

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007668.D
 Acq On : 25 Feb 2019 12:28
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX022519

Manual Integrations
 APPROVED

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 2/26/2019 2:57:50 PM

Quant Time: Feb 26 02:41:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	363874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	593961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	536671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	236387	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	193794	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.71	98	754914	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	284481	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	177124	52.841	ug/l	97
3) Chloromethane	1.33	50	208917	56.244	ug/l	99
4) Vinyl Chloride	1.41	62	190738	50.051	ug/l	99
5) Bromomethane	1.64	94	124110	51.759	ug/l	97
6) Chloroethane	1.72	64	122356	50.254	ug/l	99
7) Trichlorofluoromethane	1.93	101	294942	50.485	ug/l	100
8) Diethyl Ether	2.19	74	114233	47.644	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172397	48.823	ug/l	93
10) Methyl Iodide	2.51	142	210420	47.858	ug/l	98
11) Tert butyl alcohol	3.07	59	217013	253.762	ug/l	99
12) 1,1-Dichloroethene	2.37	96	163225	51.282	ug/l	92
13) Acrolein	2.30	56	195309	257.011	ug/l	98
14) Allyl chloride	2.73	41	302177	51.345	ug/l	98
15) Acrylonitrile	3.15	53	511541	254.181	ug/l	99
16) Acetone	2.45	43	514625	256.751	ug/l	97
17) Carbon Disulfide	2.57	76	463088	52.296	ug/l	100
18) Methyl Acetate	2.78	43	220604	50.438	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	571958	51.603	ug/l	98
20) Methylene Chloride	2.86	84	174829	47.237	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	171186	49.473	ug/l	96
22) Diisopropyl ether	3.87	45	630075	51.429	ug/l	97
23) Vinyl Acetate	3.82	43	2821946	262.537	ug/l	99
24) 1,1-Dichloroethane	3.70	63	333191	50.041	ug/l	99
25) 2-Butanone	4.70	43	807165	264.368	ug/l	98
26) 2,2-Dichloropropane	4.59	77	274477	51.643	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	214535	48.726	ug/l	95
28) Bromochloromethane	5.02	49	164862	50.860	ug/l	87
29) Tetrahydrofuran	5.15	42	526288	261.499	ug/l	98
30) Chloroform	5.21	83	353736	49.597	ug/l	97
31) Cyclohexane	5.57	56	320839	51.227	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	303886	51.519	ug/l	96
36) 1,1-Dichloropropene	5.80	75	267035	50.007	ug/l	97
37) Ethyl Acetate	4.86	43	299406	50.475	ug/l	100
38) Carbon Tetrachloride	5.79	117	256756	47.866	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	335113	49.655	ug/l	98
40) Benzene	6.15	78	811937	49.256	ug/l	98
41) Methacrylonitrile	5.06	41	161977	51.138	ug/l	100
42) 1,2-Dichloroethane	6.20	62	279272	50.406	ug/l	100
43) Isopropyl Acetate	6.46	43	483870	53.002	ug/l	98
44) Trichloroethene	7.21	130	215248	47.468	ug/l	91
45) 1,2-Dichloropropane	7.51	63	209745	49.120	ug/l	97
46) Dibromomethane	7.66	93	140224	47.072	ug/l	91
47) Bromodichloromethane	7.90	83	261255	50.608	ug/l	99
48) Methyl methacrylate	7.77	41	244151	51.019	ug/l	97
49) 1,4-Dioxane	7.75	88	102164	988.452	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1577822	258.195	ug/l	100
52) Toluene	8.79	92	507020	48.777	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	308193	48.132	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	328868	52.495	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	210630	48.593	ug/l	96
56) Ethyl methacrylate	9.18	69	321886	52.219	ug/l	98
57) 1,3-Dichloropropane	9.37	76	347710	50.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	893392	262.825	ug/l	96
59) 2-Hexanone	9.49	43	1243426	259.173	ug/l	100
60) Dibromochloromethane	9.59	129	212550	50.960	ug/l	97
61) 1,2-Dibromoethane	9.67	107	224950	49.984	ug/l	99
64) Tetrachloroethene	9.34	164	205429	47.152	ug/l	95
65) Chlorobenzene	10.14	112	563552	48.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	202889	50.111	ug/l	98
67) Ethyl Benzene	10.25	91	969519	50.423	ug/l	98
68) m/p-Xylenes	10.36	106	765224	102.300	ug/l	96
69) o-Xylene	10.70	106	364046	50.597	ug/l	95
70) Styrene	10.71	104	609515	51.538	ug/l	98
71) Bromoform	10.86	173	153771	50.647	ug/l #	99
73) Isopropylbenzene	11.02	105	994113	50.558	ug/l	99
74) N-amyl acetate	10.90	43	455886	53.390	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	324710	47.746	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	316961m	54.050	ug/l	
77) Bromobenzene	11.26	156	240218	48.707	ug/l	84
78) n-propylbenzene	11.36	91	1168660	52.597	ug/l	96
79) 2-Chlorotoluene	11.42	91	674677	50.429	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	836426	51.715	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	105450	48.296	ug/l	97
82) 4-Chlorotoluene	11.51	91	817022	52.203	ug/l	95
83) tert-Butylbenzene	11.77	119	810474	52.191	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	857162	51.811	ug/l	98
85) sec-Butylbenzene	11.94	105	1011065	51.957	ug/l	98
86) p-Isopropyltoluene	12.06	119	895844	52.567	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	450006	49.191	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	460886	49.193	ug/l	97
89) n-Butylbenzene	12.39	91	811118	53.368	ug/l	98
90) Hexachloroethane	12.60	117	143299	49.904	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	446573	48.788	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72464	48.903	ug/l	84

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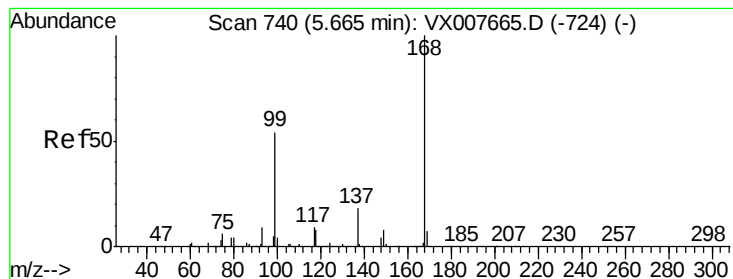
Manual Integrations
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2/26/2019 2:57:50 PM

Quant Time: Feb 26 02:41:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277166	49.607	ug/l	98
94) Hexachlorobutadiene	13.78	225	117806	46.090	ug/l	99
95) Naphthalene	13.83	128	949004	52.426	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274208	48.877	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. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion:168 Resp: 363874

Ion Ratio Lower Upper

168 100

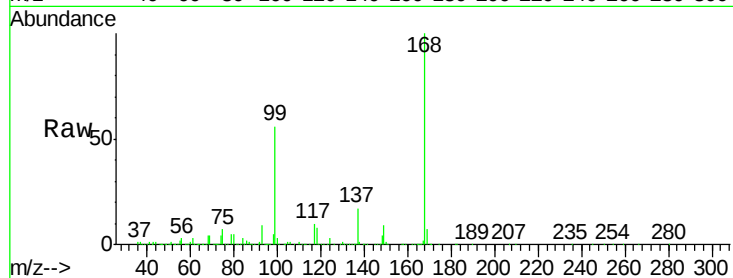
99 55.4 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

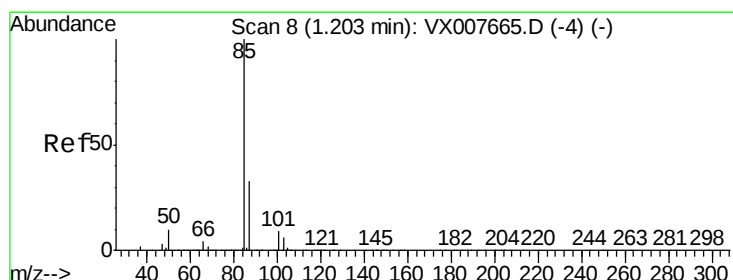
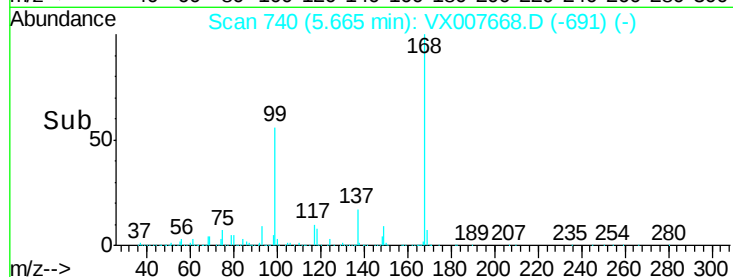
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.841 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007668.D

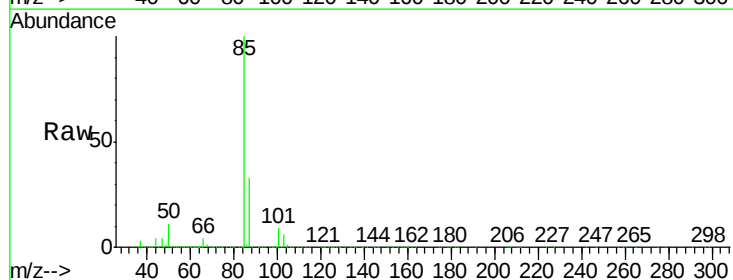
Acq: 25 Feb 2019 12:28

Tgt Ion: 85 Resp: 177124

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

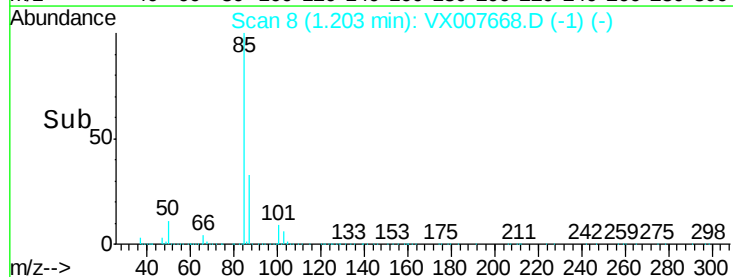
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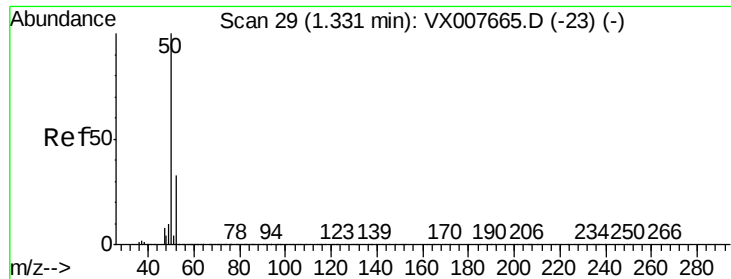
100000

50000

0

Time-->





#3

Chloromethane

Concen: 56.244 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 50 Resp: 208917

Ion Ratio Lower Upper

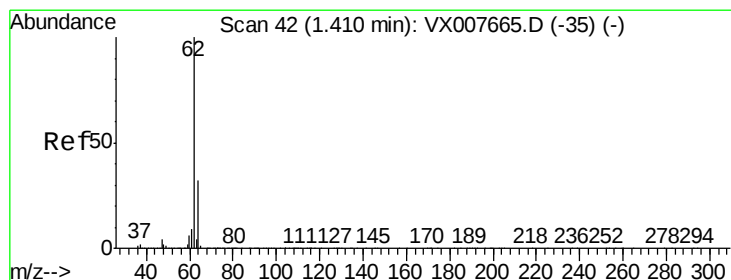
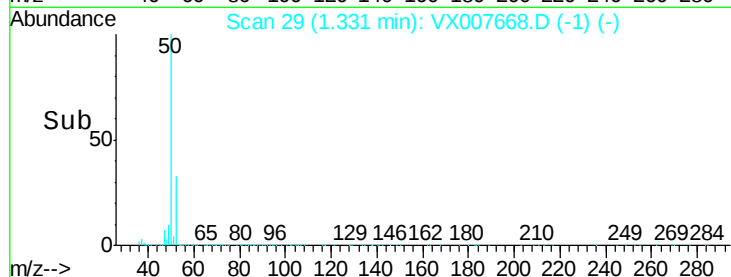
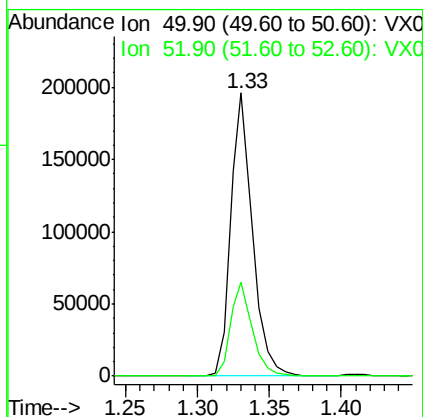
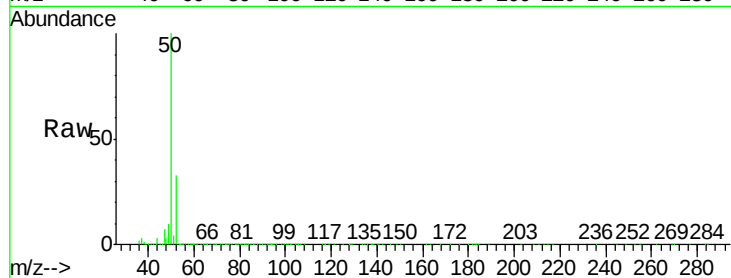
50 100

52 32.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.051 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007668.D

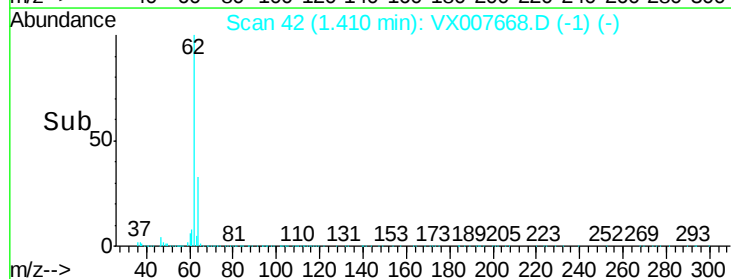
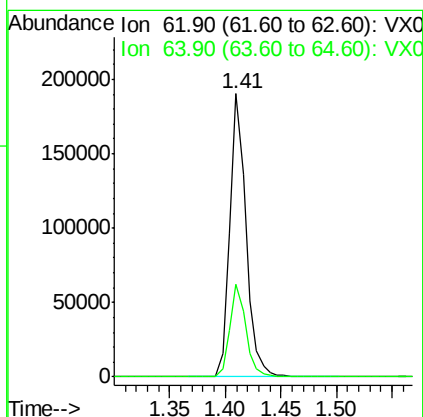
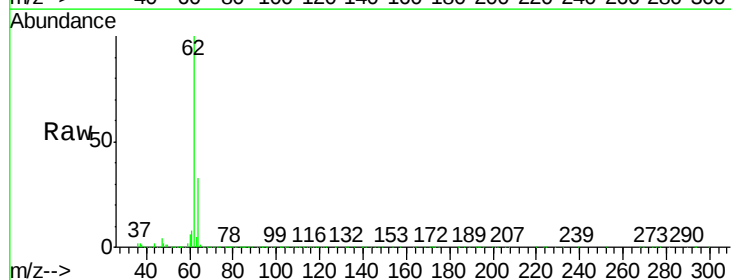
Acq: 25 Feb 2019 12:28

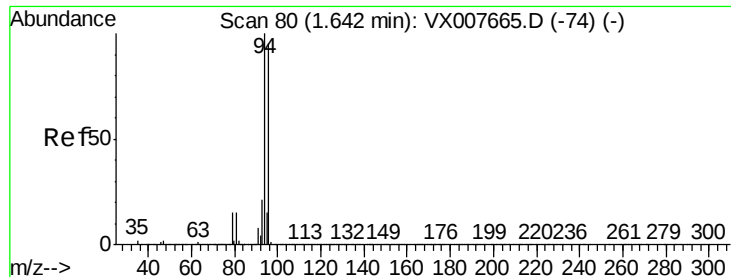
Tgt Ion: 62 Resp: 190738

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 51.759 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 94 Resp: 124110

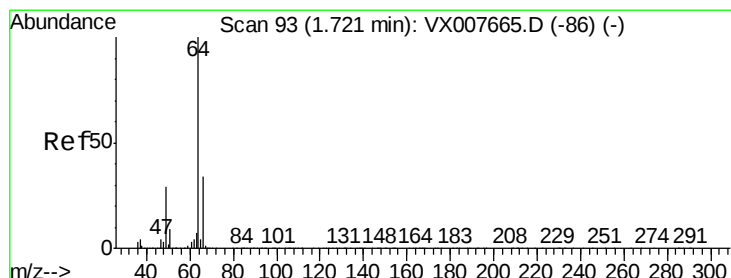
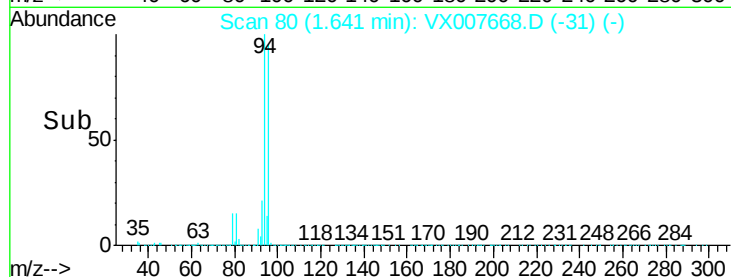
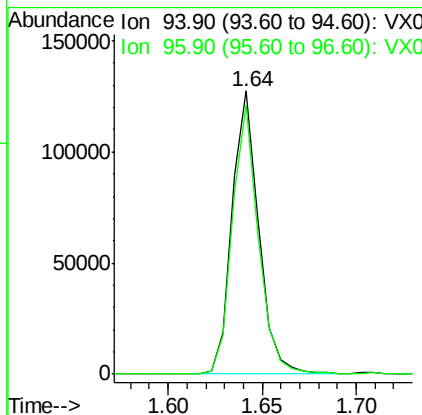
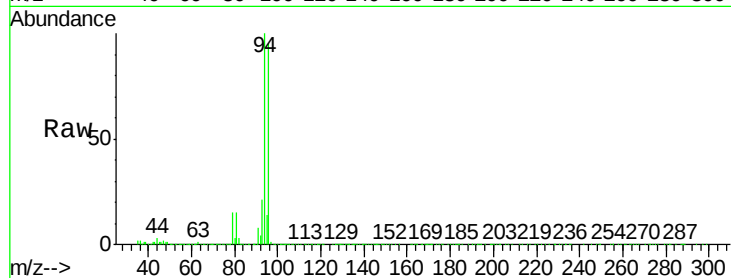
Ion Ratio Lower Upper

94 100

96 95.1 73.9 110.9

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#6

Chloroethane

Concen: 50.254 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007668.D

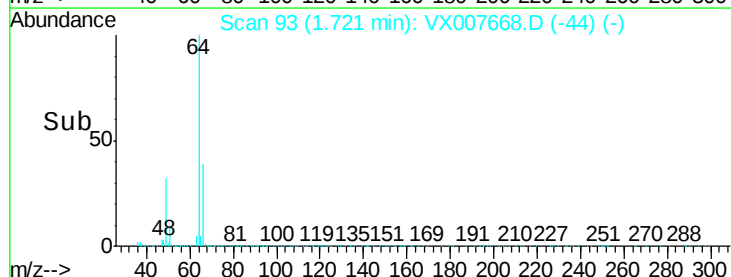
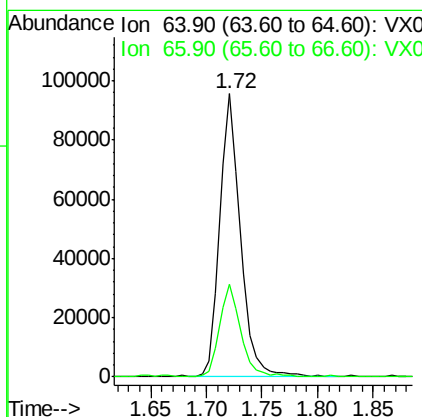
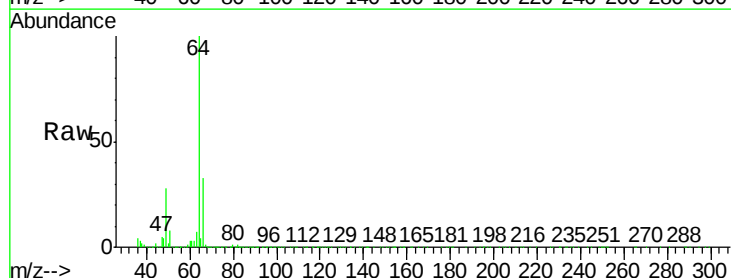
Acq: 25 Feb 2019 12:28

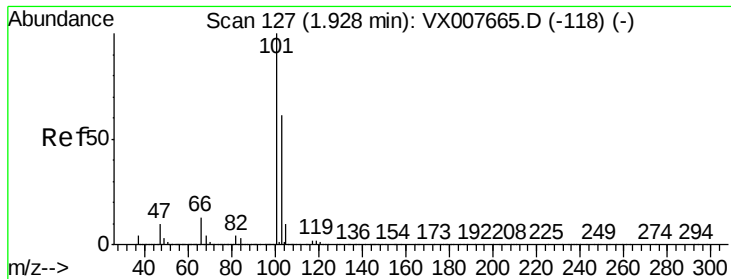
Tgt Ion: 64 Resp: 122356

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3





#7

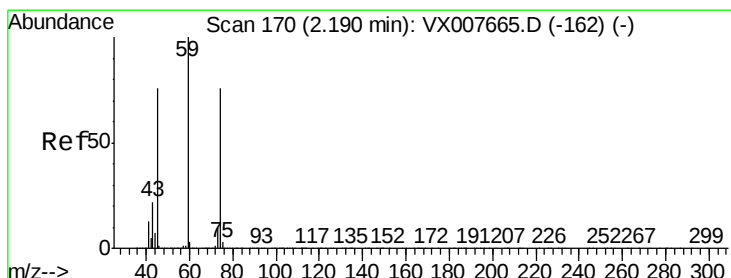
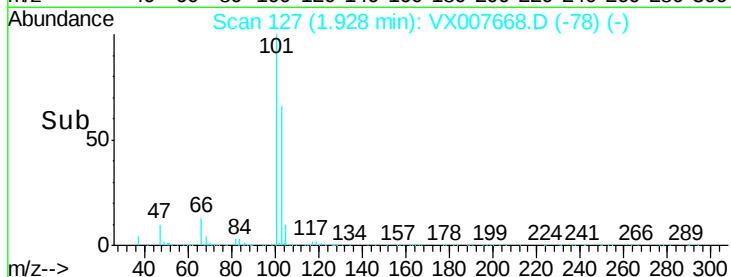
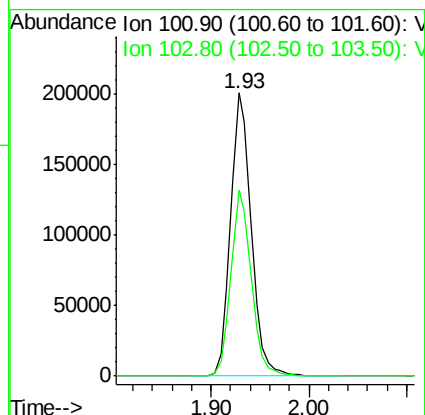
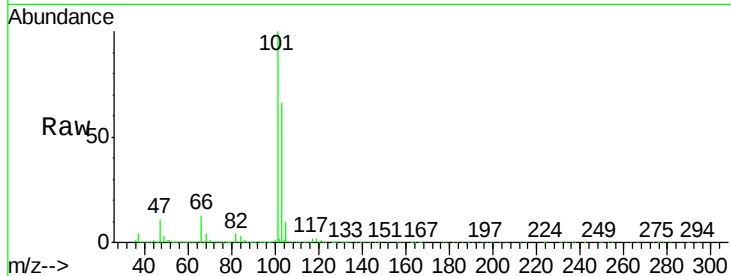
Trichlorofluoromethane
Concen: 50.485 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	294942		
103	65.8	52.6	79.0	

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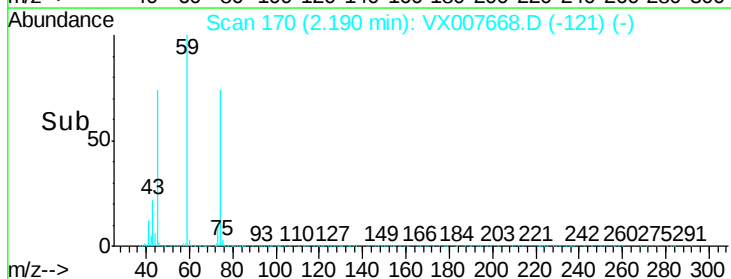
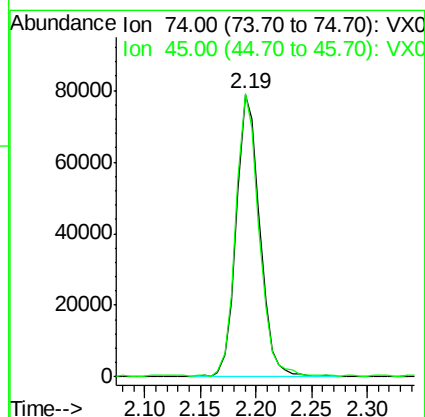
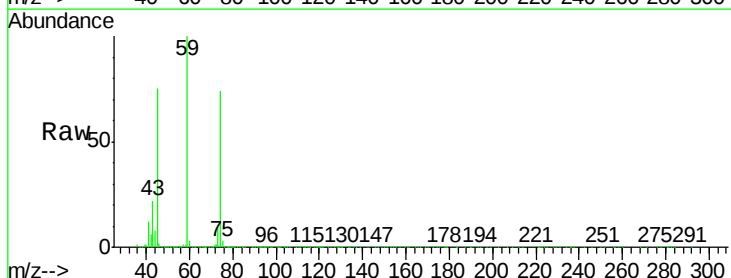
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2/26/2019 2:57:50 PM



#8

Diethyl Ether
Concen: 47.644 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	114233		
45	98.9	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.823 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

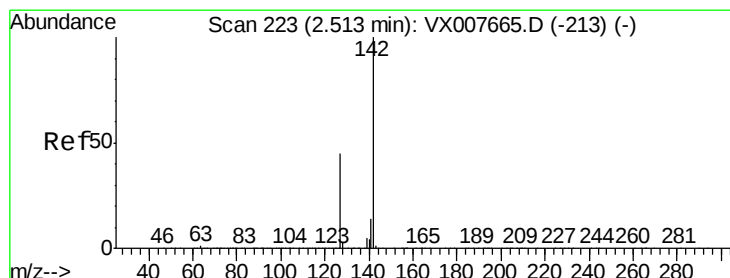
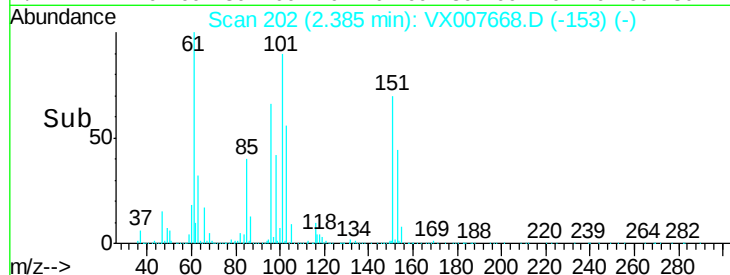
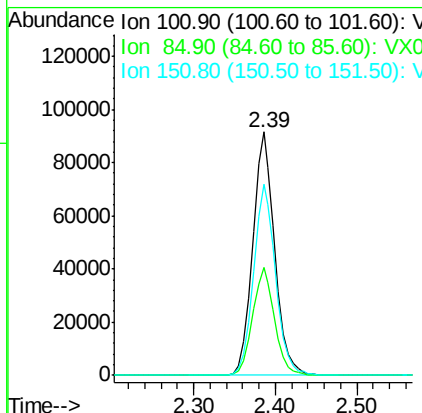
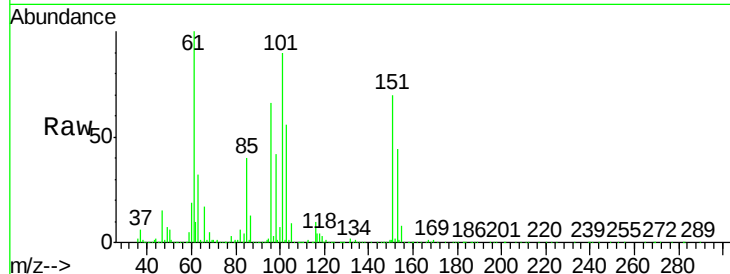
ClientSampleId :

ICVVX022519

Tot Ion:	101	Resp:	172397
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.1	51.1
151	79.2	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 47.858 ug/l

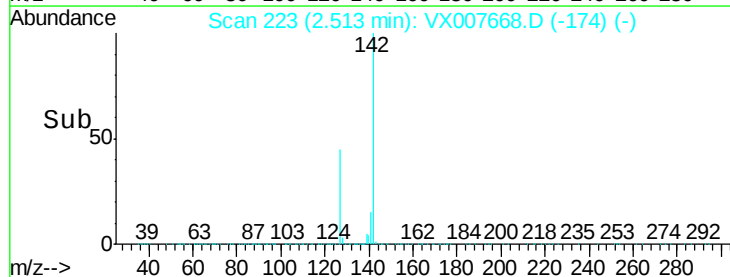
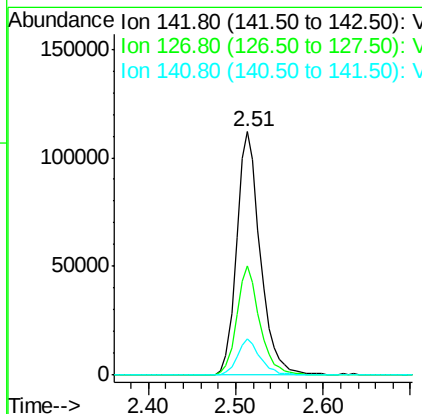
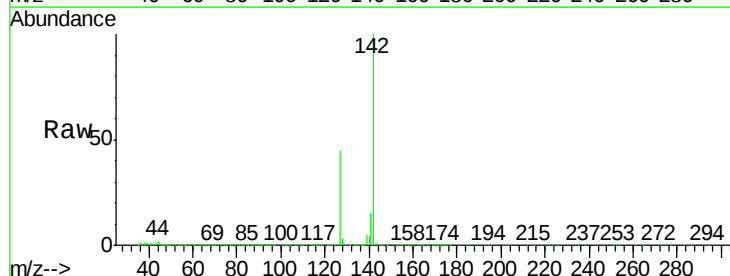
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	142	Resp:	210420
Ion Ratio	Lower	Upper	
142	100		
127	43.8	33.7	50.5
141	14.5	11.3	16.9





#11

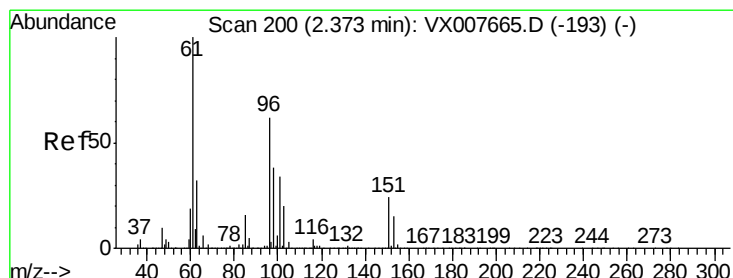
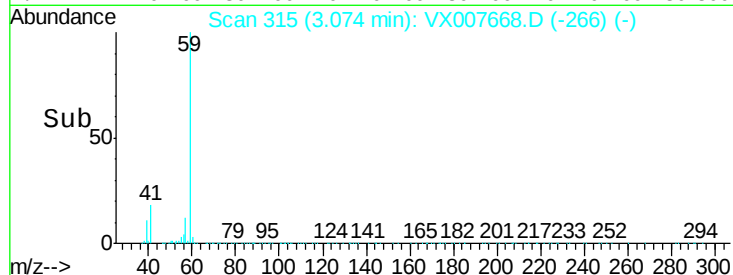
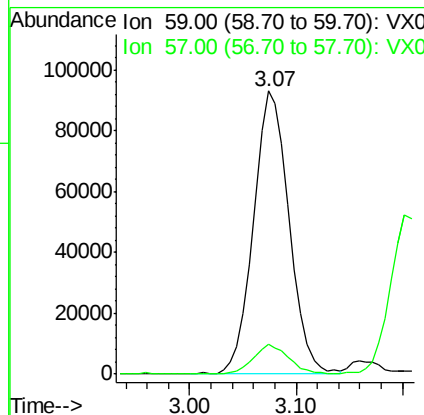
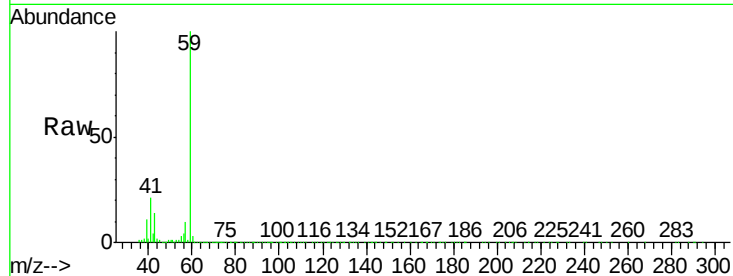
Tert butyl alcohol
Concen: 253.762 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

Manual Integrations
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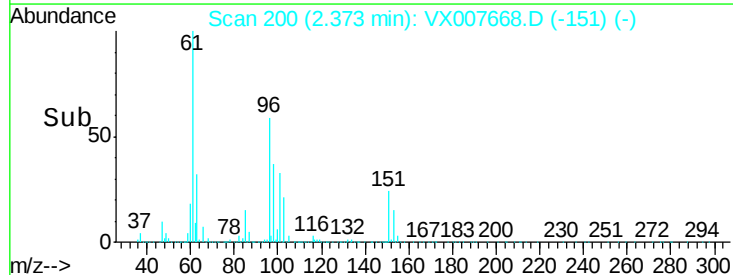
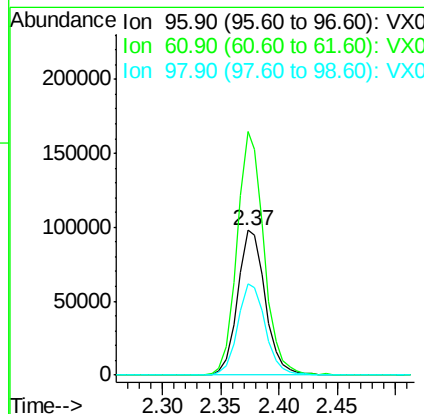
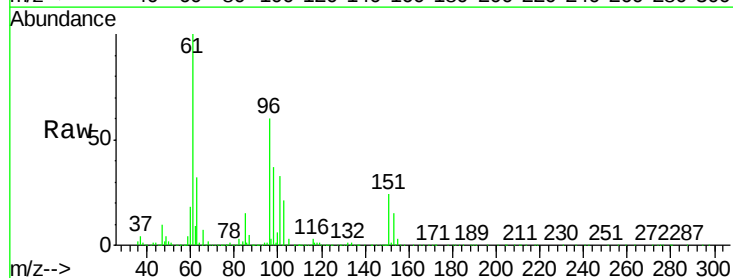
MMDadoda
2/26/2019 2:57:50 PM

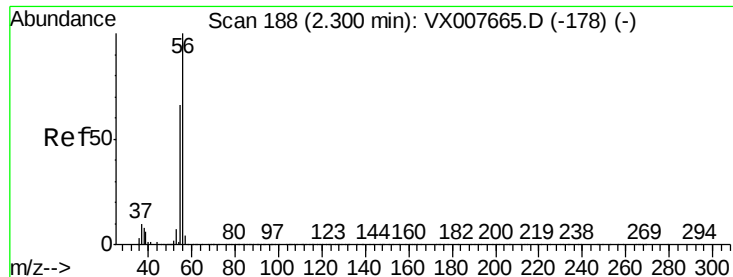


#12

1,1-Dichloroethene
Concen: 51.282 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.9	123.0	184.4
98	62.6	50.9	76.3





#13

Acrolein

Concen: 257.011 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 56 Resp: 195309

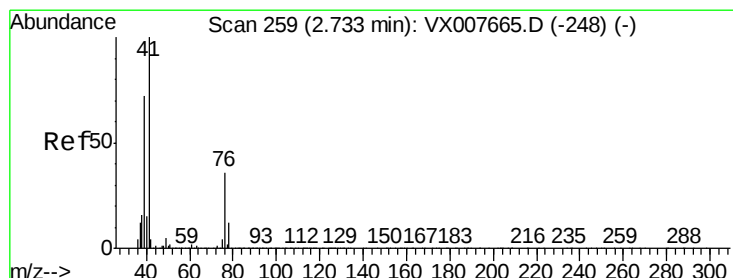
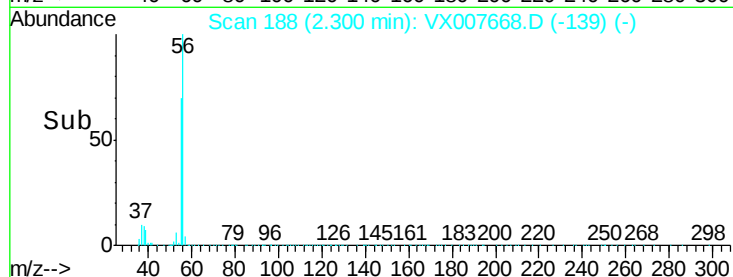
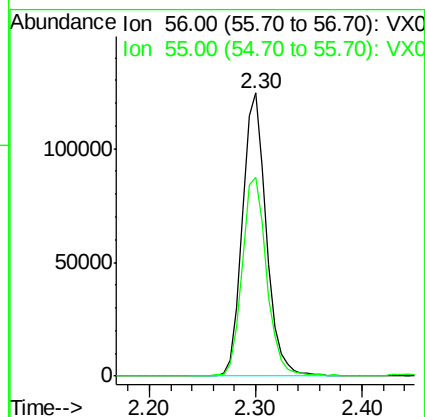
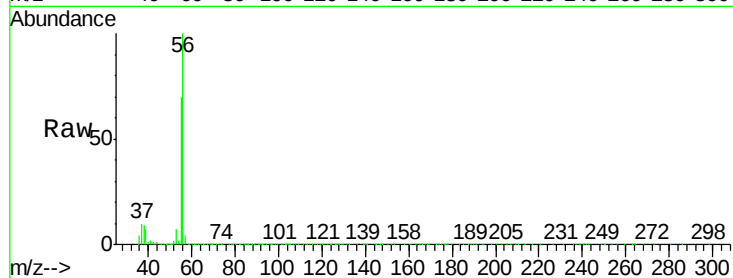
Ion Ratio Lower Upper

56 100

55 72.4 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 51.345 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

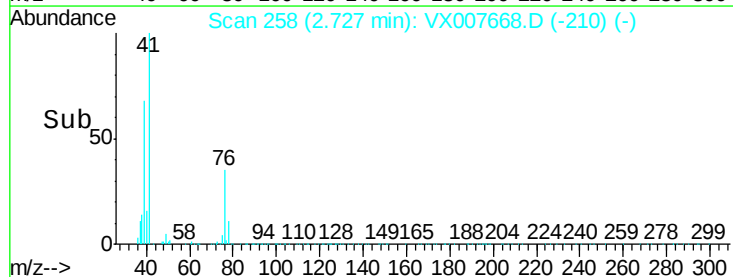
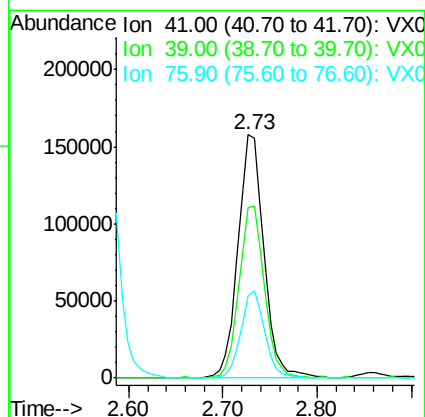
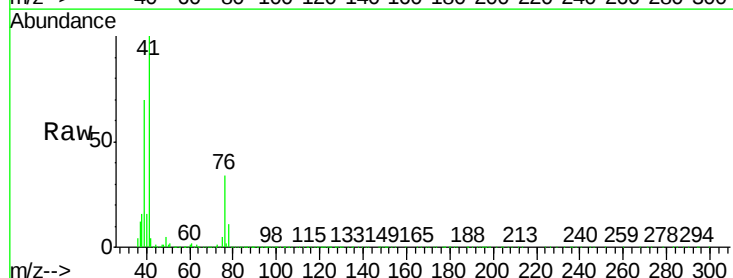
Tgt Ion: 41 Resp: 302177

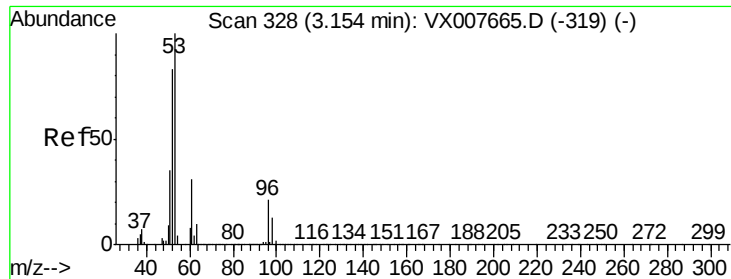
Ion Ratio Lower Upper

41 100

39 68.7 54.1 81.1

76 33.0 27.8 41.8





#15

Acrylonitrile

Concen: 254.181 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

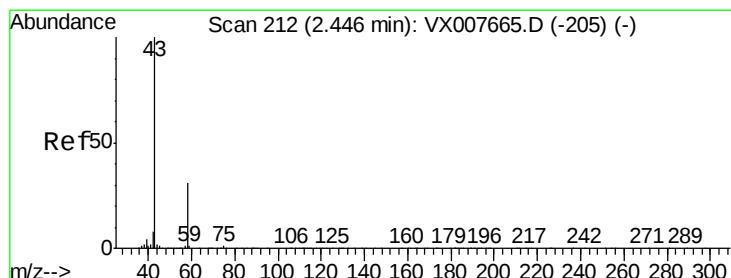
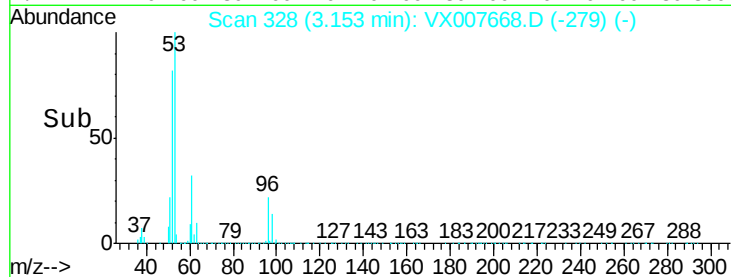
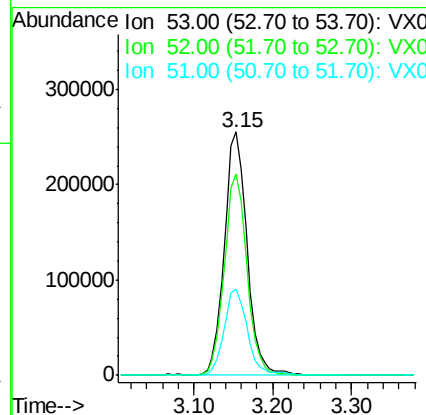
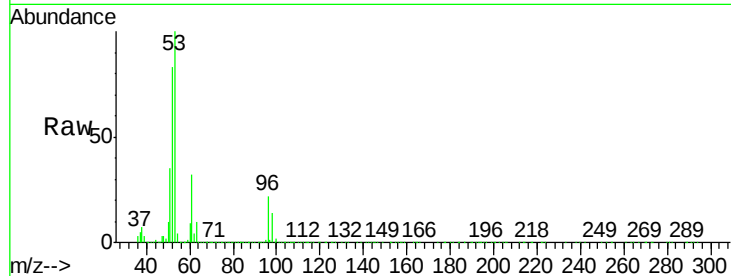
ClientSampleId :

ICVVX022519

Tot Ion:	53	Resp:	511541
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.4	99.6
51	36.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 256.751 ug/l

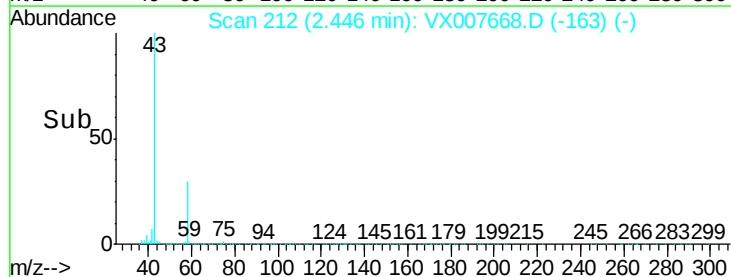
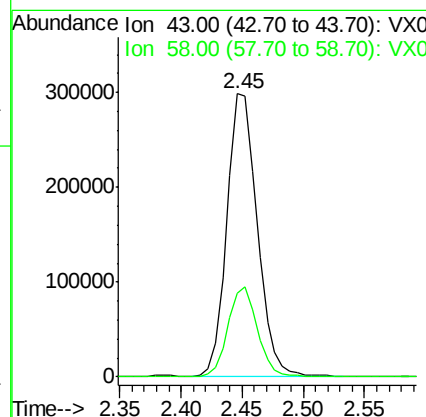
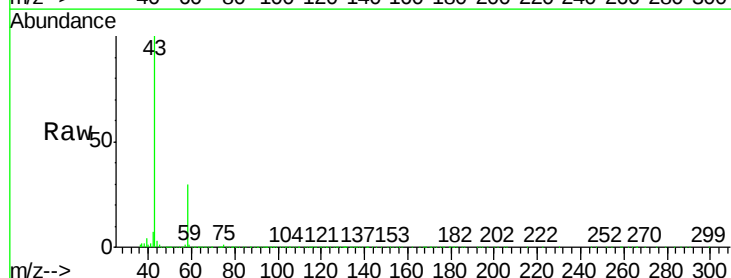
RT: 2.45 min Scan# 212

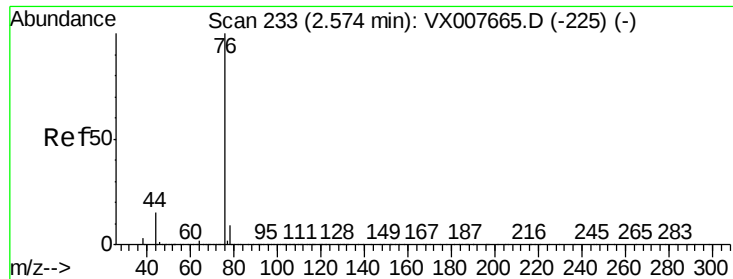
Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	43	Resp:	514625
Ion Ratio		Lower	Upper
43	100		
58	29.6	24.9	37.3





#17

Carbon Disulfide

Concen: 52.296 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 76 Resp: 463088

Ion Ratio Lower Upper

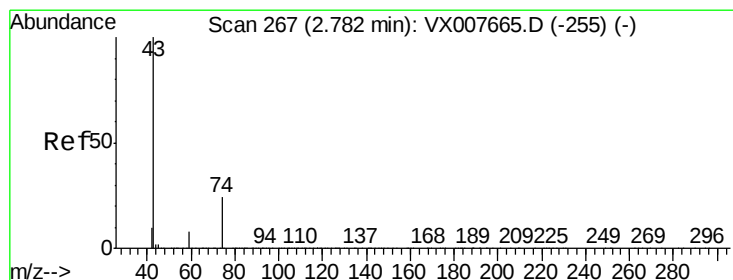
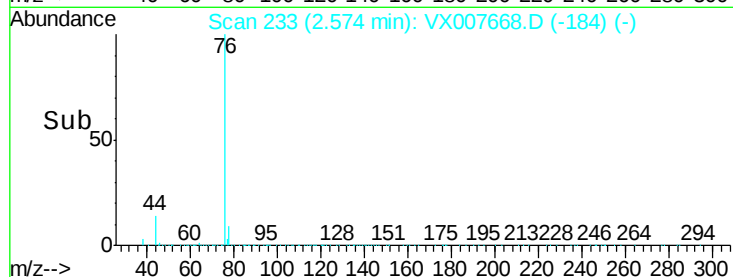
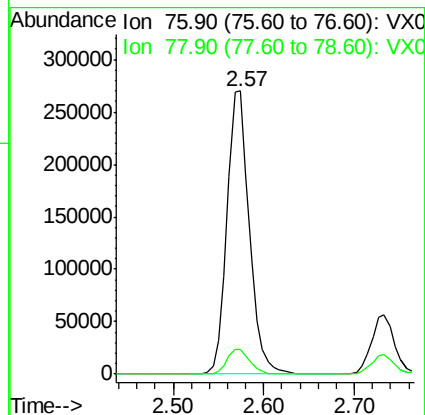
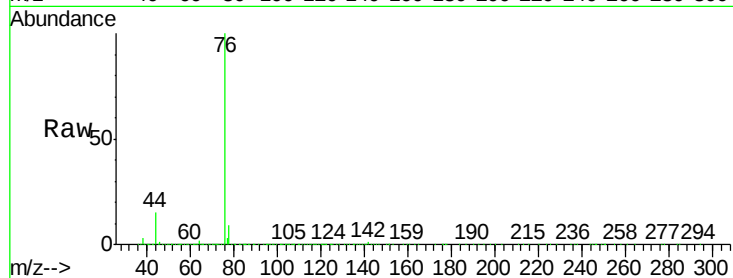
76 100

78 8.7 7.1 10.7

Manual Integrations
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#18

Methyl Acetate

Concen: 50.438 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007668.D

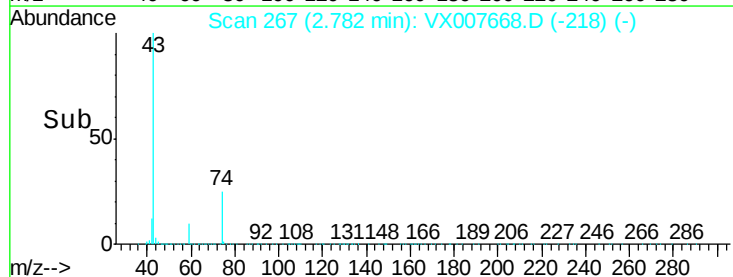
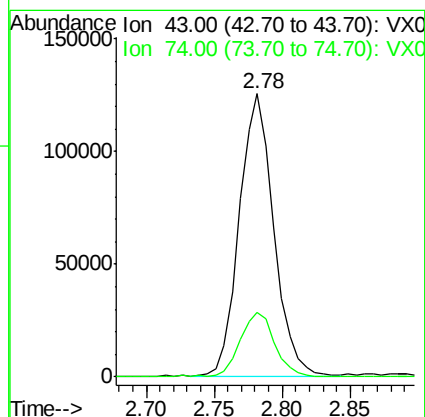
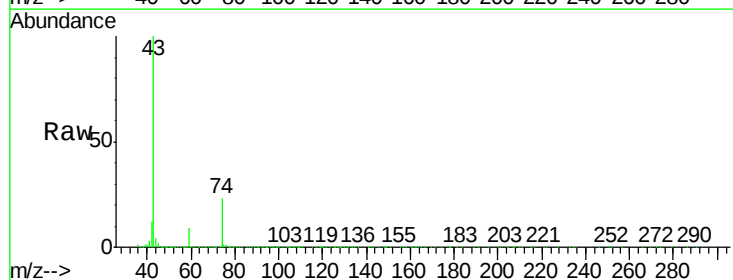
Acq: 25 Feb 2019 12:28

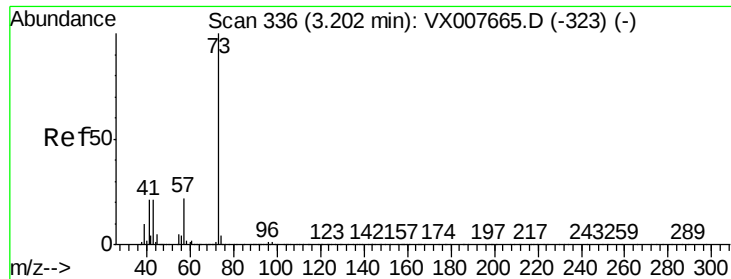
Tgt Ion: 43 Resp: 220604

Ion Ratio Lower Upper

43 100

74 22.4 19.4 29.2





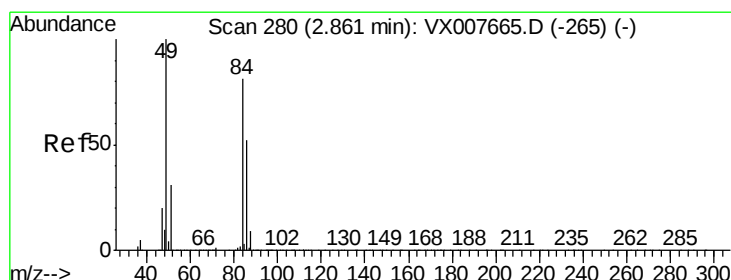
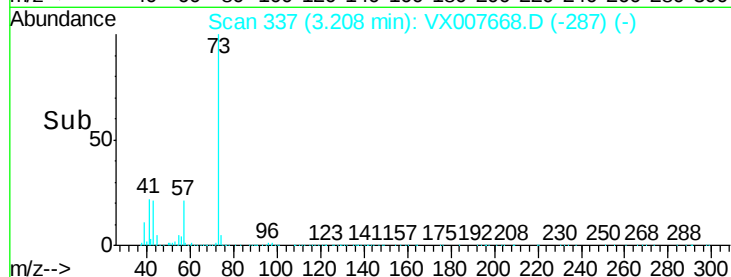
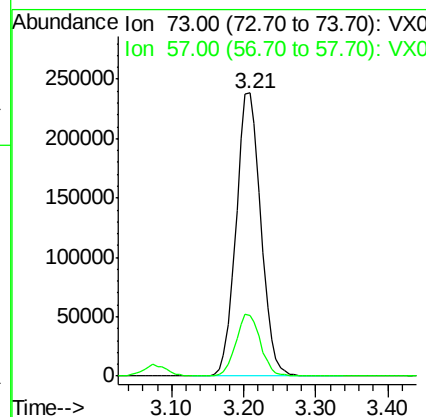
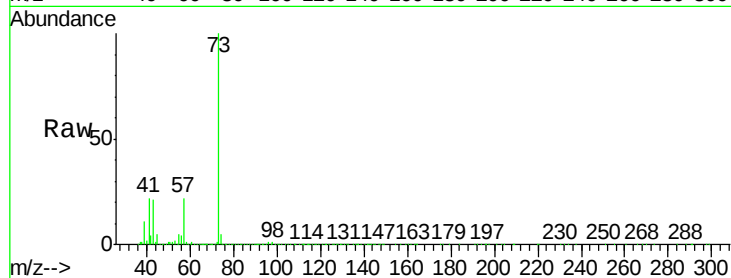
#19
Methvl tert-butvl Ether
Concen: 51.603 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

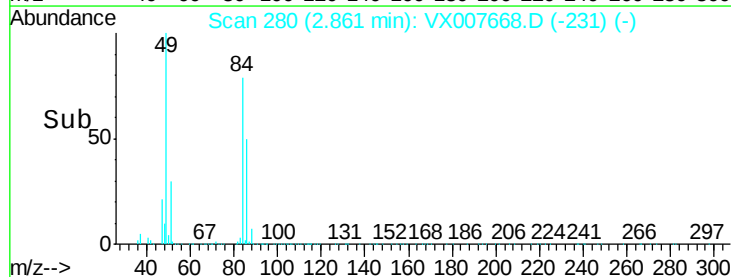
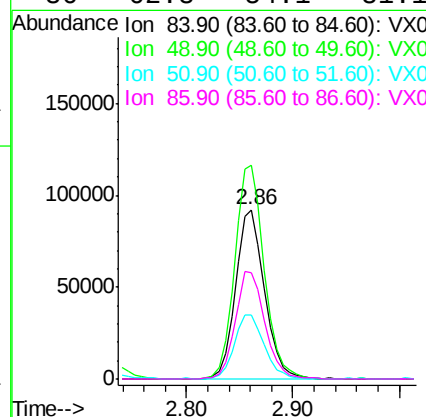
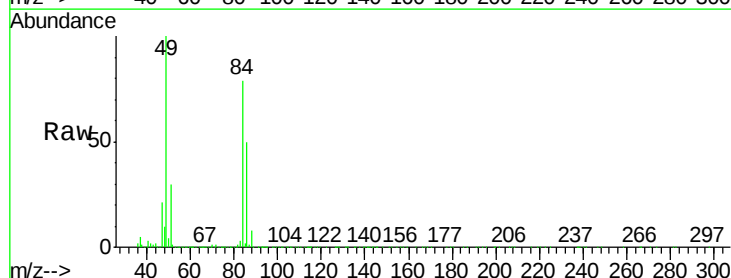
Manual Integrations
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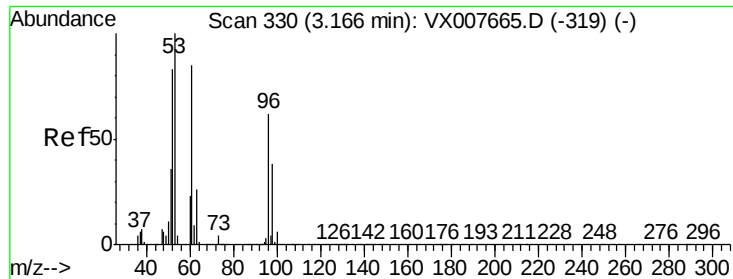
MMDadoda
2/26/2019 2:57:50 PM



#20
Methylene Chloride
Concen: 47.237 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	94.8	142.2
51	37.5	29.8	44.8
86	62.8	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 49.473 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

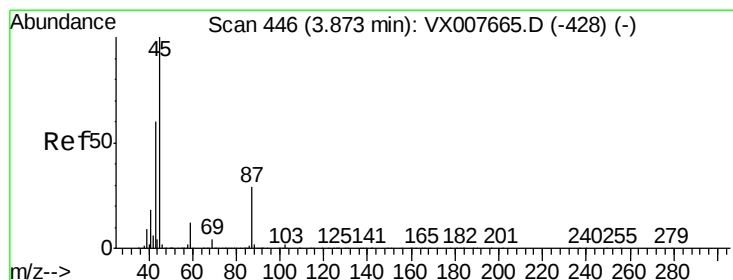
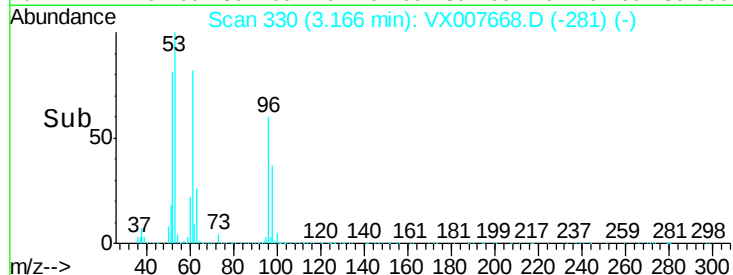
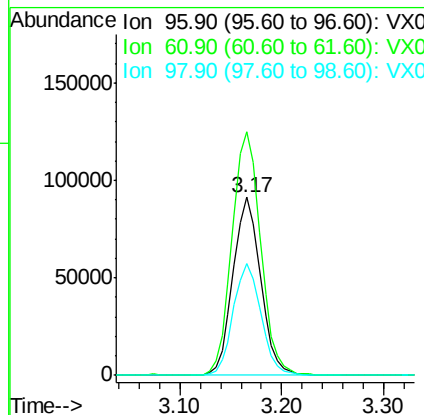
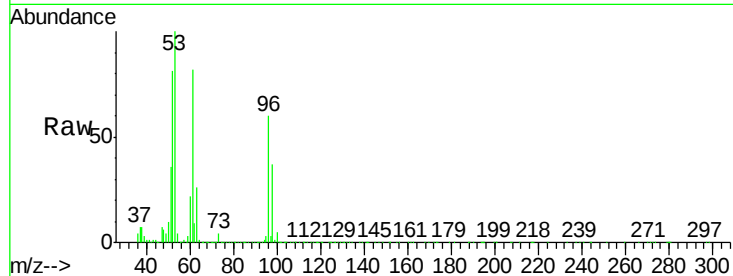
ClientSampleId :

ICVVX022519

Tot Ion:	96	Resp:	171186
Ion	Ratio	Lower	Upper
96	100		
61	136.6	104.6	156.8
98	62.6	51.0	76.4

Manual Integrations
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2/26/2019 2:57:50 PM



#22

Diisopropyl ether

Concen: 51.429 ug/l

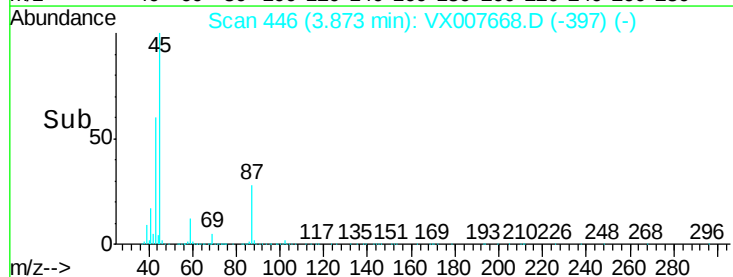
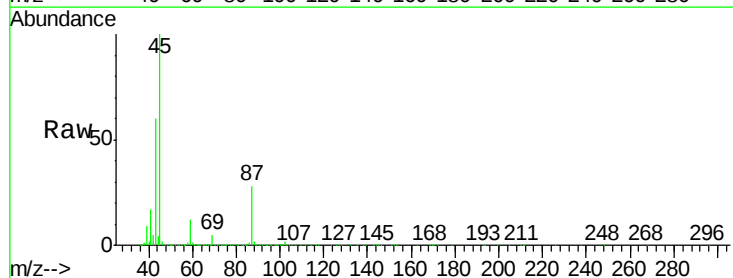
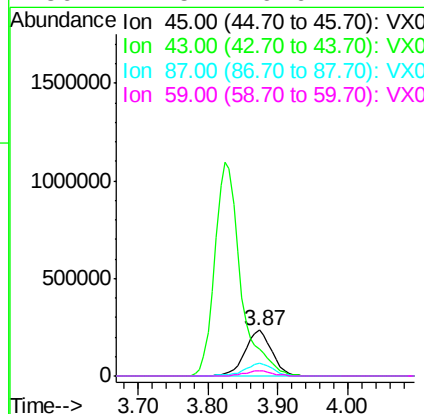
RT: 3.87 min Scan# 446

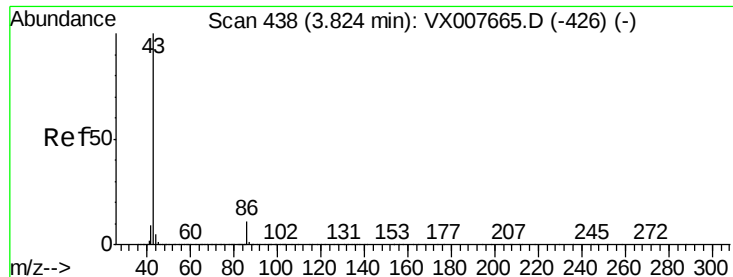
Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	45	Resp:	630075
Ion	Ratio	Lower	Upper
45	100		
43	59.5	48.9	73.3
87	27.6	23.9	35.9
59	11.5	9.6	14.4





#23

Vinyl Acetate

Concen: 262.537 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 43 Resp: 2821946

Ion Ratio Lower Upper

43 100

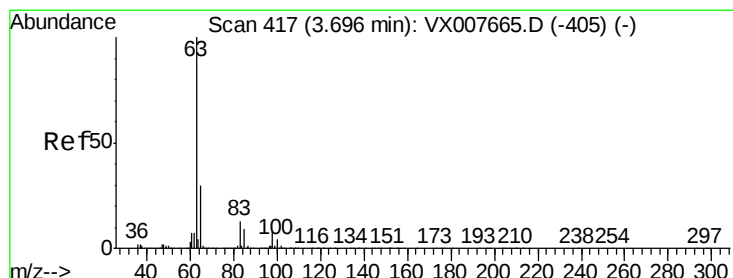
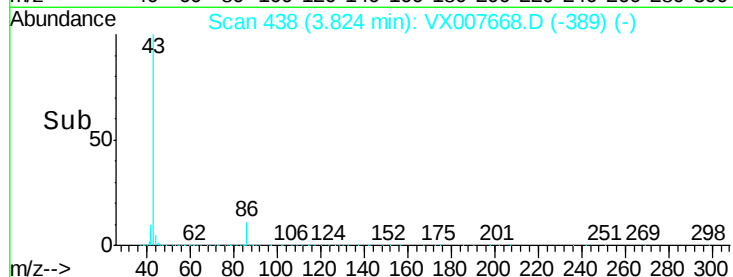
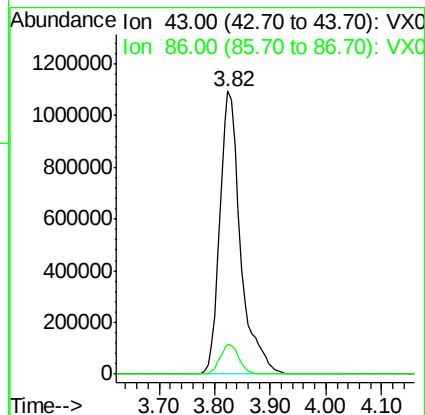
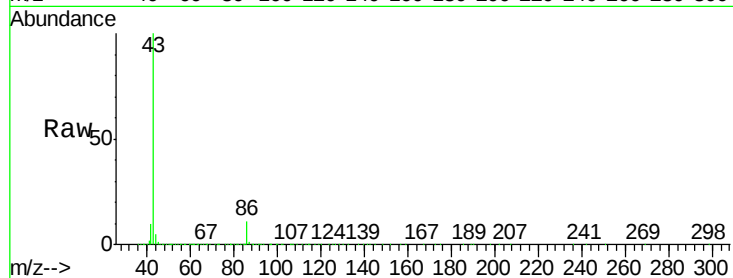
86 10.7 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.041 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

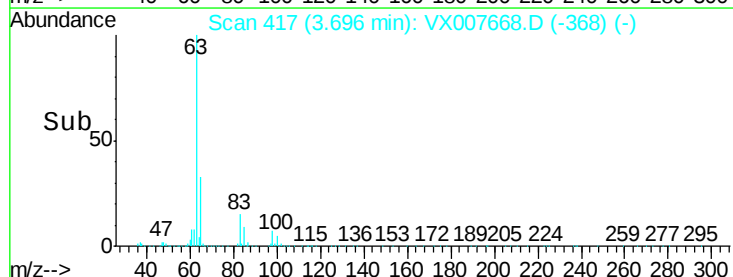
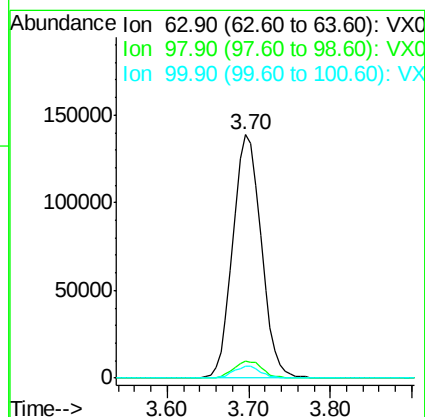
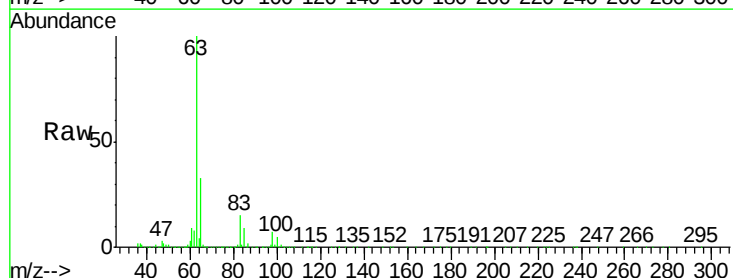
Tgt Ion: 63 Resp: 333191

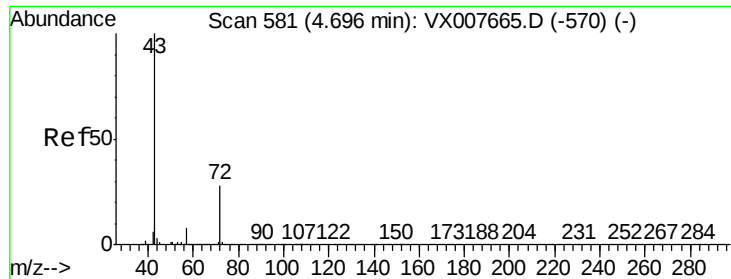
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 264.368 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 43 Resp: 807165

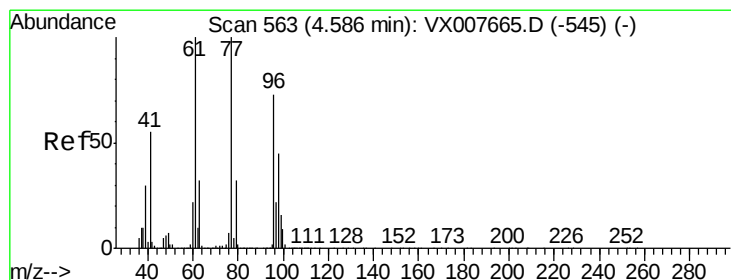
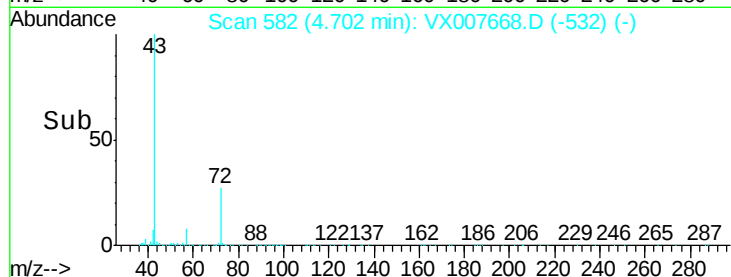
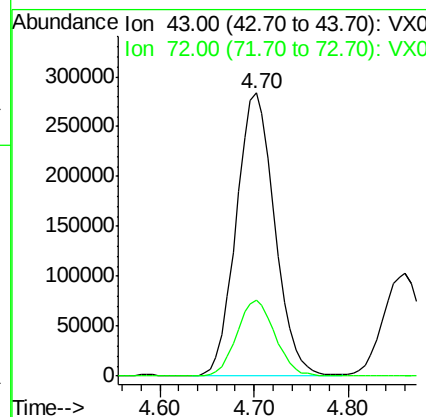
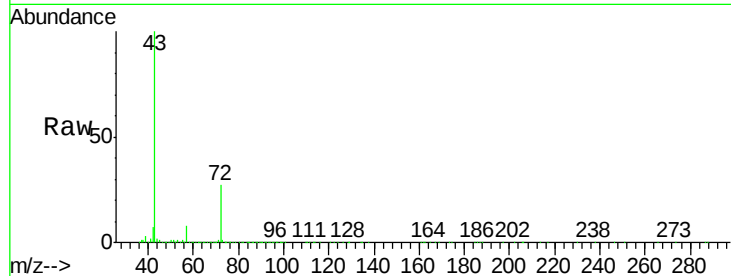
Ion Ratio Lower Upper

43 100

72 26.9 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 51.643 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007668.D

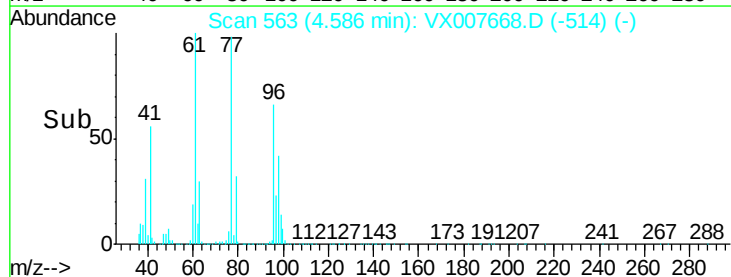
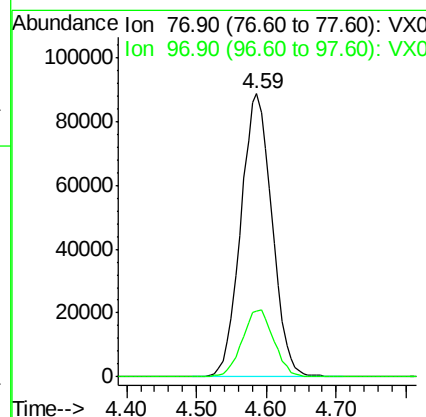
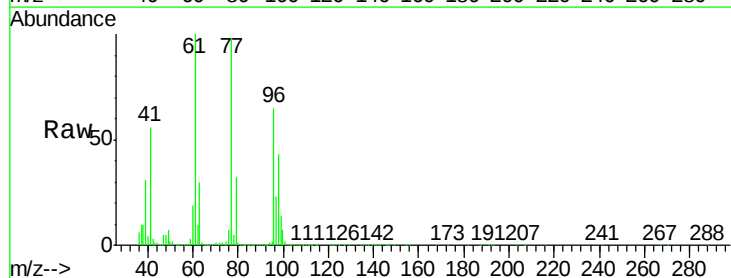
Acq: 25 Feb 2019 12:28

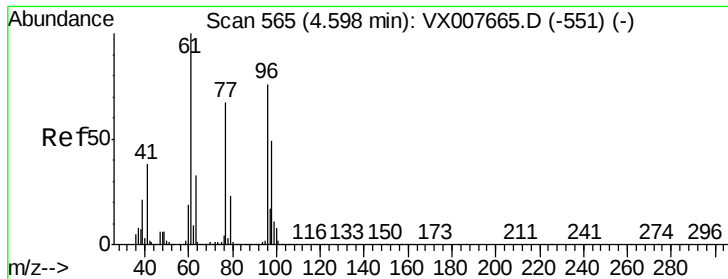
Tgt Ion: 77 Resp: 274477

Ion Ratio Lower Upper

77 100

97 24.0 12.1 36.3





#27

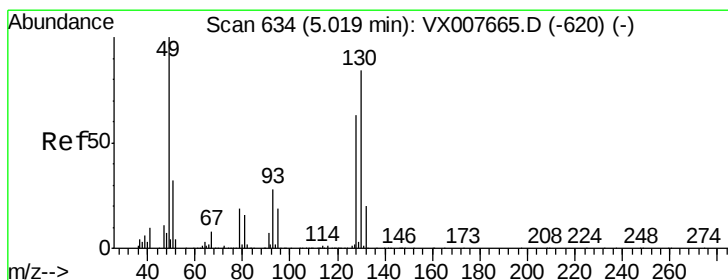
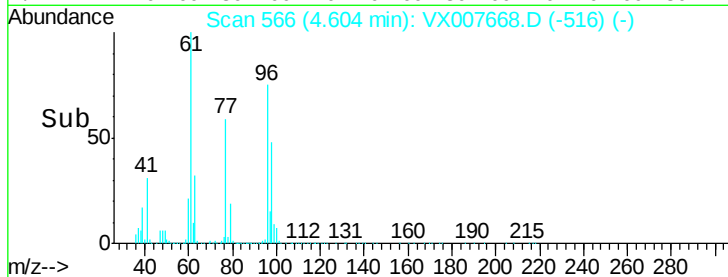
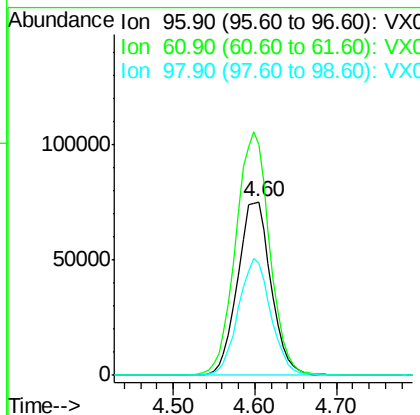
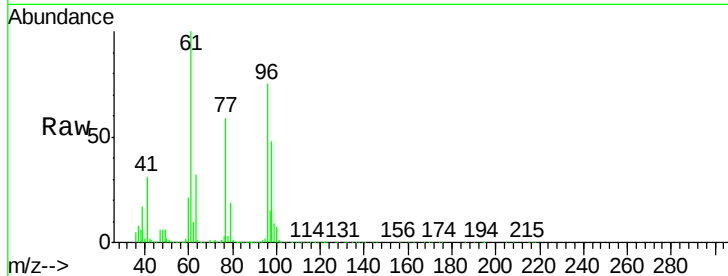
cis-1,2-Dichloroethene
 Concen: 48.726 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Tot Ion	Ratio	Resp	Lower	Upper
96	100	214535		
61	141.5	0.0	265.6	
98	65.6	0.0	131.6	

Manual Integrations
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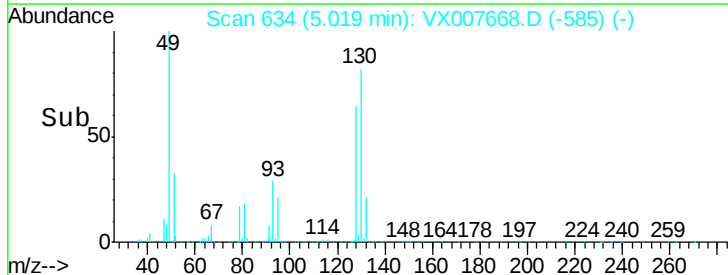
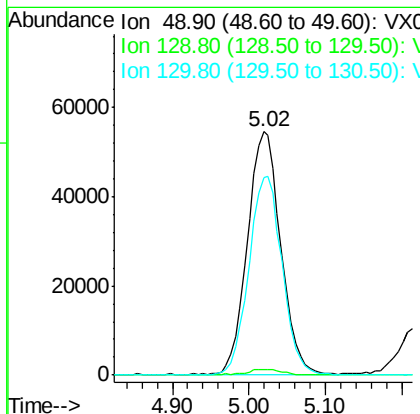
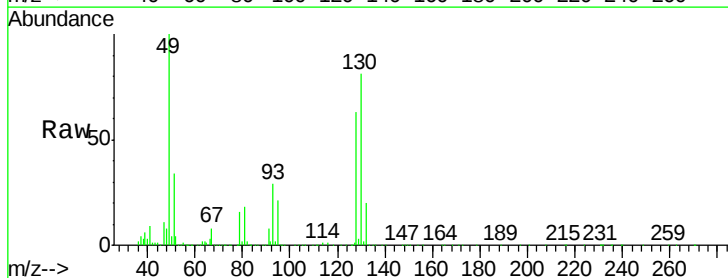
MMDadoda
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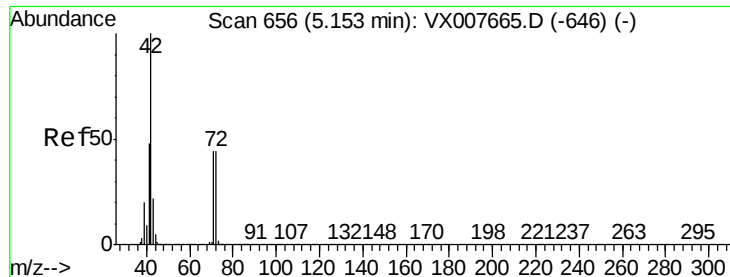


#28

Bromochloromethane
 Concen: 50.860 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	164862		
129	2.6	0.0	5.6	
130	82.0	75.6	113.4	





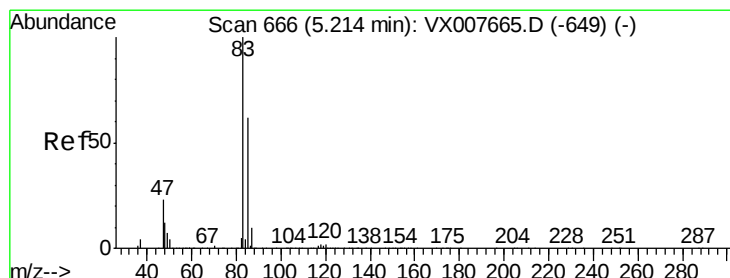
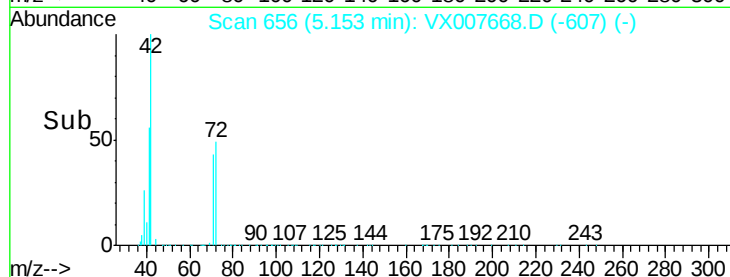
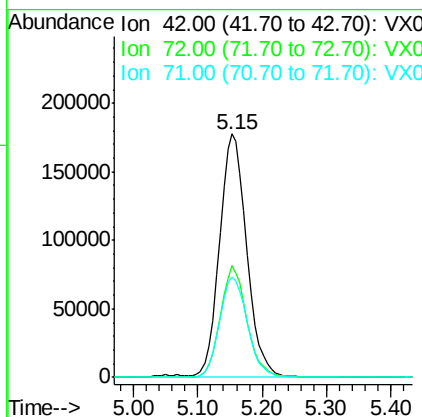
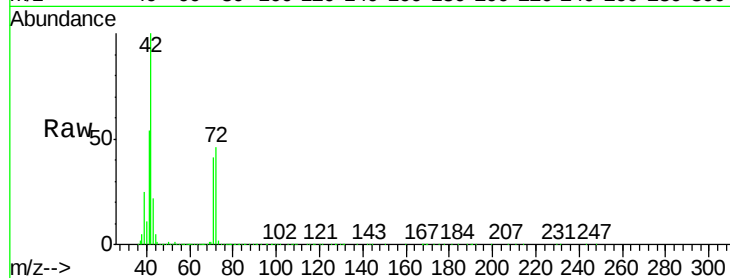
#29
Tetrahydrofuran
Concen: 261.499 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Resp	Lower	Upper
42	100	526288		
72	45.0		37.6	56.4
71	42.1		34.6	51.8

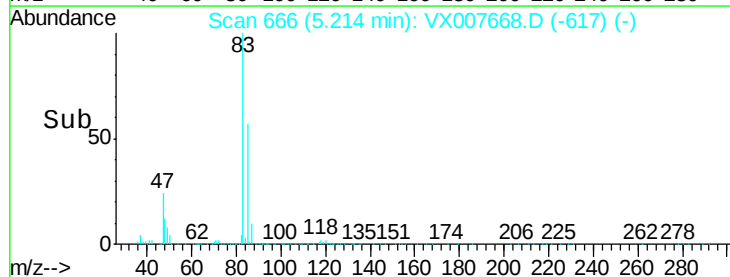
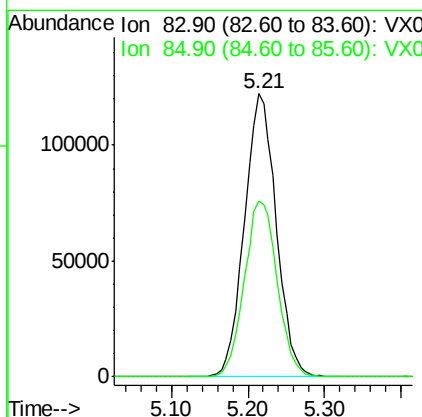
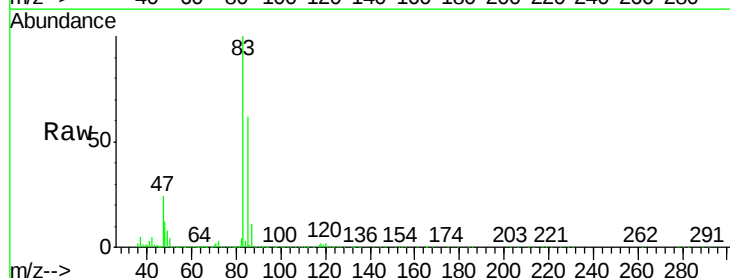
Manual Integrations
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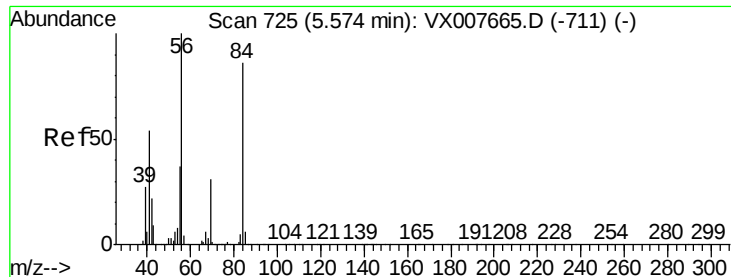
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#30
Chloroform
Concen: 49.597 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	353736		
85	62.0		51.6	77.4





#31

Cyclohexane

Concen: 51.227 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

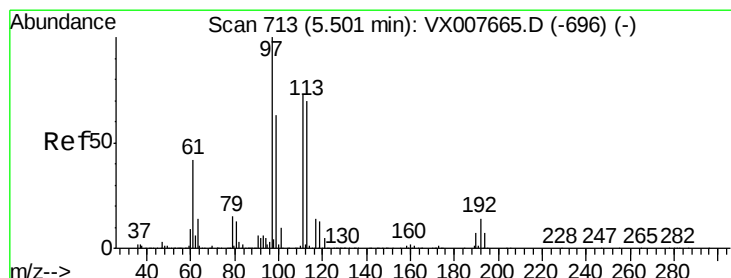
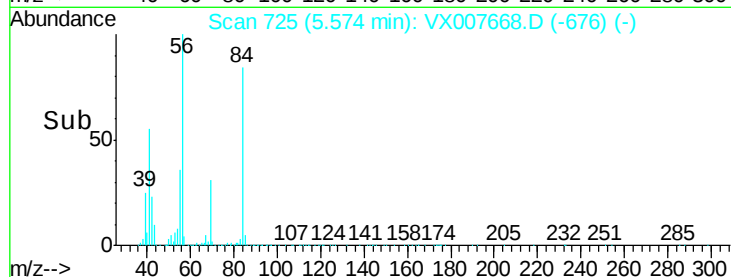
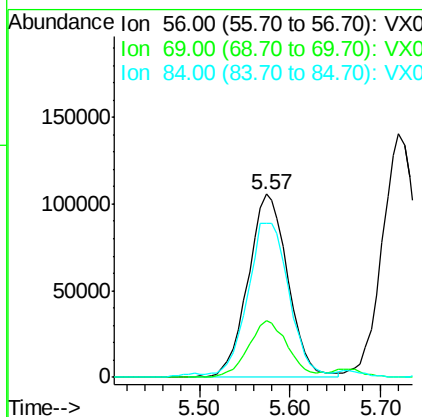
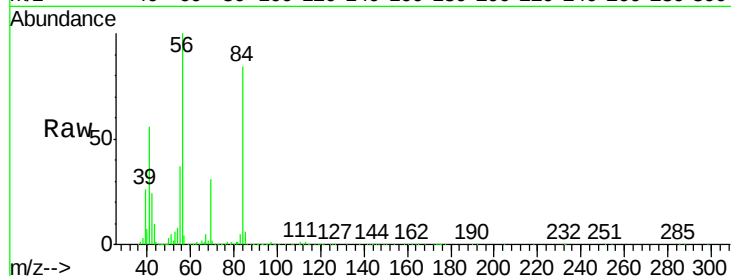
ClientSampleId :

ICVVX022519

Tot Ion:	56	Resp:	320839
Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.0	34.6
84	82.3	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.519 ug/l

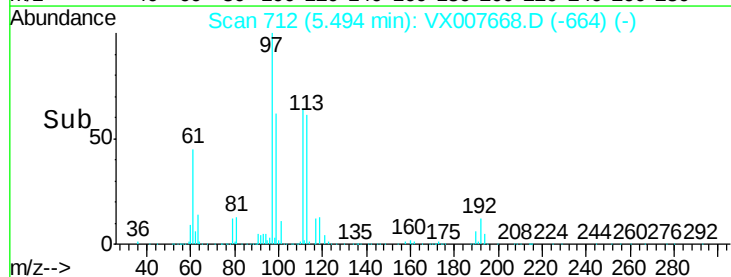
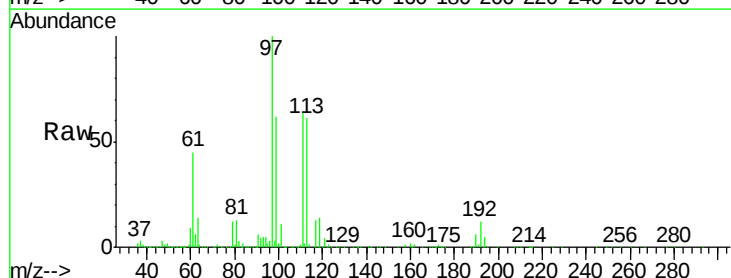
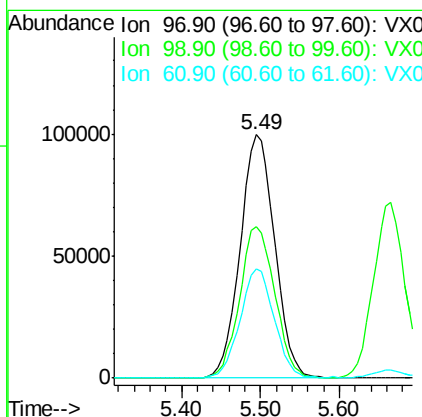
RT: 5.49 min Scan# 712

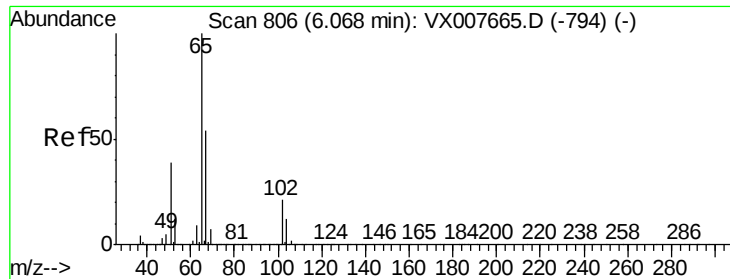
Delta R.T. -0.01 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	97	Resp:	303886
Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.2	78.2
61	44.6	32.7	49.1





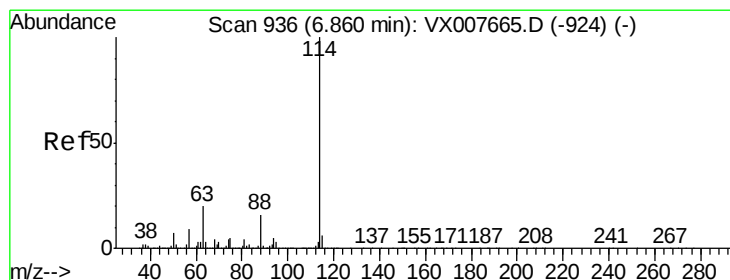
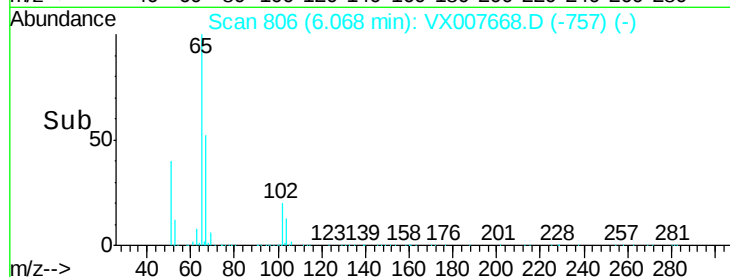
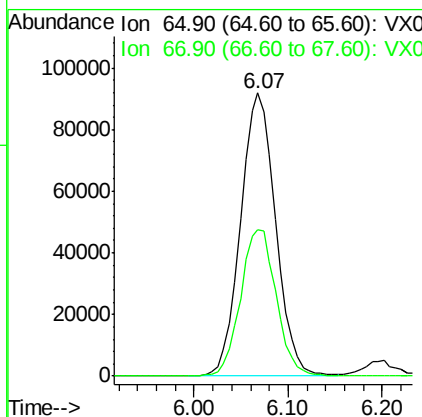
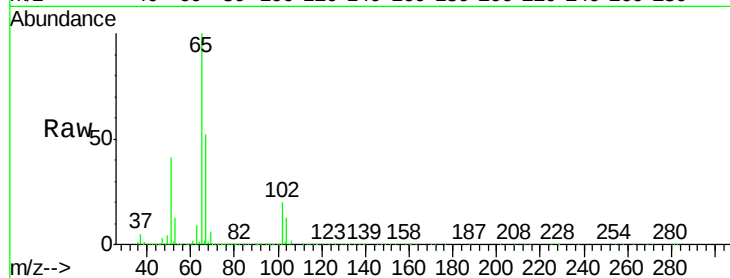
#33
 1,2-Dichloroethane-d4
 Concen: 52.446 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Tot Ion	Ratio	Resp	Lower	Upper
65	100	236387		
67	52.4	0.0	108.8	

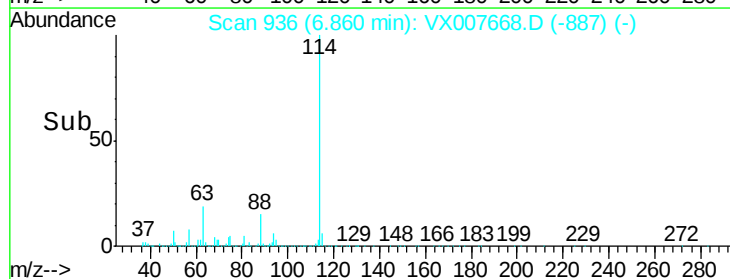
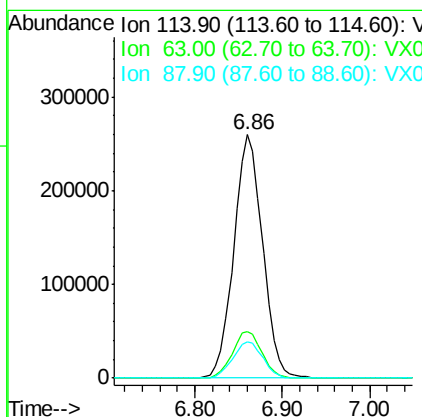
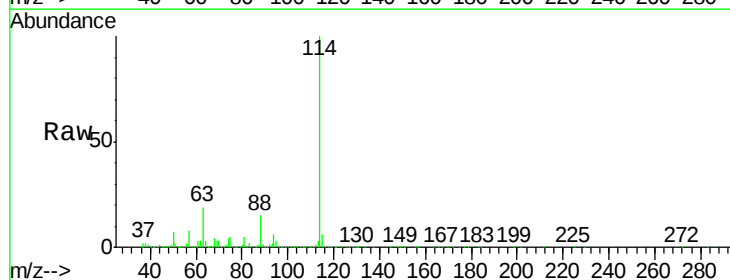
Manual Integrations
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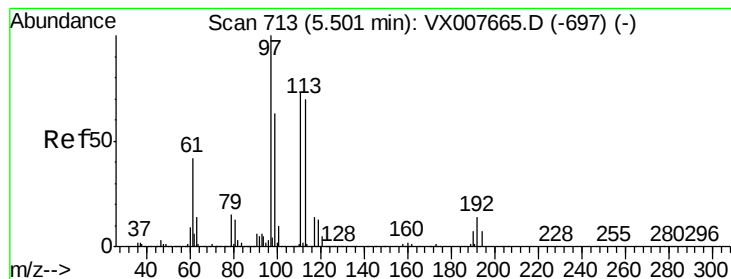
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	593961		
63	19.0	0.0	35.6	
88	14.9	0.0	29.6	





#35

Dibromofluoromethane

Concen: 48.809 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

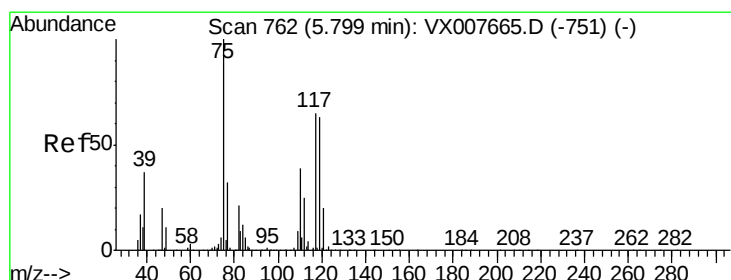
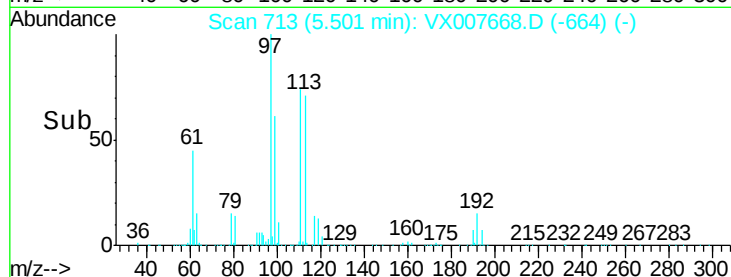
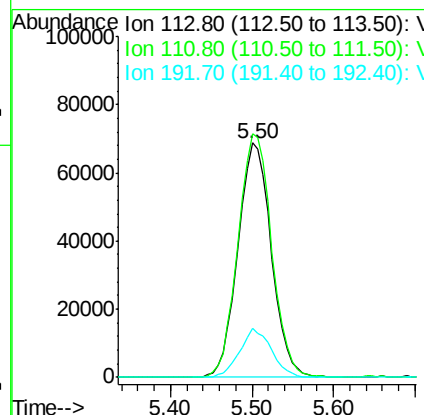
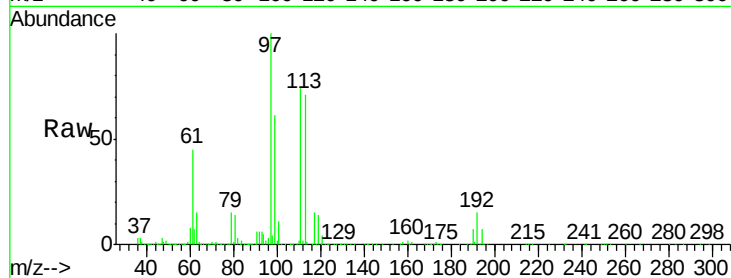
ClientSampleId :

ICVVX022519

Tot Ion:	113	Resp:	193794
Ion Ratio	Lower	Upper	
113	100		
111	105.6	81.8	122.8
192	20.1	18.5	27.7

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2/26/2019 2:57:50 PM



#36

1,1-Dichloropropene

Concen: 50.007 ug/l

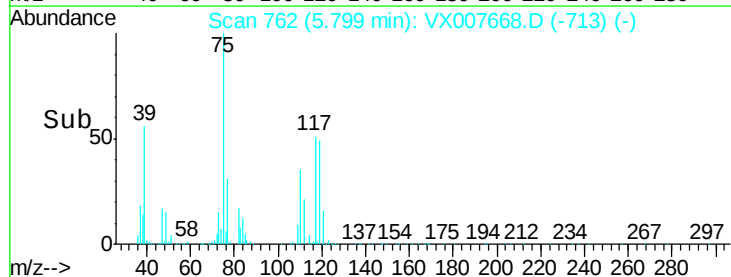
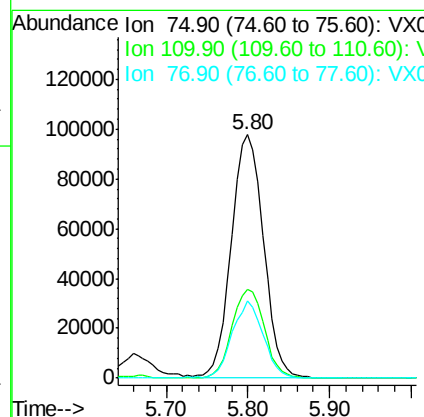
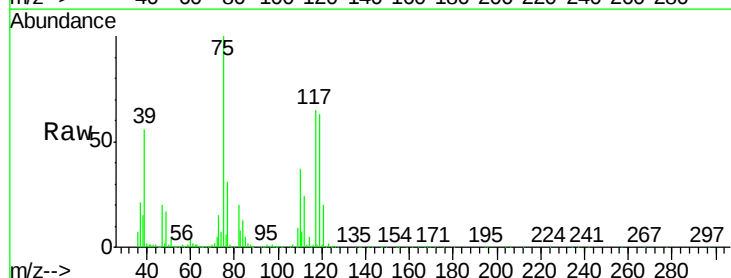
RT: 5.80 min Scan# 762

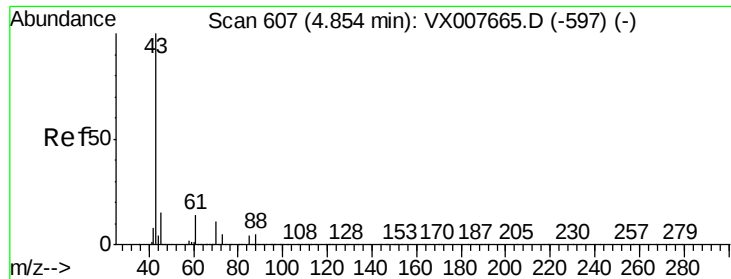
Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	75	Resp:	267035
Ion Ratio	Lower	Upper	
75	100		
110	36.7	20.0	59.9
77	30.5	24.7	37.1





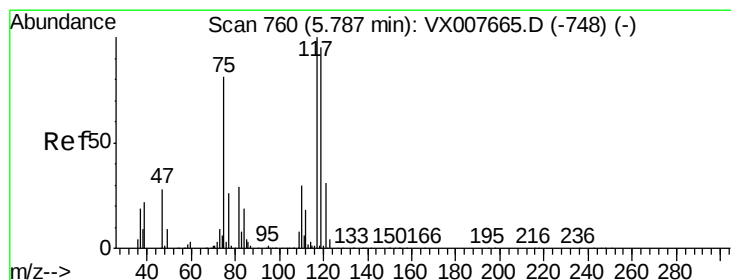
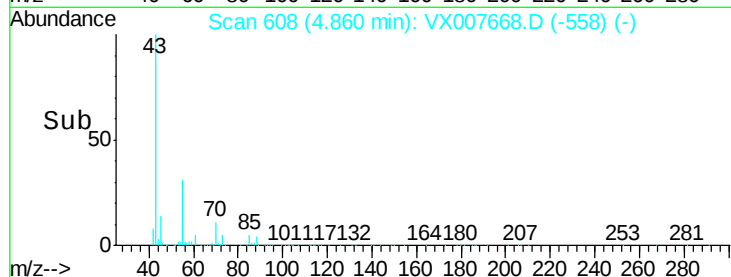
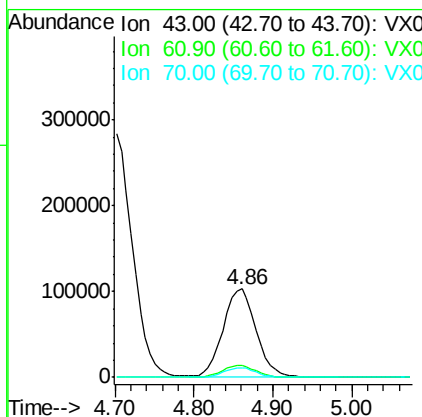
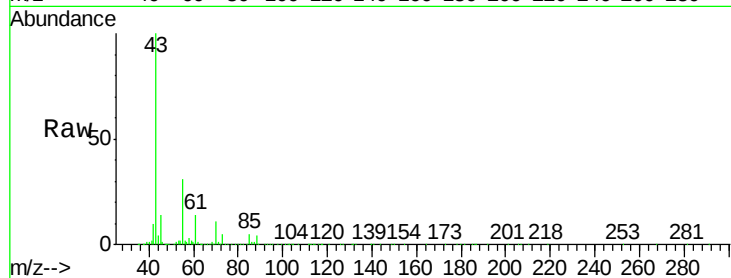
#37
Ethyl Acetate
Concen: 50.475 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	43	Resp	299406
Ion Ratio	Lower	Upper	
43	100		
61	13.8	11.3	16.9
70	10.8	8.6	13.0

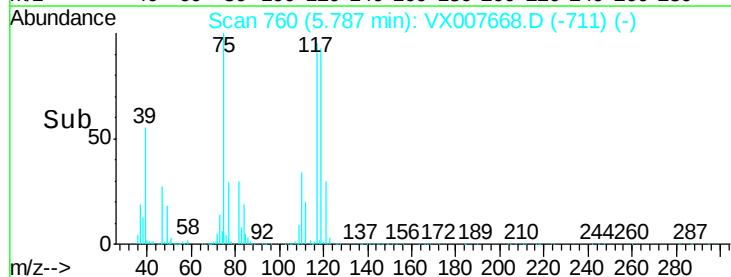
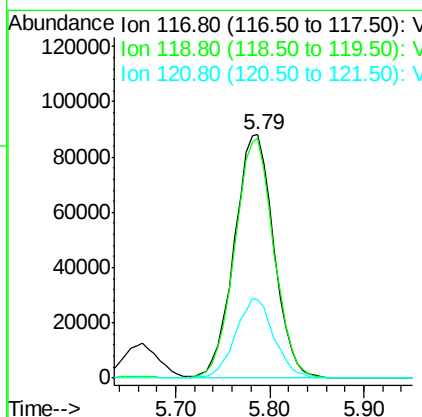
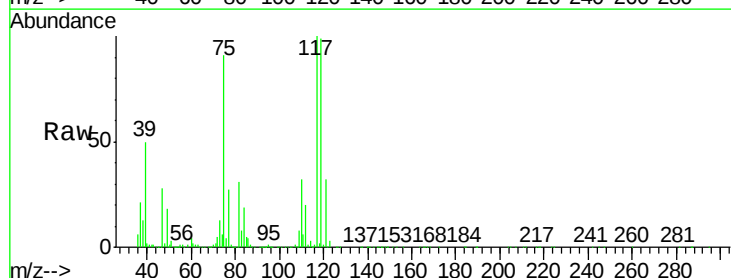
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2/26/2019 2:57:50 PM



#38
Carbon Tetrachloride
Concen: 47.866 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	117	Resp	256756
Ion Ratio	Lower	Upper	
117	100		
119	98.6	75.3	112.9
121	32.0	25.0	37.4





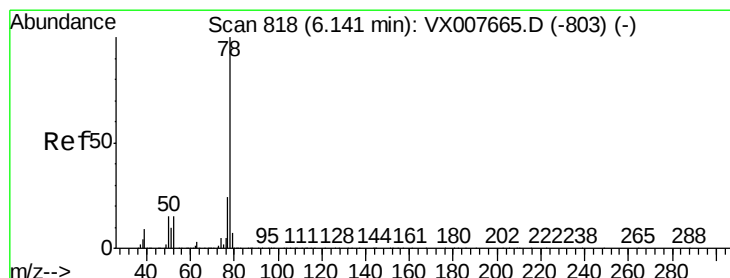
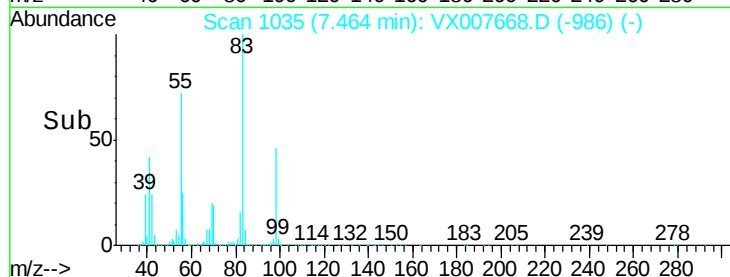
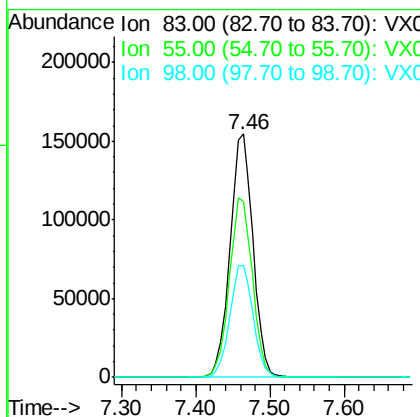
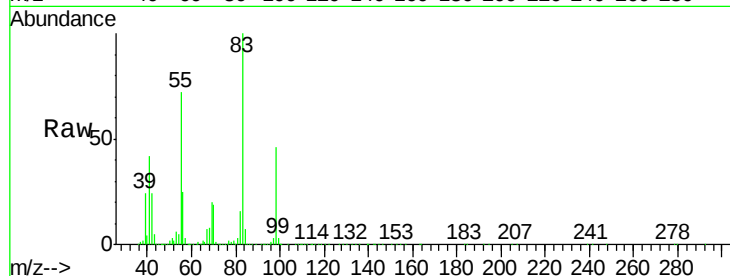
#39
Methvlcvclohexane
Concen: 49.655 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	56.2	84.2
98	45.8	36.8	55.2

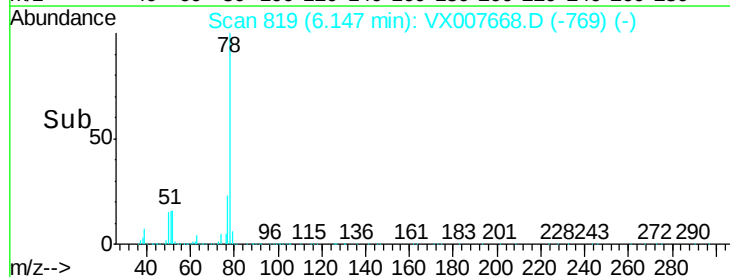
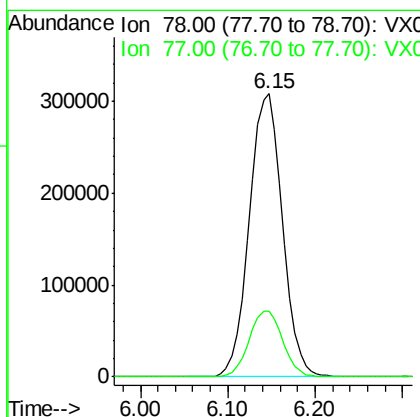
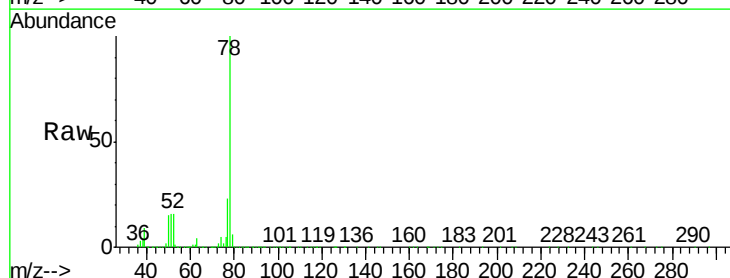
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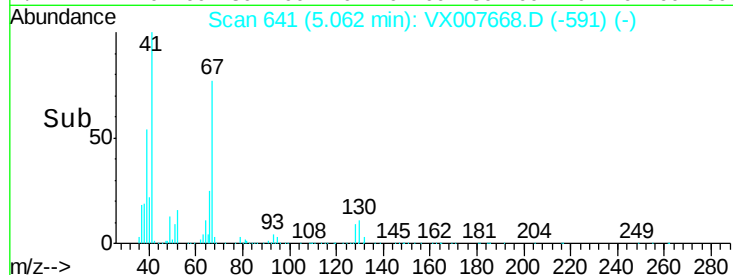
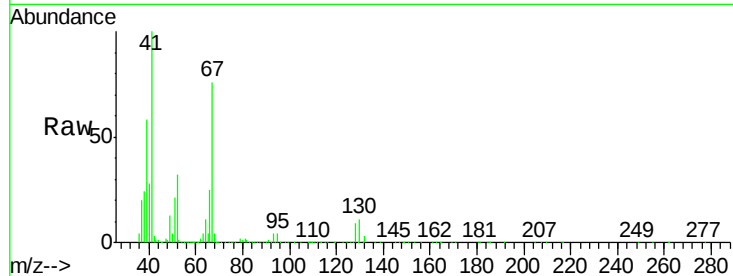
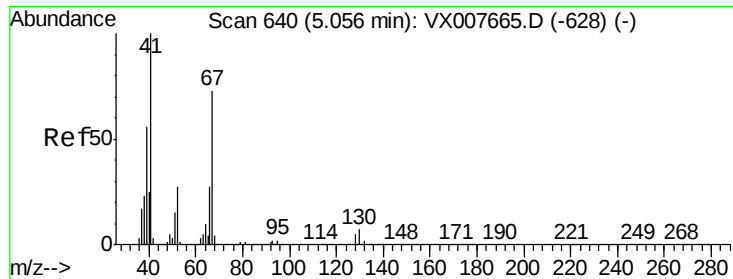
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#40
Benzene
Concen: 49.256 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





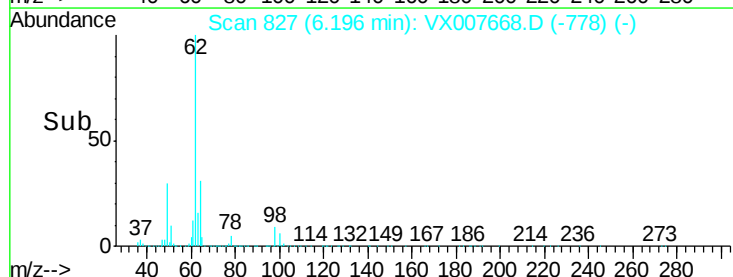
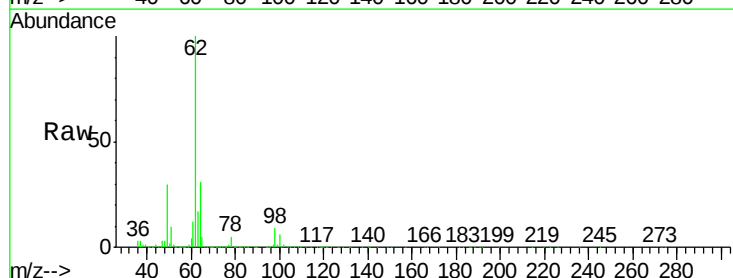
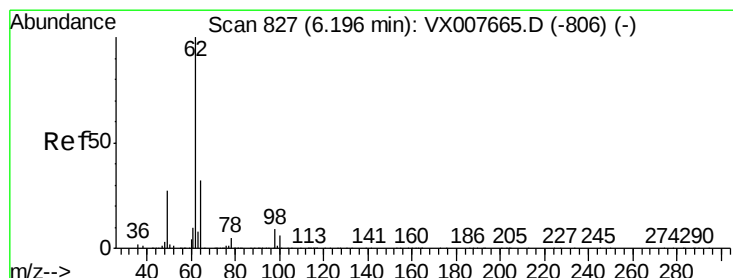
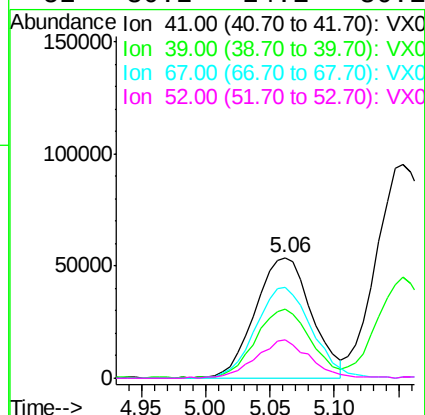
#41
Methacrylonitrile
Concen: 51.138 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		161977		
39	55.3	44.5	66.7		
67	75.3	60.4	90.6		
52	30.2	24.1	36.1		

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

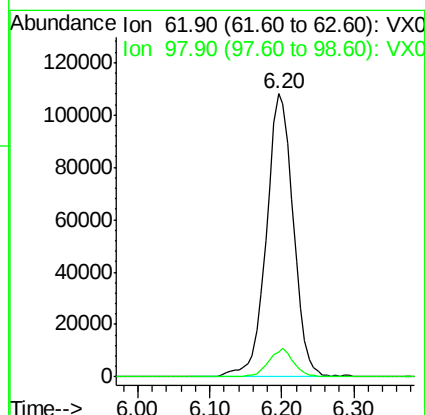
Manual Integrations
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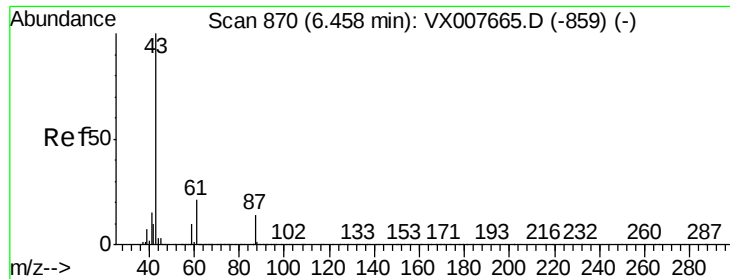
MMDadoda
2/26/2019 2:57:50 PM



#42
1,2-Dichloroethane
Concen: 50.406 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		279272		
98	9.4	0.0	19.0		





#43

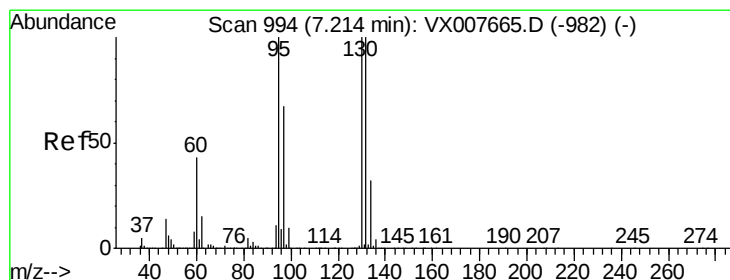
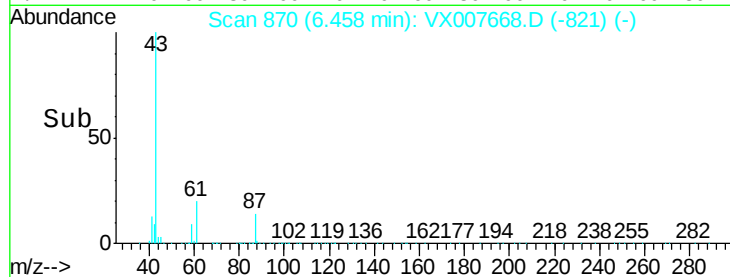
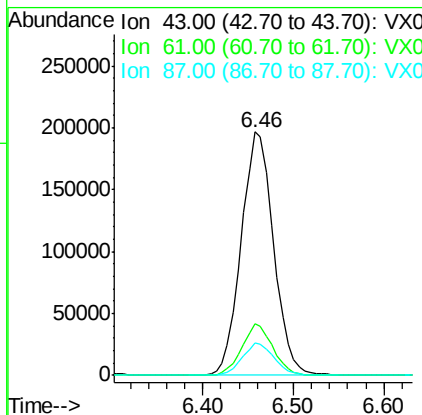
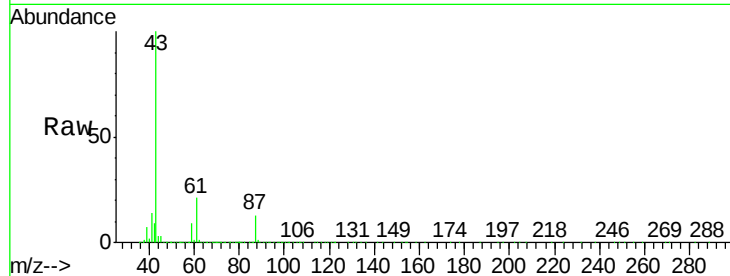
Isopropyl Acetate
 Concen: 53.002 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	13.2	11.5	17.3

Manual Integrations
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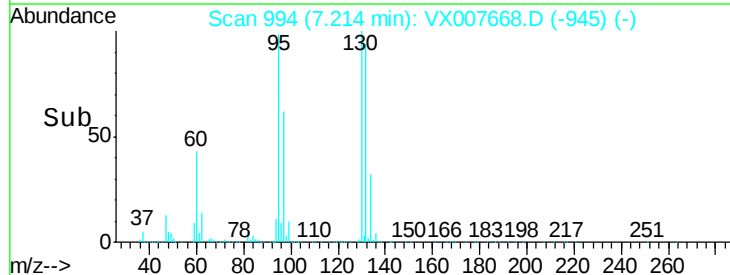
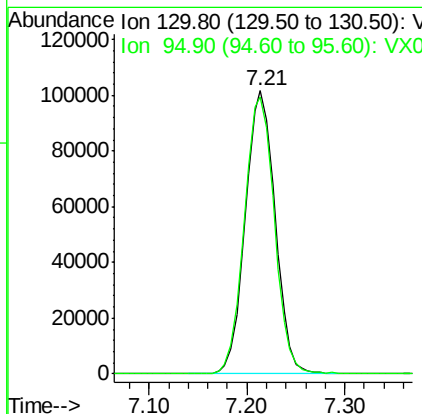
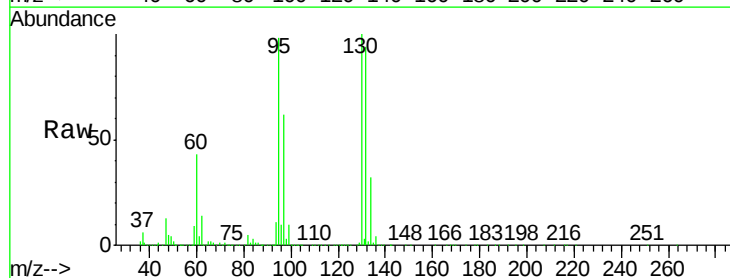
MMDadoda
 2/26/2019 2:57:50 PM

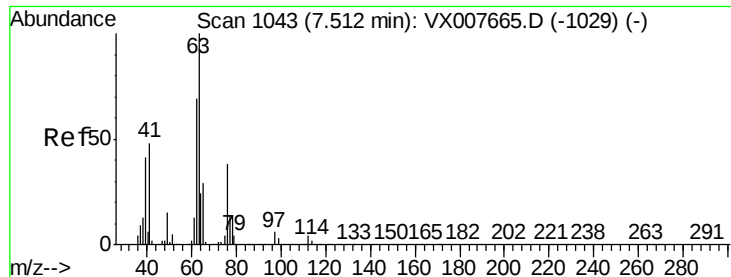


#44

Trichloroethene
 Concen: 47.468 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 49.120 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 63 Resp: 209745

Ion Ratio Lower Upper

63 100

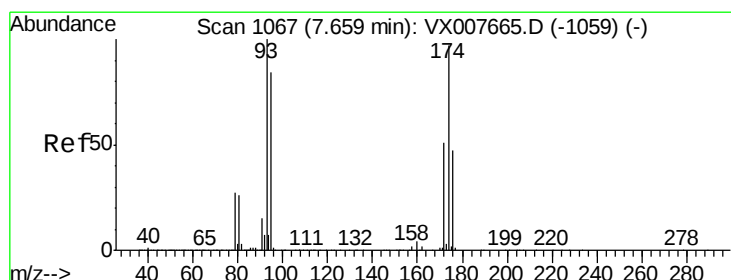
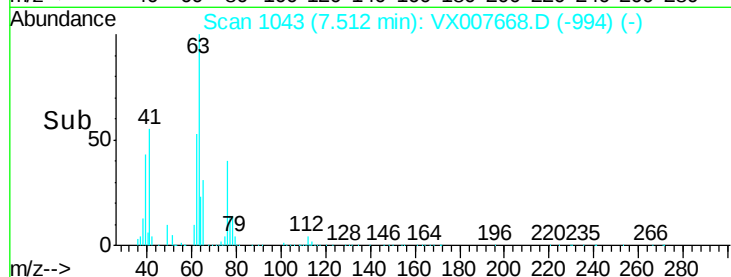
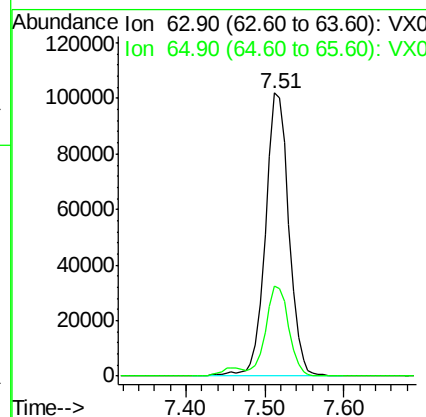
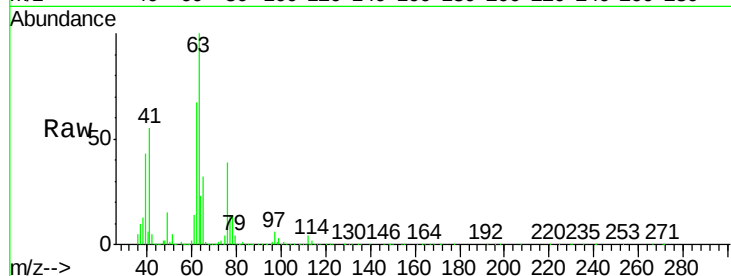
65 32.0 24.2 36.2

Manual Integrations

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2/26/2019 2:57:50 PM



#46

Dibromomethane

Concen: 47.072 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

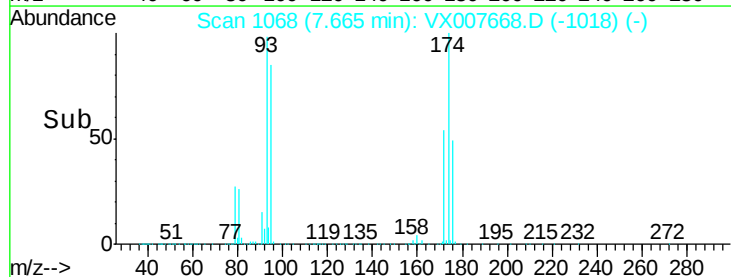
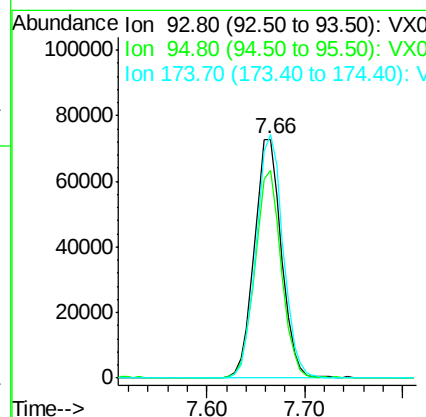
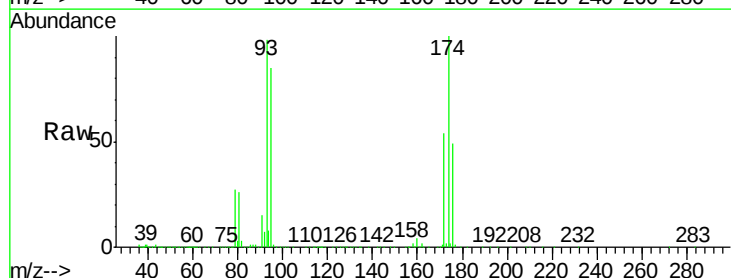
Tgt Ion: 93 Resp: 140224

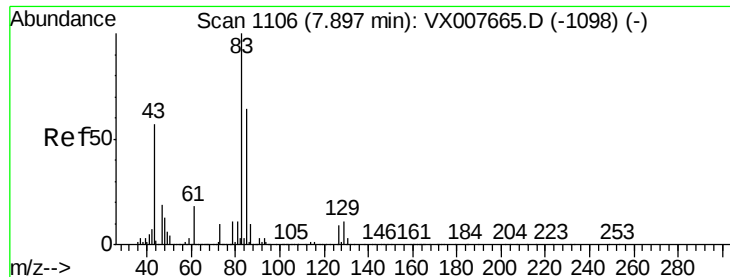
Ion Ratio Lower Upper

93 100

95 84.5 67.6 101.4

174 101.5 94.2 141.4





#47

Bromodichloromethane

Concen: 50.608 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

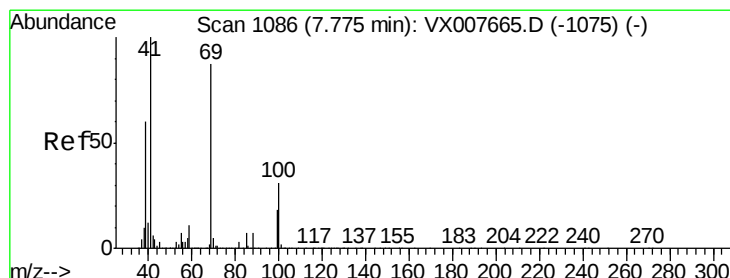
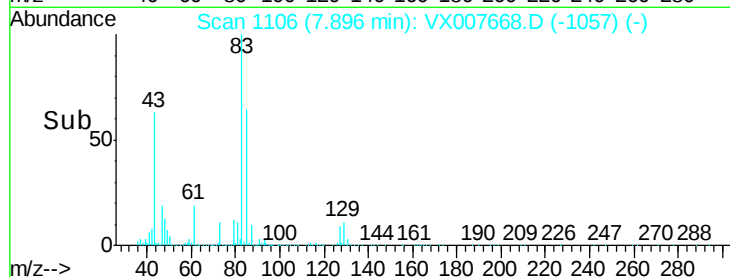
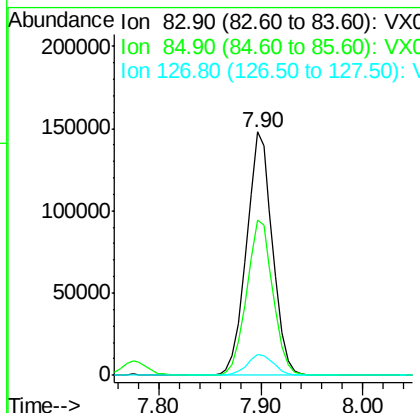
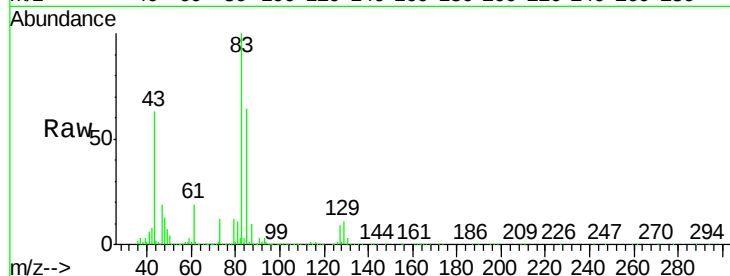
ClientSampleId :

ICVVX022519

Tot Ion:	83	Resp:	261255
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.4	77.0
127	8.6	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.019 ug/l

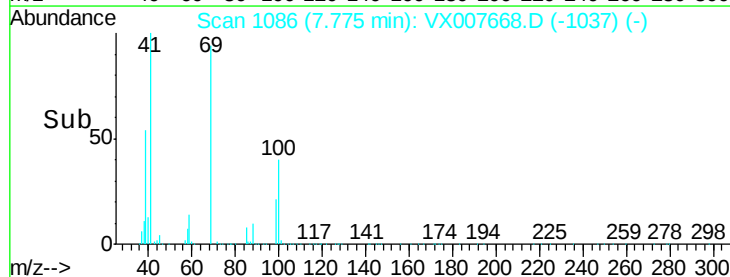
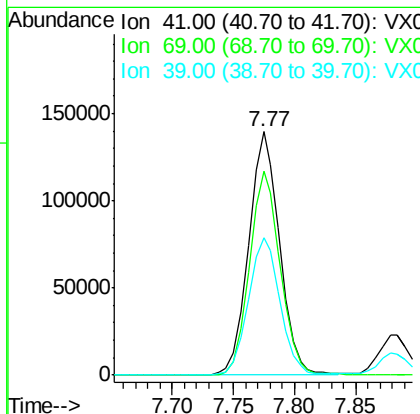
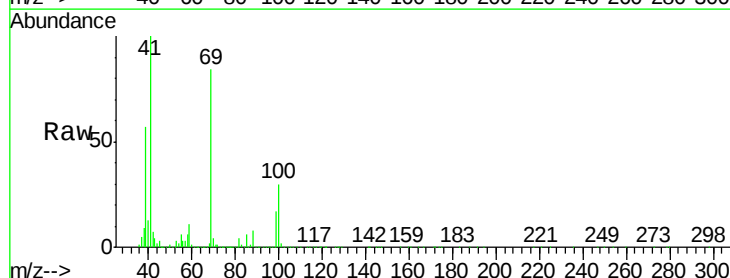
RT: 7.77 min Scan# 1086

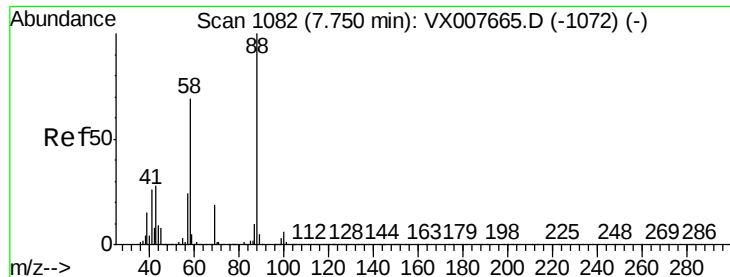
Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	41	Resp:	244151
Ion Ratio	Lower	Upper	
41	100		
69	83.5	70.2	105.4
39	58.0	47.4	71.0





#49

1,4-Dioxane

Concen: 988.452 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

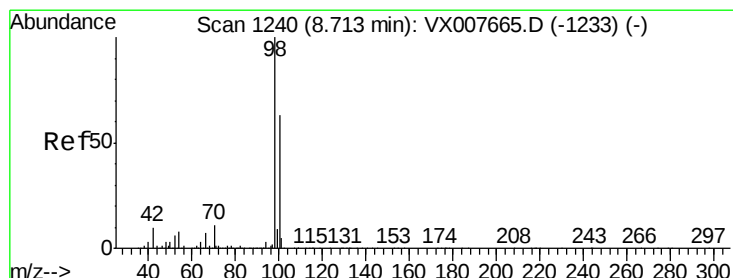
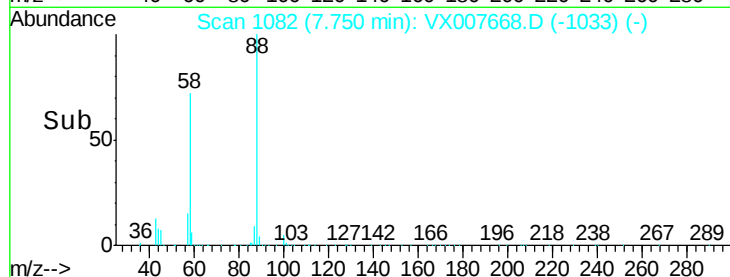
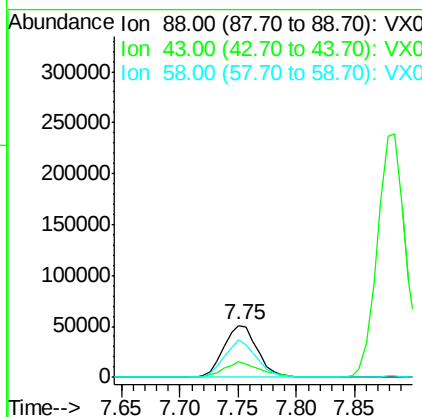
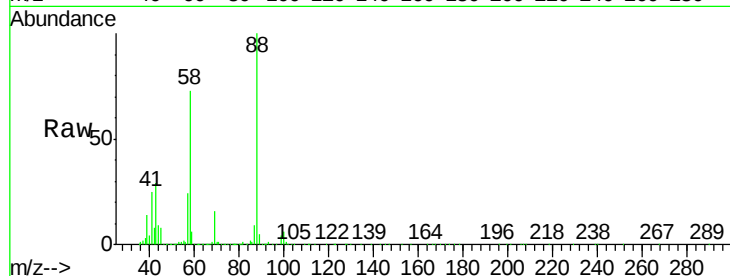
ClientSampleId :

ICVVX022519

Tot Ion:	88	Resp:	102164
Ion	Ratio	Lower	Upper
88	100		
43	30.7	24.2	36.4
58	68.5	53.0	79.4

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#50

Toluene-d8

Concen: 49.664 ug/l

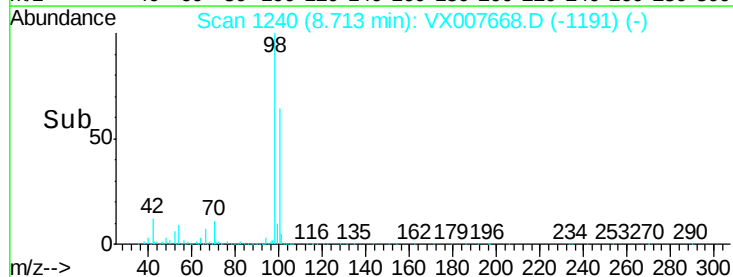
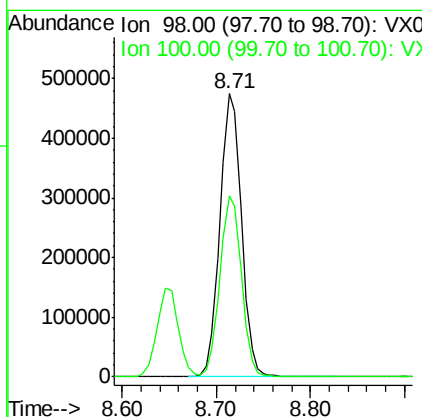
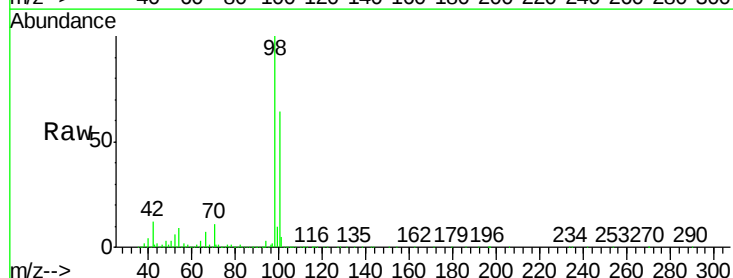
RT: 8.71 min Scan# 1240

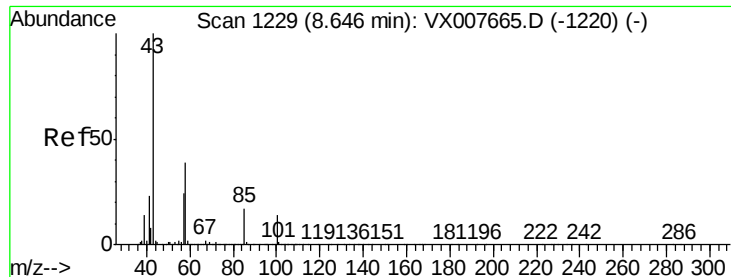
Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	98	Resp:	754914
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 258.195 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 43 Resp: 1577822

Ion Ratio Lower Upper

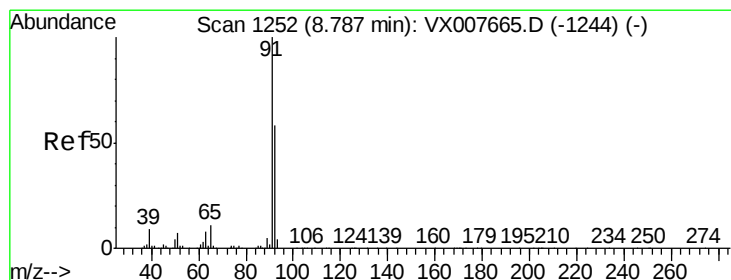
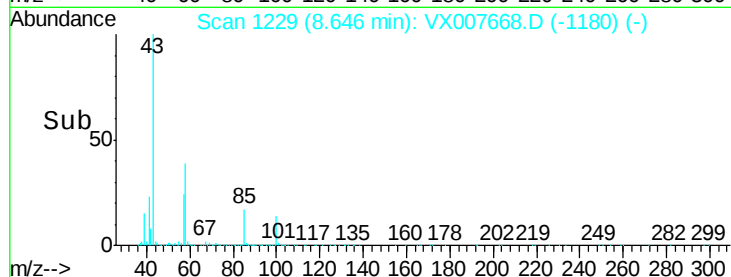
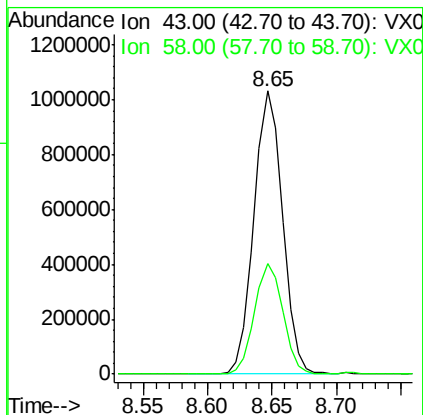
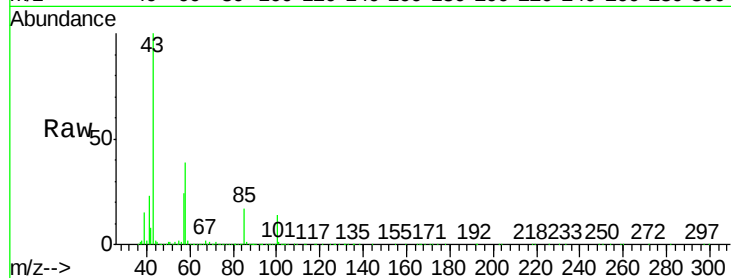
43 100

58 38.7 31.2 46.8

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2/26/2019 2:57:50 PM



#52

Toluene

Concen: 48.777 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007668.D

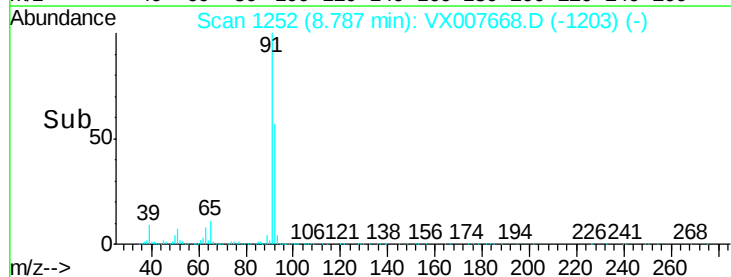
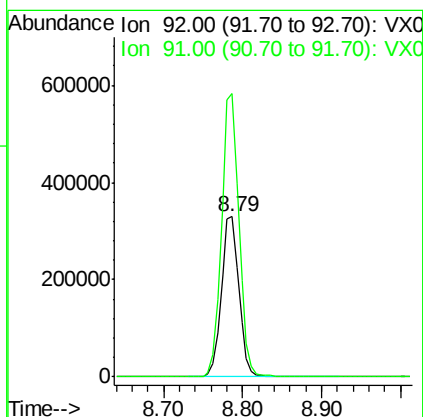
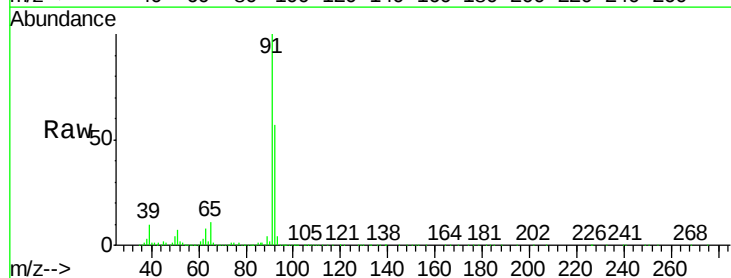
Acq: 25 Feb 2019 12:28

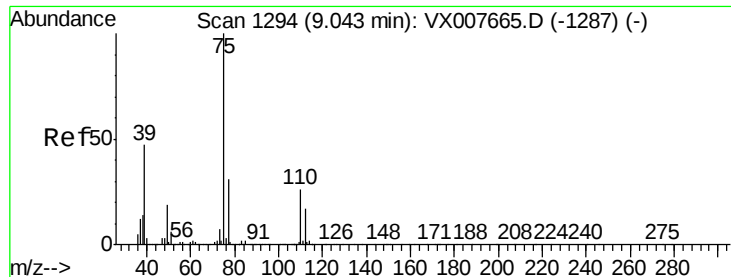
Tgt Ion: 92 Resp: 507020

Ion Ratio Lower Upper

92 100

91 176.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 48.132 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 75 Resp: 308193

Ion Ratio Lower Upper

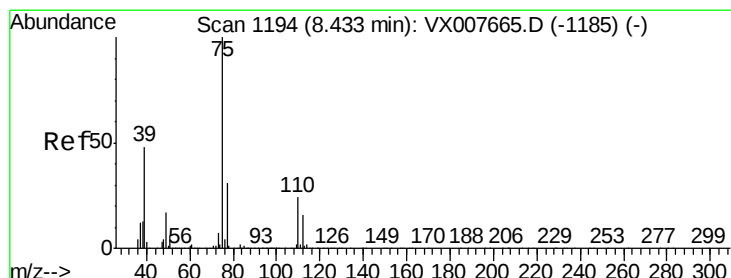
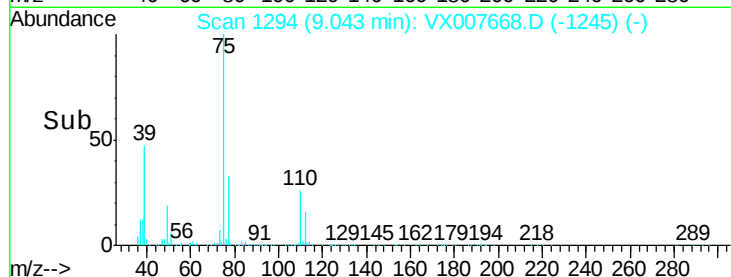
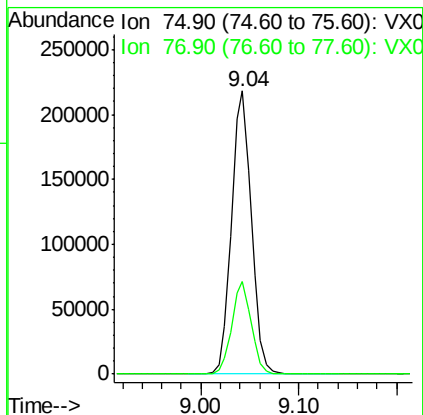
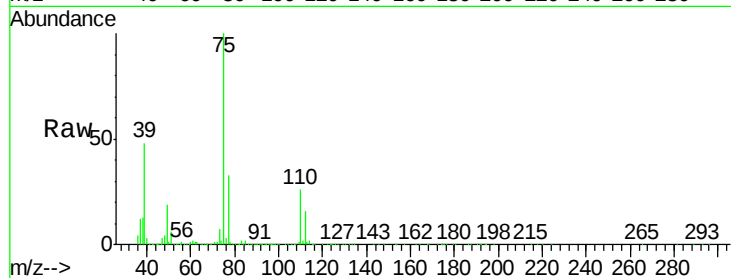
75 100

77 32.6 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 52.495 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

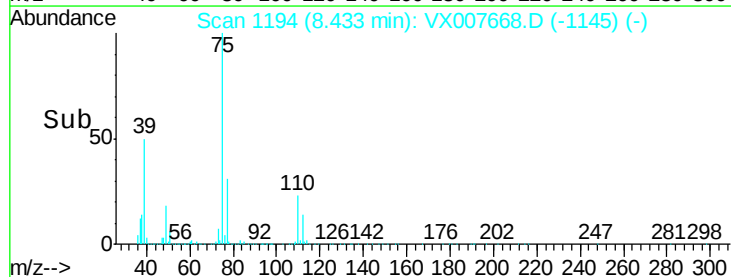
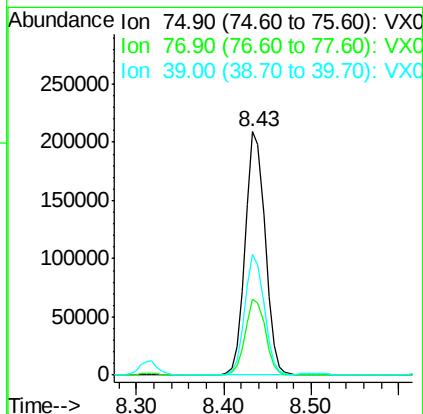
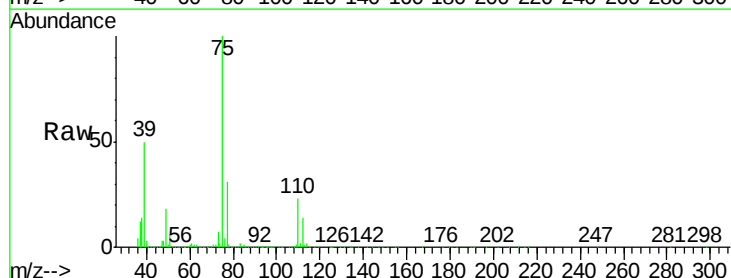
Tgt Ion: 75 Resp: 328868

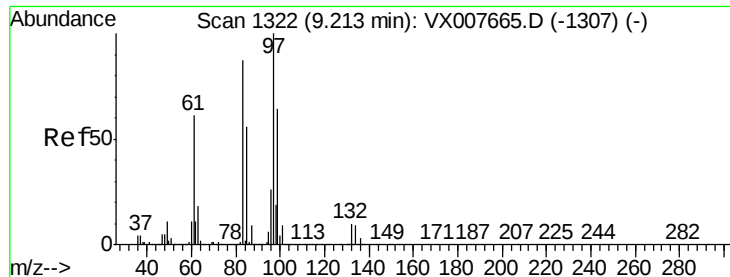
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.4

39 49.5 37.1 55.7





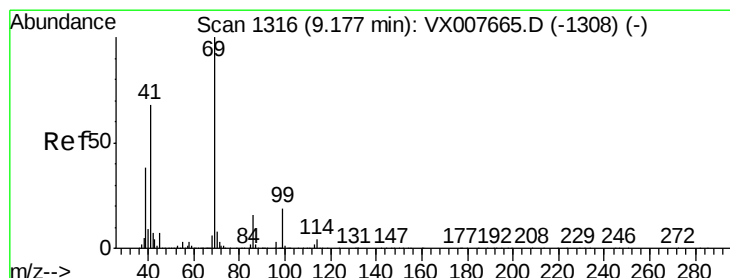
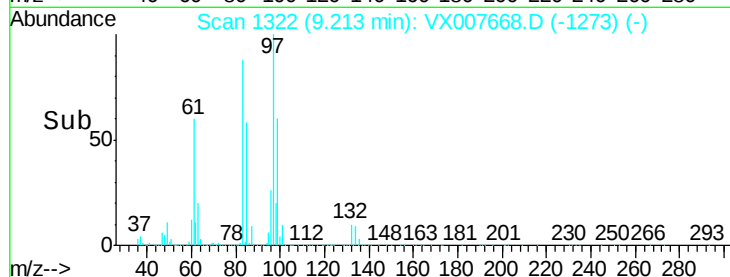
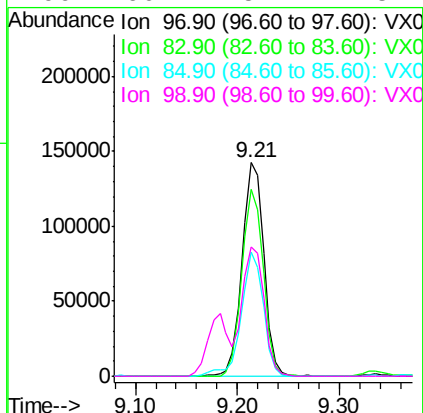
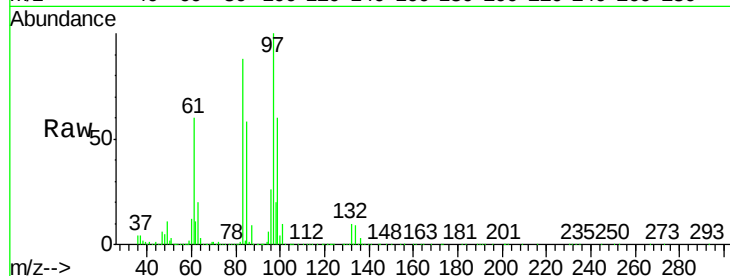
#55
 1,1,2-Trichloroethane
 Concen: 48.593 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		210630		
83	87.5	68.6	102.8		
85	57.8	44.5	66.7		
99	60.4	52.2	78.4		

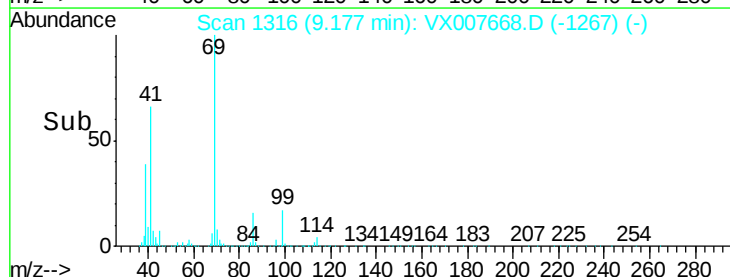
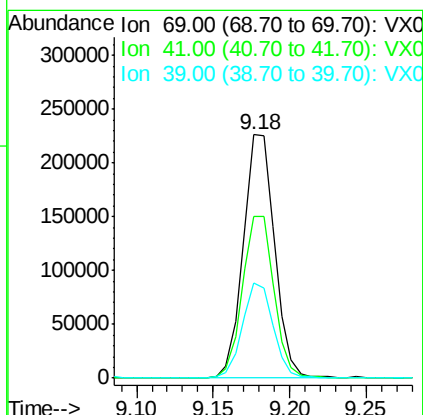
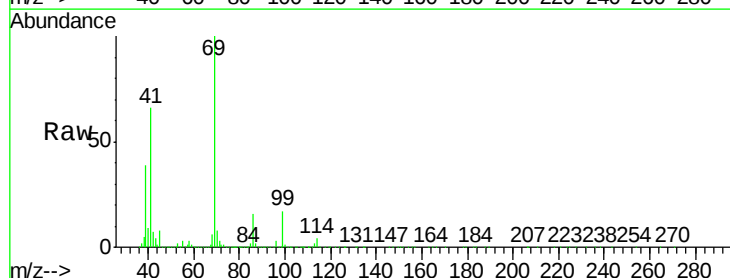
Manual Integrations
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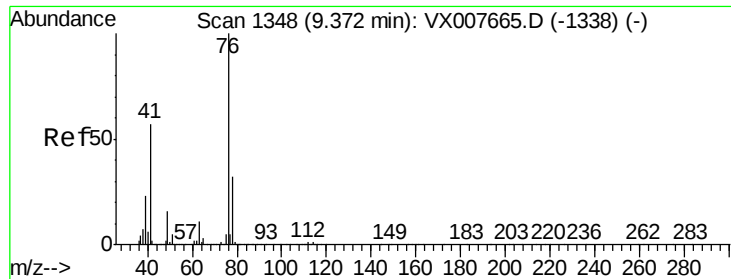
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#56
 Ethyl methacrylate
 Concen: 52.219 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		321886		
41	66.9	52.1	78.1		
39	38.0	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 50.112 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion: 76 Resp: 347710

Ion Ratio Lower Upper

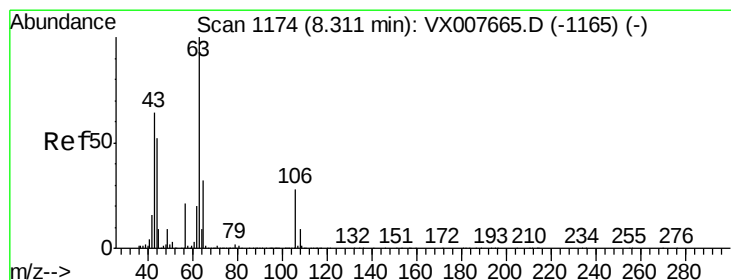
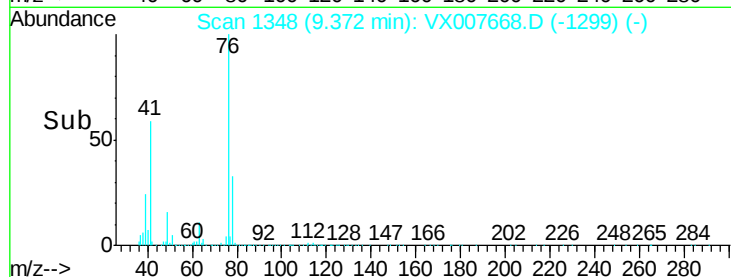
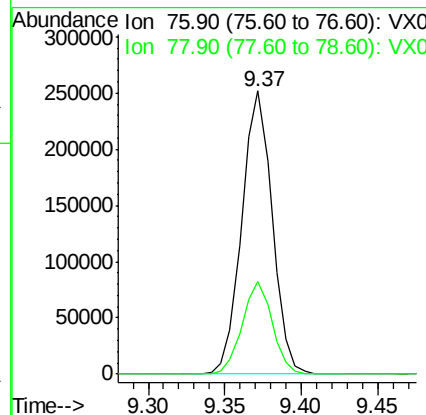
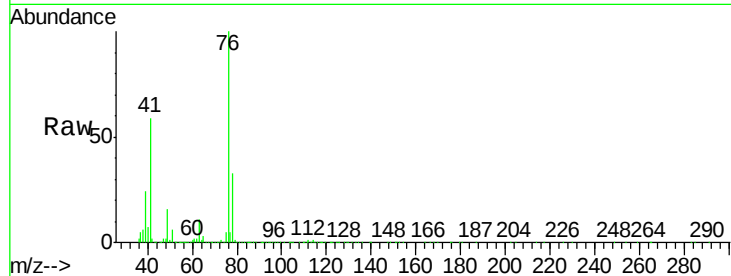
76 100

78 32.1 25.8 38.8

Manual Integrations
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2/26/2019 2:57:50 PM



#58

2-Chloroethyl Vinyl ether

Concen: 262.825 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007668.D

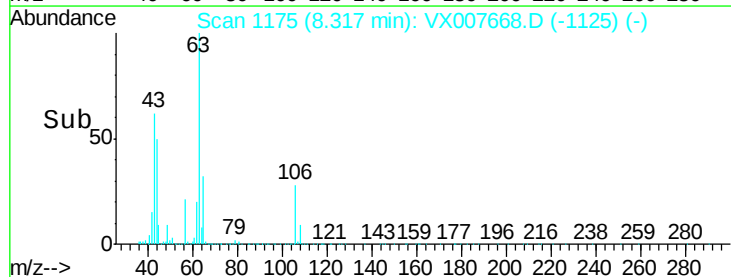
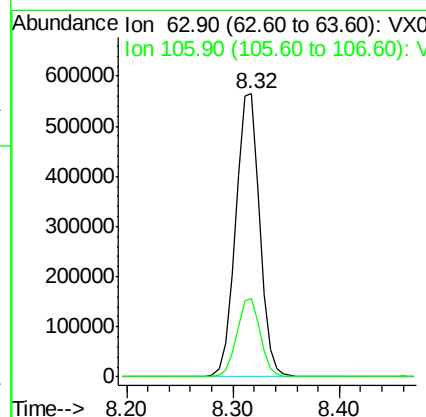
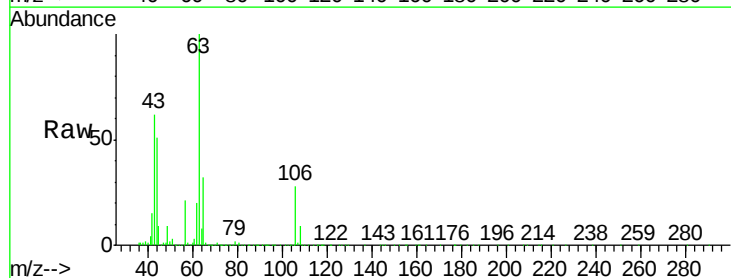
Acq: 25 Feb 2019 12:28

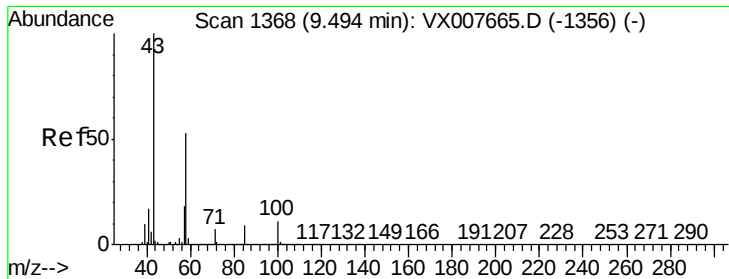
Tgt Ion: 63 Resp: 893392

Ion Ratio Lower Upper

63 100

106 27.3 23.6 35.4





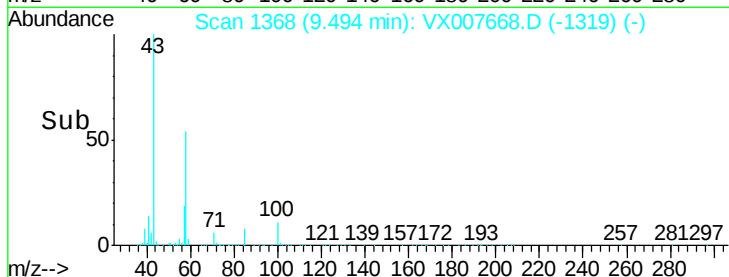
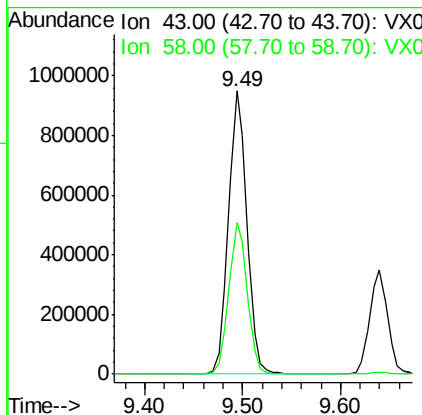
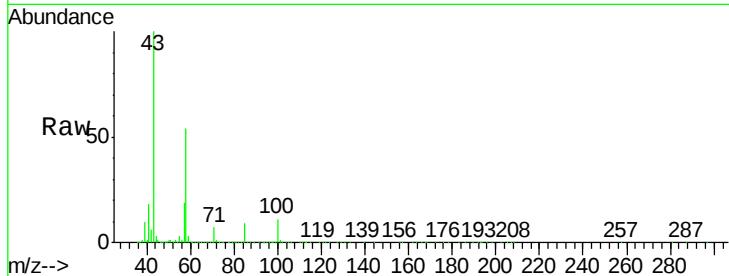
#59
2-Hexanone
Concen: 259.173 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion: 43 Resp: 1243426
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3

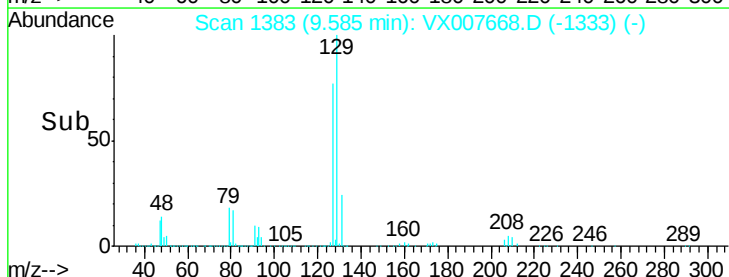
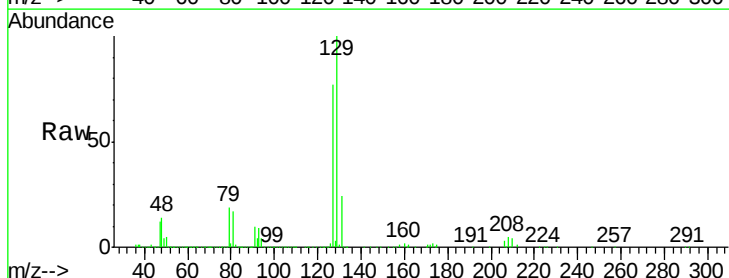
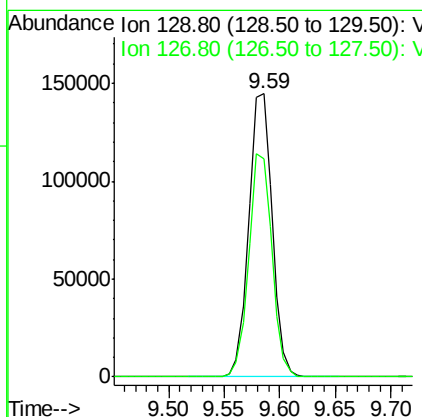
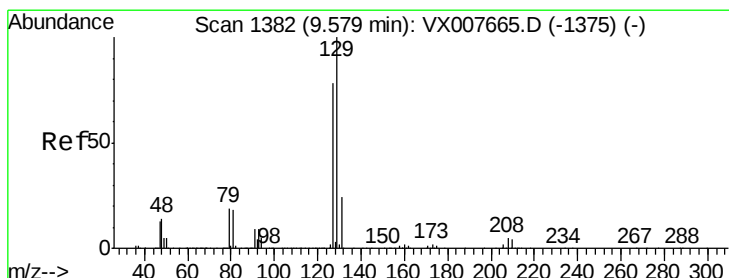
Manual Integrations
APPROVED

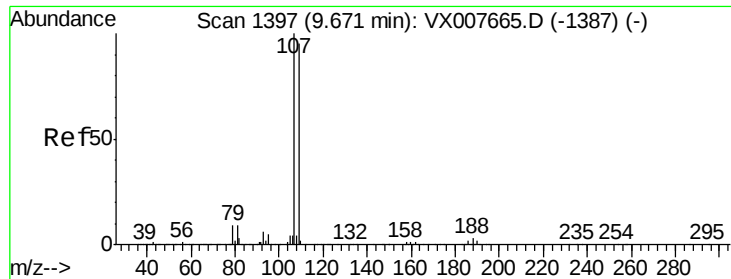
MMDadoda
2/26/2019 2:57:50 PM



#60
Dibromochloromethane
Concen: 50.960 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion: 129 Resp: 212550
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4





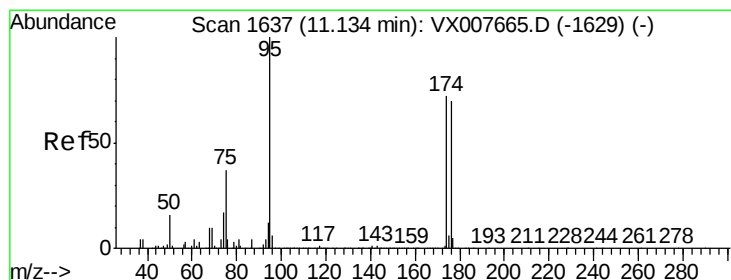
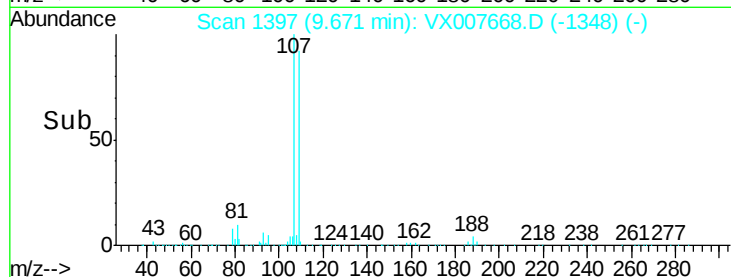
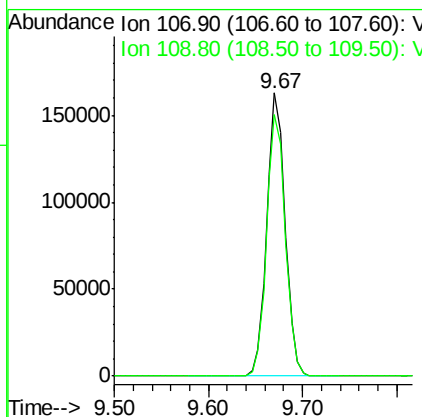
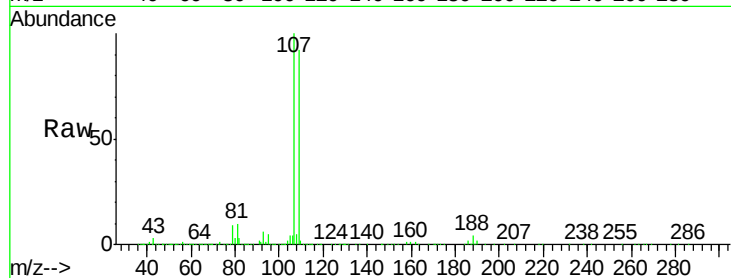
#61
 1,2-Dibromoethane
 Concen: 49.984 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Tot Ion	Ratio	Resp	Lower	Upper
107	100	224950		
109	94.7	75.1	112.7	

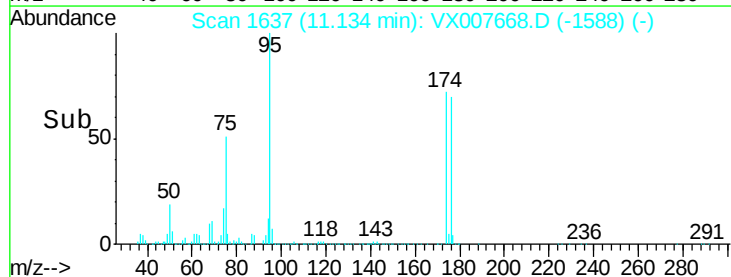
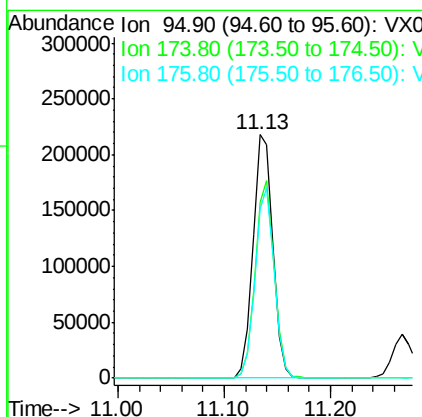
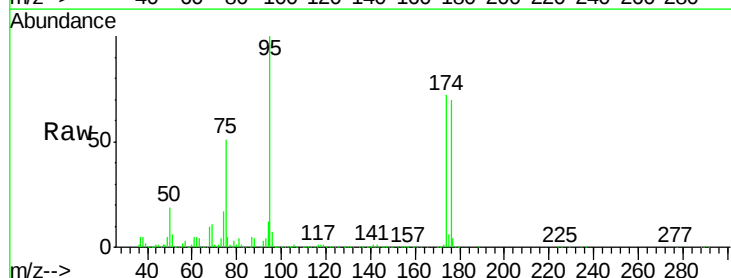
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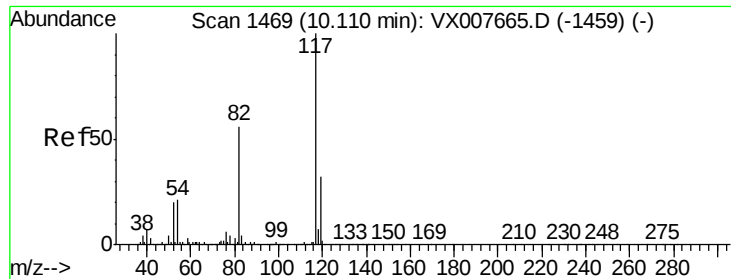
MMDadoda
 2/26/2019 2:57:50 PM



#62
 4-Bromofluorobenzene
 Concen: 50.991 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	284481		
174	78.1	0.0	189.2	
176	75.4	0.0	186.2	





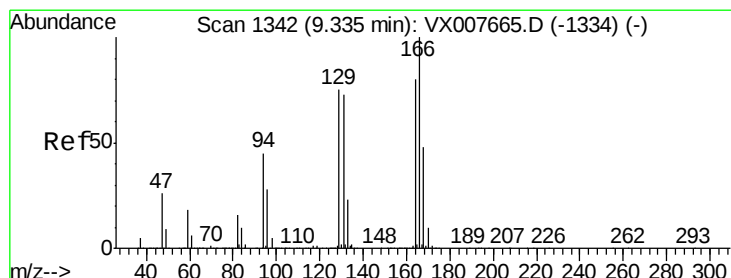
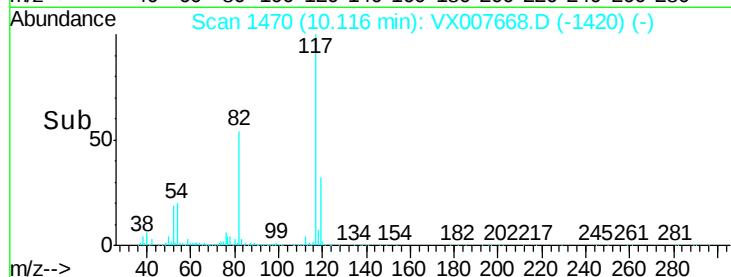
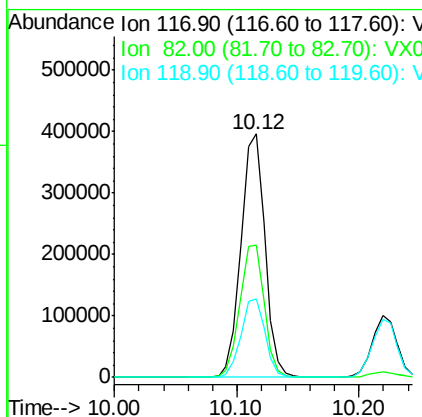
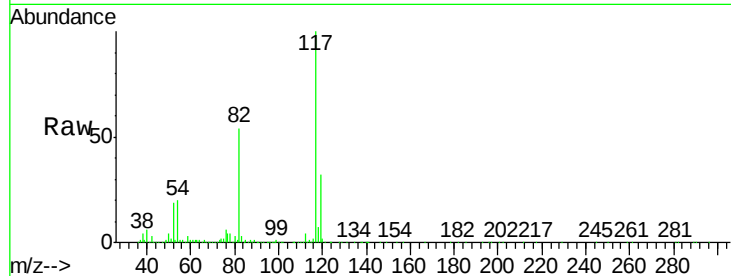
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Resp	Lower	Upper
117	100	536671		
82	54.3	42.1	63.1	
119	32.5	26.5	39.7	

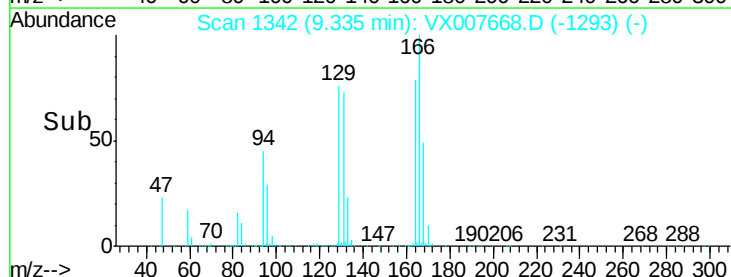
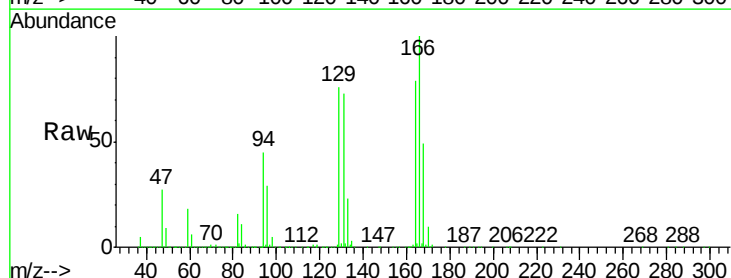
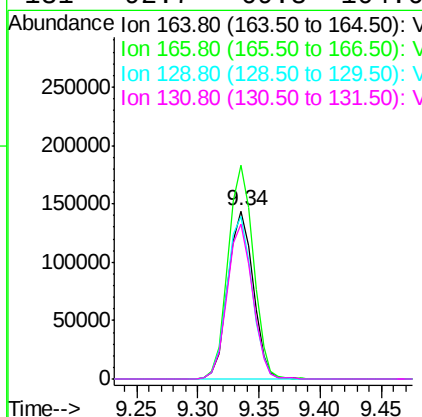
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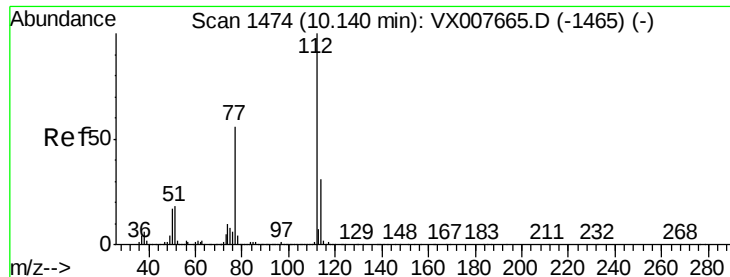
MMDadoda
2/26/2019 2:57:50 PM



#64
Tetrachloroethene
Concen: 47.152 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205429		
166	127.3	101.0	151.4	
129	96.7	70.5	105.7	
131	92.7	69.8	104.6	





#65

Chlorobenzene

Concen: 48.552 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion:112 Resp: 563552

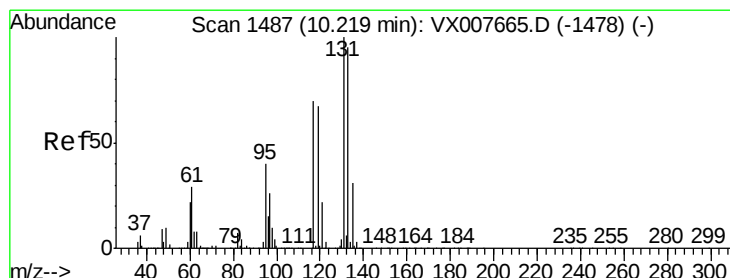
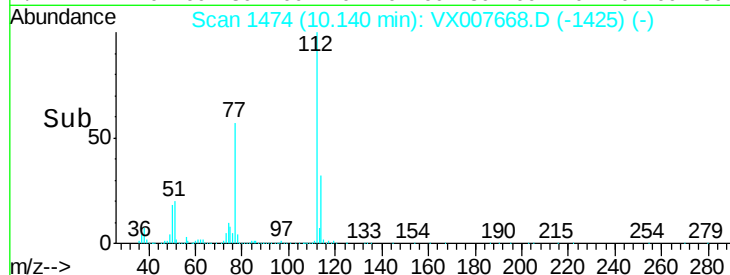
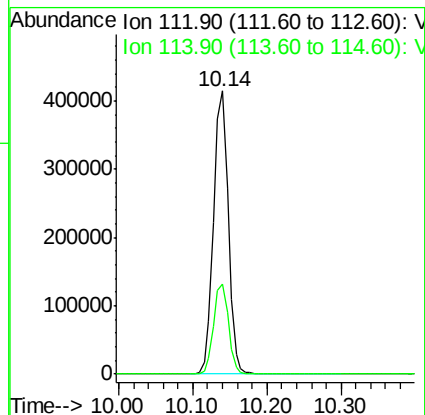
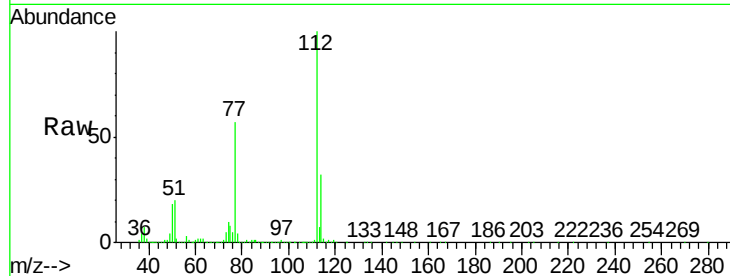
Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 50.111 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

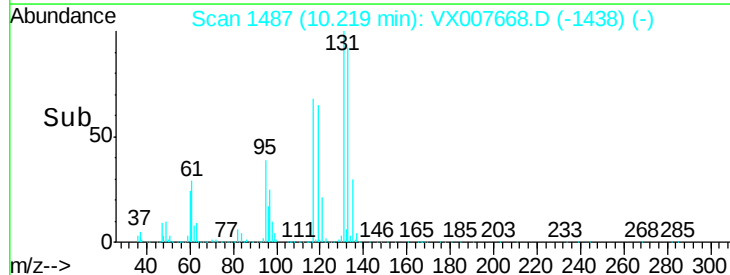
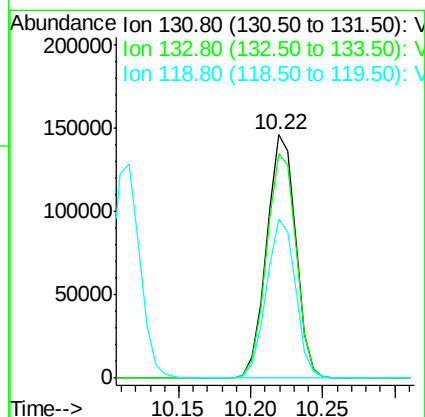
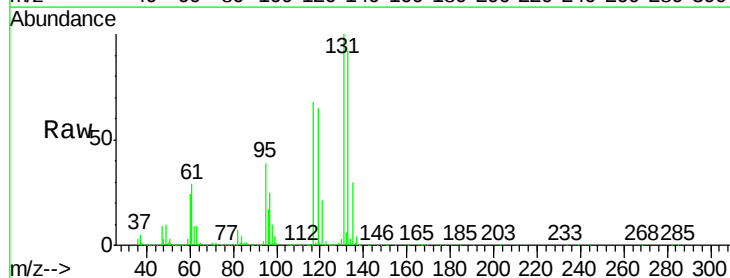
Tgt Ion:131 Resp: 202889

Ion Ratio Lower Upper

131 100

133 94.2 48.0 144.2

119 65.5 32.0 96.0





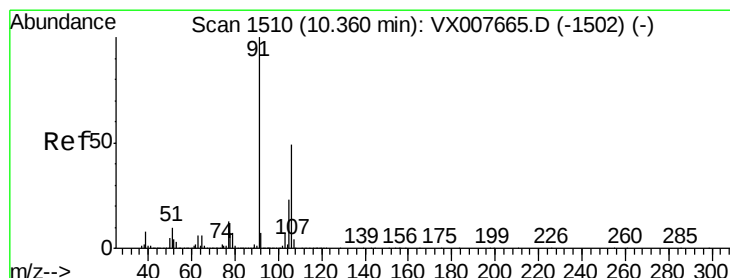
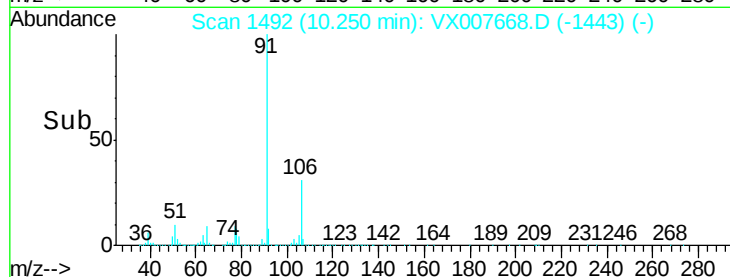
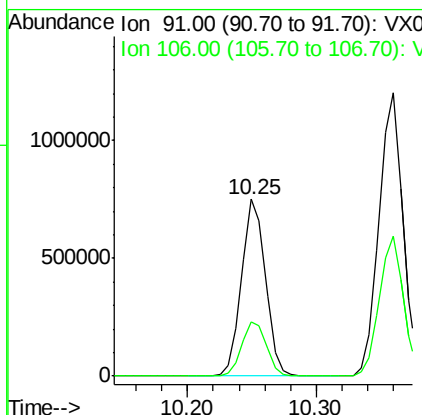
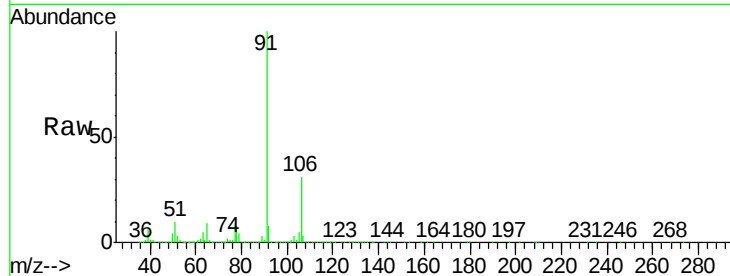
#67
Ethyl Benzene
Concen: 50.423 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.4	38.0

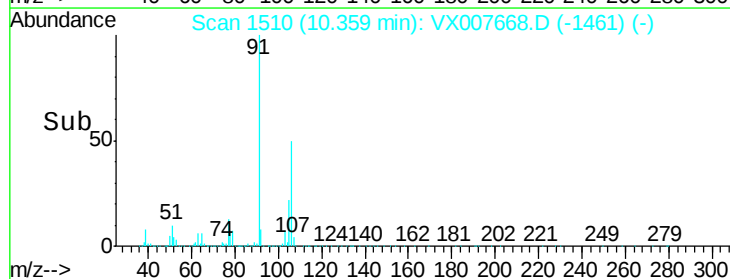
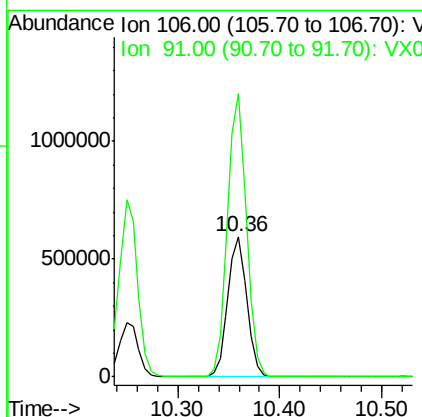
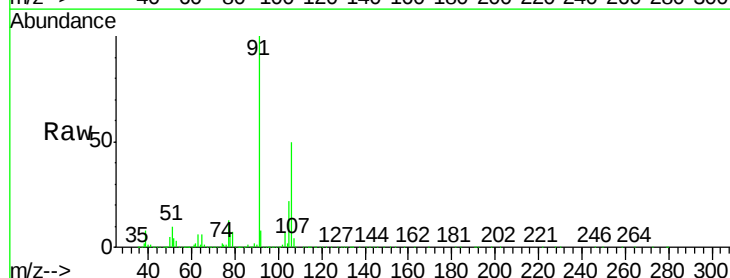
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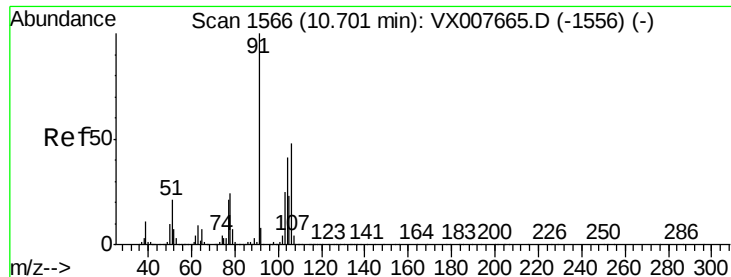
MMDadoda
2/26/2019 2:57:50 PM



#68
m/p-Xylenes
Concen: 102.300 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.1	156.6	234.8





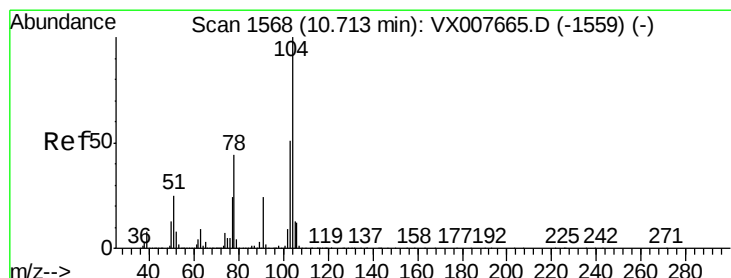
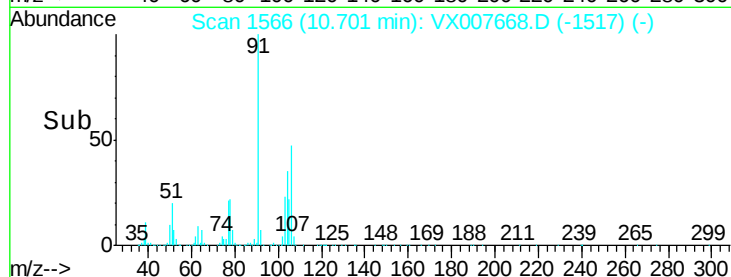
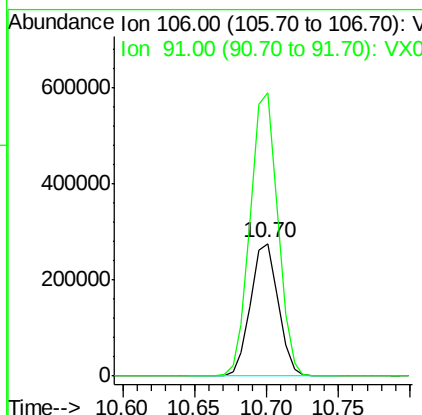
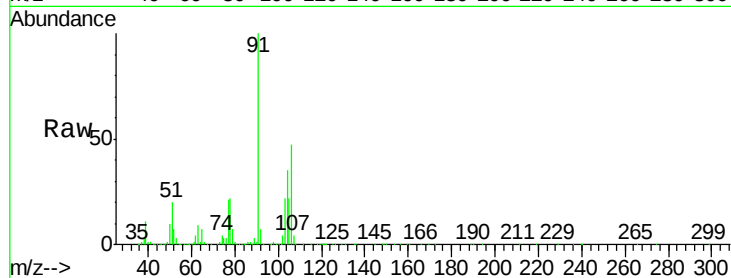
#69
o-Xylene
Concen: 50.597 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.5	102.9	308.7

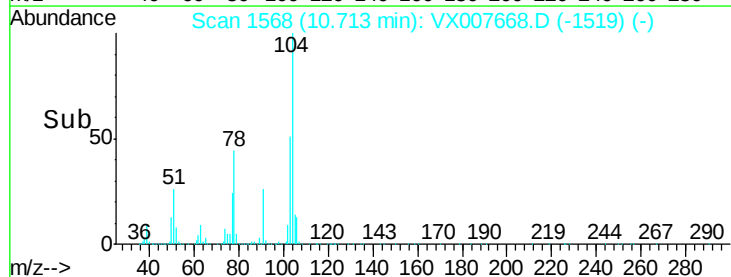
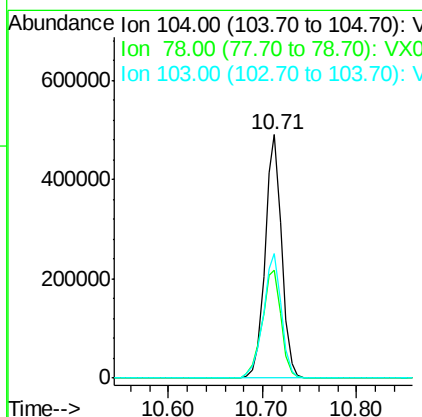
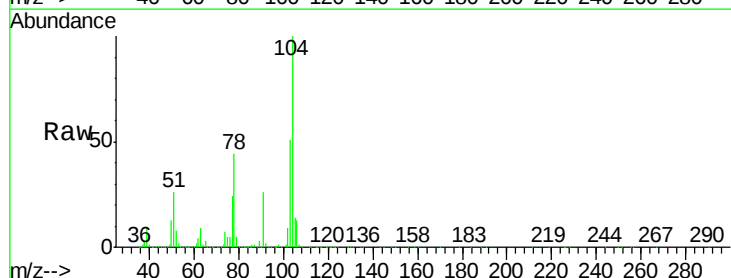
Manual Integrations
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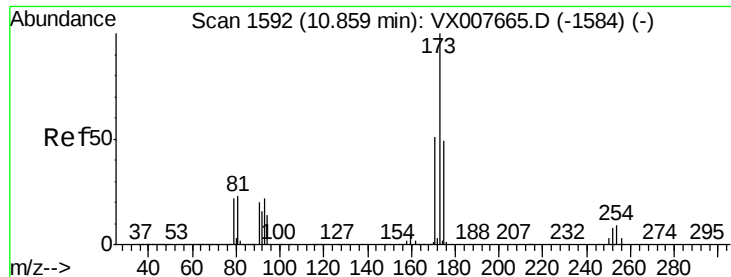
MMDadoda
2/26/2019 2:57:50 PM



#70
Styrene
Concen: 51.538 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.8	38.3	57.5
103	55.6	44.6	67.0





#71

Bromoform

Concen: 50.647 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

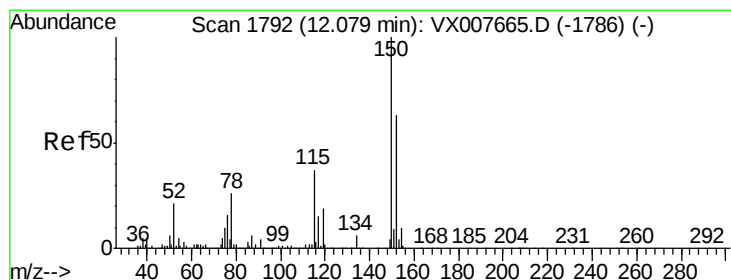
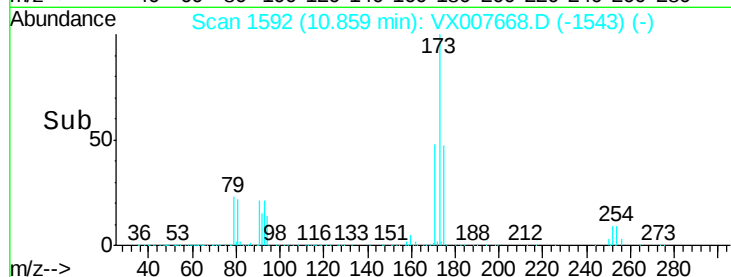
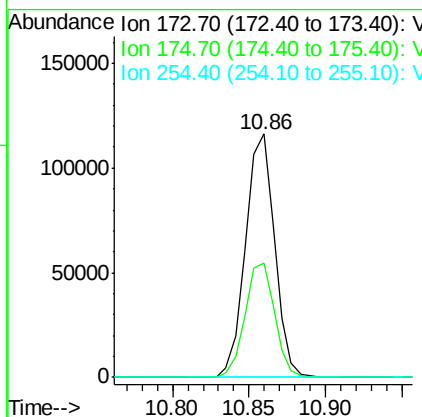
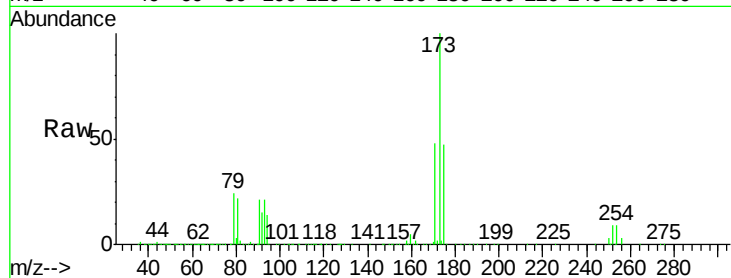
ClientSampleId :

ICVVX022519

Tot Ion:	173	Resp:	153771
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.2	72.6
254	0.0	0.2	0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

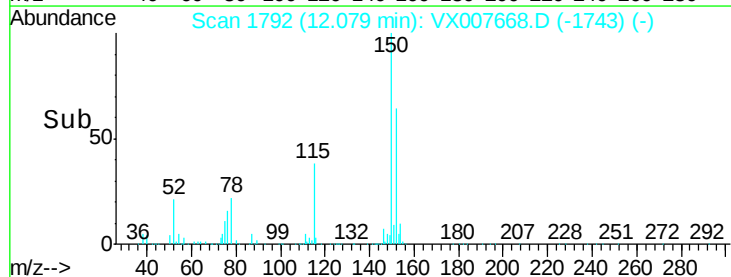
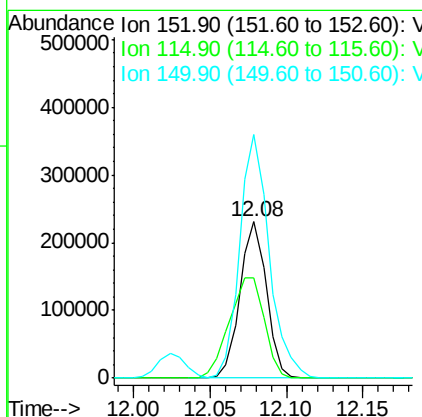
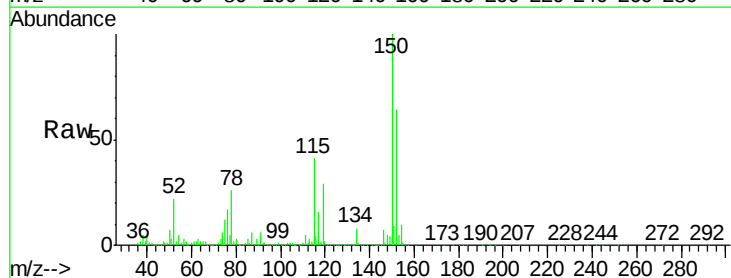
RT: 12.08 min Scan# 1792

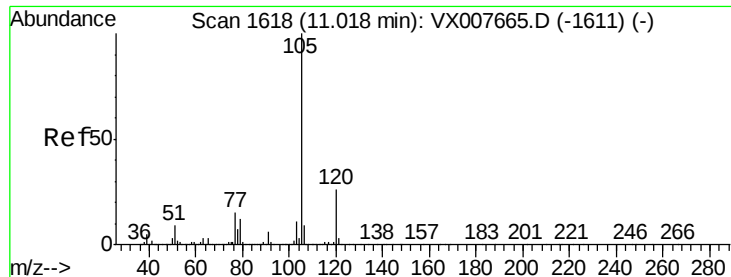
Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	152	Resp:	275115
Ion Ratio	Lower	Upper	
152	100		
115	85.3	38.0	114.0
150	175.3	0.0	346.4





#73

Isopropylbenzene

Concen: 50.558 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion:105 Resp: 994113

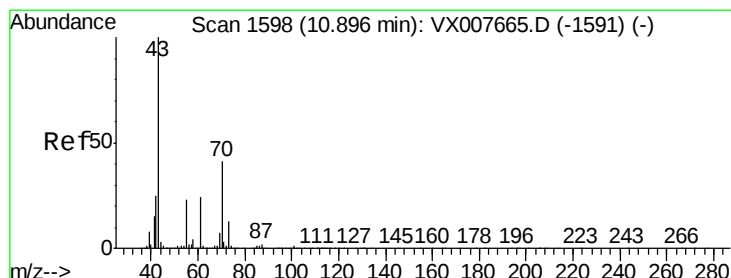
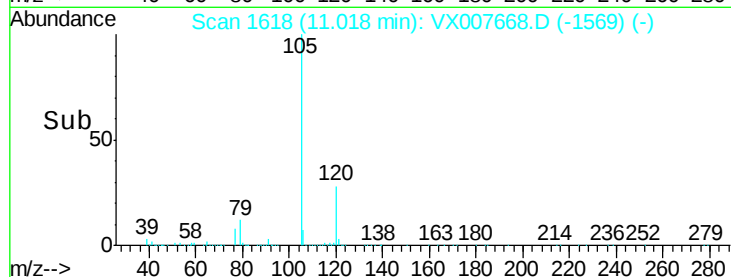
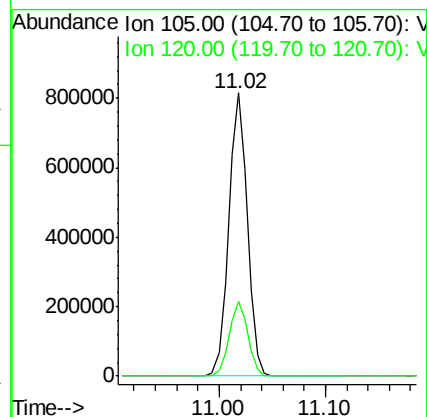
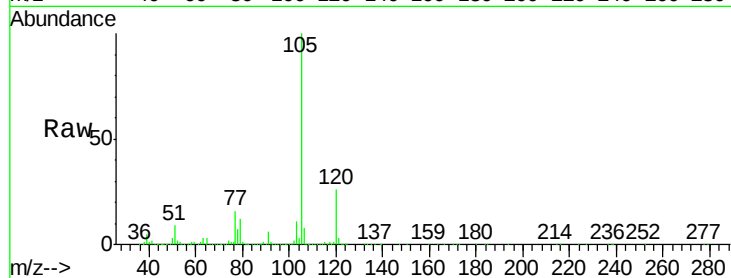
Ion Ratio Lower Upper

105 100

120 26.4 13.6 40.7

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2/26/2019 2:57:50 PM



#74

N-ethyl acetate

Concen: 53.390 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion: 43 Resp: 455886

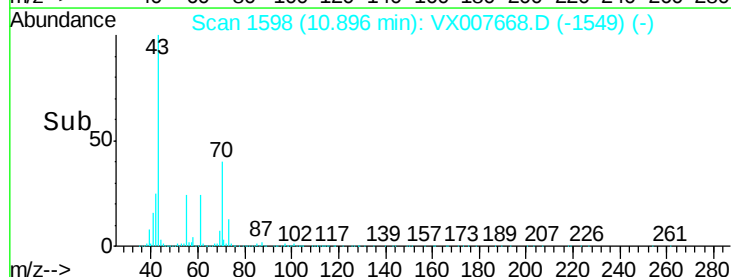
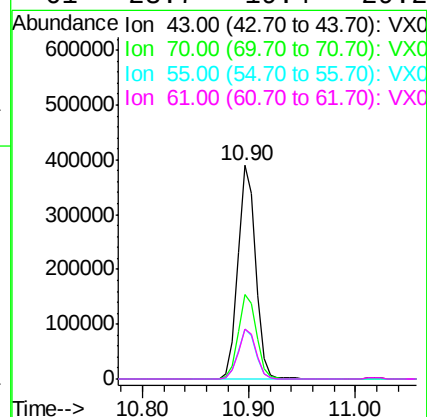
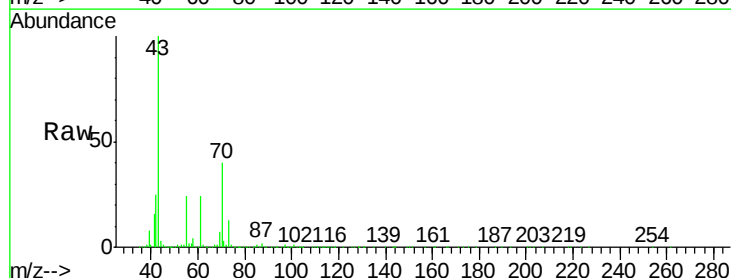
Ion Ratio Lower Upper

43 100

70 40.7 33.8 50.6

55 23.7 19.5 29.3

61 23.7 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.746 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

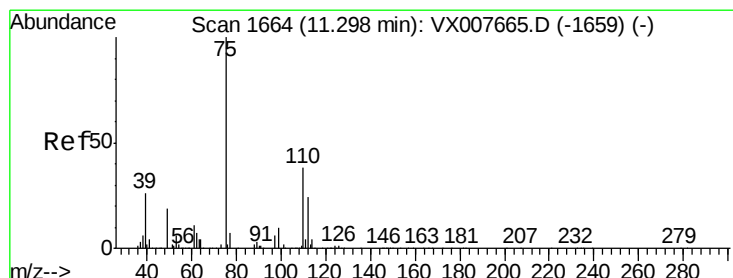
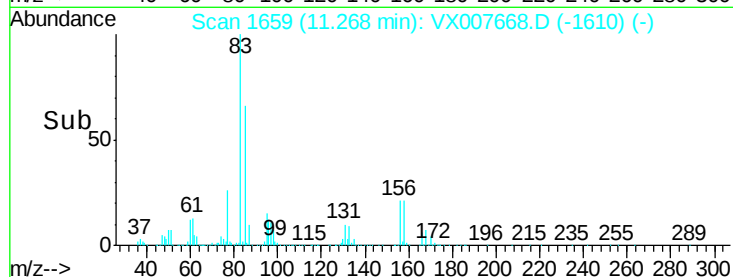
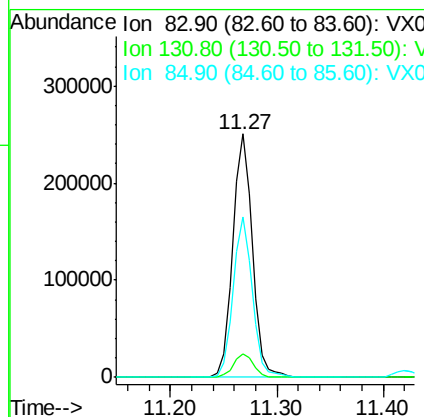
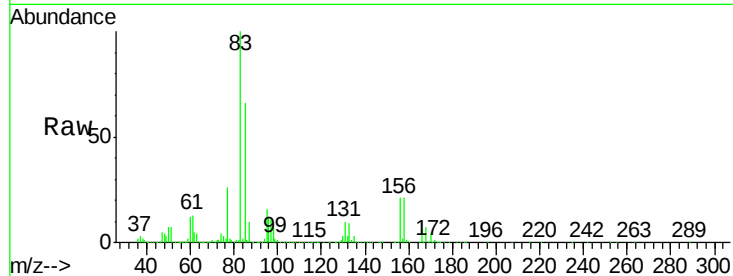
ClientSampleId :

ICVVX022519

Tot Ion:	83	Resp:	324710
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.7	17.0
85	64.7	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.050 ug/l m

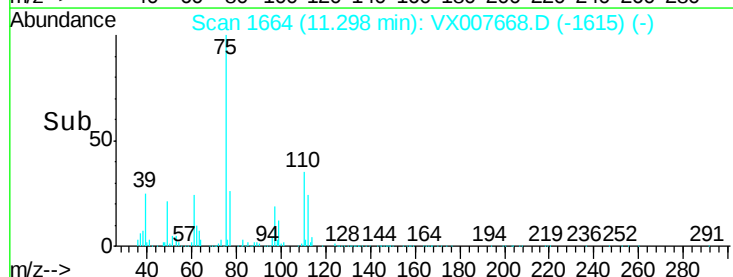
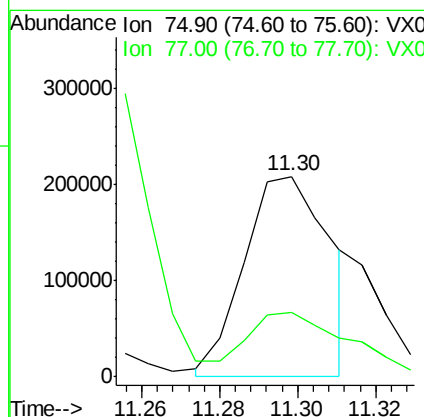
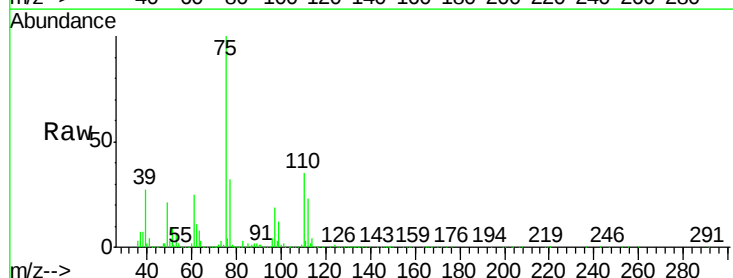
RT: 11.30 min Scan# 1664

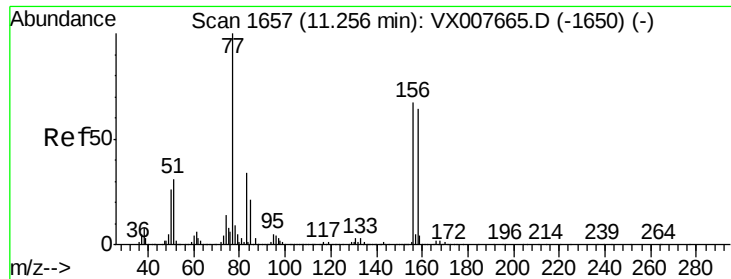
Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	75	Resp:	316961
Ion Ratio	Lower	Upper	
75	100		
77	37.8	23.0	69.0





#77

Bromobenzene

Concen: 48.707 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

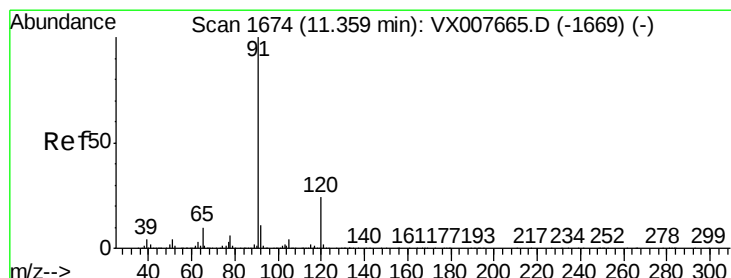
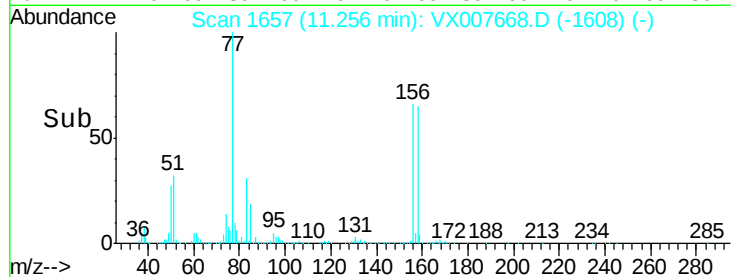
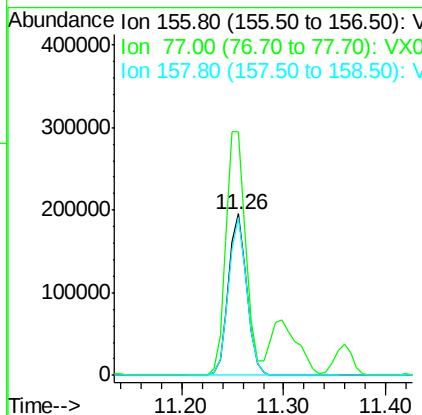
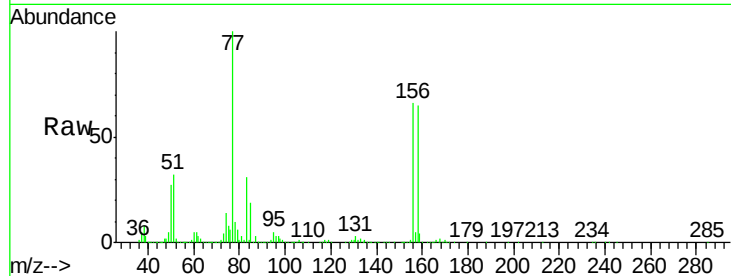
ClientSampleId :

ICVVX022519

Tot Ion	Ratio	Lower	Upper
156	100		
77	165.2	66.8	200.6
158	97.4	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.597 ug/l

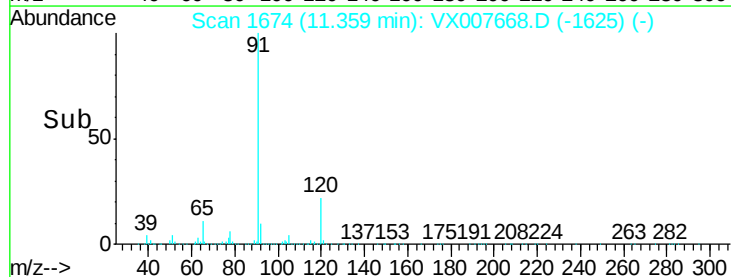
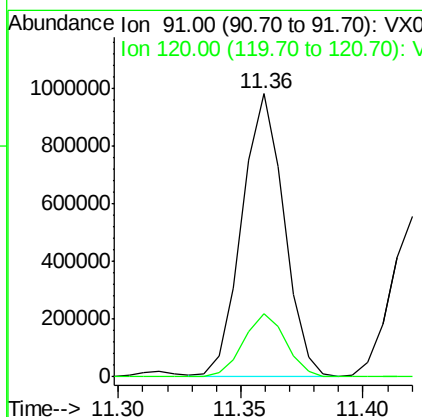
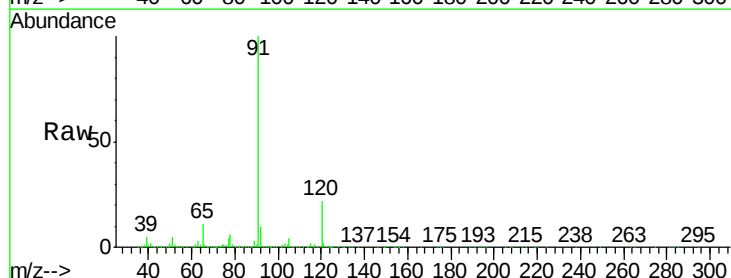
RT: 11.36 min Scan# 1674

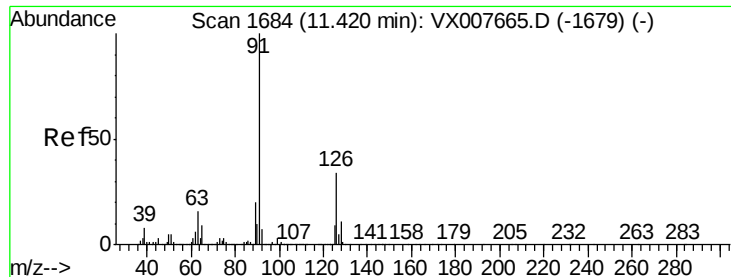
Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	12.4	37.2





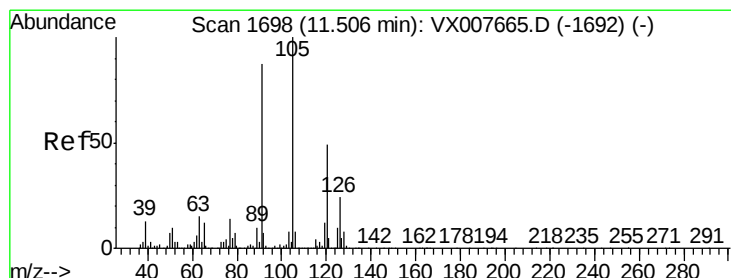
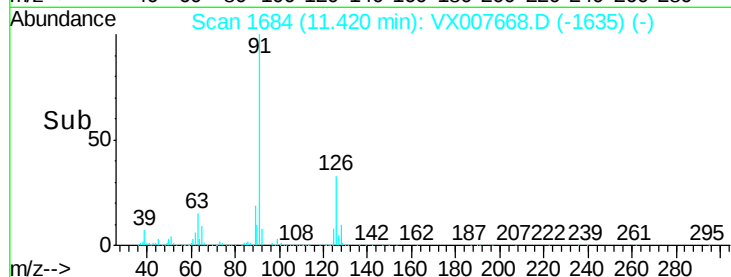
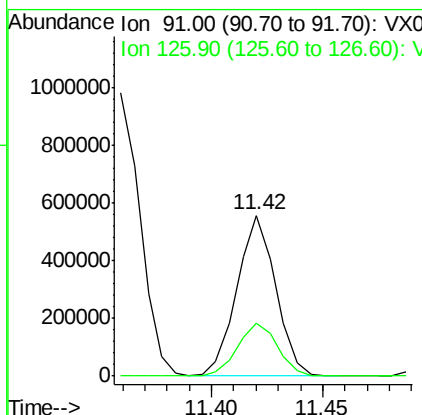
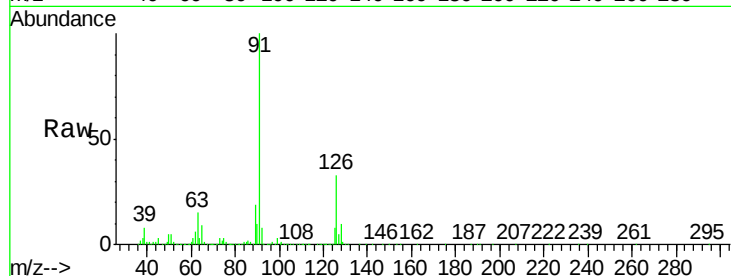
#79
 2-Chlorotoluene
 Concen: 50.429 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX022519

Tot Ion: 91 Resp: 674677
 Ion Ratio Lower Upper
 91 100
 126 34.2 18.7 56.1

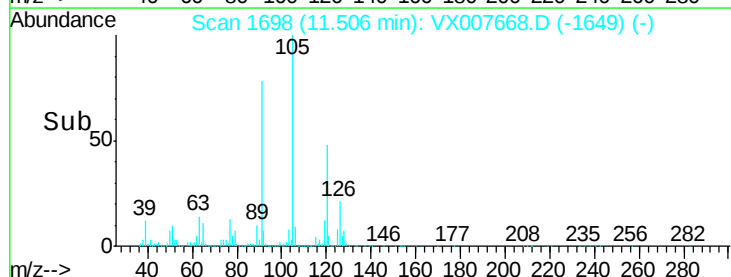
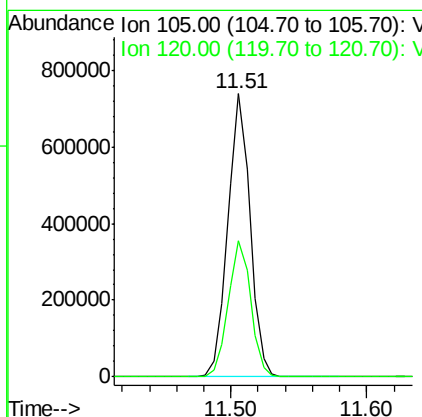
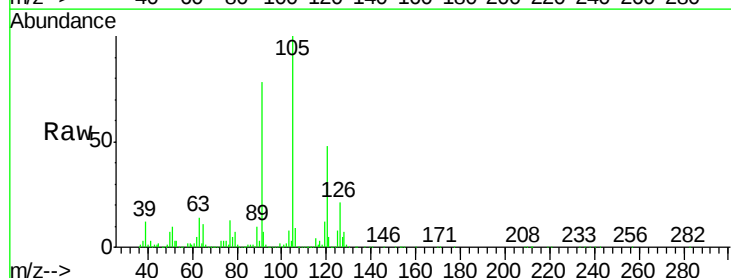
Manual Integrations
 APPROVED

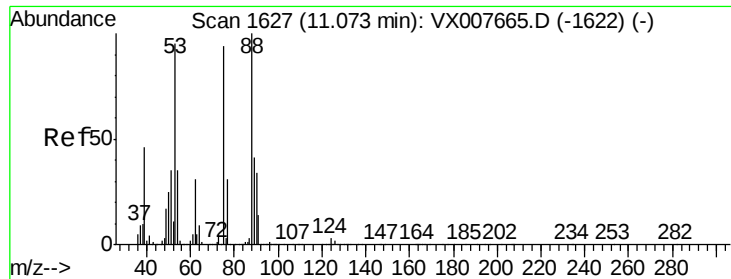
MMDadoda
 2/26/2019 2:57:50 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.715 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion: 105 Resp: 836426
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.3 75.8





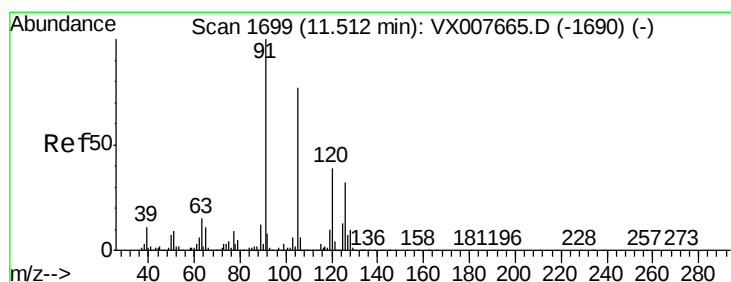
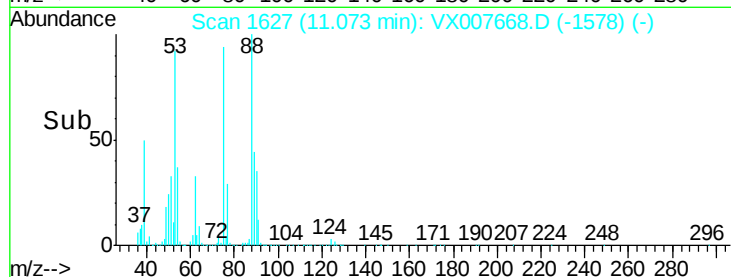
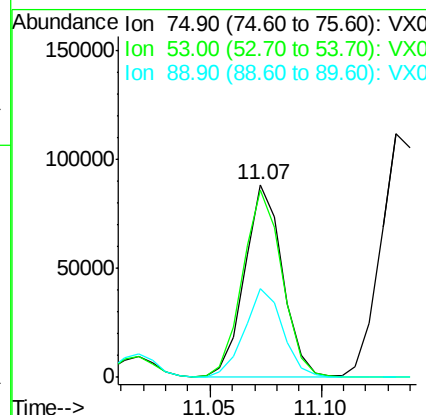
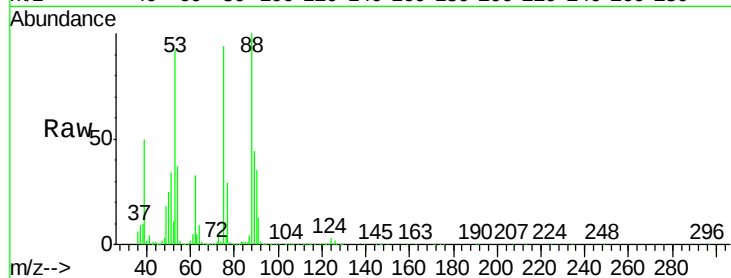
#81
trans-1,4-Dichloro-2-butene
Concen: 48.296 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.3	81.0	121.6
89	46.8	41.4	62.0

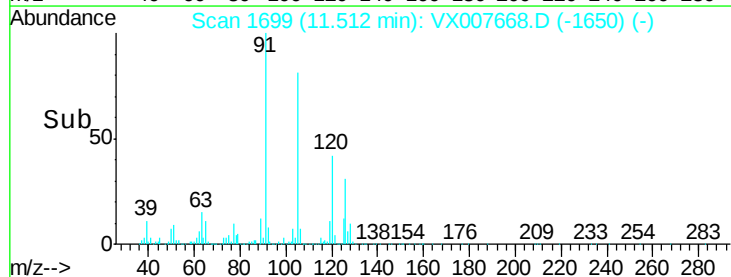
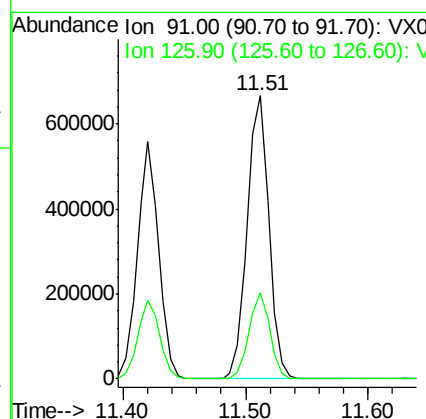
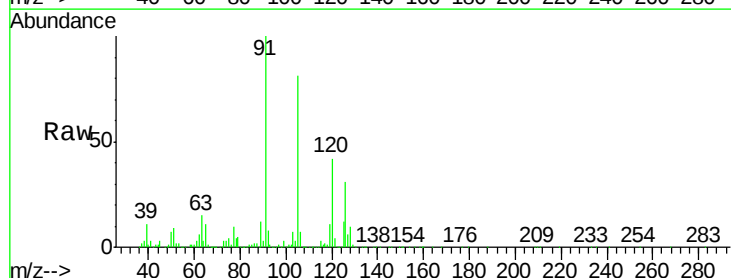
Manual Integrations
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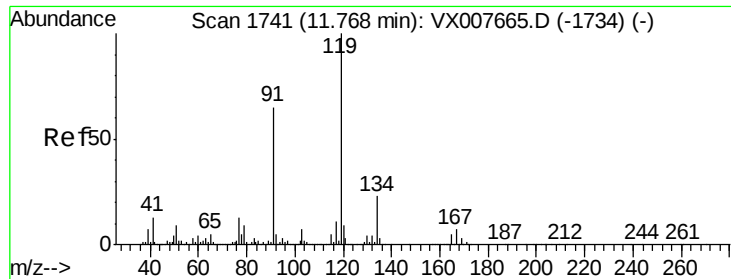
MMDadoda
2/26/2019 2:57:50 PM



#82
4-Chlorotoluene
Concen: 52.203 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	16.2	48.5





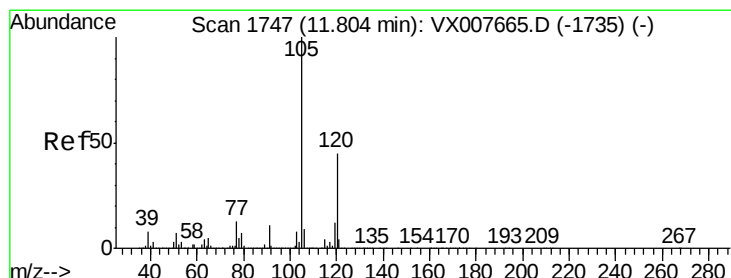
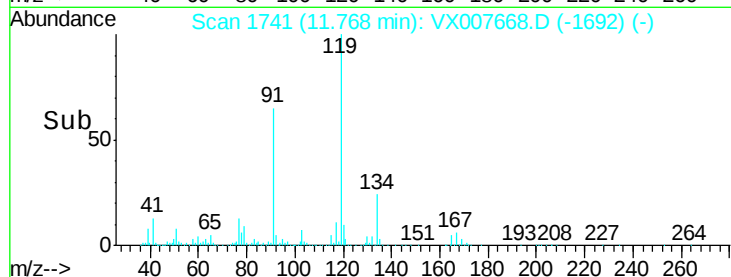
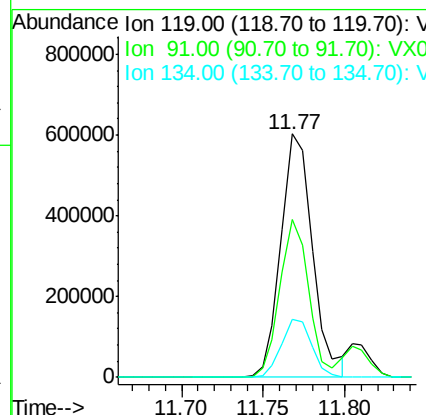
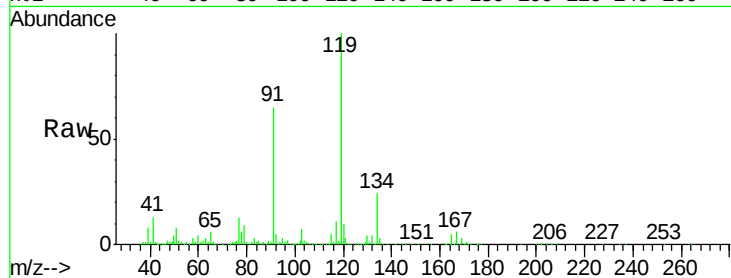
#83
tert-Butylbenzene
Concen: 52.191 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Resp	Lower	Upper
119	100	810474		
91	59.0	28.5	85.6	
134	22.7	12.0	36.0	

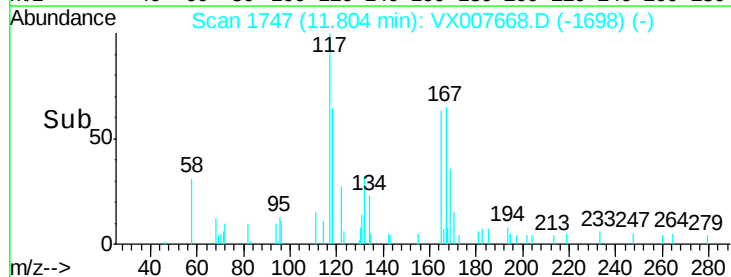
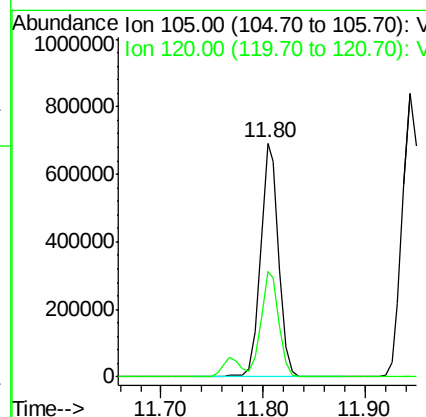
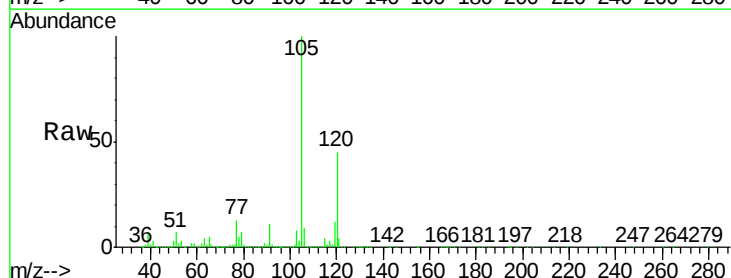
Manual Integrations
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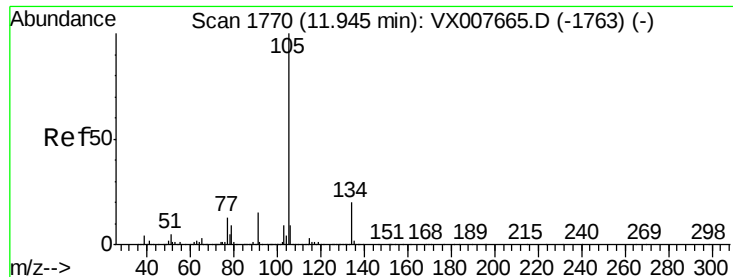
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.811 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	857162		
120	44.6	23.1	69.3	





#85

sec-Butylbenzene

Concen: 51.957 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022519

Tot Ion:105 Resp: 1011065

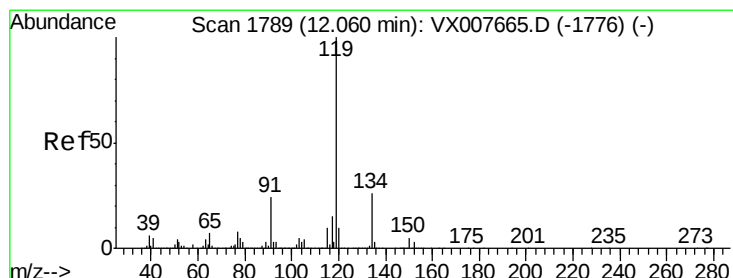
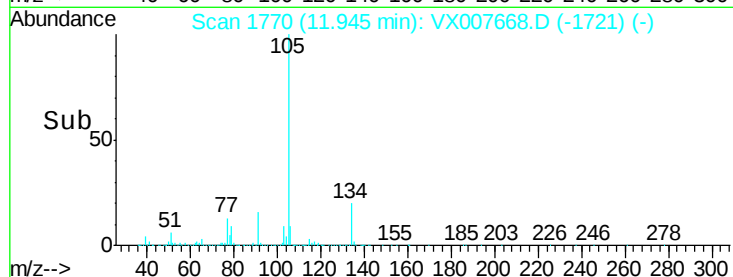
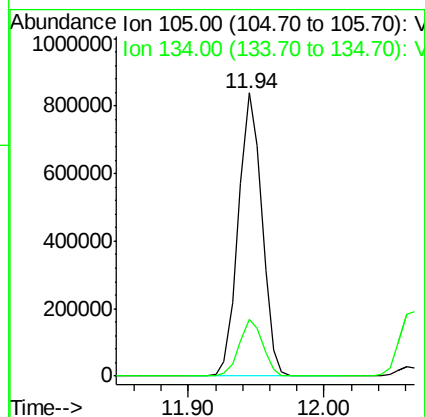
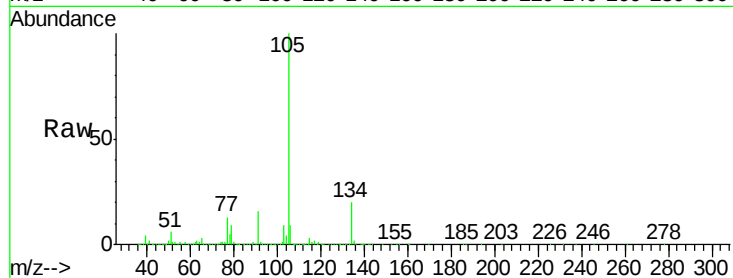
Ion Ratio Lower Upper

105 100

134 20.1 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.567 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

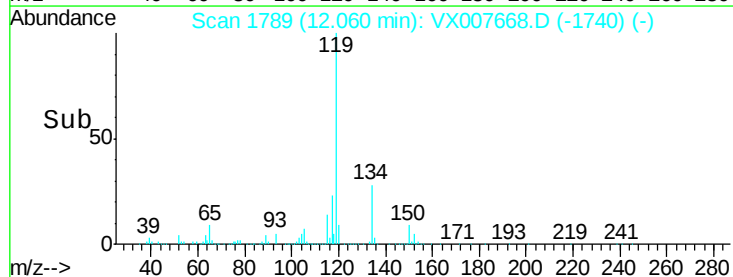
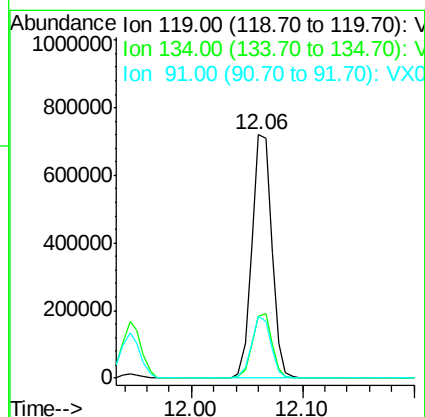
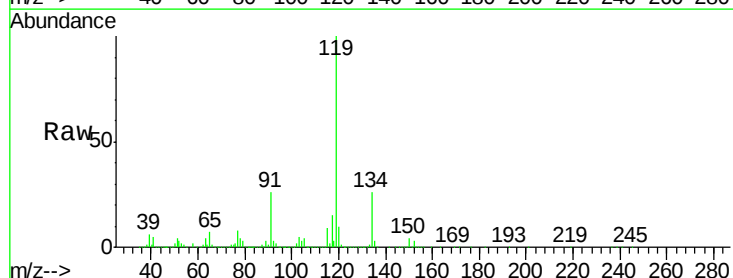
Tgt Ion:119 Resp: 895844

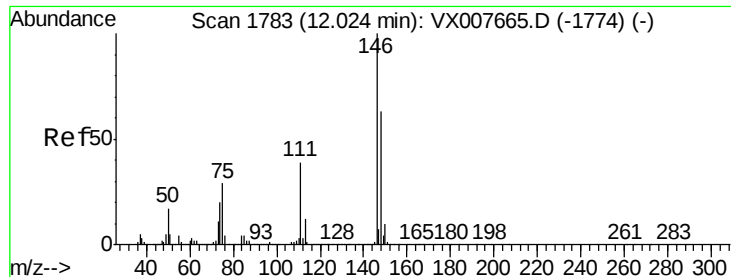
Ion Ratio Lower Upper

119 100

134 26.1 13.7 41.1

91 24.4 11.2 33.5





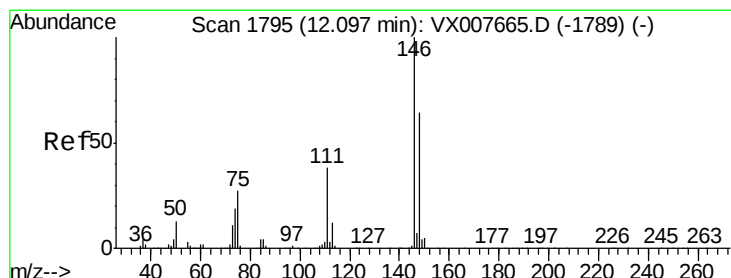
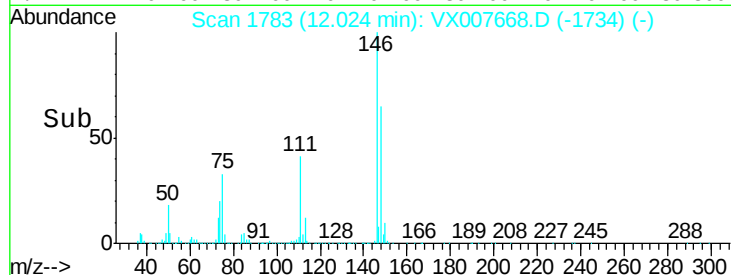
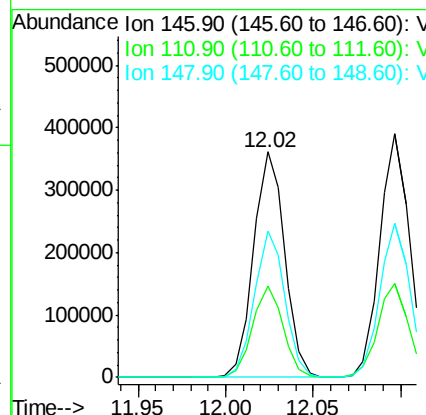
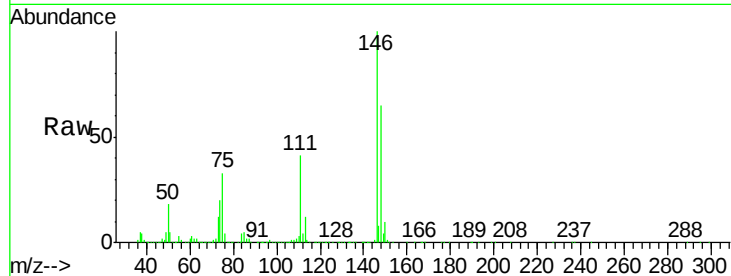
#87
 1,3-Dichlorobenzene
 Concen: 49.191 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.1	54.1
148	63.4	32.0	96.2

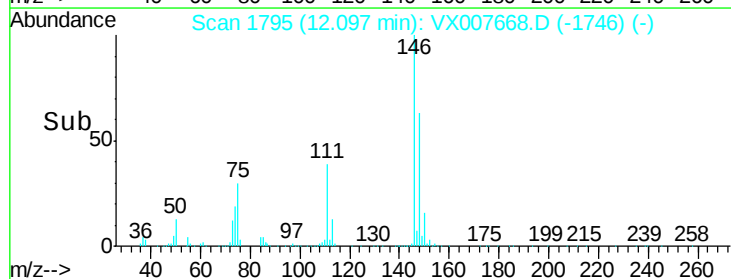
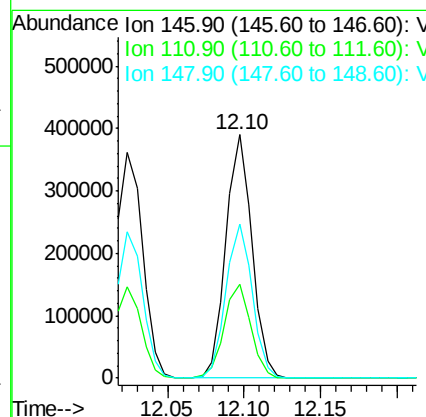
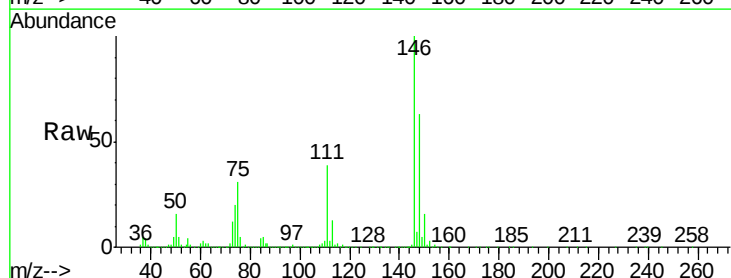
Manual Integrations
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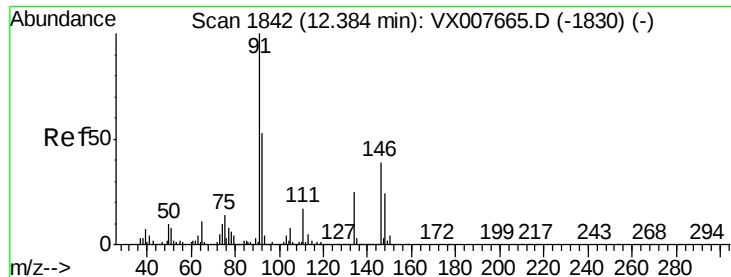
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#88
 1,4-Dichlorobenzene
 Concen: 49.193 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.1	54.1
148	63.9	32.3	96.9





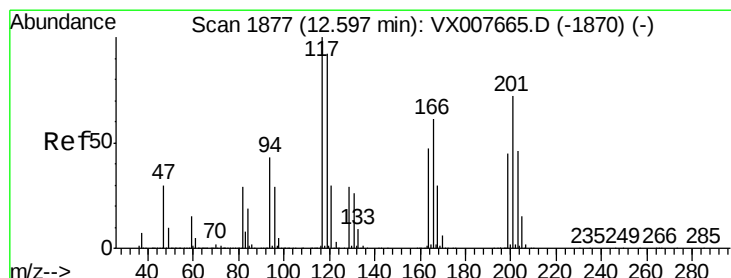
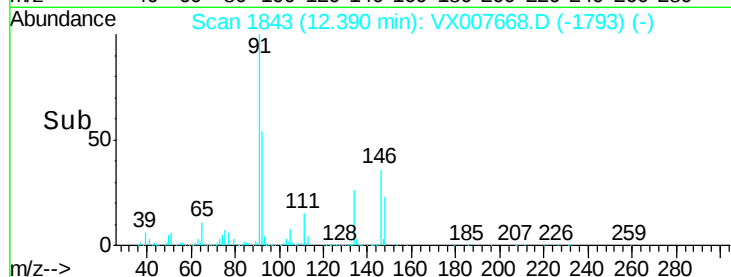
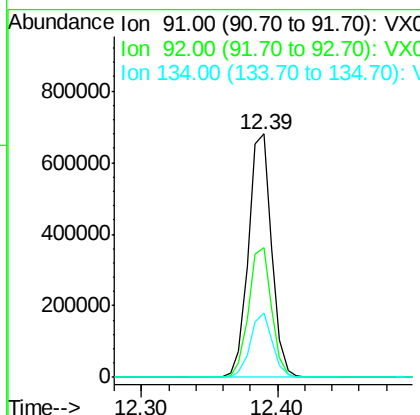
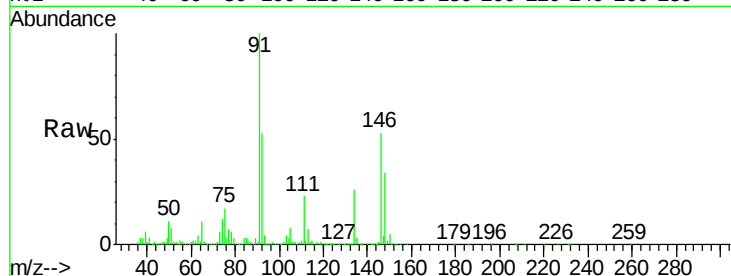
#89
n-Butylbenzene
Concen: 53.368 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022519

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	25.5	13.9	41.6

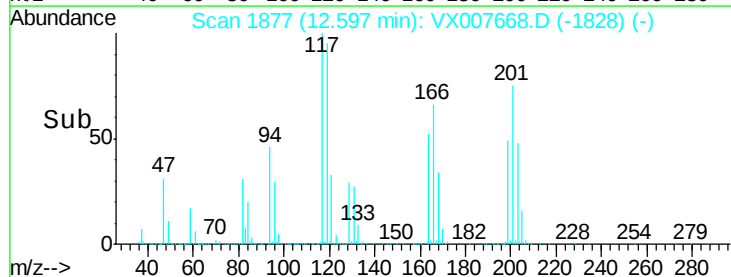
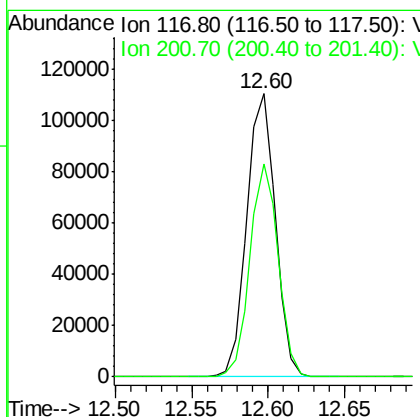
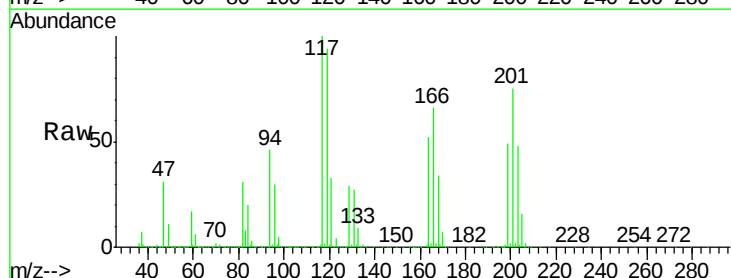
Manual Integrations
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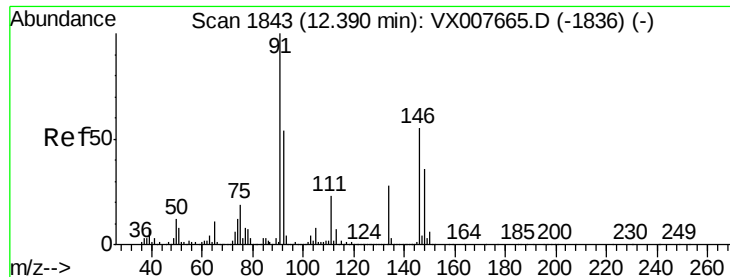
MMDadoda
2/26/2019 2:57:50 PM



#90
Hexachloroethane
Concen: 49.904 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007668.D
Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.5	44.9	134.7





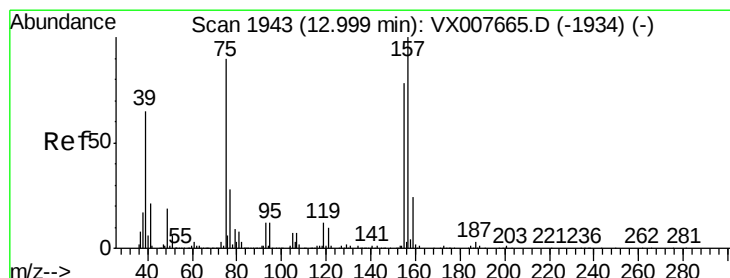
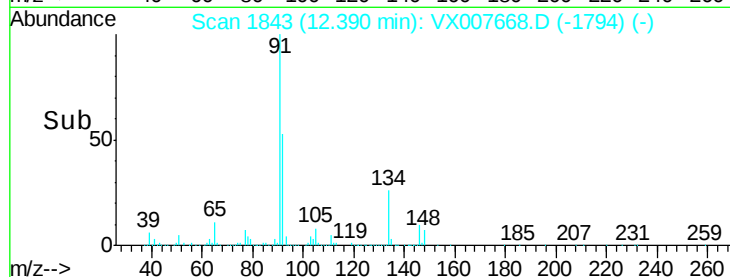
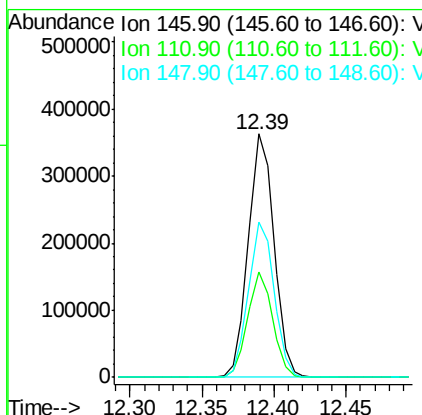
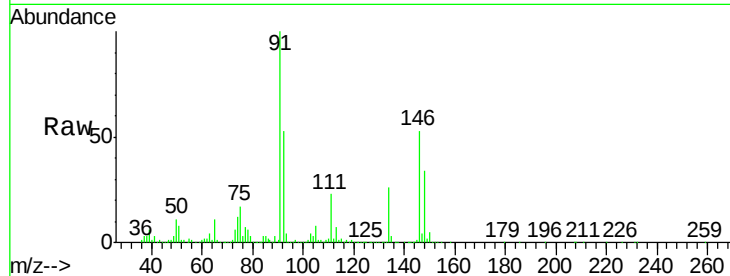
#91
 1,2-Dichlorobenzene
 Concen: 48.788 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.1	57.3
148	63.9	32.1	96.3

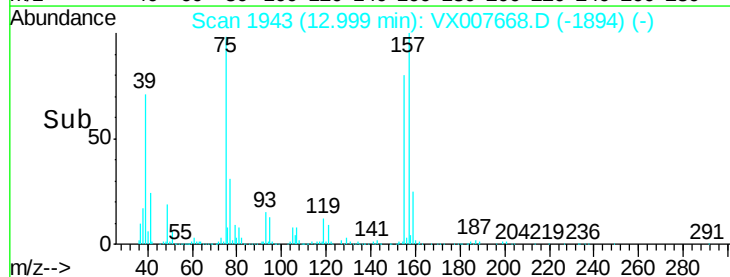
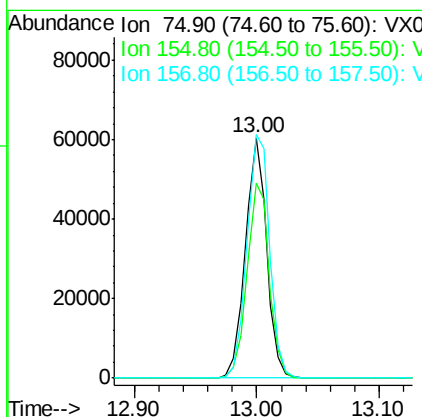
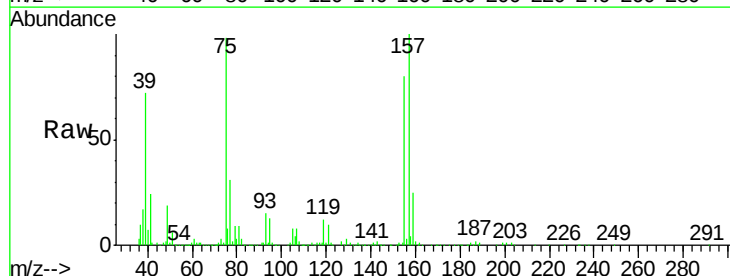
Manual Integrations
 APPROVED

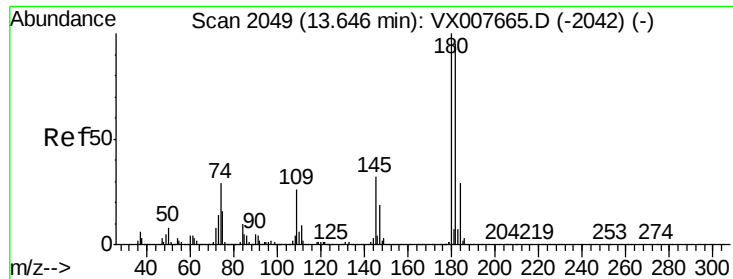
MMDadoda
 2/26/2019 2:57:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.903 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	49.6	149.0
157	109.2	65.1	195.3





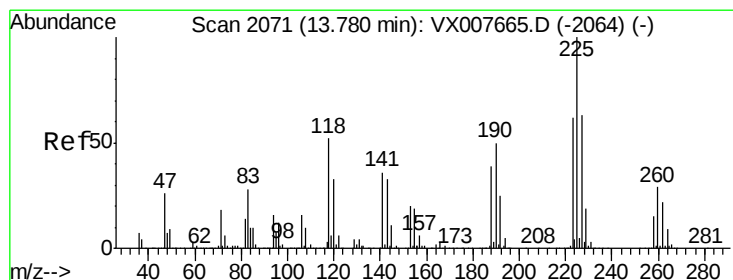
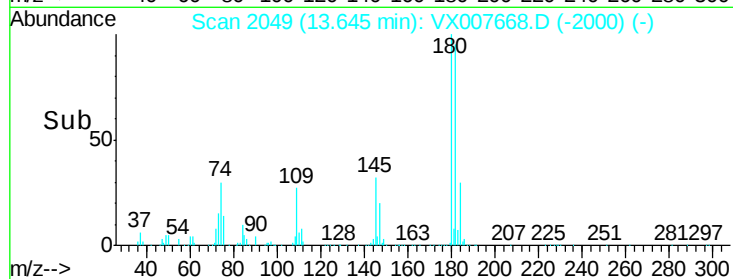
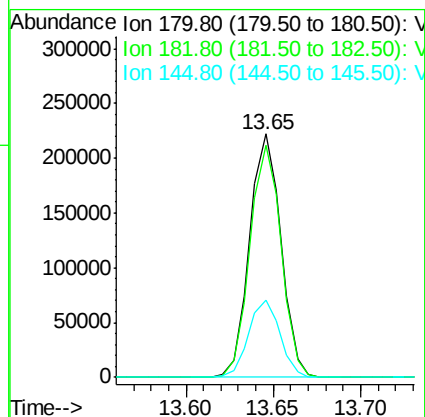
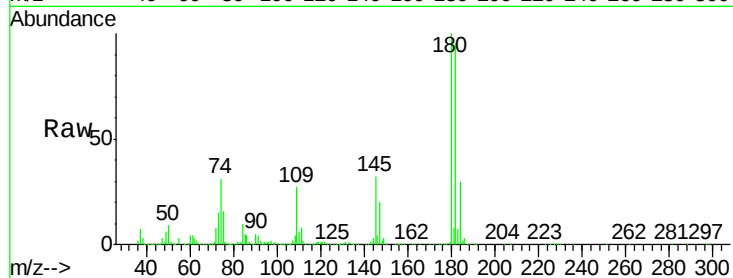
#93
 1,2,4-Trichlorobenzene
 Concen: 49.607 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022519

Tot Ion	Ratio	Resp	Lower	Upper
180	100	277166		
182	95.0	47.8	143.3	
145	31.8	14.1	42.2	

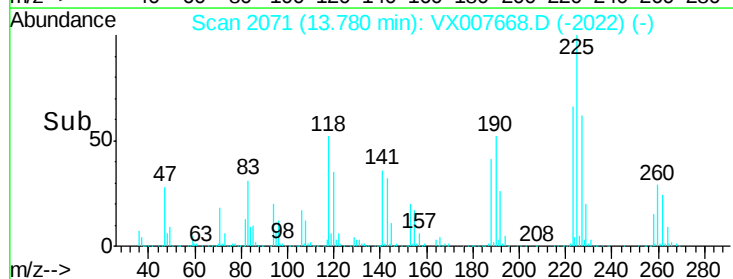
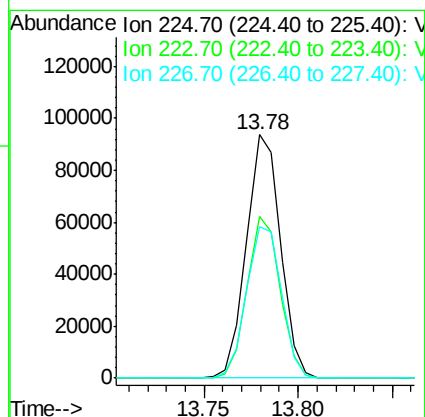
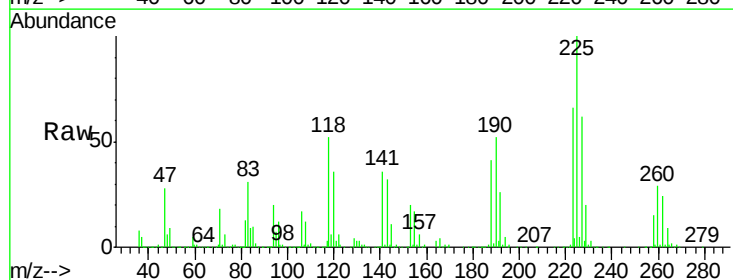
Manual Integrations
 APPROVED

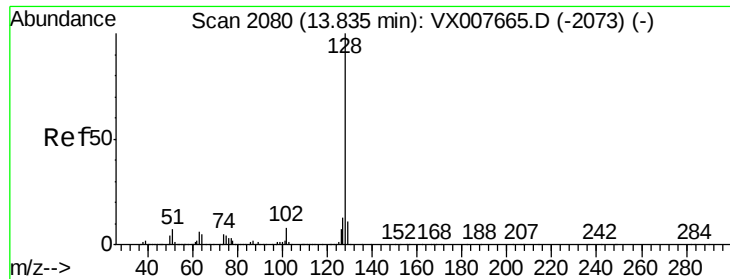
MMDadoda
 2/26/2019 2:57:50 PM



#94
 Hexachlorobutadiene
 Concen: 46.090 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007668.D
 Acq: 25 Feb 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	117806		
223	64.5	31.6	94.8	
227	64.0	32.1	96.3	





#95

Naphthalene

Concen: 52.426 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Instrument :

MSVOA_X

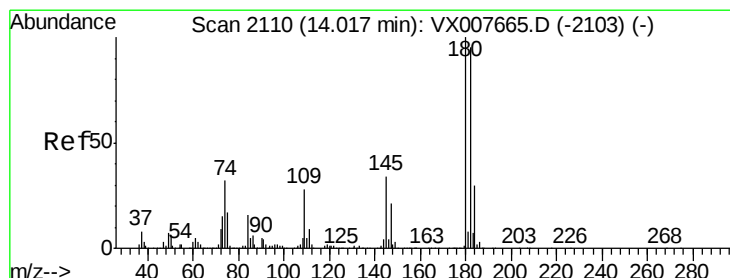
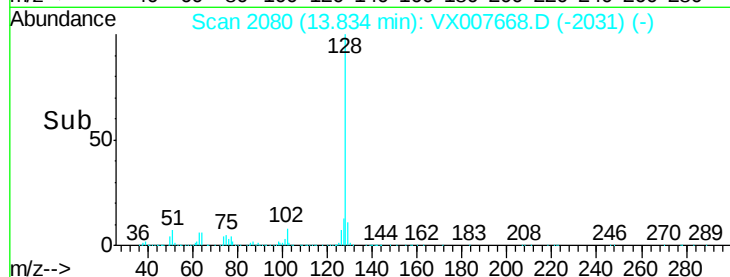
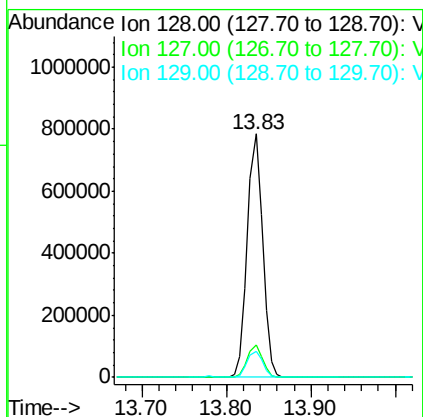
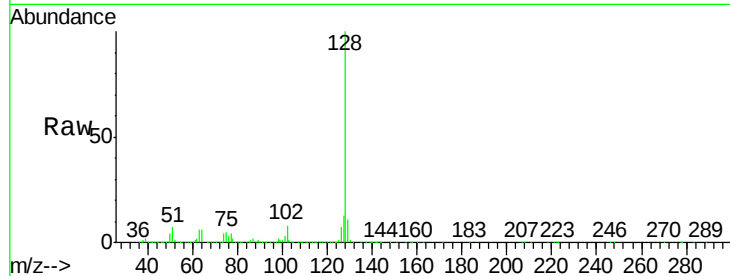
ClientSampleId :

ICVVX022519

Tot Ion:	128	Resp:	949004
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/26/2019 2:57:50 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.877 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007668.D

Acq: 25 Feb 2019 12:28

Tgt Ion:	180	Resp:	274208
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.5	142.6
145	33.3	14.9	44.5

