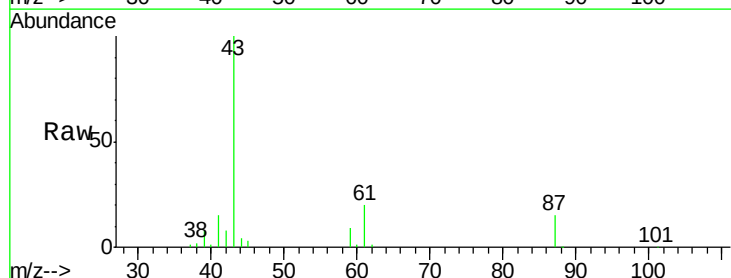
Manual Integrations
APPROVED

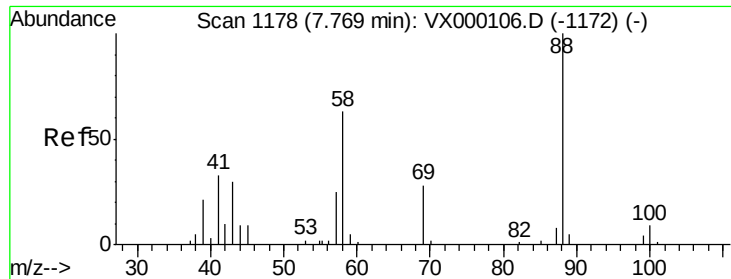
apatel
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#44
Isopropyl Acetate
Concen: 20.06 ug/l
RT: 6.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	43	61	Ratio	Lower	Upper
59853	100	19.5		15.7	23.5





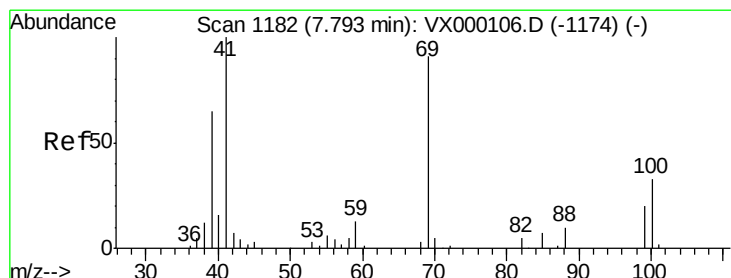
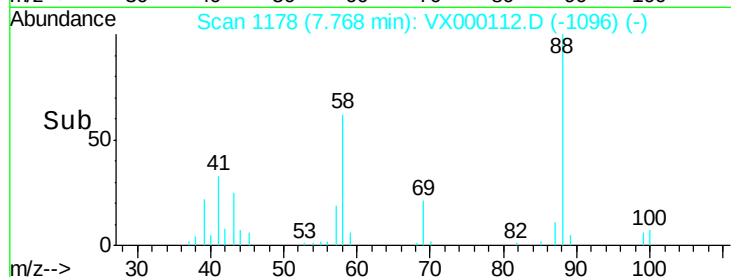
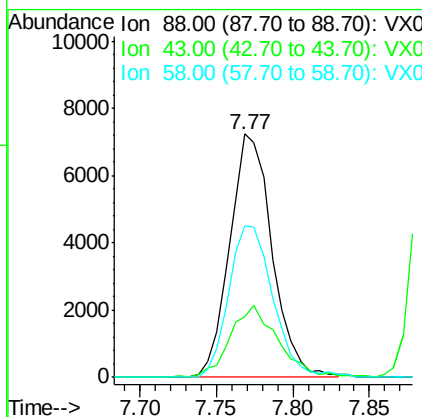
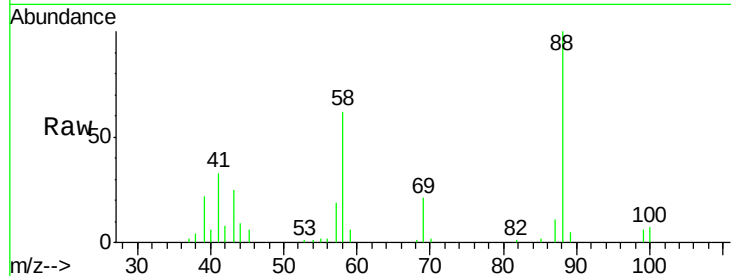
#45
1,4-Dioxane
Concen: 370.78 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.8	40.2
58	64.4	52.1	78.1

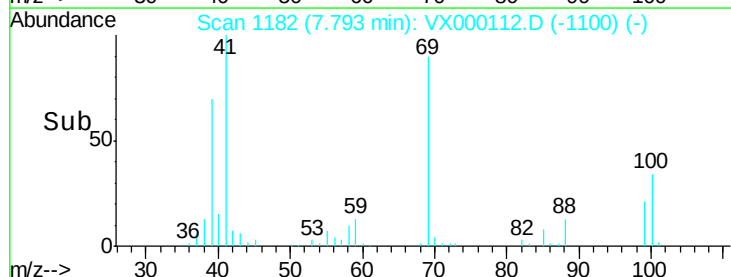
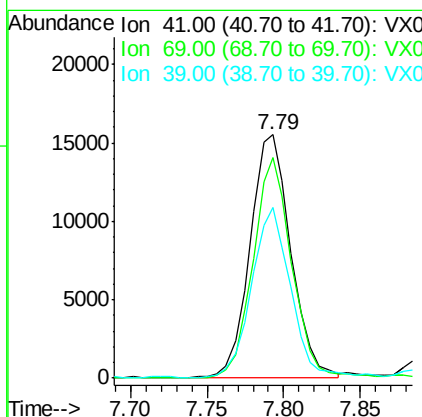
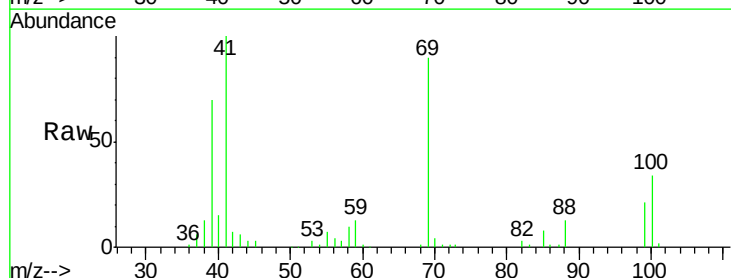
Manual Integrations
APPROVED

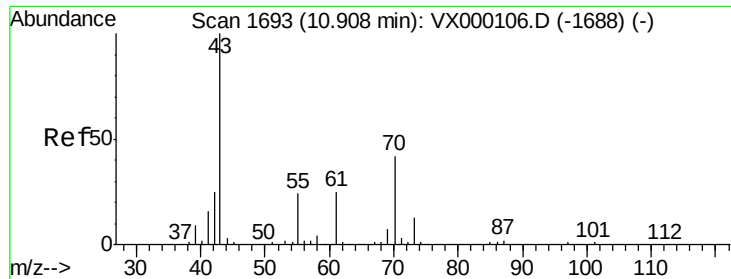
apatel
2/22/2018 4:04:43 PM



#46
Methyl methacrylate
Concen: 19.83 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.4	45.5	136.5
39	70.3	32.5	97.5





#47

n-amvl Acetate

Concen: 20.42 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022018

Tot Ion: 43 Resp: 53173

Ion Ratio Lower Upper

43 100

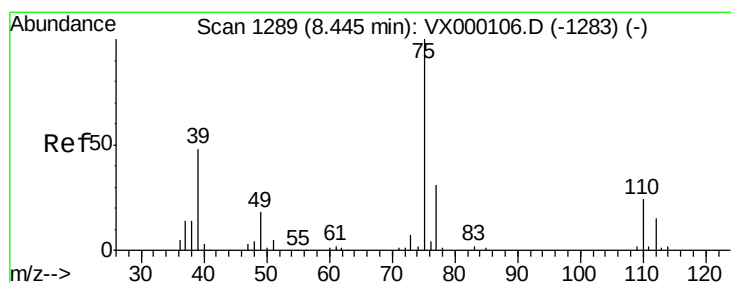
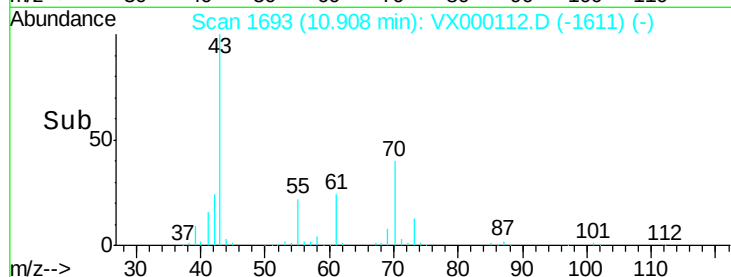
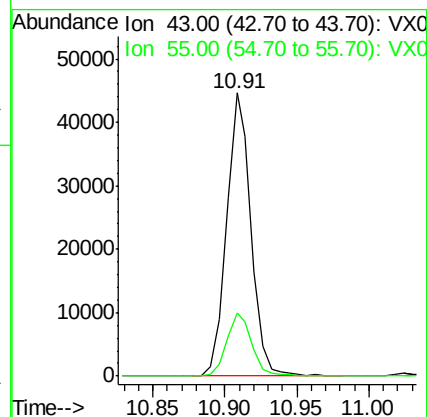
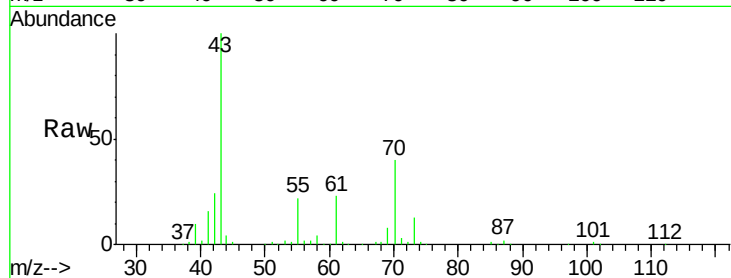
55 23.2 19.4 29.2

Manual Integrations

APPROVED

apatel

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#48

t-1,3-Dichloropropene

Concen: 19.95 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000112.D

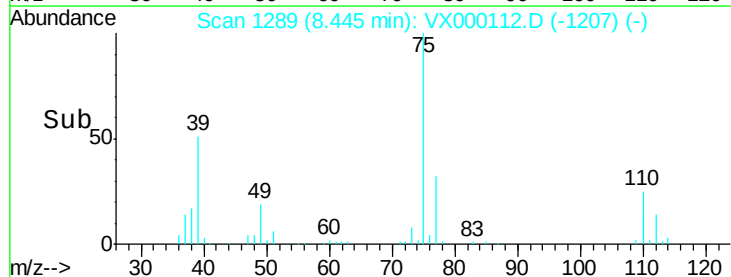
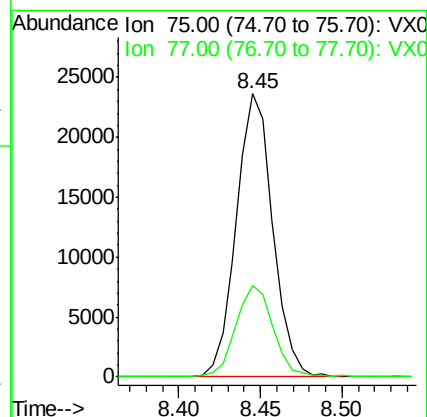
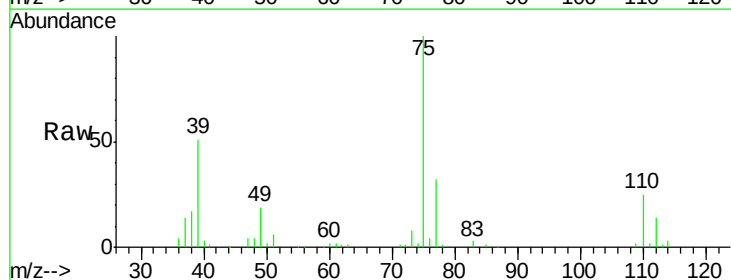
Acq: 20 Feb 2018 16:58

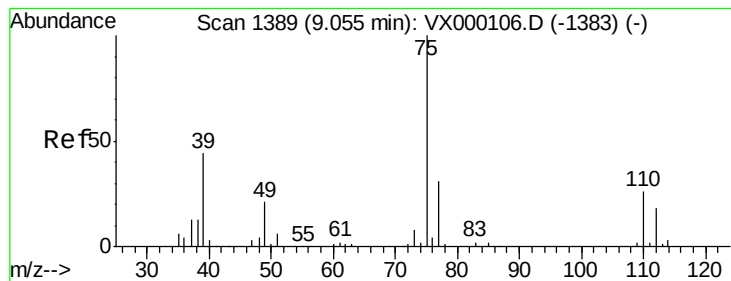
Tgt Ion: 75 Resp: 36742

Ion Ratio Lower Upper

75 100

77 32.3 24.6 37.0





#49

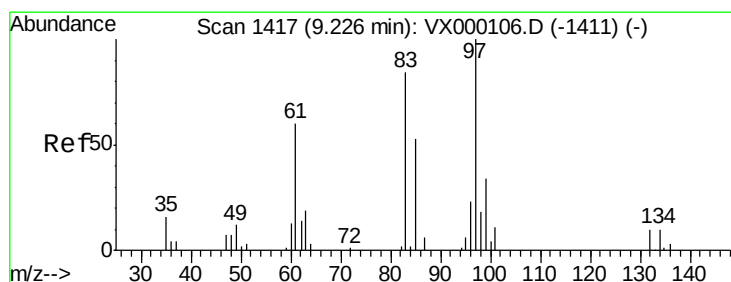
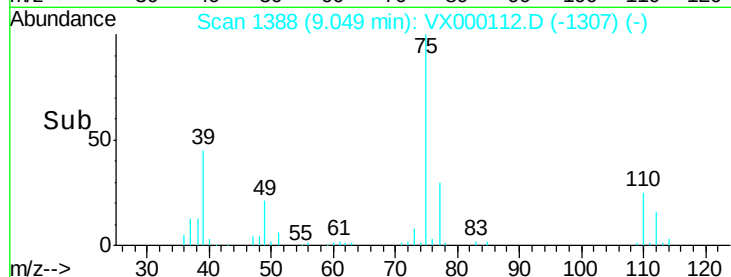
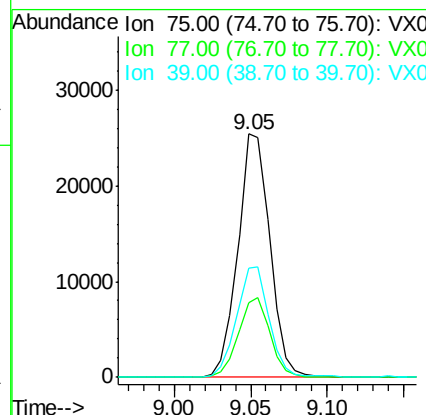
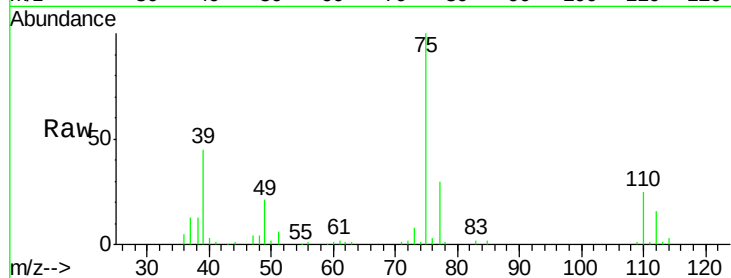
cis-1,3-Dichloropropene
Concen: 20.57 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.5	36.7
39	44.8	35.6	53.4

Manual Integrations
APPROVED

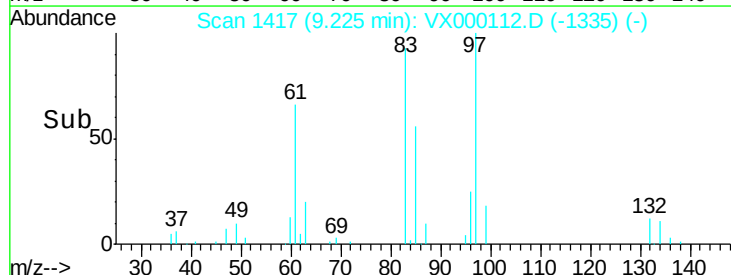
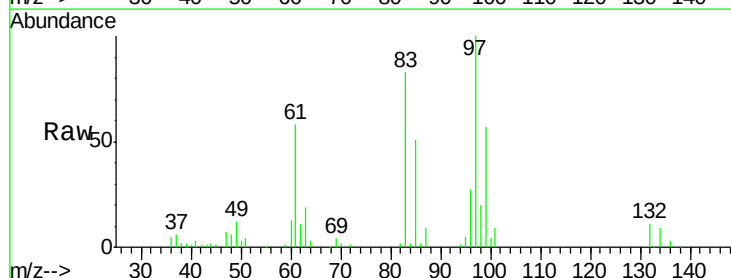
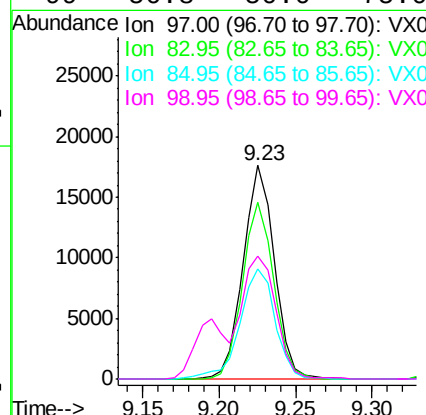
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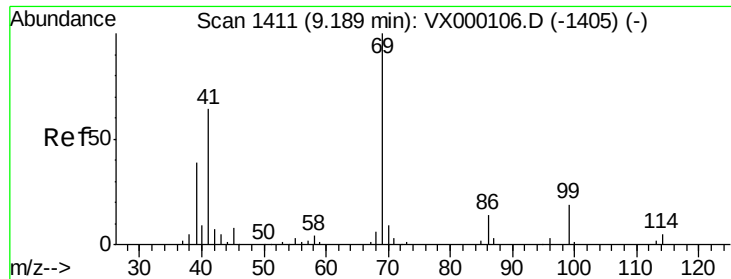


#50

1,1,2-Trichloroethane
Concen: 20.47 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.9	100.3
85	51.4	44.4	66.6
99	56.8	50.0	75.0





#51

Ethyl methacrylate

Concen: 20.35 ug/l

RT: 9.20 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

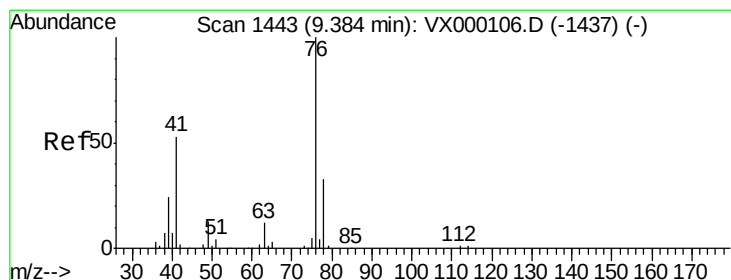
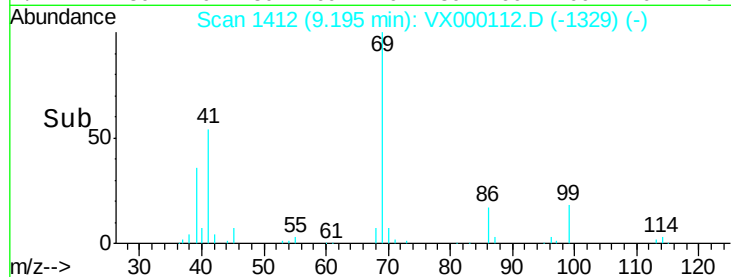
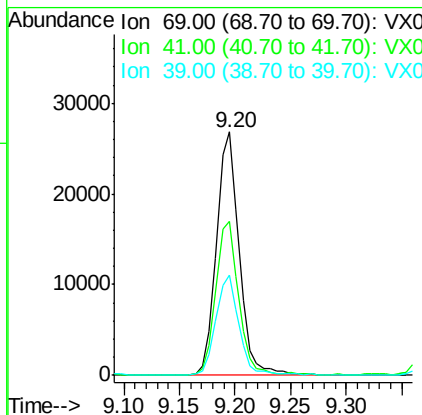
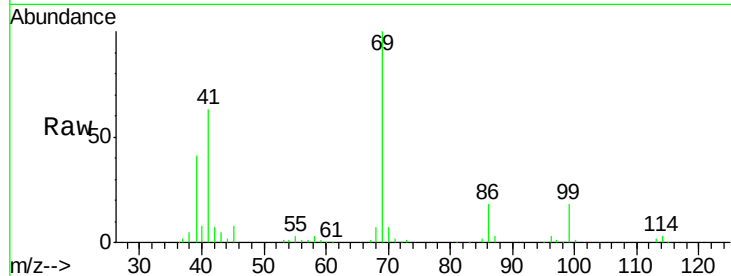
ClientSampleId :

ICVVX022018

Tot Ion:	69	Resp:	38104
Ion Ratio	Lower	Upper	
69	100		
41	63.2	32.1	96.3
39	41.4	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.90 ug/l

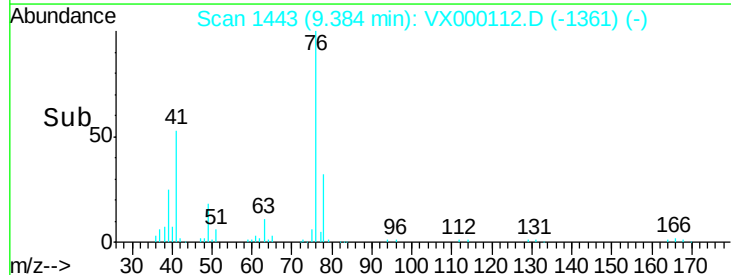
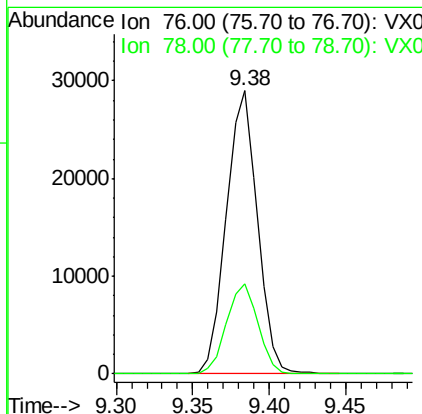
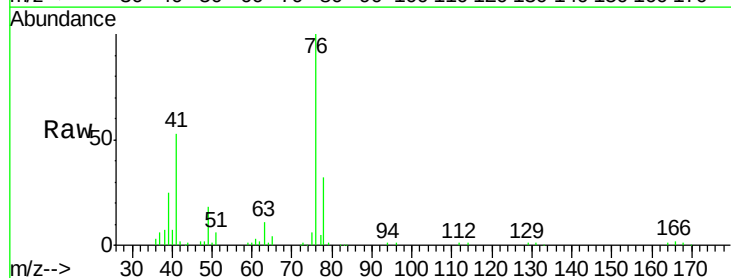
RT: 9.38 min Scan# 1443

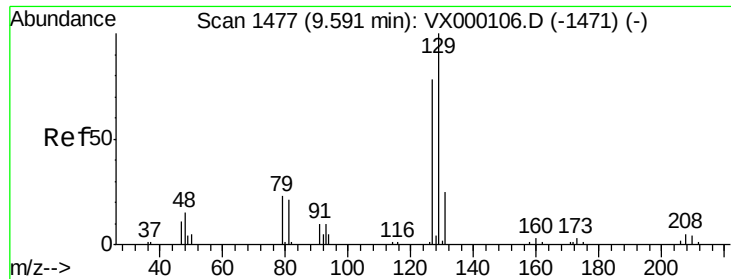
Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion:	76	Resp:	40979
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	65.0





#53

Dibromochloromethane

Concen: 20.05 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022018

Tot Ion:129 Resp: 27267

Ion Ratio Lower Upper

129 100

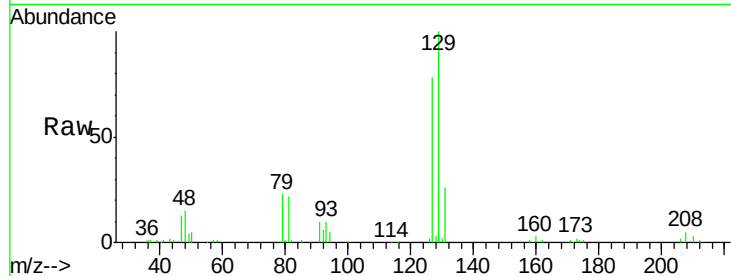
127 78.0 37.5 112.5

Manual Integrations

APPROVED

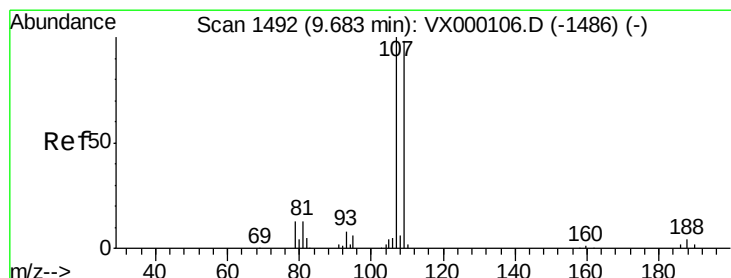
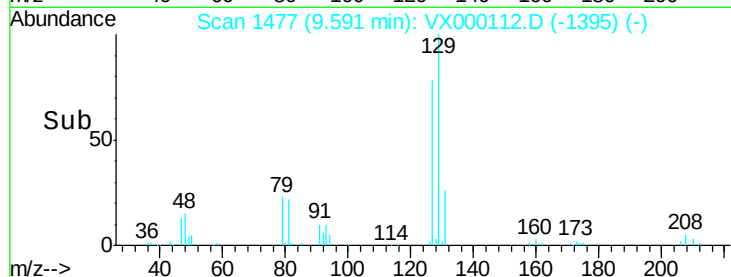
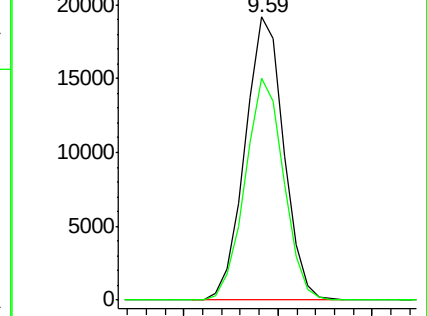
apatel

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.23 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000112.D

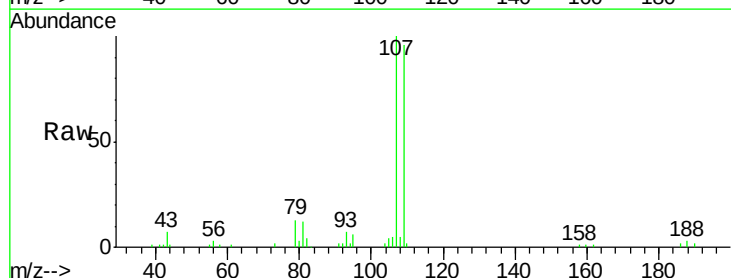
Acq: 20 Feb 2018 16:58

Tgt Ion:107 Resp: 27560

Ion Ratio Lower Upper

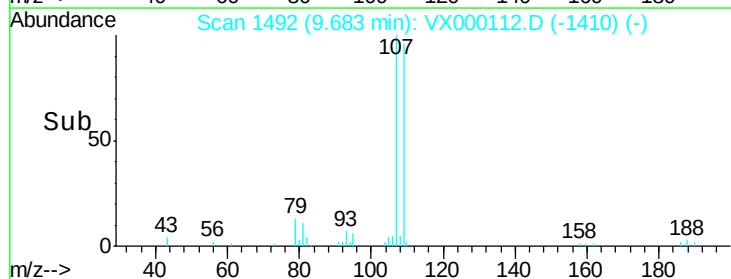
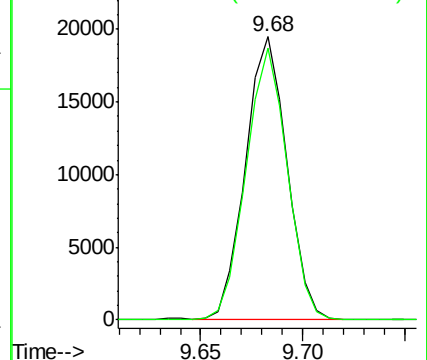
107 100

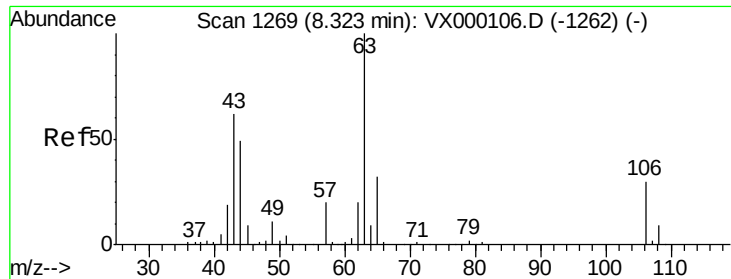
109 95.1 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





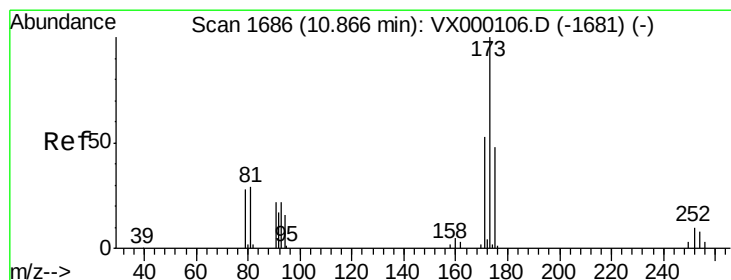
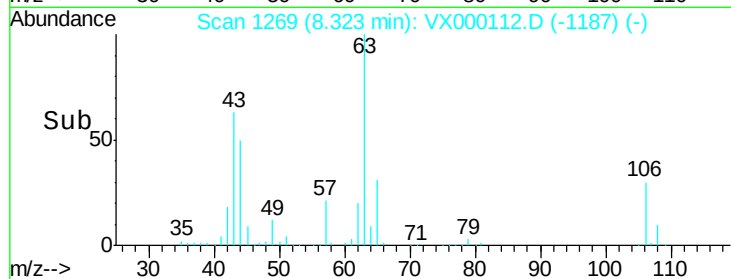
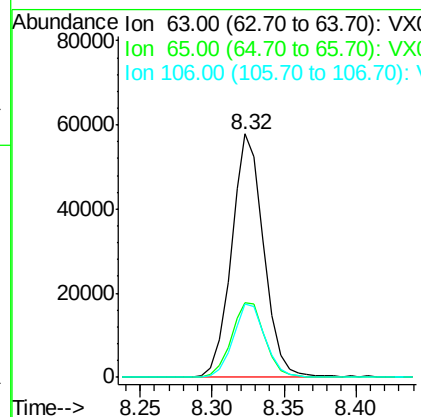
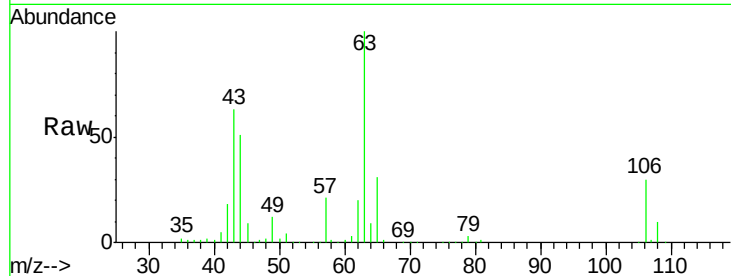
#55
2-Chloroethyl vinyl ether
Concen: 110.04 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.8	38.8
106	30.2	23.8	35.6

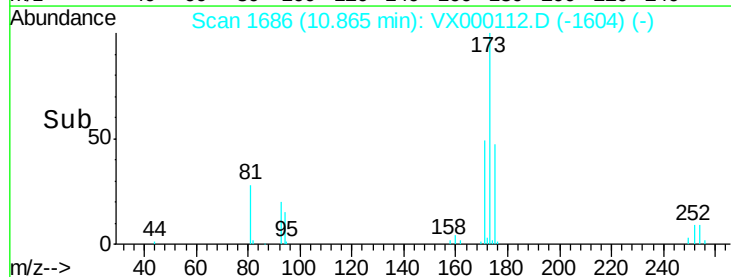
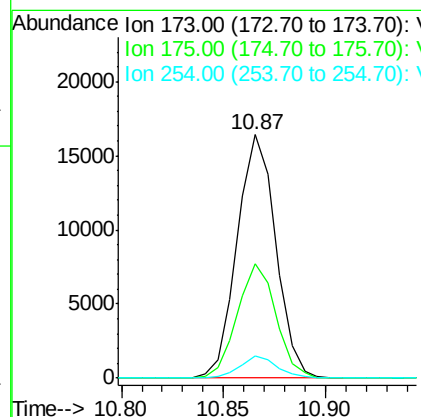
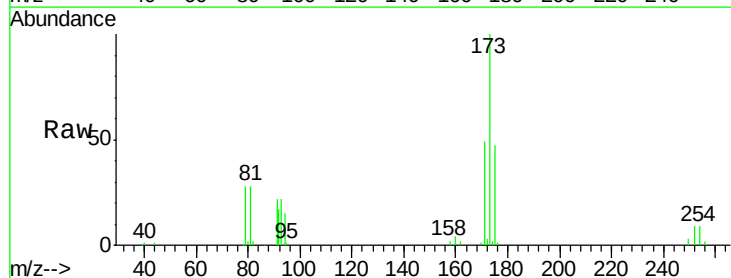
Manual Integrations
APPROVED

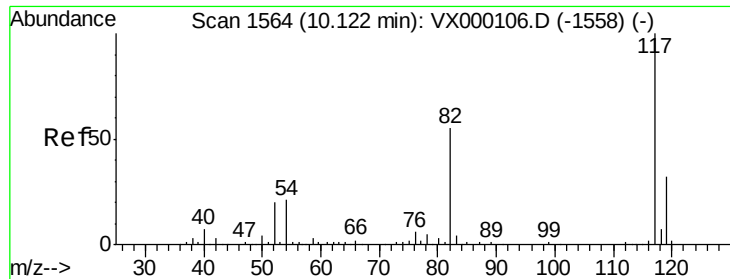
apatel
2/22/2018 4:04:43 PM



#56
Bromoform
Concen: 19.62 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.7	39.0	58.4
254	8.7	7.0	10.4





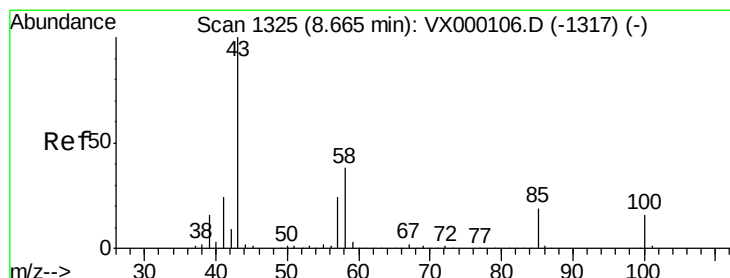
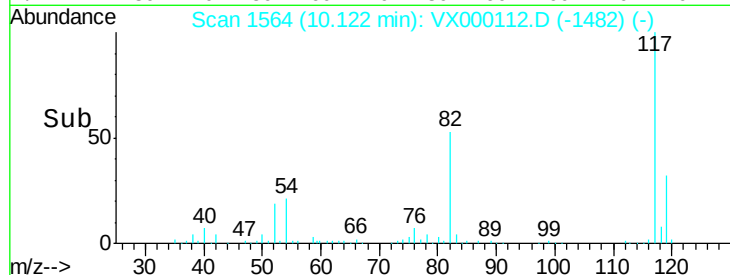
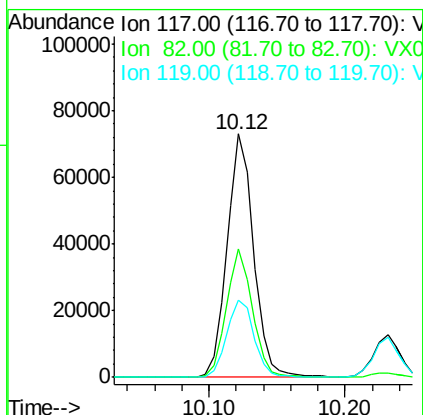
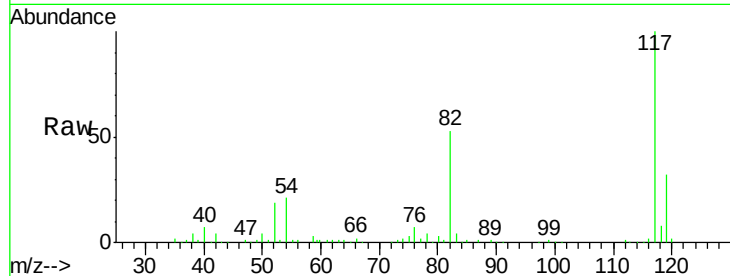
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.0	64.4
119	32.8	25.8	38.8

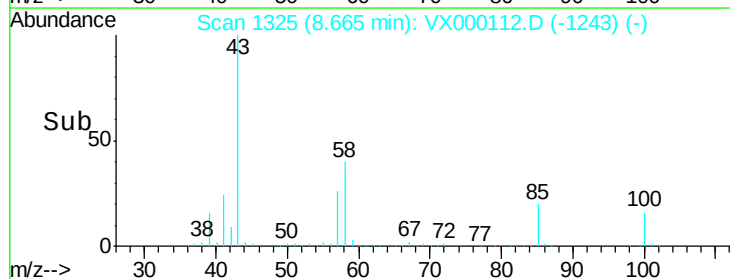
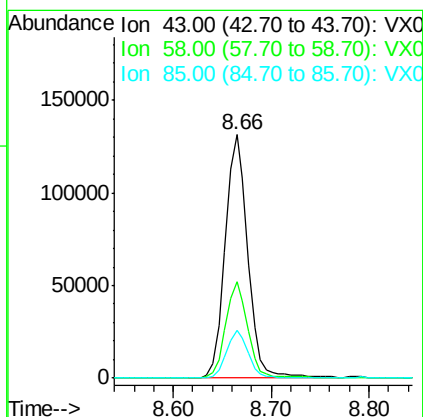
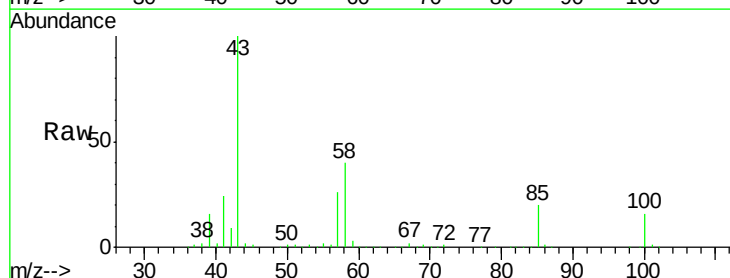
Manual Integrations
APPROVED

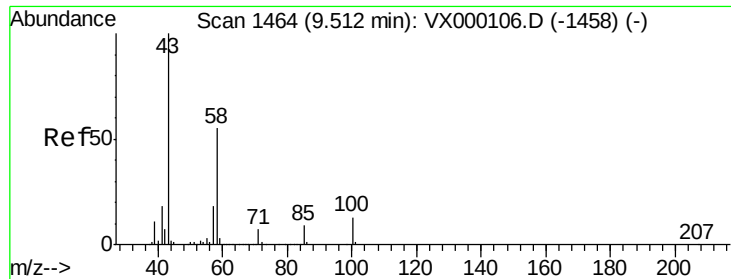
apatel
2/22/2018 4:04:43 PM



#58
4-Methyl-2-Pentanone
Concen: 97.67 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.2	29.8	44.8
85	18.8	14.9	22.3





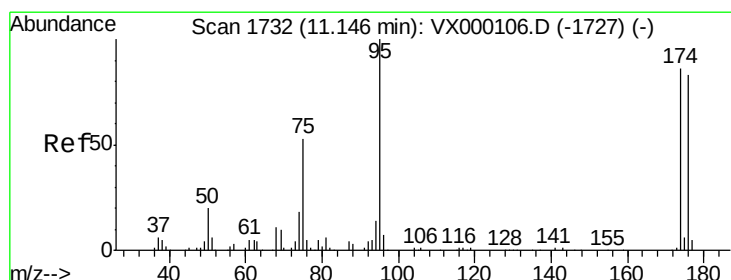
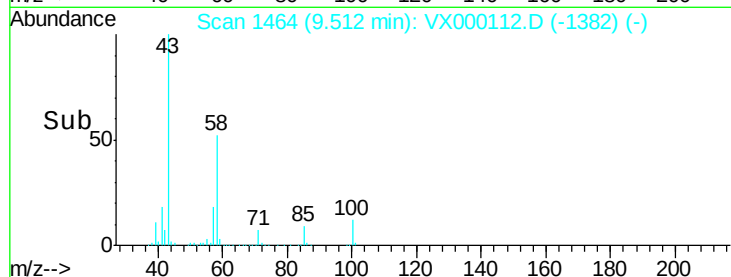
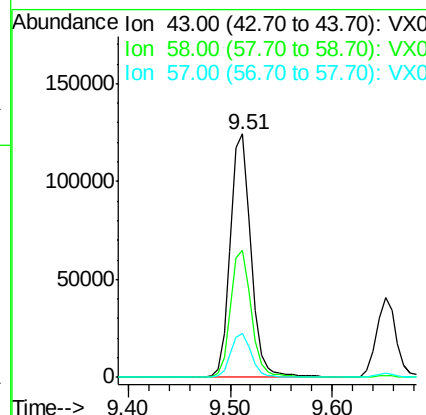
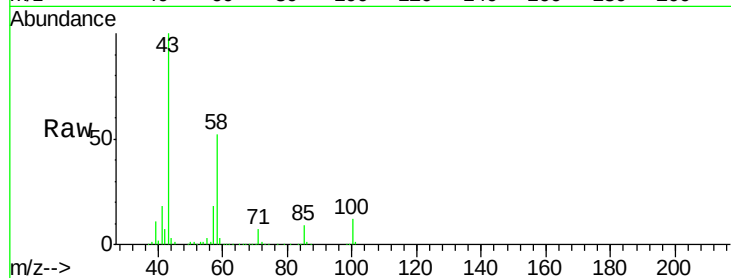
#59
2-Hexanone
Concen: 95.43 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Resp	Lower	Upper
43	100	175196		
58	52.2		43.0	64.6
57	18.0		14.4	21.6

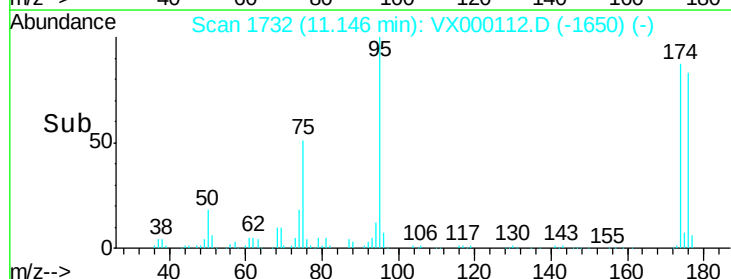
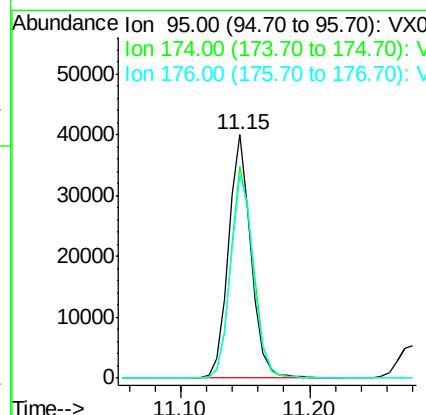
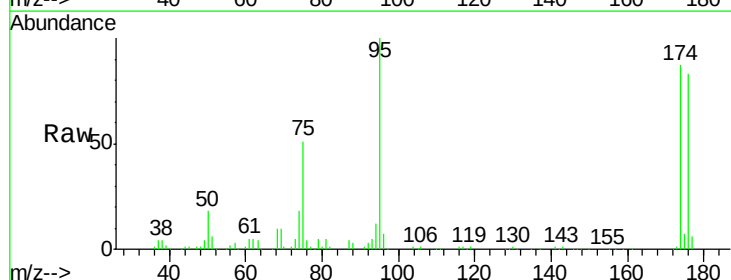
Manual Integrations
APPROVED

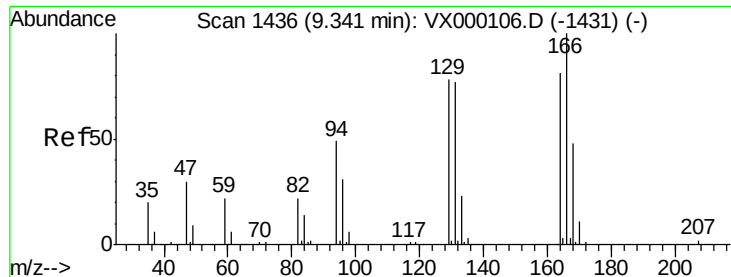
apatel
2/22/2018 4:04:43 PM



#60
4-Bromofluorobenzene
Concen: 30.44 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	49297		
174	87.2		71.1	106.7
176	85.3		69.3	103.9





#61

Tetrachloroethene

Concen: 20.62 ug/l

RT: 9.35 min Scan# 1437

Delta R.T. 0.01 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

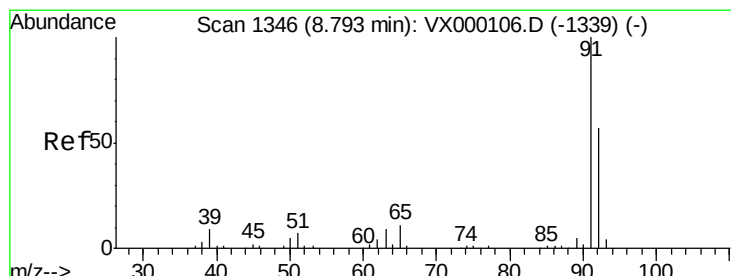
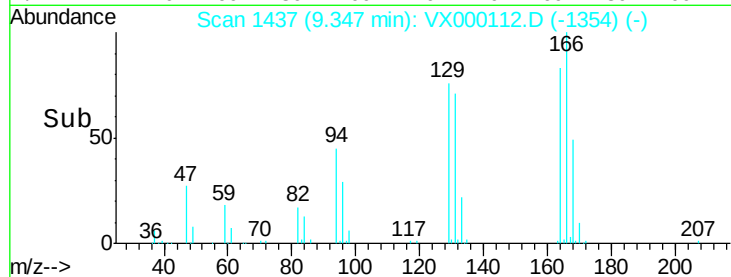
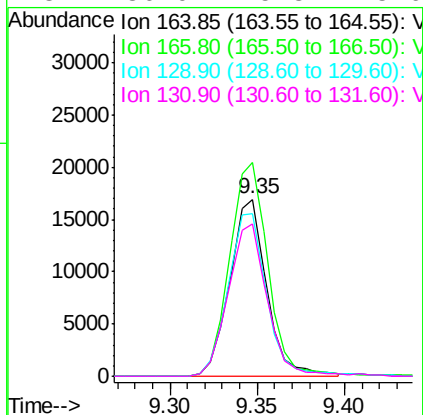
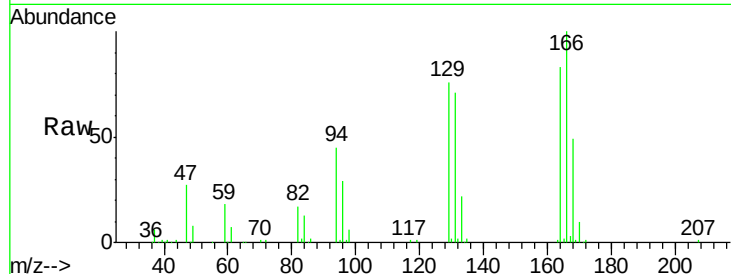
ClientSampleId :

ICVVX022018

Tot Ion:	164	Resp:	24779
Ion	Ratio	Lower	Upper
164	100		
166	120.7	99.0	148.4
129	91.7	77.0	115.6
131	86.0	75.8	113.6

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#62

Toluene

Concen: 20.78 ug/l

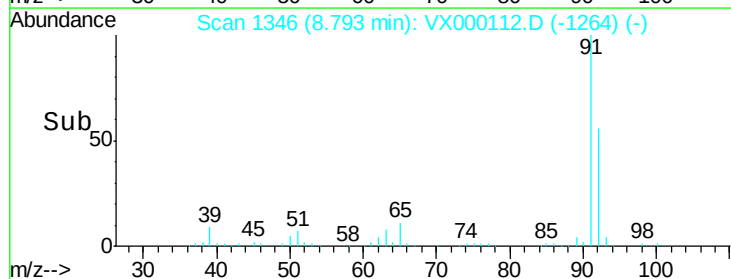
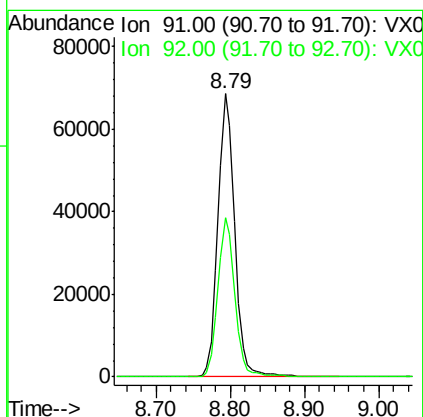
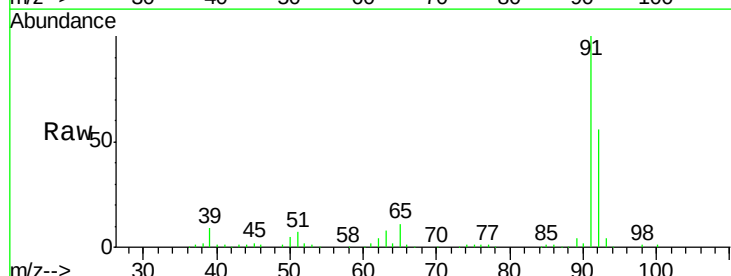
RT: 8.79 min Scan# 1346

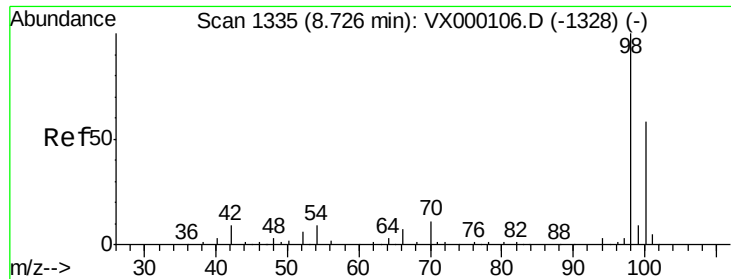
Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion:	91	Resp:	107040
Ion	Ratio	Lower	Upper
91	100		
92	56.3	45.4	68.0





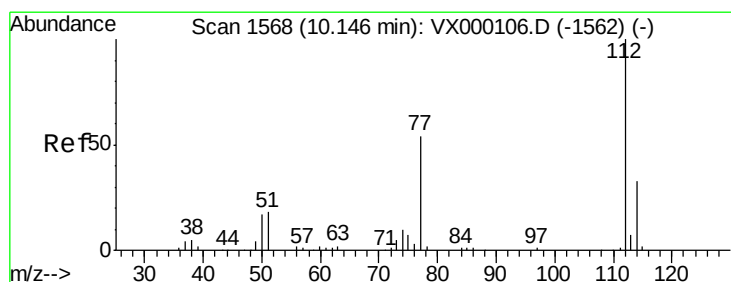
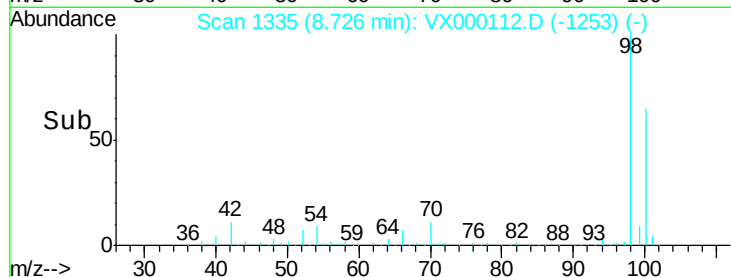
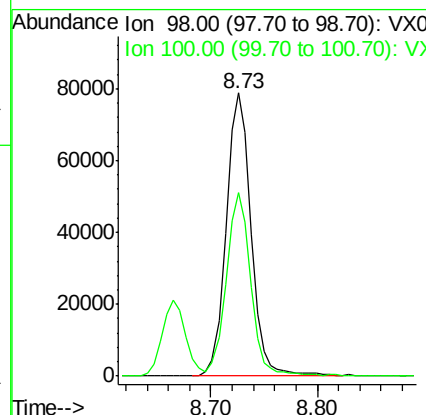
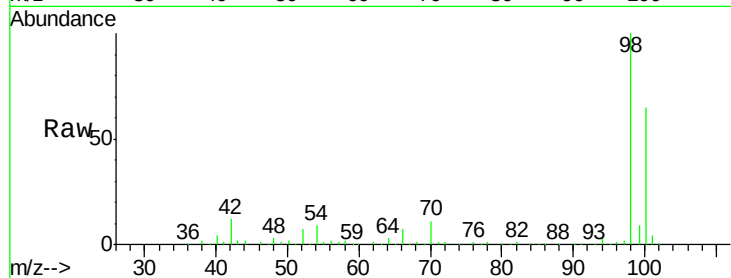
#63
Toluene-d8
Concen: 30.33 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion: 98 Resp: 128599
Ion Ratio Lower Upper
98 100
100 61.1 50.0 75.0

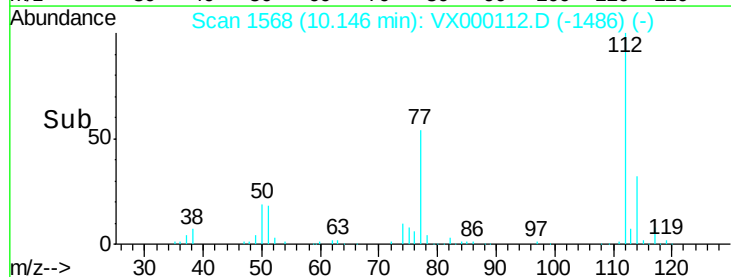
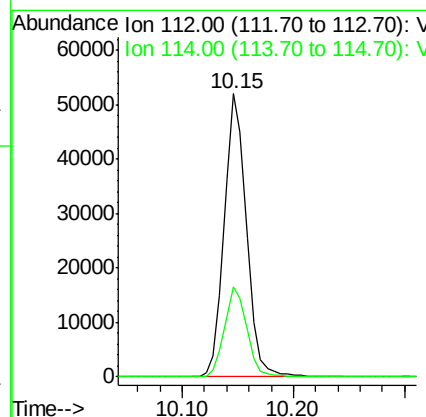
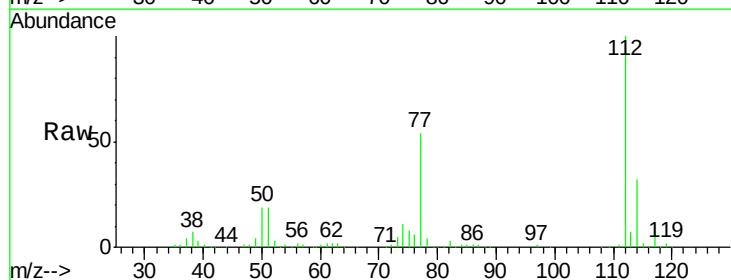
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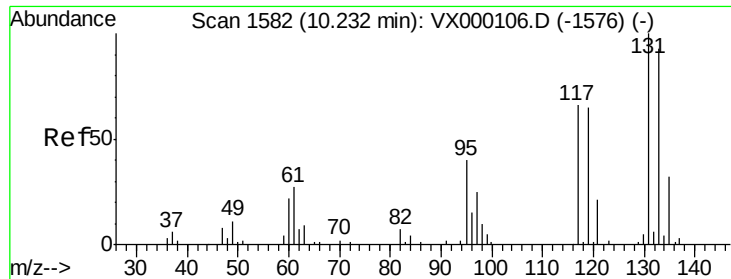
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#64
Chlorobenzene
Concen: 20.64 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion: 112 Resp: 71839
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.67 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

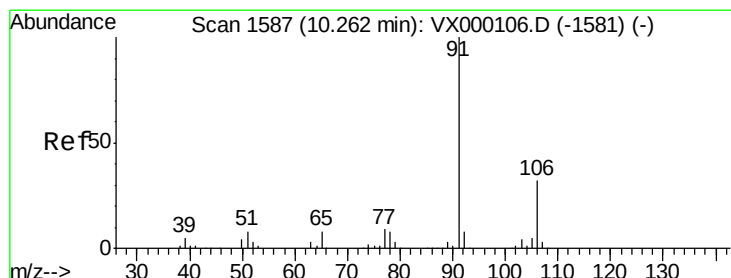
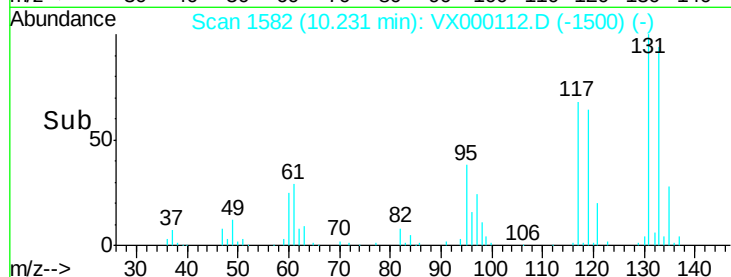
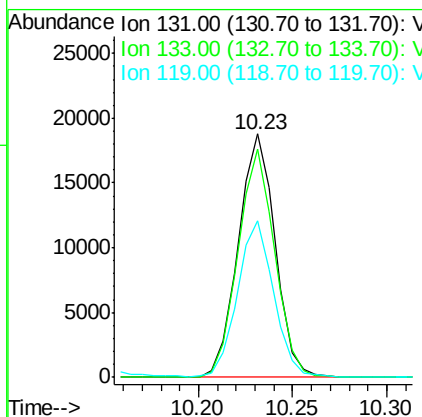
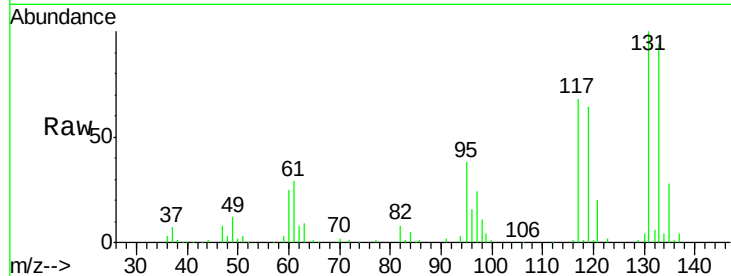
ClientSampleId :

ICVX022018

Tot Ion:	131	Resp:	25477
Ion	Ratio	Lower	Upper
131	100		
133	93.4	0.0	187.6
119	63.4	0.0	134.0

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#66

Ethyl Benzene

Concen: 20.55 ug/l

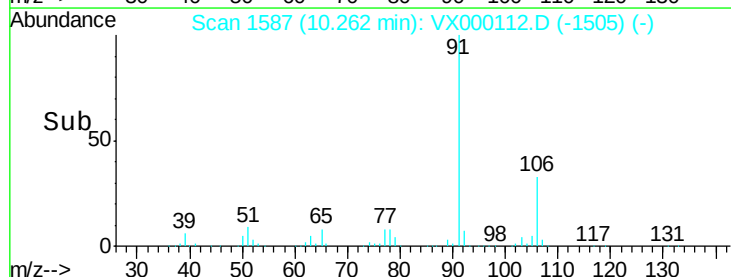
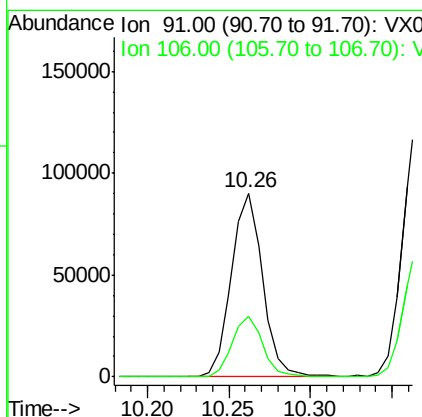
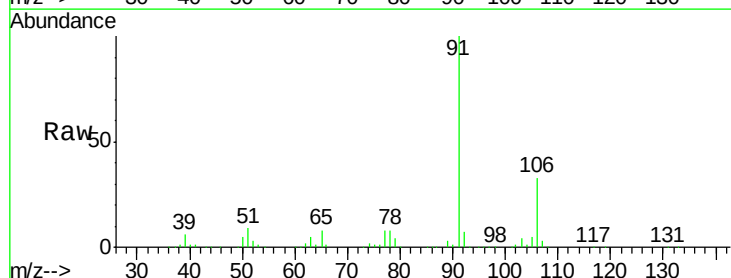
RT: 10.26 min Scan# 1587

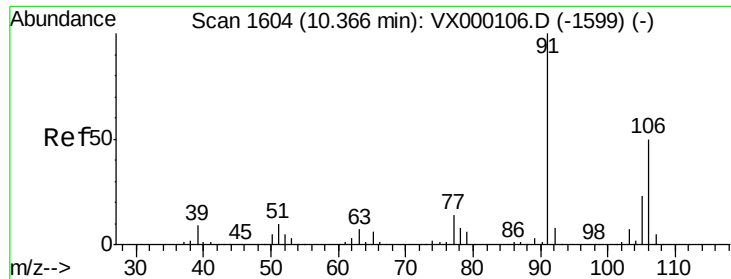
Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion:	91	Resp:	120822
Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.9	38.9





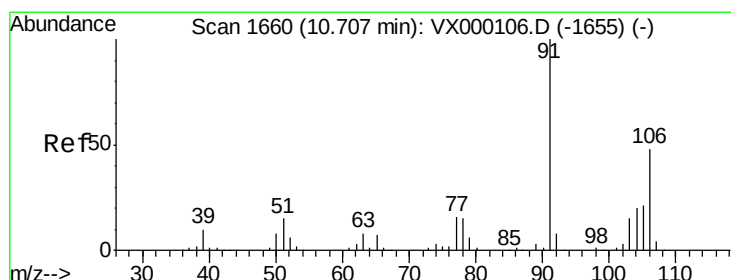
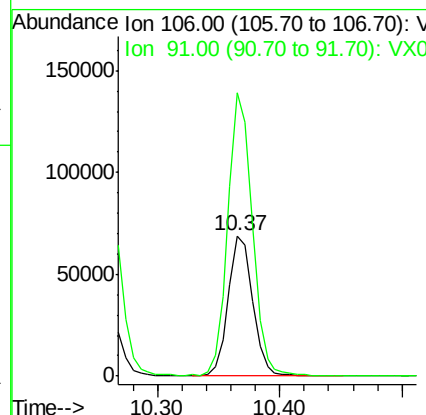
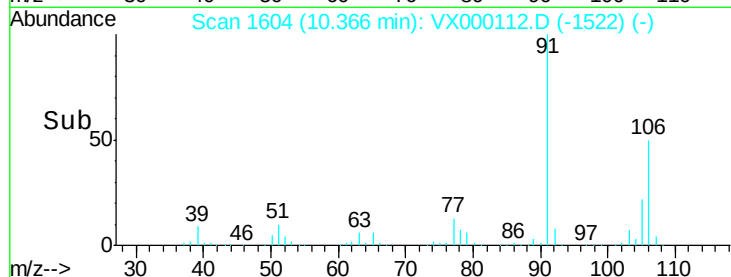
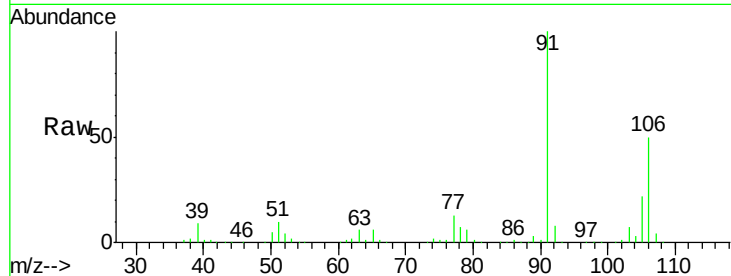
#67
m/p-Xylenes
Concen: 41.71 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion:106 Resp: 96123
Ion Ratio Lower Upper
106 100
91 199.3 161.6 242.4

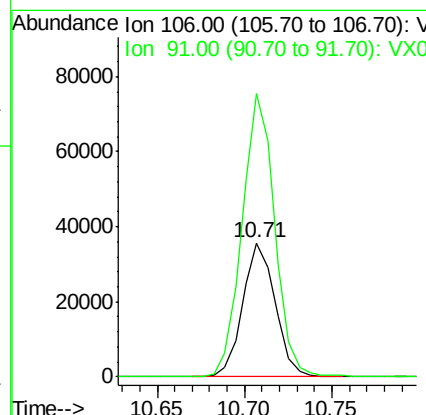
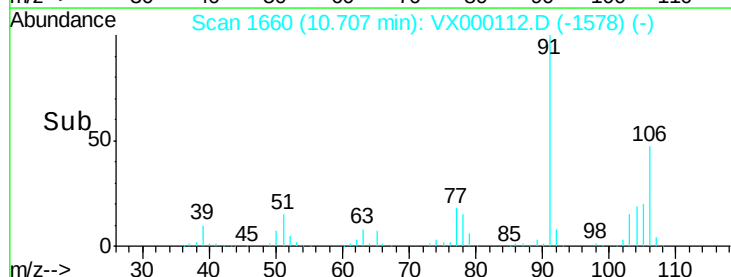
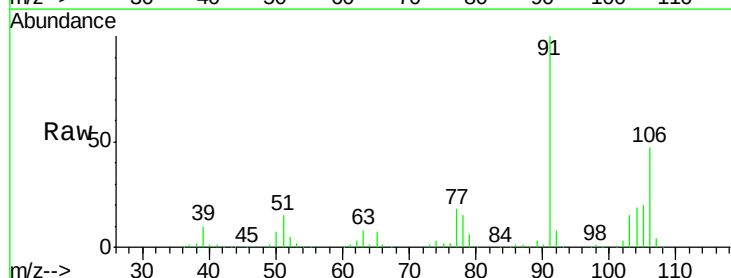
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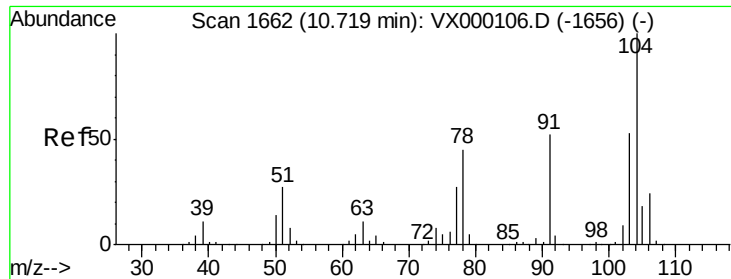
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#68
o-Xylene
Concen: 20.61 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion:106 Resp: 46145
Ion Ratio Lower Upper
106 100
91 210.9 105.6 316.8





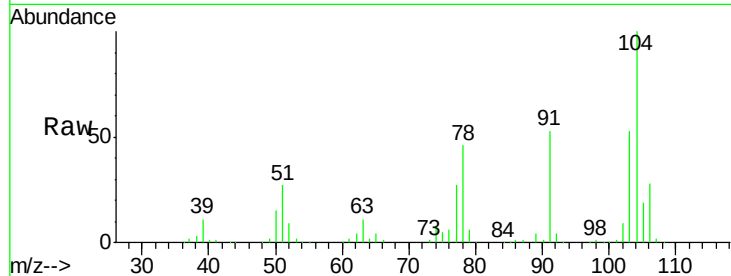
#69
Stvrene
Concen: 20.60 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

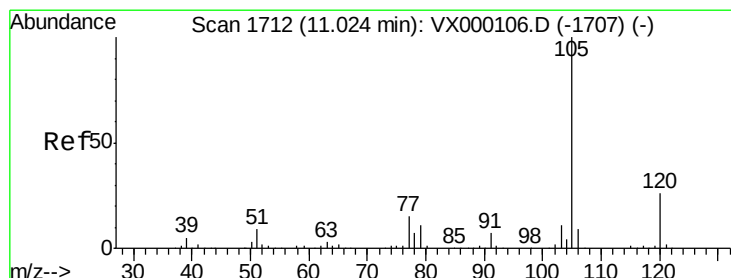
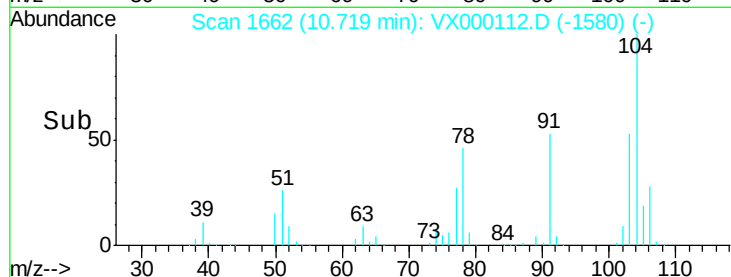
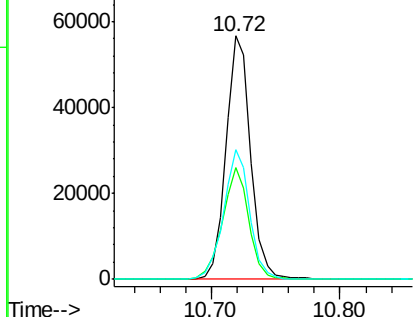
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.2	39.0	58.4
103	56.2	44.7	67.1

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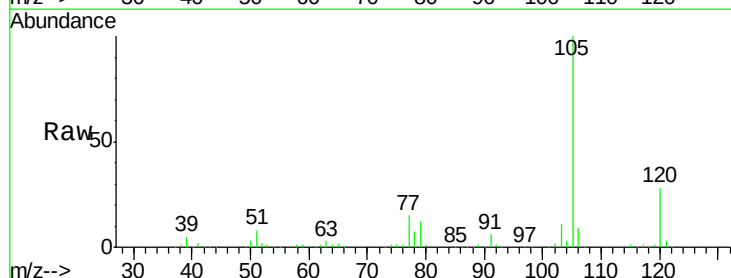


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

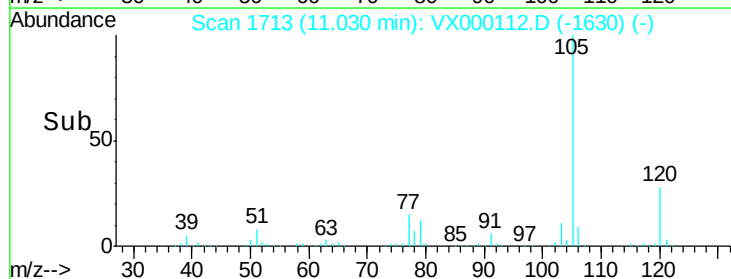
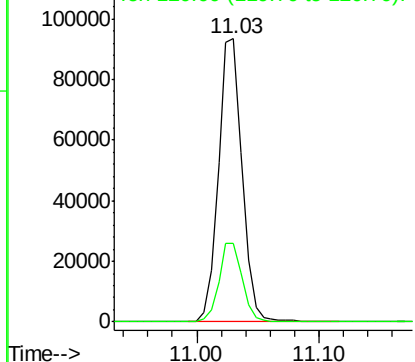


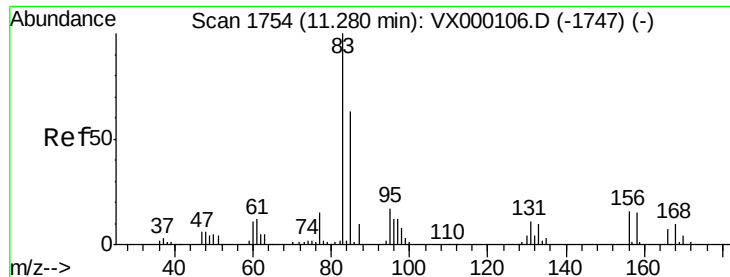
#70
Isopropylbenzene
Concen: 20.81 ug/l
RT: 11.03 min Scan# 1713
Delta R.T. 0.01 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	18.8	35.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





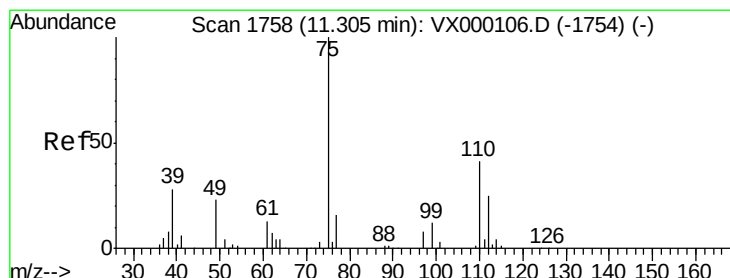
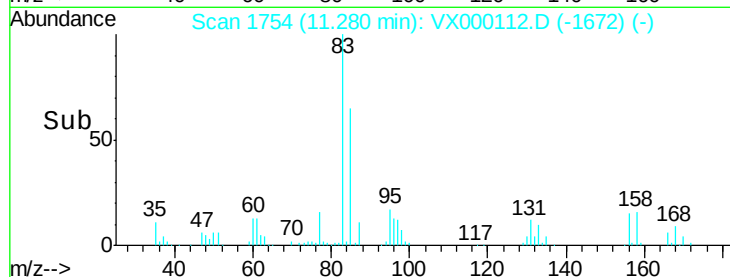
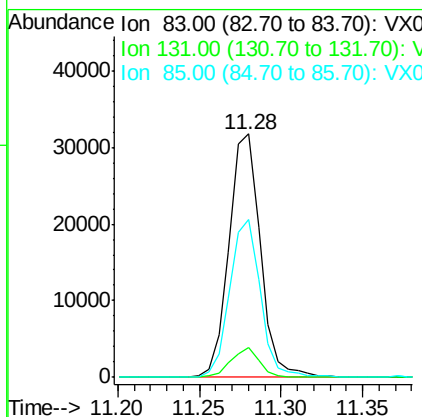
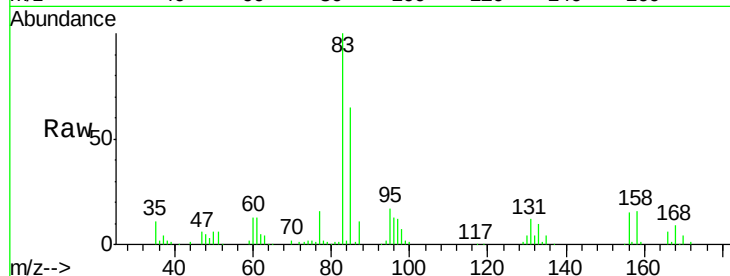
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.50 ug/l
 RT: 11.28 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022018

Tot Ion	83	Resp	42676
Ion Ratio	100	Lower	Upper
83	100		
131	10.7	5.3	16.1
85	63.4	32.5	97.5

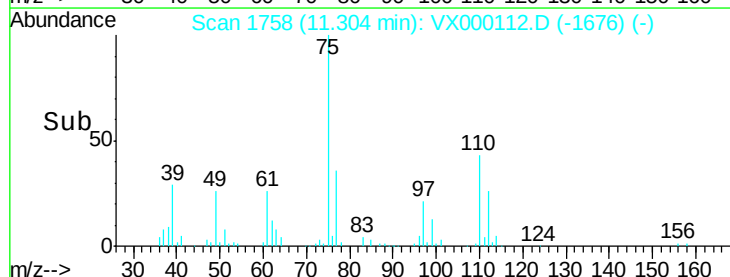
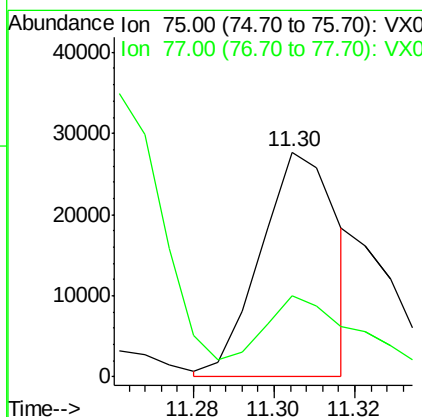
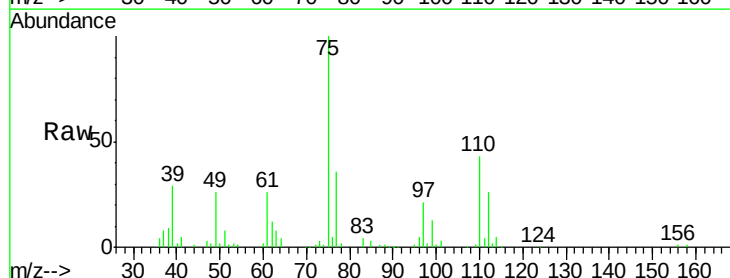
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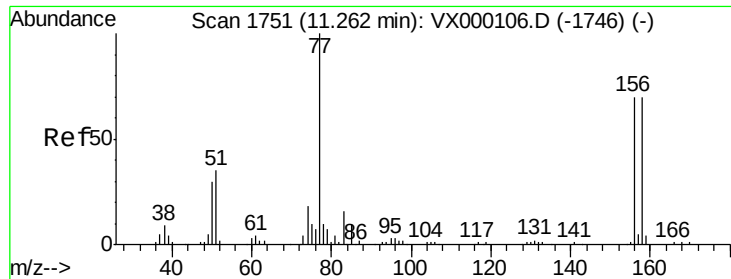
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#72
 1,2,3-Trichloropropane
 Concen: 19.62 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion	75	Resp	36642
Ion Ratio	100	Lower	Upper
75	100		
77	46.6	0.0	85.8





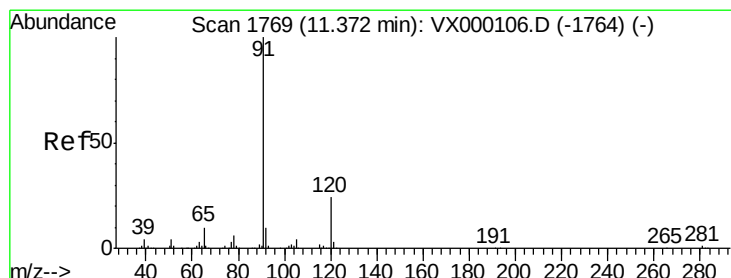
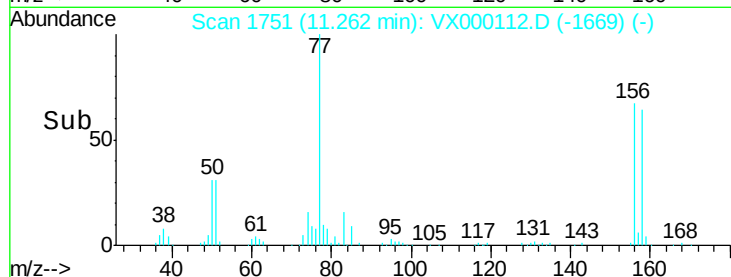
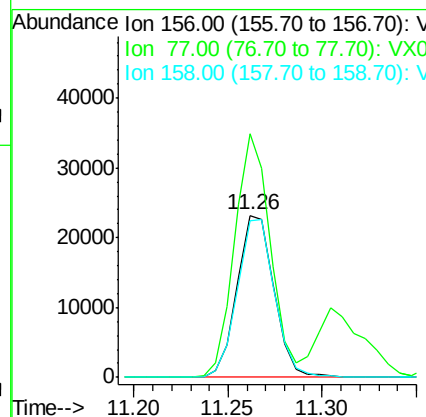
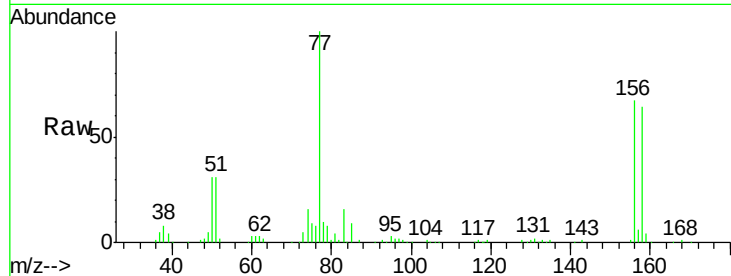
#73
Bromobenzene
Concen: 19.91 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.1	0.0	280.2
158	98.0	0.0	197.2

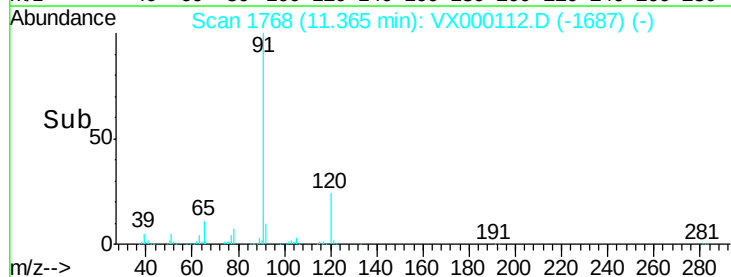
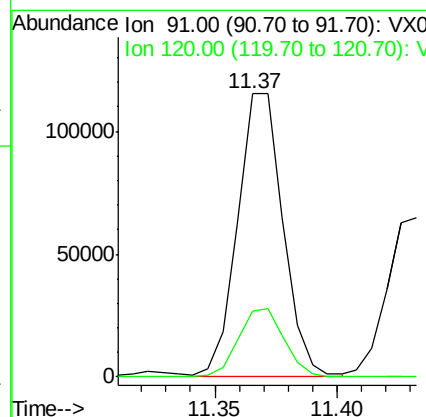
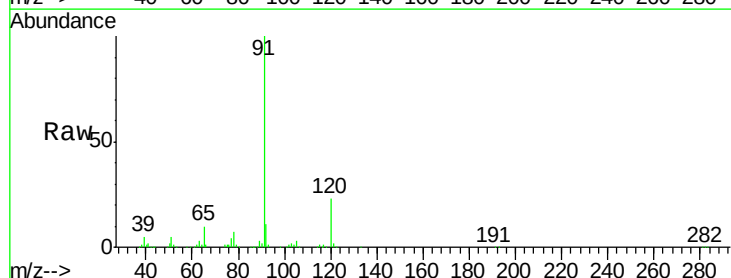
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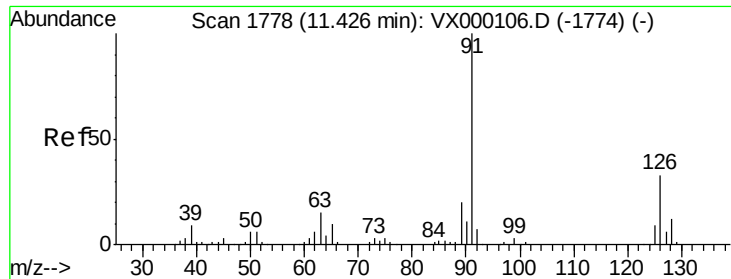
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#74
n-propylbenzene
Concen: 21.05 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	47.4





#75

2-Chlorotoluene

Concen: 21.08 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022018

Tot Ion: 91 Resp: 85943

Ion Ratio Lower Upper

91 100

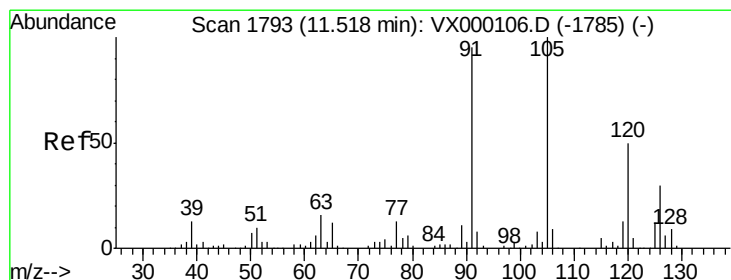
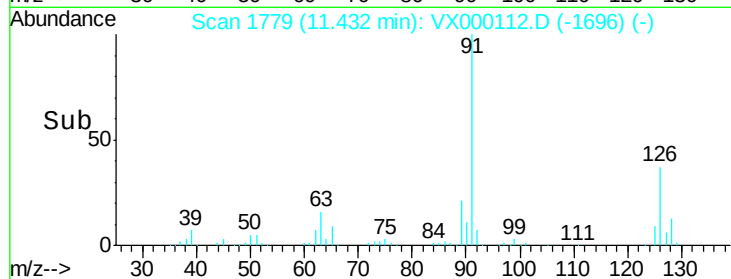
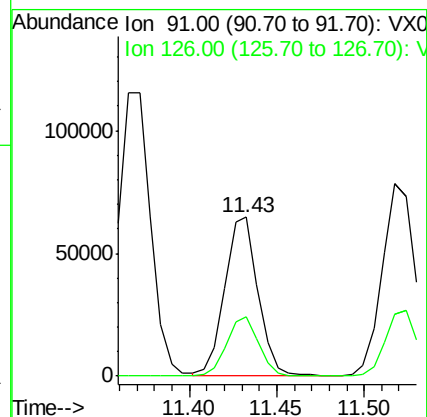
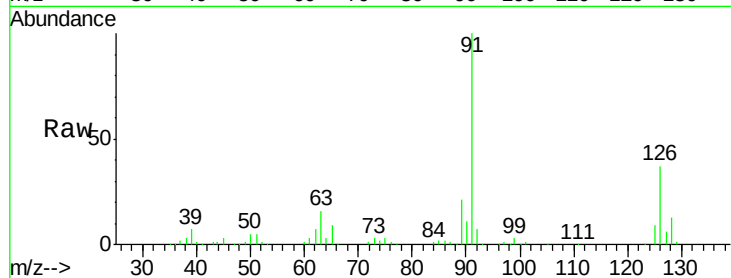
126 36.2 0.0 71.4

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#76

1,3,5-Trimethylbenzene

Concen: 20.68 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000112.D

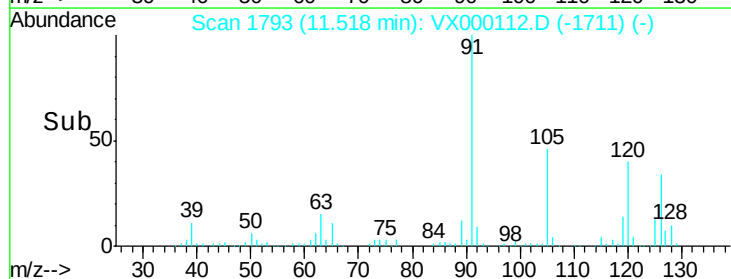
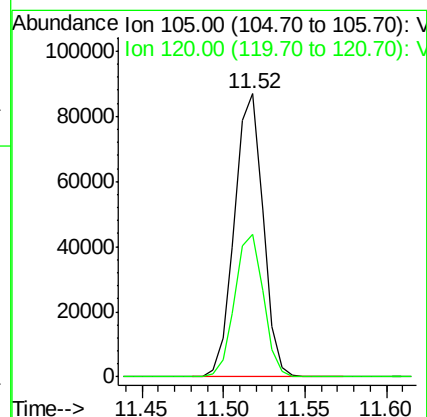
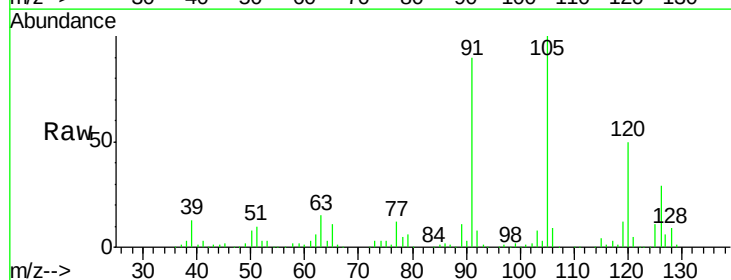
Acq: 20 Feb 2018 16:58

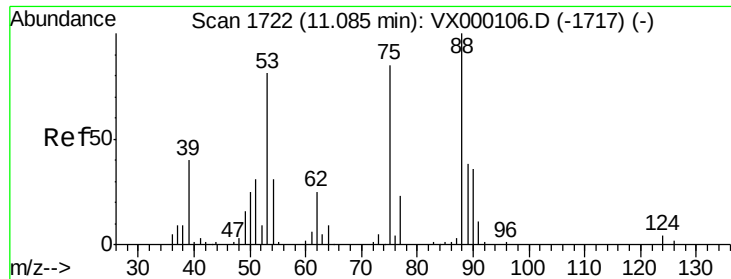
Tgt Ion: 105 Resp: 106025

Ion Ratio Lower Upper

105 100

120 50.4 0.0 63.8





#77

t-1,4-Dichloro-2-butene

Concen: 19.14 ug/l

RT: 11.08 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

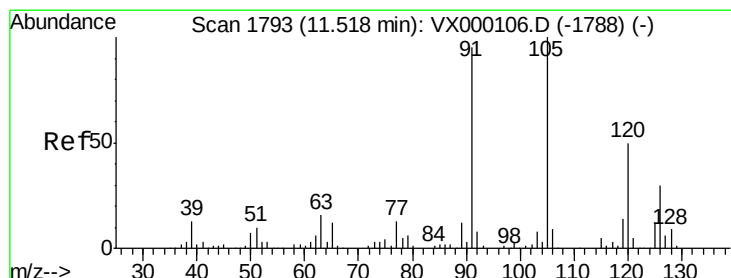
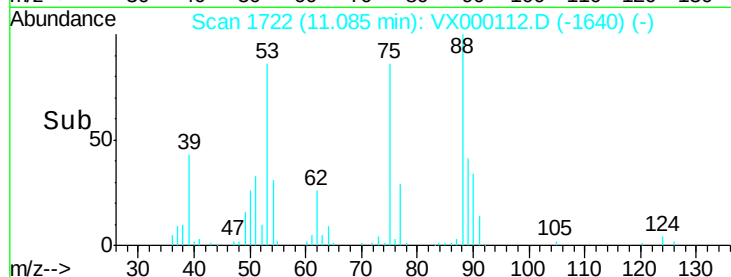
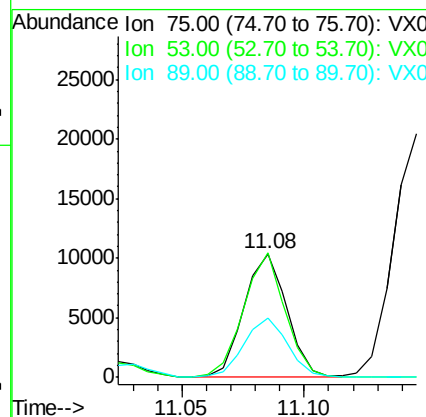
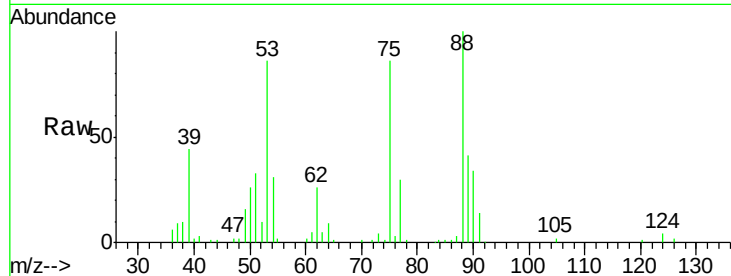
ClientSampled :

ICVVX022018

Tot Ion:	75	Resp:	12642
Ion	Ratio	Lower	Upper
75	100		
53	100.3	47.8	143.3
89	48.0	22.3	66.8

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#78

4-Chlorotoluene

Concen: 21.05 ug/l

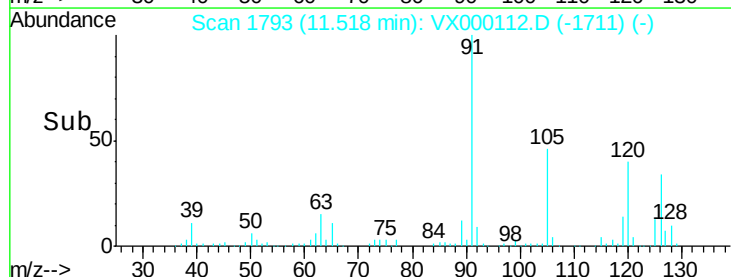
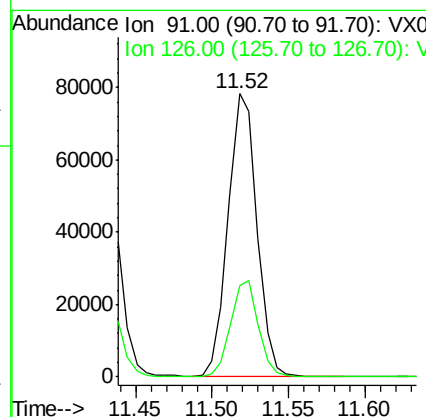
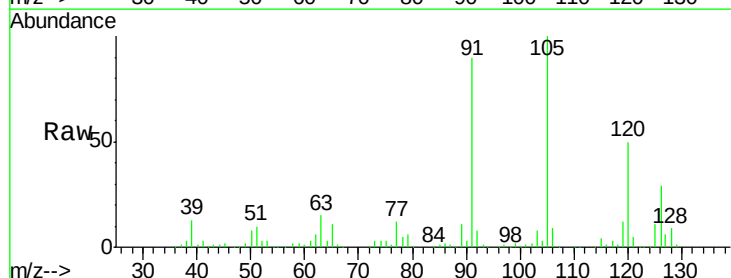
RT: 11.52 min Scan# 1793

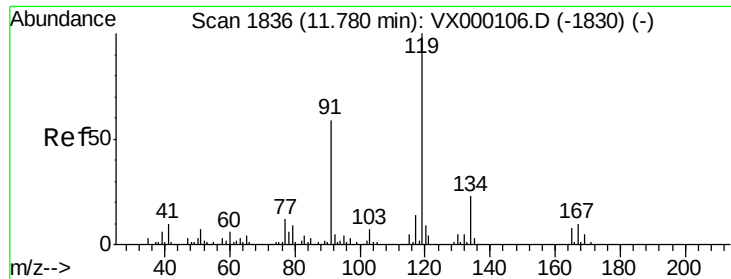
Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion:	91	Resp:	102834
Ion	Ratio	Lower	Upper
91	100		
126	32.5	0.0	63.4





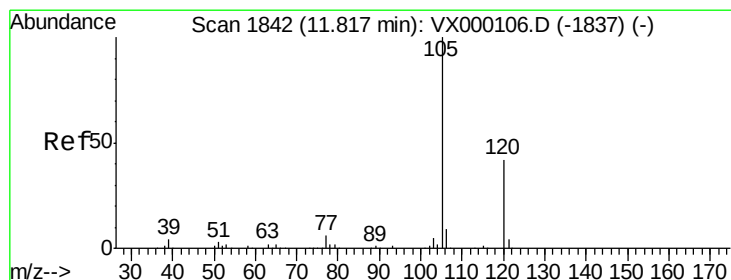
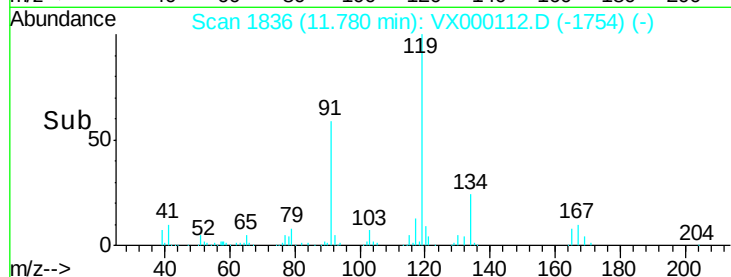
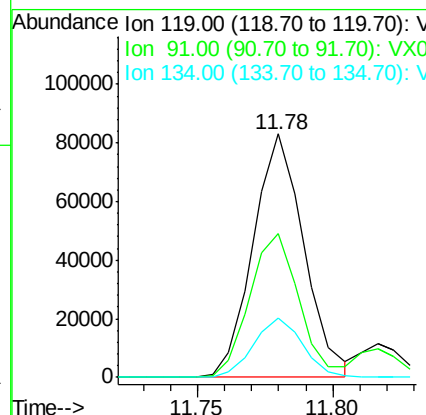
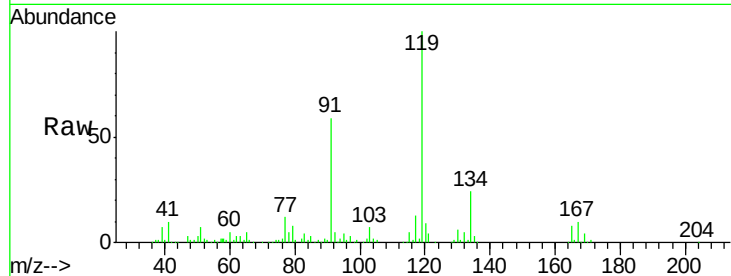
#79
tert-butylbenzene
Concen: 21.09 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Resp	Lower	Upper
119	100	107651		
91	25.9	0.0	51.6	
134	30.6	0.0	60.2	

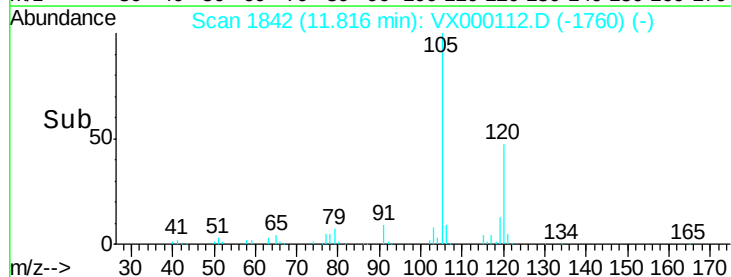
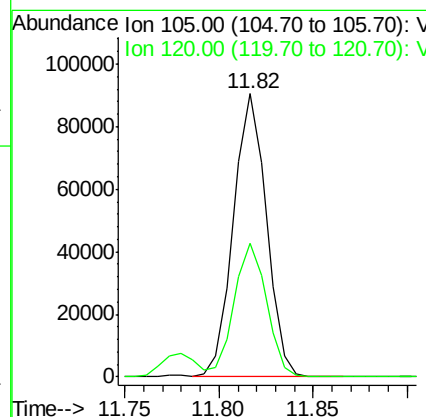
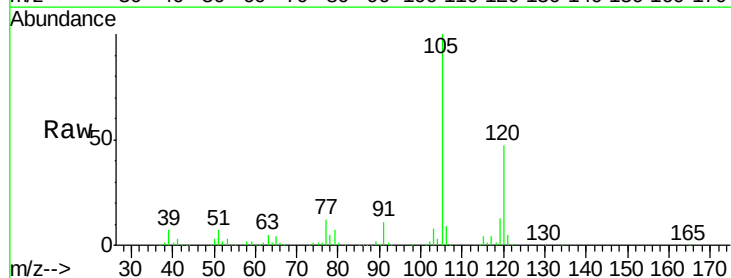
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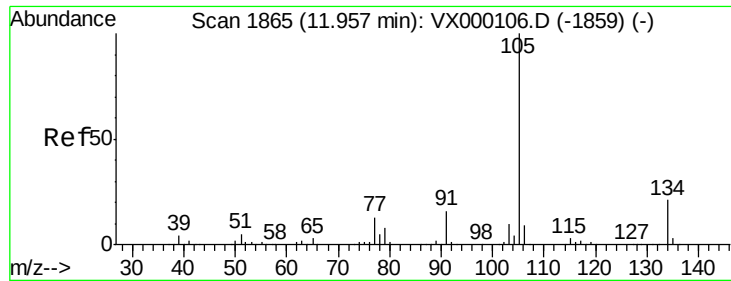
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 21.07 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	110235		
120	46.4	0.0	93.0	





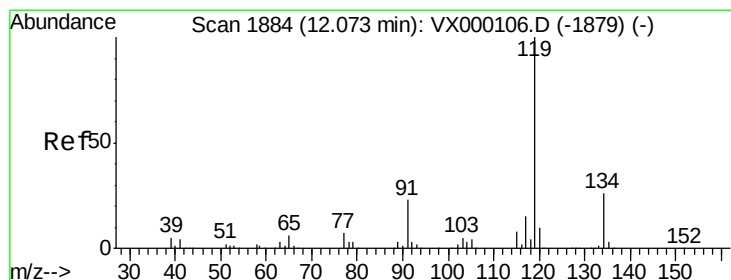
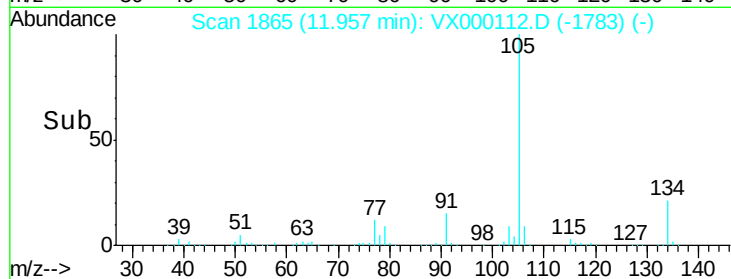
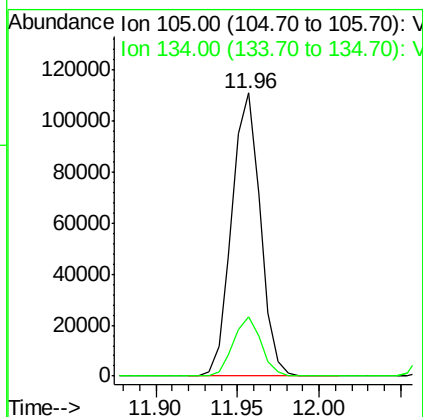
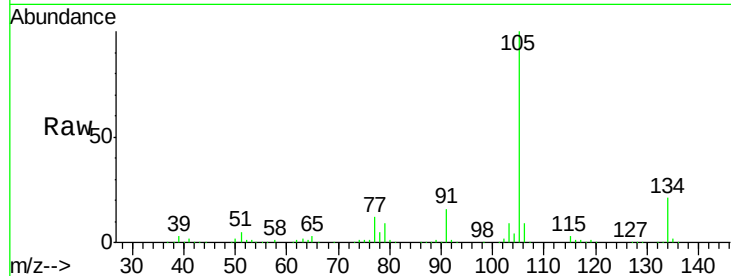
#81
 sec-Butylbenzene
 Concen: 21.47 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022018

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	0.0	41.8

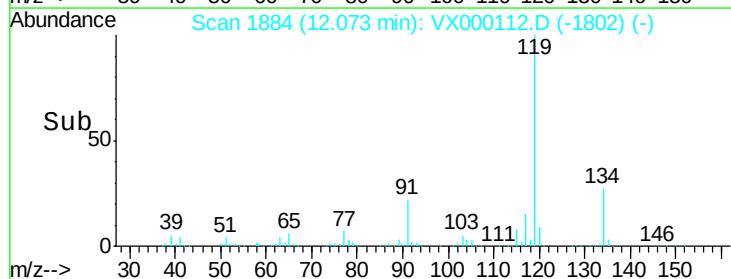
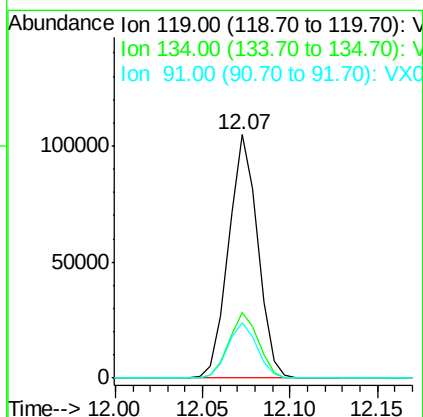
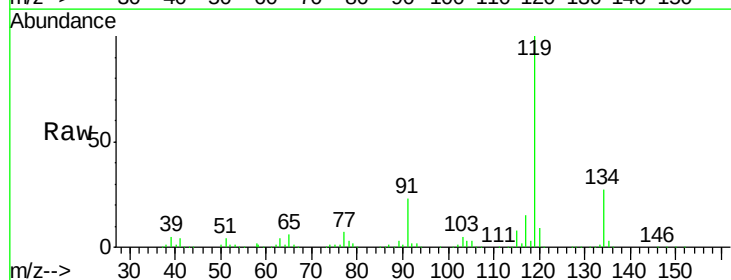
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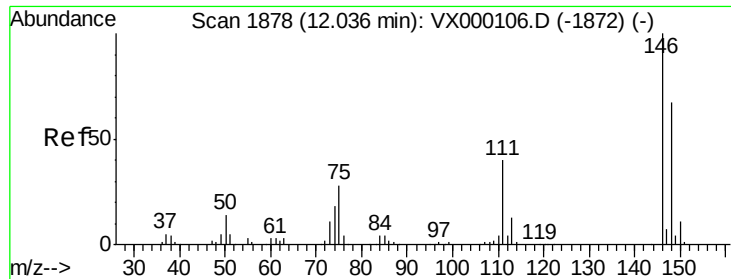
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#82
 p-Isopropyltoluene
 Concen: 21.57 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	0.0	54.4
91	23.0	0.0	46.6





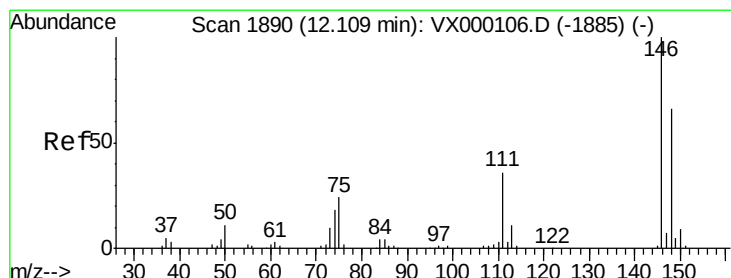
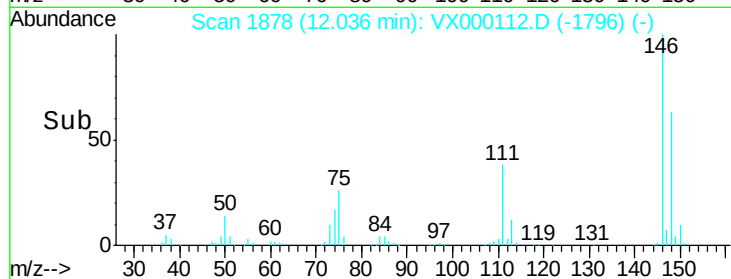
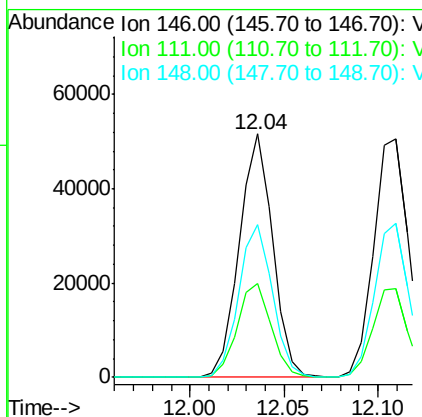
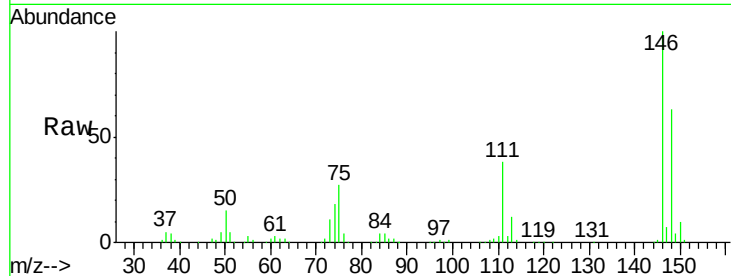
#83
 1,3-Dichlorobenzene
 Concen: 20.99 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022018

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	63.4	32.6	97.7

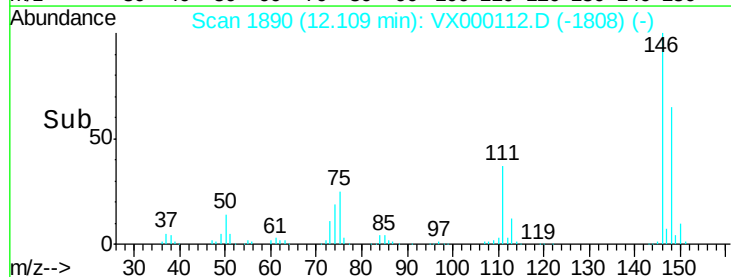
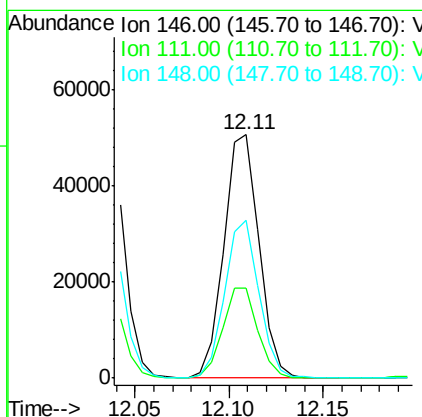
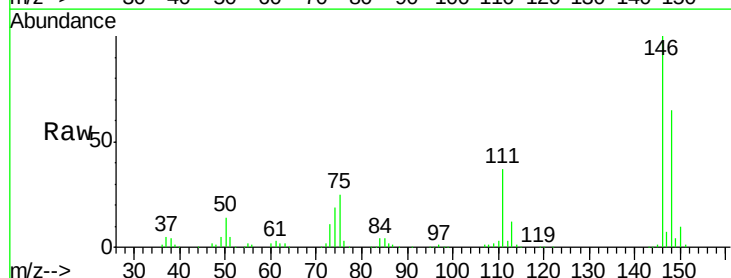
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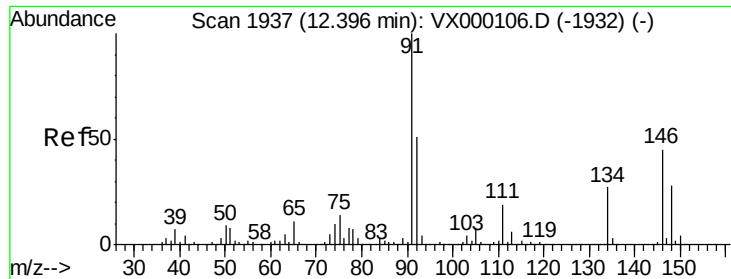
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#84
 1,4-Dichlorobenzene
 Concen: 20.79 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.0
148	63.0	31.9	95.7





#85

n-Butylbenzene

Concen: 21.47 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Instrument :

MSVOA_X

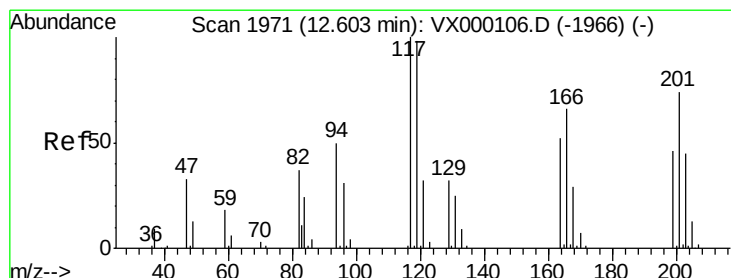
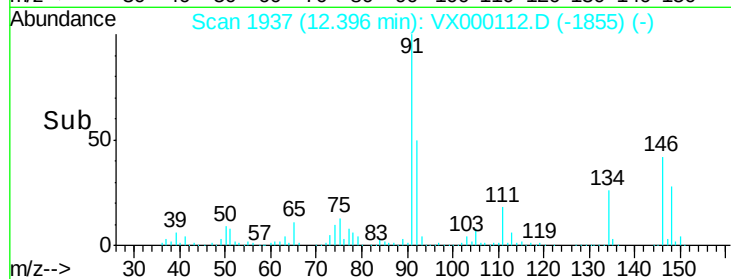
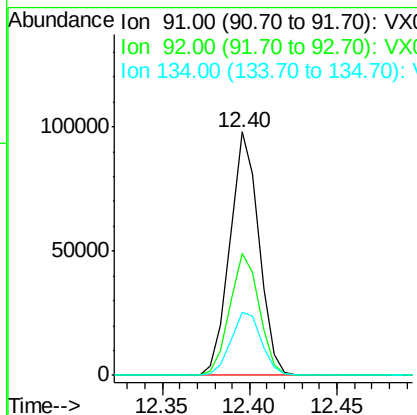
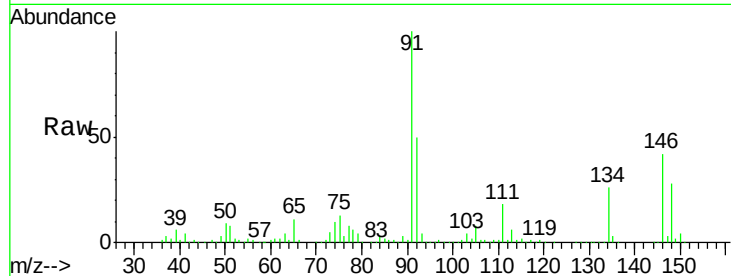
ClientSampleId :

ICVVX022018

Tot Ion	Ratio	Resp	Lower	Upper
91	100	113331		
92	50.7	0.0	102.0	
134	27.1	0.0	54.2	

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#86

Hexachloroethane

Concen: 20.54 ug/l

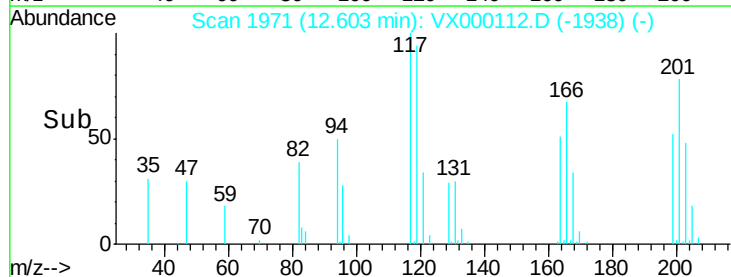
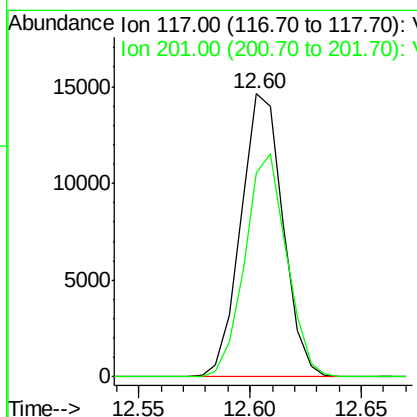
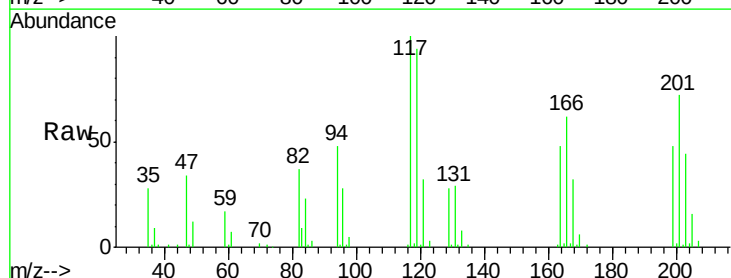
RT: 12.60 min Scan# 1971

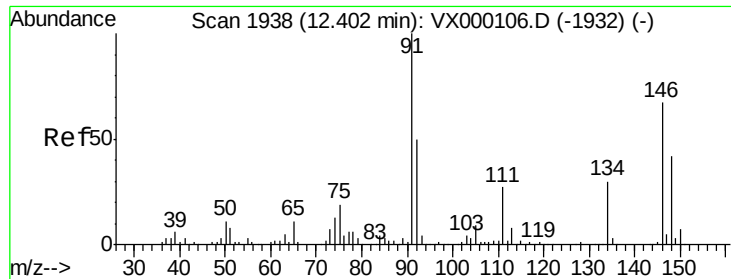
Delta R.T. -0.00 min

Lab File: VX000112.D

Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19308		
201	78.0	38.9	116.6	





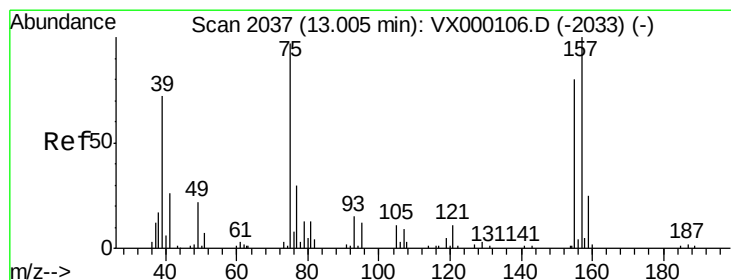
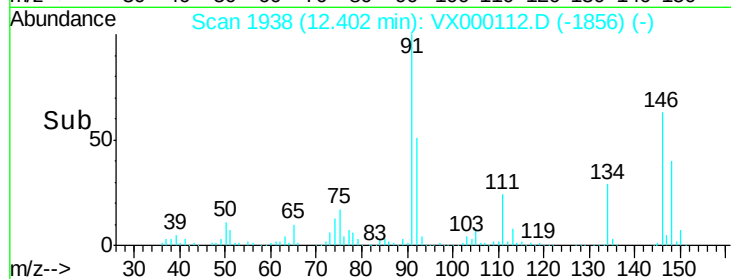
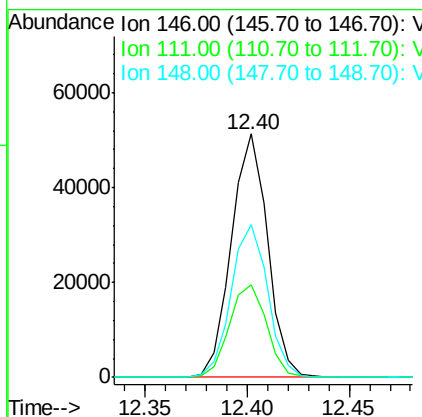
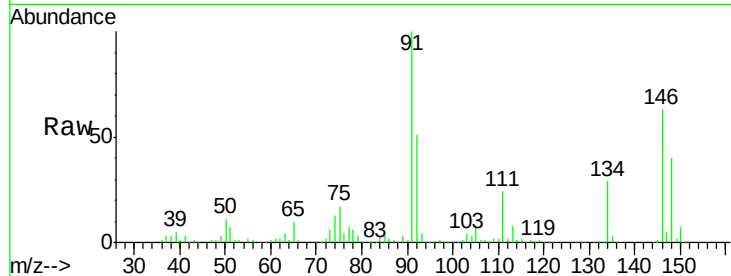
#87
 1,2-Dichlorobenzene
 Concen: 21.04 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022018

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	60.0
148	63.7	31.6	95.0

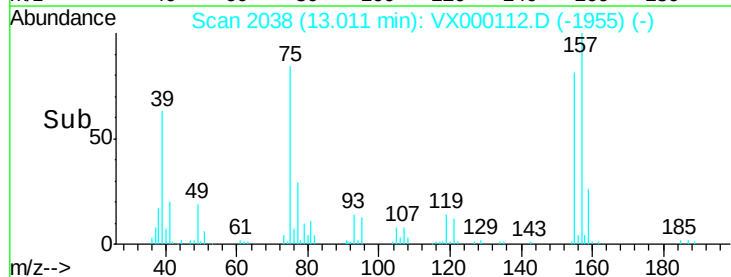
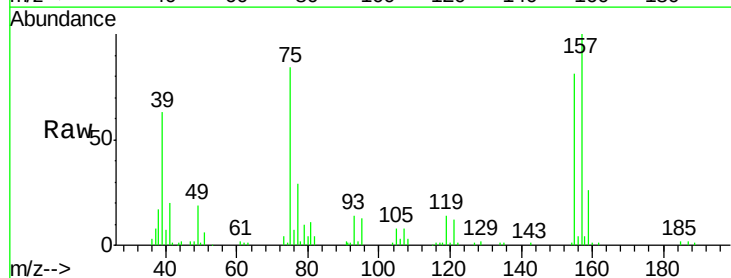
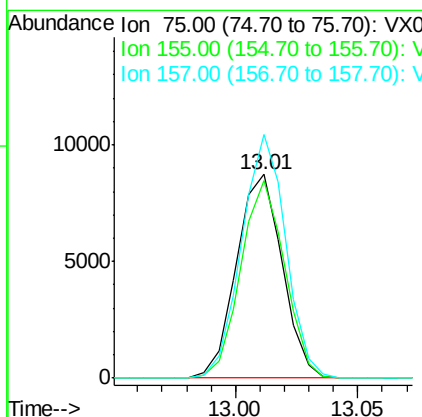
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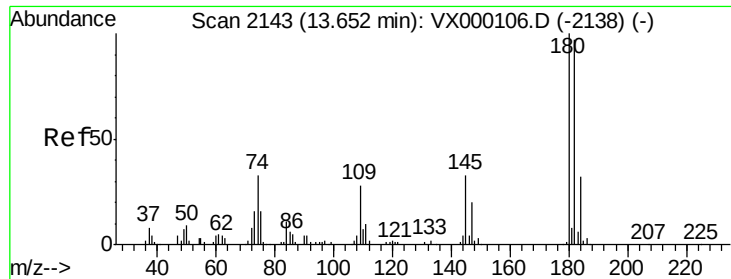
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.51 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	75.1	112.7
157	115.1	99.0	148.4





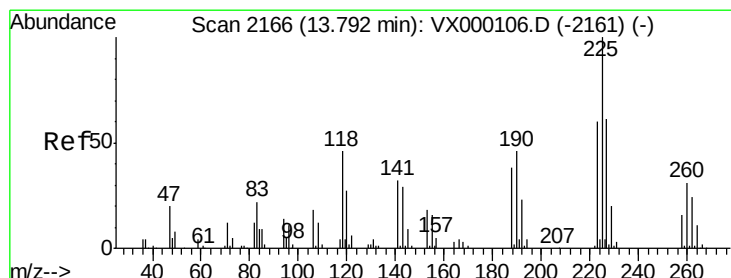
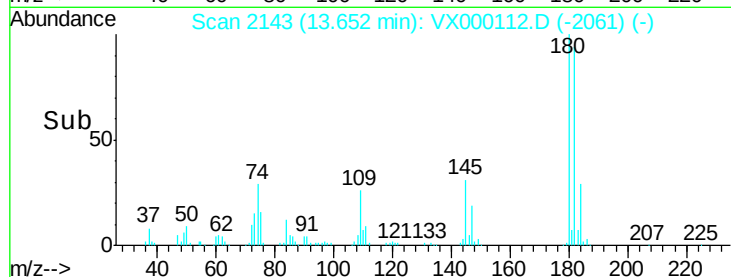
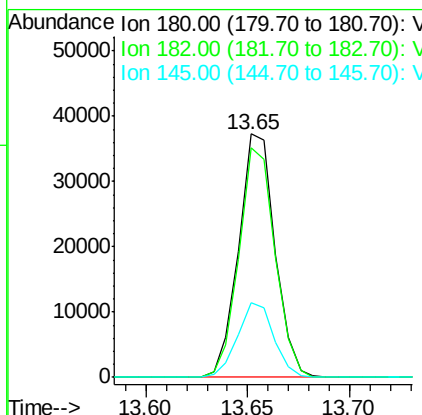
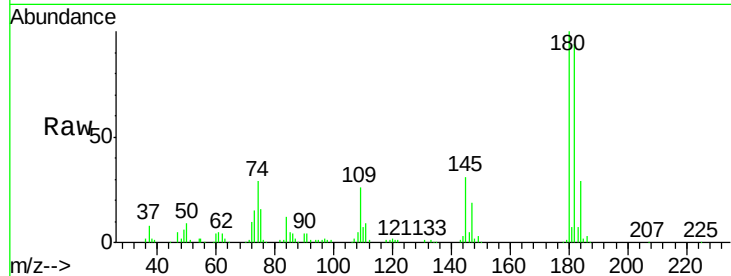
#89
 1,2,4-Trichlorobenzene
 Concen: 20.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022018

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.3	114.5
145	30.6	24.6	37.0

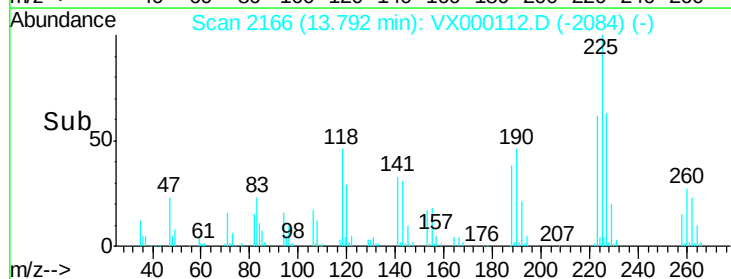
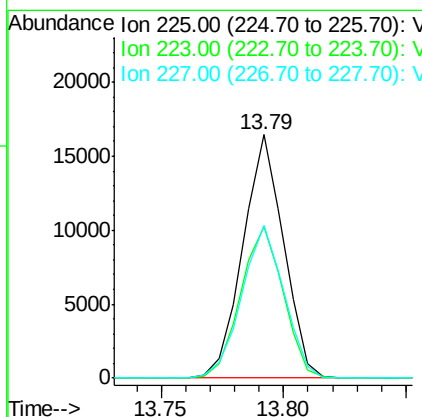
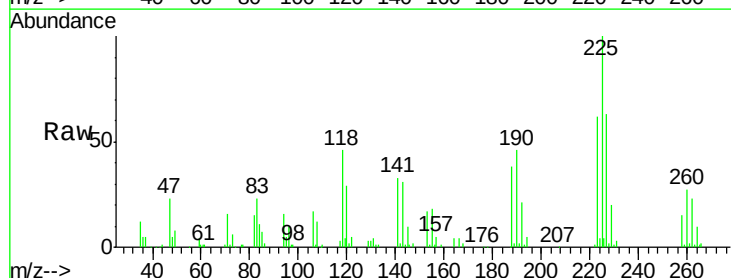
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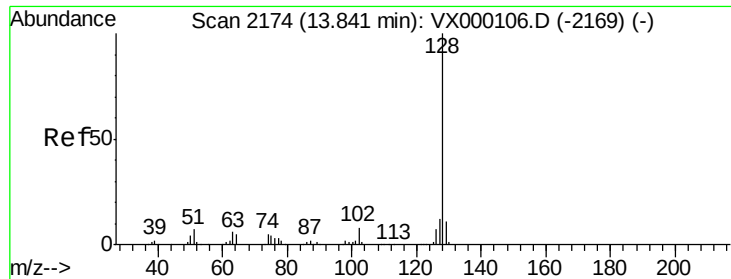
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#90
 Hexachlorobutadiene
 Concen: 20.19 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000112.D
 Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	0.0	131.2
227	65.2	0.0	127.6





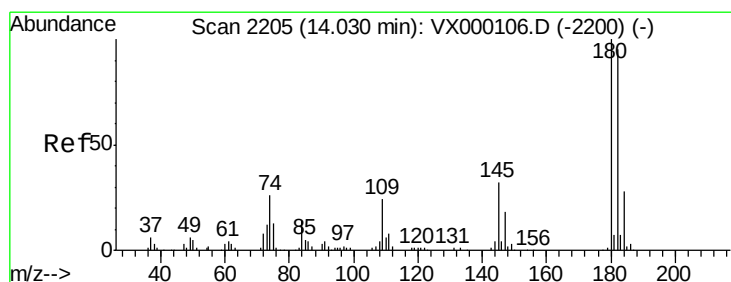
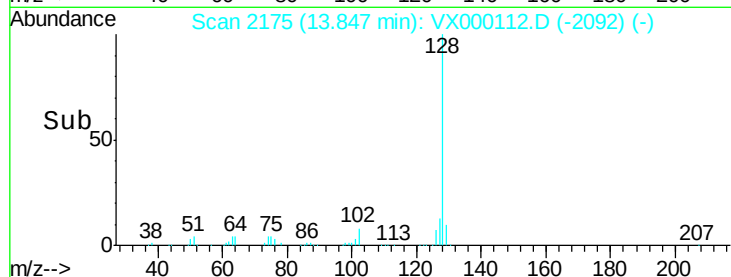
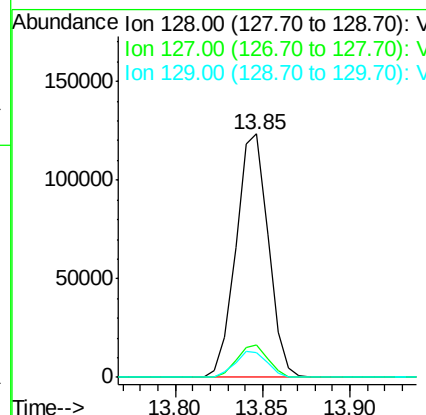
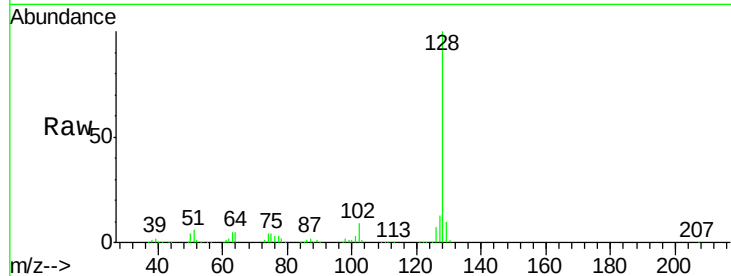
#91
Naphthalene
Concen: 20.63 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022018

Tot Ion	Ratio	Resp	Lower	Upper
128	100	158452		
127	13.0		10.5	15.7
129	10.5		9.0	13.6

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#92
1,2,3-Trichlorobenzene
Concen: 20.35 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000112.D
Acq: 20 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	44981		
182	94.7		0.0	188.6
145	31.7		0.0	65.8

