

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021819\
 Data File : VX007584.D
 Acq On : 18 Feb 2019 13:18
 Operator : JC/SP
 Sample : VX0218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 11:01:18 AM

Quant Time: Feb 19 04:51:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	434875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	651557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	574471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	291454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	232972	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.51	113	210852	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	744451	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.13	95	261680	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87368	16.469	ug/l	95
3) Chloromethane	1.33	50	79913	16.315	ug/l	98
4) Vinyl Chloride	1.41	62	86402	17.980	ug/l	98
5) Bromomethane	1.64	94	81167	16.757	ug/l	98
6) Chloroethane	1.73	64	56264	18.100	ug/l	98
7) Trichlorofluoromethane	1.93	101	142131	18.907	ug/l	98
8) Diethyl Ether	2.19	74	52817	18.668	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77759	17.390	ug/l	99
10) Methyl Iodide	2.51	142	92286	14.030	ug/l	97
11) Tert butyl alcohol	3.07	59	99458	104.117	ug/l	97
12) 1,1-Dichloroethene	2.38	96	70981	17.095	ug/l	96
13) Acrolein	2.30	56	34354	76.693	ug/l	99
14) Allyl chloride	2.73	41	122537	18.112	ug/l	98
15) Acrylonitrile	3.15	53	226348	95.784	ug/l	99
16) Acetone	2.45	43	199234	94.227	ug/l	98
17) Carbon Disulfide	2.57	76	163657	16.555	ug/l	100
18) Methyl Acetate	2.78	43	125886	23.173	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	246833	18.349	ug/l	96
20) Methylene Chloride	2.86	84	82124	18.770	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	75579	17.087	ug/l	98
22) Diisopropyl ether	3.87	45	246979	19.846	ug/l	99
23) Vinyl Acetate	3.82	43	1017250	98.506	ug/l	98
24) 1,1-Dichloroethane	3.70	63	140239	19.623	ug/l	98
25) 2-Butanone	4.70	43	314471	104.509	ug/l	99
26) 2,2-Dichloropropane	4.59	77	99925	18.360	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	90215	18.674	ug/l	99
28) Bromochloromethane	5.02	49	67842	20.643	ug/l	100
29) Tetrahydrofuran	5.15	42	203349	107.451	ug/l	99
30) Chloroform	5.21	83	147530	19.783	ug/l	97
31) Cyclohexane	5.58	56	111663	17.397	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	126311	20.066	ug/l	98
36) 1,1-Dichloropropene	5.80	75	100072	17.118	ug/l	99
37) Ethyl Acetate	4.86	43	114931	19.448	ug/l	97
38) Carbon Tetrachloride	5.78	117	109817	19.363	ug/l	97

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Manual Integrations
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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116731	16.504	ug/l	91
40) Benzene	6.15	78	317889	18.460	ug/l	98
41) Methacrylonitrile	5.05	41	64970	20.513	ug/l	98
42) 1,2-Dichloroethane	6.20	62	112090	18.813	ug/l	98
43) Isopropyl Acetate	6.46	43	180430	19.781	ug/l	99
44) Trichloroethene	7.21	130	91718	17.684	ug/l	99
45) 1,2-Dichloropropane	7.52	63	81678	18.930	ug/l	98
46) Dibromomethane	7.66	93	58533	18.665	ug/l	97
47) Bromodichloromethane	7.90	83	103200	19.418	ug/l	99
48) Methyl methacrylate	7.77	41	91527	20.060	ug/l	100
49) 1,4-Dioxane	7.75	88	42508	413.732	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	607870	101.231	ug/l	100
52) Toluene	8.79	92	198584	17.873	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106547	18.664	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	122683	19.542	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	88246	19.054	ug/l	98
56) Ethyl methacrylate	9.18	69	121094	18.878	ug/l	98
57) 1,3-Dichloropropane	9.37	76	139202	18.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	325893	96.391	ug/l	99
59) 2-Hexanone	9.49	43	470170	100.620	ug/l	98
60) Dibromochloromethane	9.58	129	87328	19.937	ug/l	97
61) 1,2-Dibromoethane	9.67	107	93458	19.055	ug/l	99
64) Tetrachloroethene	9.34	164	89620	16.552	ug/l	99
65) Chlorobenzene	10.14	112	232073	18.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85715	20.394	ug/l	99
67) Ethyl Benzene	10.25	91	373960	18.524	ug/l	99
68) m/p-Xylenes	10.36	106	291019	36.264	ug/l	100
69) o-Xylene	10.70	106	142973	18.515	ug/l	99
70) Styrene	10.71	104	230849	18.434	ug/l	99
71) Bromoform	10.85	173	64892	20.214	ug/l #	99
73) Isopropylbenzene	11.02	105	383727	19.374	ug/l	98
74) N-amyl acetate	10.90	43	153623	20.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	128655	21.314	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	121587m	21.447	ug/l	
77) Bromobenzene	11.26	156	105056	18.826	ug/l	100
78) n-propylbenzene	11.36	91	417133	19.206	ug/l	99
79) 2-Chlorotoluene	11.42	91	250993	19.046	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	311482	19.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33096	20.747	ug/l	96
82) 4-Chlorotoluene	11.51	91	289177	18.964	ug/l	99
83) tert-Butylbenzene	11.77	119	311896	19.442	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	318030	19.333	ug/l	98
85) sec-Butylbenzene	11.94	105	374694	19.298	ug/l	100
86) p-Isopropyltoluene	12.06	119	330411	18.851	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182732	18.246	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	184077	18.117	ug/l	100
89) n-Butylbenzene	12.38	91	272210	18.054	ug/l	100
90) Hexachloroethane	12.60	117	53037	20.219	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	186833	18.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26531	21.139	ug/l	99

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ClientSampleId :
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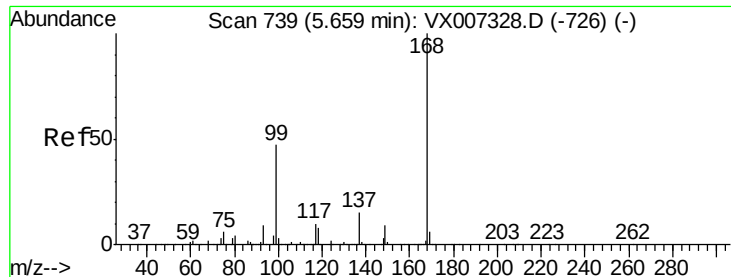
Manual Integrations
APPROVED

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QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118846	17.681	ug/l	99
94) Hexachlorobutadiene	13.78	225	58819	18.022	ug/l	100
95) Naphthalene	13.83	128	374341	19.045	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	122322	18.079	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion:168 Resp: 434875

Ion Ratio Lower Upper

168 100

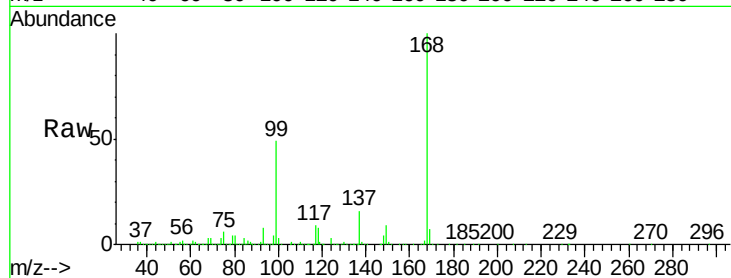
99 49.3 37.9 56.9

Manual Integrations

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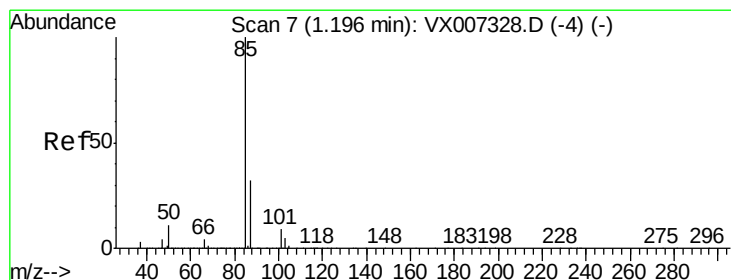
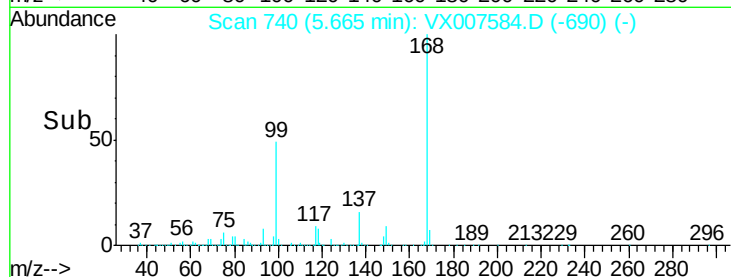
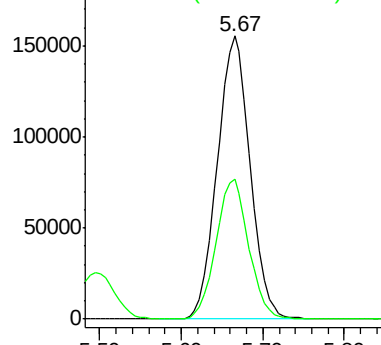
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.469 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007584.D

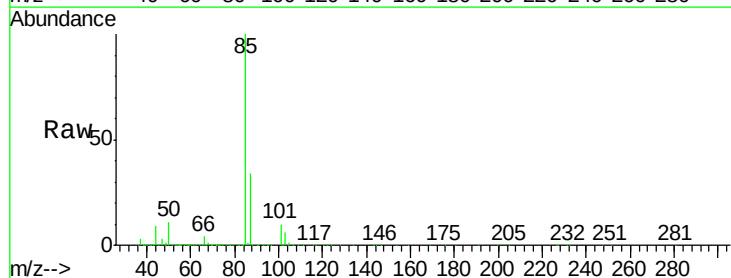
Acq: 18 Feb 2019 13:18

Tgt Ion: 85 Resp: 87368

Ion Ratio Lower Upper

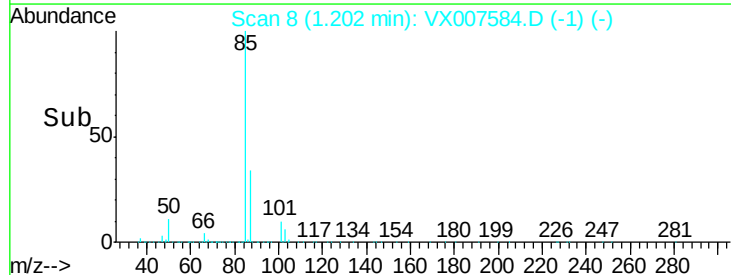
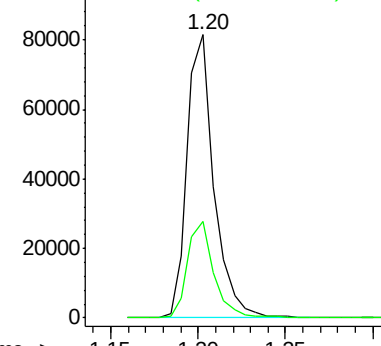
85 100

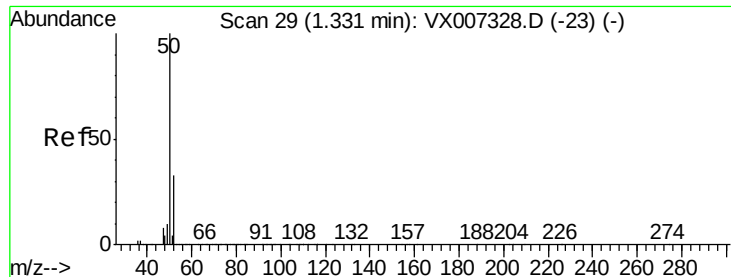
87 34.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.315 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 50 Resp: 79913

Ion Ratio Lower Upper

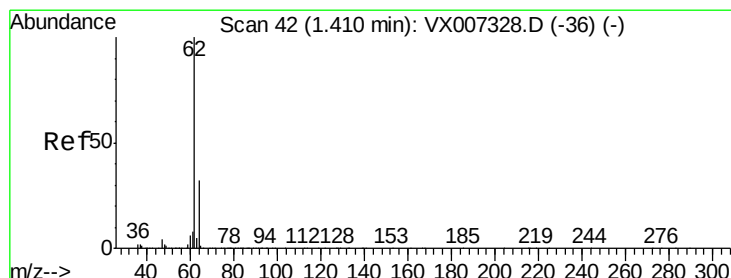
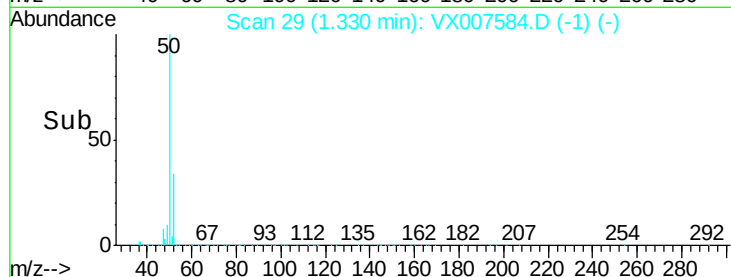
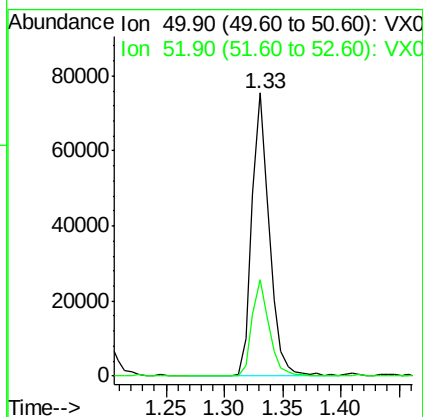
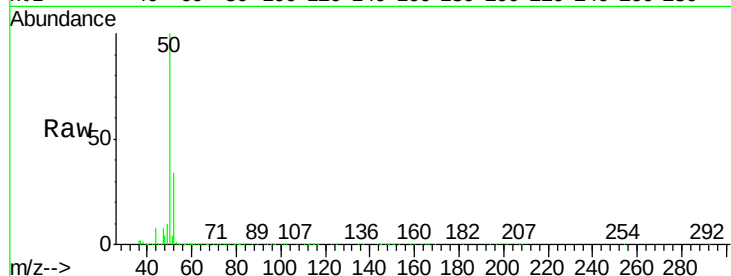
50 100

52 33.9 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.980 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007584.D

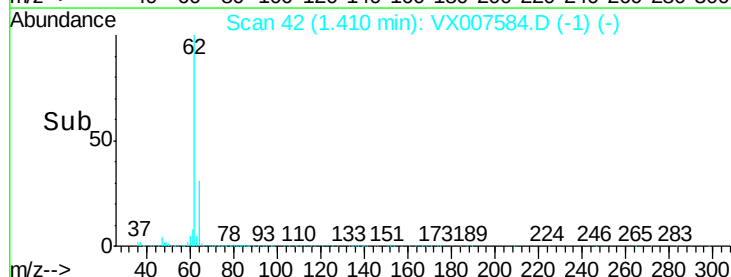
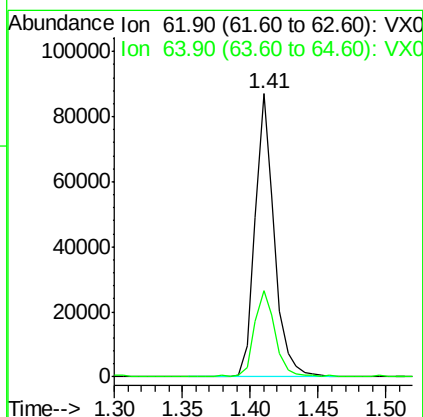
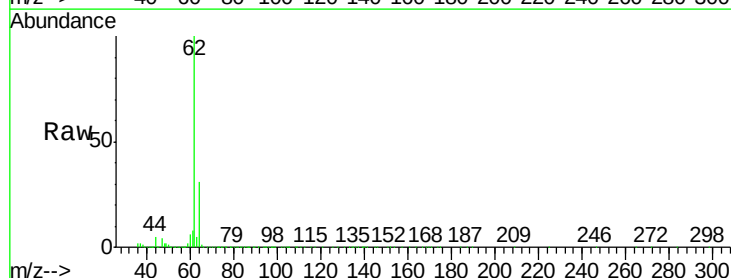
Acq: 18 Feb 2019 13:18

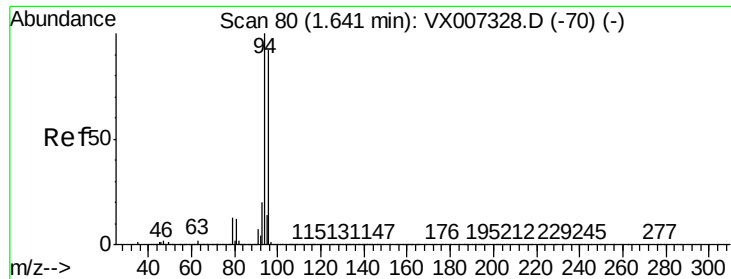
Tgt Ion: 62 Resp: 86402

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.0





#5

Bromomethane

Concen: 16.757 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 94 Resp: 81167

Ion Ratio Lower Upper

94 100

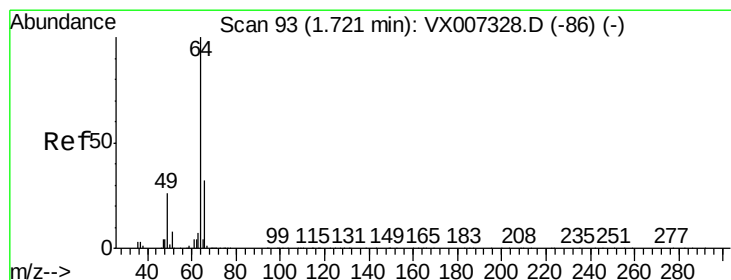
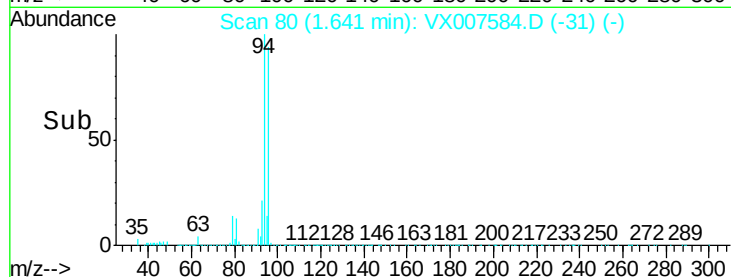
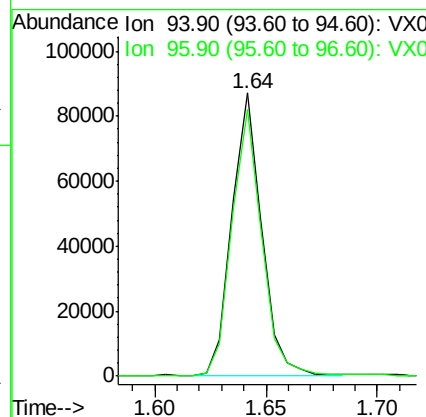
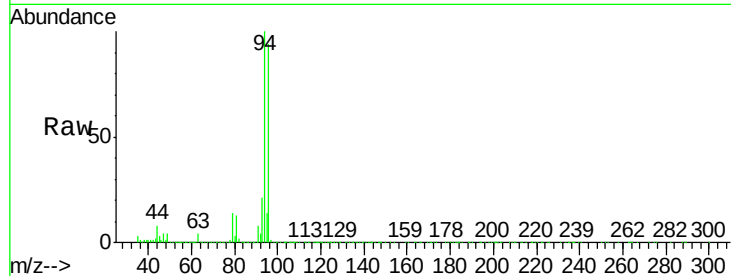
96 94.2 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 18.100 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007584.D

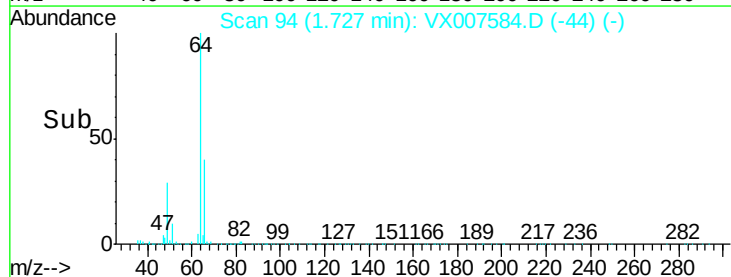
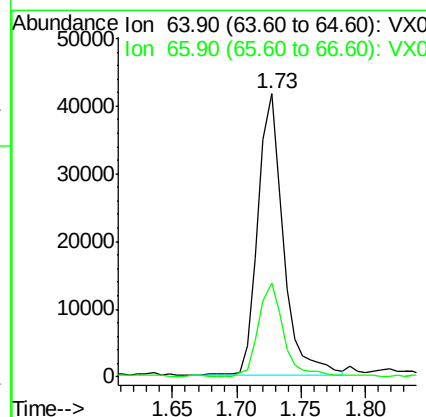
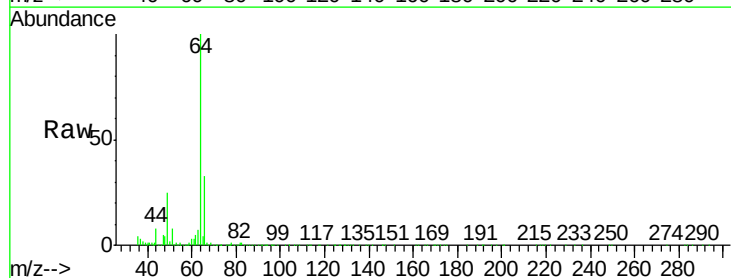
Acq: 18 Feb 2019 13:18

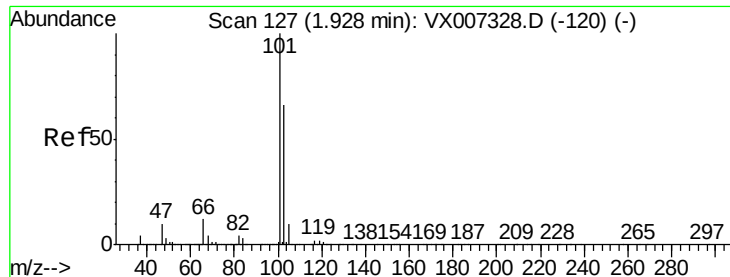
Tgt Ion: 64 Resp: 56264

Ion Ratio Lower Upper

64 100

66 33.2 25.5 38.3





#7

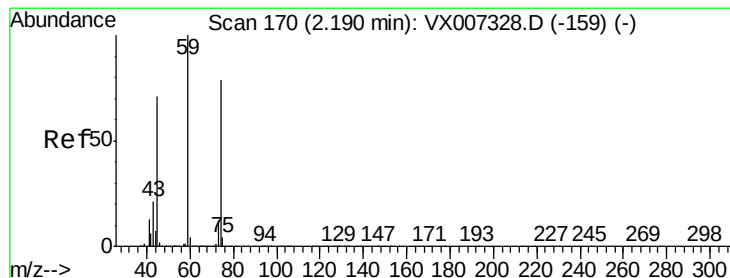
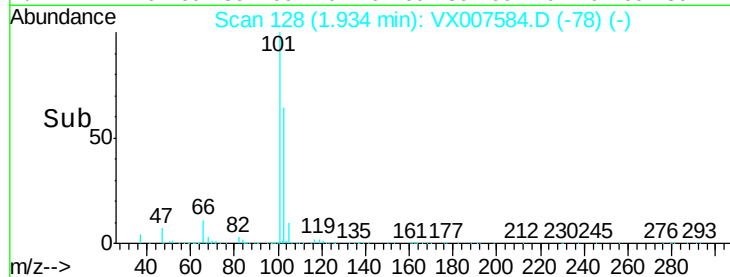
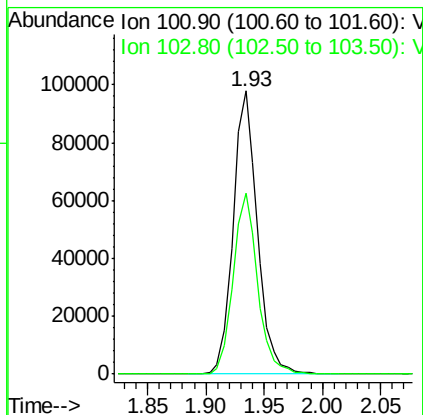
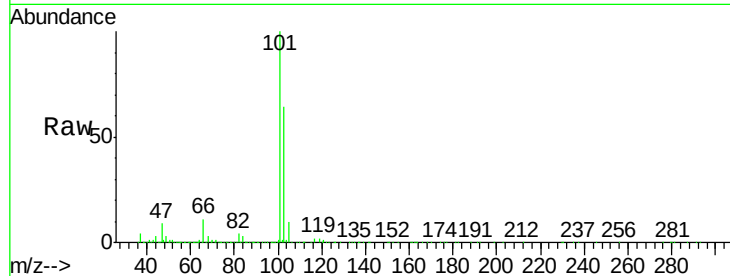
Trichlorofluoromethane
Concen: 18.907 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.6	79.0

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APPROVED

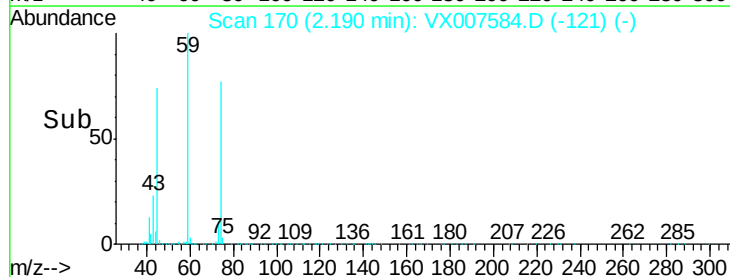
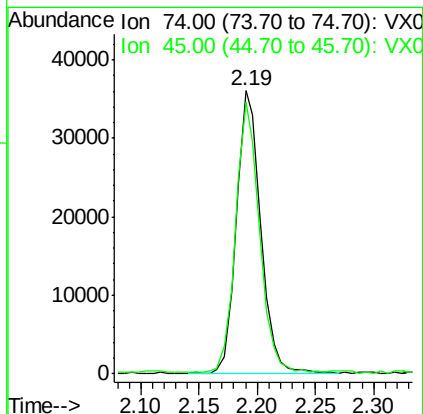
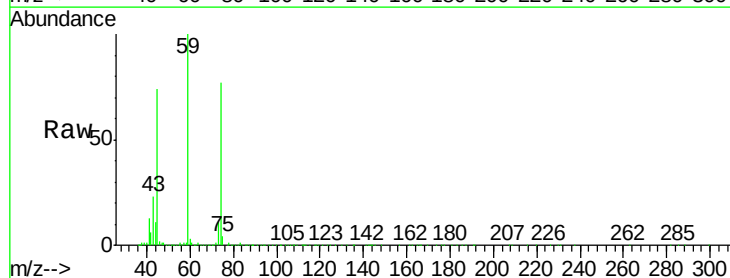
MMDadoda
2/19/2019 11:01:18 AM

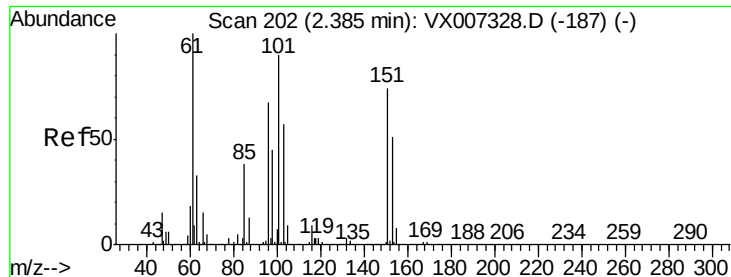


#8

Diethyl Ether
Concen: 18.668 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.390 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

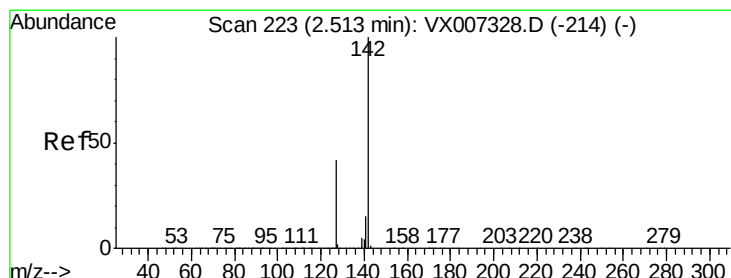
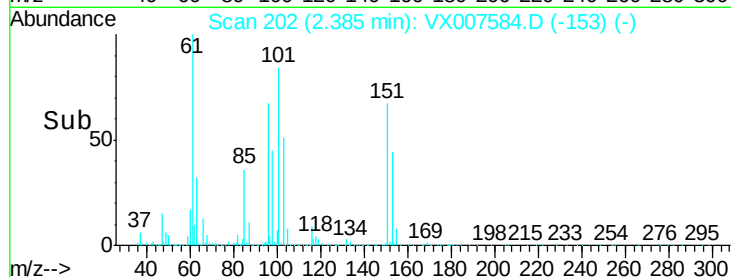
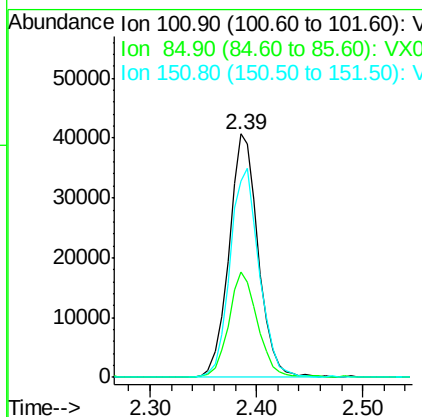
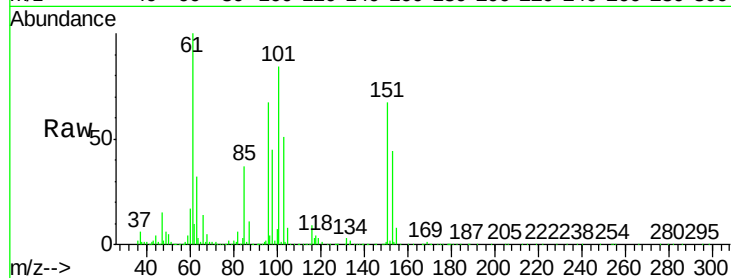
ClientSampleId :

VX0218WBSD01

Tot Ion:	101	Resp:	77759
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.1	51.1
151	86.9	69.9	104.9

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#10

Methyl Iodide

Concen: 14.030 ug/l

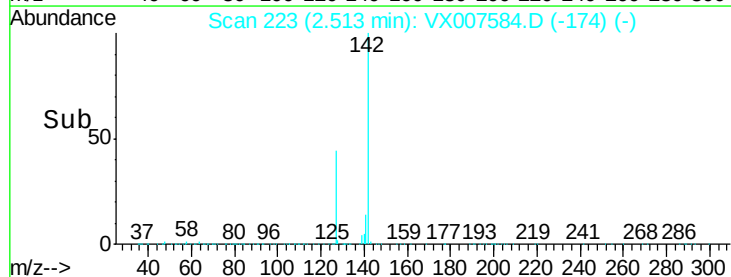
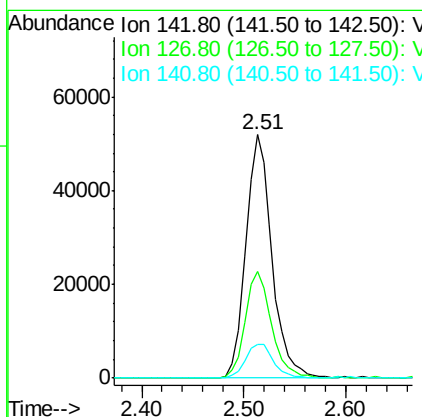
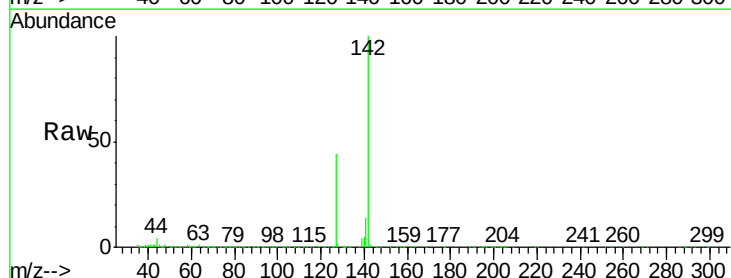
RT: 2.51 min Scan# 223

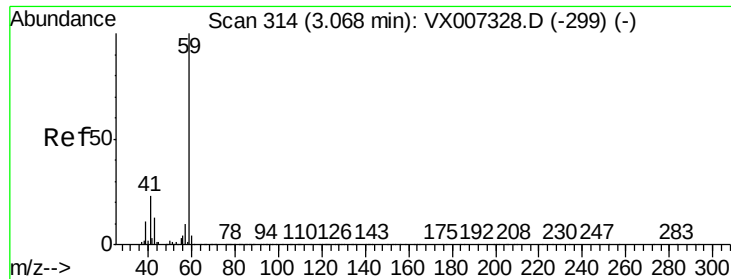
Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion:	142	Resp:	92286
Ion Ratio	Lower	Upper	
142	100		
127	44.3	33.7	50.5
141	15.1	11.3	16.9





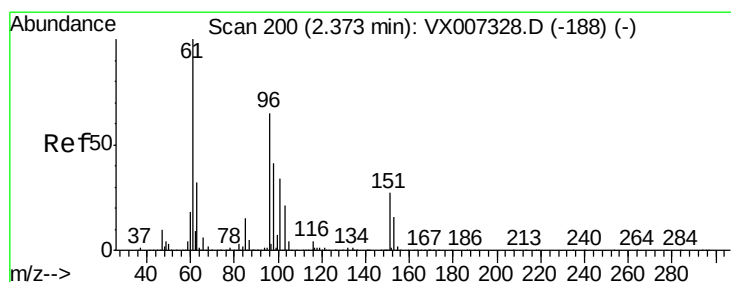
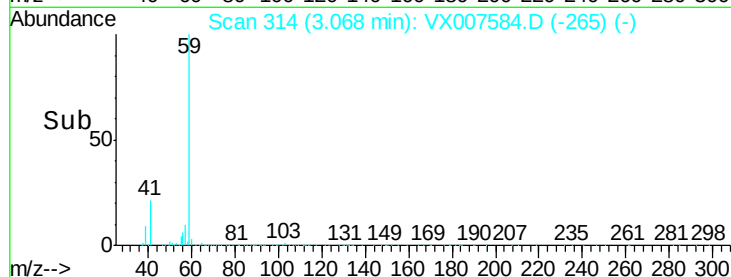
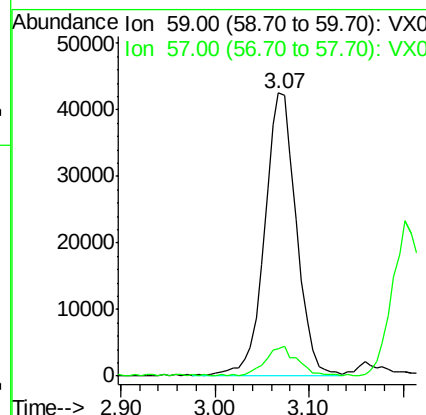
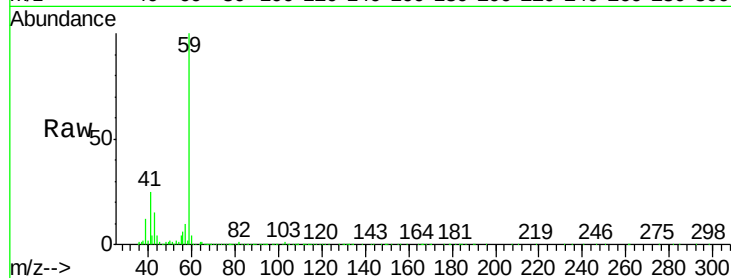
#11
Tert butyl alcohol
Concen: 104.117 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.1	12.1

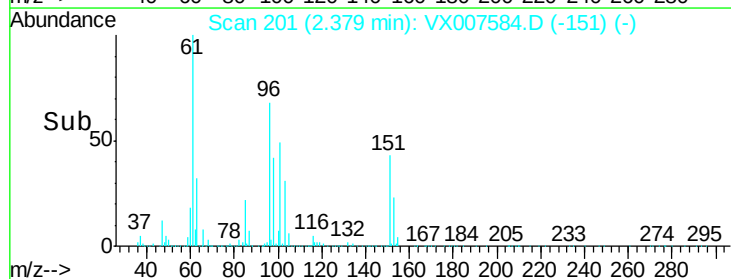
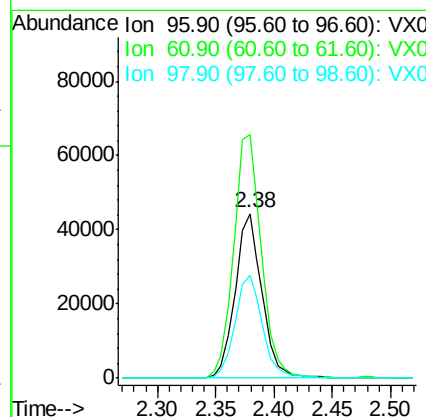
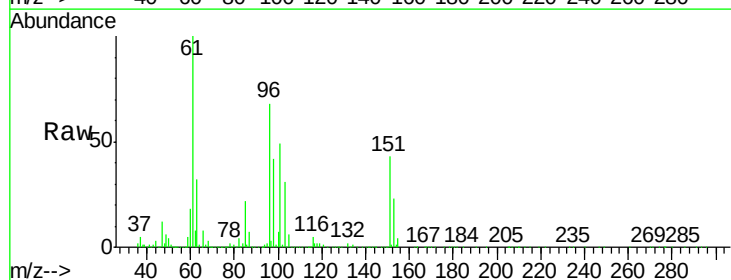
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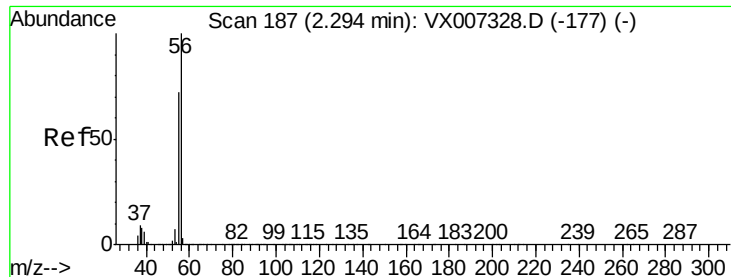
MMDadoda
2/19/2019 11:01:18 AM



#12
1,1-Dichloroethene
Concen: 17.095 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.5	123.0	184.4
98	61.9	50.9	76.3





#13

Acrolein

Concen: 76.693 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 56 Resp: 34354

Ion Ratio Lower Upper

56 100

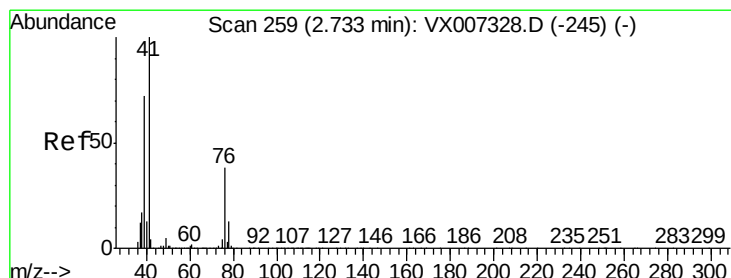
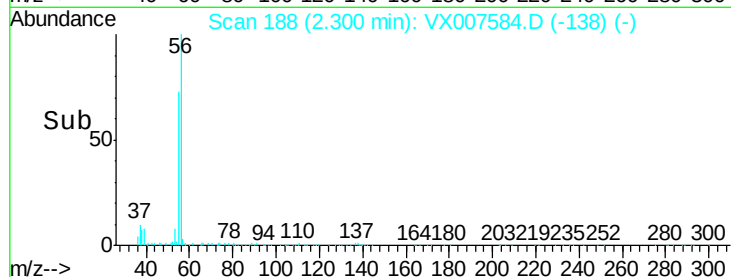
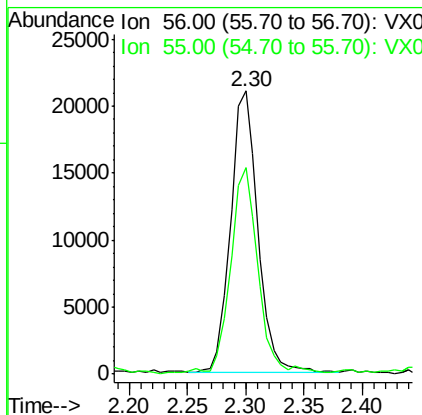
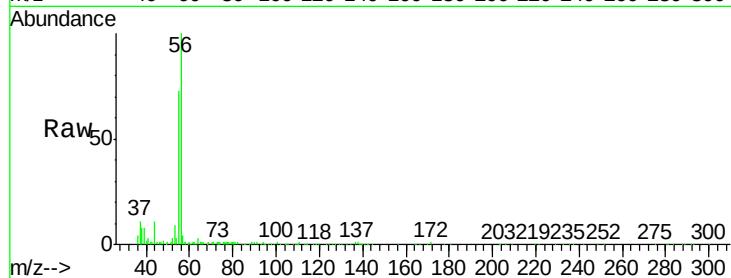
55 72.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 18.112 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

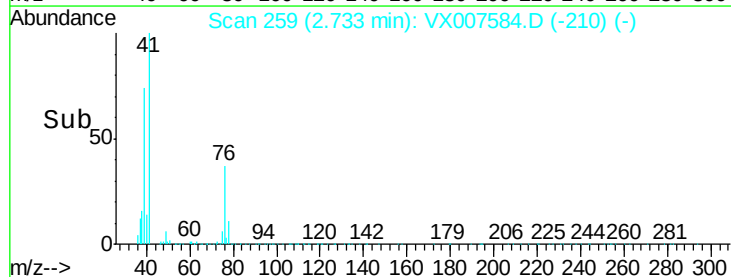
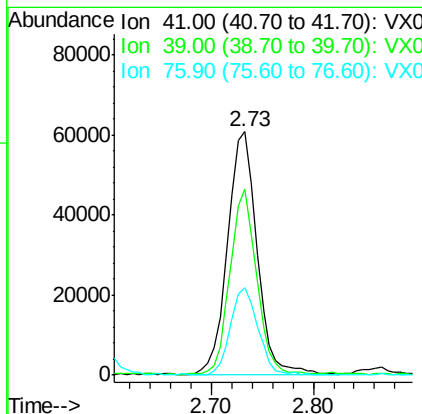
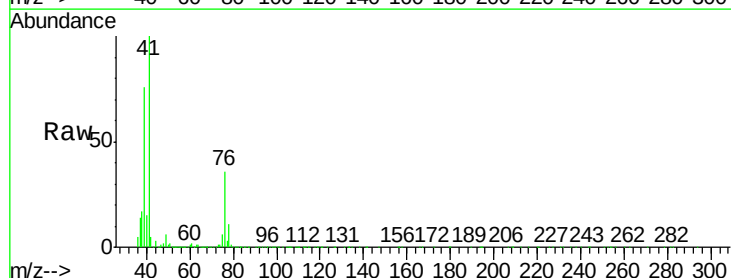
Tgt Ion: 41 Resp: 122537

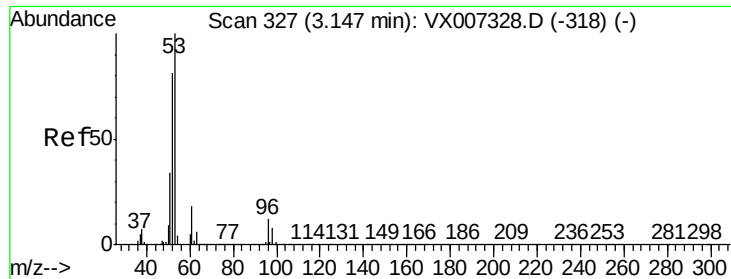
Ion Ratio Lower Upper

41 100

39 67.9 54.1 81.1

76 32.4 27.8 41.8





#15

Acrylonitrile

Concen: 95.784 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

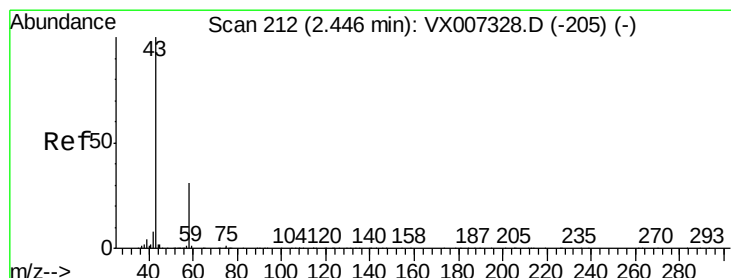
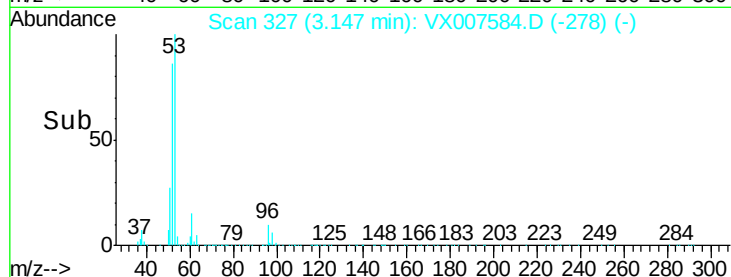
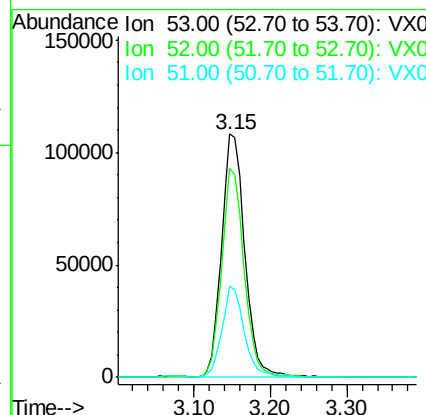
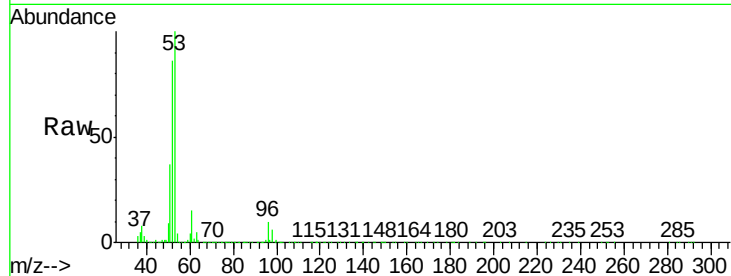
ClientSampleId :

VX0218WBSD01

Tot Ion:	53	Resp:	226348
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.4	99.6
51	37.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 94.227 ug/l

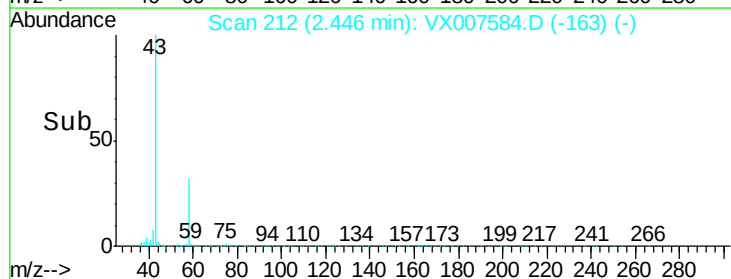
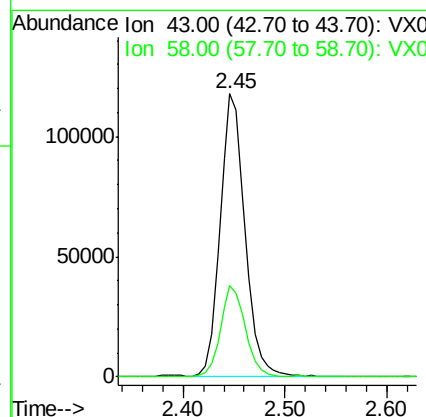
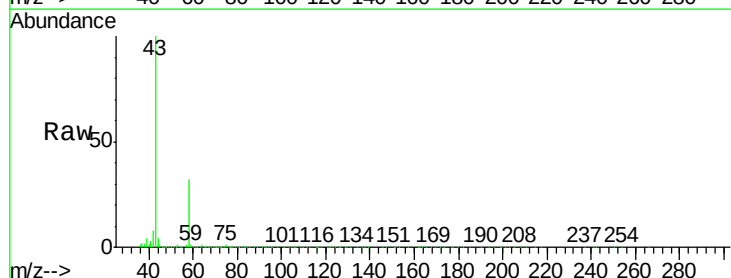
RT: 2.45 min Scan# 212

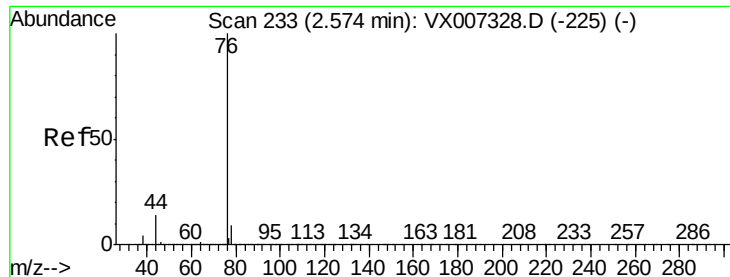
Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion:	43	Resp:	199234
Ion Ratio	Lower	Upper	
43	100		
58	32.4	24.9	37.3





#17

Carbon Disulfide

Concen: 16.555 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 76 Resp: 163657

Ion Ratio Lower Upper

76 100

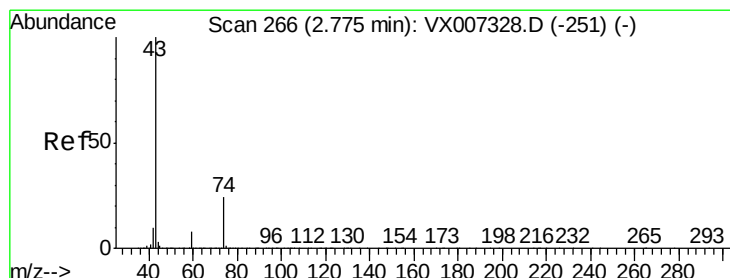
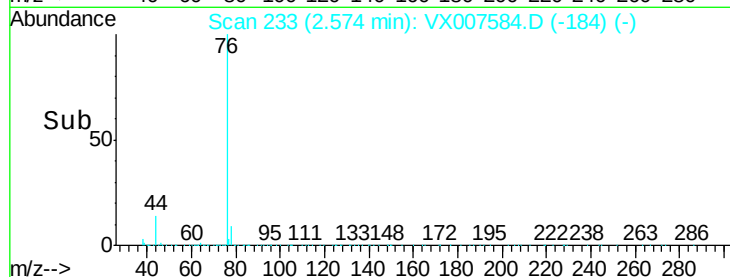
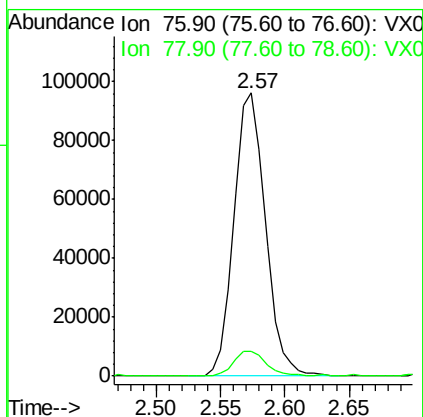
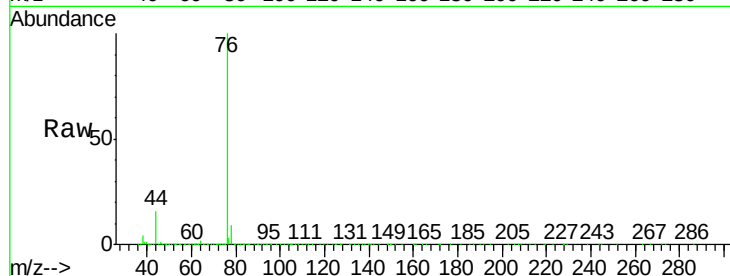
78 8.7 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 23.173 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007584.D

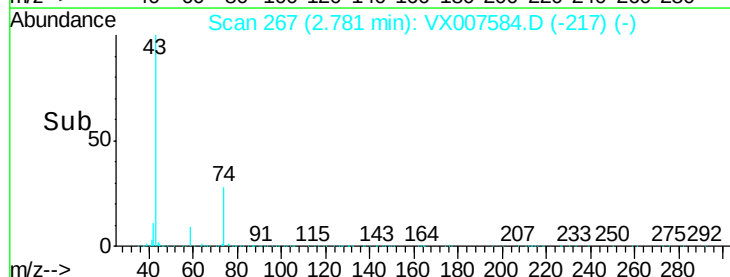
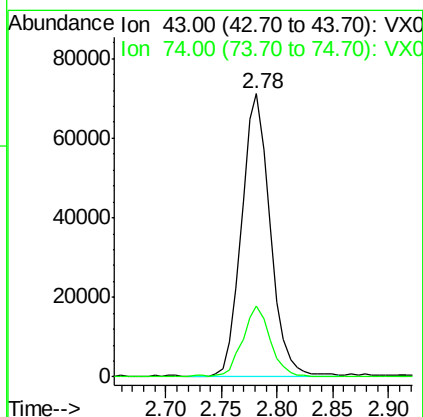
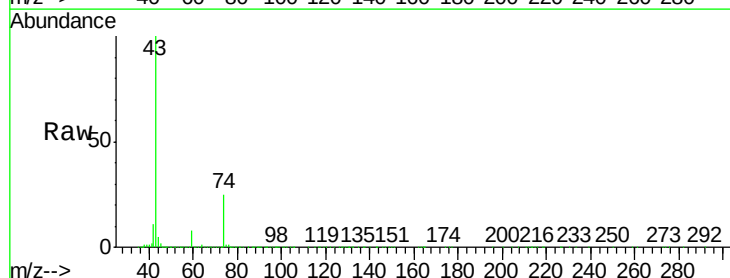
Acq: 18 Feb 2019 13:18

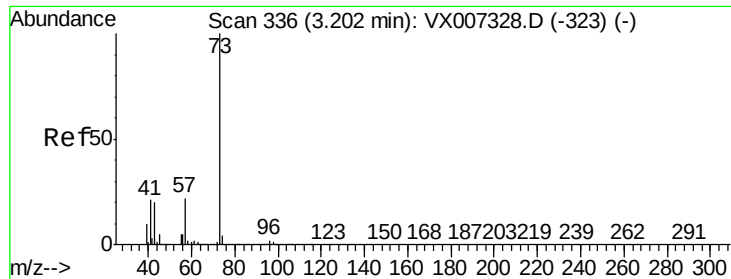
Tgt Ion: 43 Resp: 125886

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2





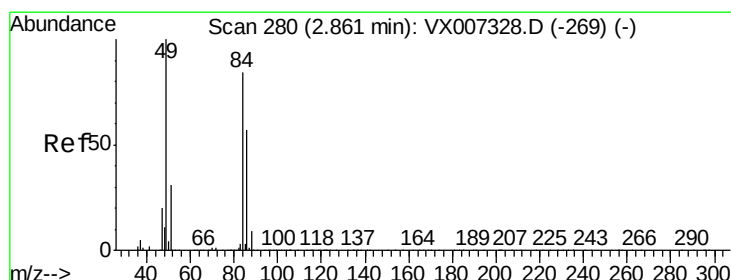
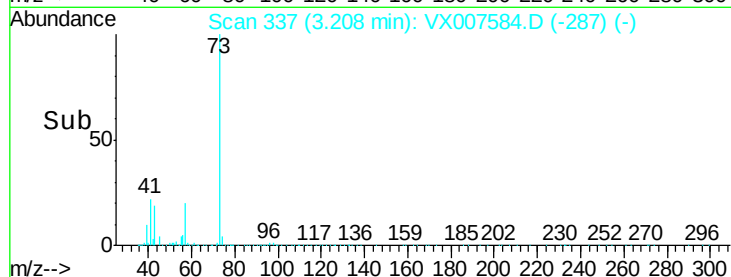
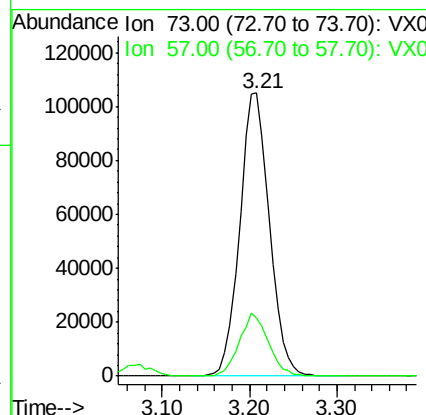
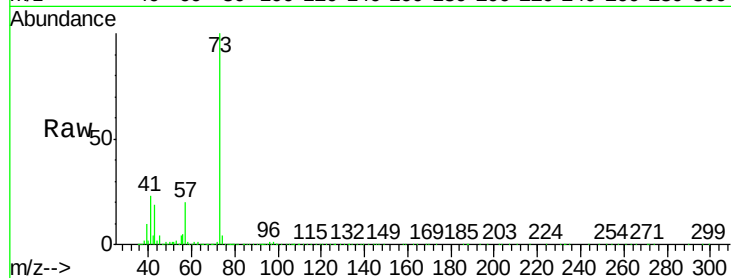
#19
Methyl tert-butyl Ether
Concen: 18.349 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.8	26.8

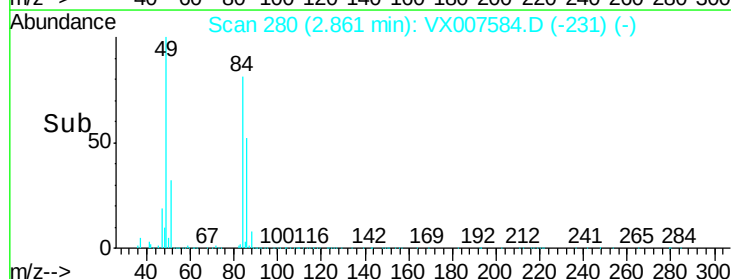
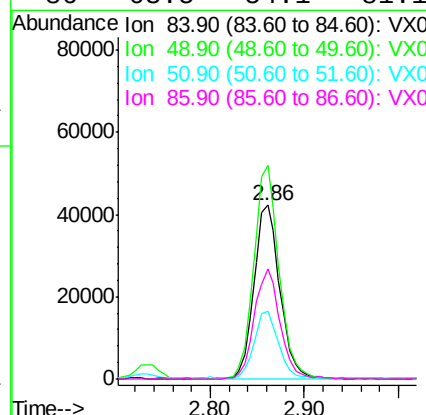
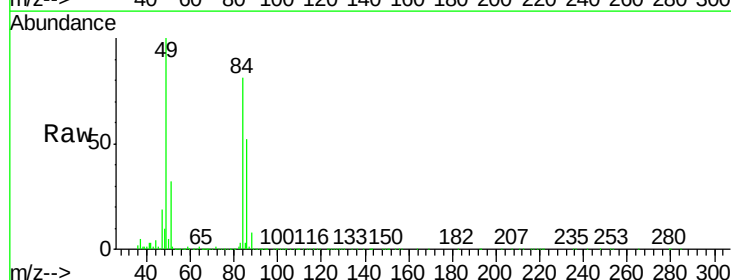
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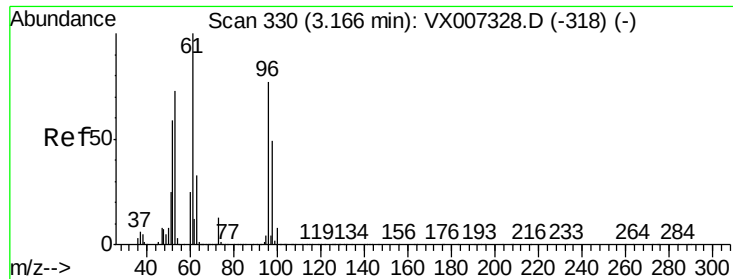
MMDadoda
2/19/2019 11:01:18 AM



#20
Methylene Chloride
Concen: 18.770 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	94.8	142.2
51	38.6	29.8	44.8
86	63.5	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 17.087 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

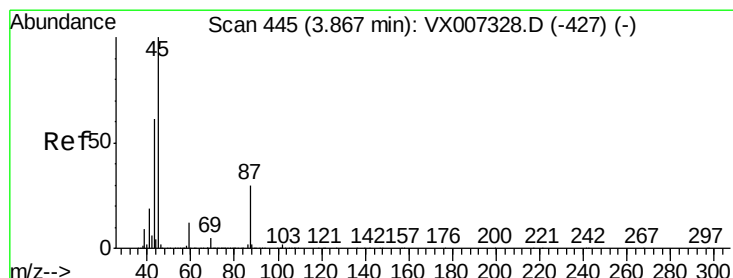
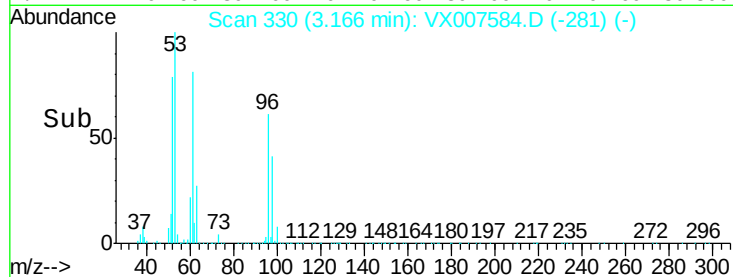
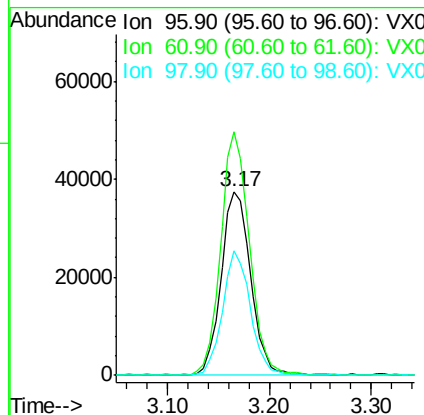
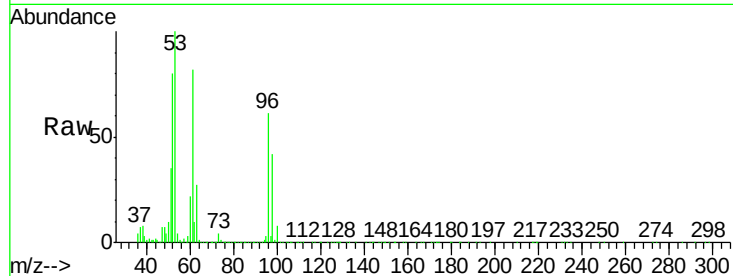
ClientSampleId :

VX0218WBSD01

Tot Ion:	96	Resp:	75579
Ion Ratio	Lower	Upper	
96	100		
61	132.1	104.6	156.8
98	67.4	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.846 ug/l

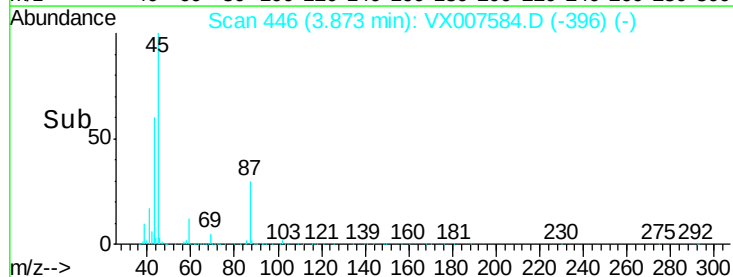
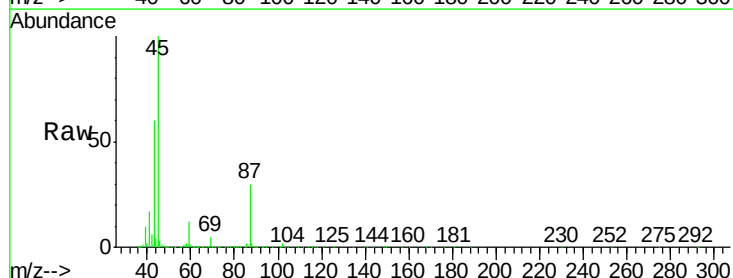
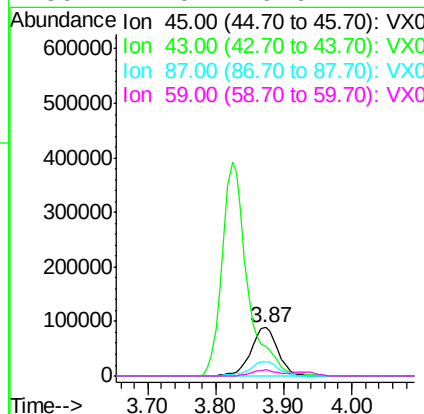
RT: 3.87 min Scan# 446

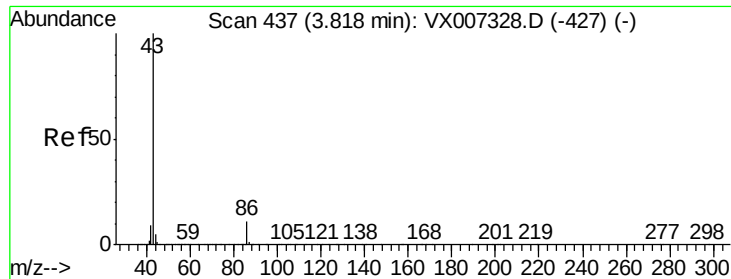
Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion:	45	Resp:	246979
Ion Ratio	Lower	Upper	
45	100		
43	59.6	48.9	73.3
87	29.7	23.9	35.9
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 98.506 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampled :

VX0218WBSD01

Tot Ion: 43 Resp: 1017250

Ion Ratio Lower Upper

43 100

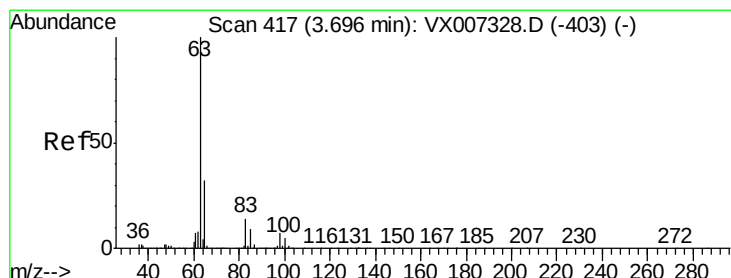
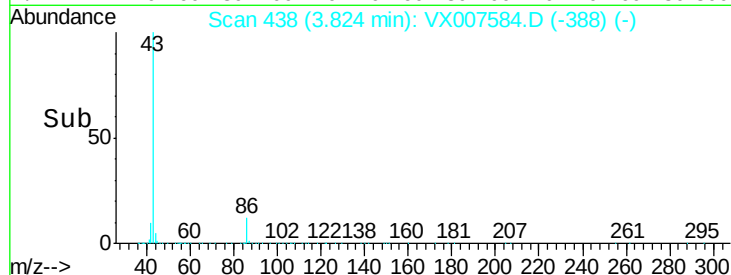
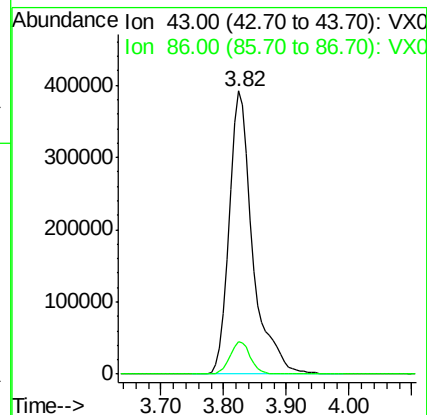
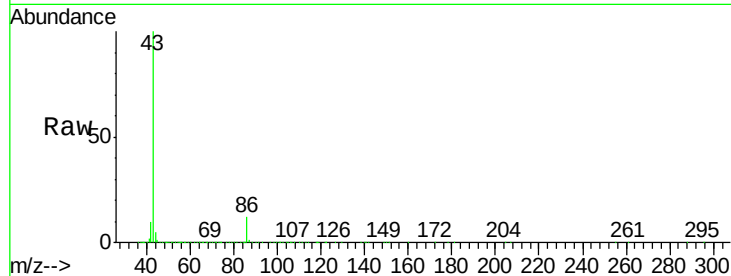
86 11.5 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.623 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

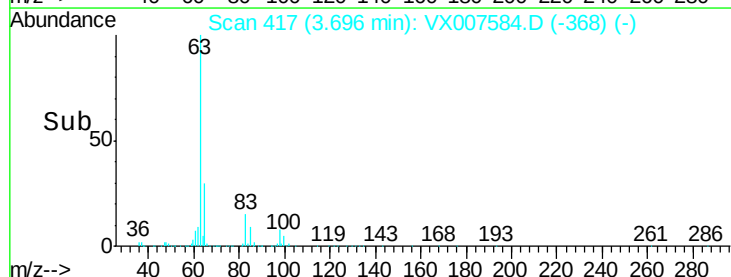
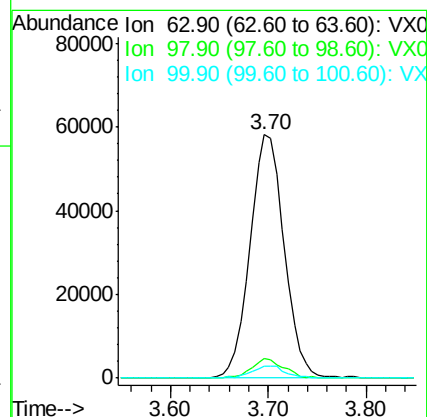
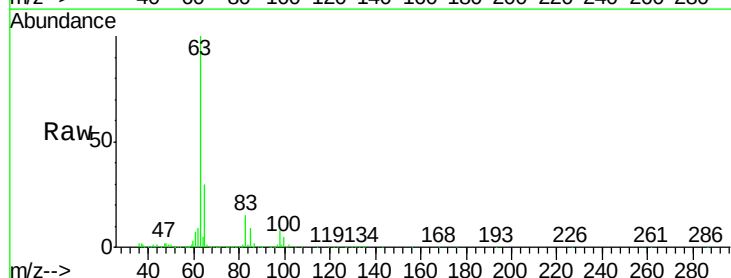
Tgt Ion: 63 Resp: 140239

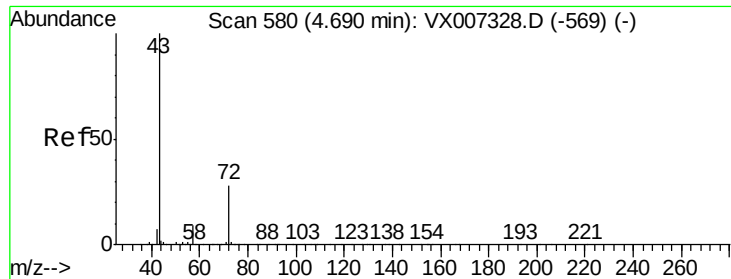
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 104.509 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 43 Resp: 314471

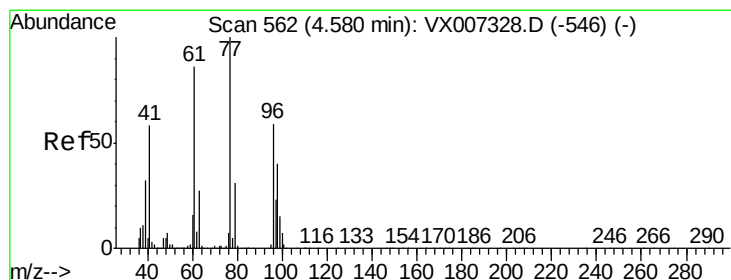
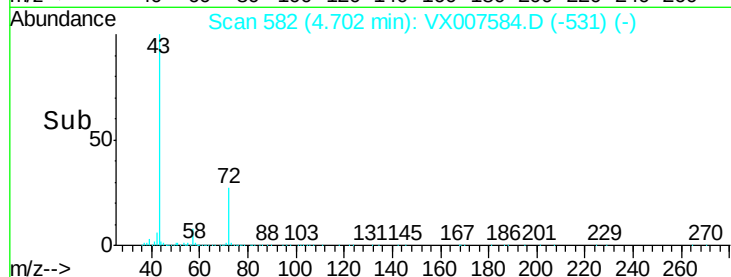
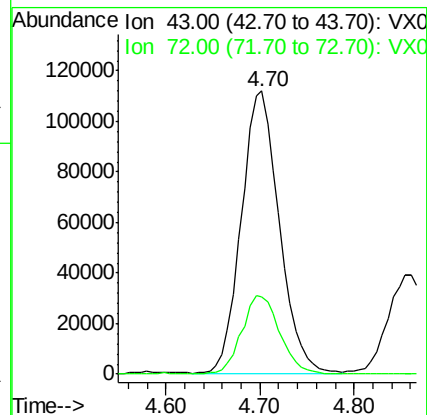
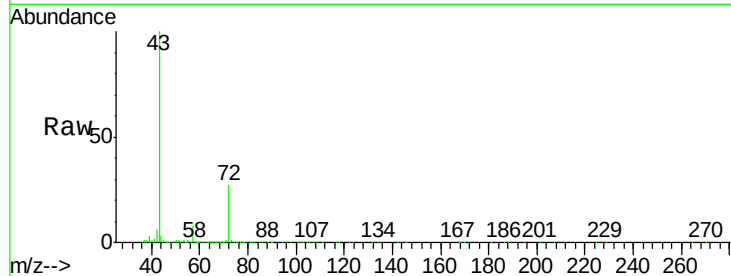
Ion Ratio Lower Upper

43 100

72 27.3 22.2 33.2

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2/19/2019 11:01:18 AM



#26

2,2-Dichloropropane

Concen: 18.360 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007584.D

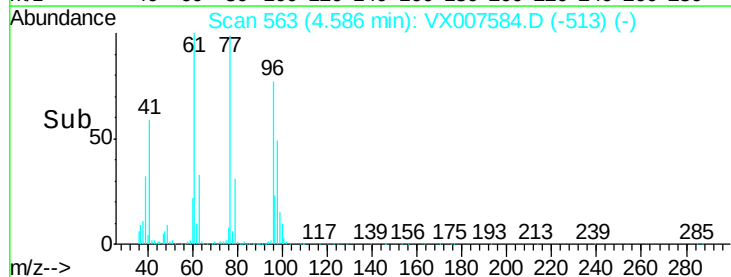
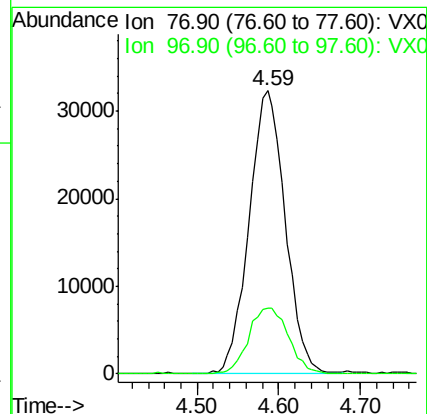
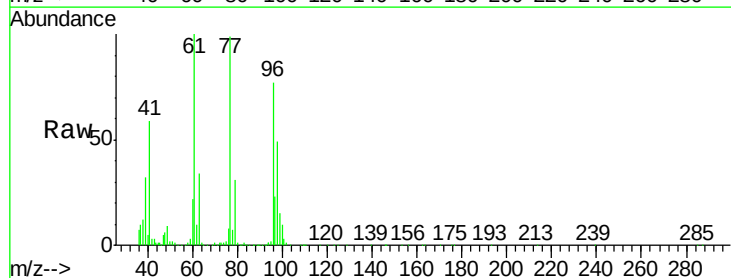
Acq: 18 Feb 2019 13:18

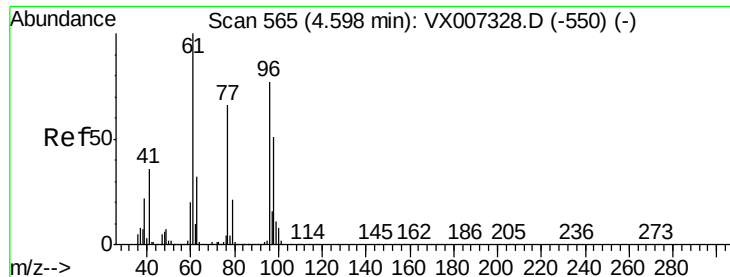
Tgt Ion: 77 Resp: 99925

Ion Ratio Lower Upper

77 100

97 25.4 12.1 36.3





#27

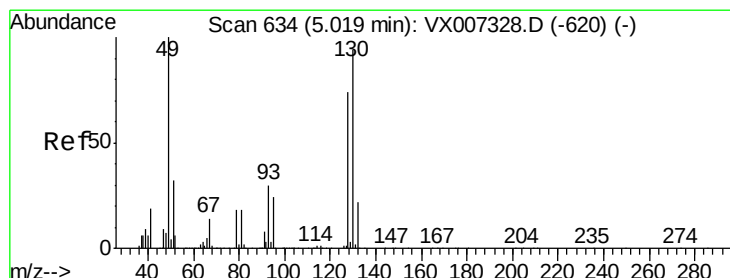
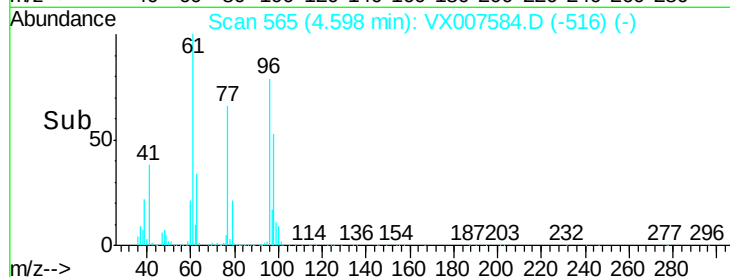
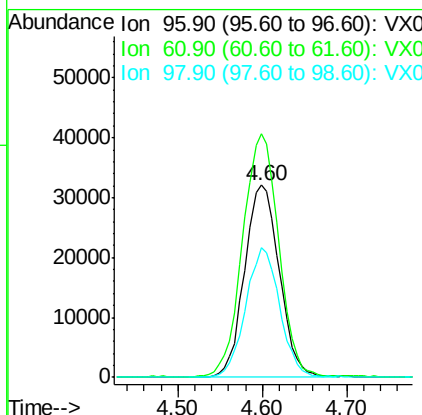
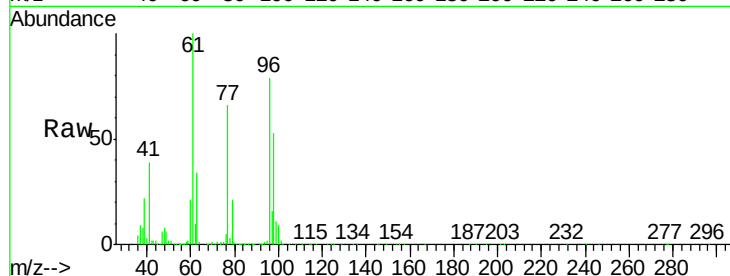
cis-1,2-Dichloroethene
 Concen: 18.674 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	265.6
98	65.9	0.0	131.6

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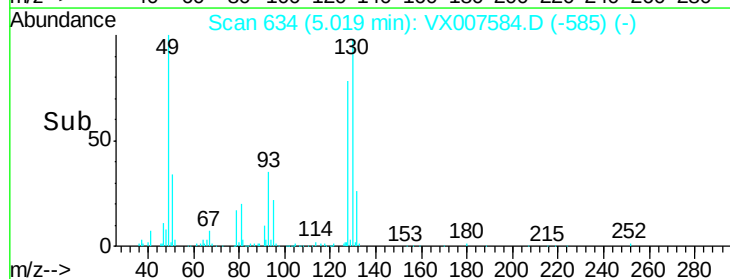
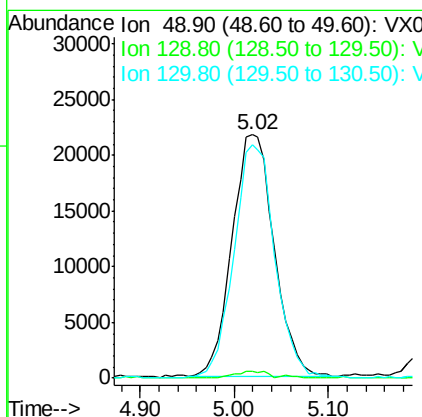
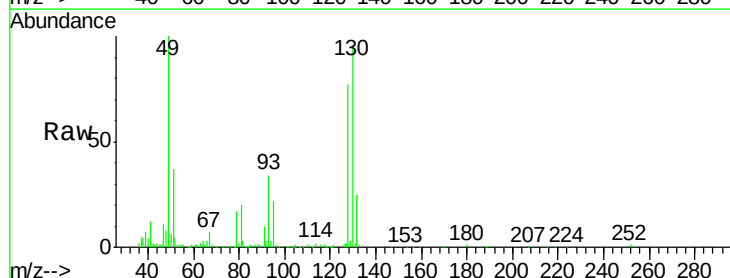
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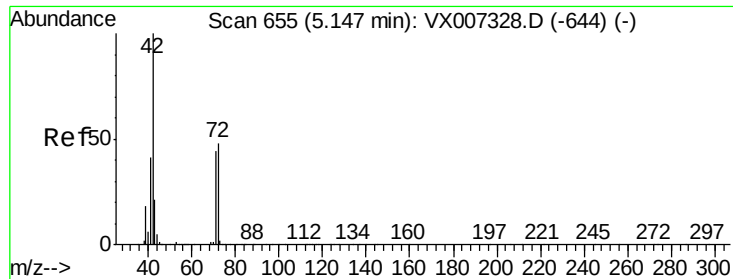


#28

Bromochloromethane
 Concen: 20.643 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.6
130	94.3	75.6	113.4





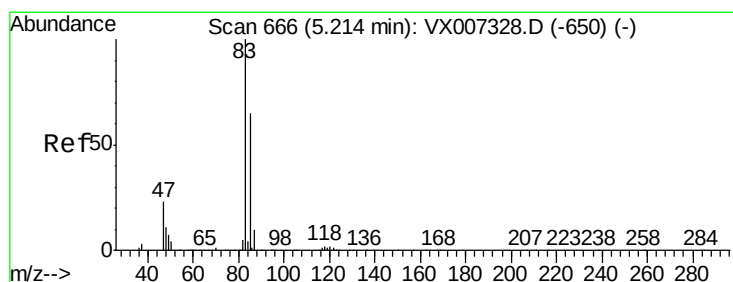
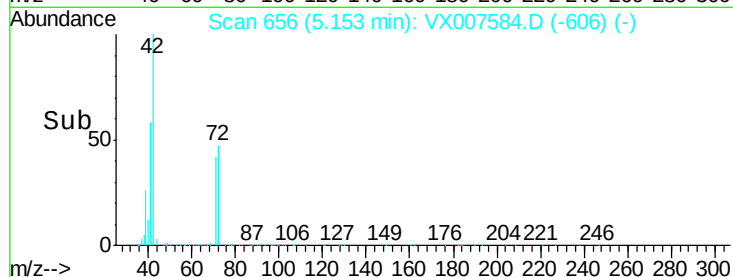
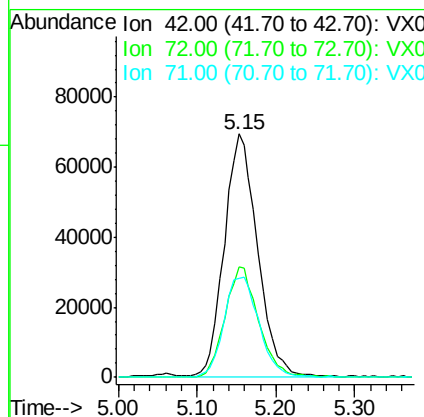
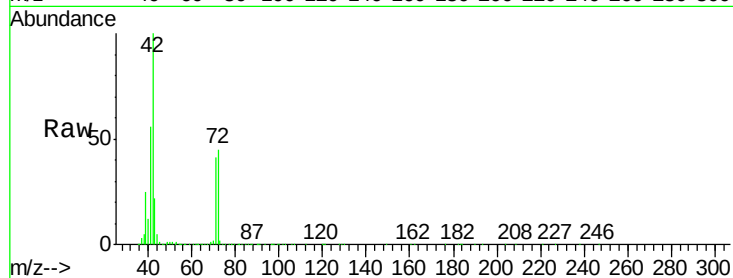
#29
Tetrahydrofuran
Concen: 107.451 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.6	56.4
71	43.7	34.6	51.8

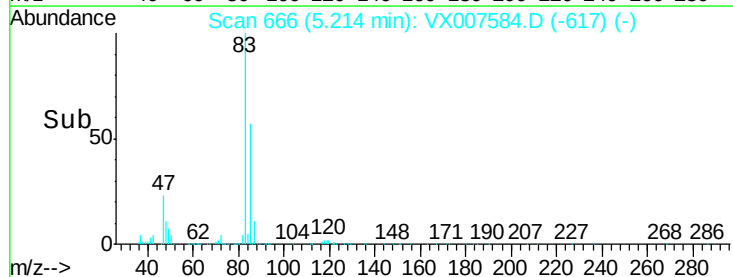
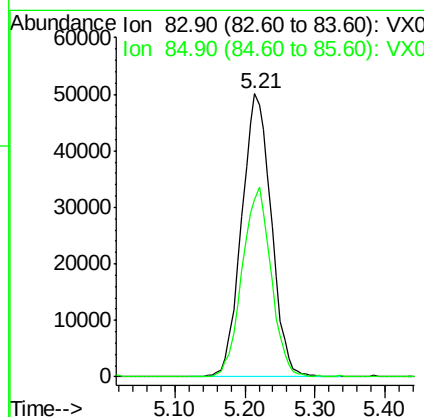
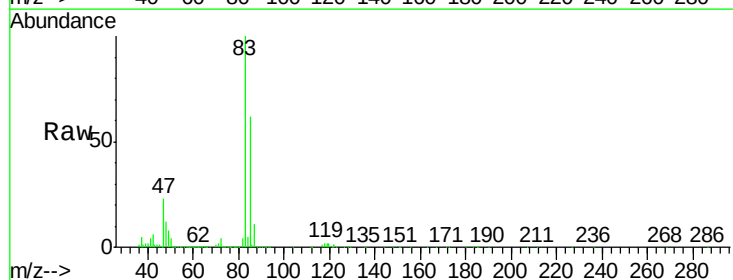
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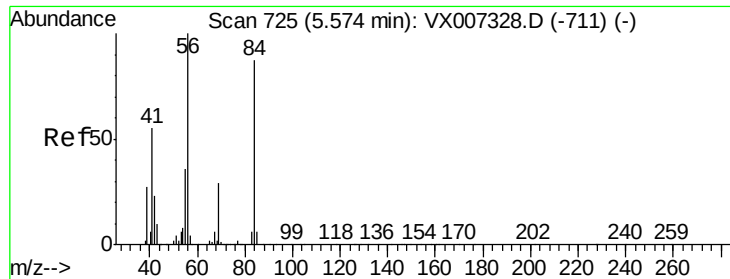
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2/19/2019 11:01:18 AM



#30
Chloroform
Concen: 19.783 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.6	77.4





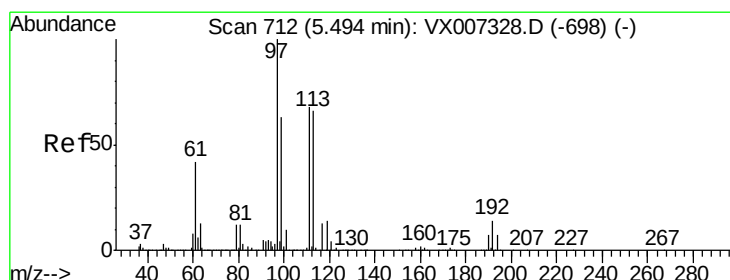
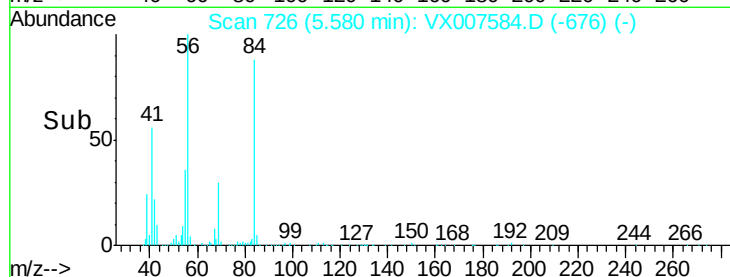
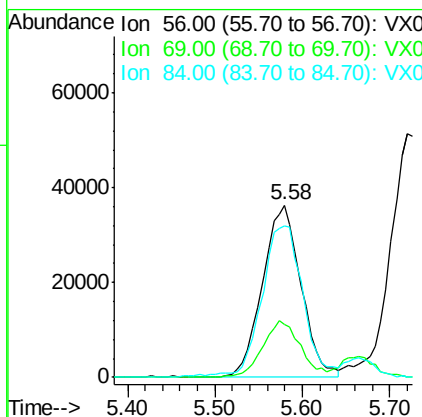
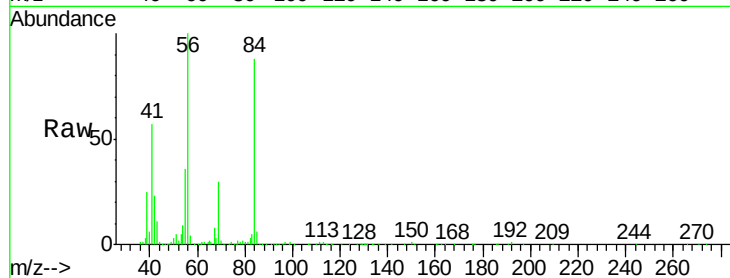
#31
Cyclohexane
Concen: 17.397 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.0	34.6
84	86.9	69.8	104.6

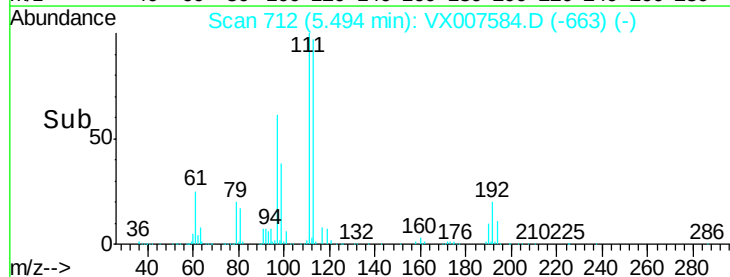
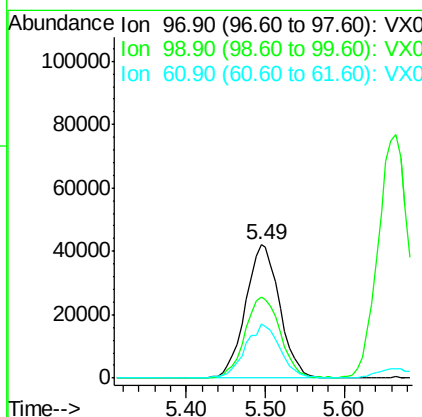
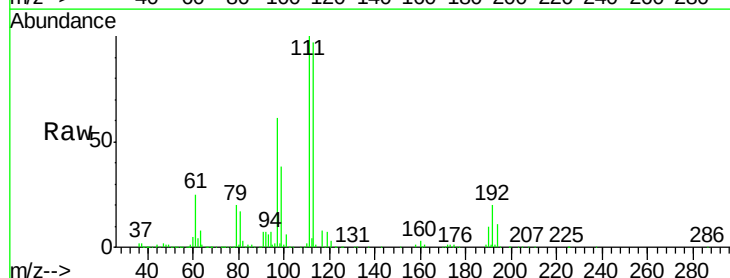
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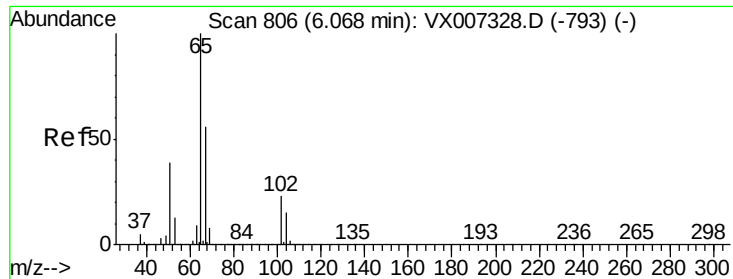
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#32
1,1,1-Trichloroethane
Concen: 20.066 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.2	78.2
61	40.4	32.7	49.1





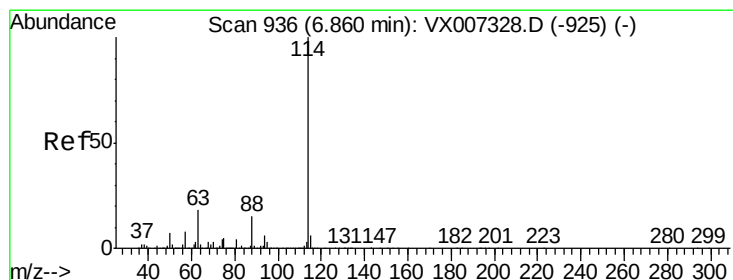
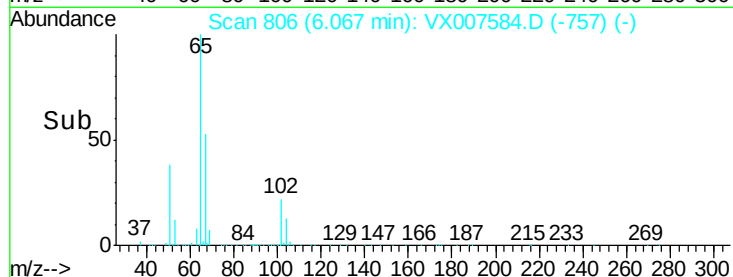
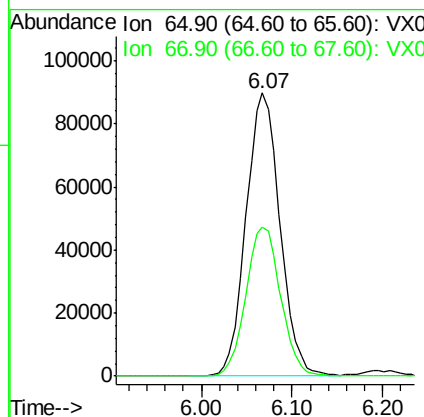
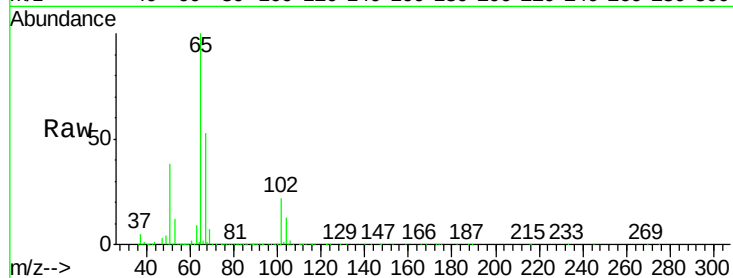
#33
 1,2-Dichloroethane-d4
 Concen: 50.472 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	232972		
67	53.9	0.0	108.8	

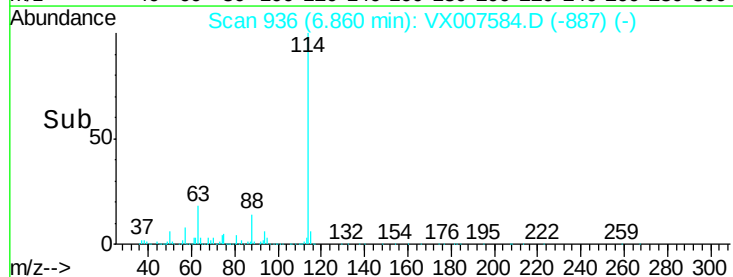
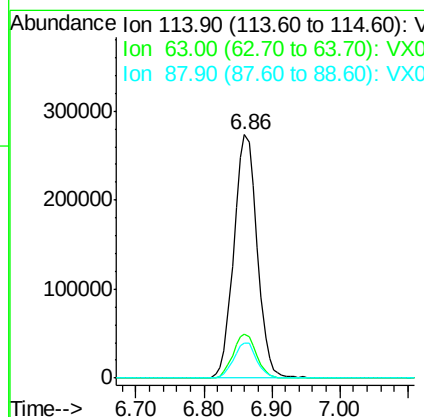
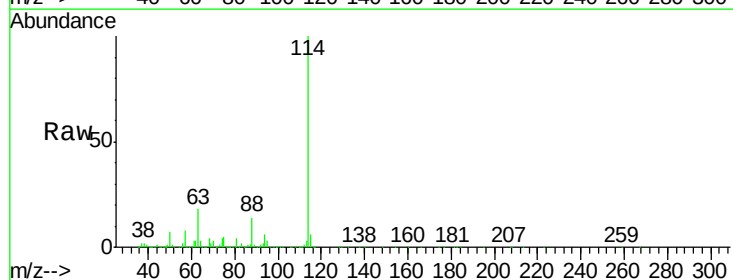
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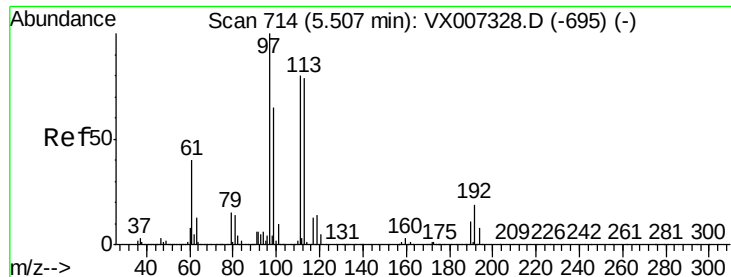
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	651557		
63	18.0	0.0	35.6	
88	14.4	0.0	29.6	





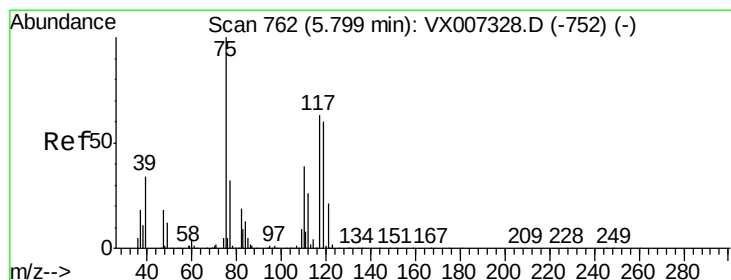
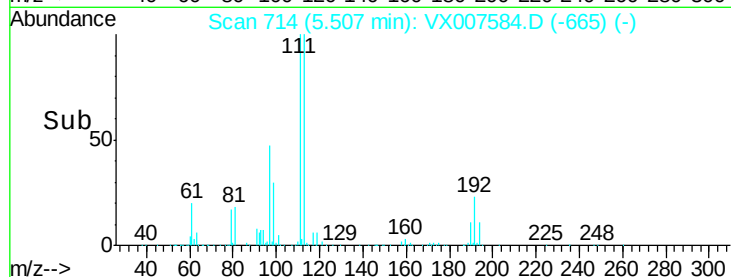
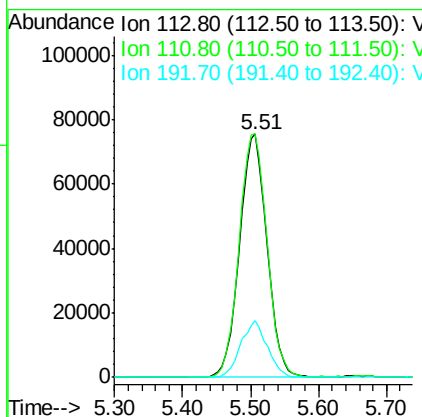
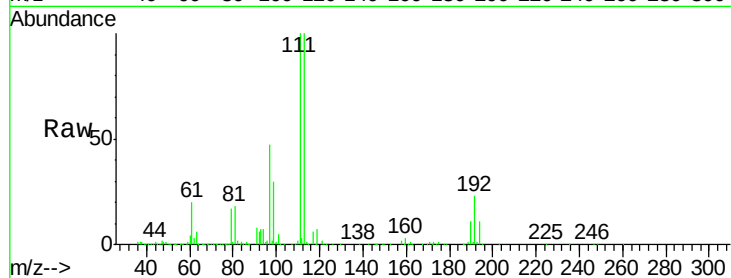
#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	210852		
111	101.6		81.8	122.8
192	22.7		18.5	27.7

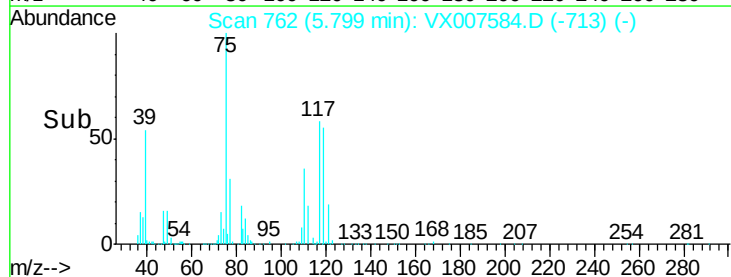
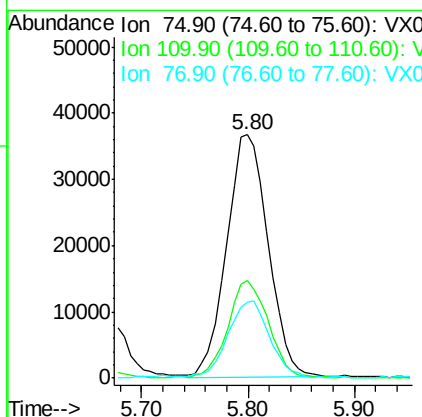
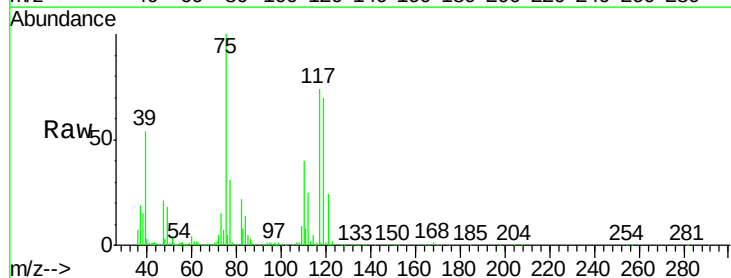
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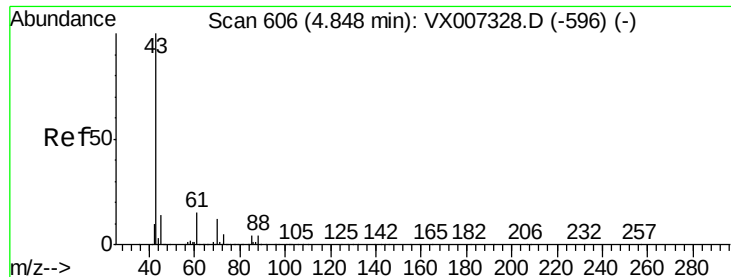
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#36
1,1-Dichloropropene
Concen: 17.118 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	100072		
110	40.0		20.0	59.9
77	32.3		24.7	37.1





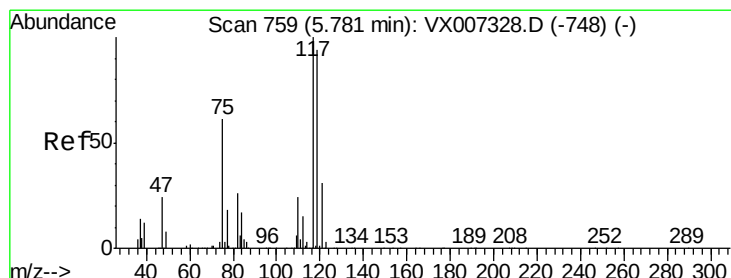
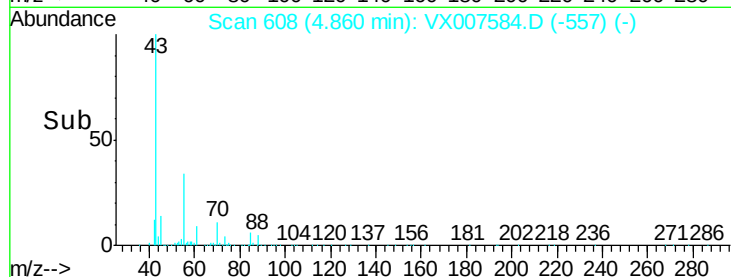
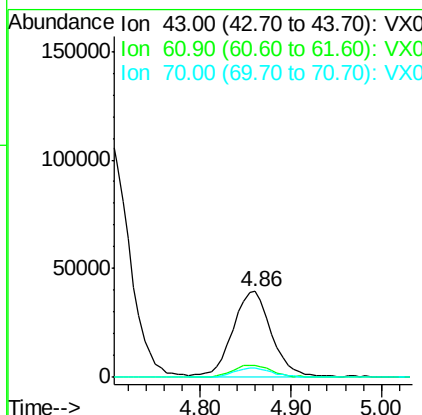
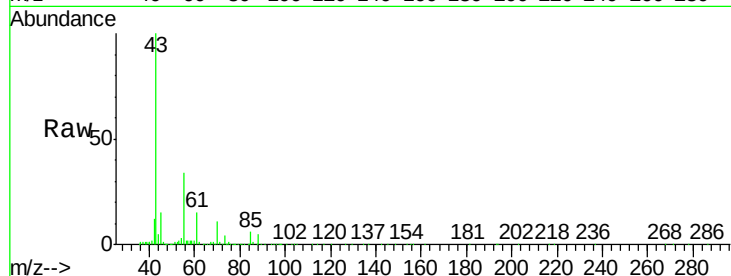
#37
Ethyl Acetate
Concen: 19.448 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion:	43	Resp:	114931
Ion Ratio	Lower	Upper	
43	100		
61	15.5	11.3	16.9
70	11.5	8.6	13.0

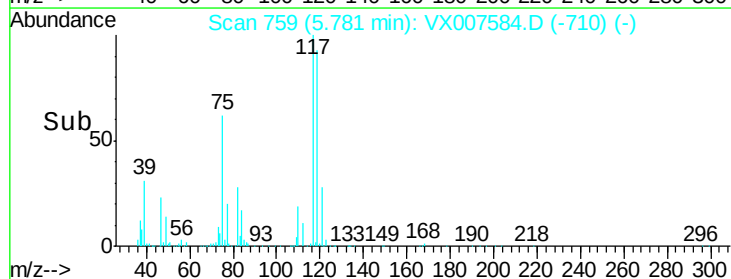
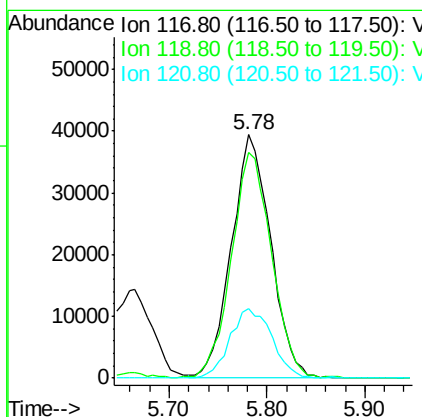
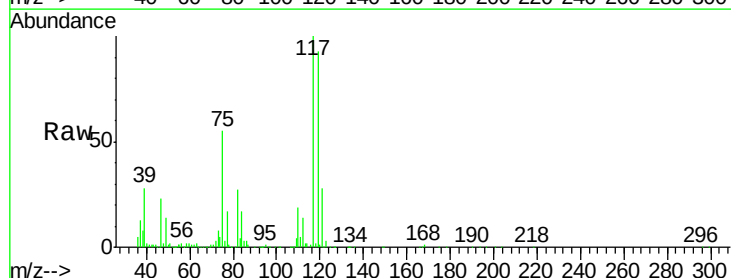
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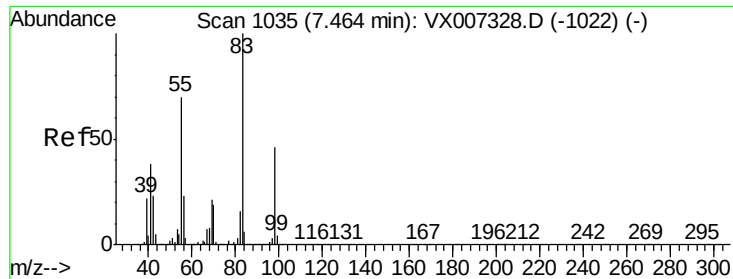
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#38
Carbon Tetrachloride
Concen: 19.363 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion:	117	Resp:	109817
Ion Ratio	Lower	Upper	
117	100		
119	91.9	75.3	112.9
121	28.3	25.0	37.4





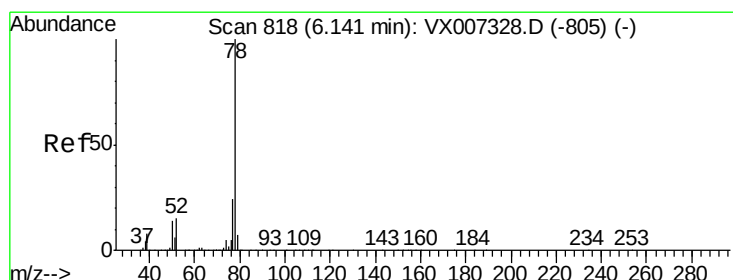
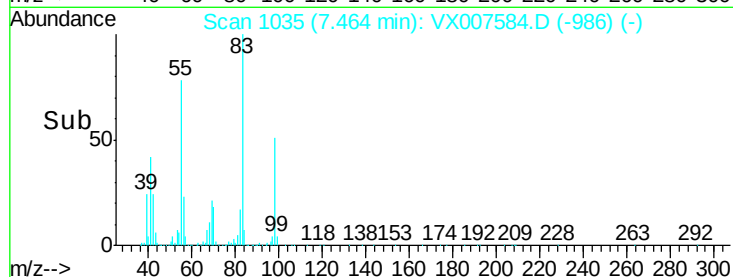
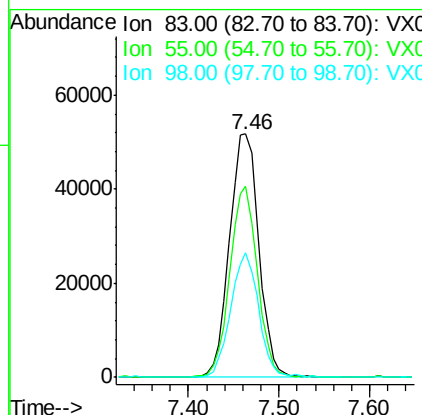
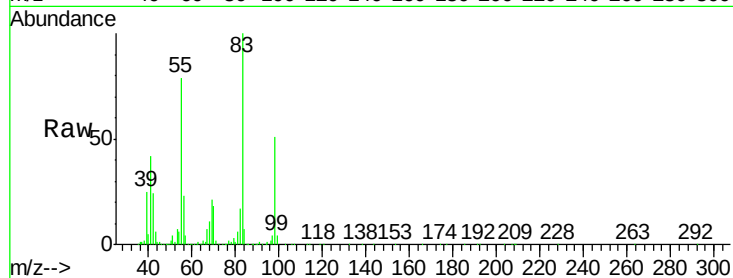
#39
Methylvlcyclohexane
Concen: 16.504 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	56.2	84.2
98	51.2	36.8	55.2

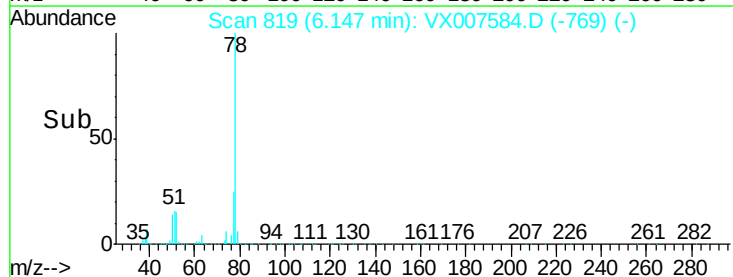
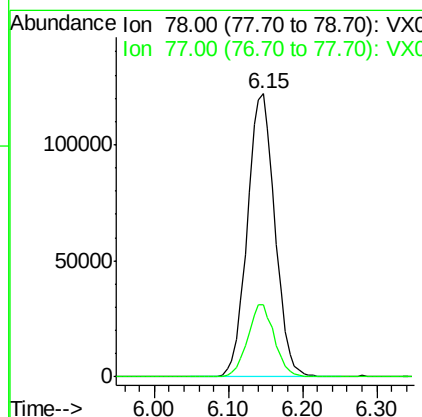
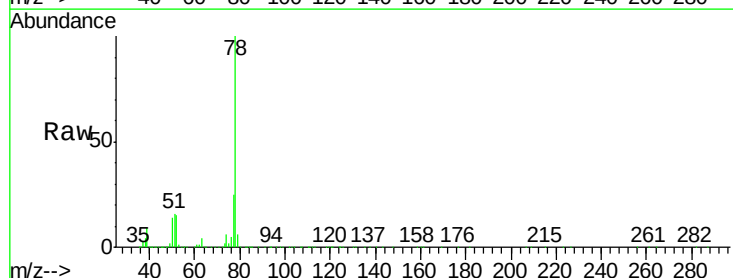
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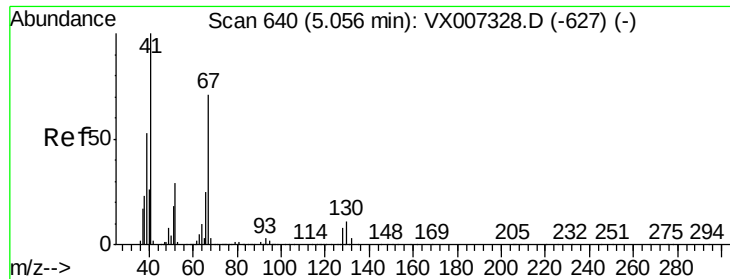
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#40
Benzene
Concen: 18.460 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.3	28.9





#41

Methacrylonitrile

Concen: 20.513 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

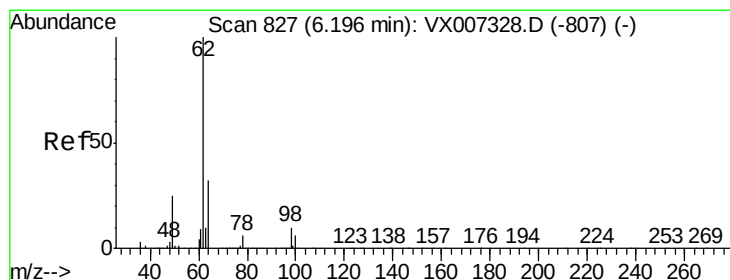
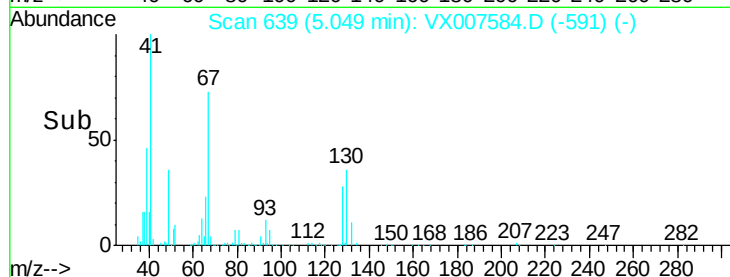
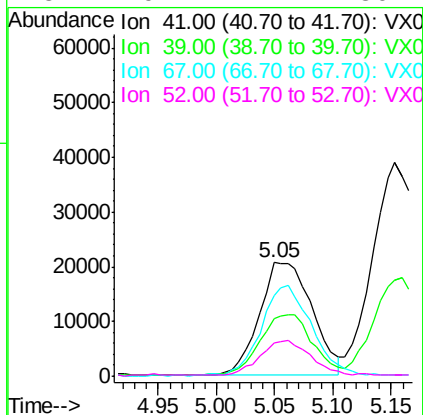
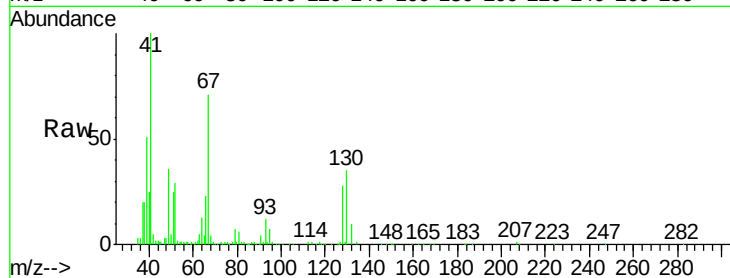
ClientSampleId :

VX0218WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	44.5	66.7	
67	77.9	60.4	90.6	
52	29.4	24.1	36.1	

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#42

1,2-Dichloroethane

Concen: 18.813 ug/l

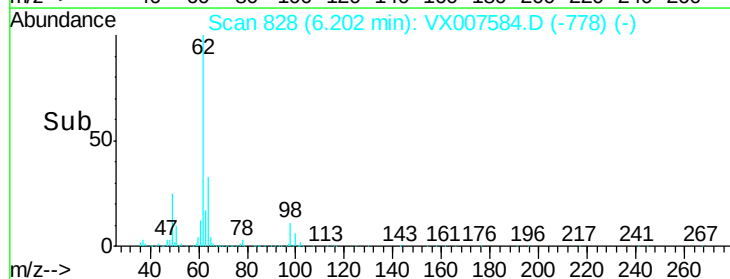
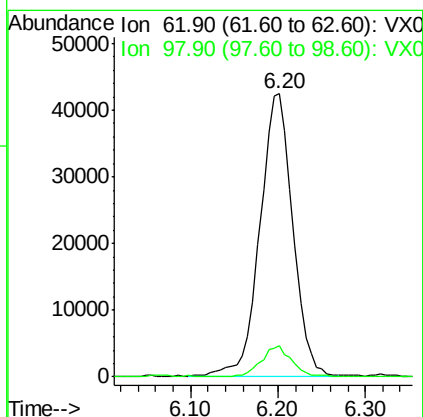
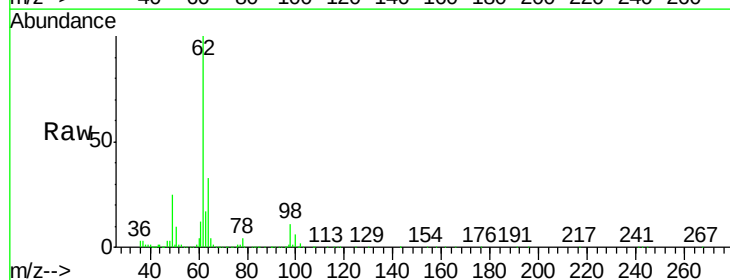
RT: 6.20 min Scan# 828

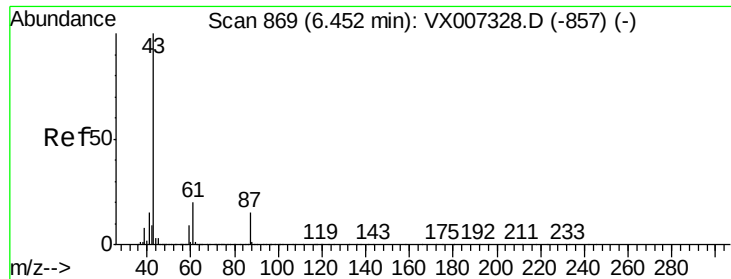
Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.0	





#43

Isopropyl Acetate

Concen: 19.781 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

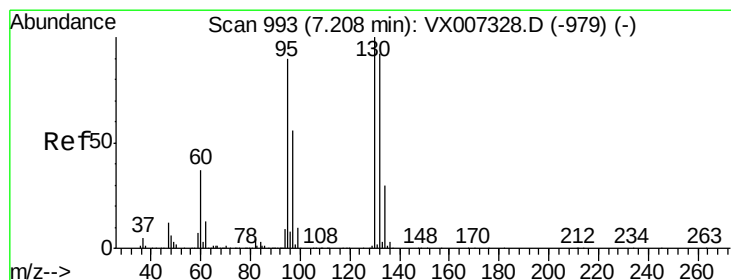
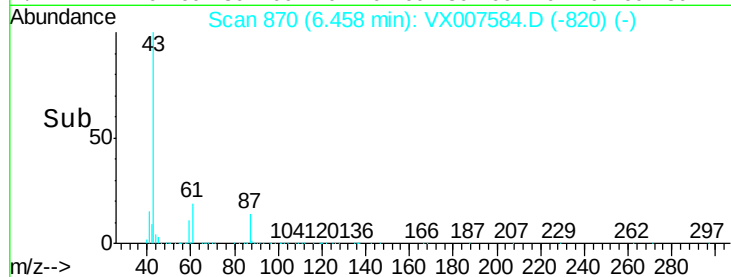
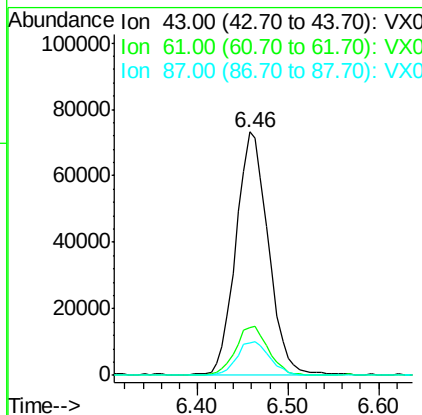
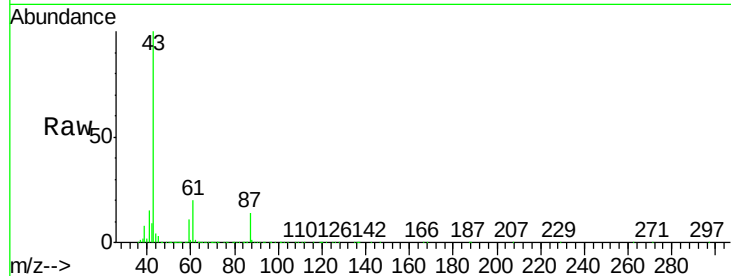
ClientSampleId :

VX0218WBSD01

Tot Ion:	43	Resp:	180430
Ion Ratio		Lower	Upper
43	100		
61	20.6	16.1	24.1
87	14.3	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 17.684 ug/l

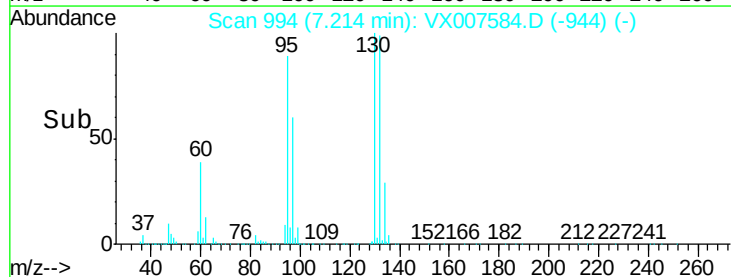
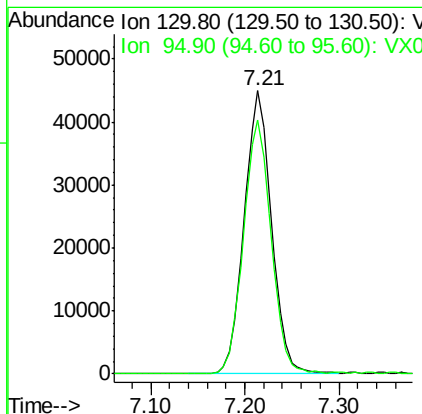
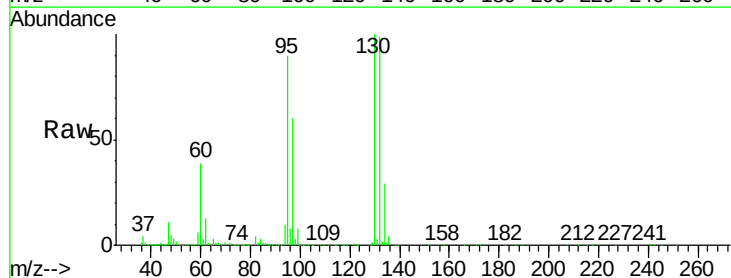
RT: 7.21 min Scan# 994

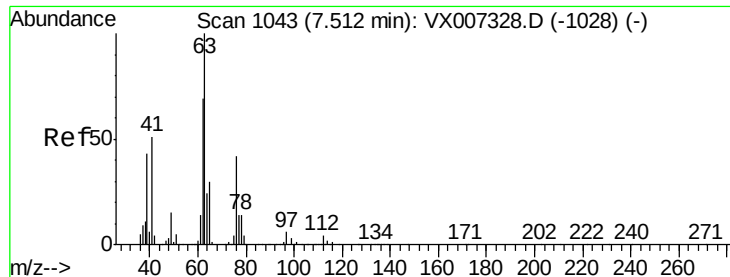
Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion:	130	Resp:	91718
Ion Ratio		Lower	Upper
130	100		
95	89.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.930 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 63 Resp: 81678

Ion Ratio Lower Upper

63 100

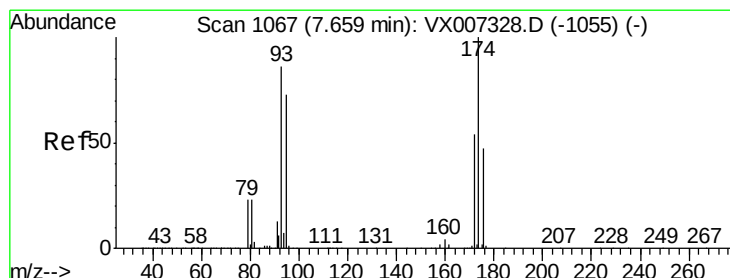
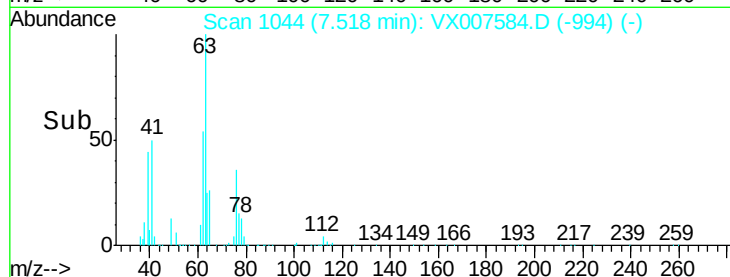
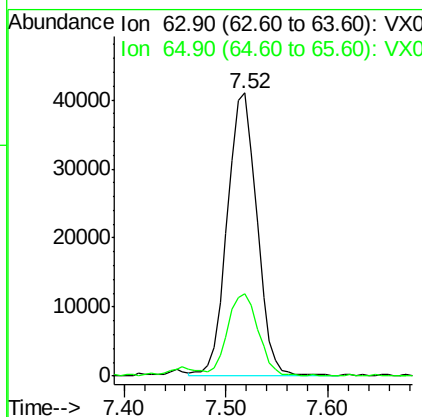
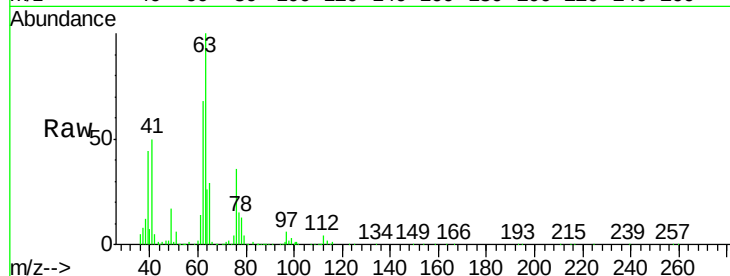
65 29.0 24.2 36.2

Manual Integrations

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MMDadoda

2/19/2019 11:01:18 AM



#46

Dibromomethane

Concen: 18.665 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

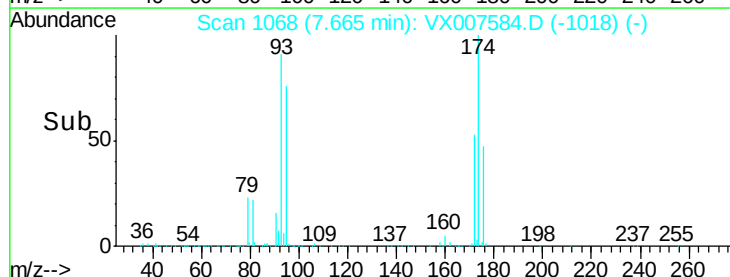
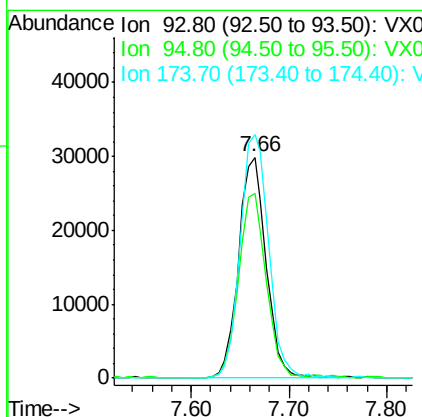
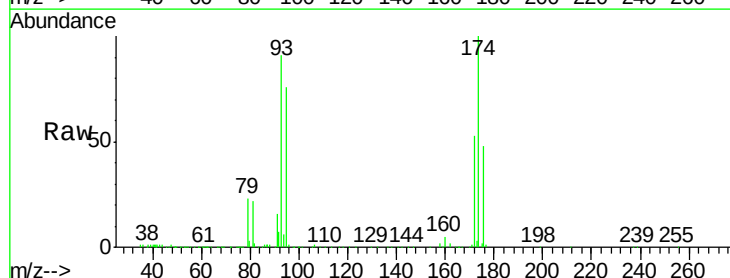
Tgt Ion: 93 Resp: 58533

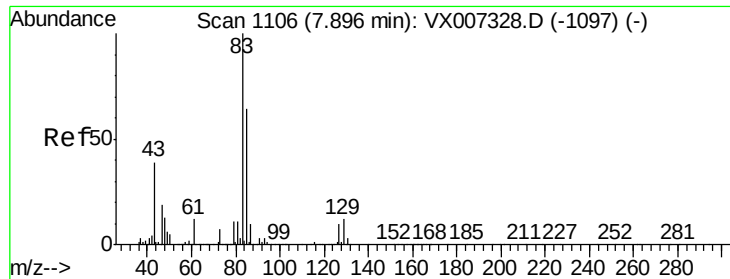
Ion Ratio Lower Upper

93 100

95 83.5 67.6 101.4

174 113.9 94.2 141.4





#47

Bromodichloromethane

Concen: 19.418 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

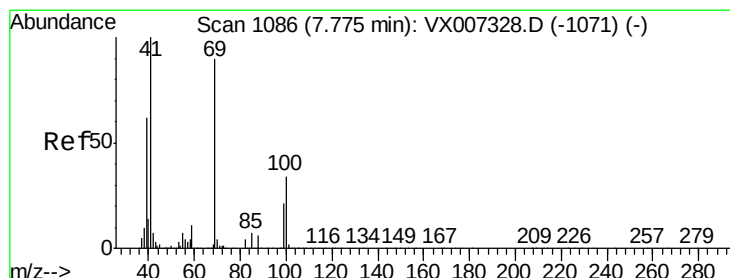
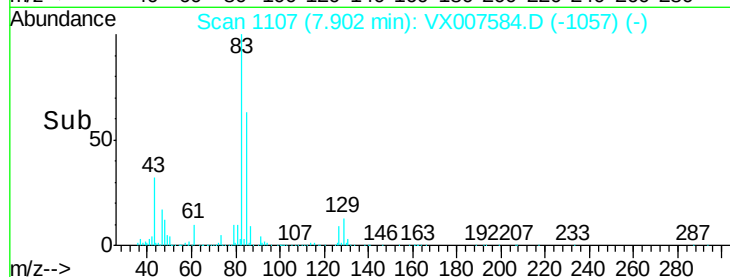
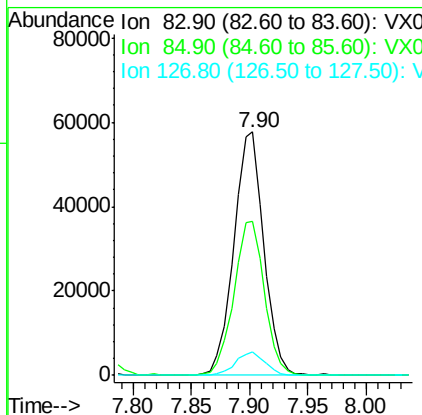
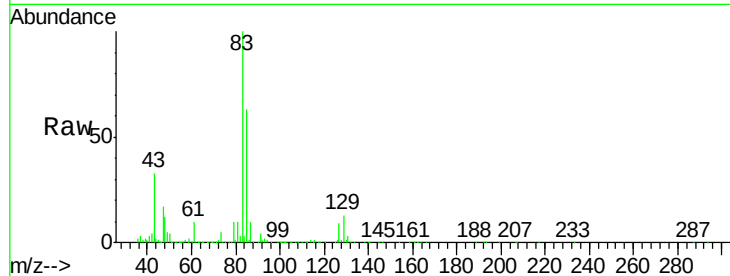
ClientSampleId :

VX0218WBSD01

Tot Ion:	83	Resp:	103200
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.4	77.0
127	9.4	8.1	12.1

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 20.060 ug/l

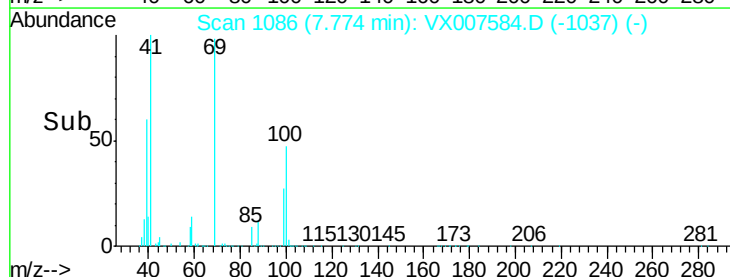
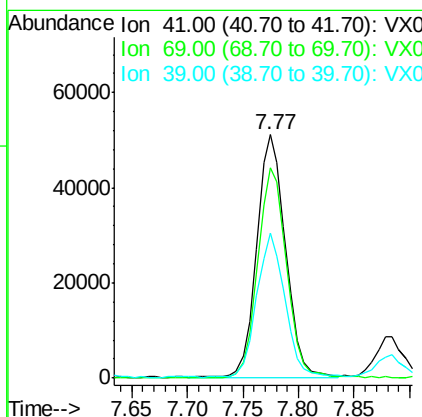
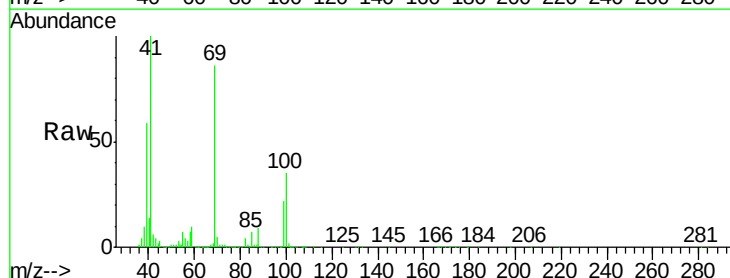
RT: 7.77 min Scan# 1086

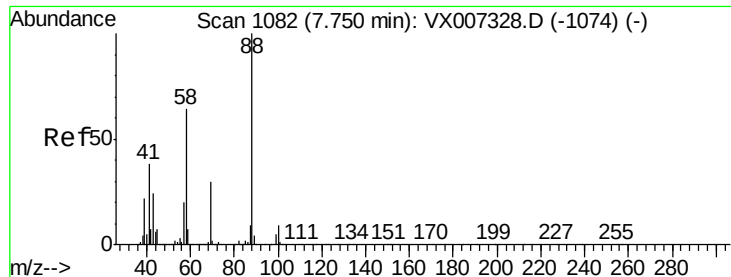
Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion:	41	Resp:	91527
Ion Ratio	Lower	Upper	
41	100		
69	88.1	70.2	105.4
39	58.6	47.4	71.0





#49

1,4-Dioxane

Concen: 413.732 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

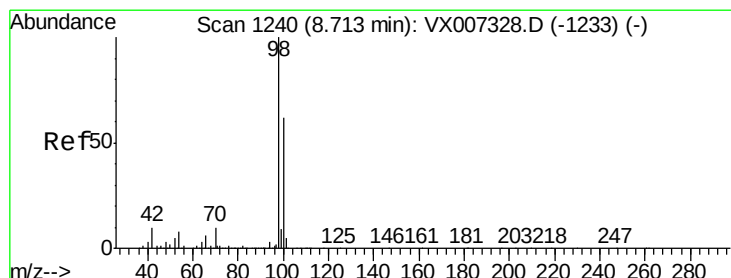
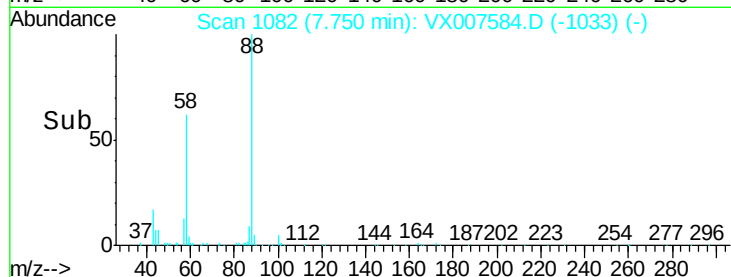
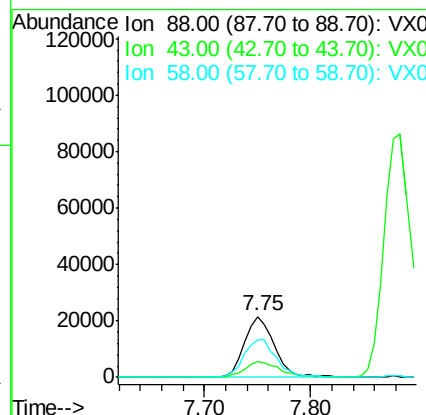
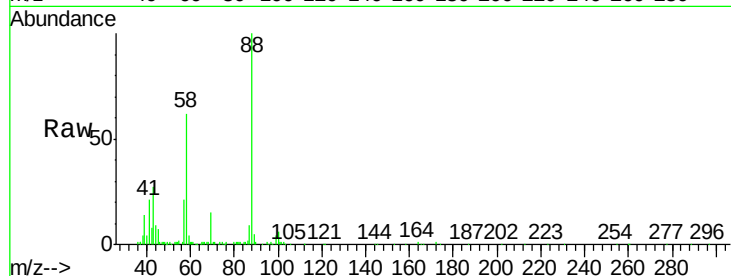
ClientSampleId :

VX0218WBSD01

Tot Ion:	88	Resp:	42508
Ion	Ratio	Lower	Upper
88	100		
43	31.9	24.2	36.4
58	68.6	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 47.330 ug/l

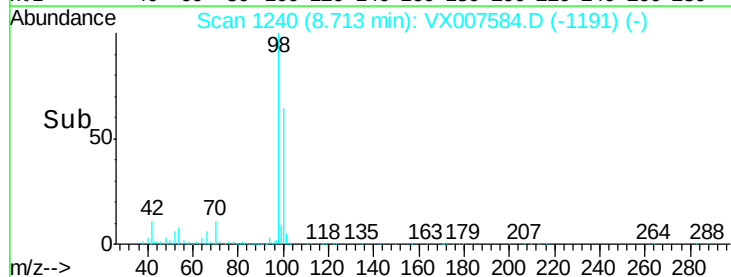
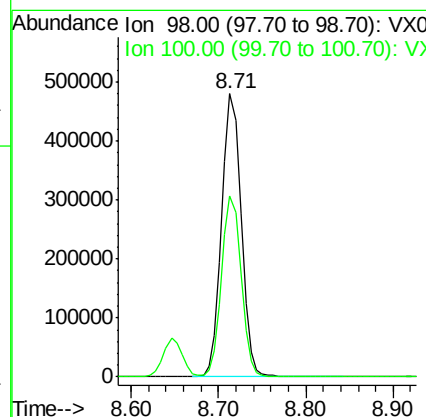
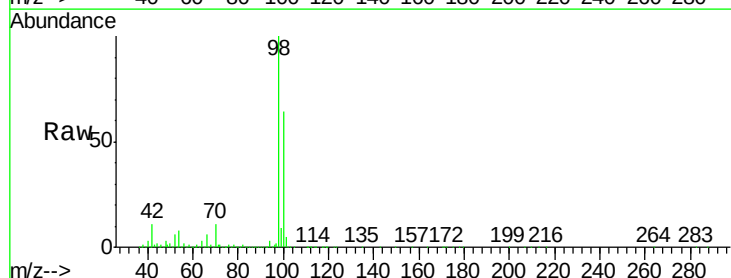
RT: 8.71 min Scan# 1240

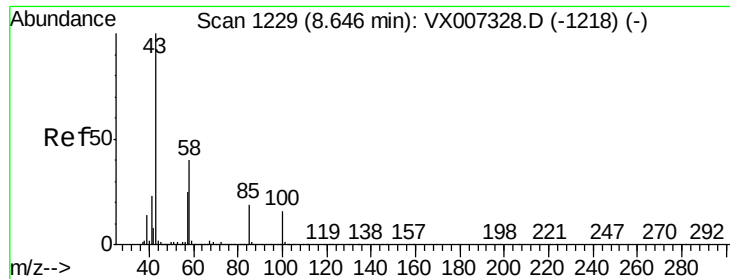
Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion:	98	Resp:	744451
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 101.231 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 43 Resp: 607870

Ion Ratio Lower Upper

43 100

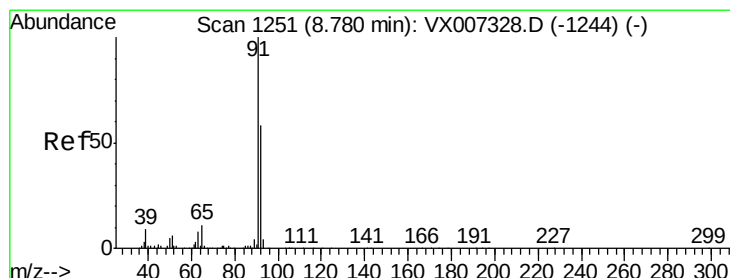
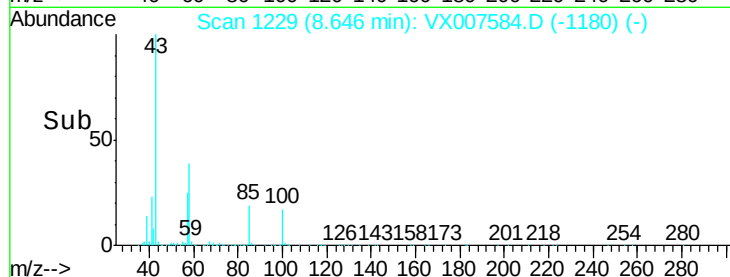
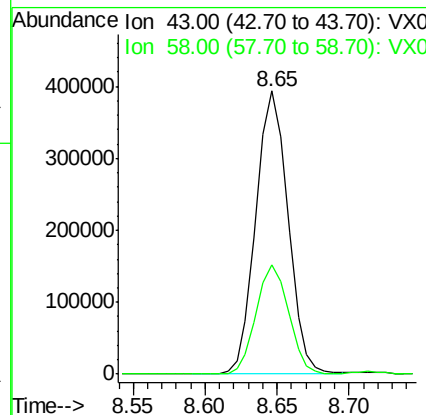
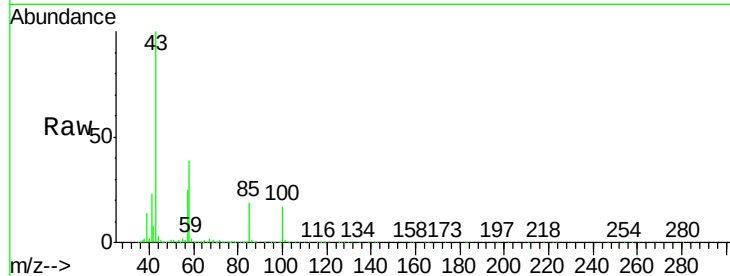
58 39.0 31.2 46.8

Manual Integrations

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MMDadoda

2/19/2019 11:01:18 AM



#52

Toluene

Concen: 17.873 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007584.D

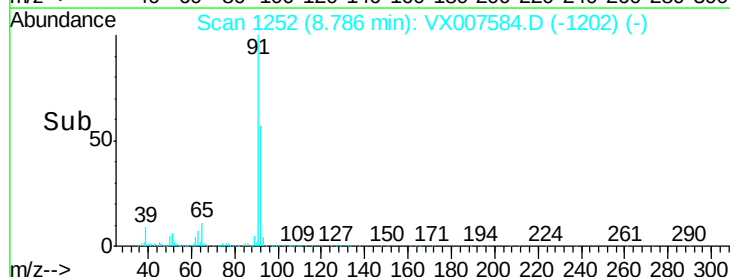
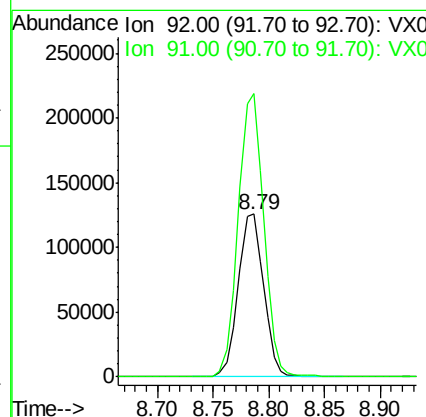
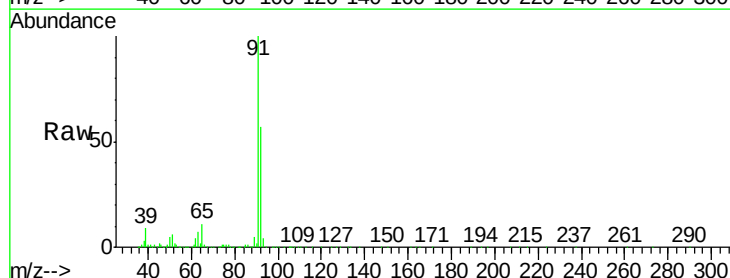
Acq: 18 Feb 2019 13:18

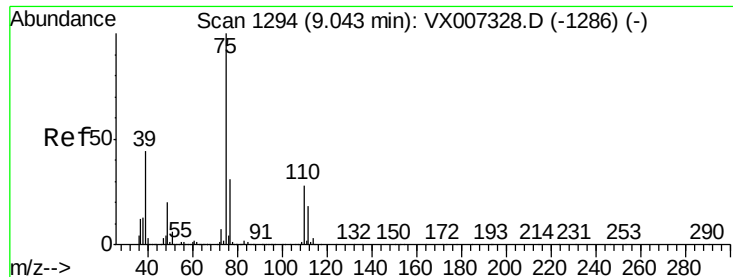
Tgt Ion: 92 Resp: 198584

Ion Ratio Lower Upper

92 100

91 175.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.664 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 75 Resp: 106547

Ion Ratio Lower Upper

75 100

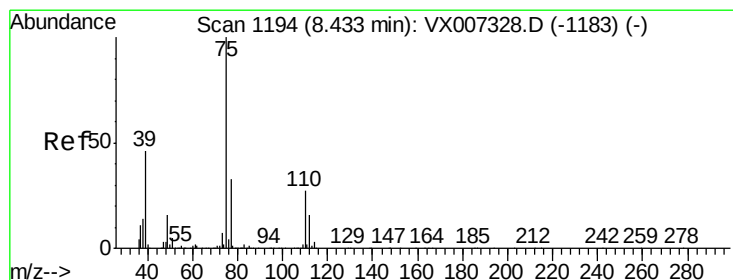
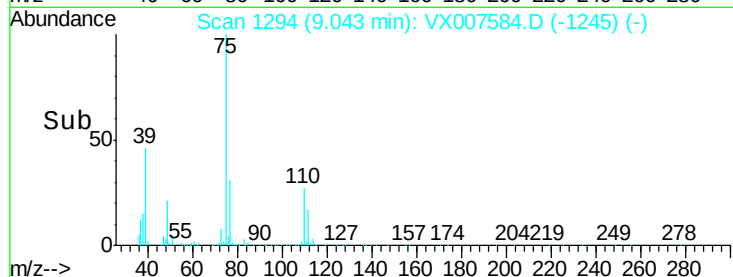
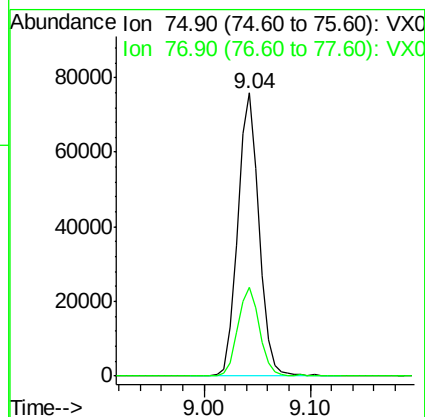
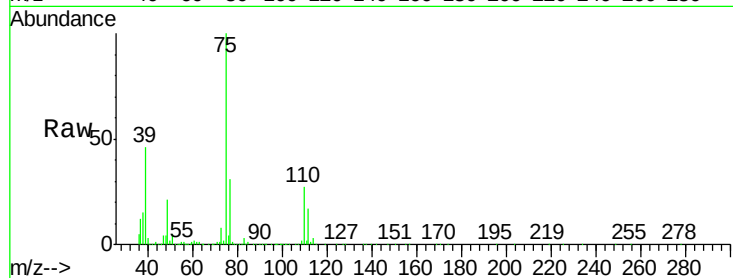
77 31.0 25.2 37.8

Manual Integrations

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MMDadoda

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#54

cis-1,3-Dichloropropene

Concen: 19.542 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

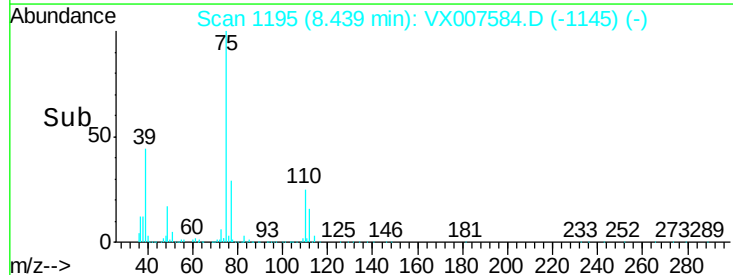
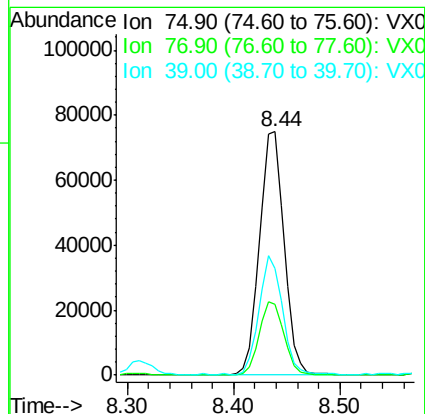
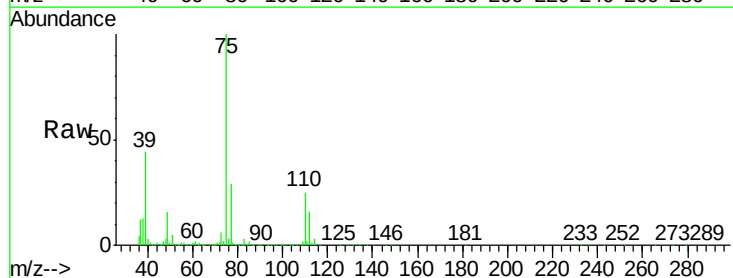
Tgt Ion: 75 Resp: 122683

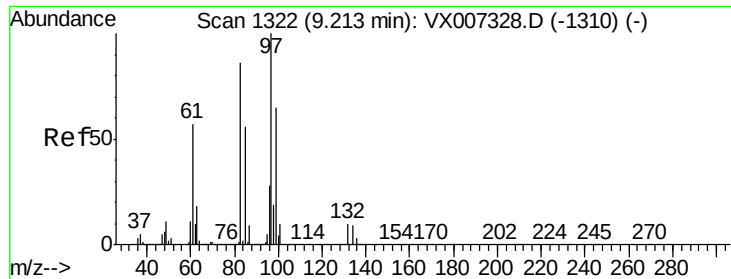
Ion Ratio Lower Upper

75 100

77 28.9 26.2 39.4

39 43.8 37.1 55.7





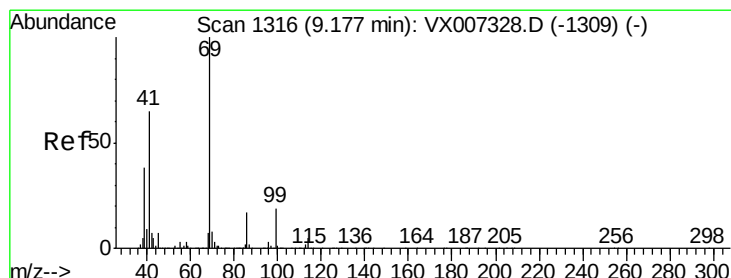
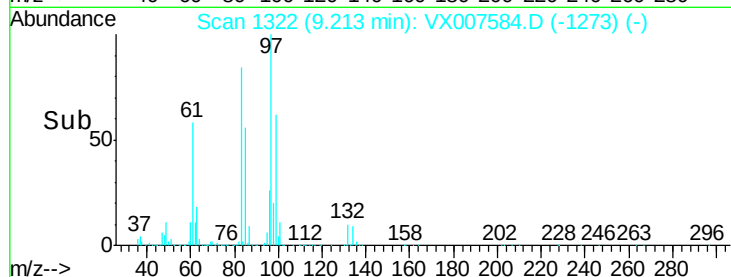
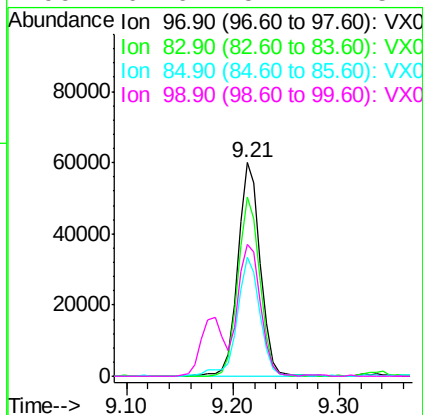
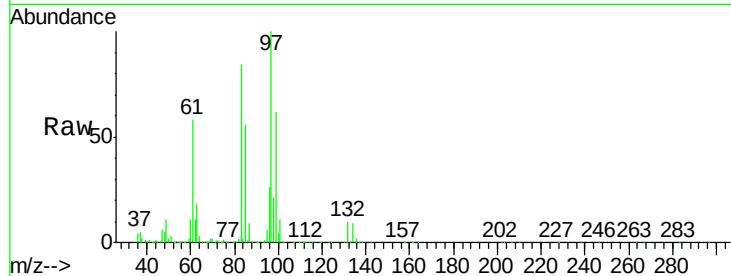
#55
1,1,2-Trichloroethane
Concen: 19.054 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		88246		
83	84.2	68.6	102.8		
85	55.5	44.5	66.7		
99	61.6	52.2	78.4		

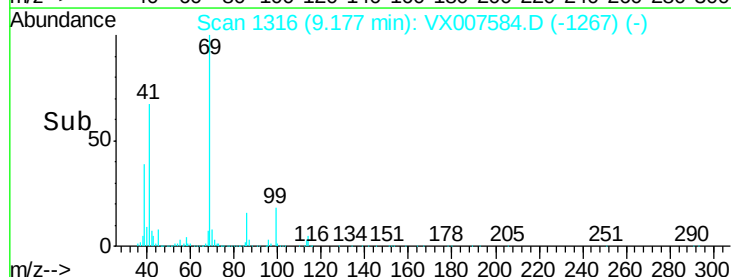
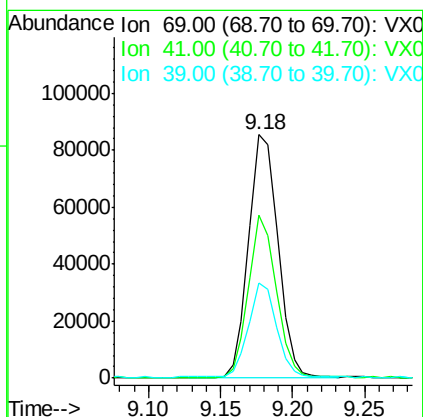
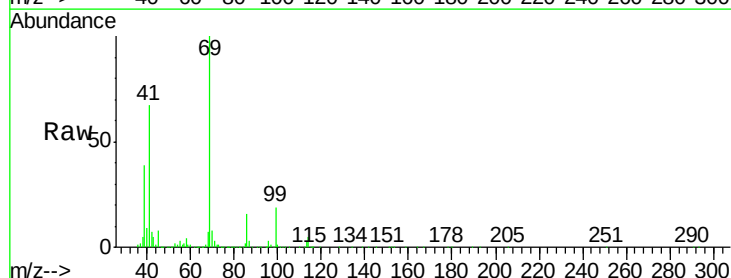
Manual Integrations
APPROVED

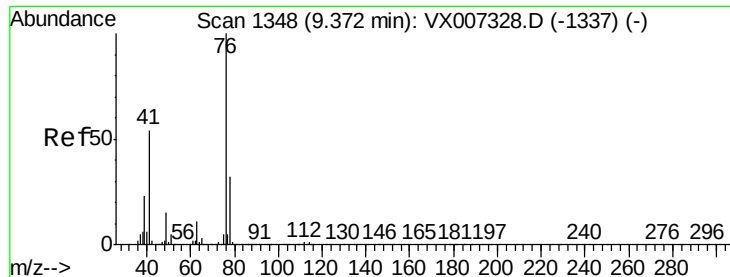
MMDadoda
2/19/2019 11:01:18 AM



#56
Ethyl methacrylate
Concen: 18.878 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		121094		
41	62.8	52.1	78.1		
39	36.9	30.1	45.1		





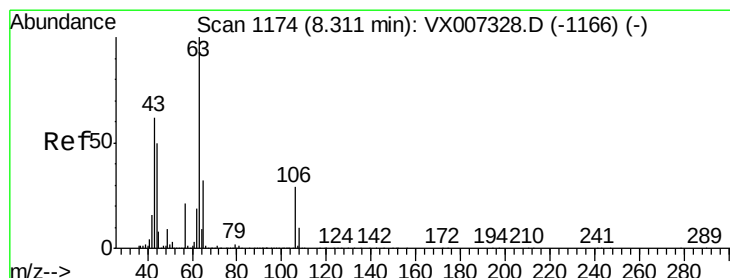
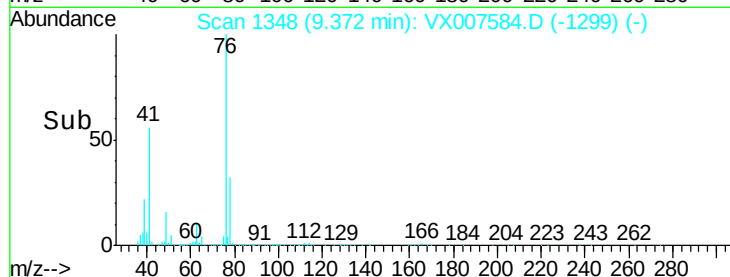
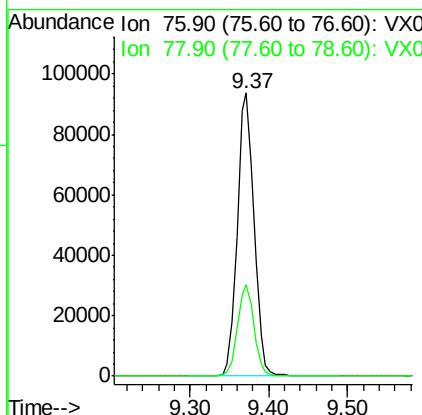
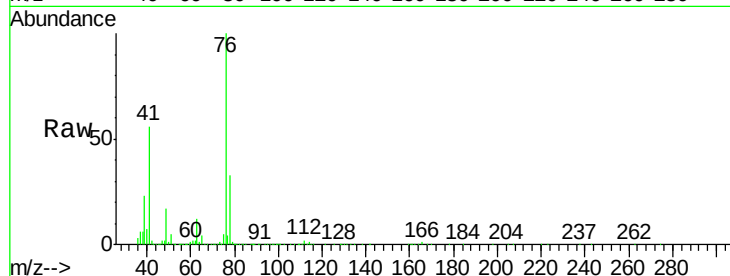
#57
 1,3-Dichloropropane
 Concen: 18.900 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

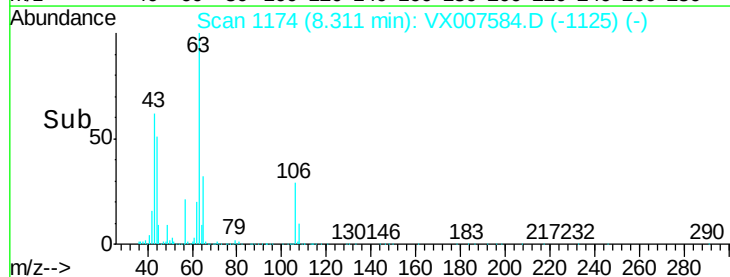
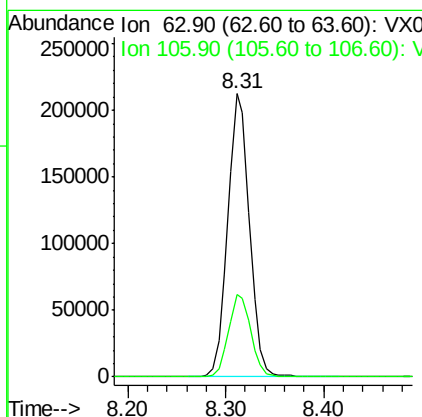
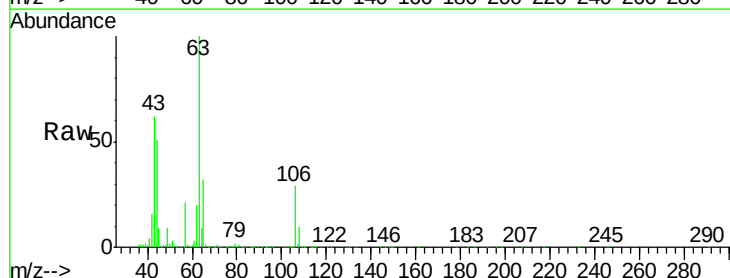
Manual Integrations
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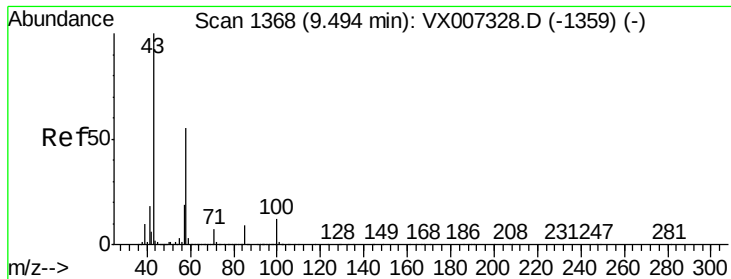
MMDadoda
 2/19/2019 11:01:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.391 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	23.6	35.4





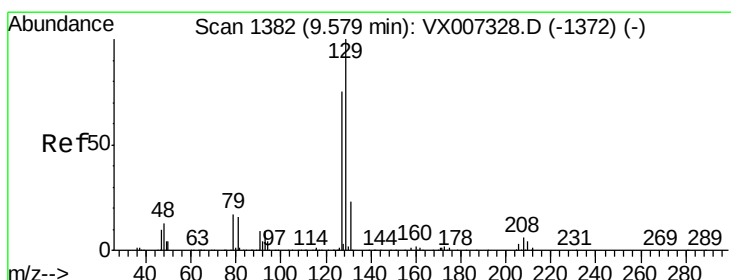
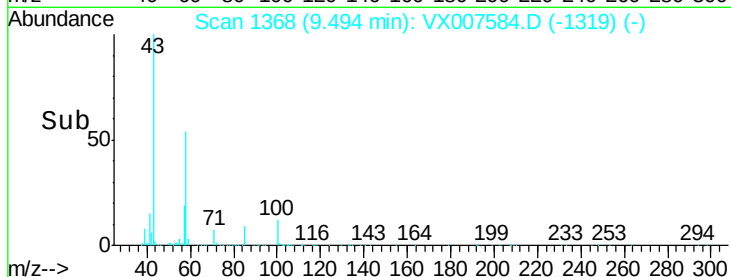
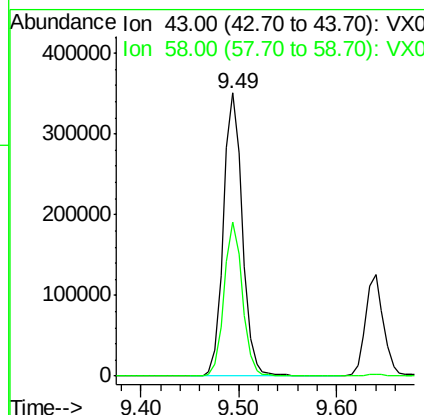
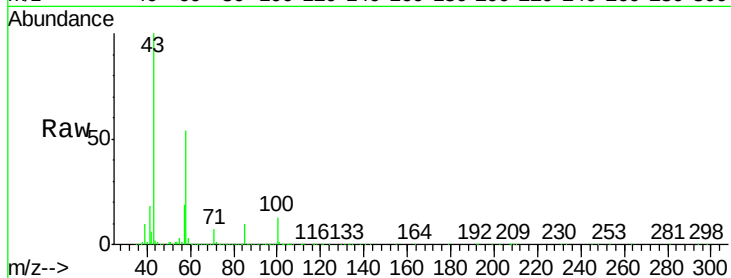
#59
2-Hexanone
Concen: 100.620 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampled :
VX0218WBSD01

Tot Ion: 43 Resp: 470170
Ion Ratio Lower Upper
43 100
58 52.8 27.1 81.3

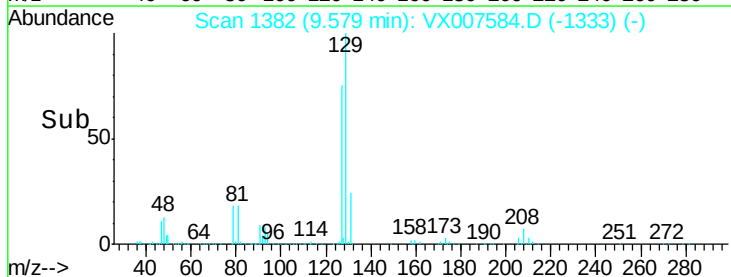
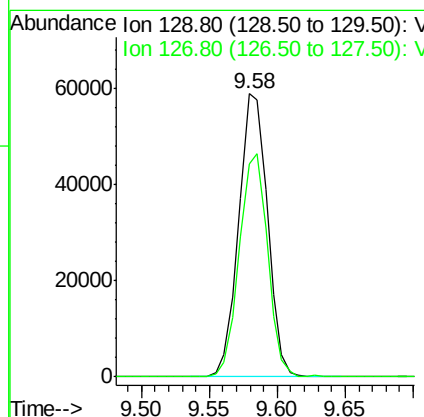
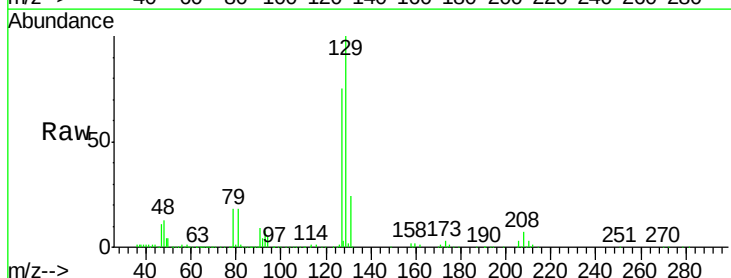
Manual Integrations
APPROVED

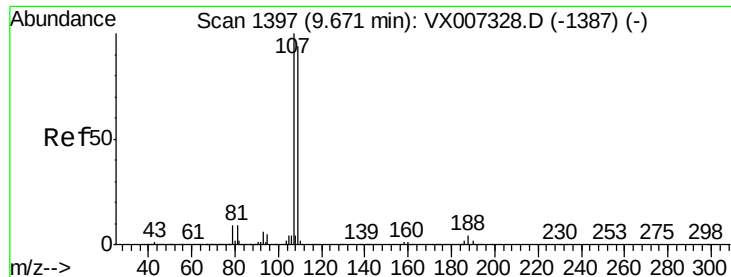
MMDadoda
2/19/2019 11:01:18 AM



#60
Dibromochloromethane
Concen: 19.937 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 129 Resp: 87328
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.055 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 107 Resp: 93458

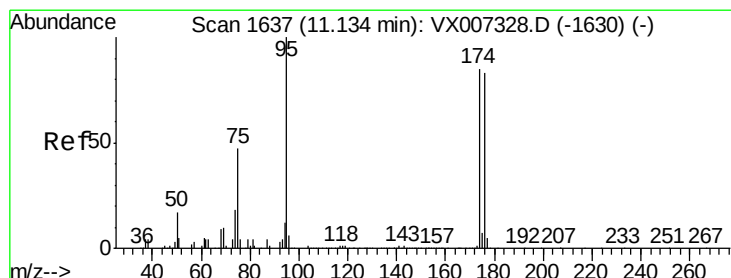
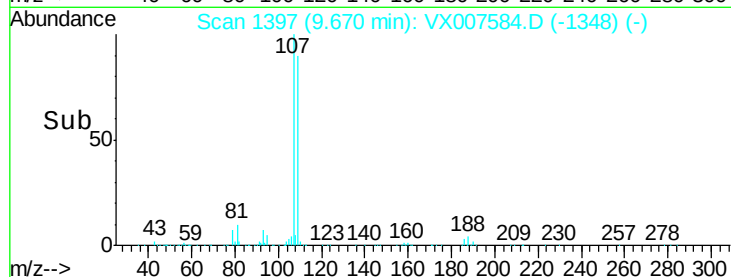
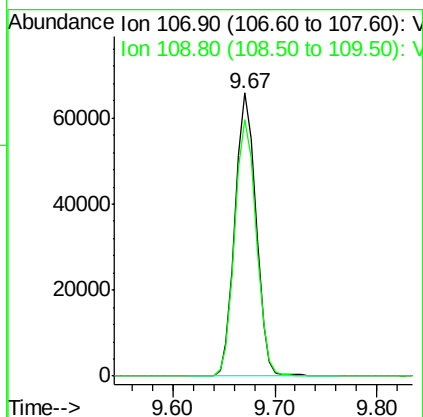
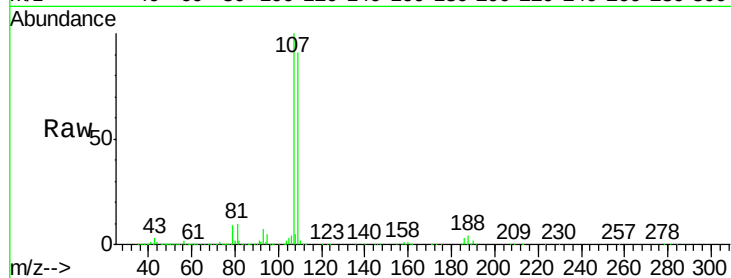
Ion Ratio Lower Upper

107 100

109 93.2 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 45.567 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

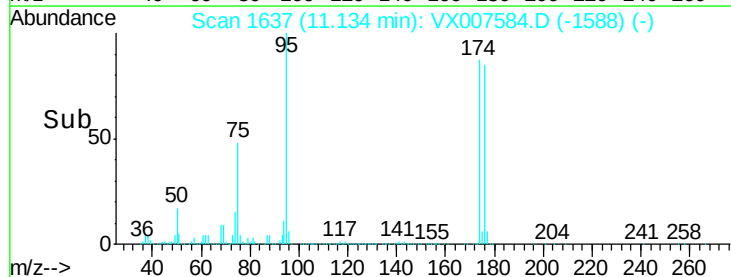
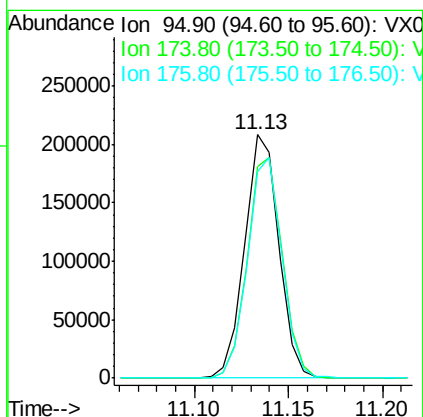
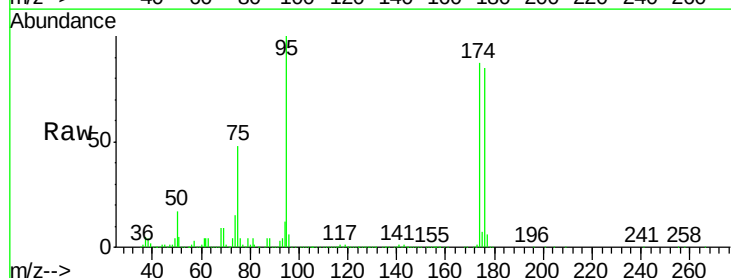
Tgt Ion: 95 Resp: 261680

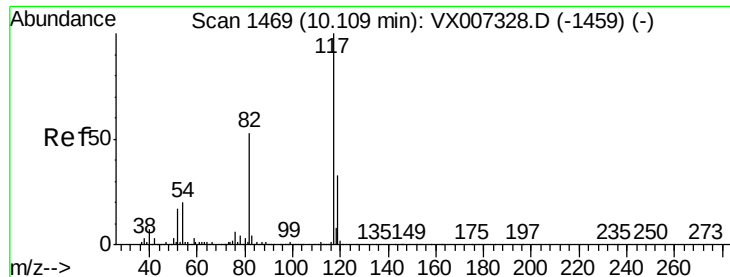
Ion Ratio Lower Upper

95 100

174 93.5 0.0 189.2

176 91.2 0.0 186.2





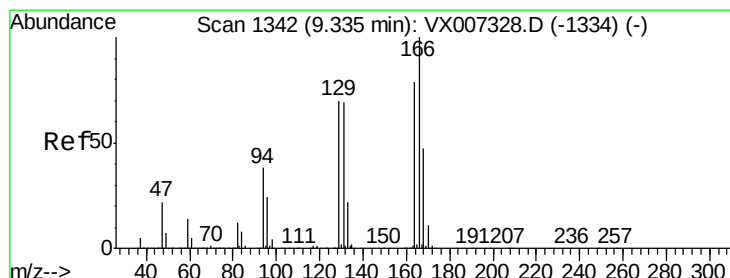
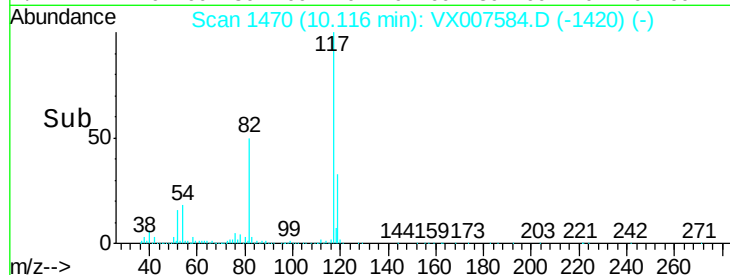
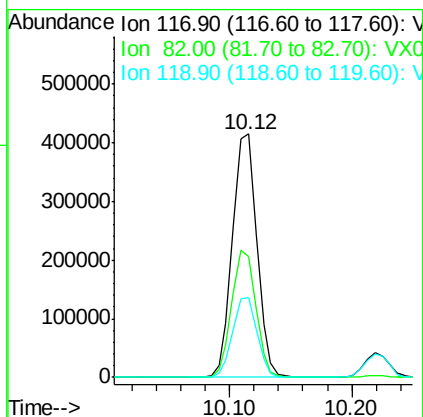
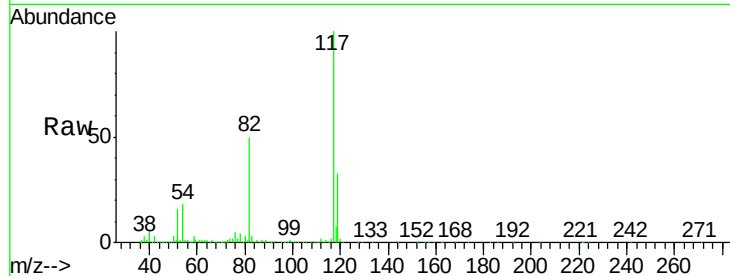
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.5	42.1	63.1
119	32.6	26.5	39.7

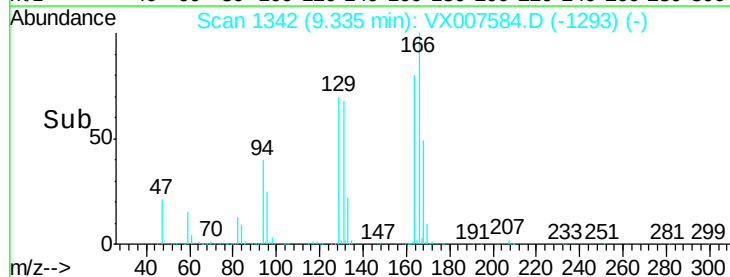
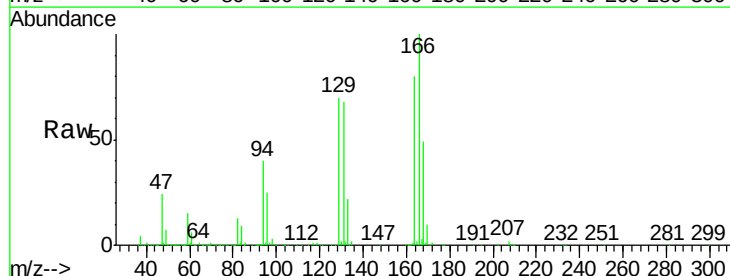
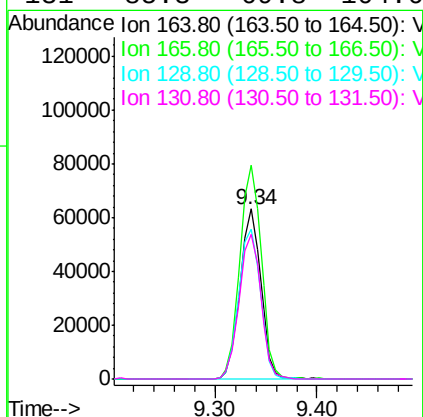
Manual Integrations
APPROVED

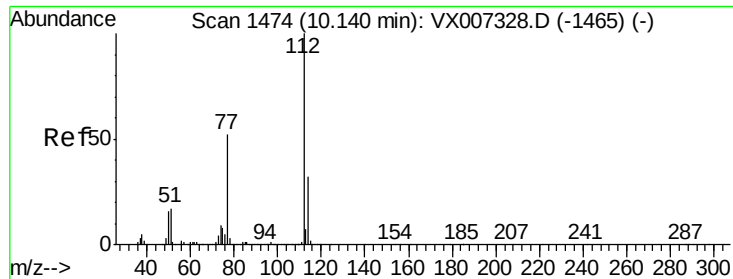
MMDadoda
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#64
Tetrachloroethene
Concen: 16.552 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	101.0	151.4
129	88.3	70.5	105.7
131	85.3	69.8	104.6





#65

Chlorobenzene

Concen: 18.512 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampled :

VX0218WBSD01

Tot Ion:112 Resp: 232073

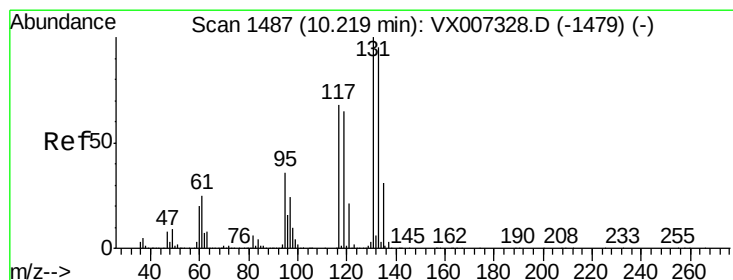
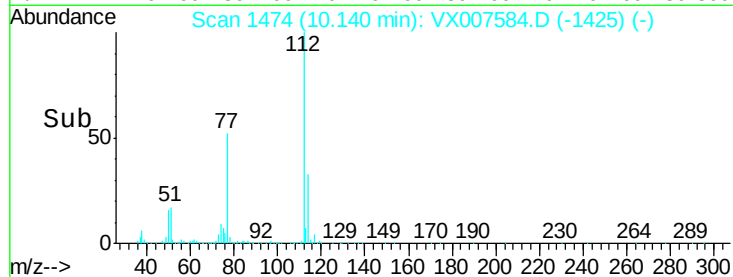
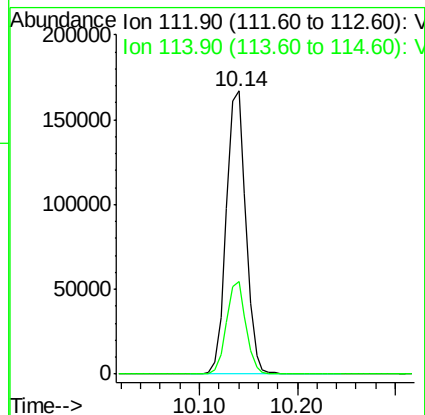
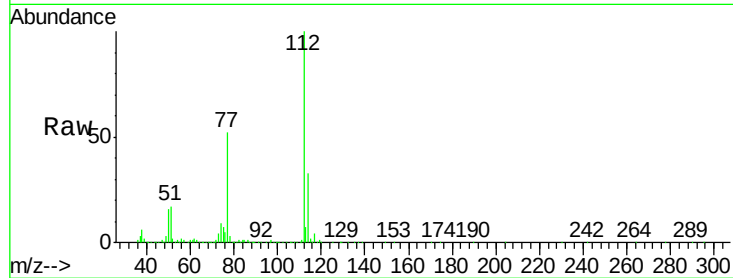
Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.394 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

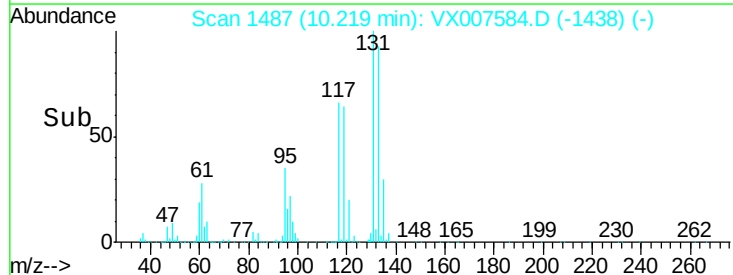
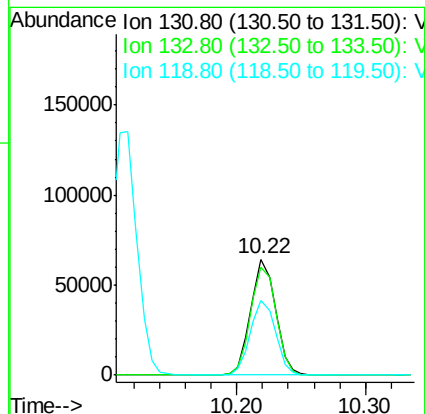
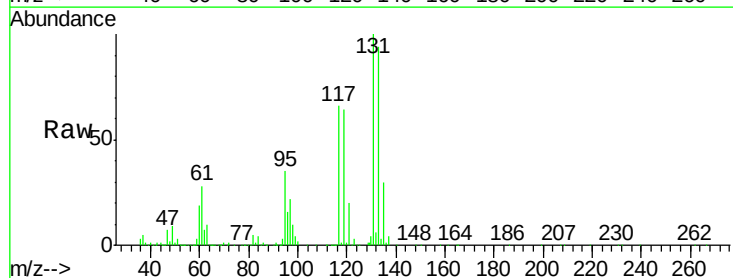
Tgt Ion:131 Resp: 85715

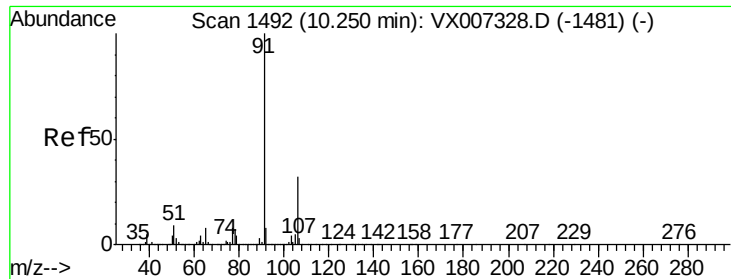
Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.2

119 65.4 32.0 96.0





#67

Ethyl Benzene

Concen: 18.524 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 91 Resp: 373960

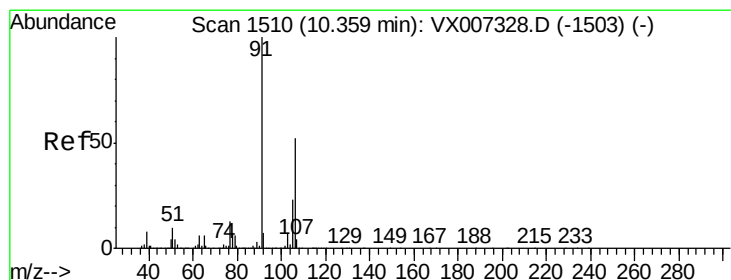
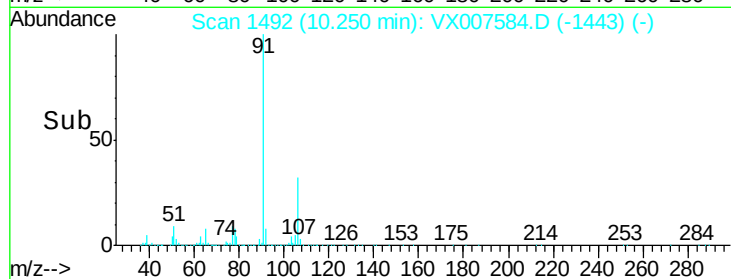
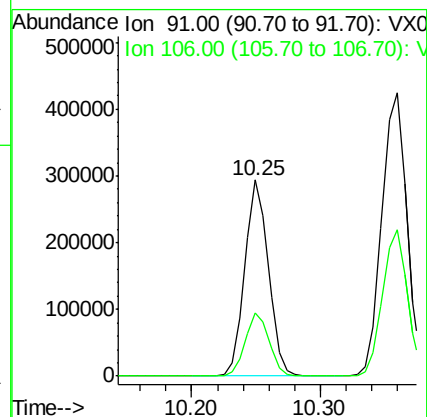
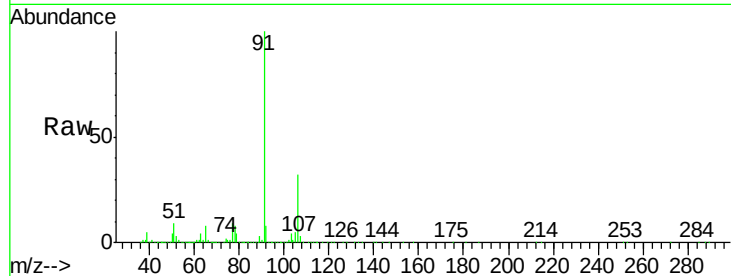
Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.0

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#68

m/p-Xylenes

Concen: 36.264 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007584.D

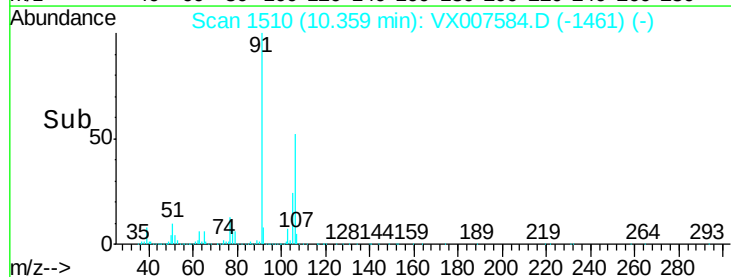
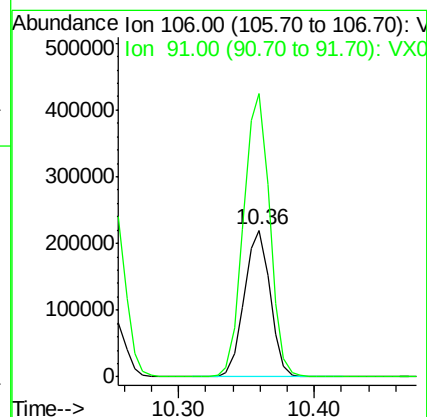
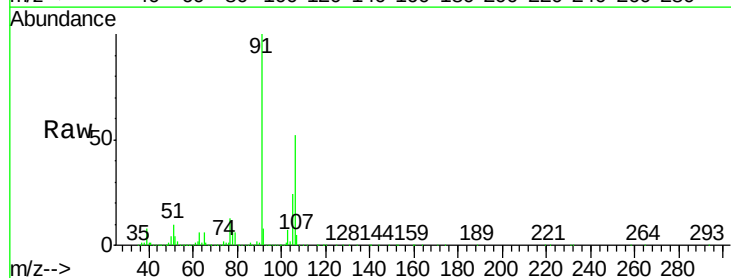
Acq: 18 Feb 2019 13:18

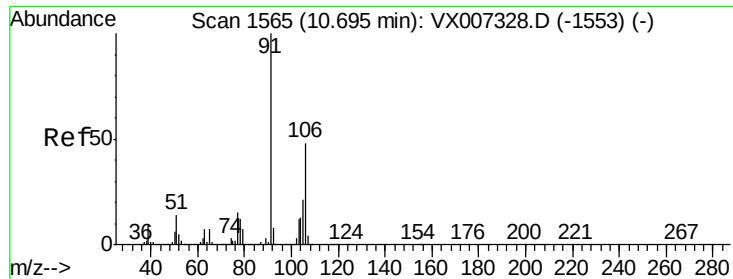
Tgt Ion: 106 Resp: 291019

Ion Ratio Lower Upper

106 100

91 196.0 156.6 234.8





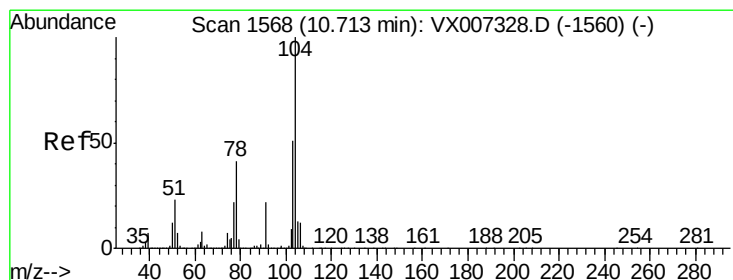
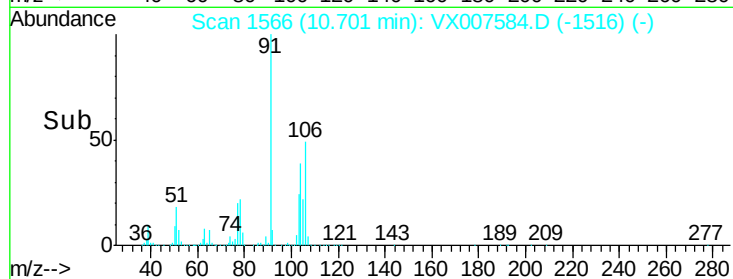
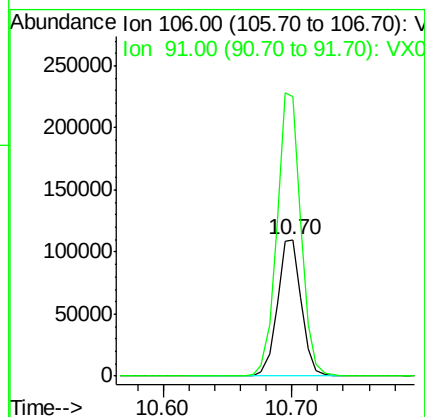
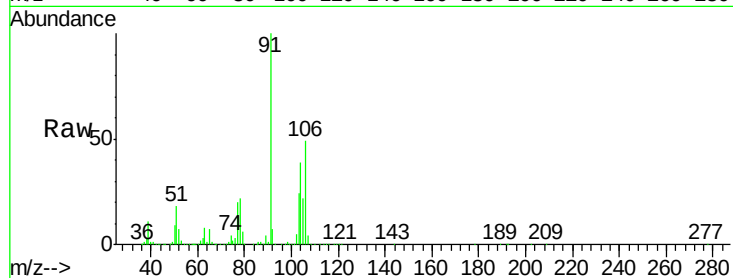
#69
o-Xylene
Concen: 18.515 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion:106 Resp: 142973
Ion Ratio Lower Upper
106 100
91 207.9 102.9 308.7

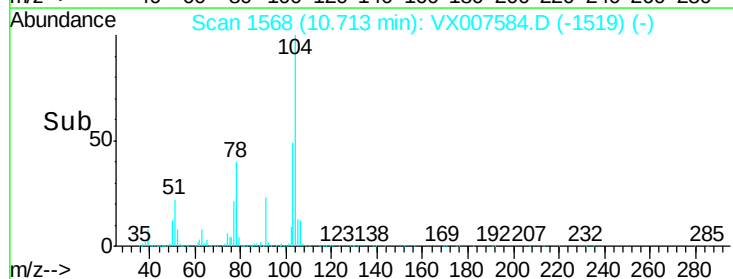
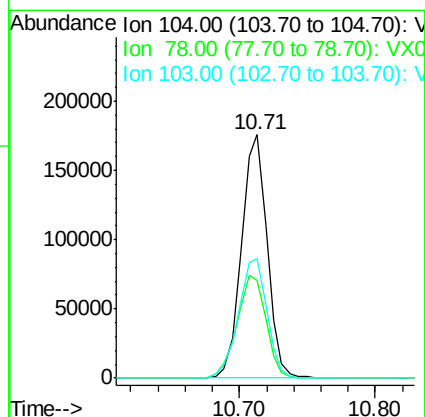
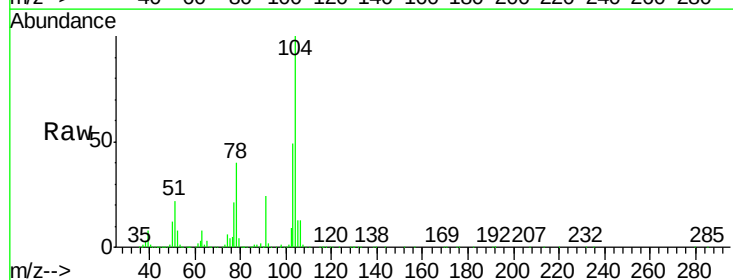
Manual Integrations
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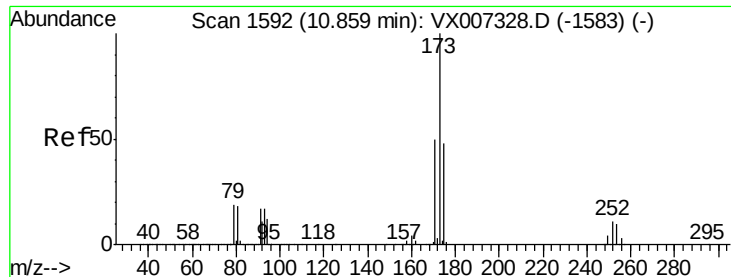
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#70
Styrene
Concen: 18.434 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion:104 Resp: 230849
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 55.1 44.6 67.0





#71

Bromoform

Concen: 20.214 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion:173 Resp: 64892

Ion Ratio Lower Upper

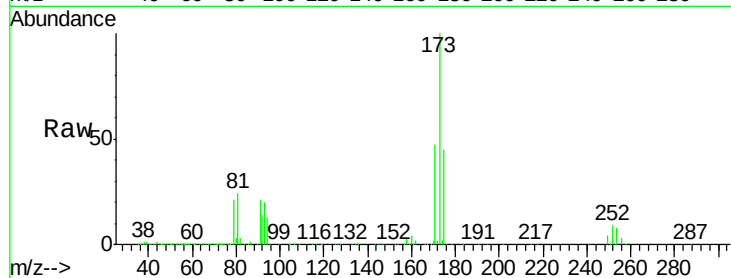
173 100

175 48.0 24.2 72.6

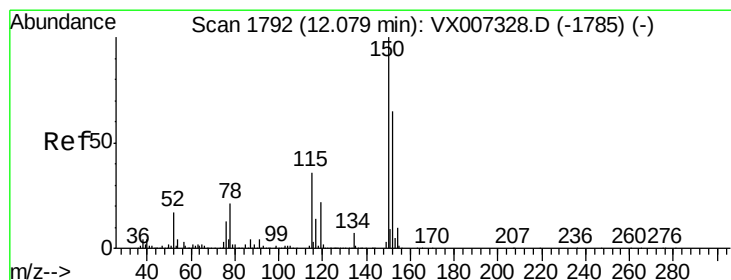
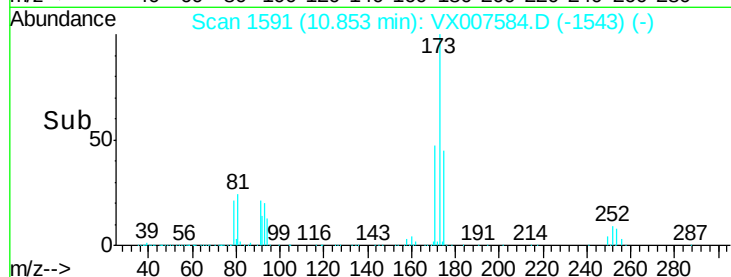
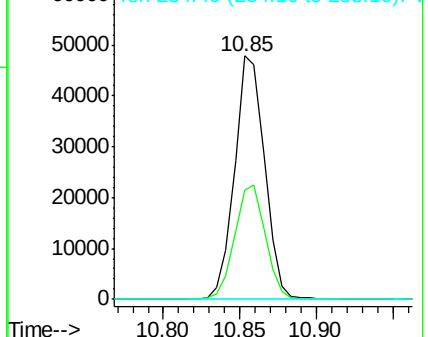
254 0.0 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

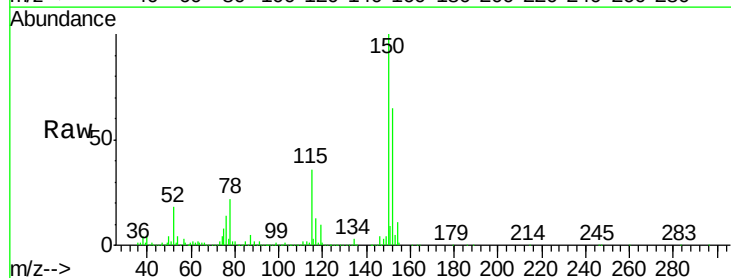
Tgt Ion:152 Resp: 291454

Ion Ratio Lower Upper

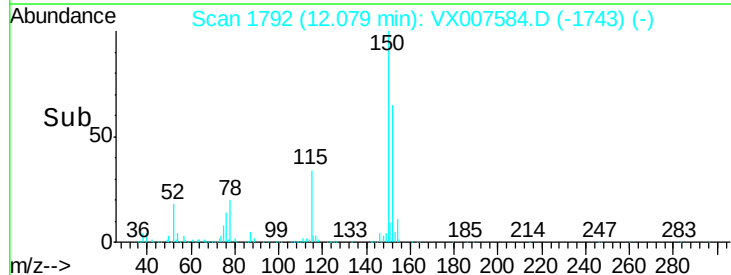
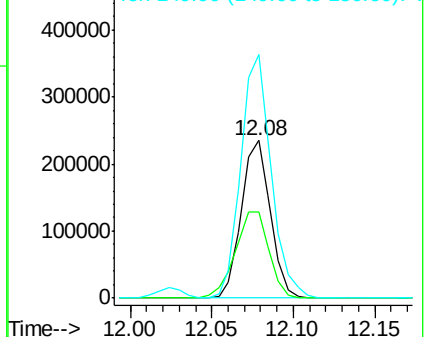
152 100

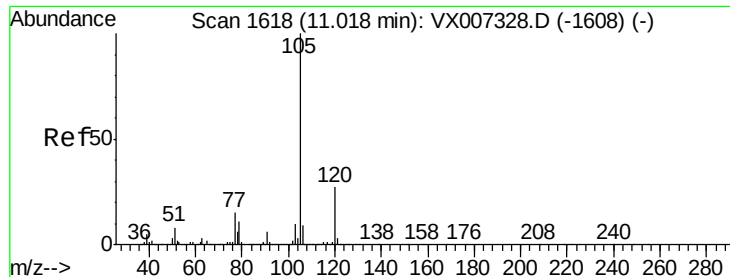
115 63.7 38.0 114.0

150 161.9 0.0 346.4



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





#73

Isopropylbenzene

Concen: 19.374 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion:105 Resp: 383727

Ion Ratio Lower Upper

105 100

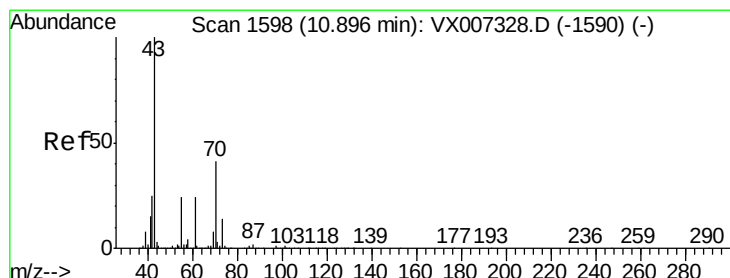
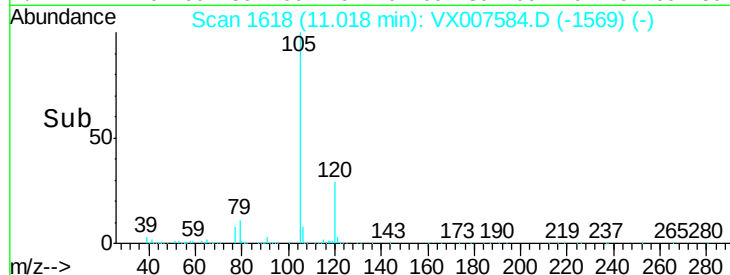
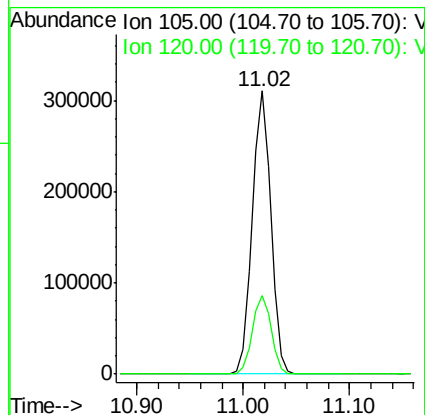
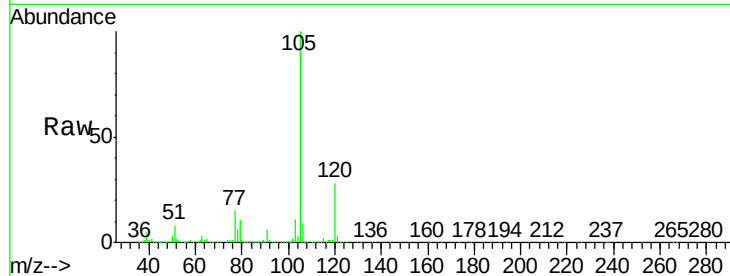
120 28.1 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.053 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion: 43 Resp: 153623

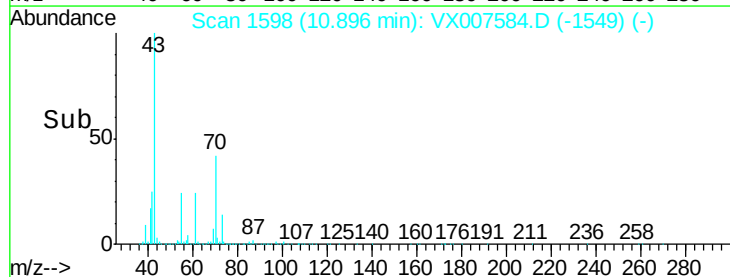
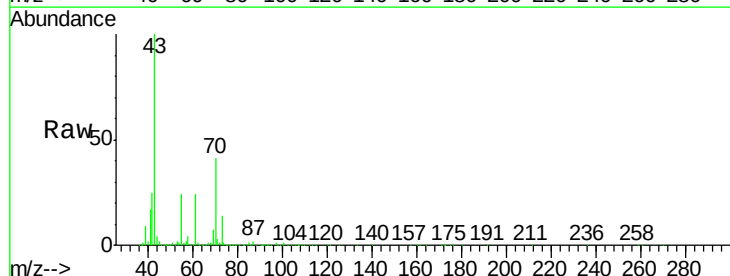
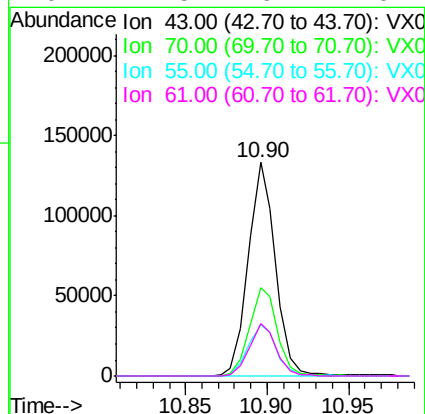
Ion Ratio Lower Upper

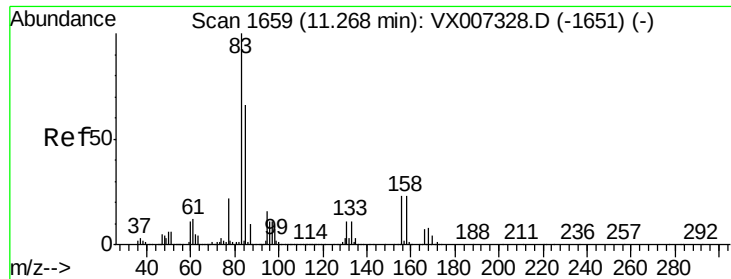
43 100

70 42.5 33.8 50.6

55 25.1 19.5 29.3

61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.314 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

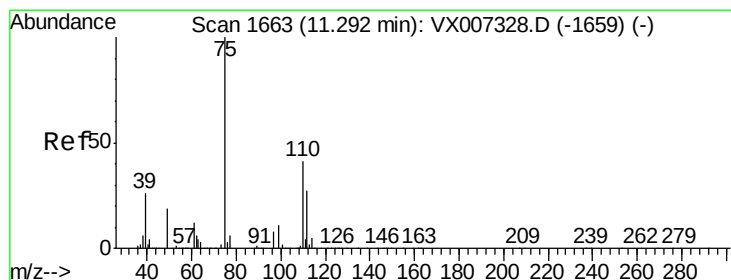
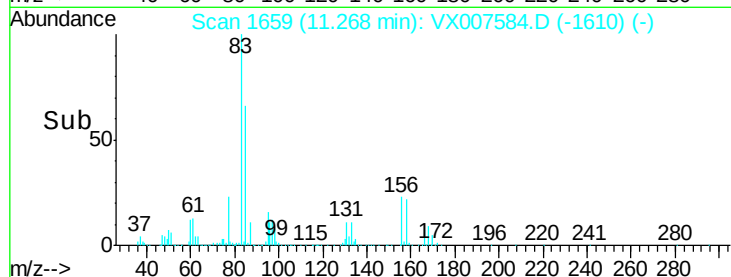
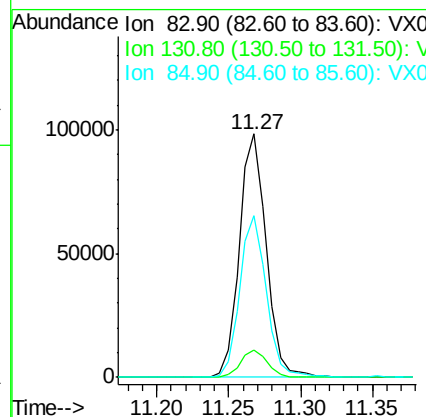
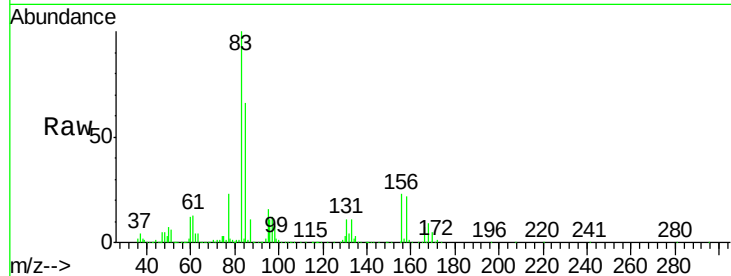
ClientSampleId :

VX0218WBSD01

Tot Ion:	83	Resp:	128655
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.0
85	65.6	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.447 ug/l m

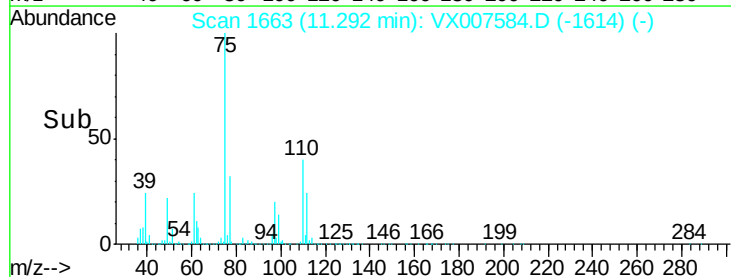
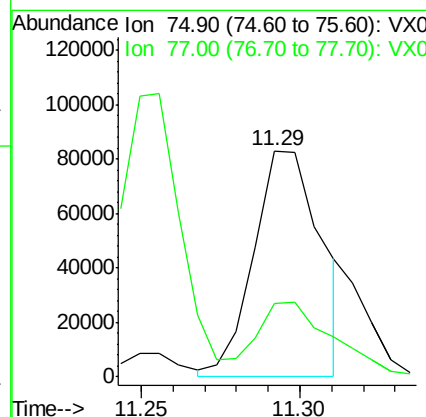
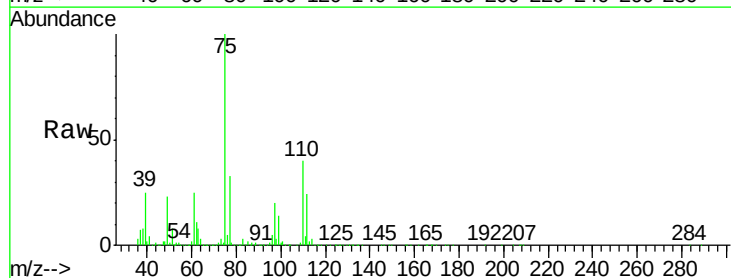
RT: 11.29 min Scan# 1663

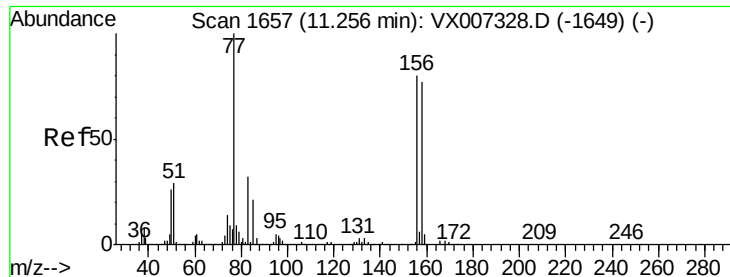
Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion:	75	Resp:	121587
Ion Ratio	Lower	Upper	
75	100		
77	39.0	23.0	69.0





#77

Bromobenzene

Concen: 18.826 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

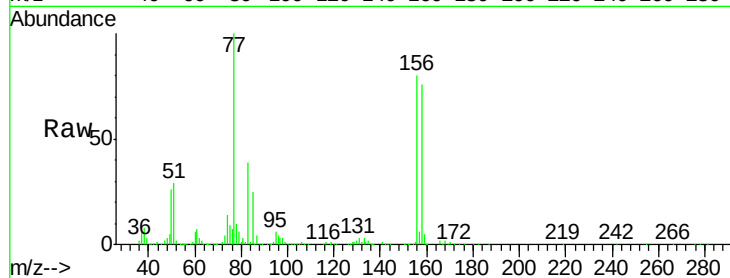
ClientSampleId :

VX0218WBSD01

Tot Ion:	156	Resp:	105056
Ion Ratio	Lower	Upper	
156	100		
77	133.7	66.8	200.6
158	96.2	47.9	143.8

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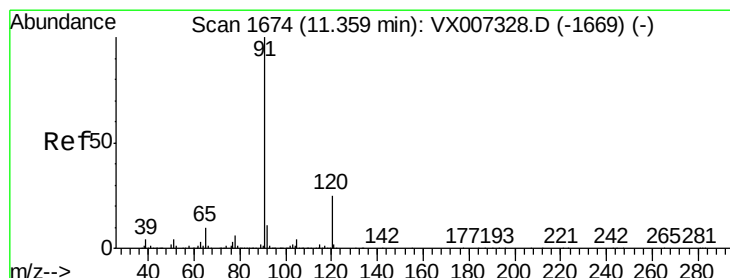
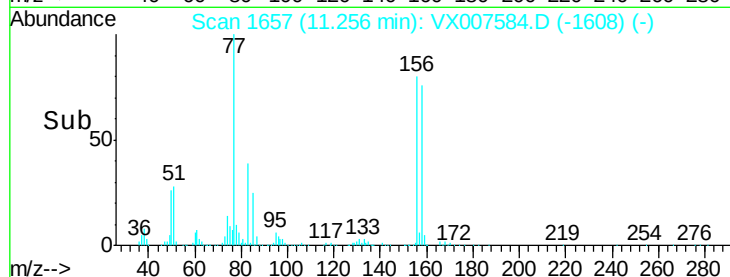
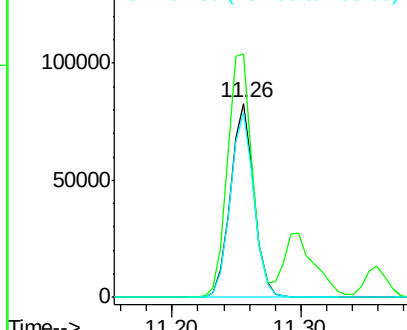
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.206 ug/l

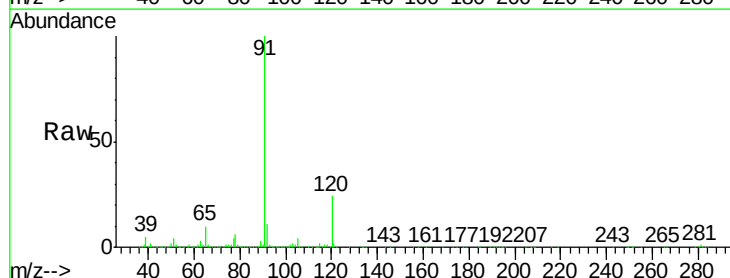
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007584.D

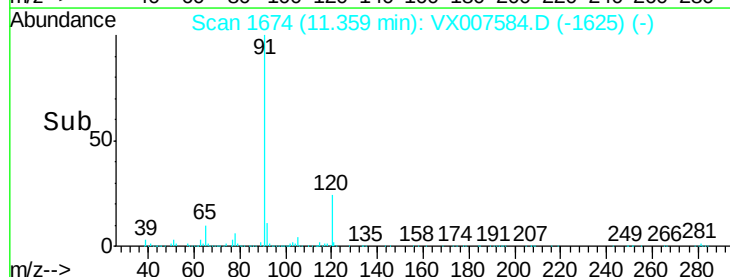
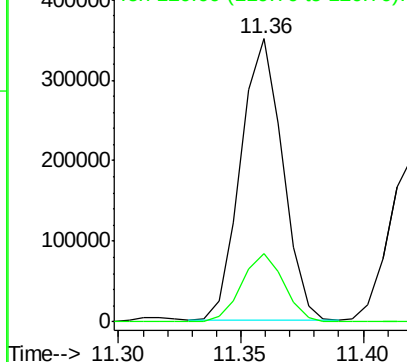
Acq: 18 Feb 2019 13:18

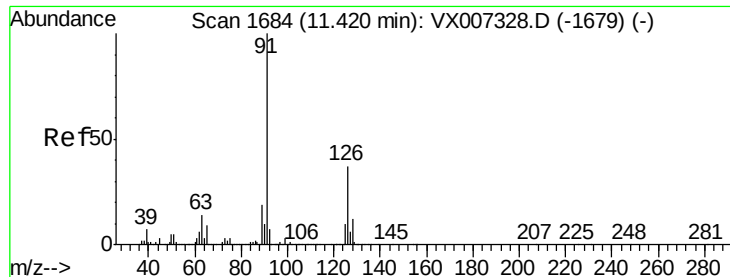
Tgt Ion:	91	Resp:	417133
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.4	37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.046 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampled :

VX0218WBSD01

Tot Ion: 91 Resp: 250993

Ion Ratio Lower Upper

91 100

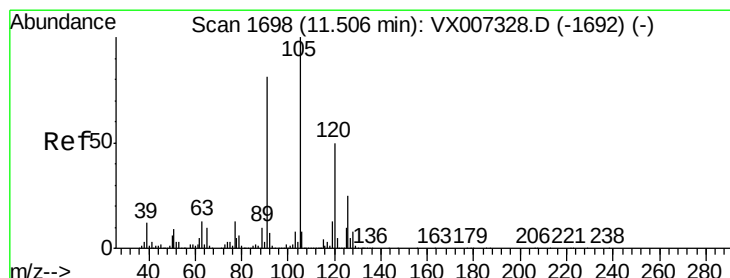
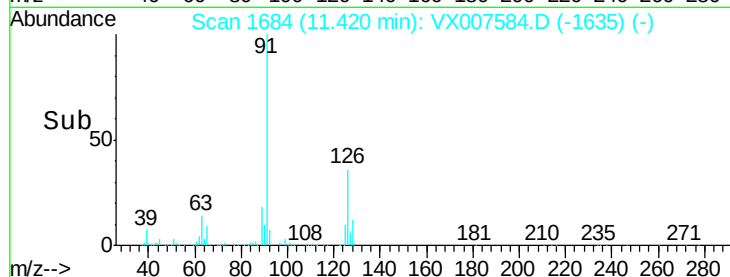
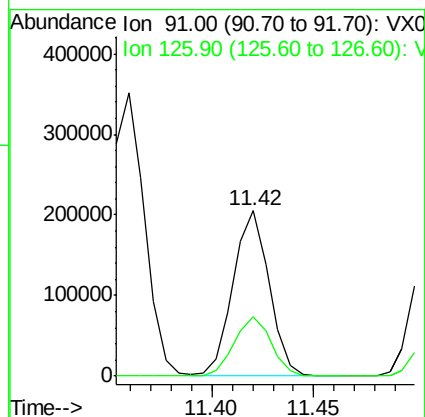
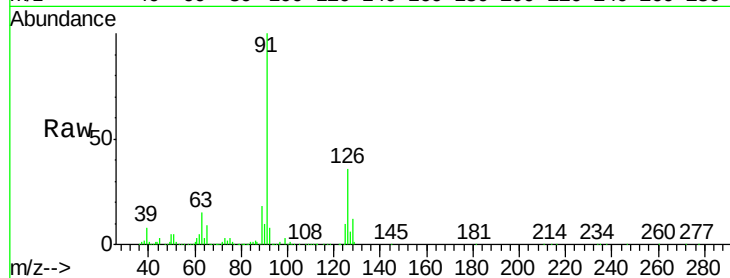
126 36.7 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.223 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007584.D

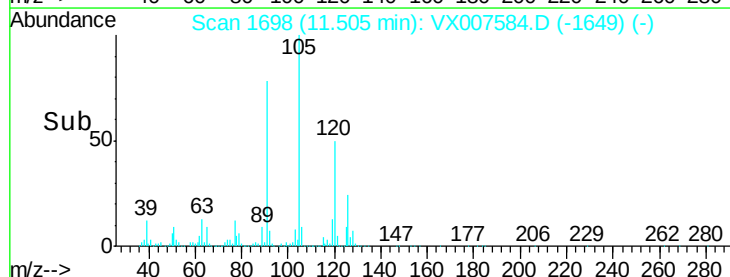
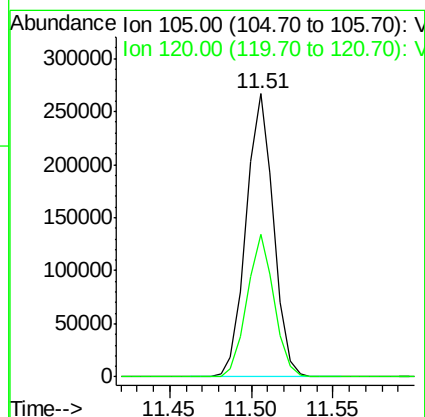
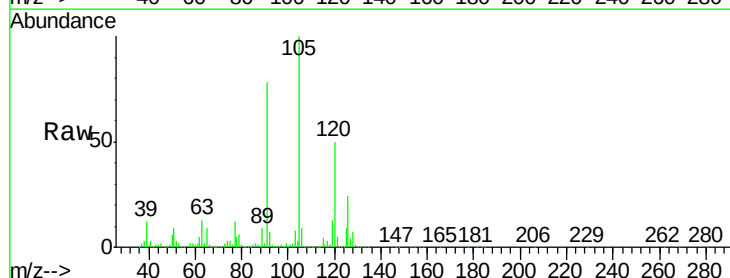
Acq: 18 Feb 2019 13:18

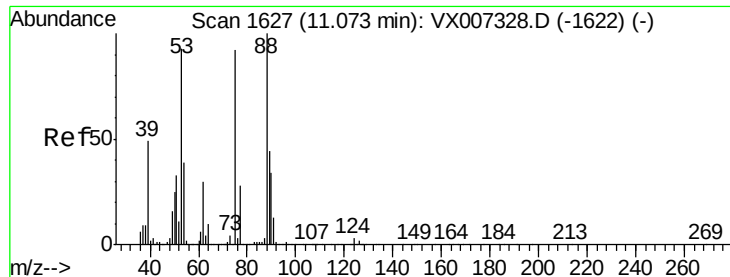
Tgt Ion: 105 Resp: 311482

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8





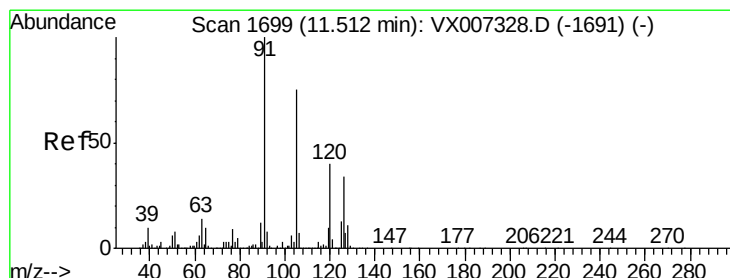
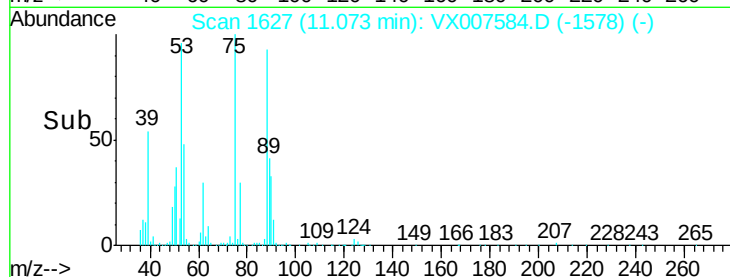
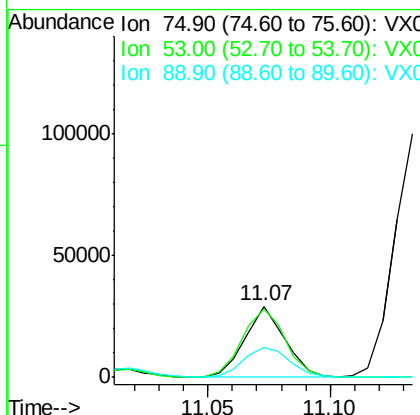
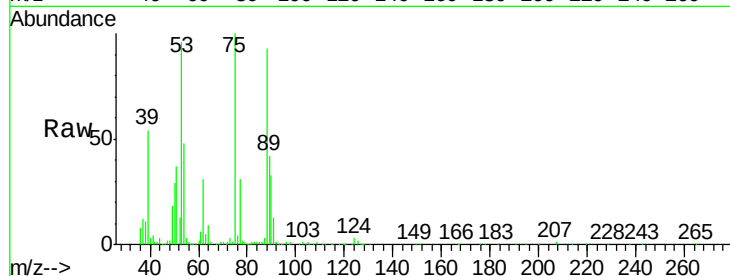
#81
trans-1,4-Dichloro-2-butene
Concen: 20.747 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.0	81.0	121.6
89	49.2	41.4	62.0

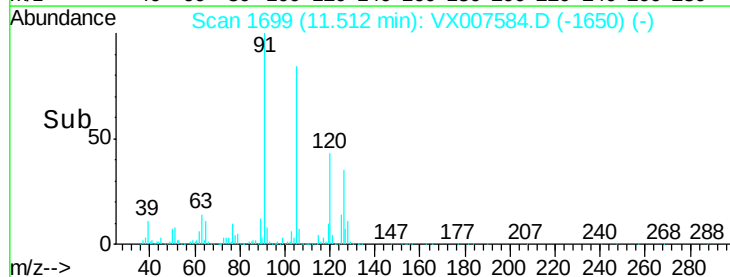
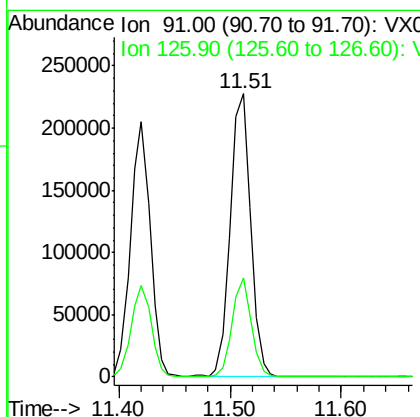
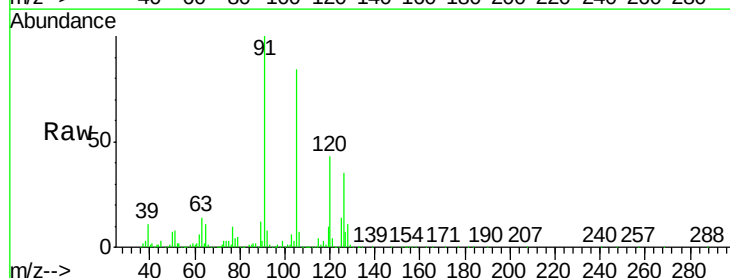
Manual Integrations
APPROVED

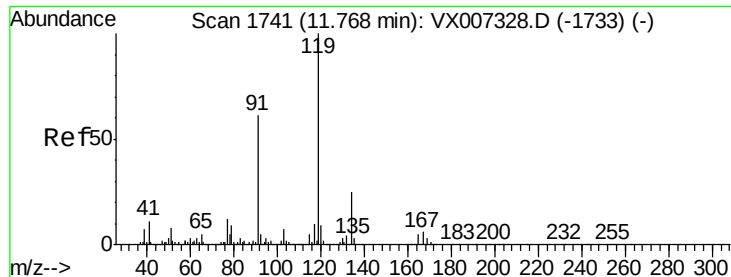
MMDadoda
2/19/2019 11:01:18 AM



#82
4-Chlorotoluene
Concen: 18.964 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.5





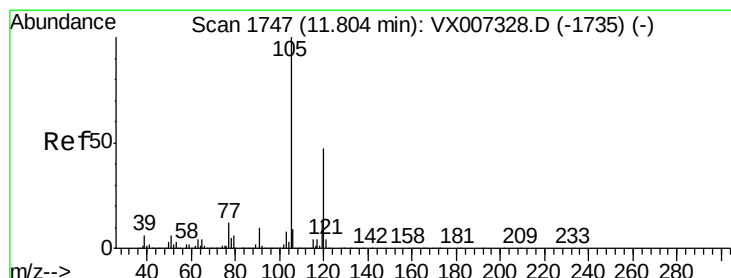
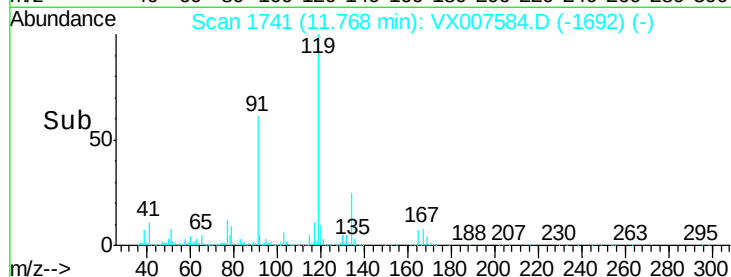
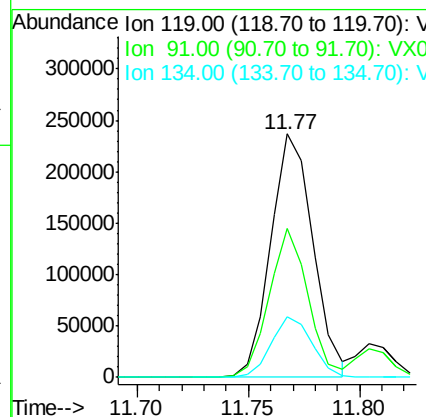
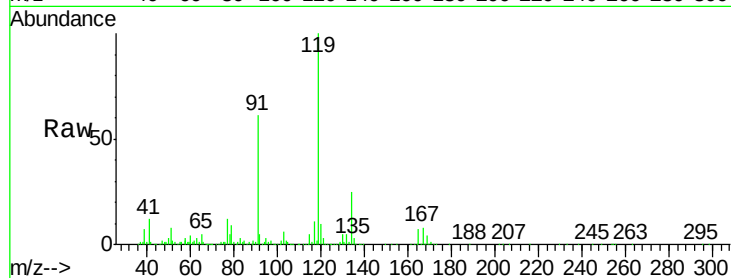
#83
 tert-Butylbenzene
 Concen: 19.442 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	311896		
91	56.1	28.5	85.6	
134	24.1	12.0	36.0	

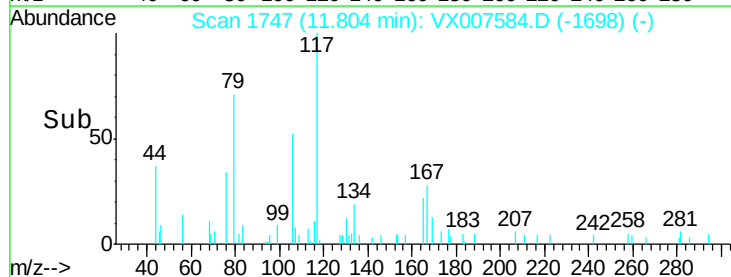
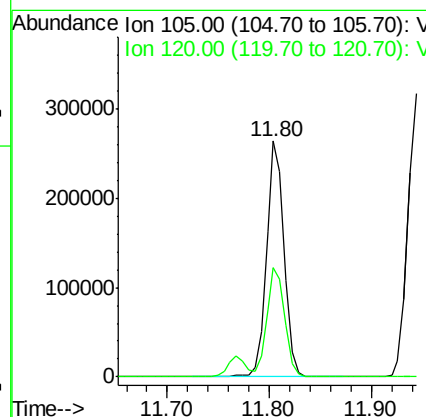
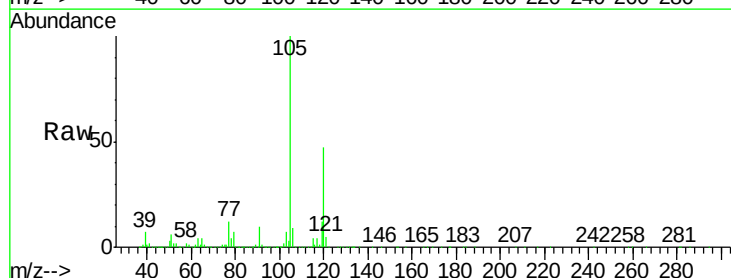
Manual Integrations
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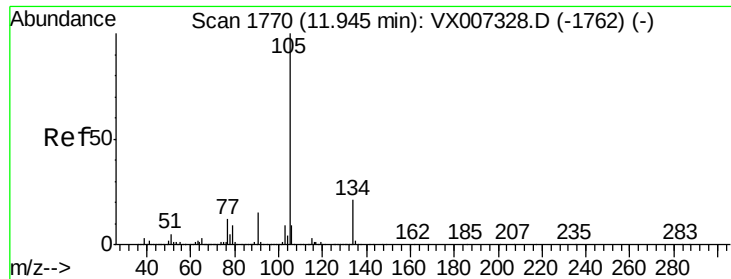
MMDadoda
 2/19/2019 11:01:18 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.333 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	318030		
120	47.3	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.298 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampled :

VX0218WBSD01

Tot Ion:105 Resp: 374694

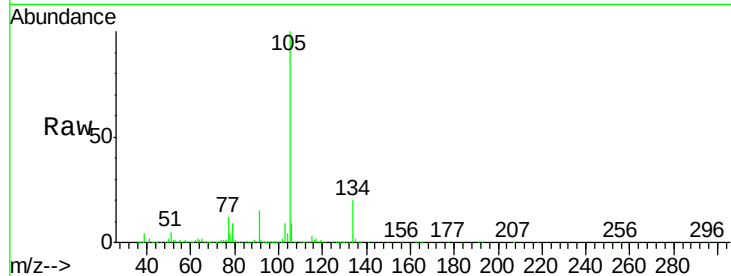
Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8

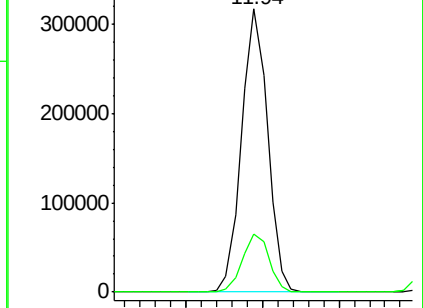
Manual Integrations
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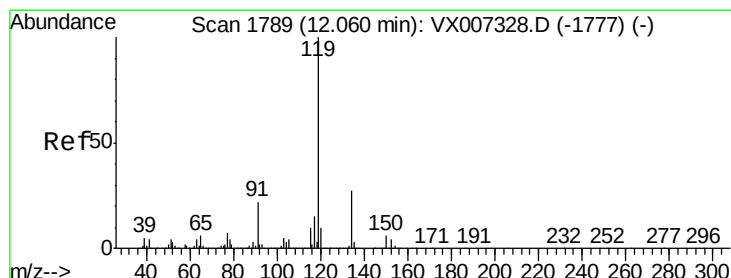
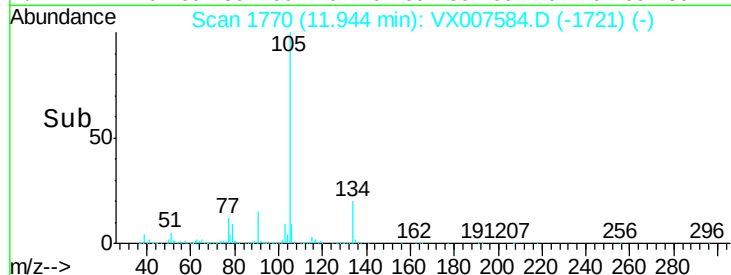


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 18.851 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

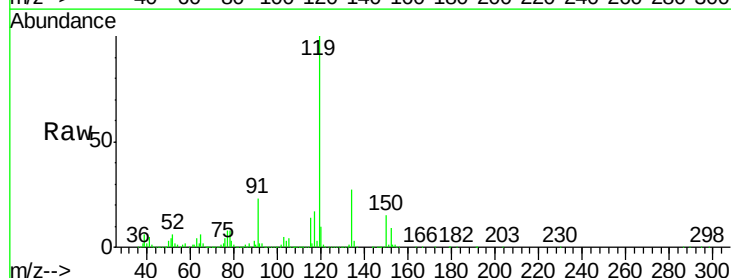
Tgt Ion:119 Resp: 330411

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

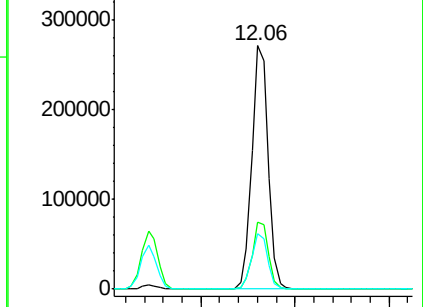
91 22.8 11.2 33.5



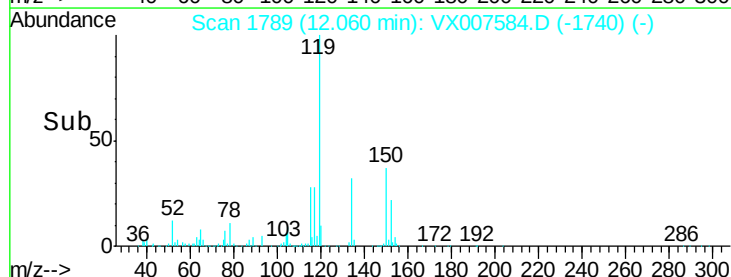
Abundance Ion 119.00 (118.70 to 119.70): V

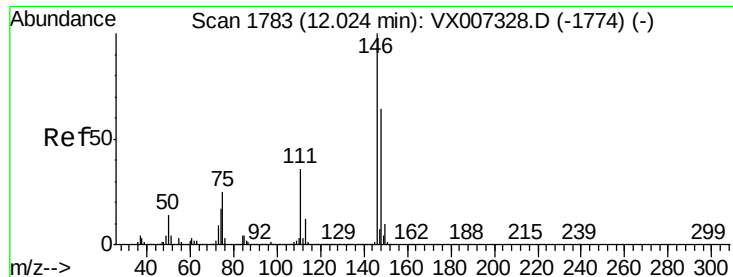
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





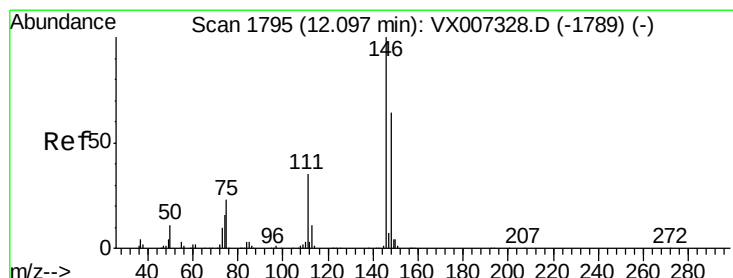
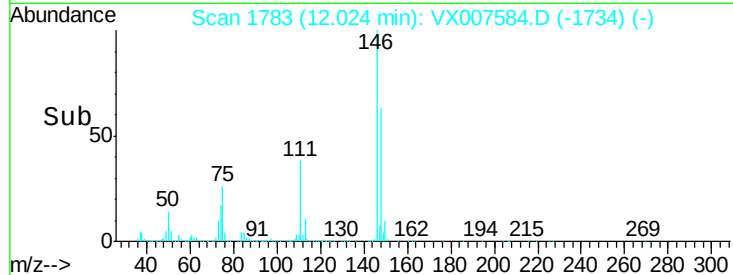
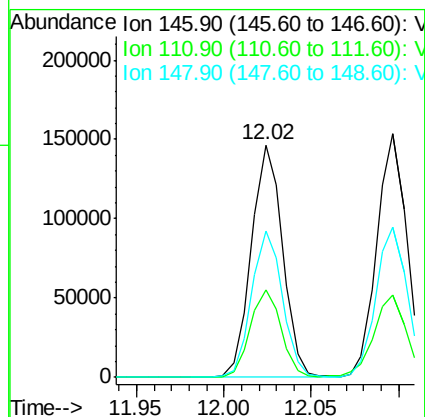
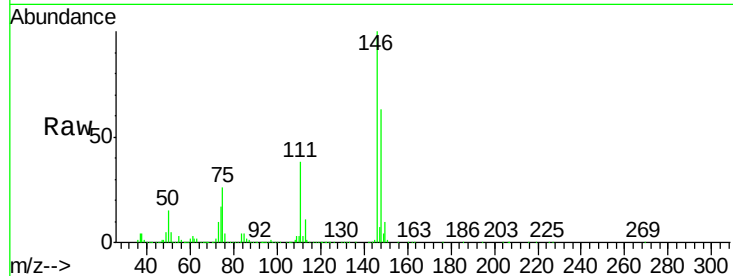
#87
 1,3-Dichlorobenzene
 Concen: 18.246 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	62.0	32.0	96.2

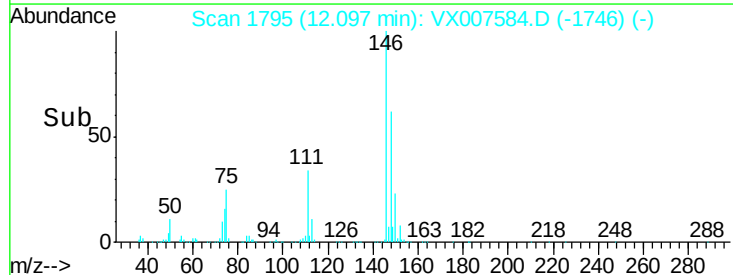
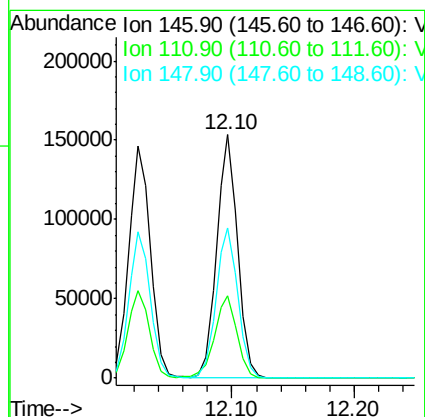
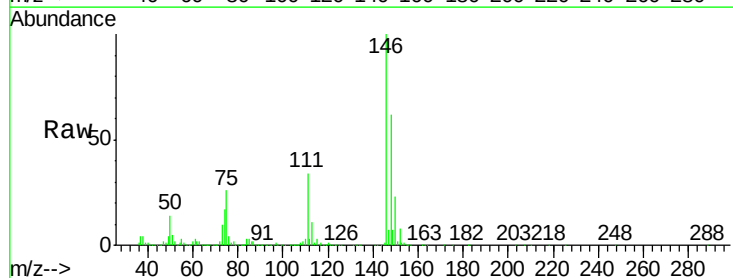
Manual Integrations
 APPROVED

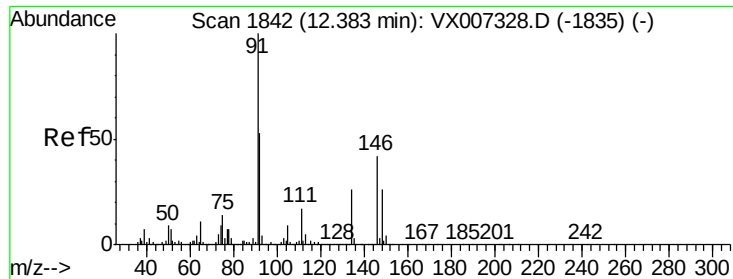
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#88
 1,4-Dichlorobenzene
 Concen: 18.117 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.1	32.3	96.9





#89

n-Butylbenzene

Concen: 18.054 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

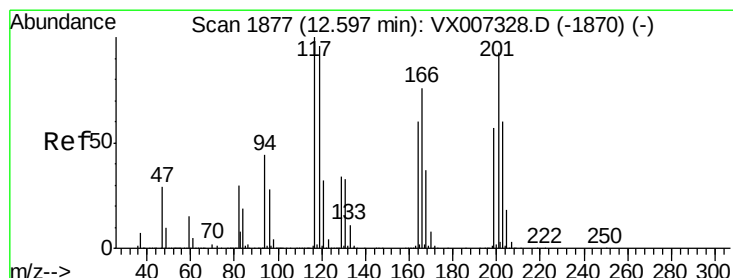
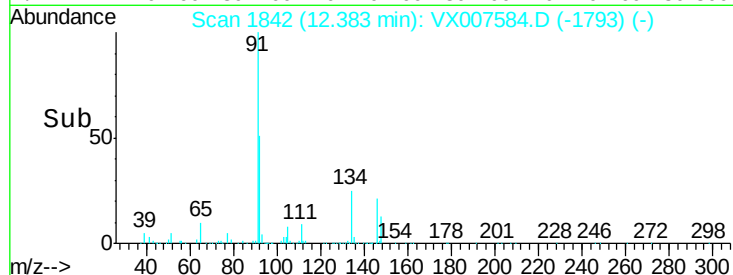
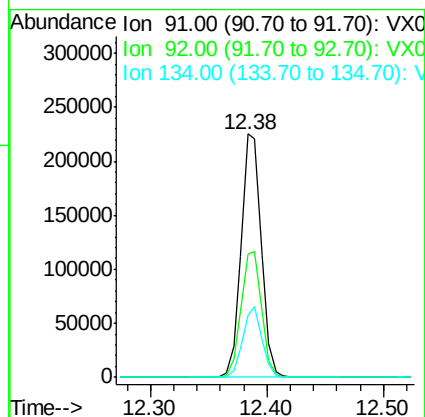
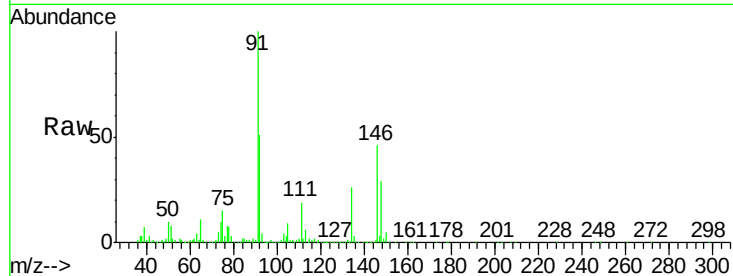
ClientSampleId :

VX0218WBSD01

Tot Ion:	91	Resp:	272210
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.3	78.9
134	28.0	13.9	41.6

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#90

Hexachloroethane

Concen: 20.219 ug/l

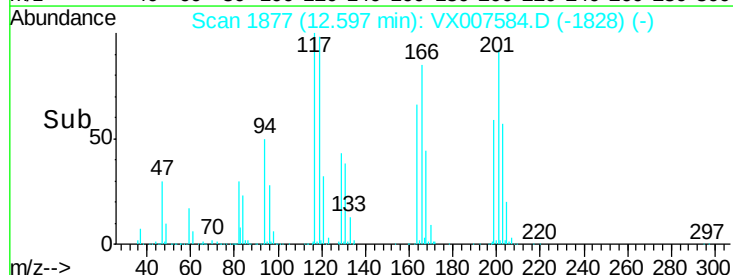
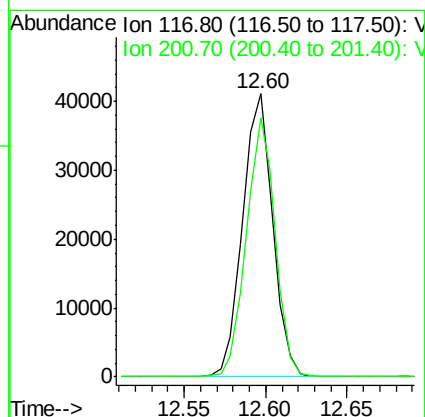
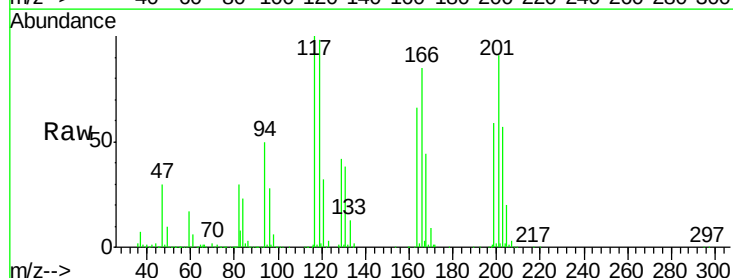
RT: 12.60 min Scan# 1877

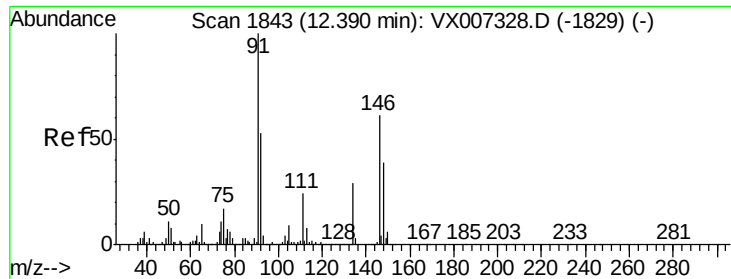
Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion:	117	Resp:	53037
Ion Ratio	Lower	Upper	
117	100		
201	87.4	44.9	134.7





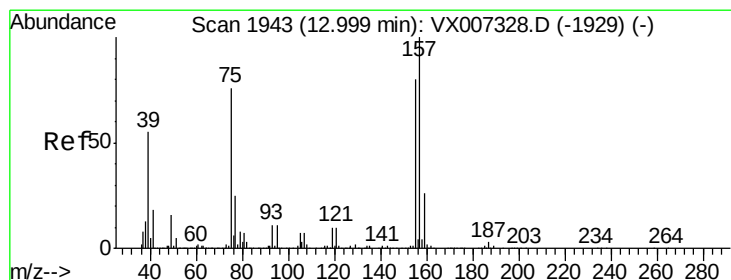
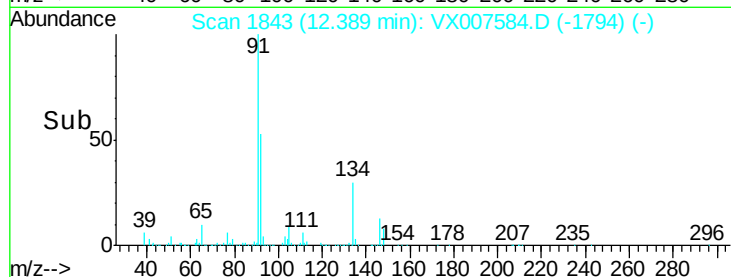
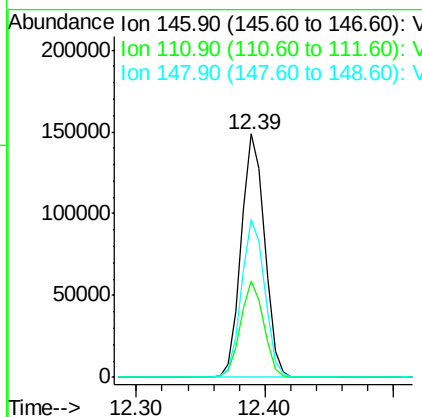
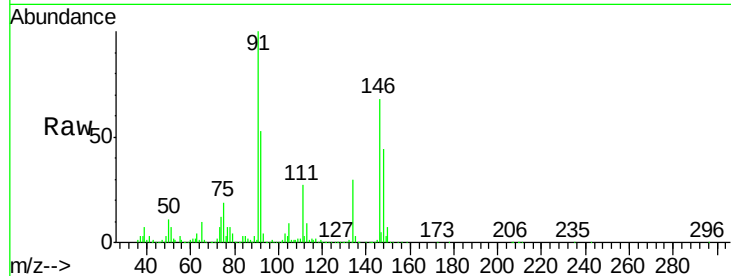
#91
 1,2-Dichlorobenzene
 Concen: 18.746 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	186833		
111	39.1		19.1	57.3
148	64.2		32.1	96.3

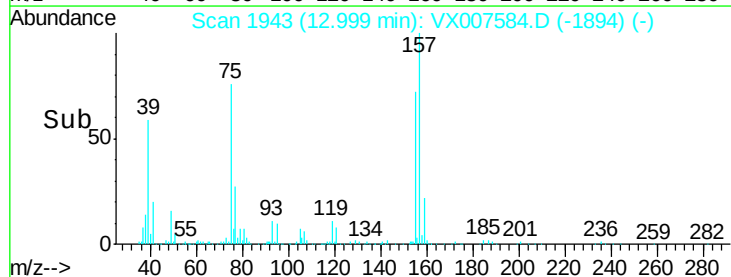
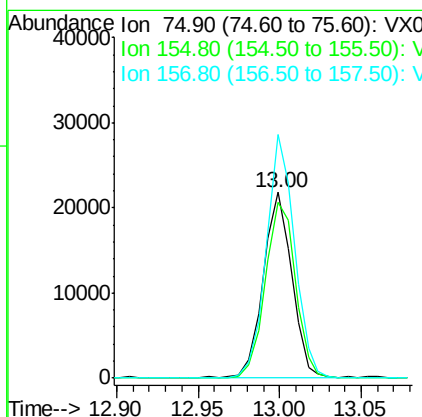
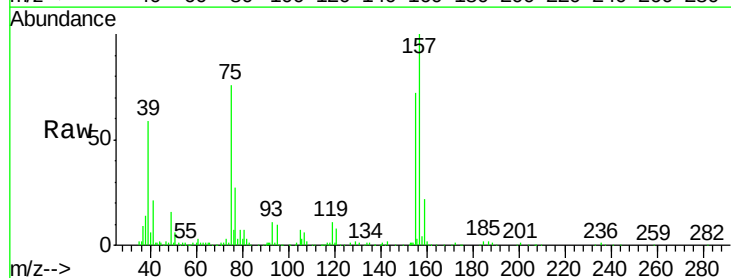
Manual Integrations
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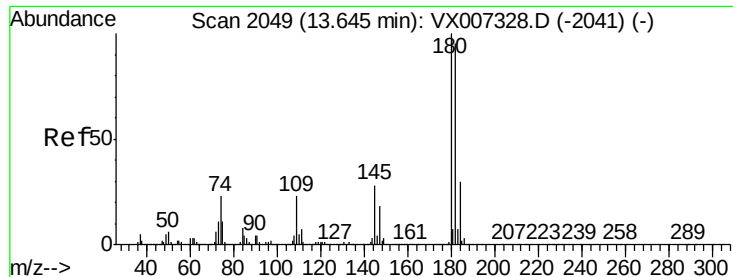
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.139 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26531		
155	99.4		49.6	149.0
157	128.5		65.1	195.3





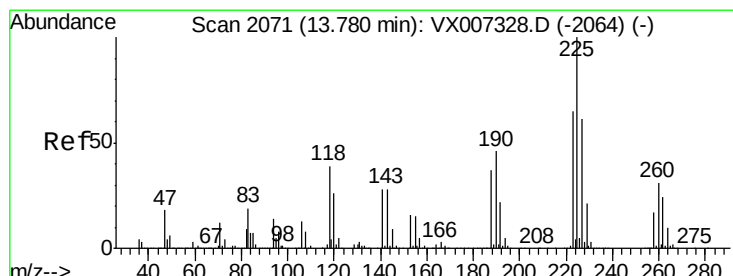
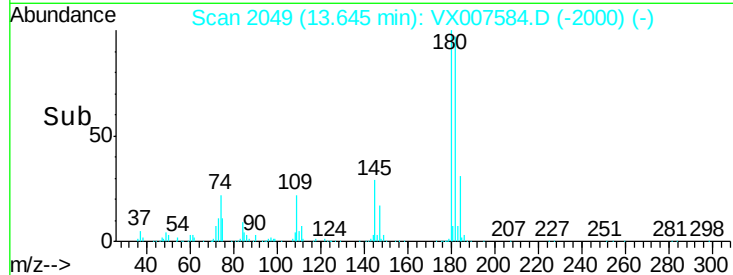
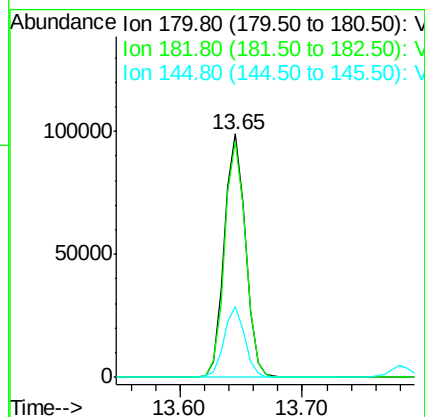
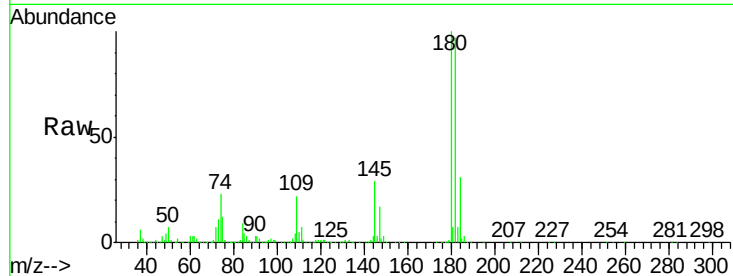
#93
 1,2,4-Trichlorobenzene
 Concen: 17.681 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion:	180	Resp:	118846
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.8	143.3
145	28.8	14.1	42.2

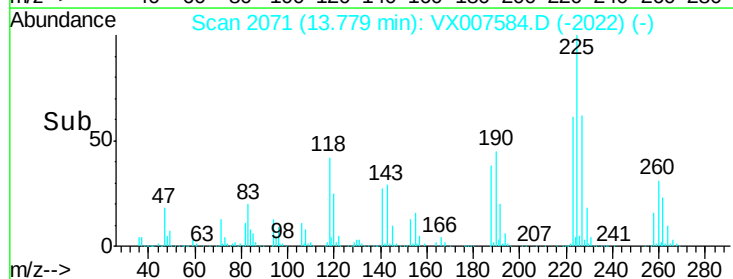
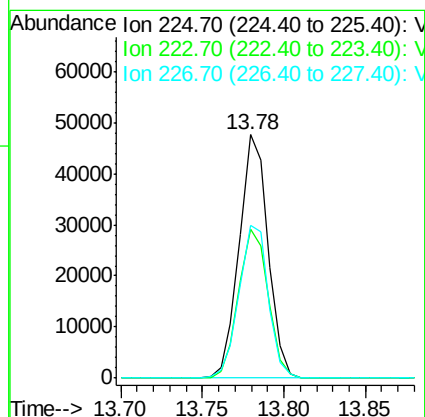
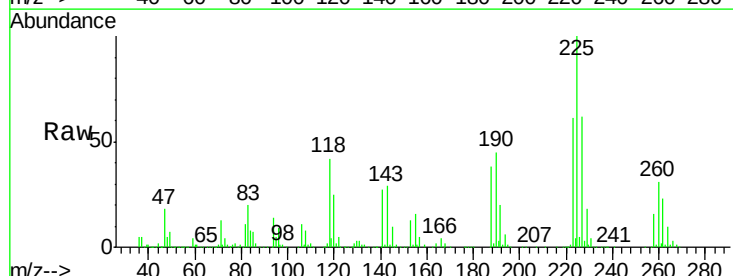
Manual Integrations
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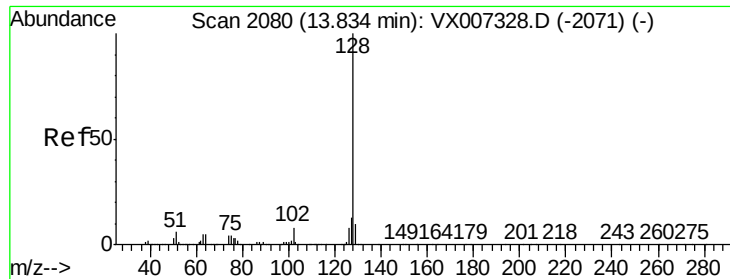
MMDadoda
 2/19/2019 11:01:18 AM



#94
 Hexachlorobutadiene
 Concen: 18.022 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion:	225	Resp:	58819
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.6	94.8
227	63.7	32.1	96.3





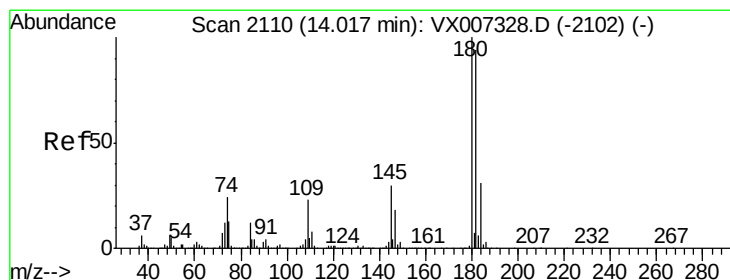
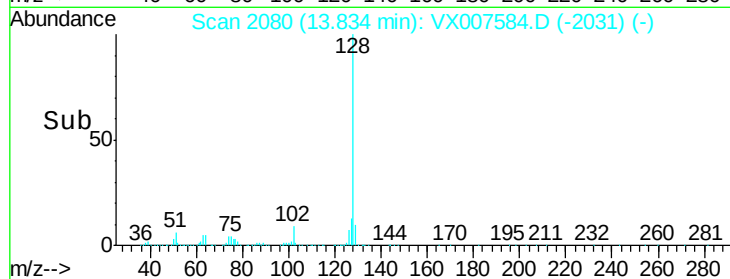
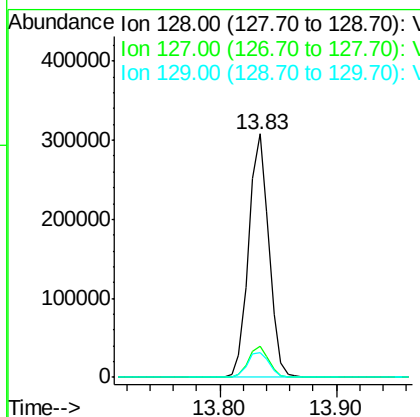
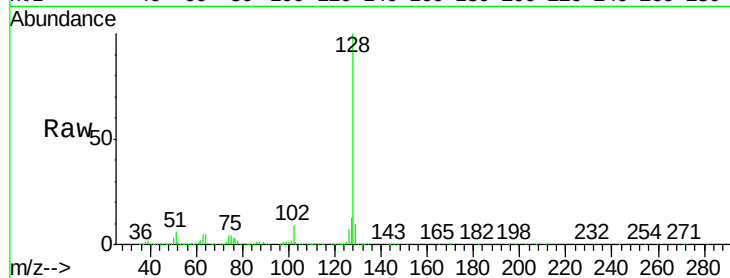
#95
Naphthalene
Concen: 19.045 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	374341		
127	13.0		10.5	15.7
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/19/2019 11:01:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.079 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	122322		
182	96.6		47.5	142.6
145	30.7		14.9	44.5

