

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007769.D
 Acq On : 28 Feb 2019 16:25
 Operator : JC/SP
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:21 AM

Quant Time: Mar 01 02:54:43 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	289166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	375509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168282	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	5.50	113	138240	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	515018	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	183568	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49647	18.638	ug/l	99
3) Chloromethane	1.33	50	54310	18.399	ug/l	99
4) Vinyl Chloride	1.41	62	58198	19.217	ug/l	99
5) Bromomethane	1.64	94	35957	17.849	ug/l	100
6) Chloroethane	1.73	64	37367	19.313	ug/l	99
7) Trichlorofluoromethane	1.93	101	84722	18.249	ug/l	98
8) Diethyl Ether	2.19	74	35045	18.393	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51127	18.220	ug/l	98
10) Methyl Iodide	2.51	142	68369	19.567	ug/l	99
11) Tert butyl alcohol	3.07	59	70535	103.789	ug/l	99
12) 1,1-Dichloroethene	2.38	96	48096	19.015	ug/l	95
13) Acrolein	2.30	56	39385	65.217	ug/l	100
14) Allyl chloride	2.73	41	97977	20.949	ug/l	94
15) Acrylonitrile	3.15	53	165316	103.367	ug/l	99
16) Acetone	2.45	43	166035	104.238	ug/l	100
17) Carbon Disulfide	2.57	76	127530	18.123	ug/l	99
18) Methyl Acetate	2.78	43	78134	22.480	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	169953	19.295	ug/l	97
20) Methylene Chloride	2.86	84	54390	18.492	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	50452	18.348	ug/l	90
22) Diisopropyl ether	3.87	45	199598	20.501	ug/l	95
23) Vinyl Acetate	3.82	43	858426	100.496	ug/l	97
24) 1,1-Dichloroethane	3.70	63	105001	19.844	ug/l	98
25) 2-Butanone	4.70	43	258912	106.709	ug/l	93
26) 2,2-Dichloropropane	4.59	77	78676	18.627	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63251	18.077	ug/l	92
28) Bromochloromethane	5.02	49	50790	19.717	ug/l	87
29) Tetrahydrofuran	5.15	42	160972	100.647	ug/l	94
30) Chloroform	5.21	83	105410	18.598	ug/l	100
31) Cyclohexane	5.58	56	95217	19.131	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	88227	18.822	ug/l	97
36) 1,1-Dichloropropene	5.80	75	78166	20.891	ug/l	97
37) Ethyl Acetate	4.85	43	92991	22.373	ug/l	100
38) Carbon Tetrachloride	5.79	117	76429	20.335	ug/l	98

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Manual Integrations
 APPROVED

MMDadoda
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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	92369	19.533	ug/l	92
40) Benzene	6.15	78	239560	20.741	ug/l	100
41) Methacrylonitrile	5.06	41	52082	23.467	ug/l	96
42) 1,2-Dichloroethane	6.20	62	85194	21.945	ug/l	100
43) Isopropyl Acetate	6.46	43	143062	22.365	ug/l	97
44) Trichloroethene	7.21	130	63642	20.030	ug/l	94
45) 1,2-Dichloropropane	7.51	63	64068	21.413	ug/l	100
46) Dibromomethane	7.66	93	40180	19.250	ug/l	98
47) Bromodichloromethane	7.90	83	75078	20.756	ug/l	99
48) Methyl methacrylate	7.77	41	76272	22.747	ug/l	92
49) 1,4-Dioxane	7.75	88	30220	417.279	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	479845	112.064	ug/l	99
52) Toluene	8.79	92	148732	20.421	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80814	19.766	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	91206	20.778	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	62666	20.633	ug/l	98
56) Ethyl methacrylate	9.18	69	90157	20.874	ug/l	95
57) 1,3-Dichloropropane	9.37	76	102336	21.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	237056	99.529	ug/l	97
59) 2-Hexanone	9.49	43	370830	110.311	ug/l	98
60) Dibromochloromethane	9.58	129	60564	20.723	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65414	20.744	ug/l	99
64) Tetrachloroethene	9.34	164	64497	21.157	ug/l	98
65) Chlorobenzene	10.14	112	165179	20.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60149	21.232	ug/l	99
67) Ethyl Benzene	10.25	91	273821	20.353	ug/l	100
68) m/p-Xylenes	10.36	106	210487	40.216	ug/l	96
69) o-Xylene	10.69	106	101255	20.113	ug/l	95
70) Styrene	10.71	104	166237	20.089	ug/l	99
71) Bromoform	10.85	173	46319	21.804	ug/l #	99
73) Isopropylbenzene	11.02	105	273258	20.079	ug/l	100
74) N-amyl acetate	10.90	43	121480	20.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93984	19.967	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	78672m	19.383	ug/l	
77) Bromobenzene	11.26	156	74547	21.839	ug/l	95
78) n-propylbenzene	11.36	91	306391	19.923	ug/l	97
79) 2-Chlorotoluene	11.42	91	185093	19.989	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	227321	20.307	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24956	18.495	ug/l	90
82) 4-Chlorotoluene	11.51	91	209954	19.382	ug/l	98
83) tert-Butylbenzene	11.77	119	222242	20.677	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	231780	20.242	ug/l	99
85) sec-Butylbenzene	11.94	105	271273	20.141	ug/l	99
86) p-Isopropyltoluene	12.06	119	241263	20.454	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127582	20.150	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	128888	19.876	ug/l	98
89) n-Butylbenzene	12.38	91	199320	18.948	ug/l	99
90) Hexachloroethane	12.60	117	37652	18.945	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	129324	20.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19426	18.941	ug/l	93

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Manual Integrations
APPROVED

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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	87409	22.603	ug/l	99
94) Hexachlorobutadiene	13.78	225	48633	27.491	ug/l	99
95) Naphthalene	13.83	128	256170	20.447	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89100	22.947	ug/l	100

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

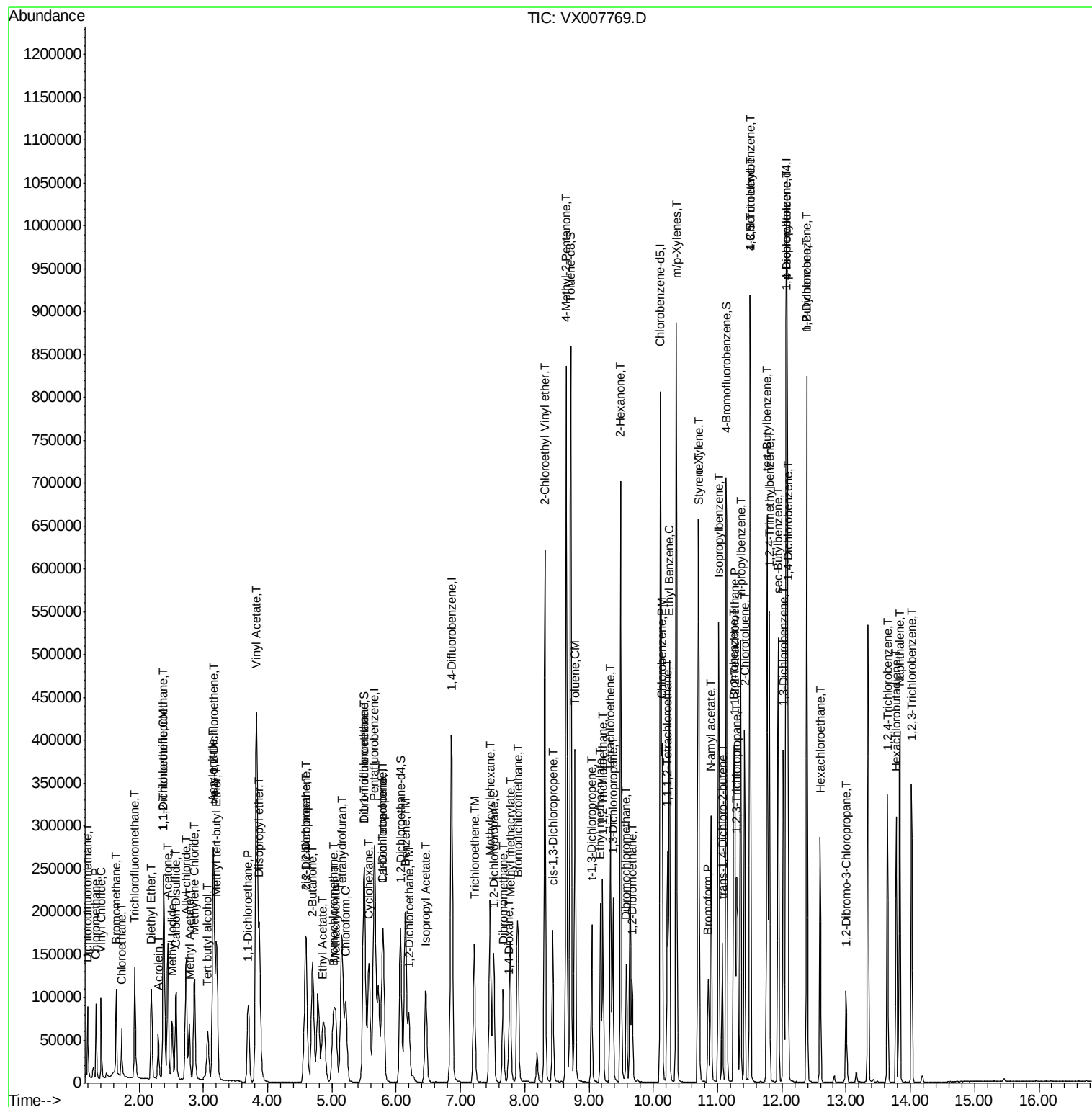
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007769.D
 Acq On : 28 Feb 2019 16:25
 Operator : JC/SP
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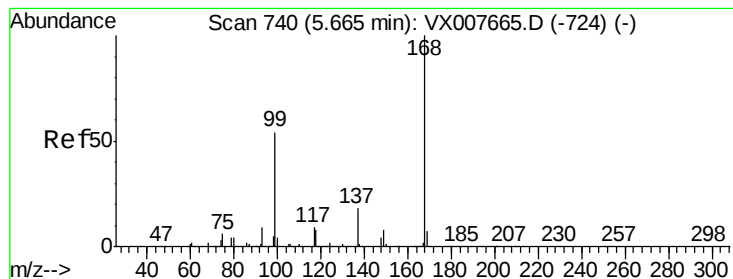
Instrument :
 MSVOA_X
 Client Sampled :
 VX0228WBSD01

Manual Integrations
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 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion:168 Resp: 289166

Ion Ratio Lower Upper

168 100

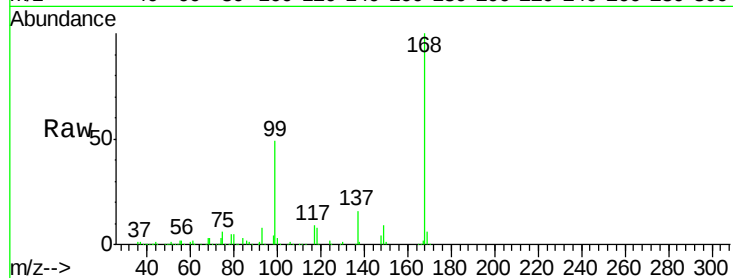
99 48.5 37.9 56.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

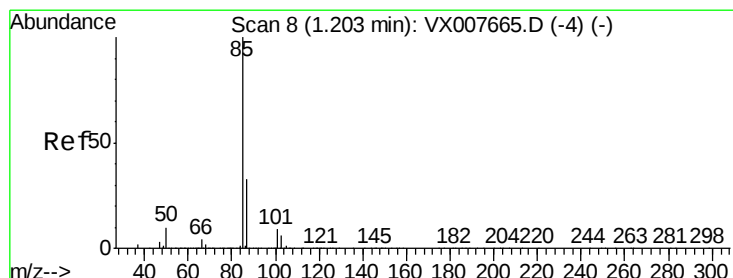
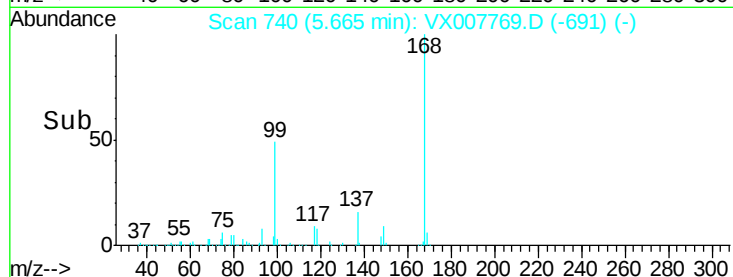
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.638 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007769.D

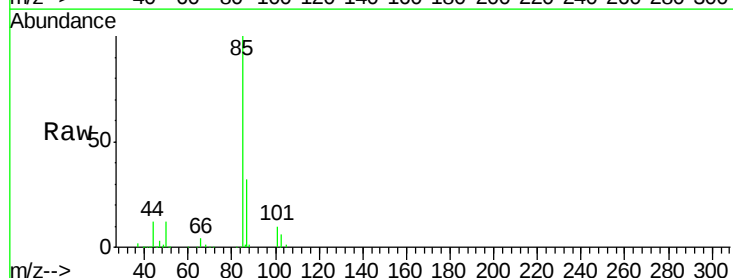
Acq: 28 Feb 2019 16:25

Tgt Ion: 85 Resp: 49647

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

20000

10000

0

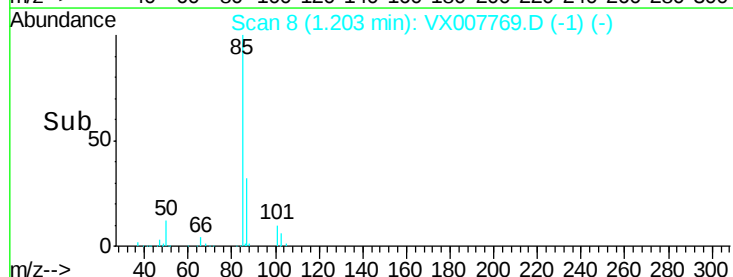
1.15

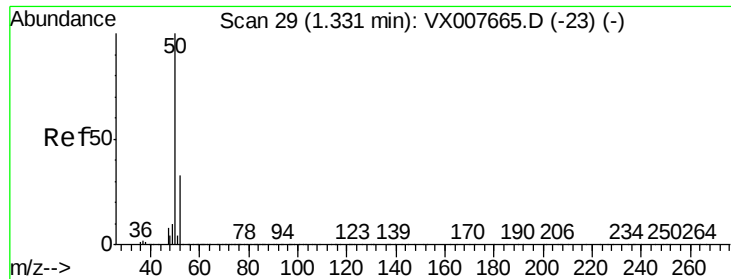
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 18.399 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 50 Resp: 54310

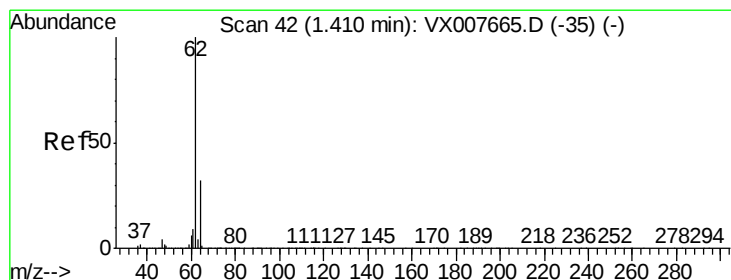
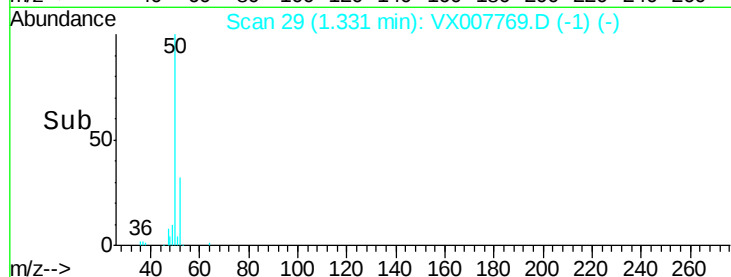
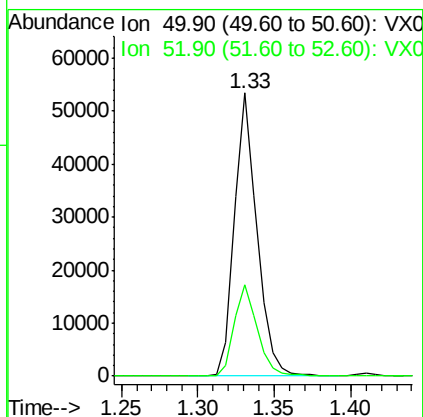
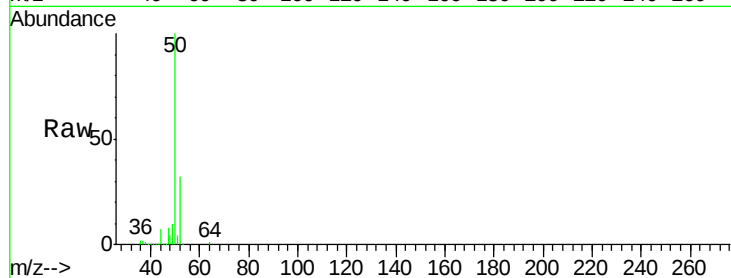
Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.217 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007769.D

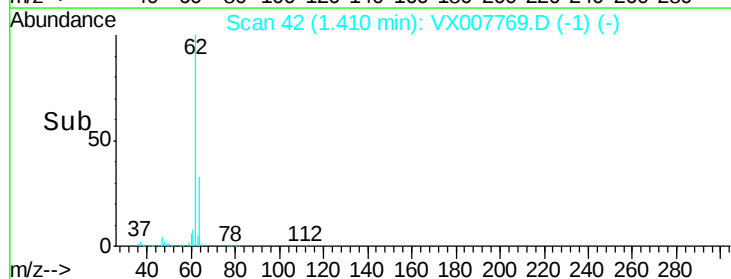
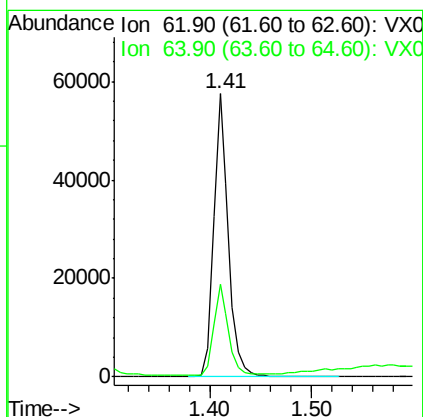
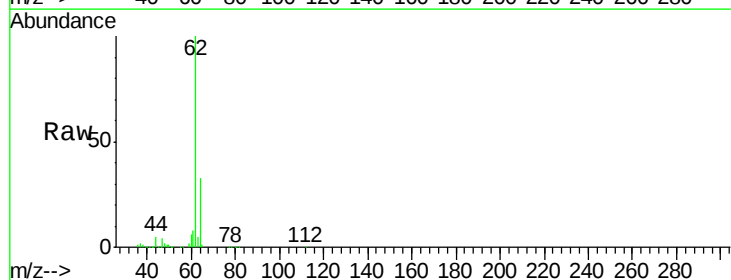
Acq: 28 Feb 2019 16:25

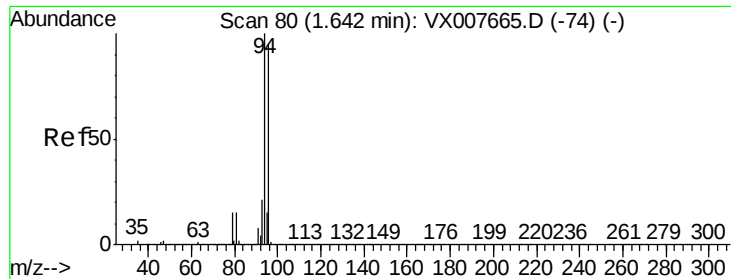
Tgt Ion: 62 Resp: 58198

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 17.849 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 94 Resp: 35957

Ion Ratio Lower Upper

94 100

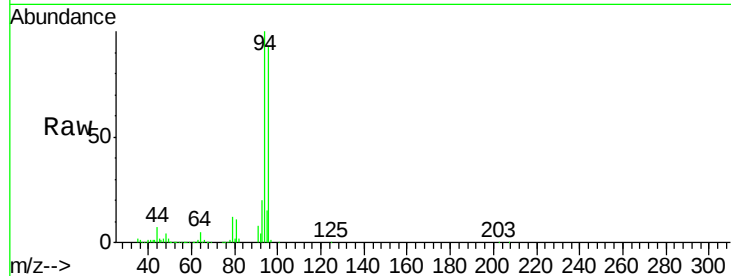
96 92.7 73.9 110.9

Manual Integrations

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3/1/2019 10:04:21 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

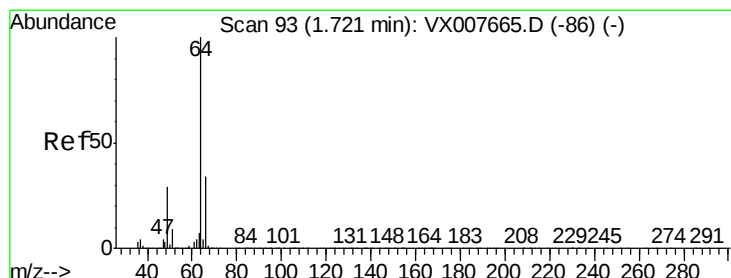
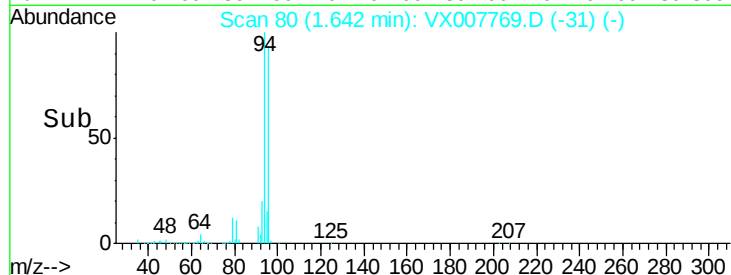
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 19.313 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007769.D

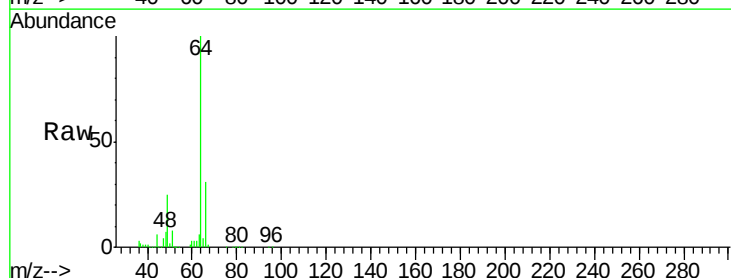
Acq: 28 Feb 2019 16:25

Tgt Ion: 64 Resp: 37367

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

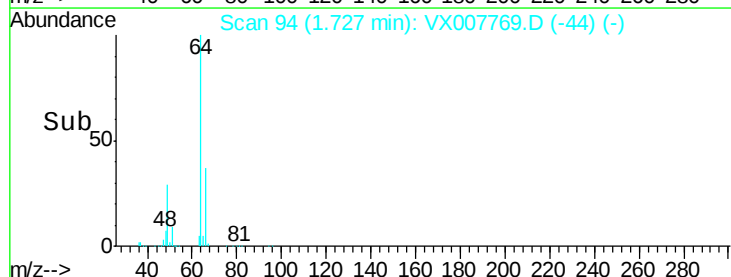
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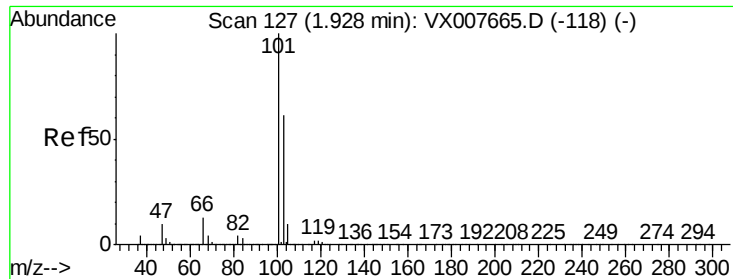
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10000

0

Time-->





#7

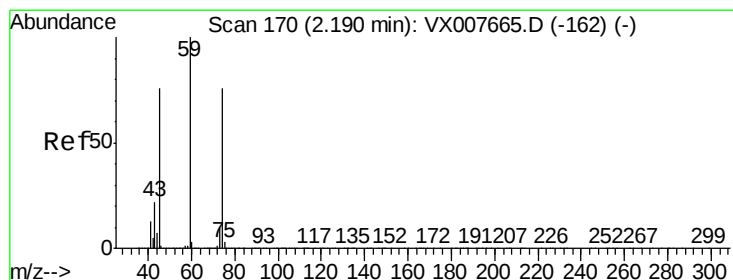
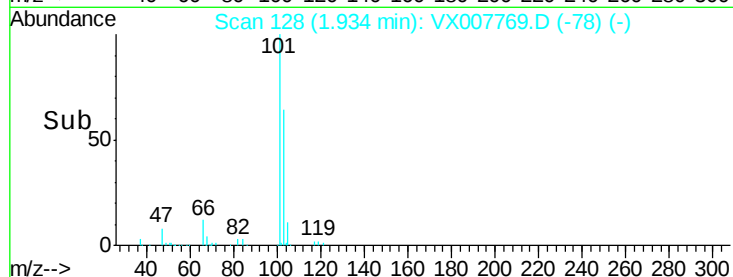
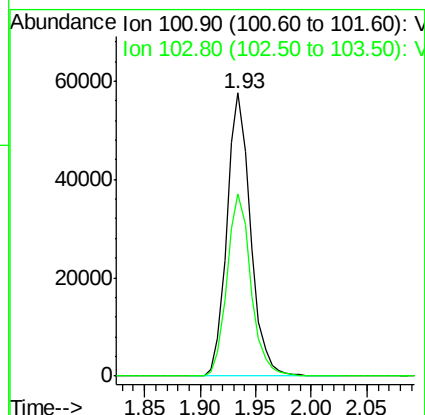
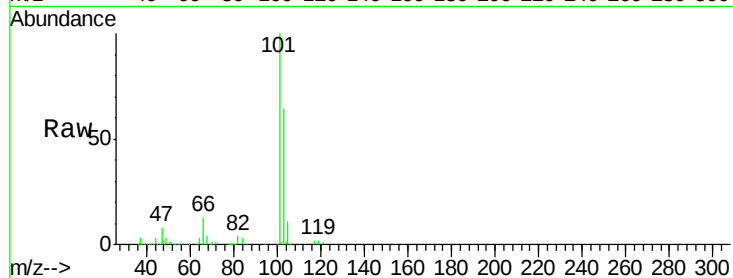
Trichlorofluoromethane
Concen: 18.249 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
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ClientSampleId :
VX0228WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.5	52.6	79.0	

Manual Integrations
APPROVED

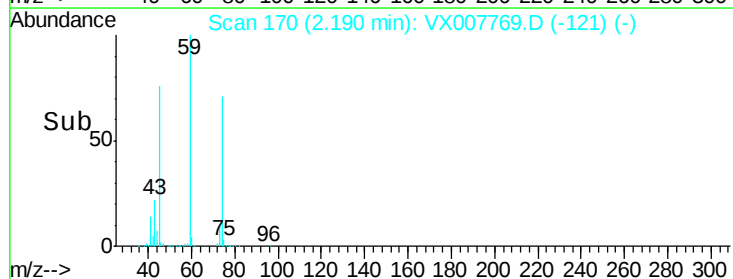
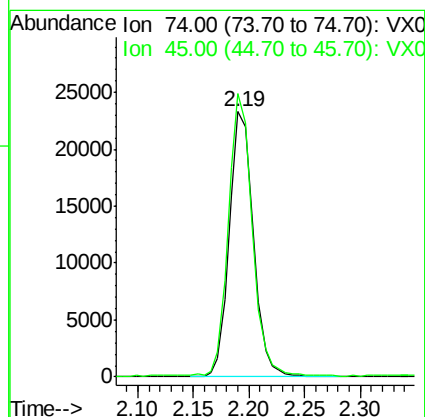
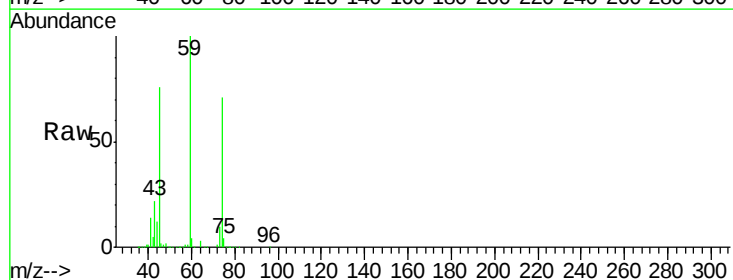
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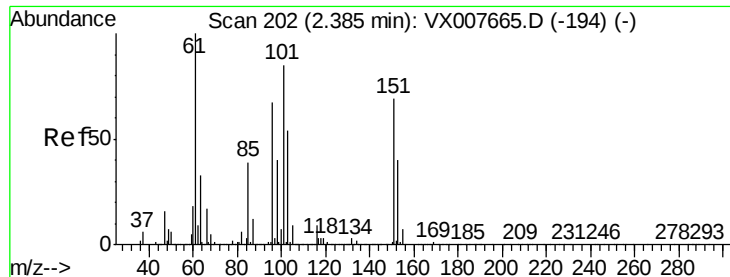


#8

Diethyl Ether
Concen: 18.393 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	104.5	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.220 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

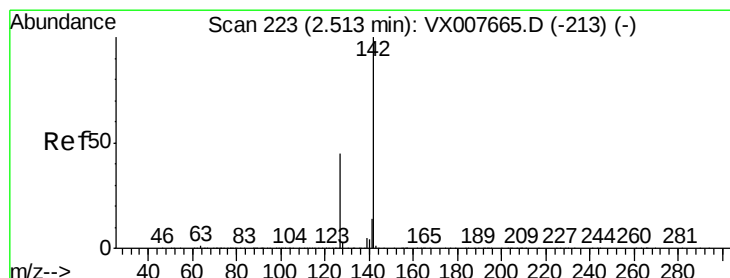
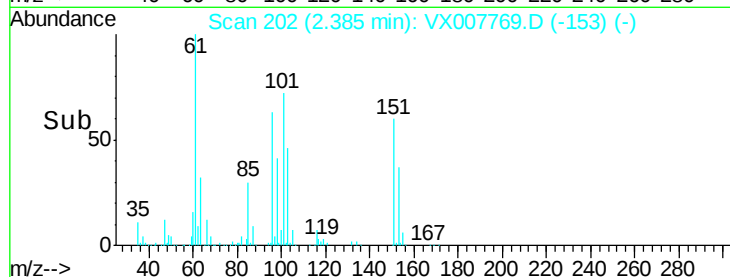
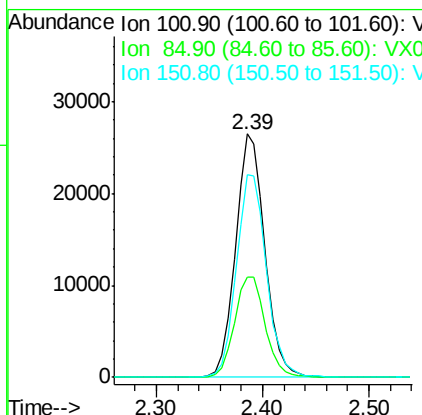
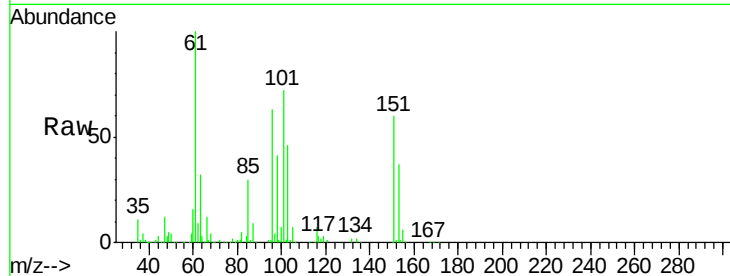
ClientSampled :

VX0228WBSD01

Tot Ion:	101	Resp:	51127
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.1	51.1
151	85.4	69.9	104.9

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#10

Methyl Iodide

Concen: 19.567 ug/l

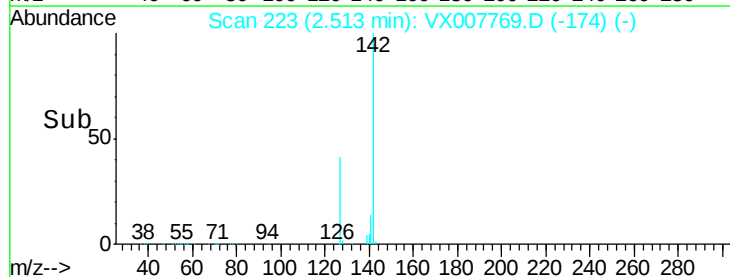
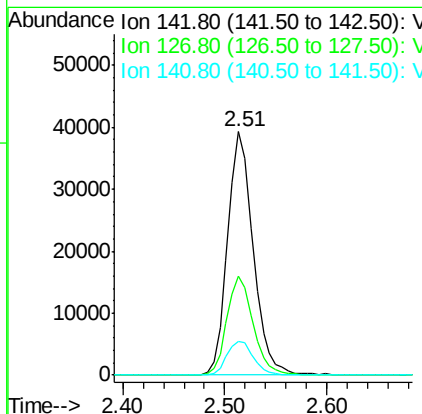
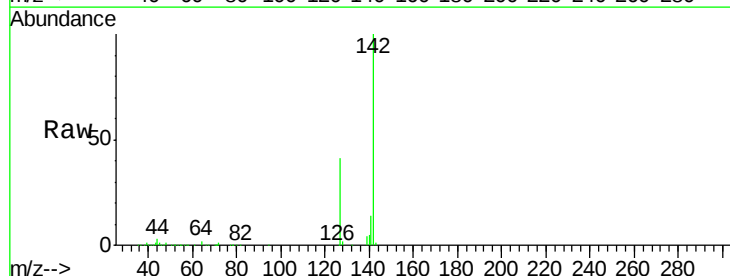
RT: 2.51 min Scan# 223

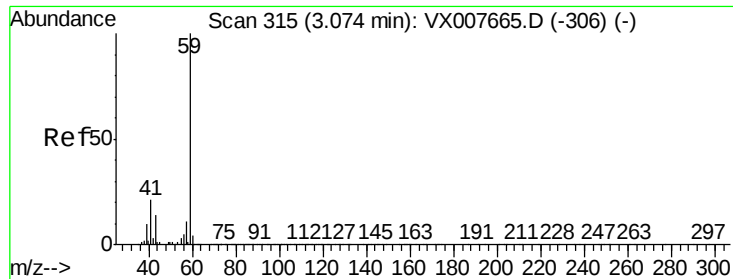
Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	142	Resp:	68369
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.7	50.5
141	14.4	11.3	16.9





#11

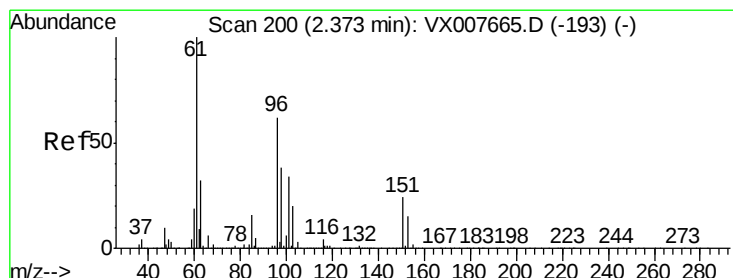
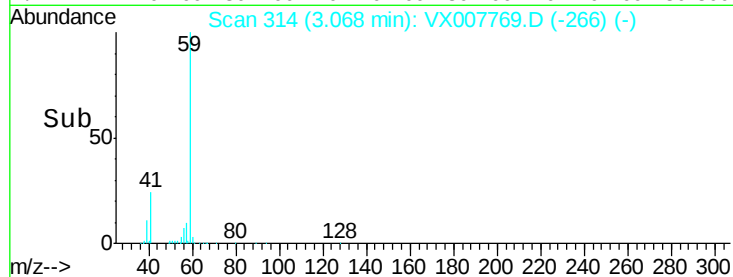
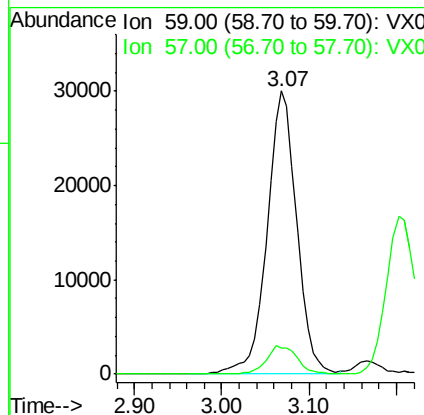
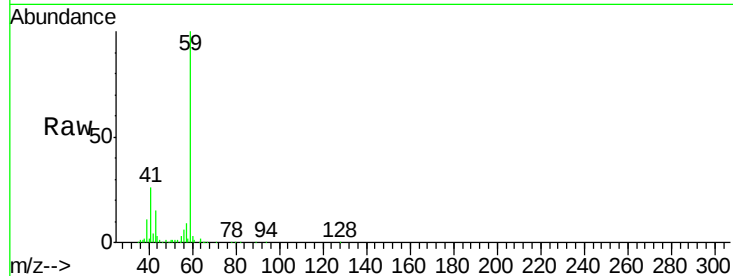
Tert butyl alcohol
Concen: 103.789 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

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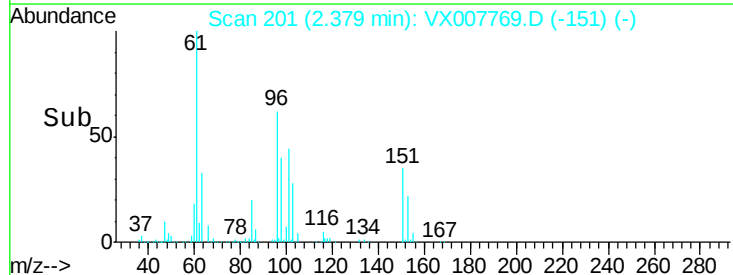
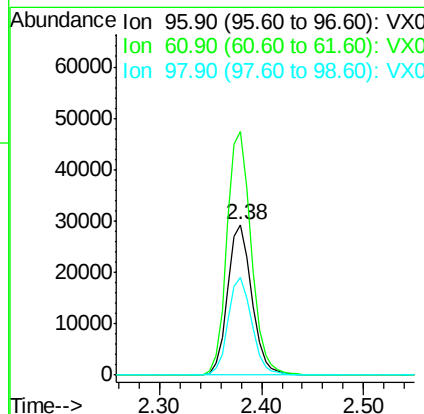
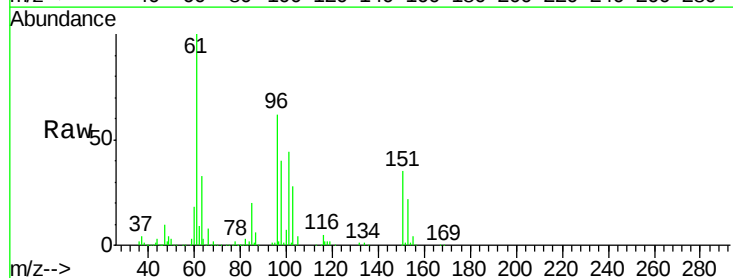
MMDadoda
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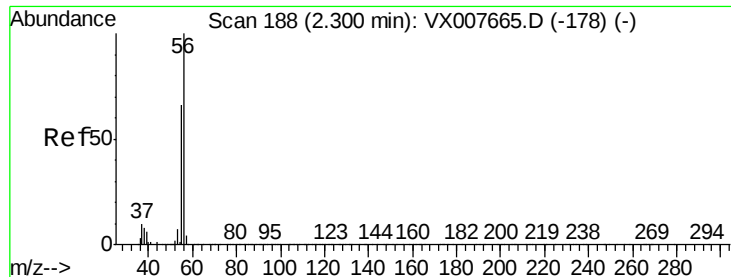


#12

1,1-Dichloroethene
Concen: 19.015 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.6	123.0	184.4
98	65.0	50.9	76.3





#13

Acrolein

Concen: 65.217 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 56 Resp: 39385

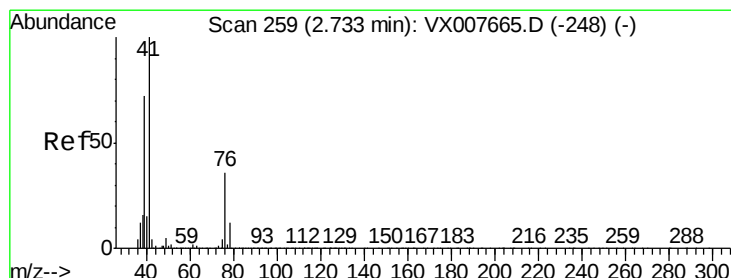
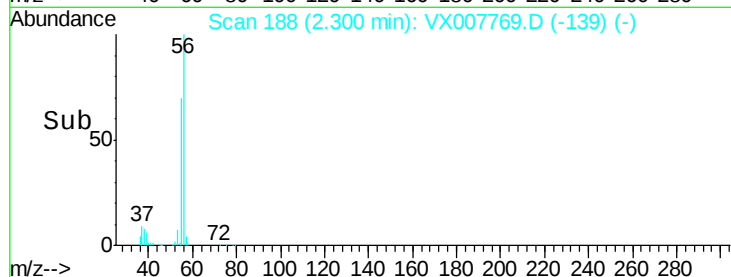
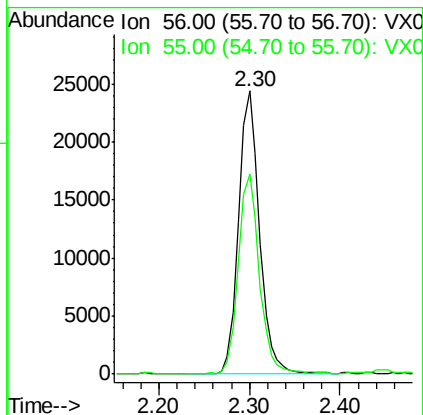
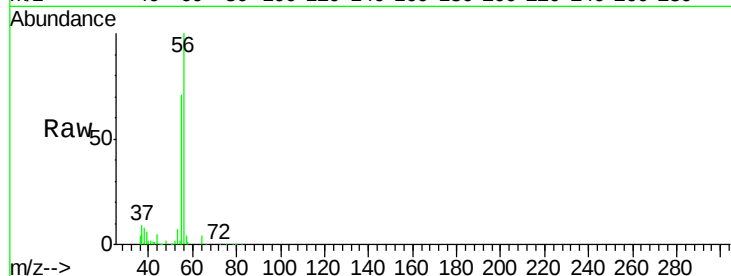
Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3

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#14

Allyl chloride

Concen: 20.949 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

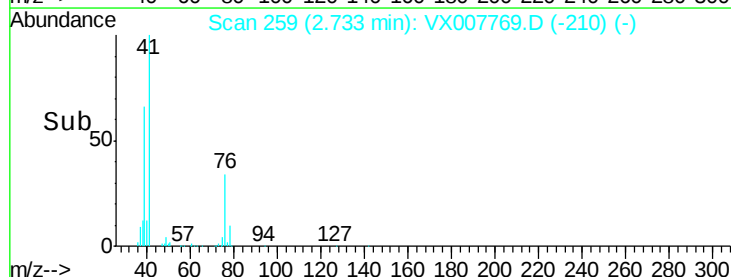
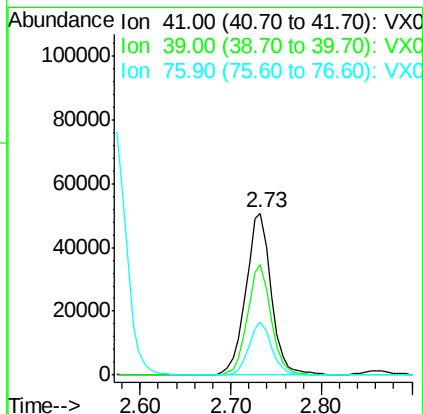
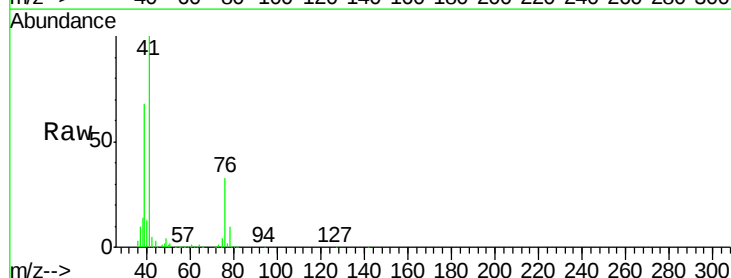
Tgt Ion: 41 Resp: 97977

Ion Ratio Lower Upper

41 100

39 63.5 54.1 81.1

76 29.7 27.8 41.8





#15

Acrylonitrile

Concen: 103.367 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

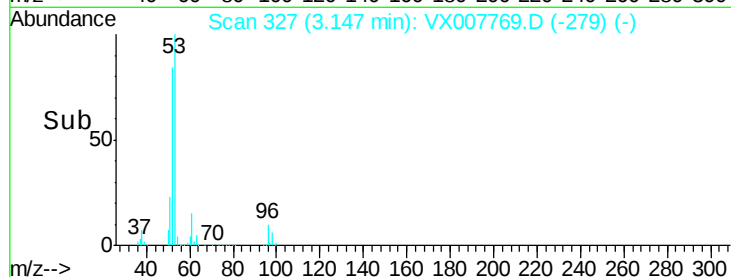
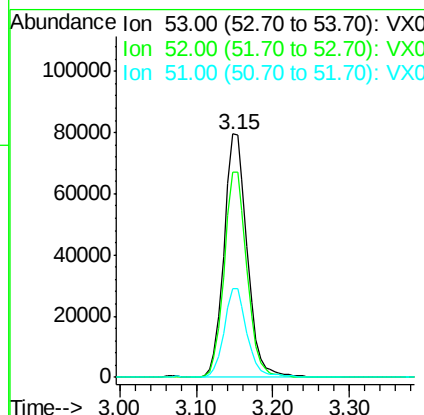
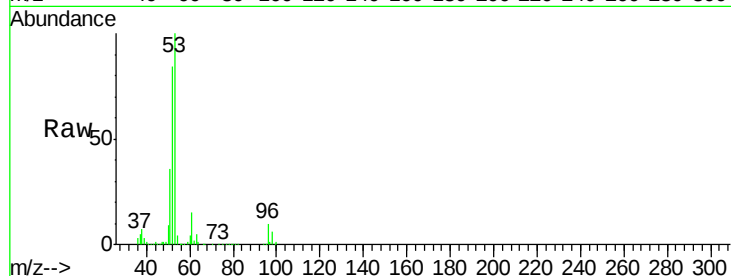
ClientSampleId :

VX0228WBSD01

Tot Ion:	53	Resp:	165316
Ion Ratio		Lower	Upper
53	100		
52	83.9	66.4	99.6
51	36.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 104.238 ug/l

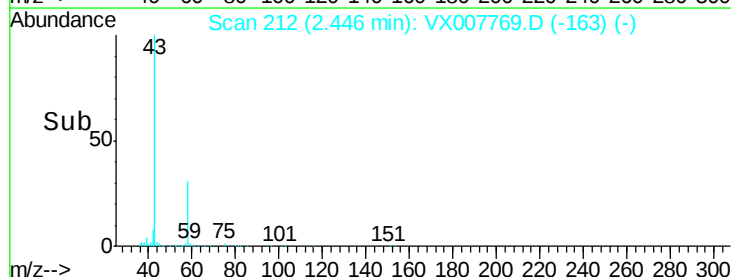
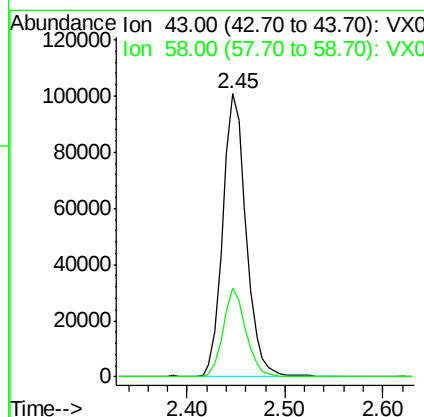
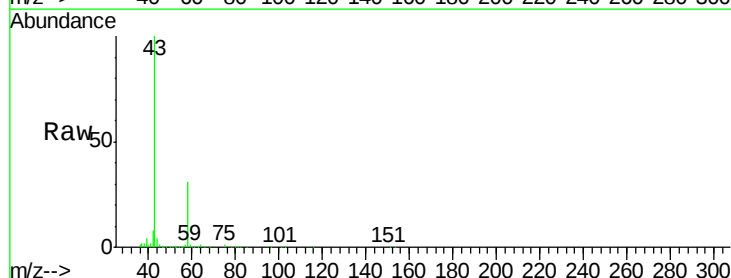
RT: 2.45 min Scan# 212

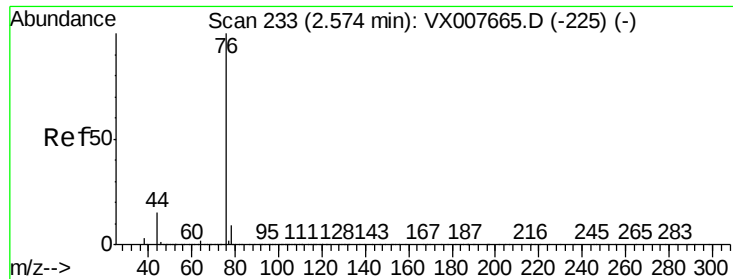
Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	43	Resp:	166035
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.9	37.3





#17

Carbon Disulfide

Concen: 18.123 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 76 Resp: 127530

Ion Ratio Lower Upper

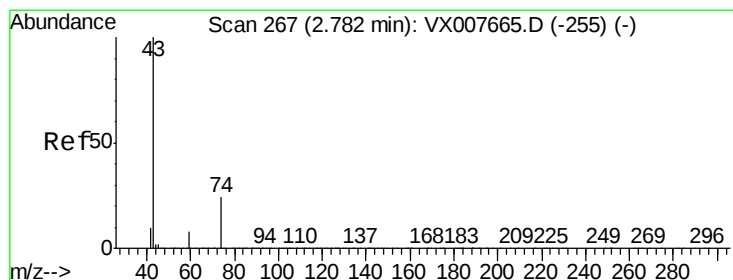
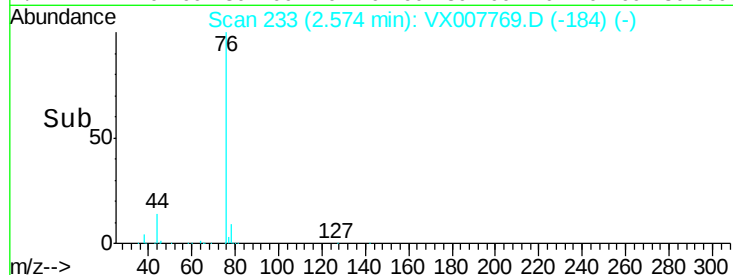
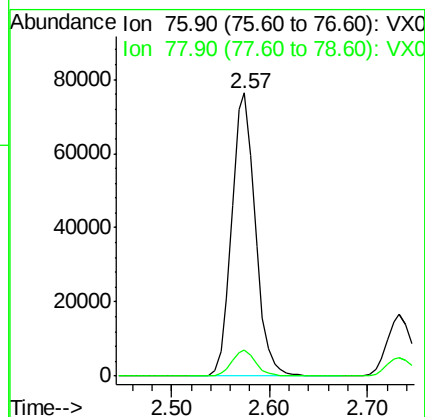
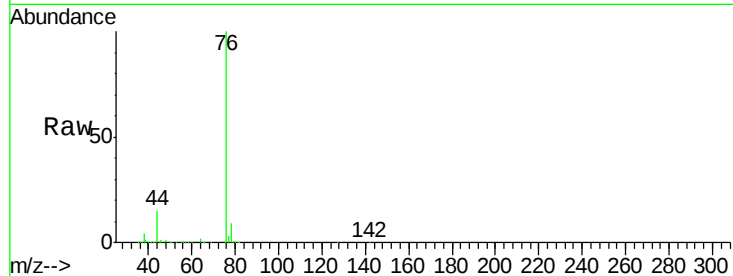
76 100

78 9.1 7.1 10.7

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#18

Methyl Acetate

Concen: 22.480 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007769.D

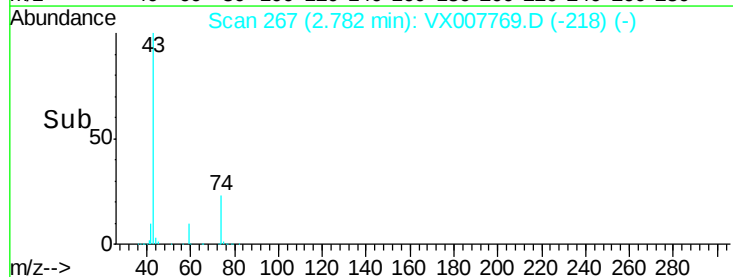
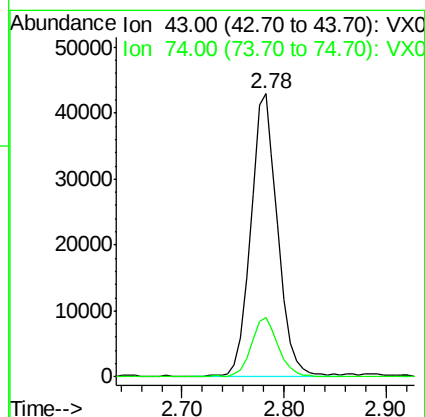
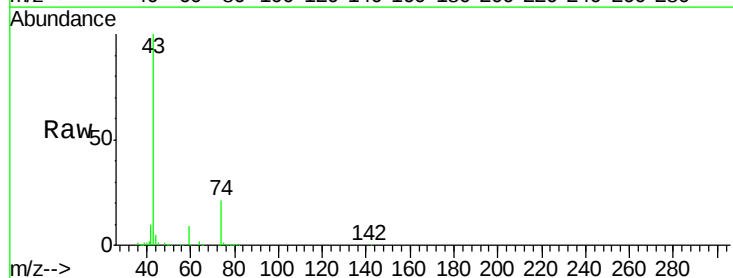
Acq: 28 Feb 2019 16:25

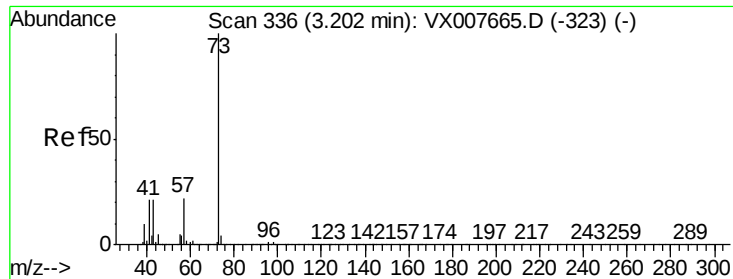
Tgt Ion: 43 Resp: 78134

Ion Ratio Lower Upper

43 100

74 21.5 19.4 29.2





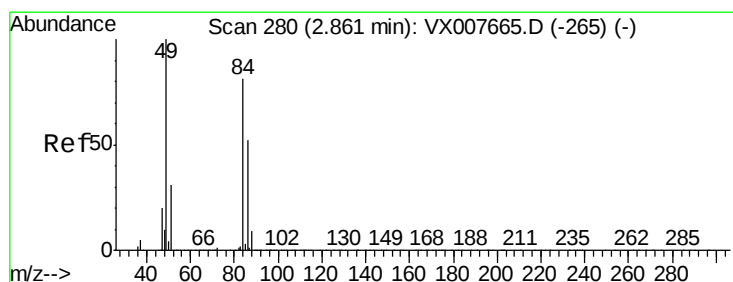
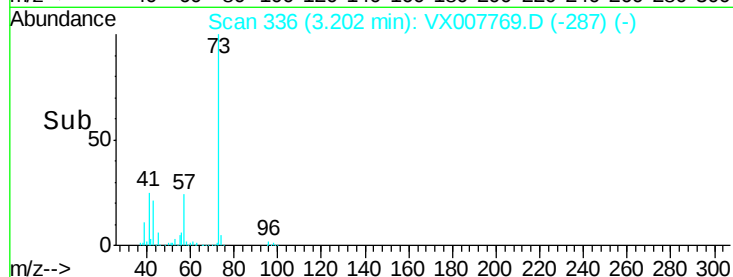
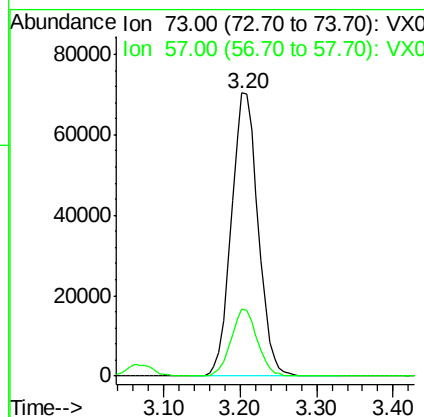
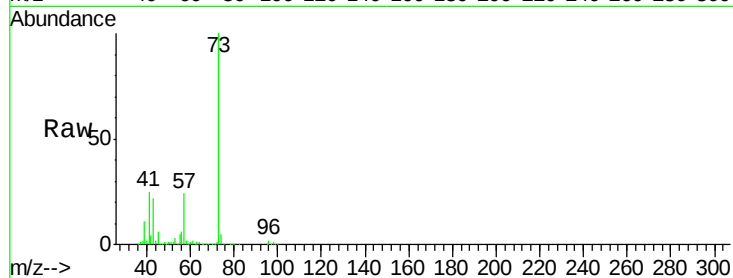
#19
Methvl tert-butvl Ether
Concen: 19.295 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.8	17.8	26.8

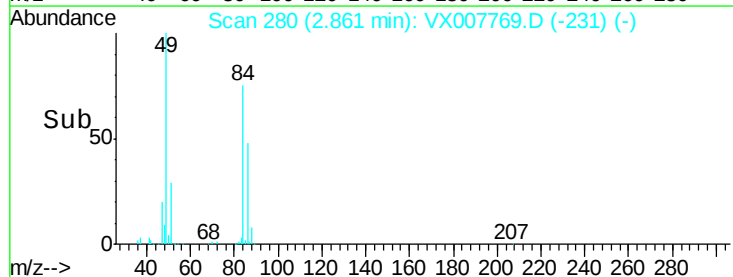
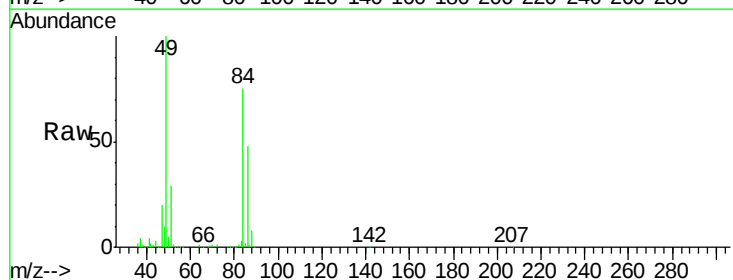
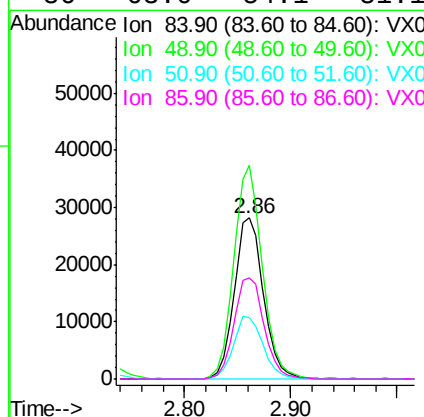
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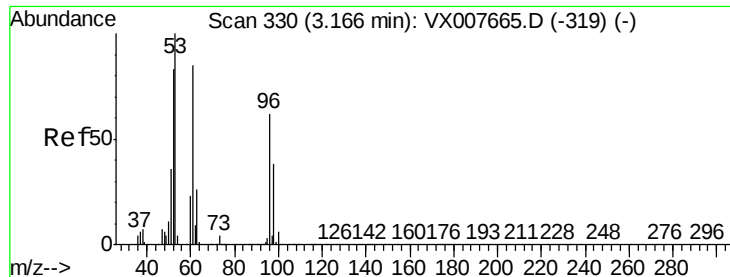
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#20
Methylene Chloride
Concen: 18.492 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.5	94.8	142.2
51	38.3	29.8	44.8
86	63.0	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 18.348 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

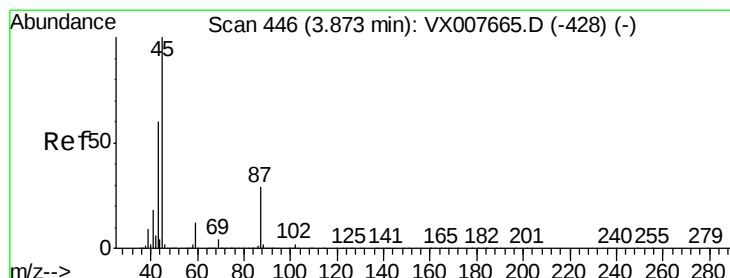
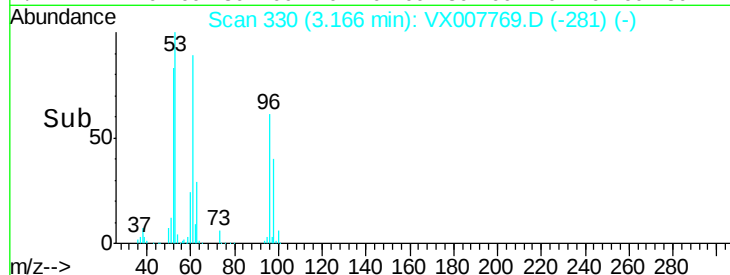
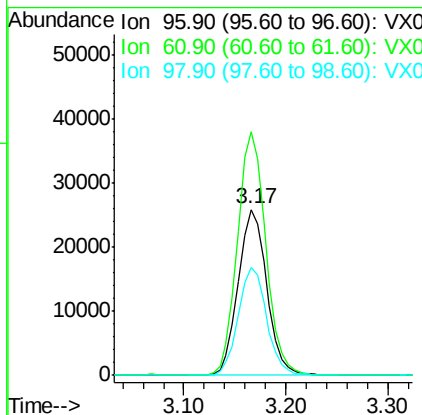
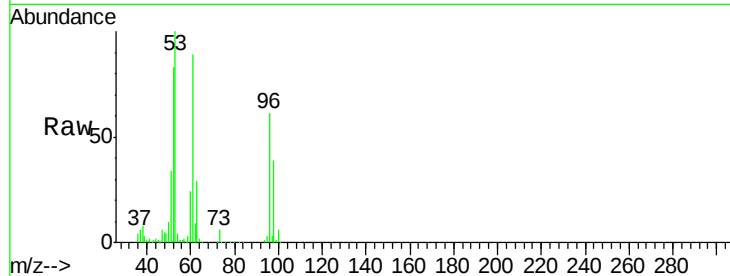
ClientSampleId :

VX0228WBSD01

Tot Ion:	96	Resp:	50452
Ion Ratio	Lower	Upper	
96	100		
61	146.9	104.6	156.8
98	65.0	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.501 ug/l

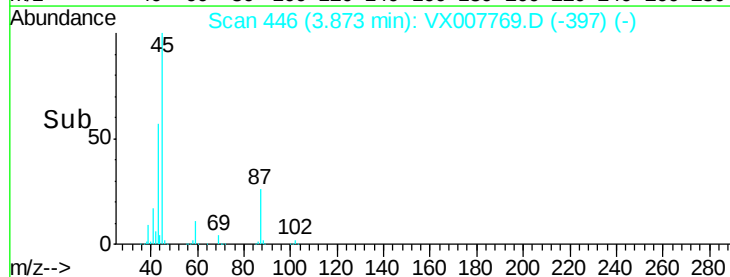
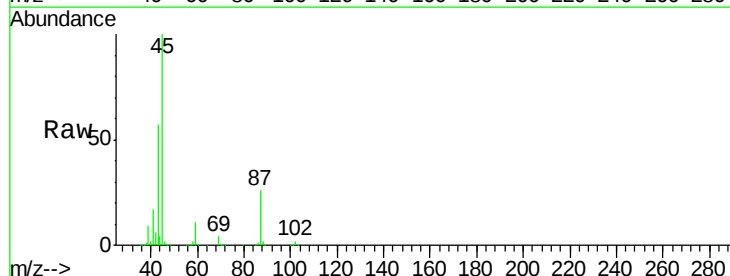
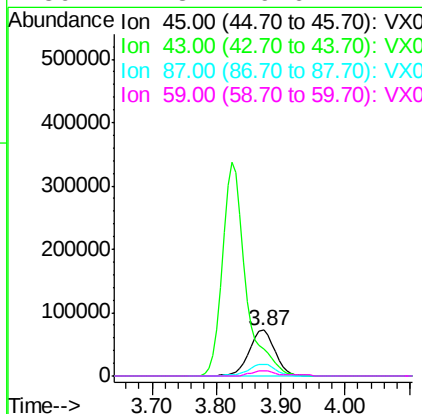
RT: 3.87 min Scan# 446

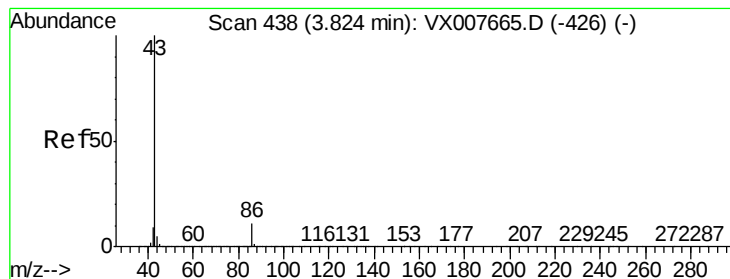
Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	45	Resp:	199598
Ion Ratio	Lower	Upper	
45	100		
43	57.2	48.9	73.3
87	26.2	23.9	35.9
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 100.496 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 43 Resp: 858426

Ion Ratio Lower Upper

43 100

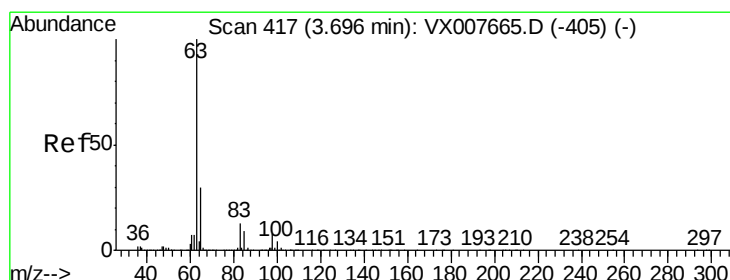
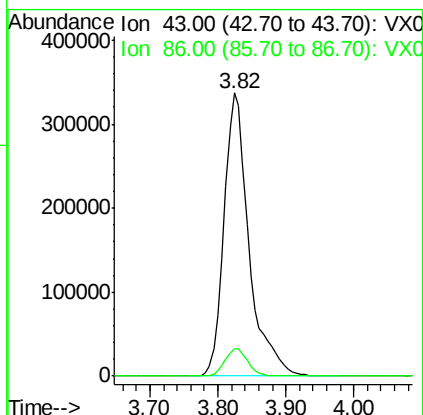
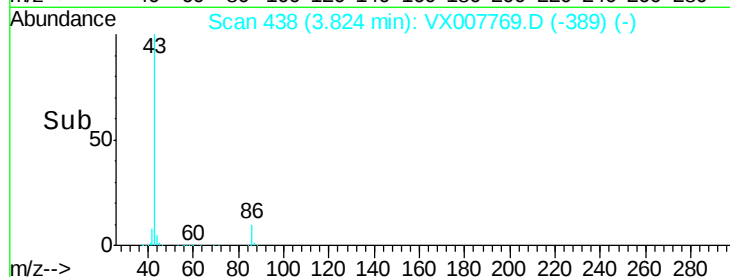
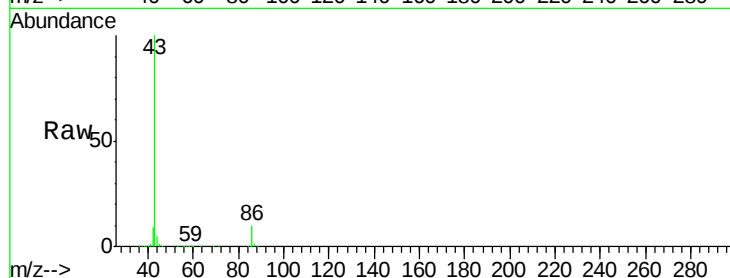
86 9.8 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.844 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

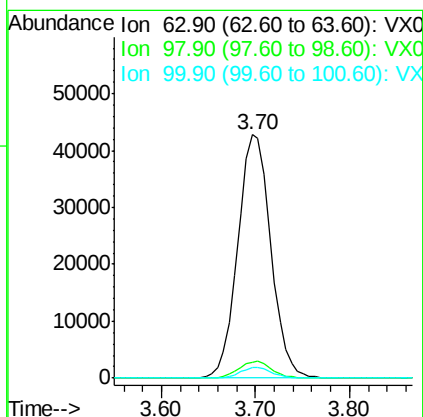
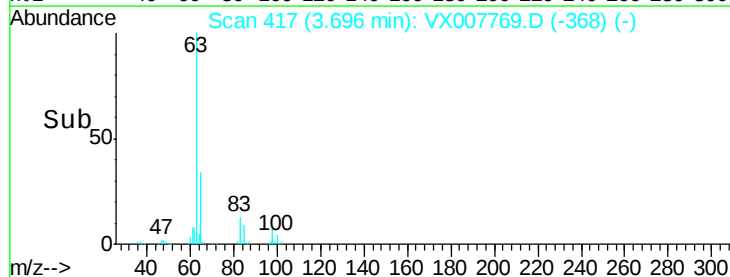
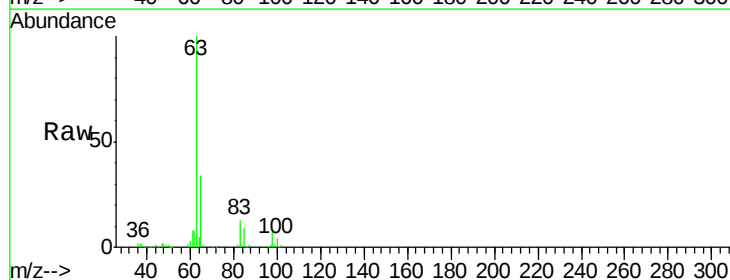
Tgt Ion: 63 Resp: 105001

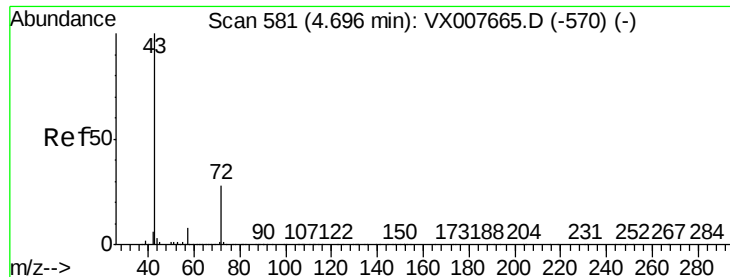
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 106.709 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 43 Resp: 258912

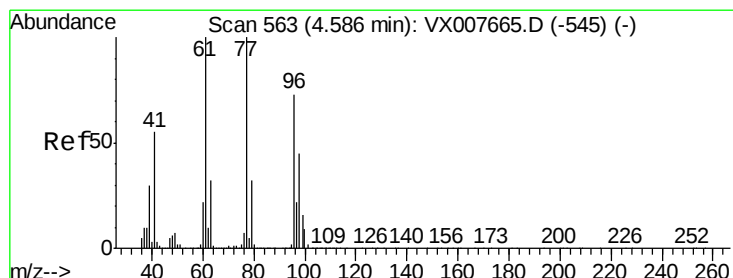
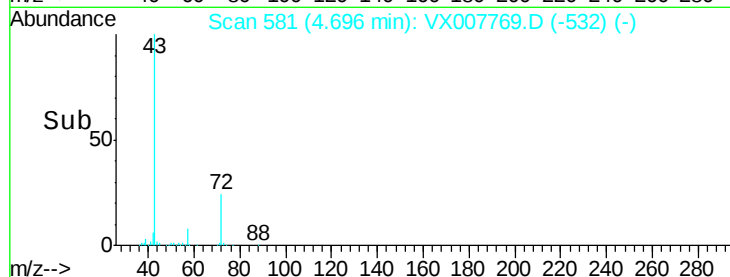
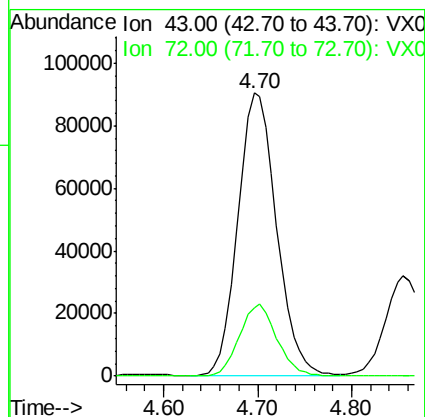
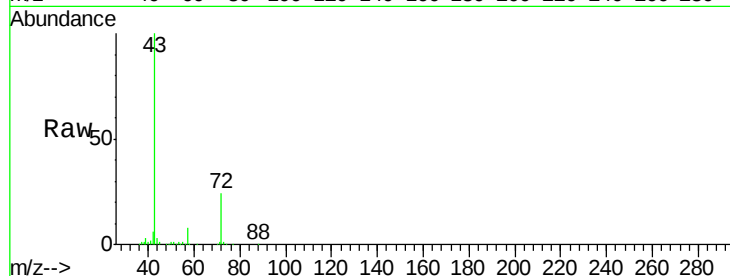
Ion Ratio Lower Upper

43 100

72 24.0 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.627 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007769.D

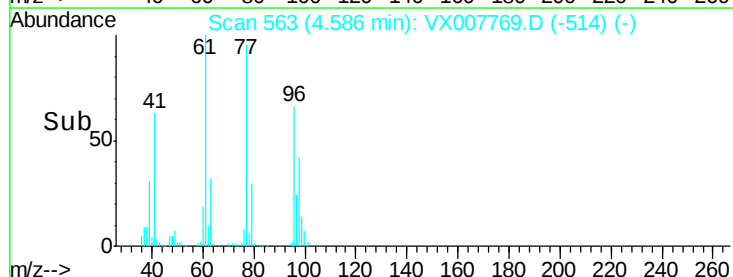
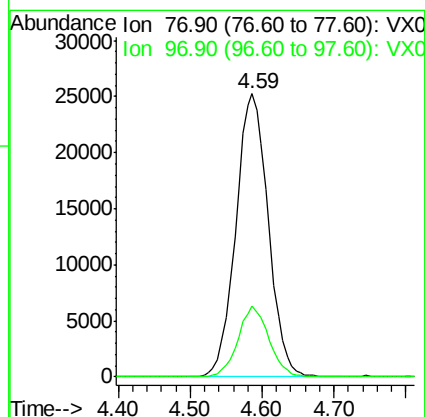
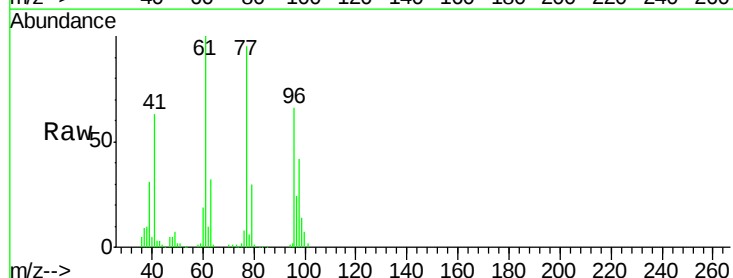
Acq: 28 Feb 2019 16:25

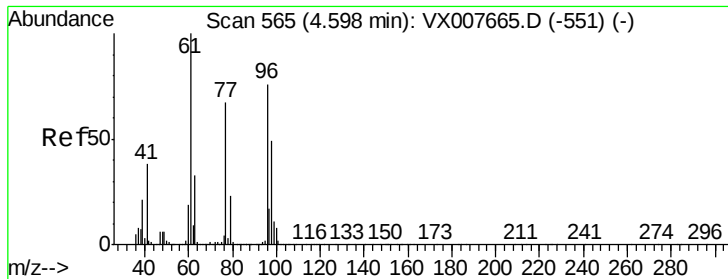
Tgt Ion: 77 Resp: 78676

Ion Ratio Lower Upper

77 100

97 23.9 12.1 36.3





#27

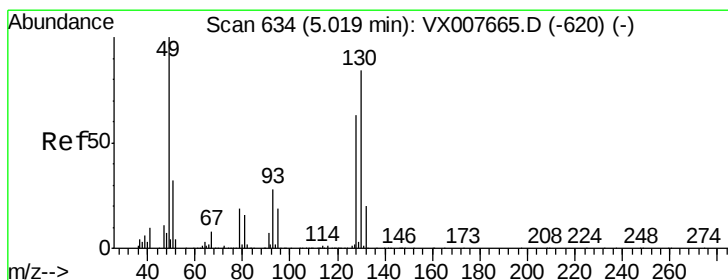
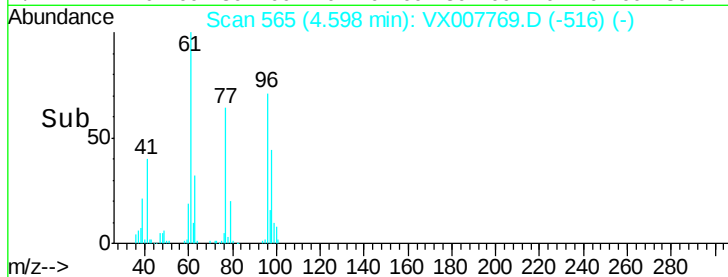
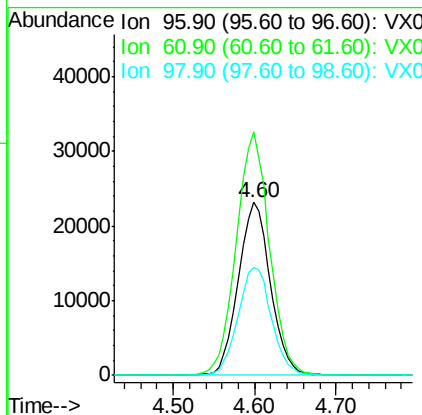
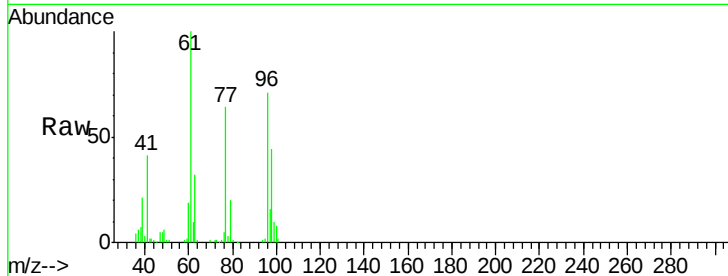
cis-1,2-Dichloroethene
Concen: 18.077 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	265.6
98	65.2	0.0	131.6

Manual Integrations
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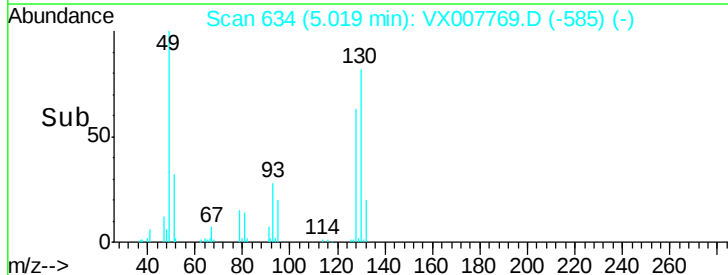
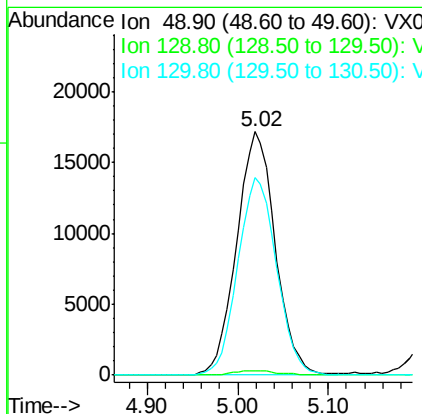
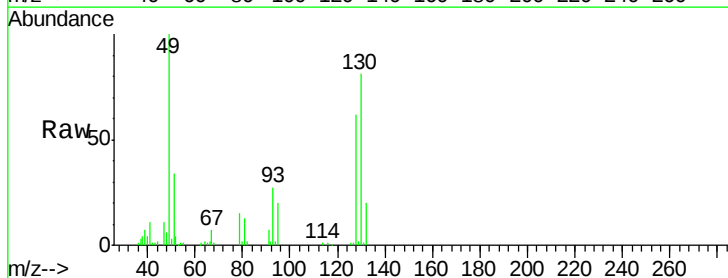
MMDadoda
3/1/2019 10:04:21 AM

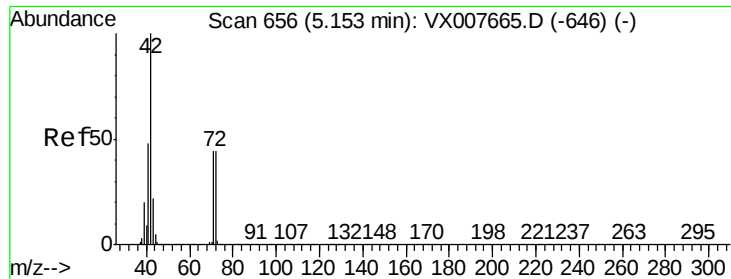


#28

Bromochloromethane
Concen: 19.717 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	81.2	75.6	113.4





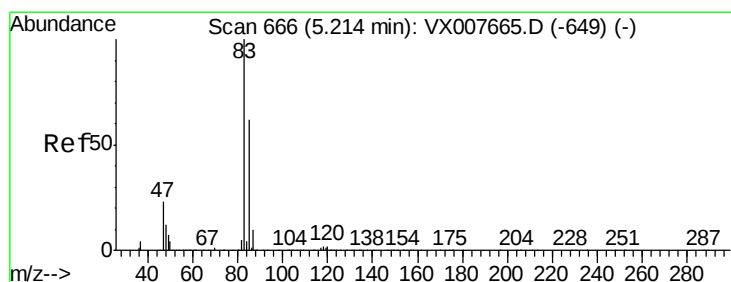
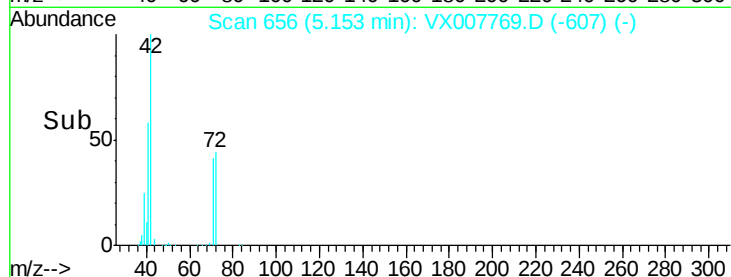
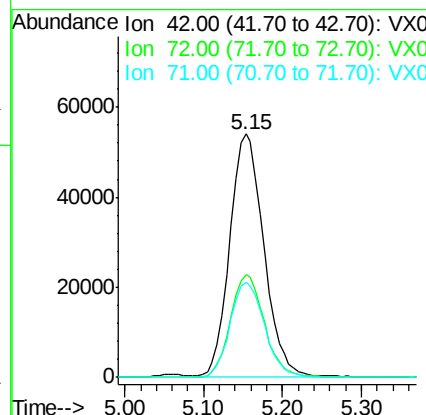
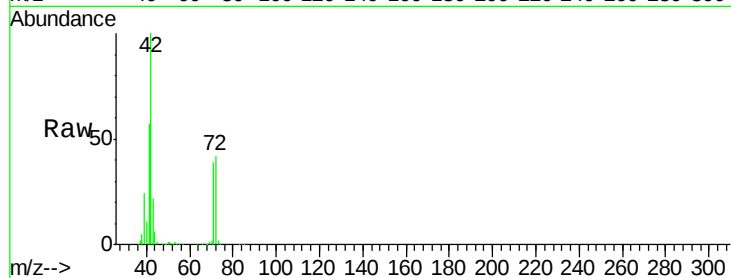
#29
Tetrahydrofuran
Concen: 100.647 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	160972		
72	42.5		37.6	56.4
71	39.9		34.6	51.8

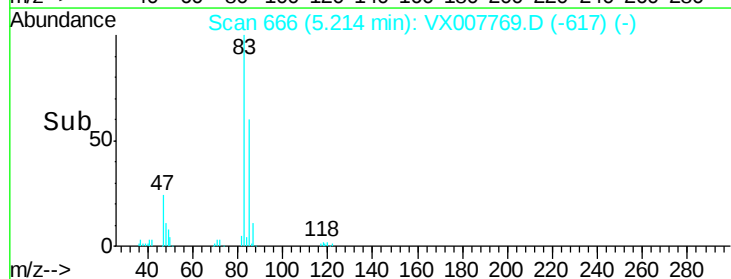
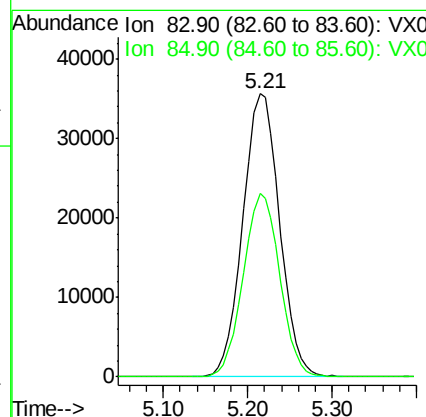
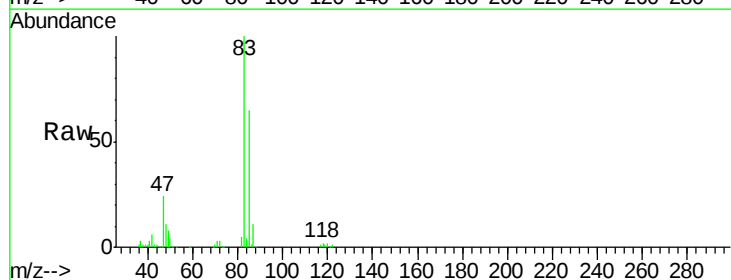
Manual Integrations
APPROVED

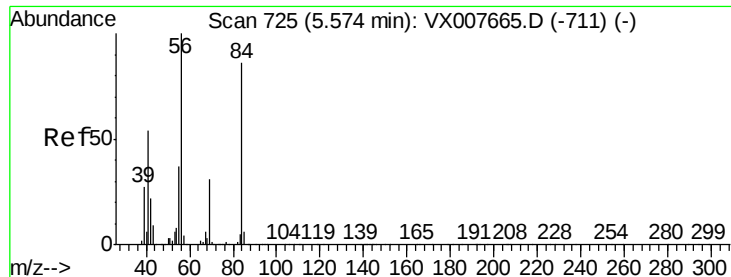
MMDadoda
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#30
Chloroform
Concen: 18.598 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	105410		
85	64.8		51.6	77.4





#31

Cyclohexane

Concen: 19.131 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

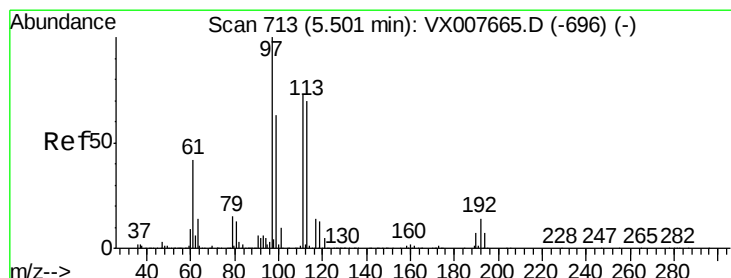
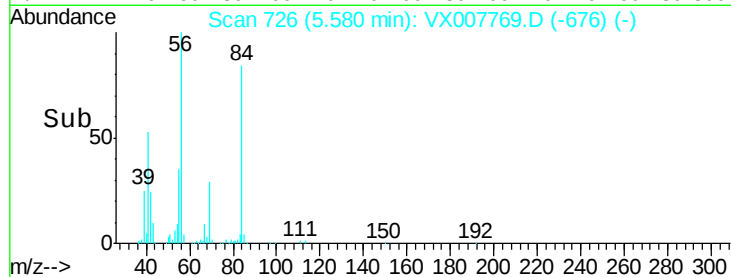
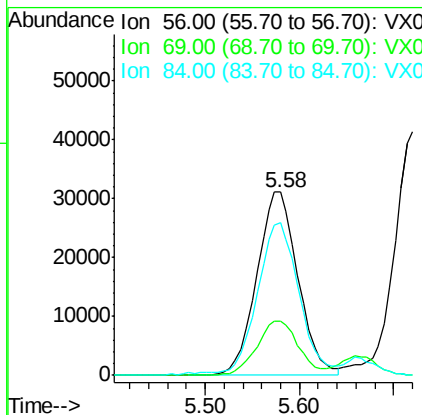
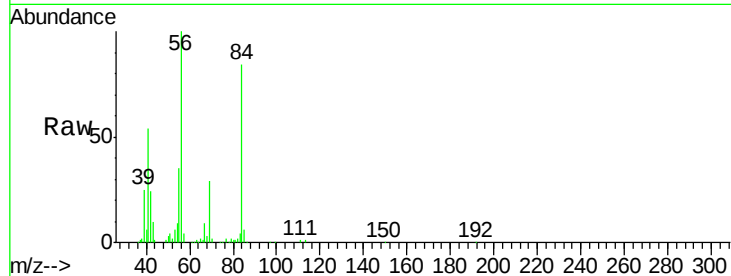
ClientSampleId :

VX0228WBSD01

Tot Ion:	56	Resp:	95217
Ion Ratio	Lower	Upper	
56	100		
69	29.4	23.0	34.6
84	82.2	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.822 ug/l

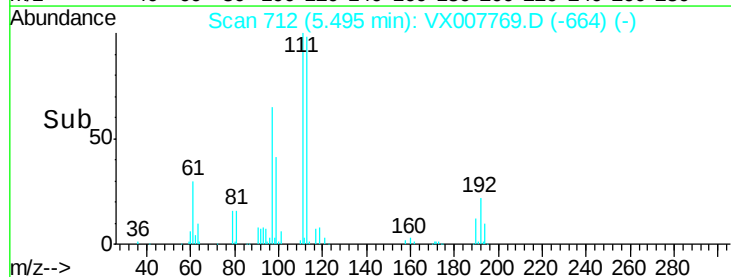
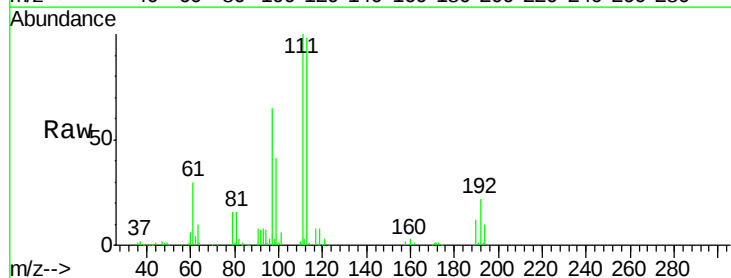
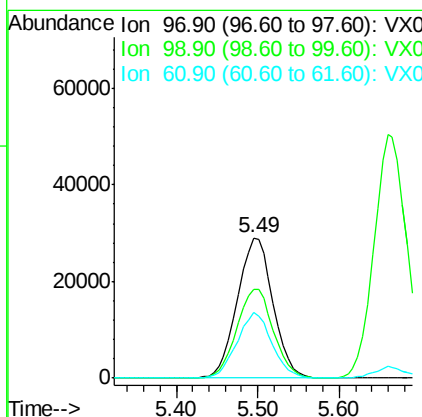
RT: 5.49 min Scan# 712

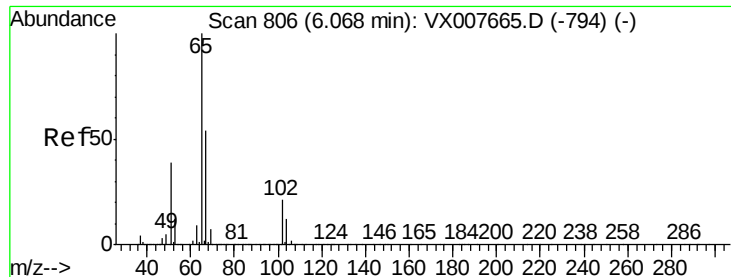
Delta R.T. -0.01 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	97	Resp:	88227
Ion Ratio	Lower	Upper	
97	100		
99	64.9	52.2	78.2
61	45.7	32.7	49.1





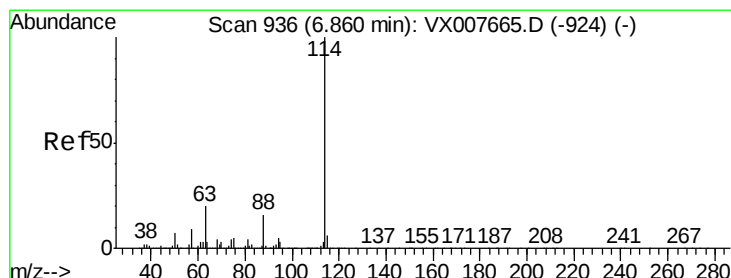
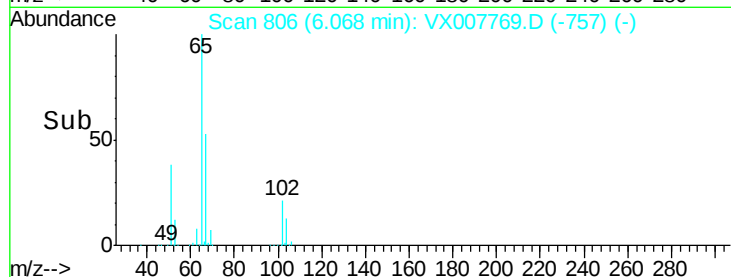
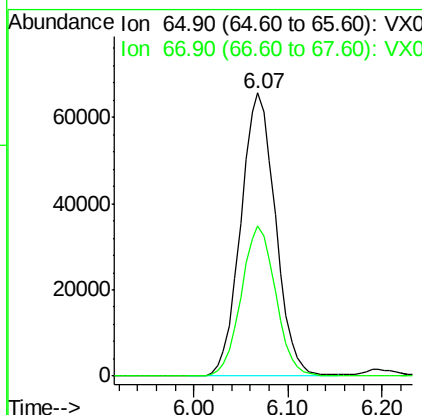
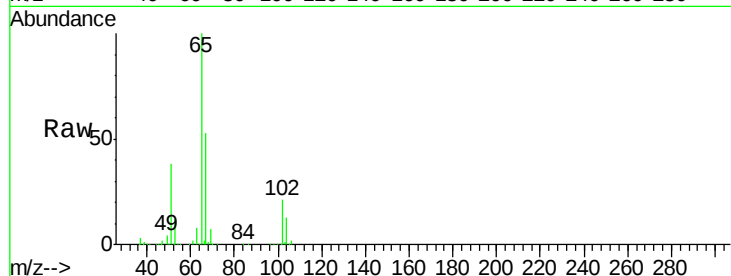
#33
 1,2-Dichloroethane-d4
 Concen: 46.982 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168282		
67	52.7	0.0	108.8	

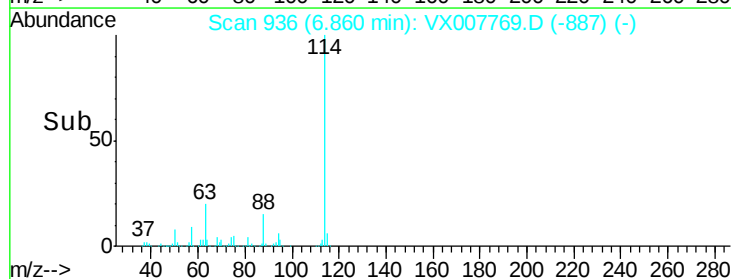
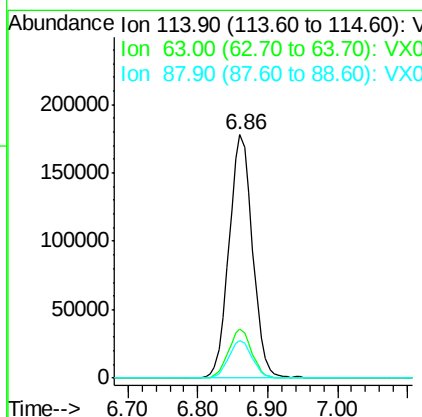
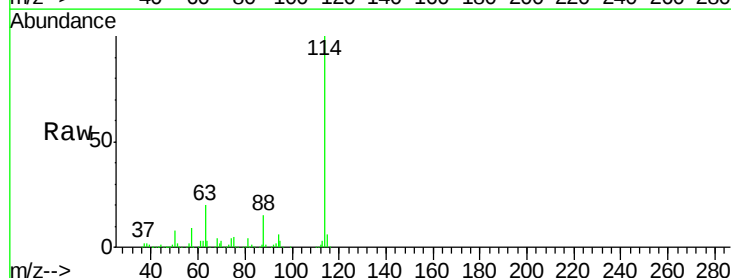
Manual Integrations
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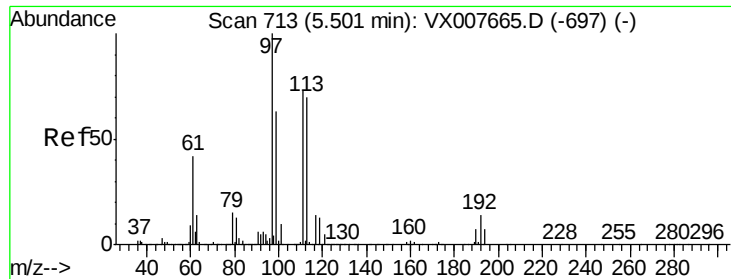
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	416182		
63	20.4	0.0	35.6	
88	15.3	0.0	29.6	





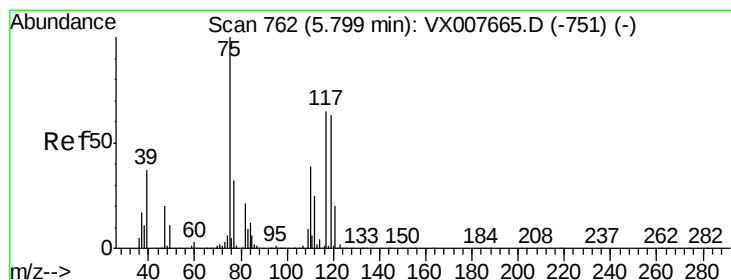
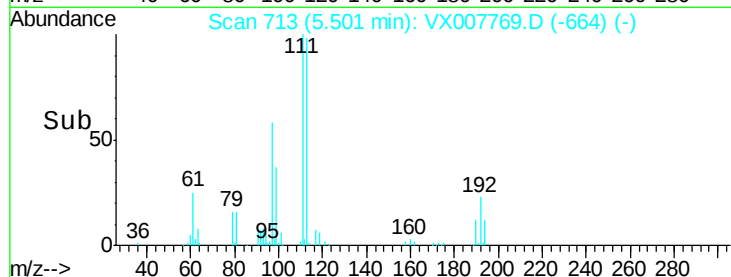
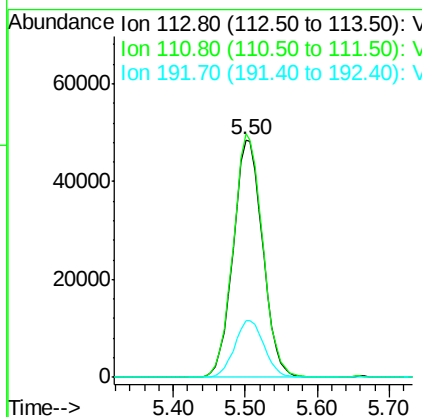
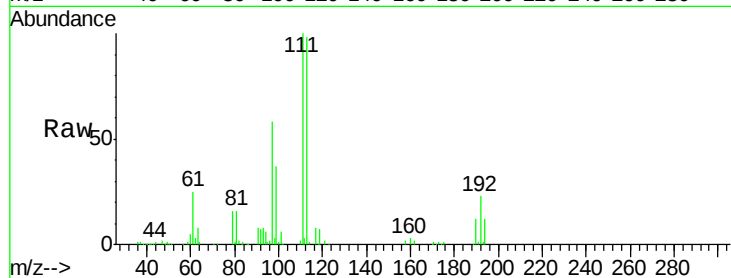
#35
 Dibromofluoromethane
 Concen: 49.690 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.9	81.8	122.8	
192	24.0	18.5	27.7	

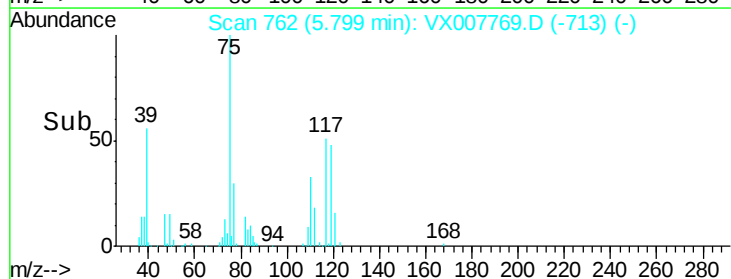
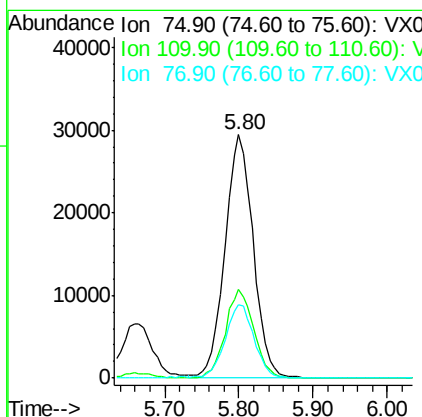
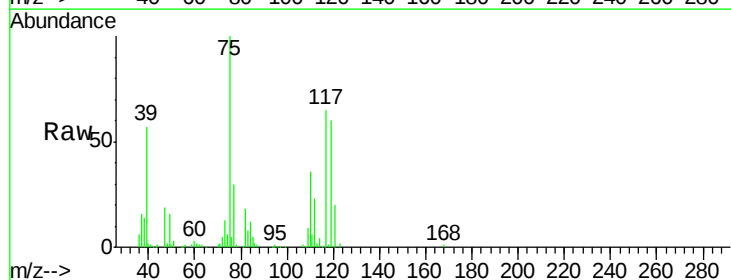
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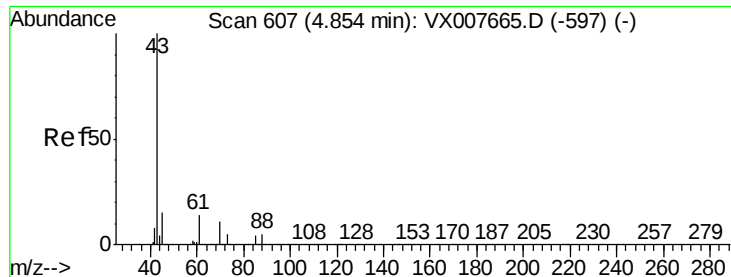
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#36
 1,1-Dichloropropene
 Concen: 20.891 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.5	20.0	59.9	
77	31.0	24.7	37.1	





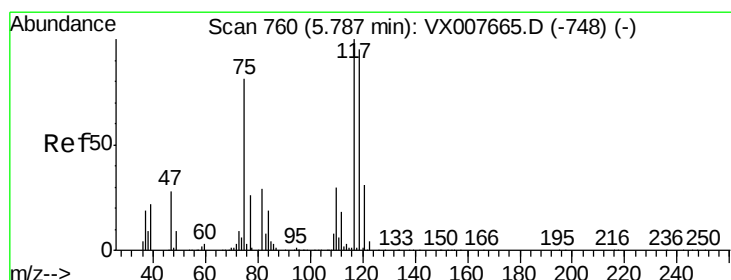
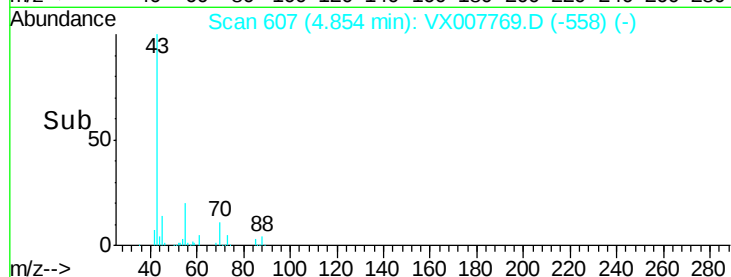
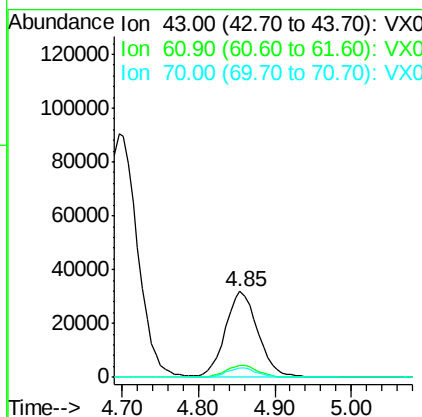
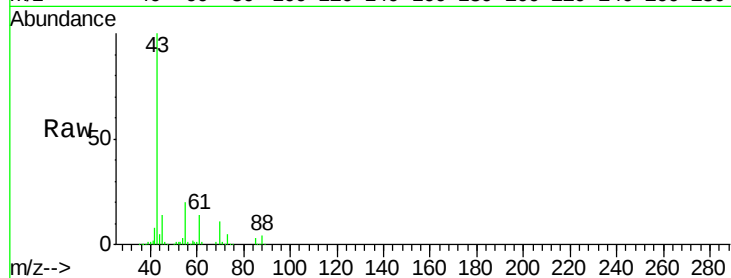
#37
Ethyl Acetate
Concen: 22.373 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion:	43	Resp:	92991
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.6	8.6	13.0

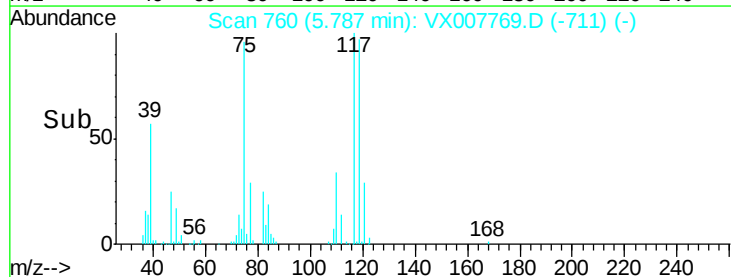
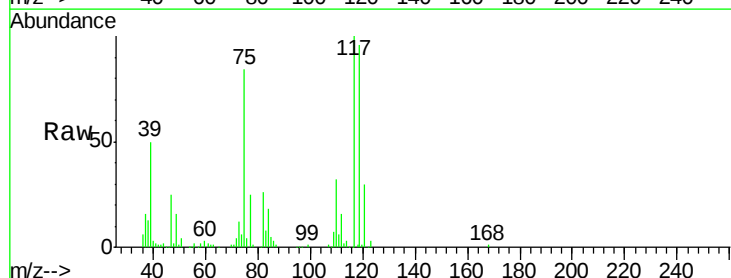
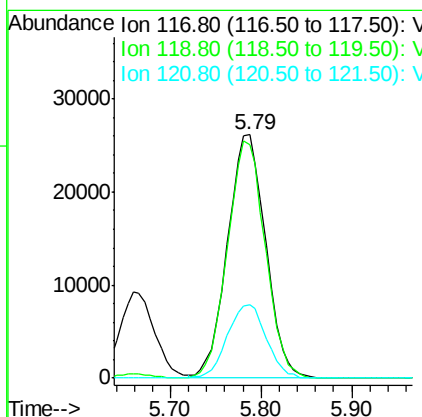
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#38
Carbon Tetrachloride
Concen: 20.335 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion:	117	Resp:	76429
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.3	112.9
121	30.0	25.0	37.4





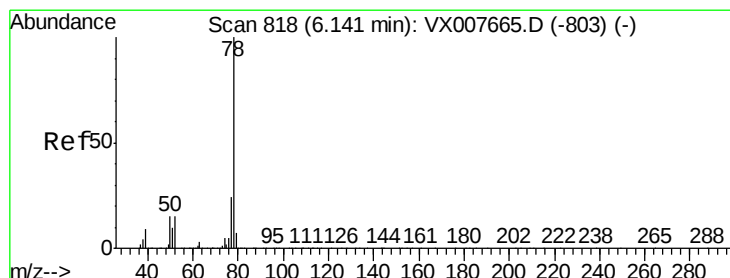
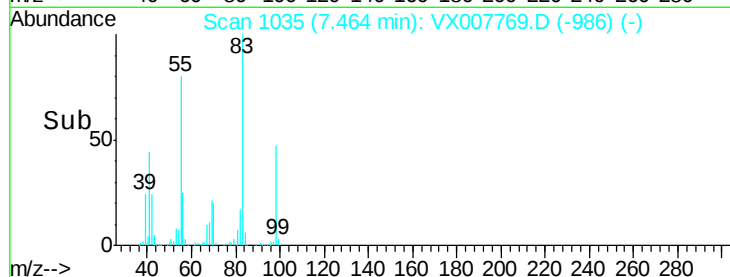
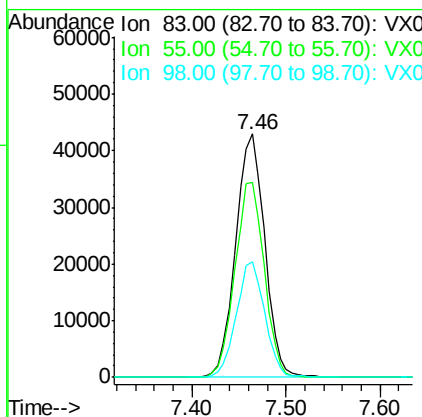
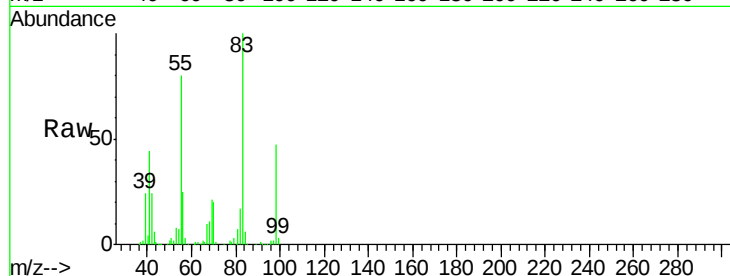
#39
Methvlcvclohexane
Concen: 19.533 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	92369		
55	80.1		56.2	84.2
98	47.4		36.8	55.2

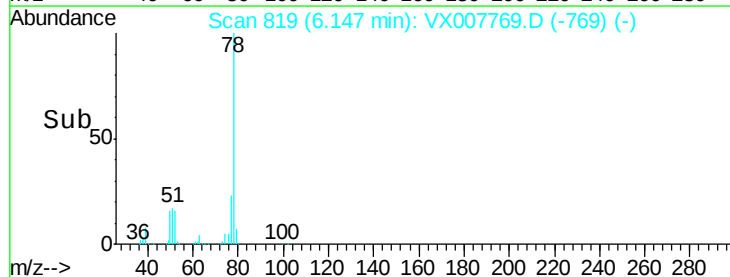
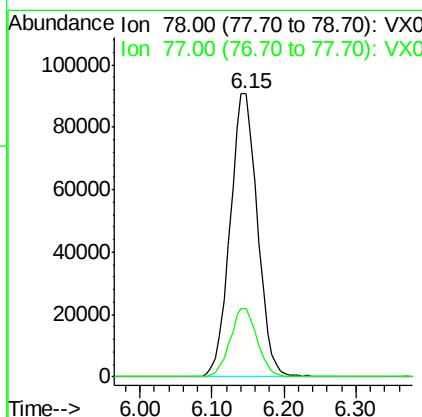
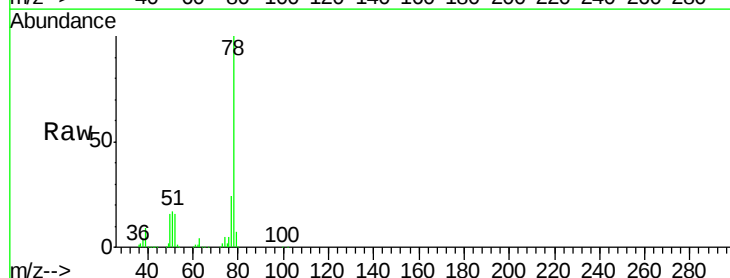
Manual Integrations
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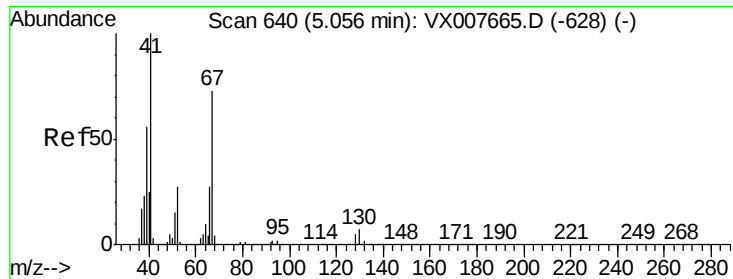
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#40
Benzene
Concen: 20.741 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	239560		
77	24.1		19.3	28.9





#41

Methacrylonitrile

Concen: 23.467 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

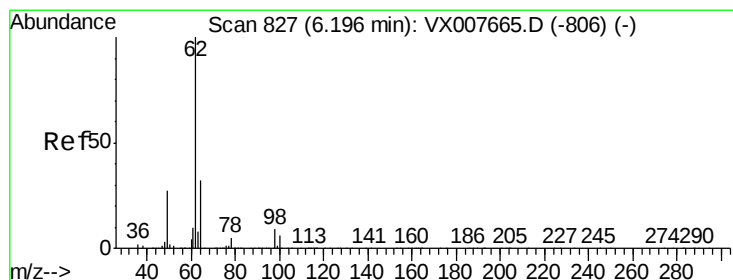
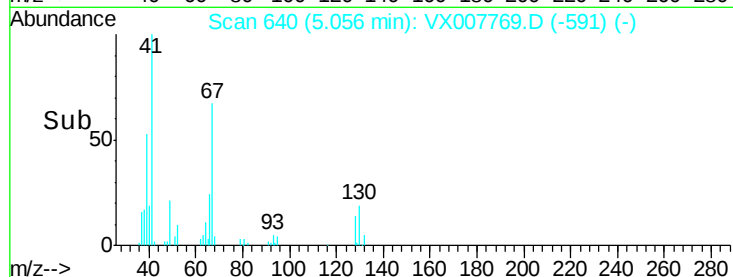
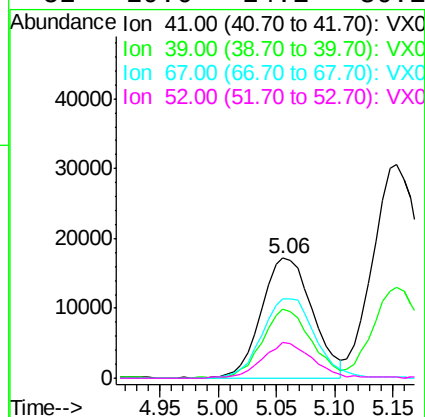
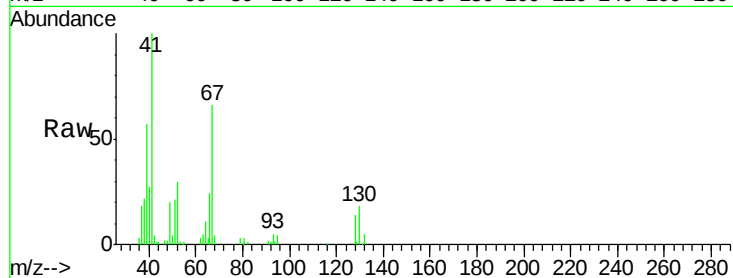
ClientSampleID :

VX0228WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	44.5	66.7	
67	69.2	60.4	90.6	
52	29.6	24.1	36.1	

Manual Integrations
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3/1/2019 10:04:21 AM



#42

1,2-Dichloroethane

Concen: 21.945 ug/l

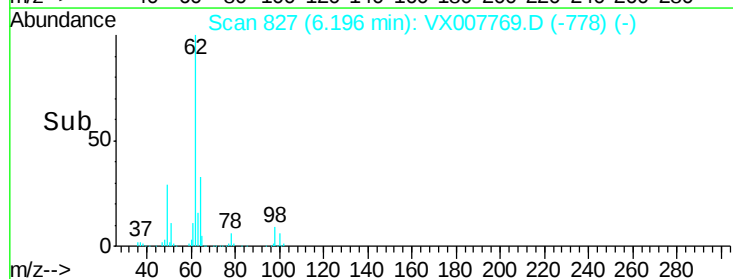
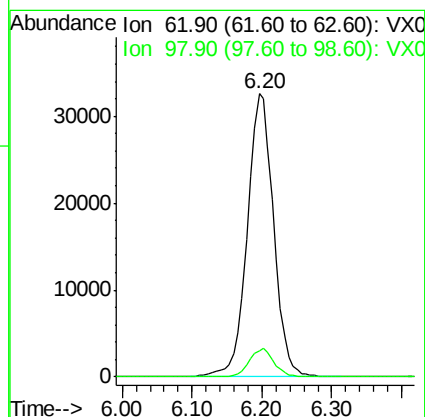
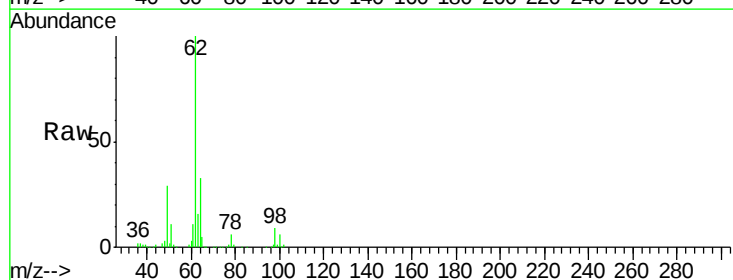
RT: 6.20 min Scan# 827

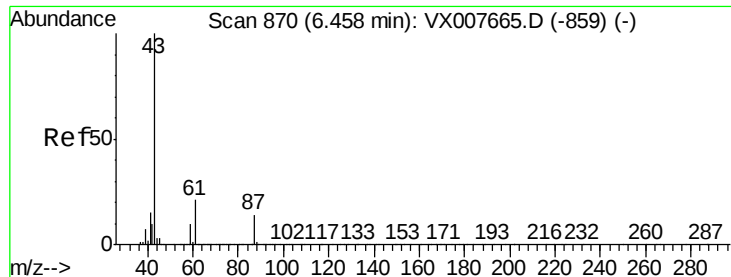
Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

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





#43

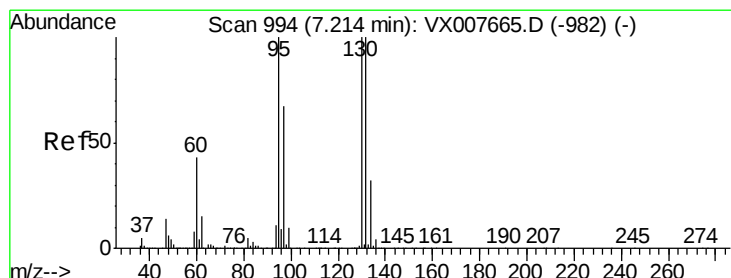
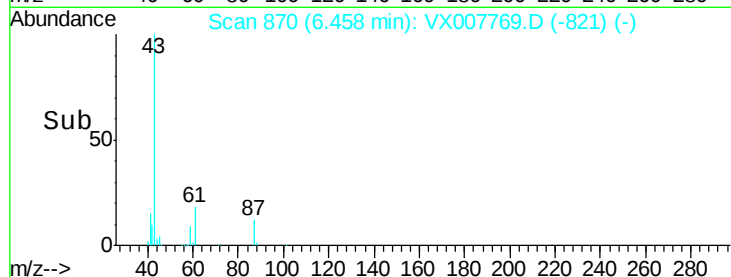
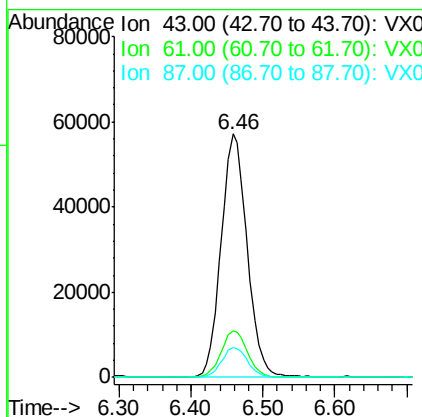
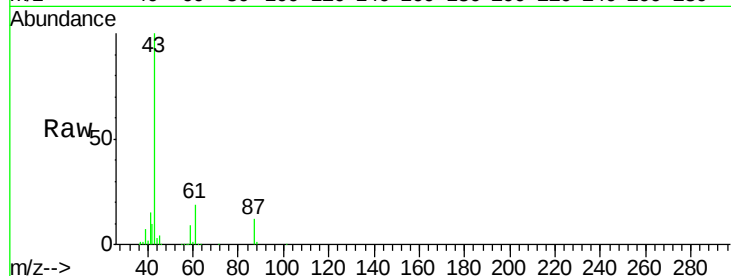
Isopropyl Acetate
 Concen: 22.365 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.1	24.1
87	12.4	11.5	17.3

Manual Integrations
 APPROVED

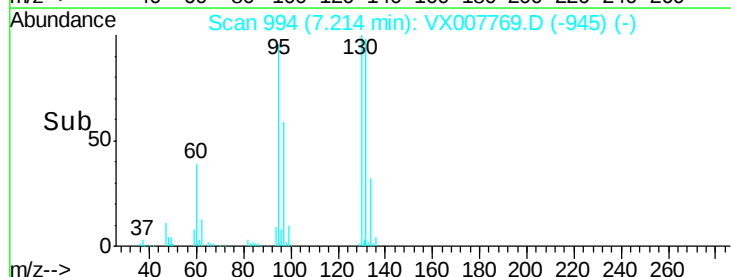
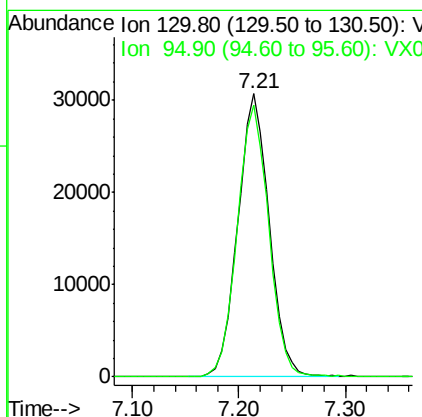
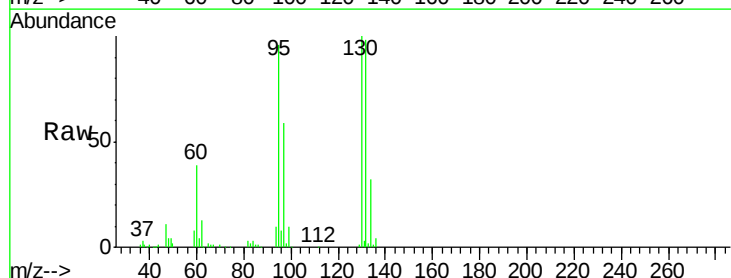
MMDadoda
 3/1/2019 10:04:21 AM

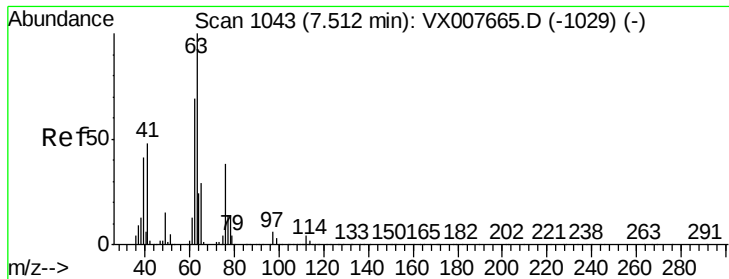


#44

Trichloroethene
 Concen: 20.030 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	180.0





#45

1,2-Dichloropropane

Concen: 21.413 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

Tot Ion: 63 Resp: 64068

Ion Ratio Lower Upper

63 100

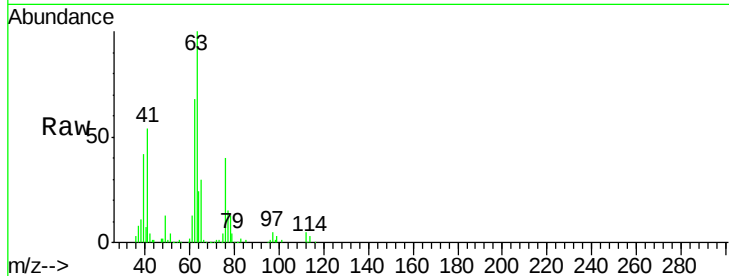
65 30.4 24.2 36.2

Manual Integrations

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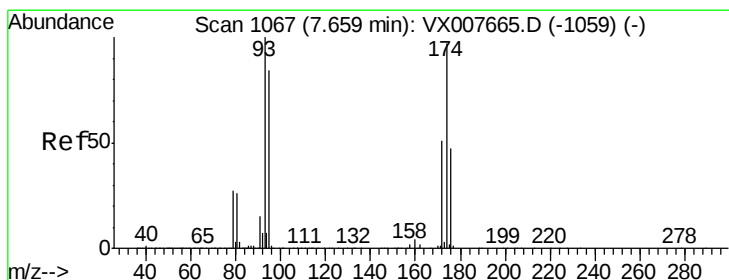
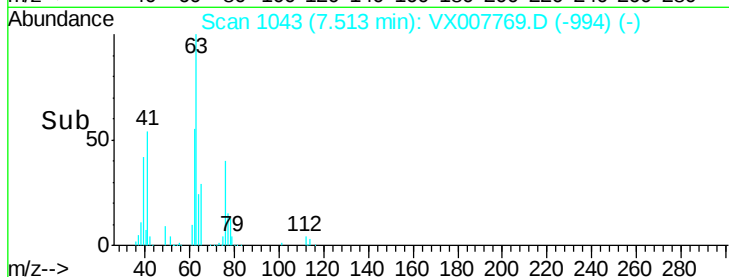
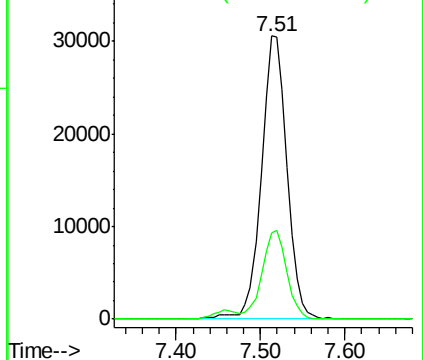
MMDadoda

3/1/2019 10:04:21 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.250 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

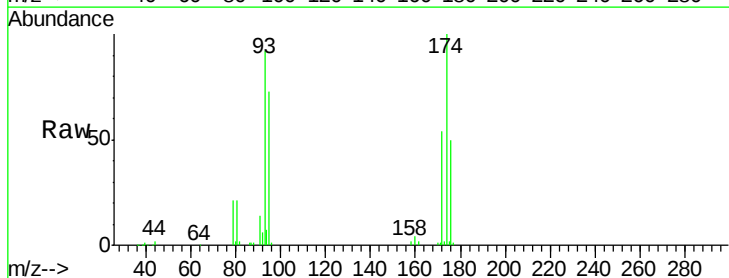
Tgt Ion: 93 Resp: 40180

Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

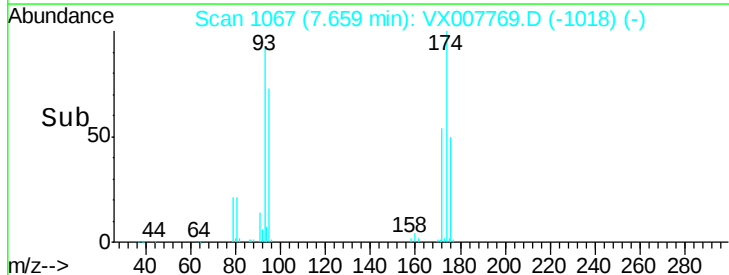
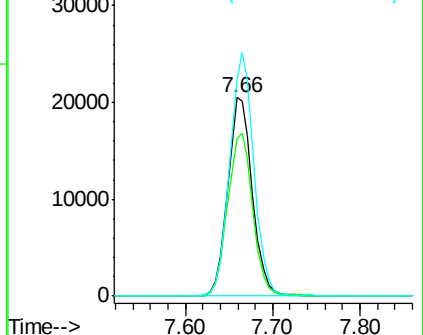
174 120.1 94.2 141.4

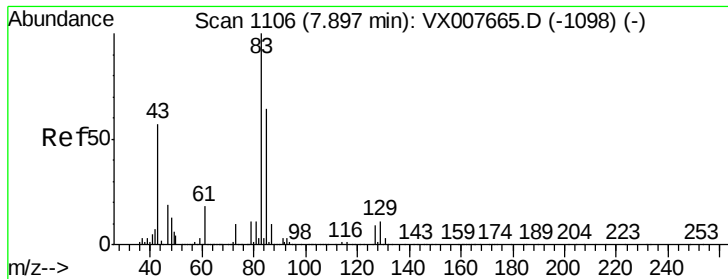


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.756 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

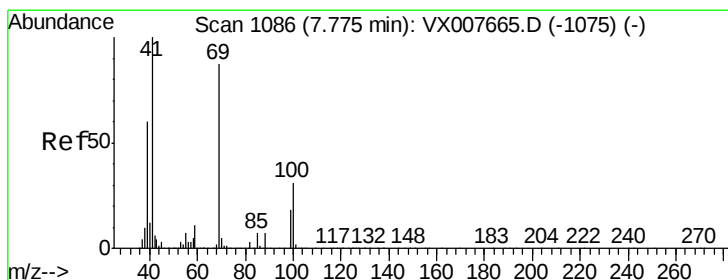
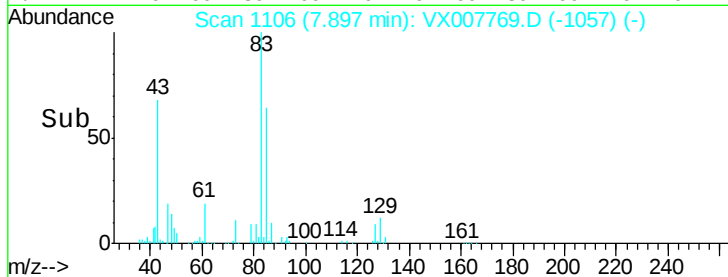
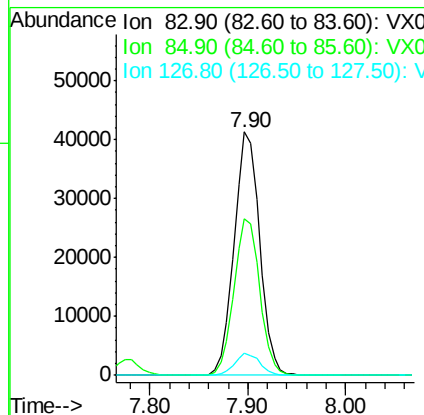
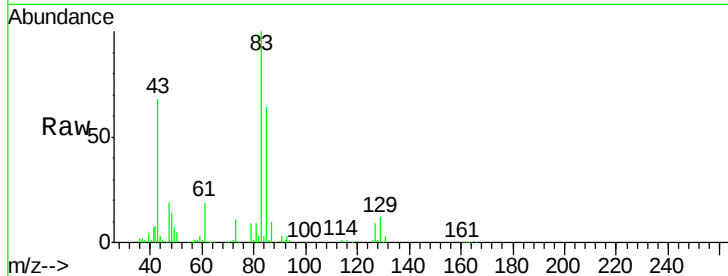
ClientSampleId :

VX0228WBSD01

Tot Ion:	83	Resp:	75078
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.4	77.0
127	9.2	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.747 ug/l

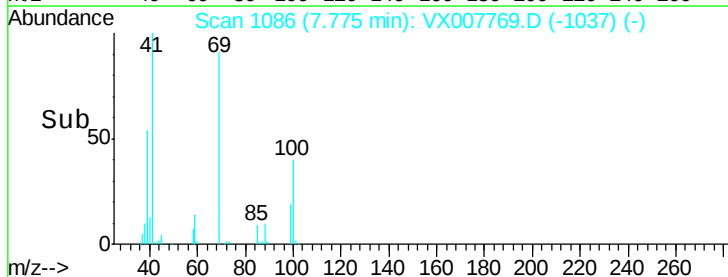
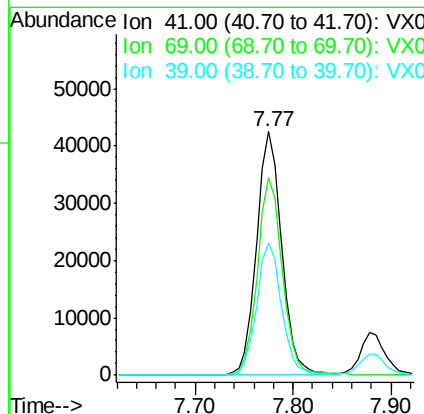
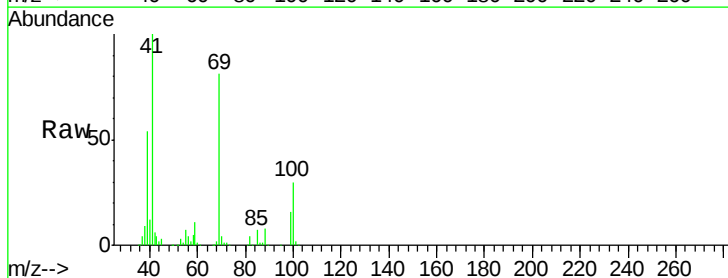
RT: 7.77 min Scan# 1086

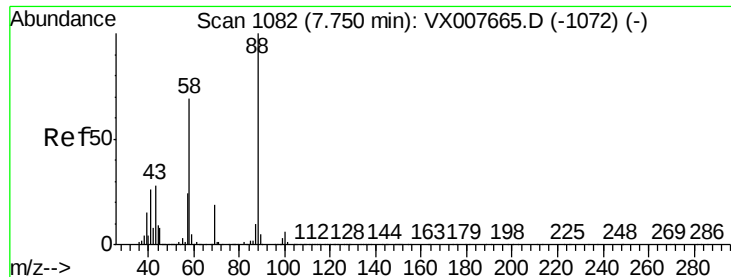
Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	41	Resp:	76272
Ion Ratio	Lower	Upper	
41	100		
69	80.0	70.2	105.4
39	53.6	47.4	71.0





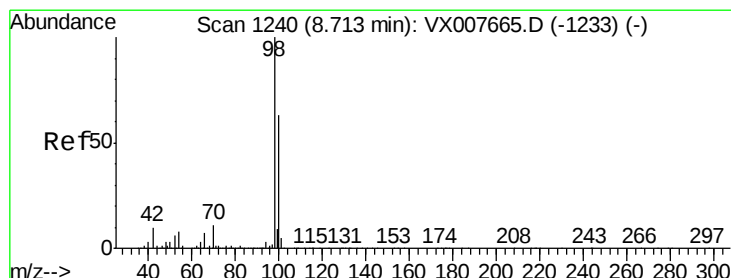
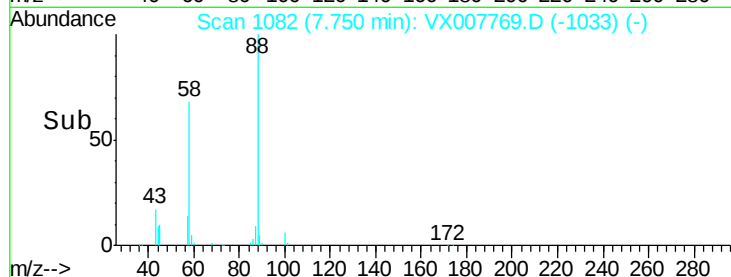
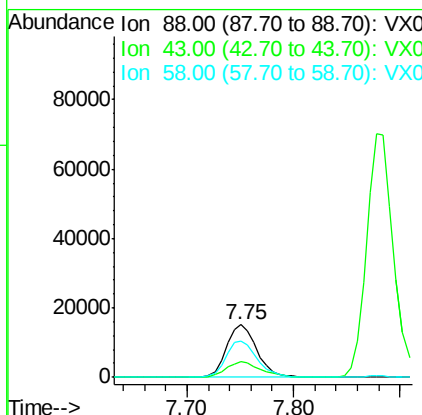
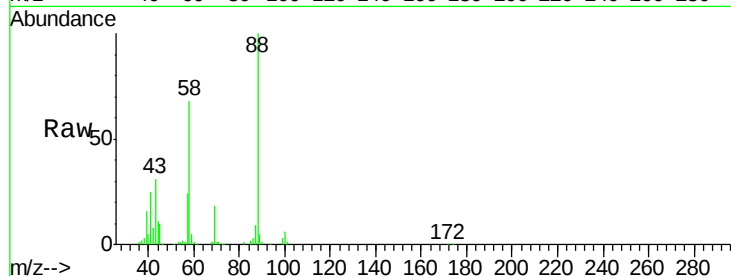
#49
1,4-Dioxane
Concen: 417.279 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	24.2	36.4
58	70.9	53.0	79.4

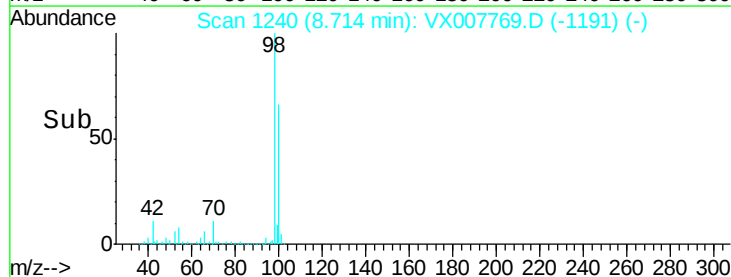
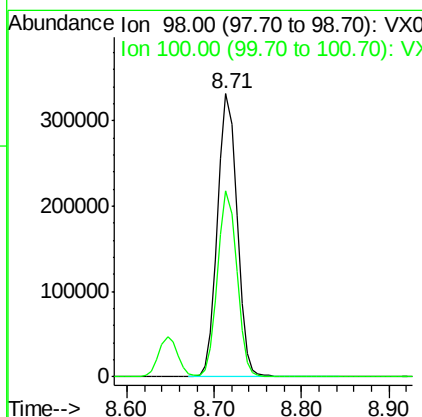
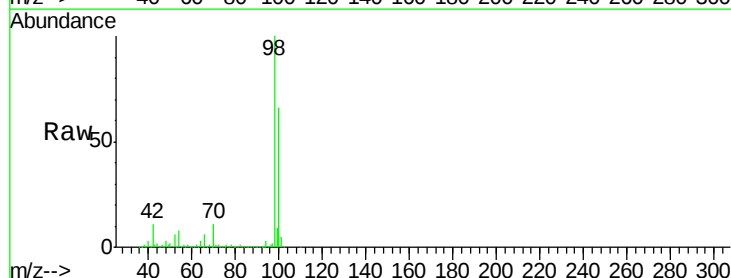
Manual Integrations
APPROVED

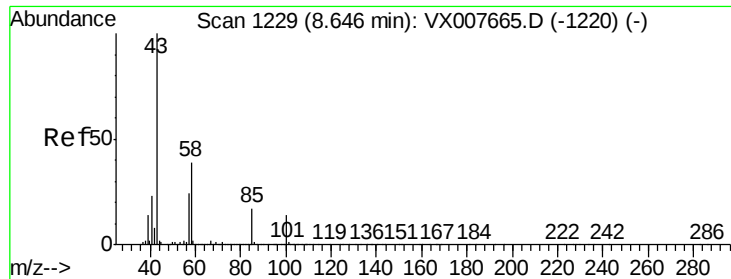
MMDadoda
3/1/2019 10:04:21 AM



#50
Toluene-d8
Concen: 48.355 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4





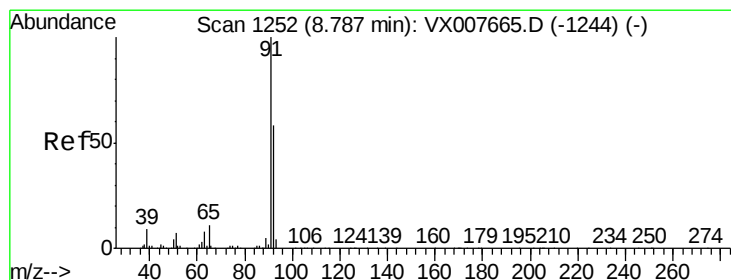
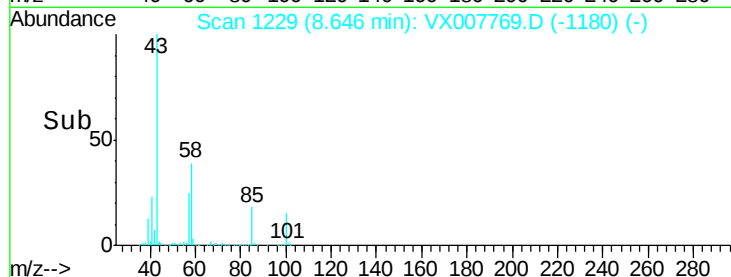
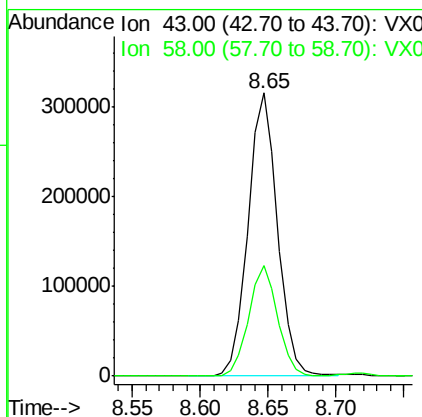
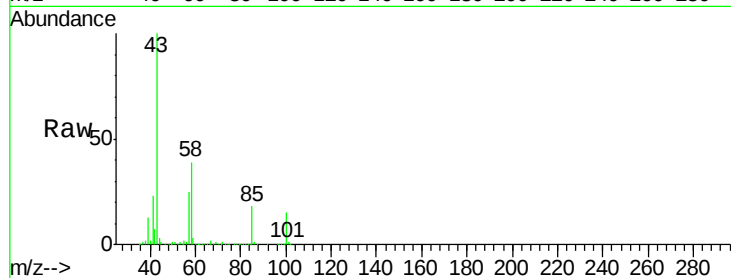
#51
4-Methyl-2-Pentanone
Concen: 112.064 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	31.2	46.8

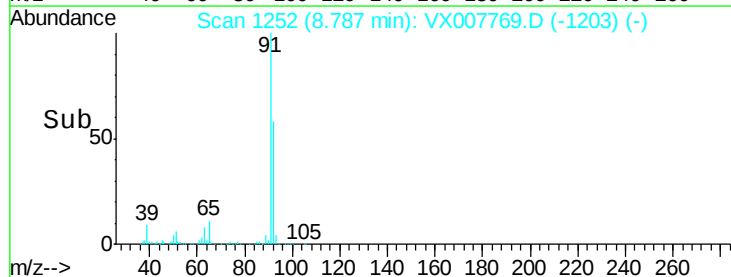
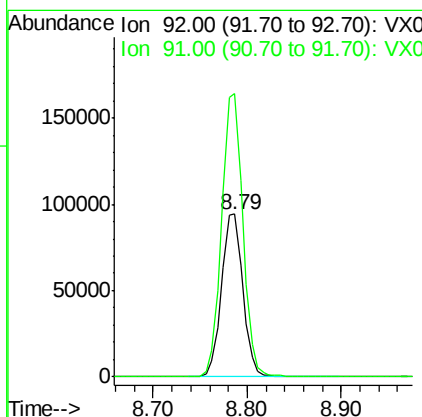
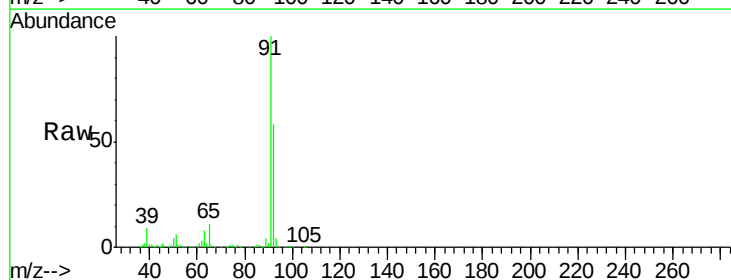
Manual Integrations
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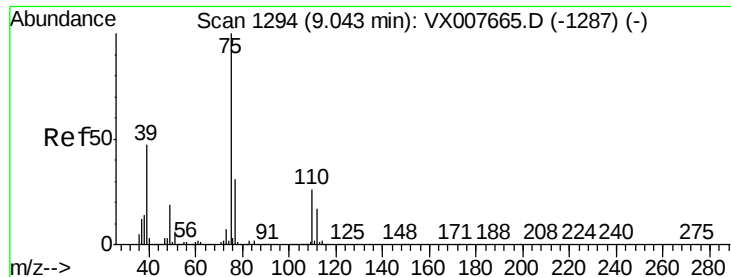
MMDadoda
3/1/2019 10:04:21 AM



#52
Toluene
Concen: 20.421 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.0	139.1	208.7





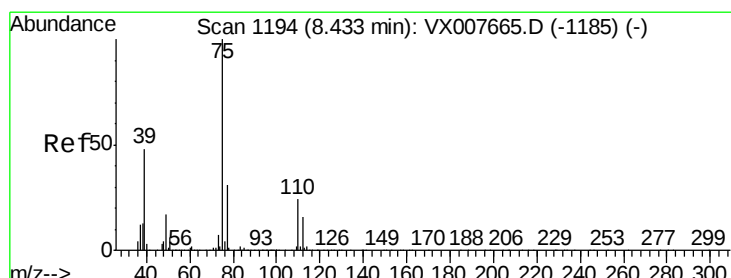
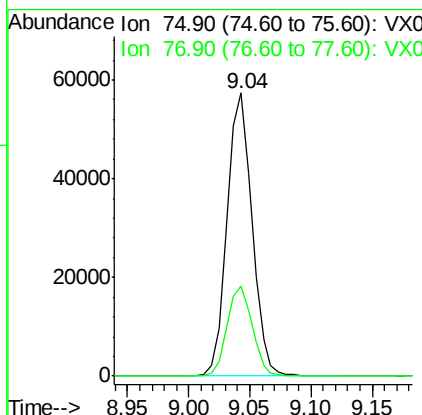
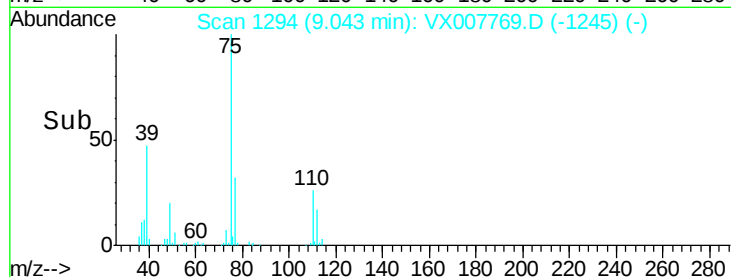
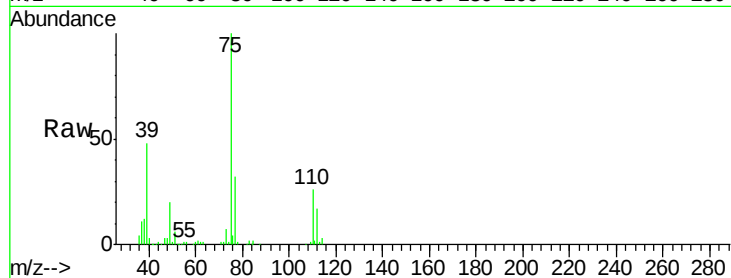
#53
t-1,3-Dichloropropene
Concen: 19.766 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8

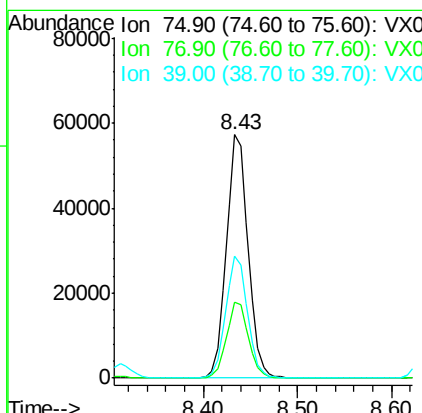
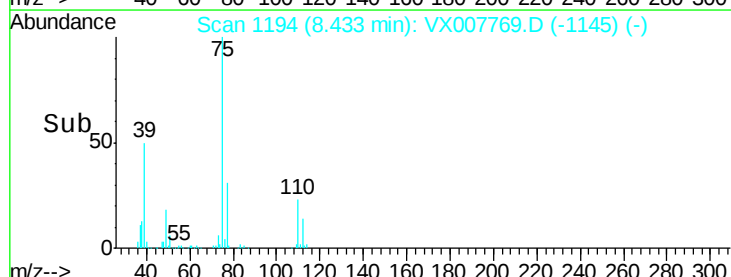
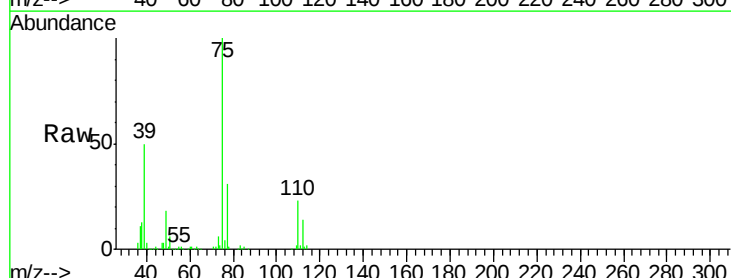
Manual Integrations
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3/1/2019 10:04:21 AM



#54
cis-1,3-Dichloropropene
Concen: 20.778 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.2	39.4
39	49.7	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 20.633 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

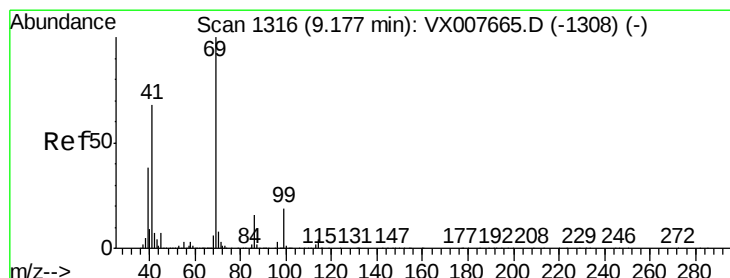
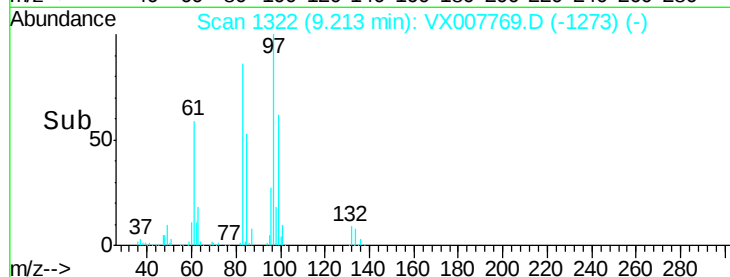
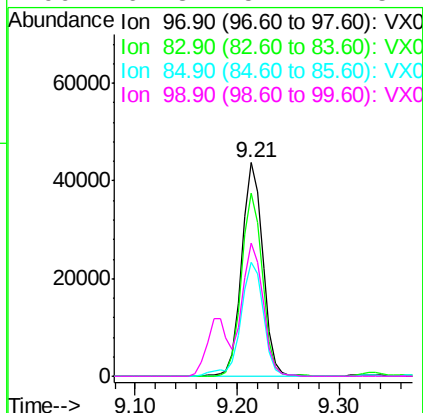
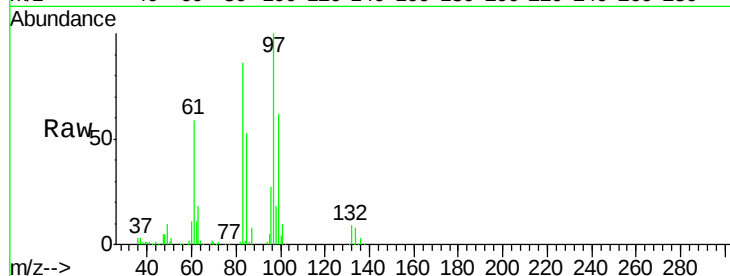
ClientSampled :

VX0228WBSD01

Tot Ion:	97	Resp:	62666
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.6	102.8
85	53.3	44.5	66.7
99	62.3	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.874 ug/l

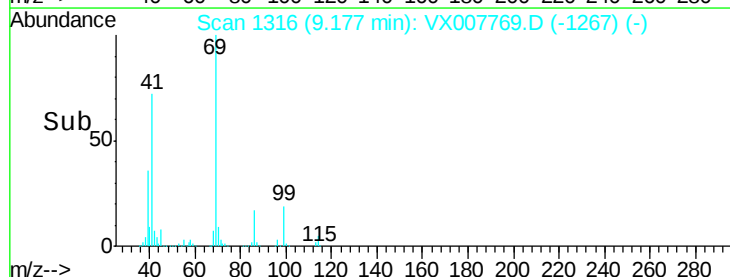
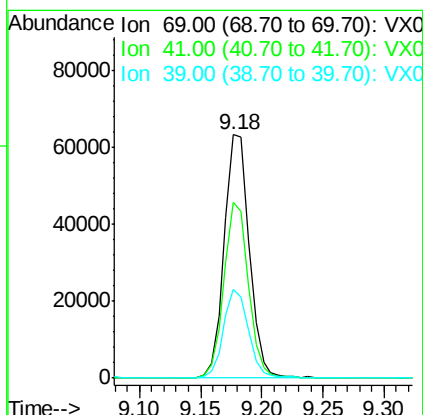
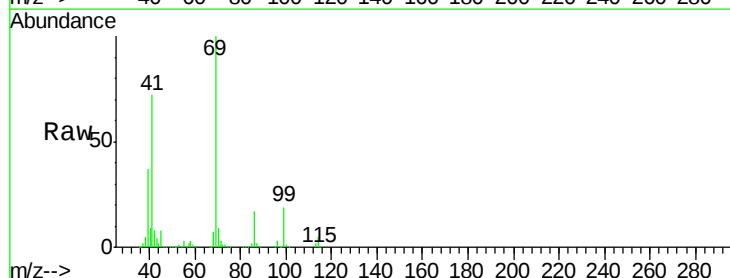
RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	69	Resp:	90157
Ion	Ratio	Lower	Upper
69	100		
41	70.4	52.1	78.1
39	36.2	30.1	45.1





#57

1,3-Dichloropropane

Concen: 21.049 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 76 Resp: 102336

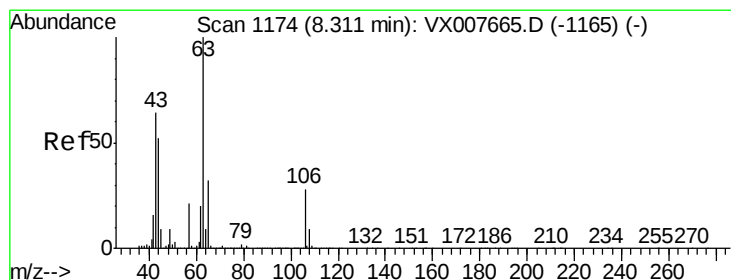
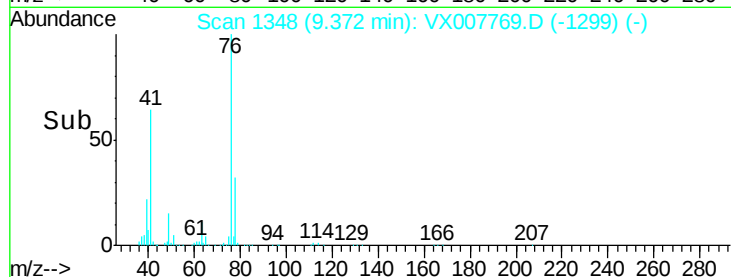
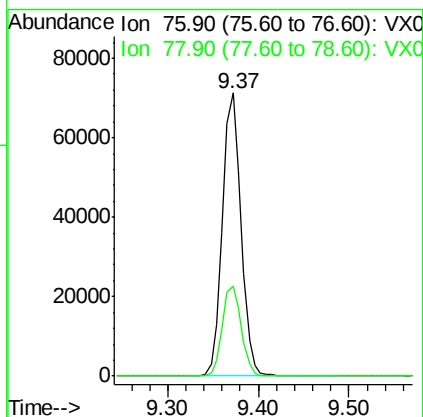
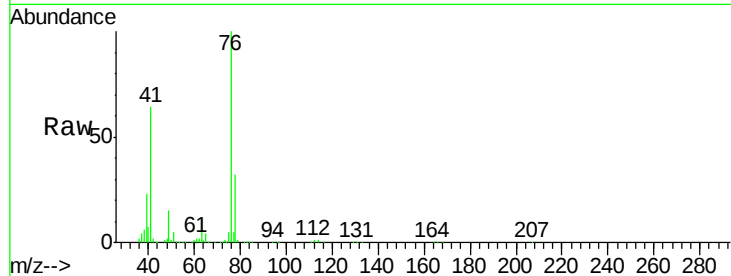
Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8

Manual Integrations
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MMDadoda
3/1/2019 10:04:21 AM



#58

2-Chloroethyl Vinyl ether

Concen: 99.529 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007769.D

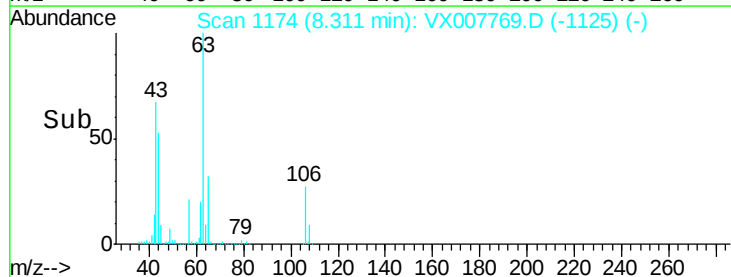
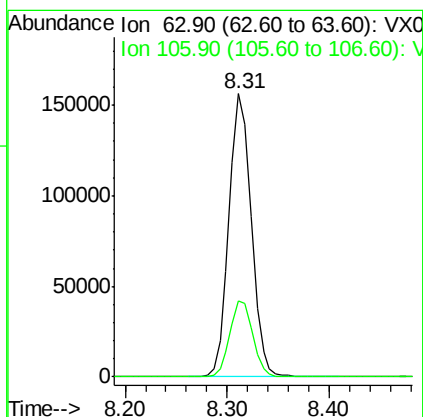
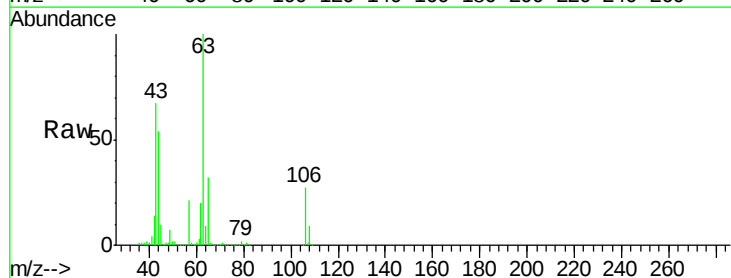
Acq: 28 Feb 2019 16:25

Tgt Ion: 63 Resp: 237056

Ion Ratio Lower Upper

63 100

106 27.7 23.6 35.4





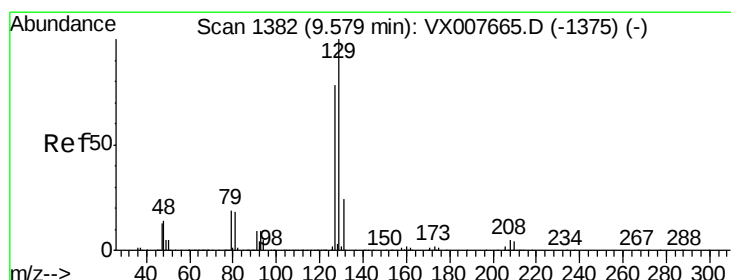
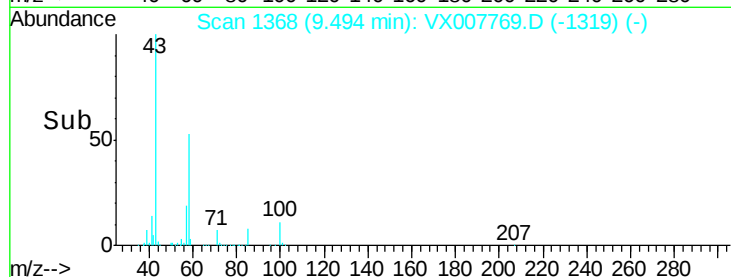
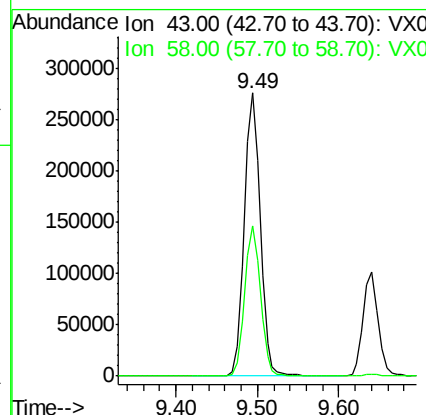
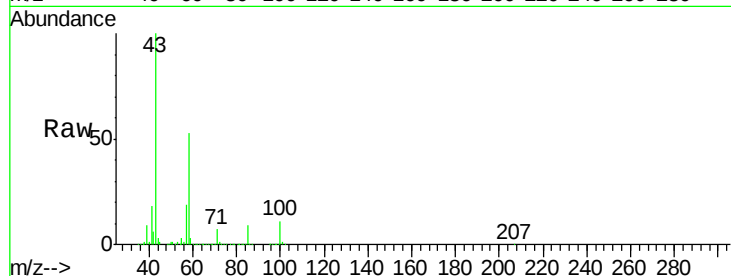
#59
2-Hexanone
Concen: 110.311 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion: 43 Resp: 370830
Ion Ratio Lower Upper
43 100
58 52.7 27.1 81.3

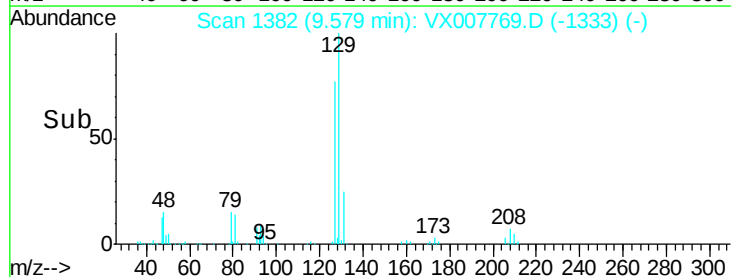
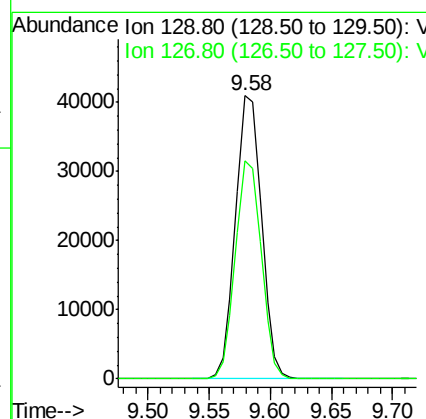
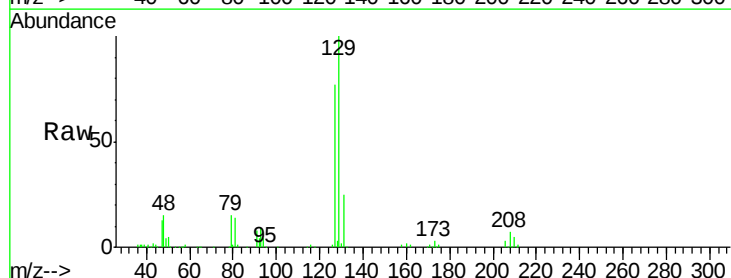
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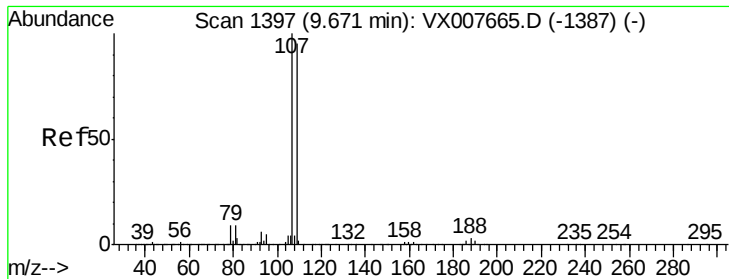
MMDadoda
3/1/2019 10:04:21 AM



#60
Dibromochloromethane
Concen: 20.723 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion: 129 Resp: 60564
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 20.744 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

Tot Ion: 107 Resp: 65414

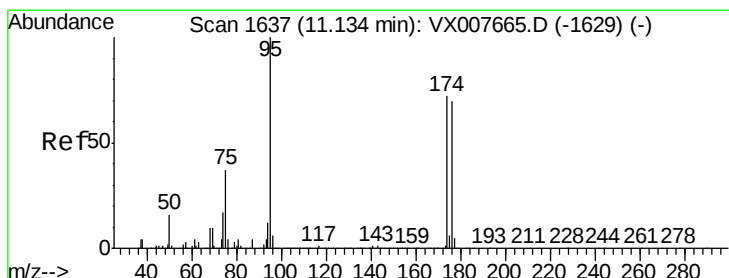
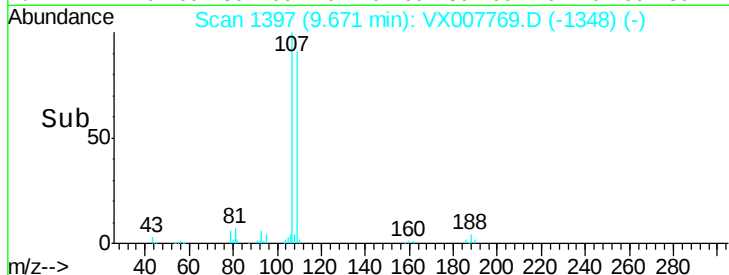
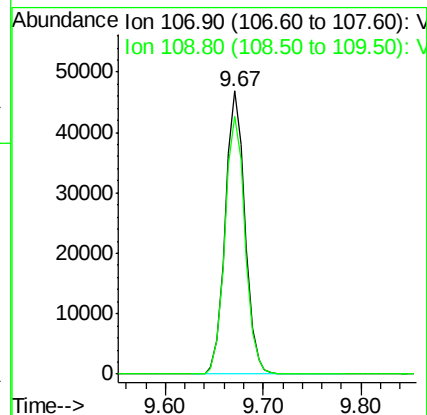
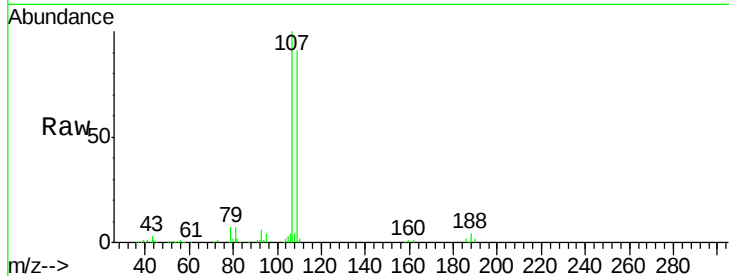
Ion Ratio Lower Upper

107 100

109 93.3 75.1 112.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 46.958 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

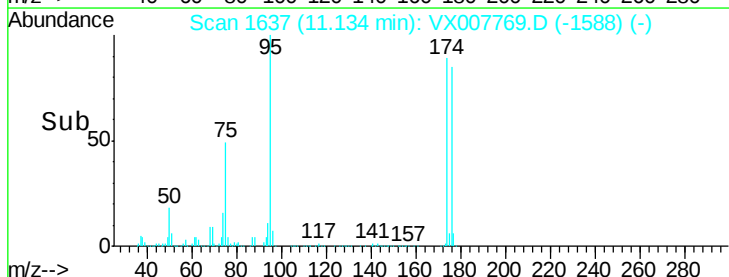
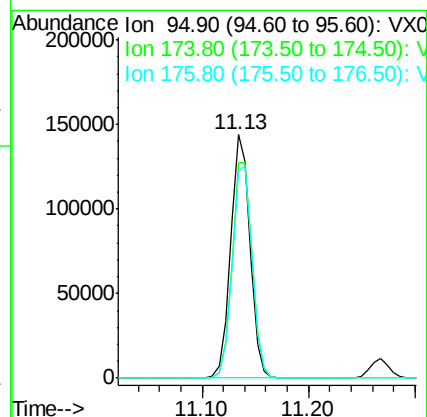
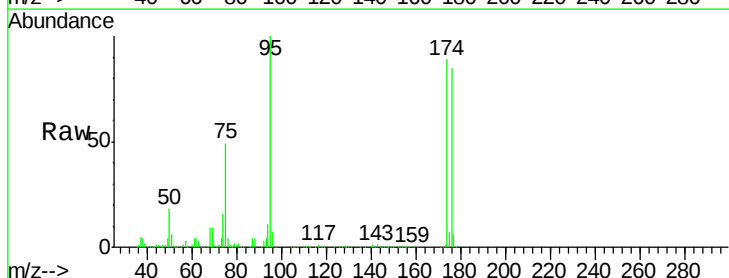
Tgt Ion: 95 Resp: 183568

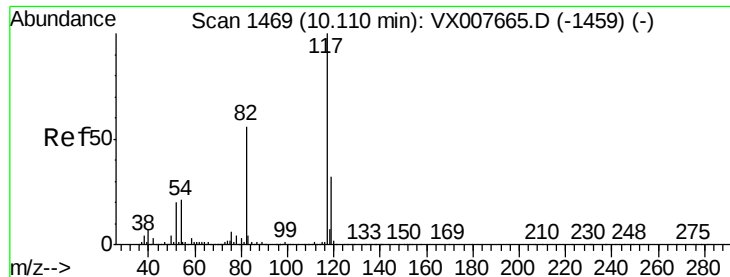
Ion Ratio Lower Upper

95 100

174 92.4 0.0 189.2

176 89.7 0.0 186.2





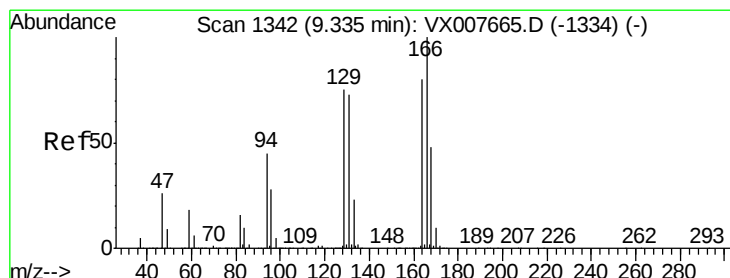
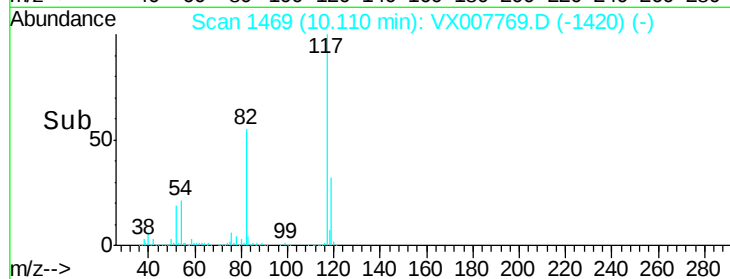
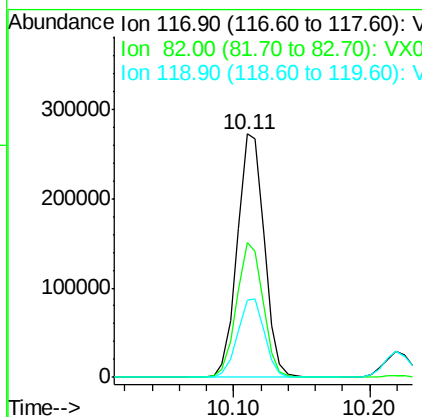
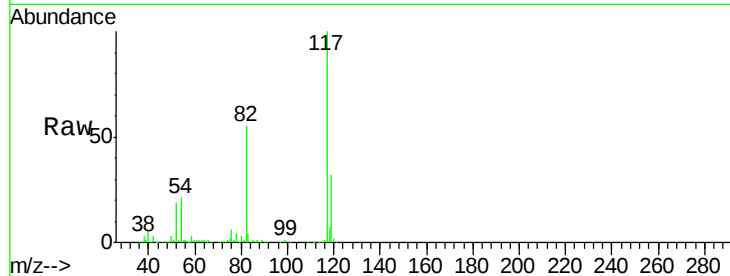
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	375509		
82	55.3	42.1	63.1	
119	31.6	26.5	39.7	

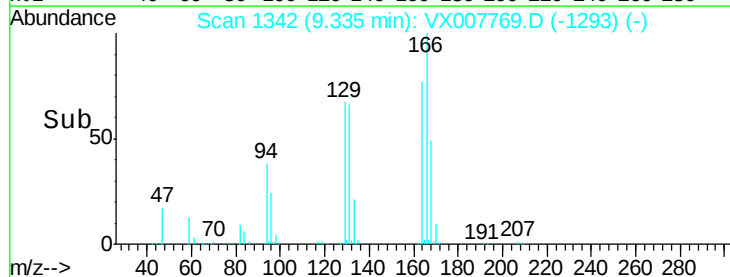
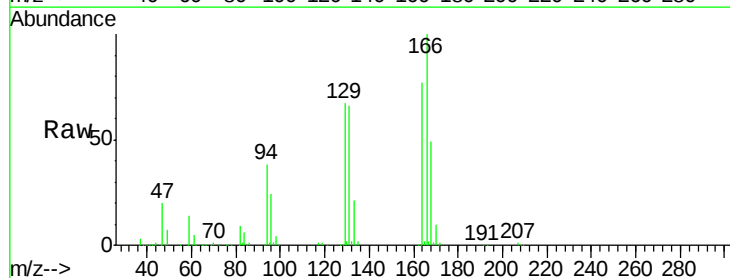
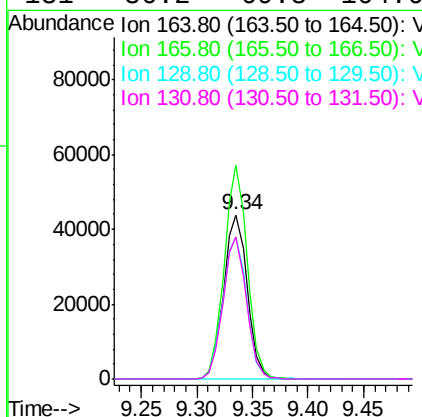
Manual Integrations
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#64
Tetrachloroethene
Concen: 21.157 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	64497		
166	130.0	101.0	151.4	
129	86.5	70.5	105.7	
131	86.2	69.8	104.6	





#65

Chlorobenzene

Concen: 20.338 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion:112 Resp: 165179

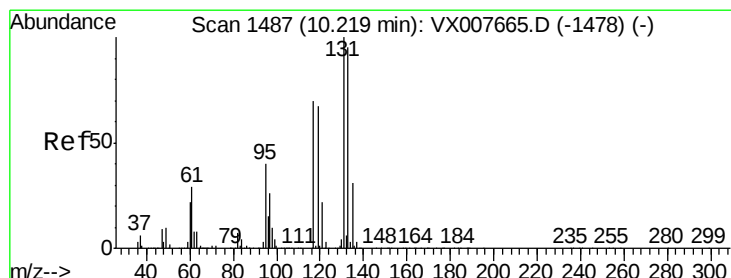
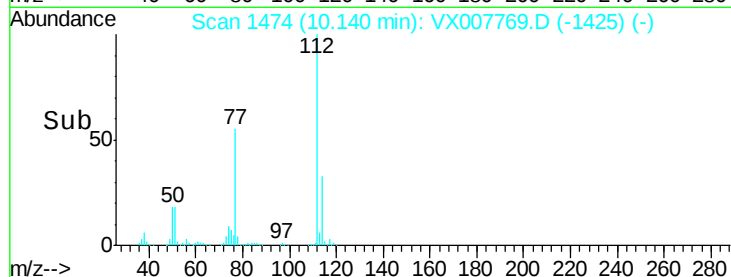
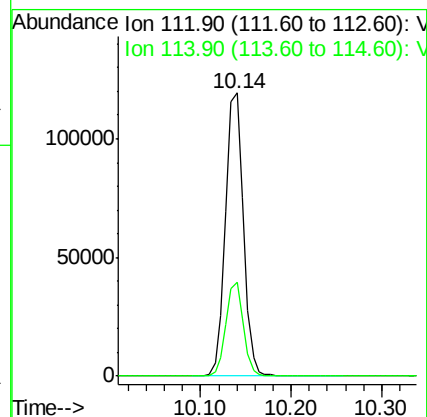
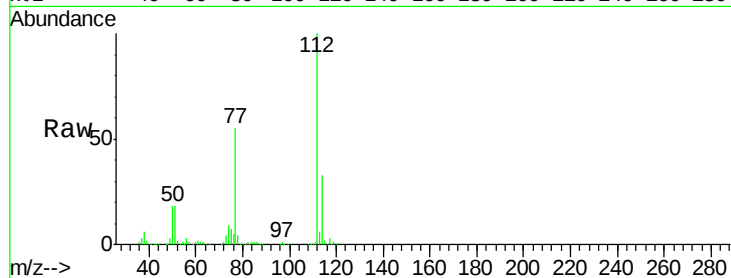
Ion Ratio Lower Upper

112 100

114 33.2 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.232 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

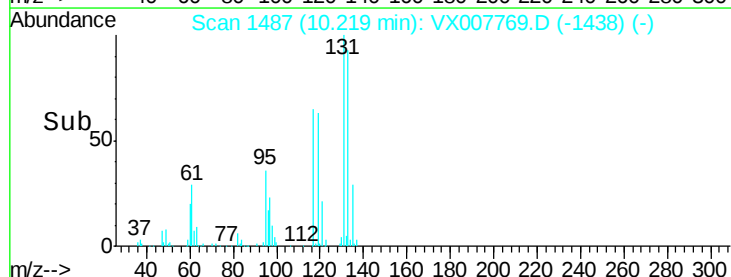
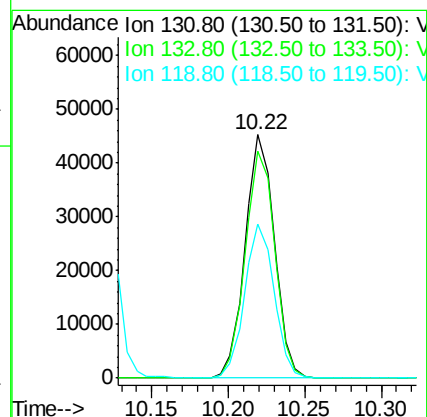
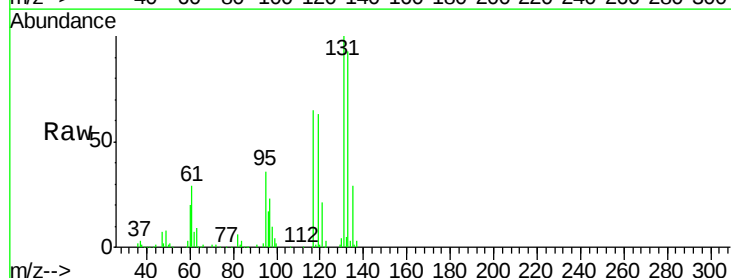
Tgt Ion:131 Resp: 60149

Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.2

119 64.1 32.0 96.0





#67

Ethyl Benzene

Concen: 20.353 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

Tot Ion: 91 Resp: 273821

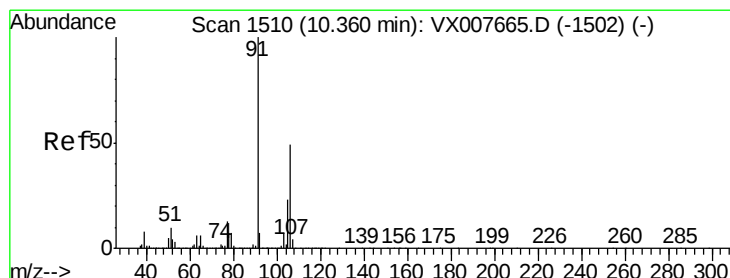
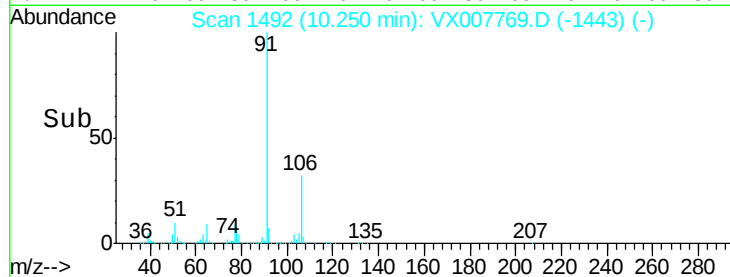
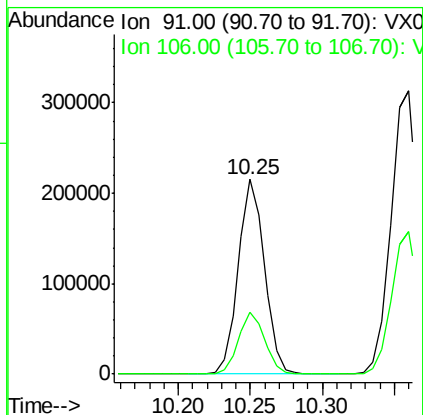
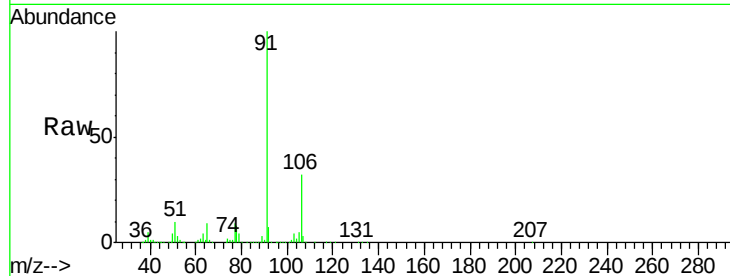
Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0

Manual Integrations
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3/1/2019 10:04:21 AM



#68

m/p-Xylenes

Concen: 40.216 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007769.D

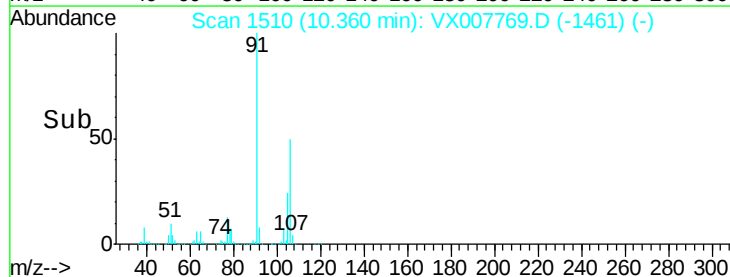
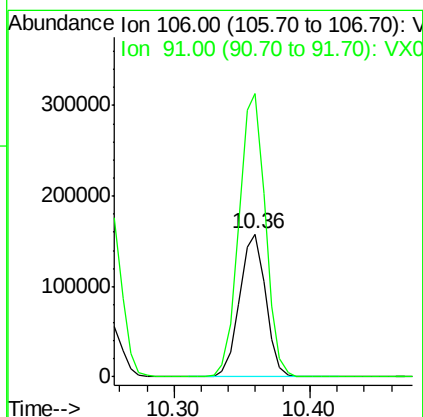
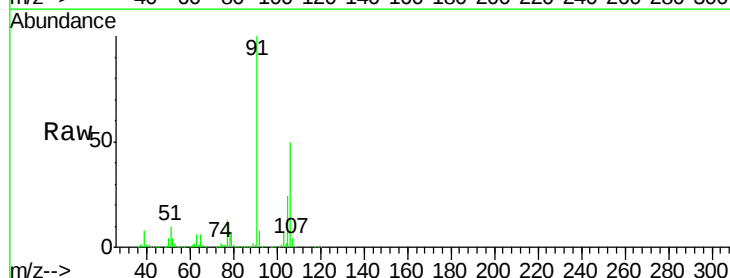
Acq: 28 Feb 2019 16:25

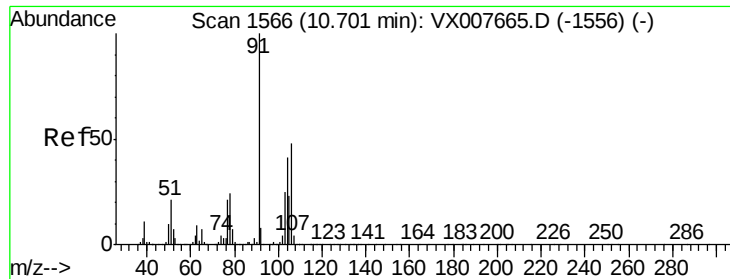
Tgt Ion: 106 Resp: 210487

Ion Ratio Lower Upper

106 100

91 201.4 156.6 234.8





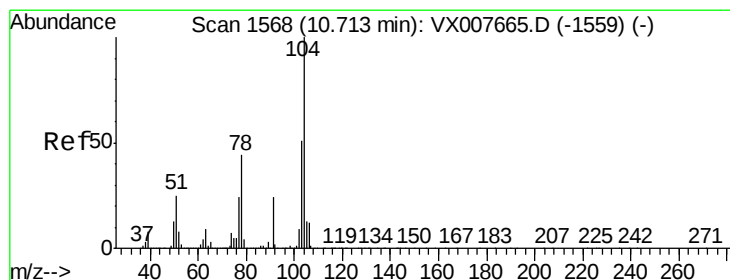
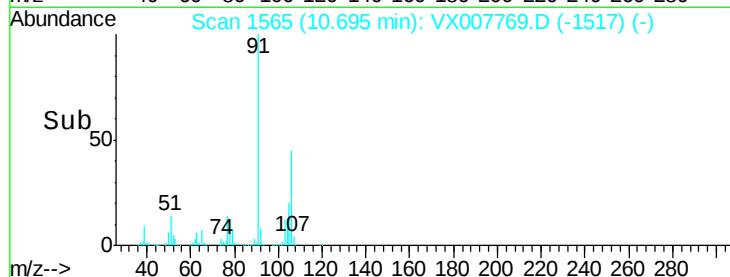
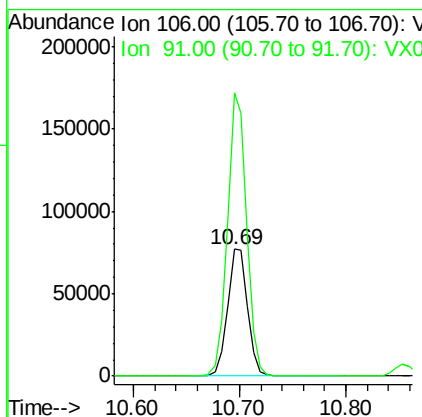
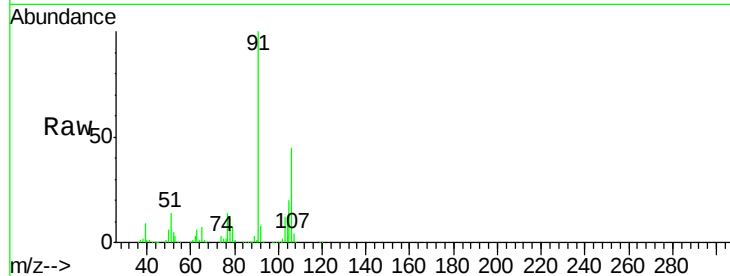
#69
o-Xylene
Concen: 20.113 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	101255		
91	214.2	102.9	308.7	

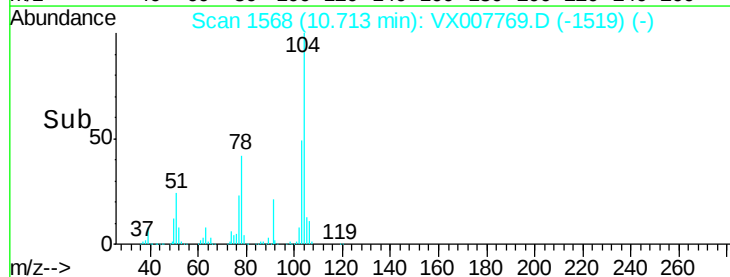
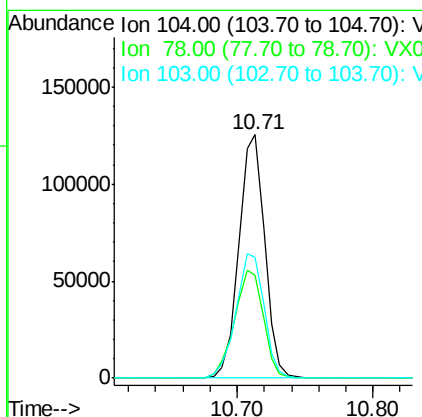
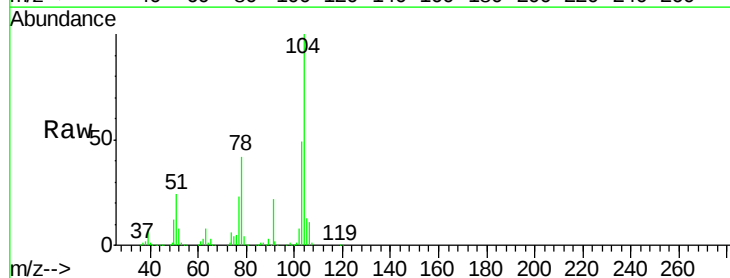
Manual Integrations
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MMDadoda
3/1/2019 10:04:21 AM



#70
Styrene
Concen: 20.089 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	166237		
78	49.5	38.3	57.5	
103	55.9	44.6	67.0	





#71

Bromoform

Concen: 21.804 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

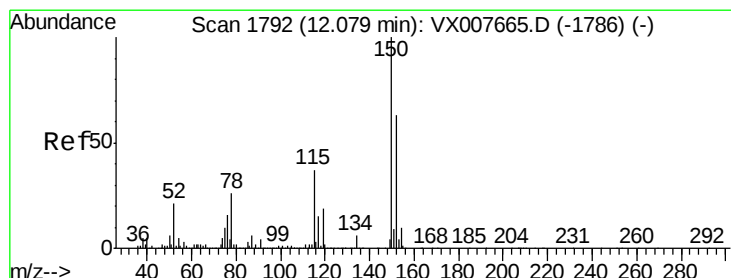
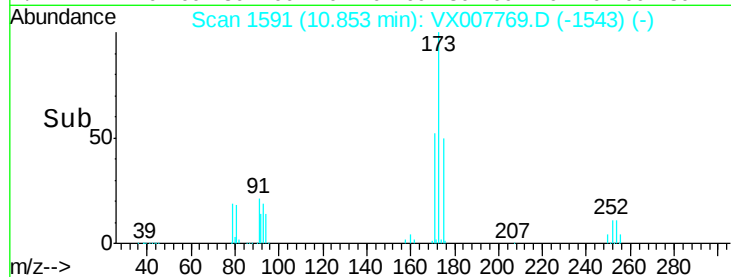
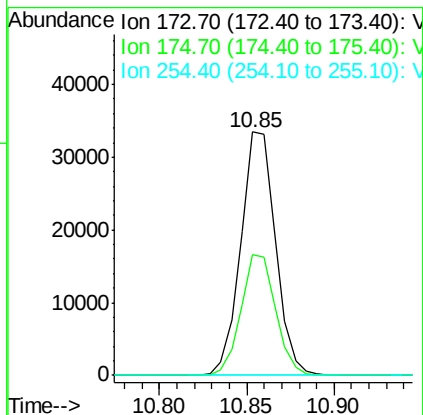
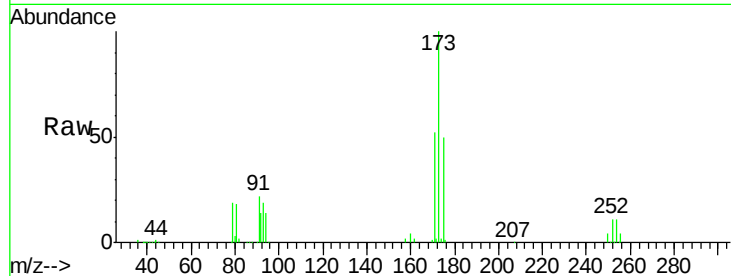
ClientSampleId :

VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.2	72.6
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

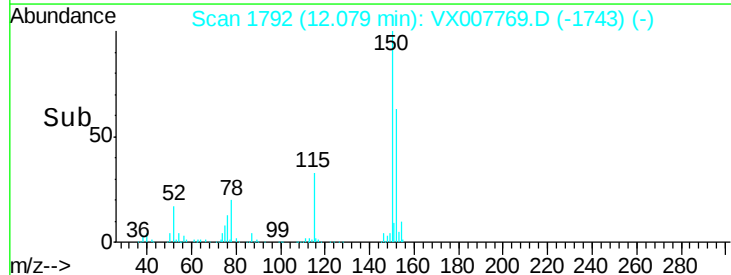
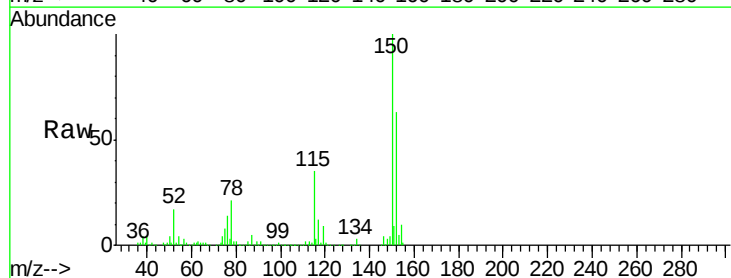
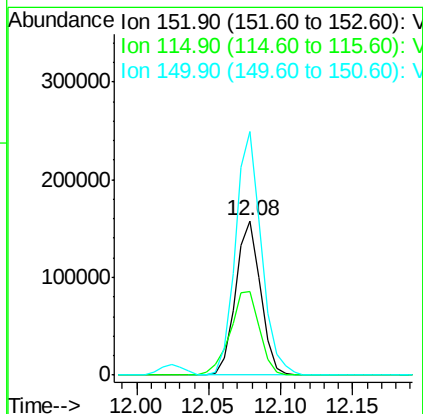
RT: 12.08 min Scan# 1792

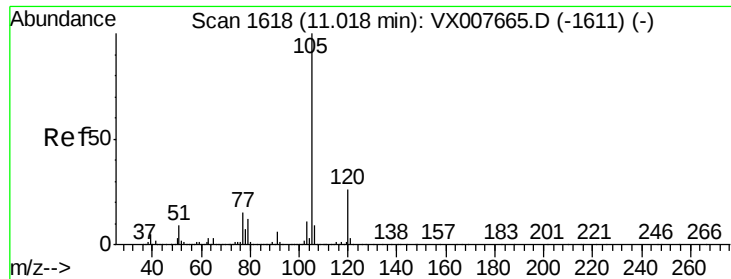
Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	38.0	114.0
150	164.6	0.0	346.4





#73

Isopropylbenzene

Concen: 20.079 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion:105 Resp: 273258

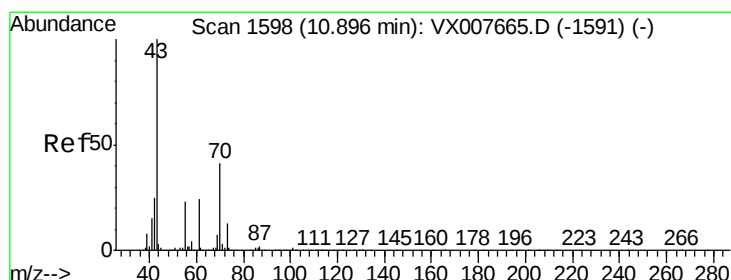
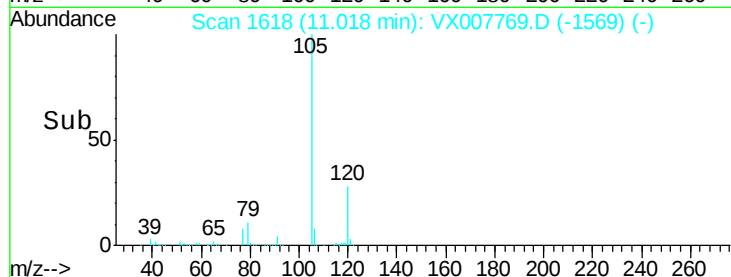
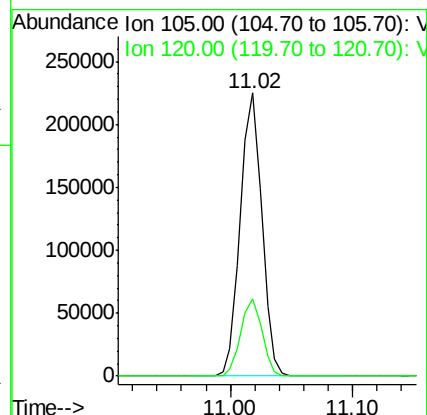
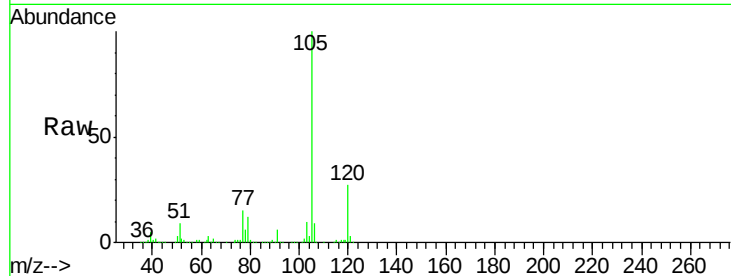
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7

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#74

N-ethyl acetate

Concen: 20.556 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion: 43 Resp: 121480

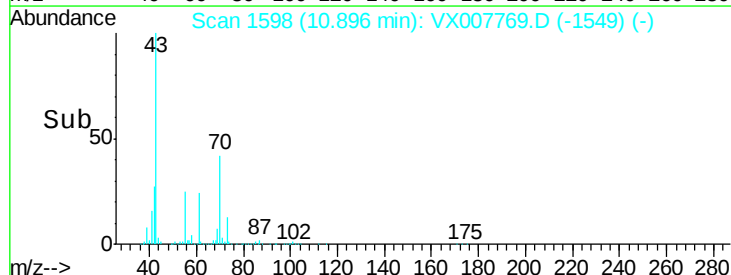
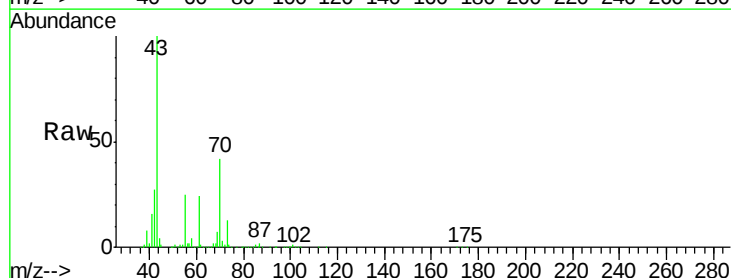
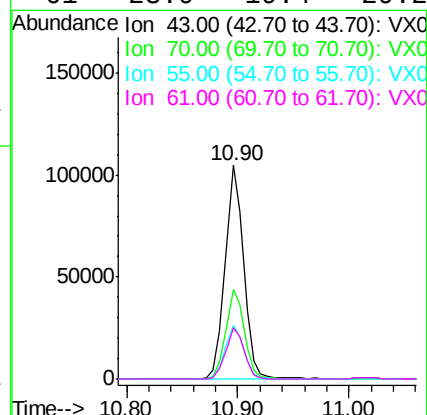
Ion Ratio Lower Upper

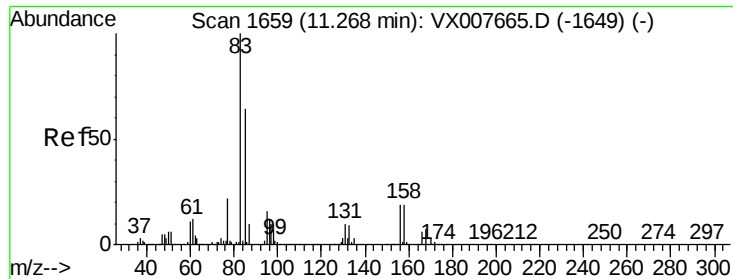
43 100

70 41.9 33.8 50.6

55 25.8 19.5 29.3

61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.967 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

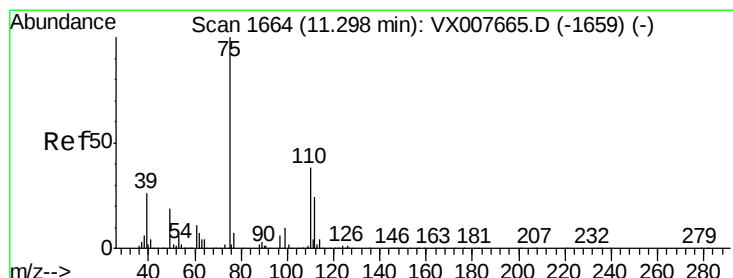
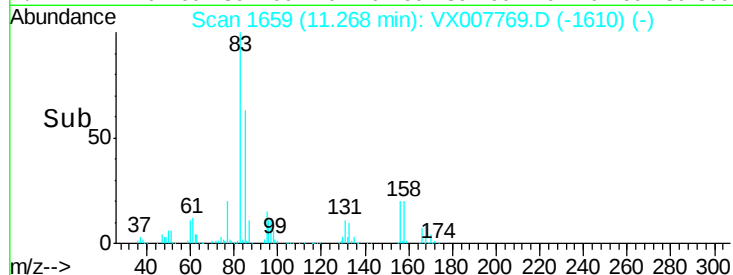
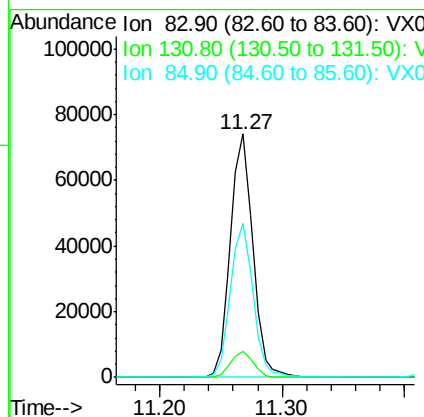
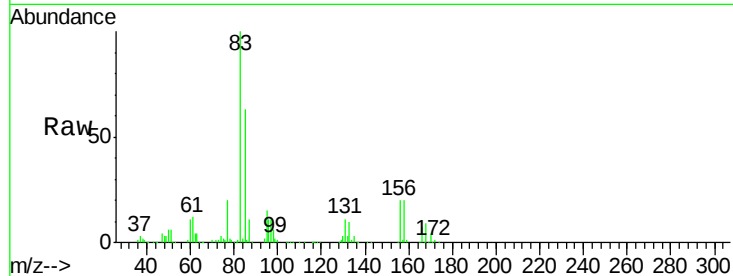
ClientSampleId :

VX0228WBSD01

Tot Ion:	83	Resp:	93984
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.7	17.0
85	63.8	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.383 ug/l m

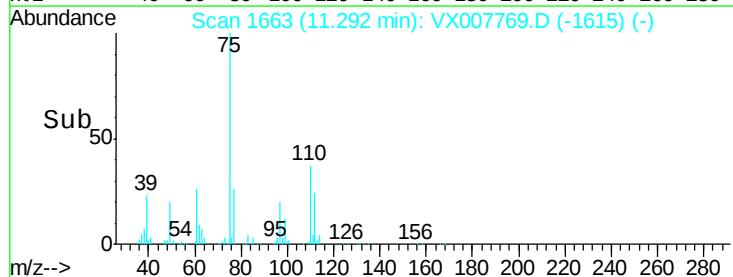
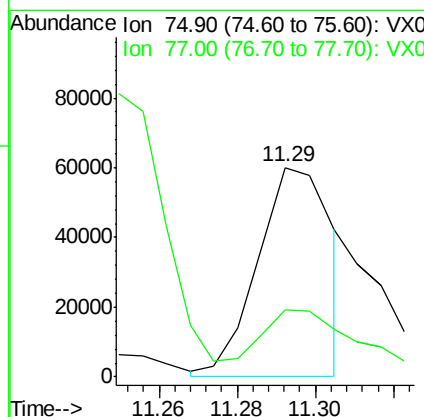
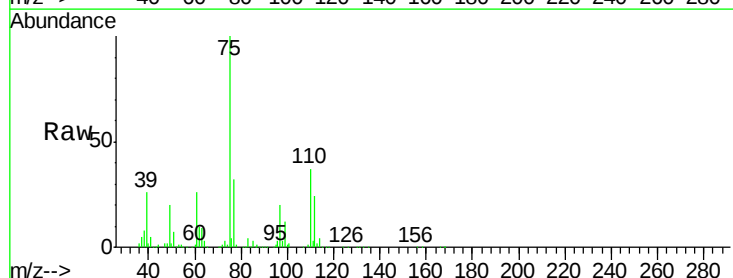
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	75	Resp:	78672
Ion Ratio	Lower	Upper	
75	100		
77	43.7	23.0	69.0





#77

Bromobenzene

Concen: 21.839 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion:156 Resp: 74547

Ion Ratio Lower Upper

156 100

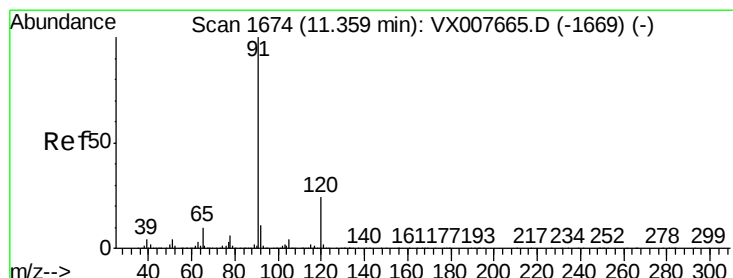
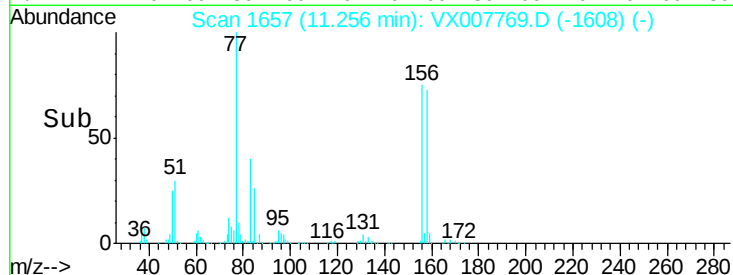
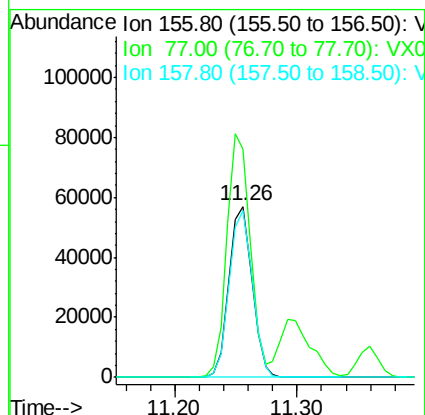
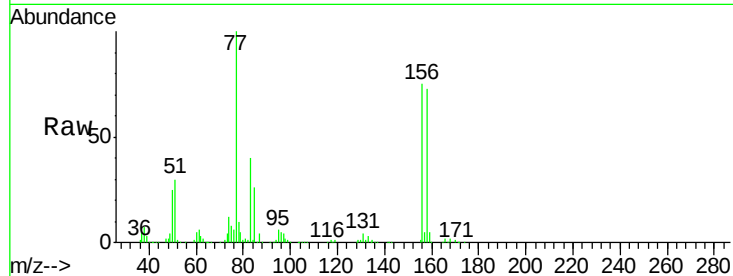
77 143.3 66.8 200.6

158 97.7 47.9 143.8

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#78

n-propylbenzene

Concen: 19.923 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007769.D

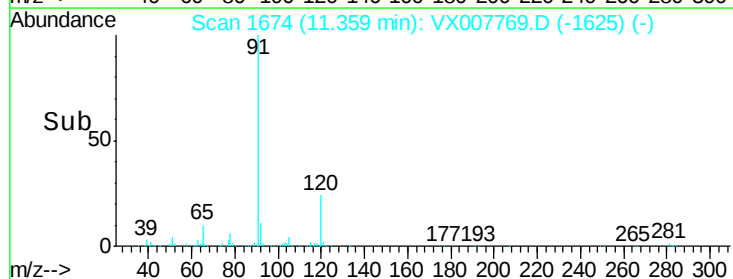
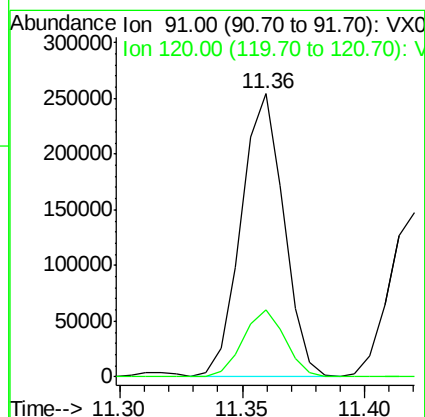
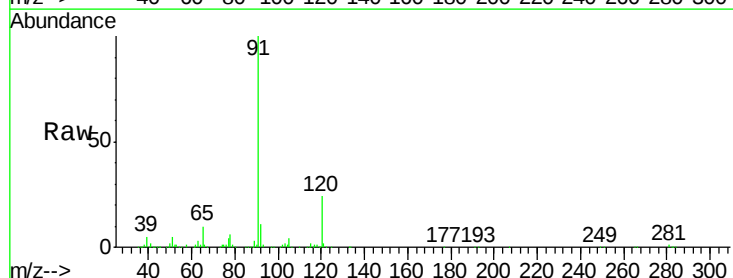
Acq: 28 Feb 2019 16:25

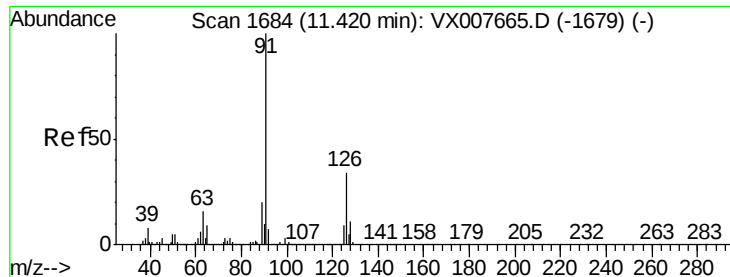
Tgt Ion: 91 Resp: 306391

Ion Ratio Lower Upper

91 100

120 23.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.989 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 91 Resp: 185093

Ion Ratio Lower Upper

91 100

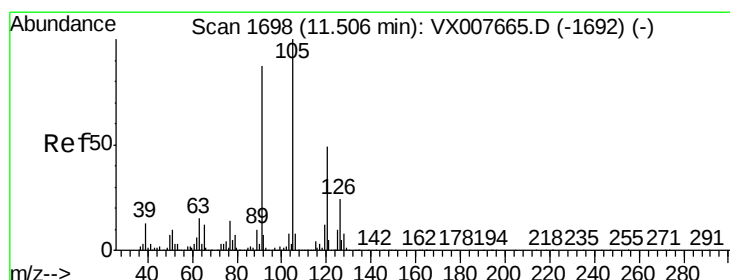
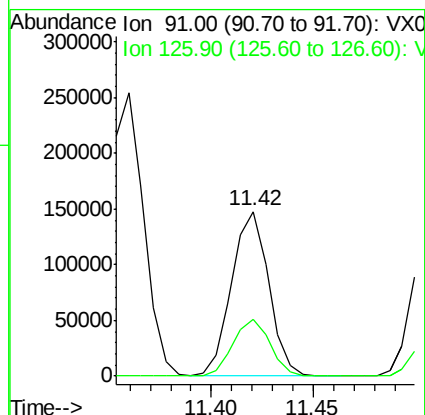
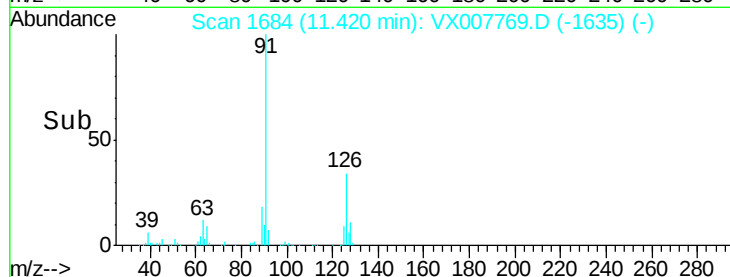
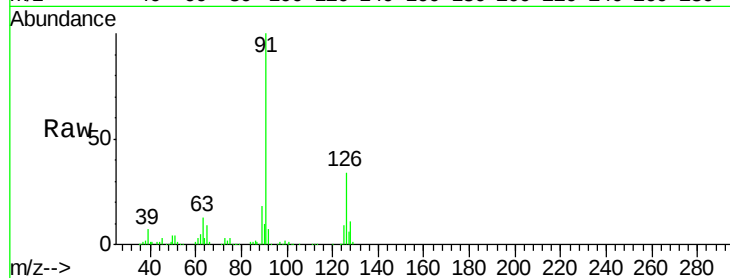
126 35.0 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 20.307 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007769.D

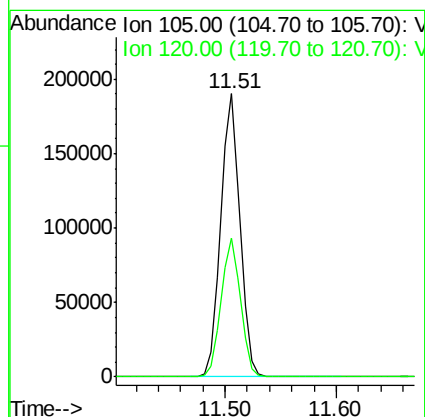
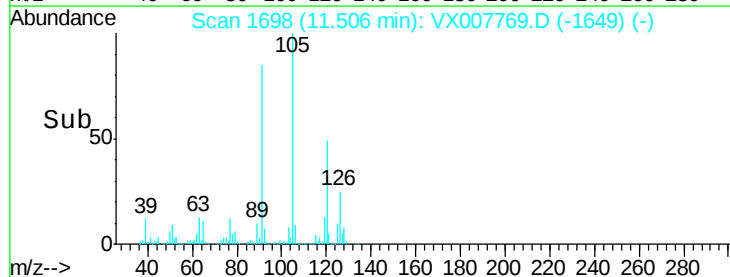
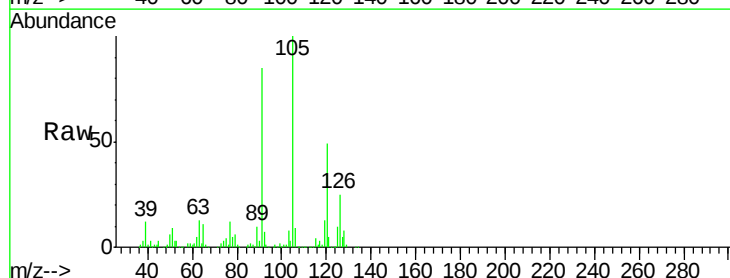
Acq: 28 Feb 2019 16:25

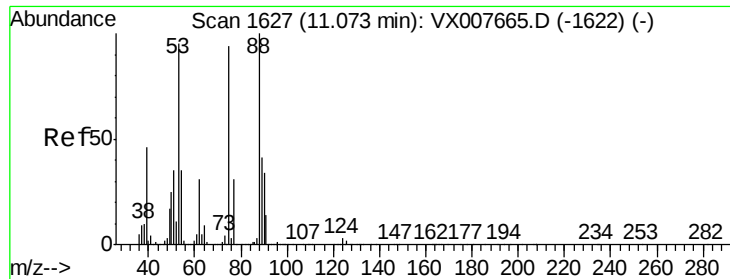
Tgt Ion: 105 Resp: 227321

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.495 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

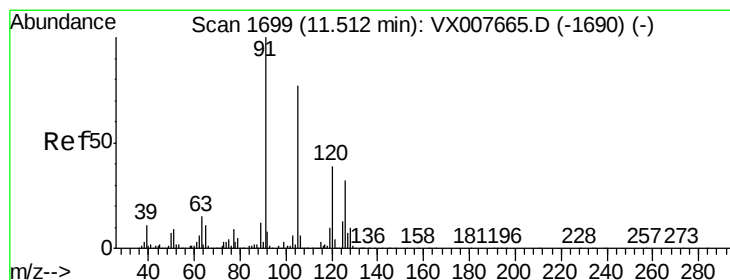
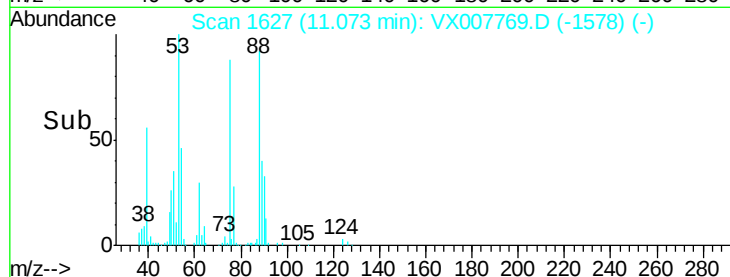
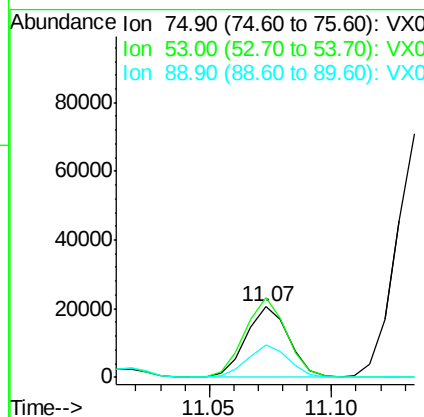
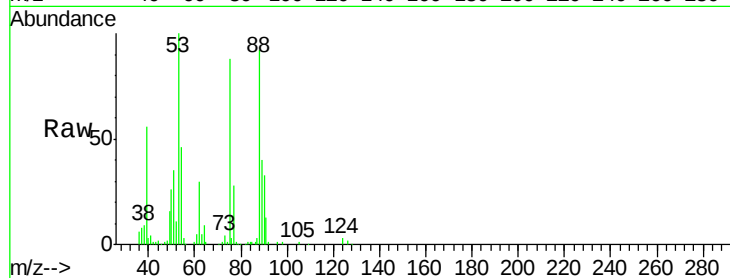
ClientSampleId :

VX0228WBSD01

Tot Ion:	75	Resp:	24956
Ion	Ratio	Lower	Upper
75	100		
53	111.2	81.0	121.6
89	45.0	41.4	62.0

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#82

4-Chlorotoluene

Concen: 19.382 ug/l

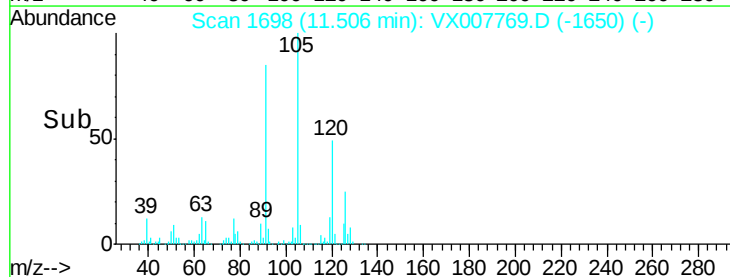
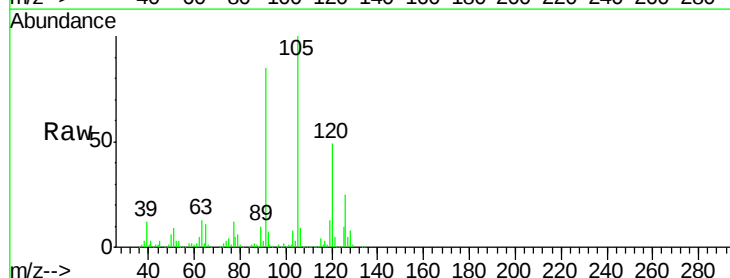
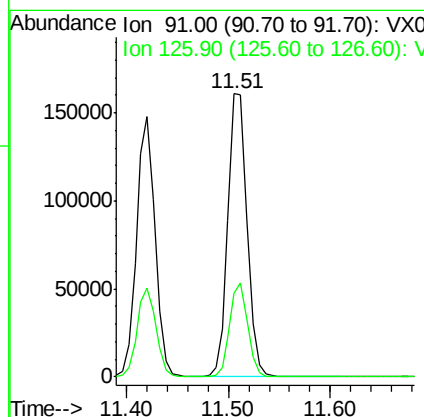
RT: 11.51 min Scan# 1698

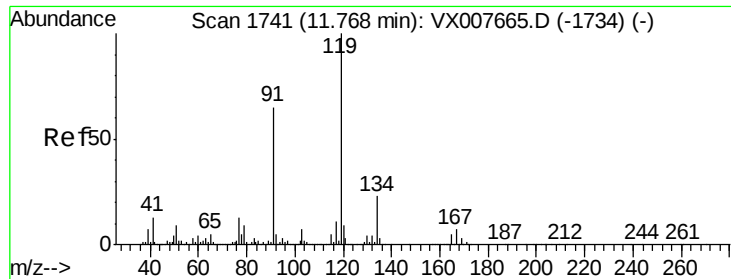
Delta R.T. -0.01 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	91	Resp:	209954
Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.2	48.5





#83

tert-Butylbenzene

Concen: 20.677 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

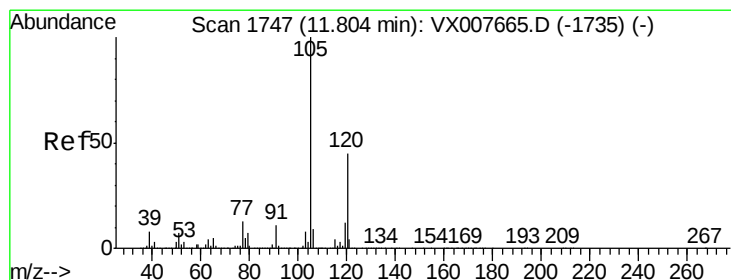
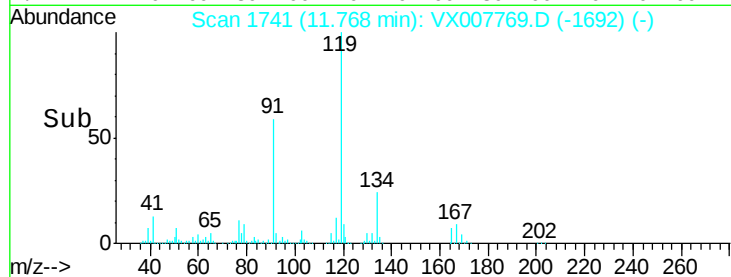
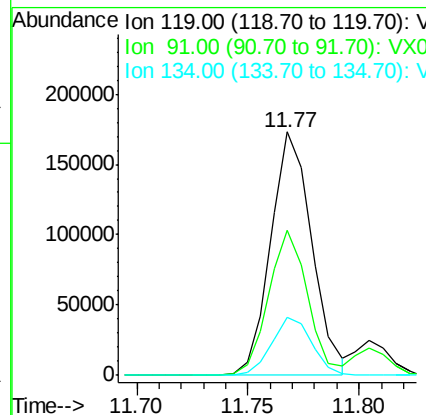
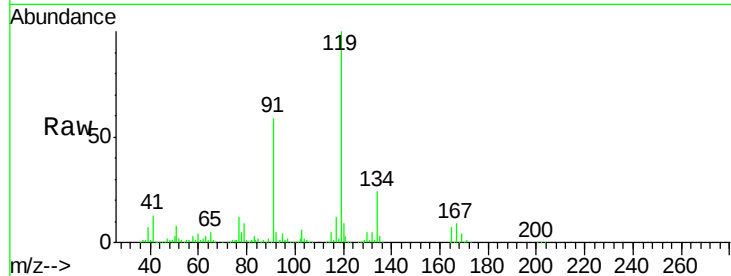
ClientSampled :

VX0228WBSD01

Tot Ion:	119	Resp:	222242
Ion Ratio	Lower	Upper	
119	100		
91	56.7	28.5	85.6
134	23.5	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.242 ug/l

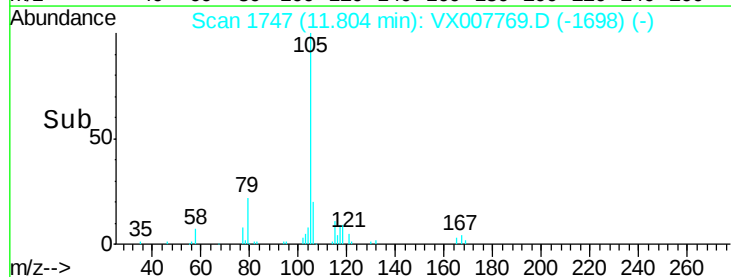
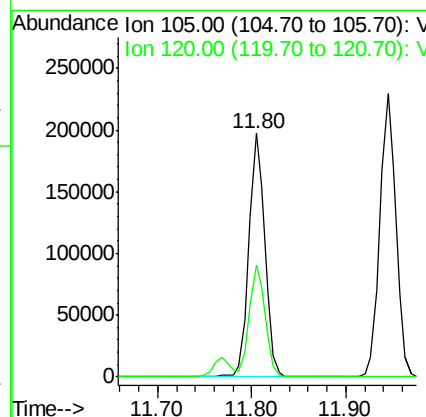
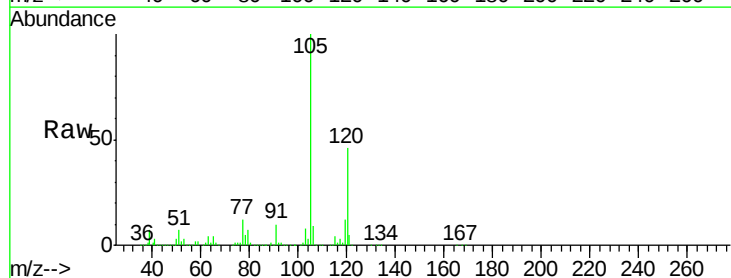
RT: 11.80 min Scan# 1747

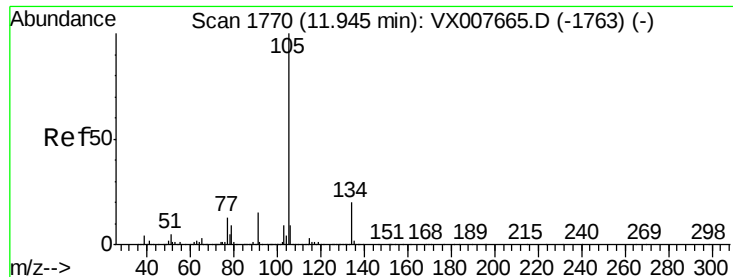
Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	105	Resp:	231780
Ion Ratio	Lower	Upper	
105	100		
120	45.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.141 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleID :

VX0228WBSD01

Tot Ion:105 Resp: 271273

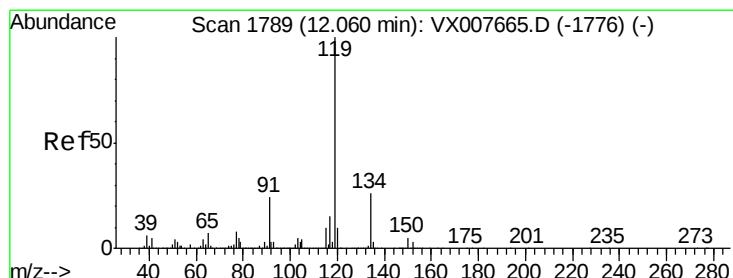
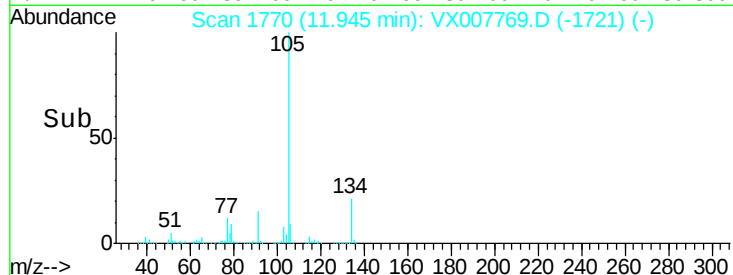
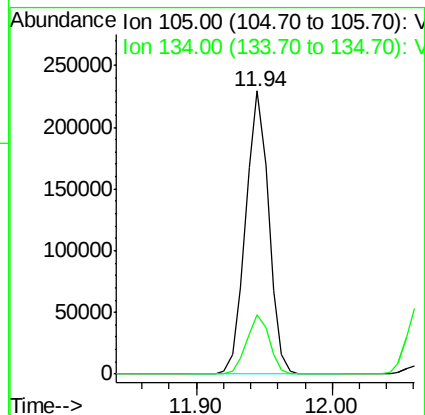
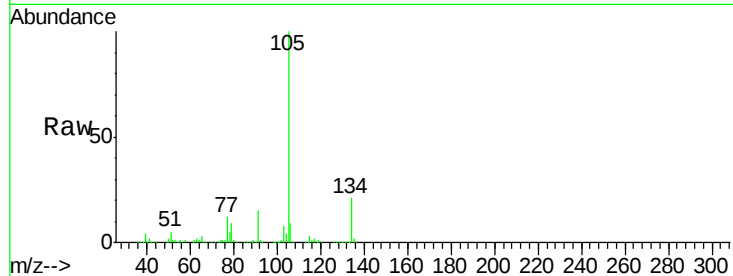
Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 20.454 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

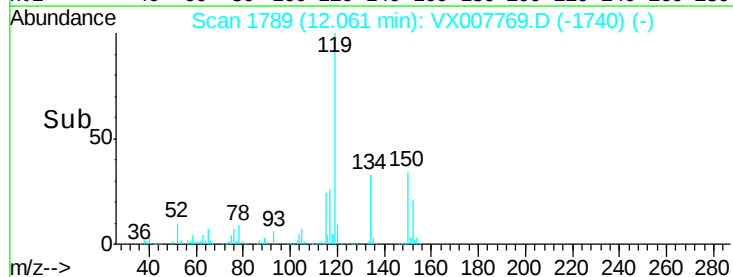
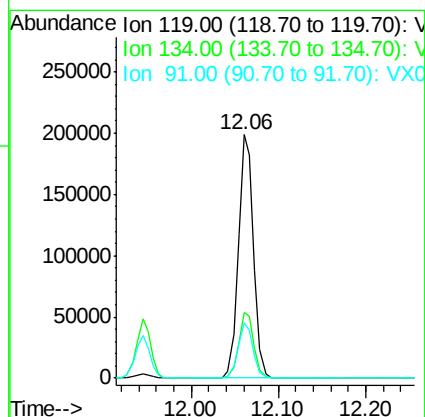
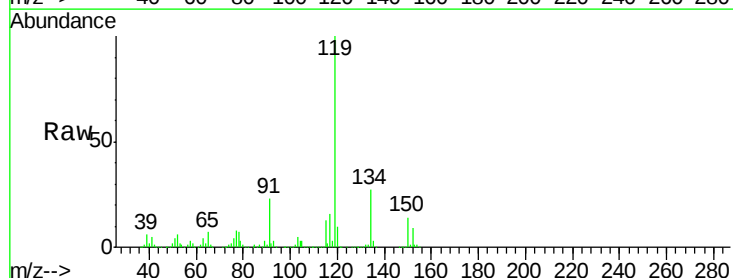
Tgt Ion:119 Resp: 241263

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 22.5 11.2 33.5





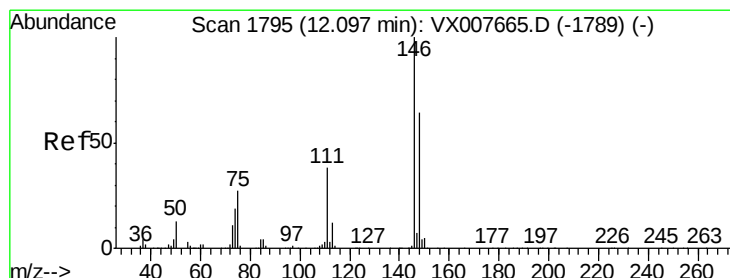
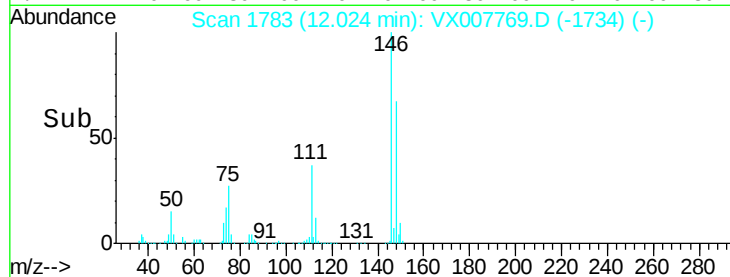
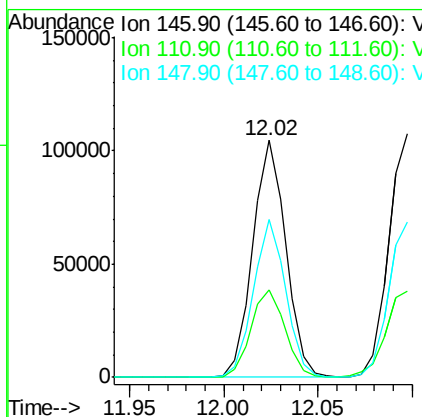
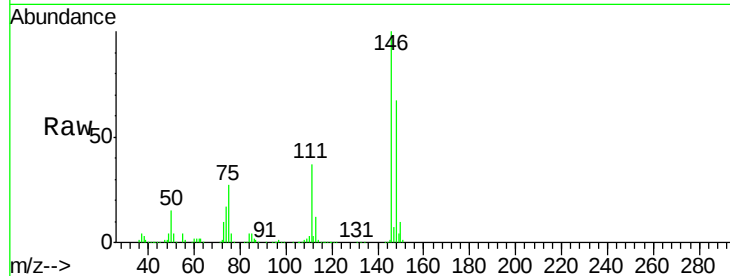
#87
 1,3-Dichlorobenzene
 Concen: 20.150 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	127582		
111	37.8	18.1	54.1	
148	65.0	32.0	96.2	

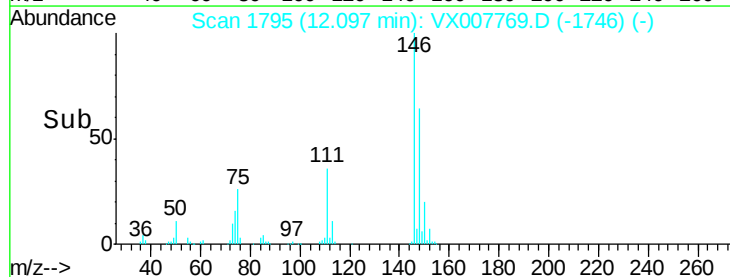
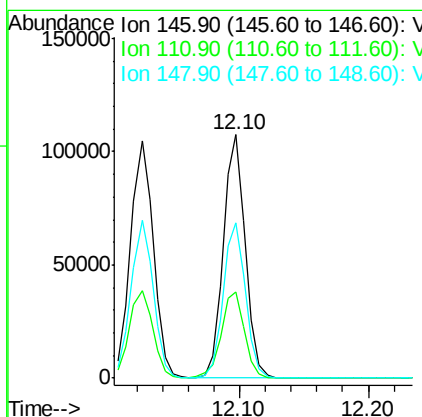
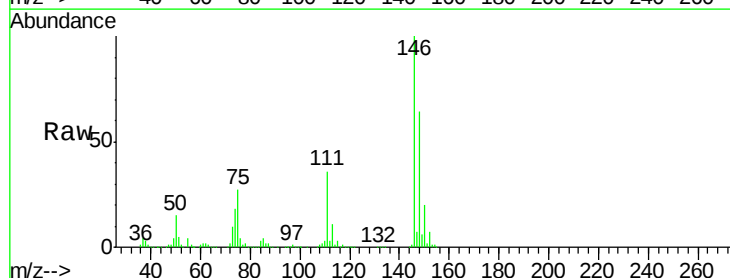
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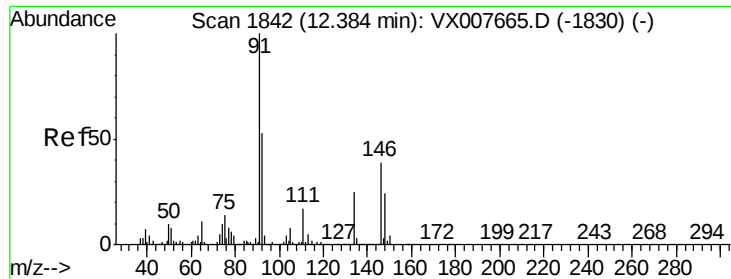
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#88
 1,4-Dichlorobenzene
 Concen: 19.876 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	128888		
111	38.3	18.1	54.1	
148	65.1	32.3	96.9	





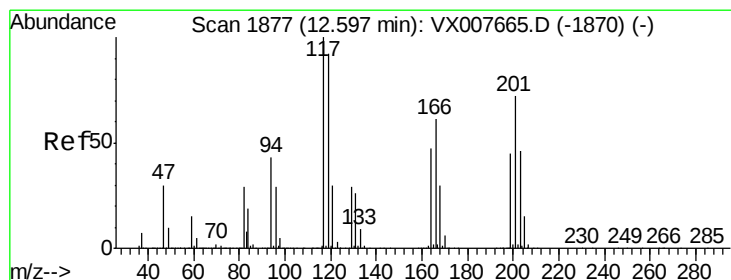
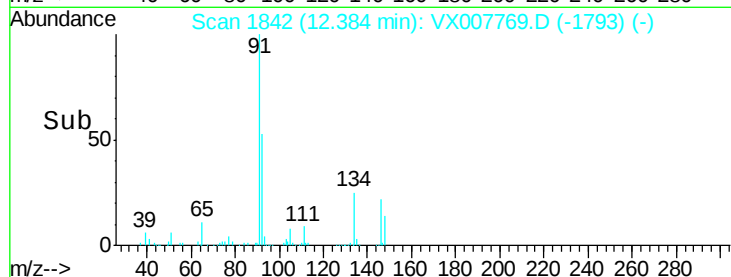
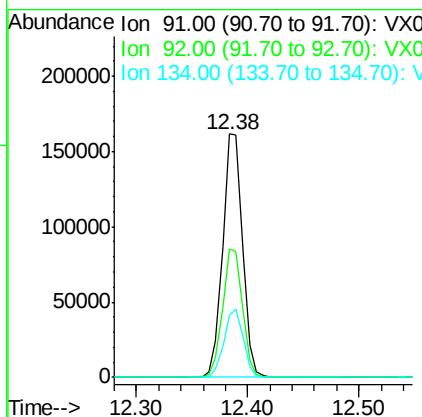
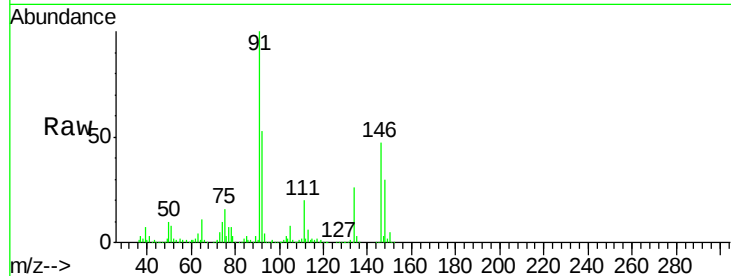
#89
n-Butylbenzene
Concen: 18.948 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.3	78.9
134	27.0	13.9	41.6

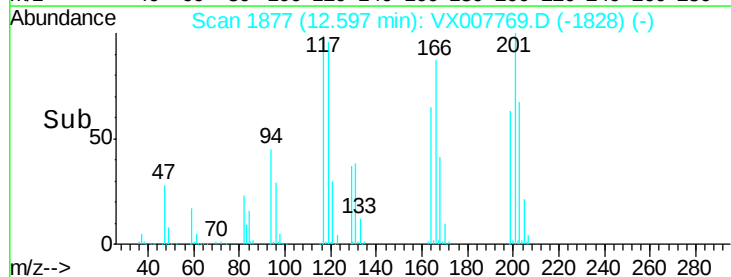
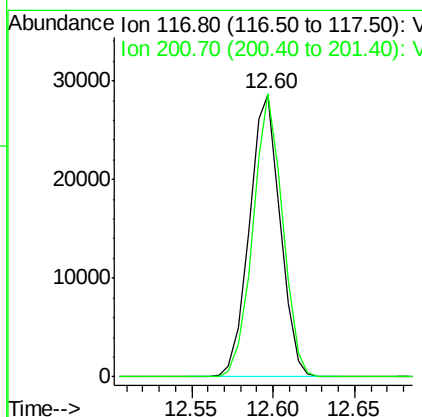
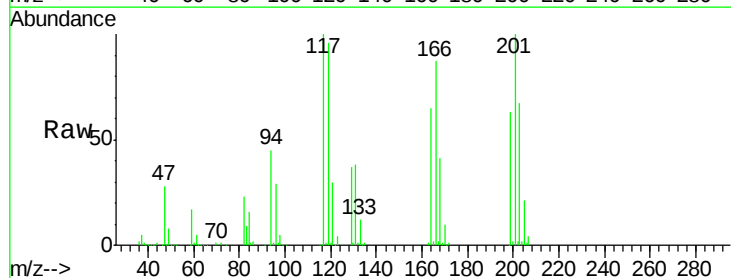
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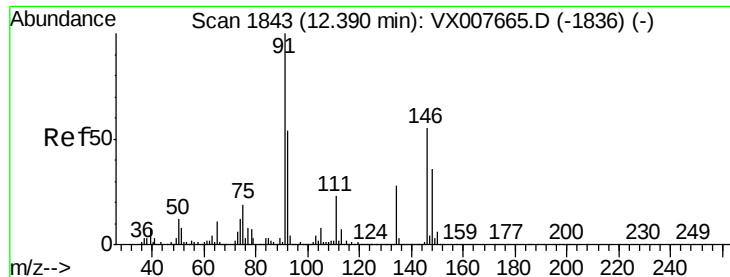
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#90
Hexachloroethane
Concen: 18.945 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.9	44.9	134.7





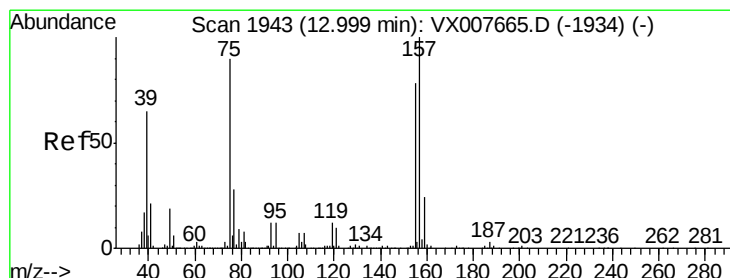
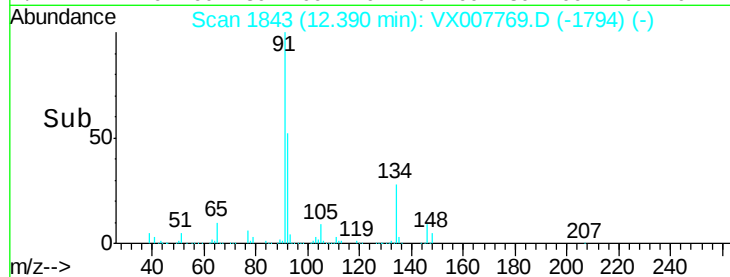
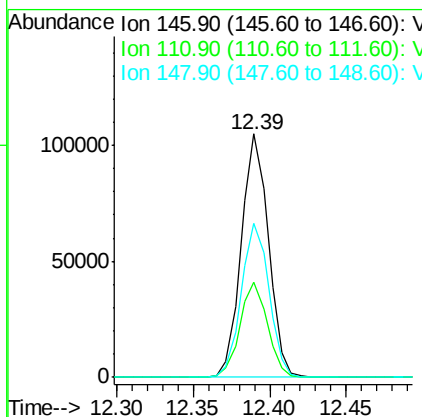
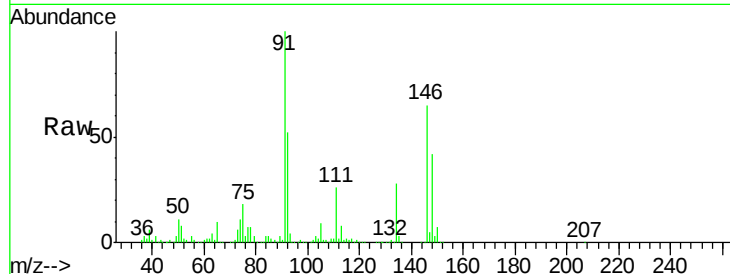
#91
 1,2-Dichlorobenzene
 Concen: 20.414 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129324		
111	39.6	19.1	57.3	
148	64.6	32.1	96.3	

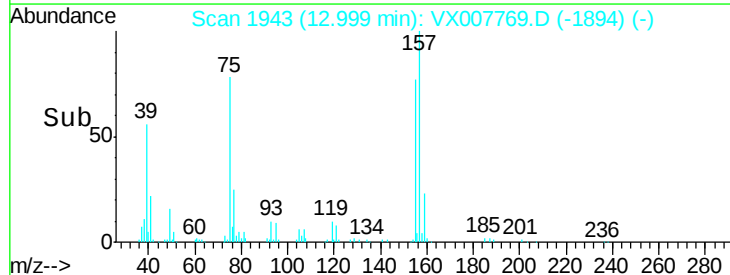
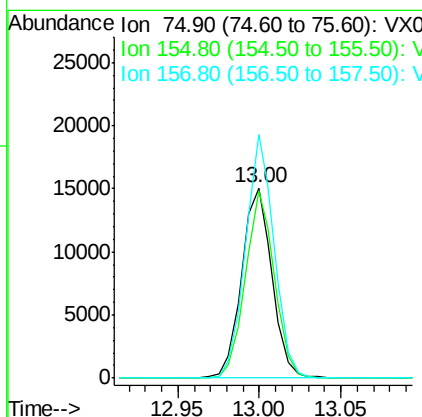
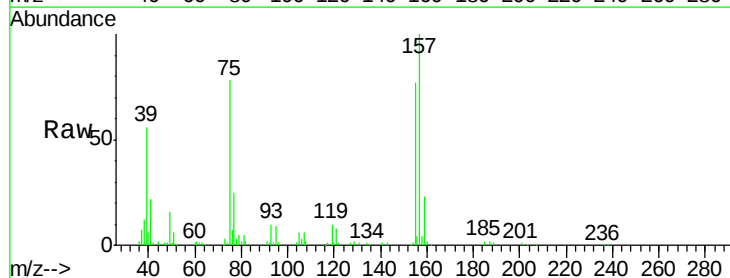
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.941 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19426		
155	94.5	49.6	149.0	
157	121.0	65.1	195.3	





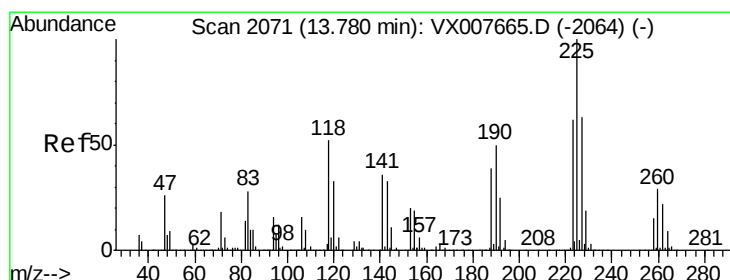
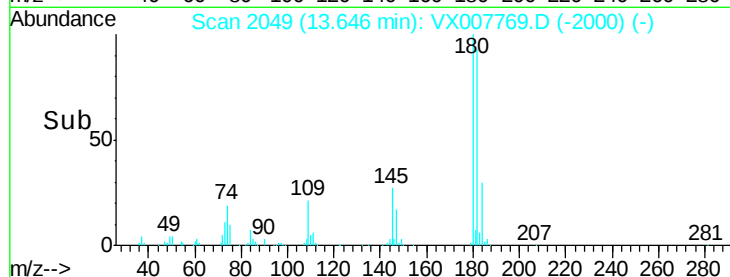
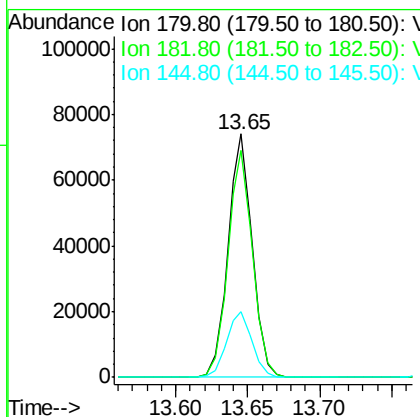
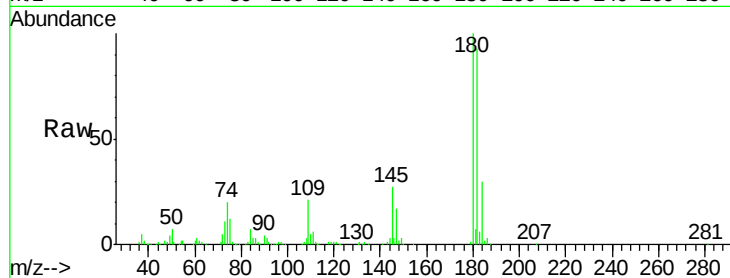
#93
 1,2,4-Trichlorobenzene
 Concen: 22.603 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	47.8	143.3	
145	28.1	14.1	42.2	

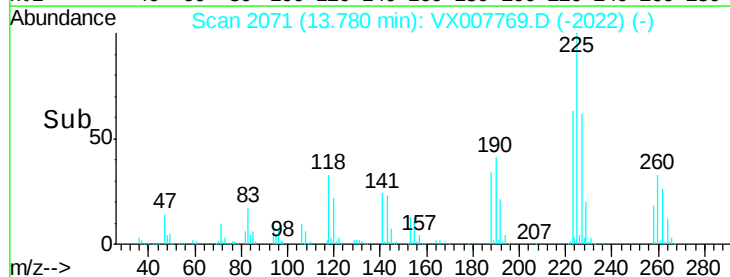
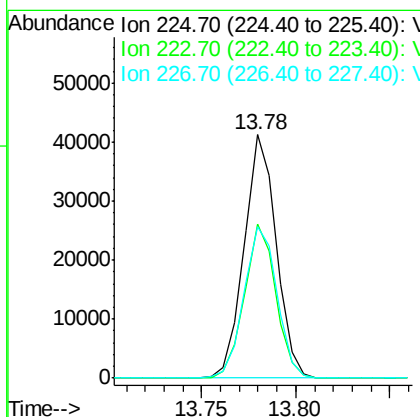
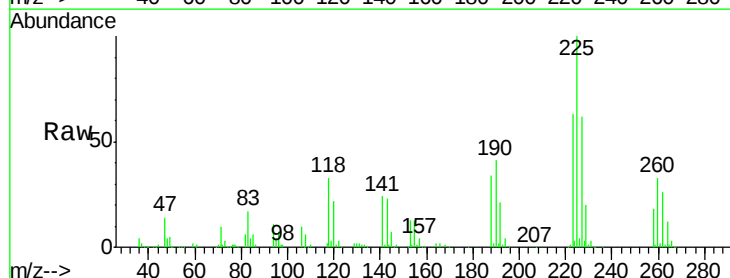
Manual Integrations
 APPROVED

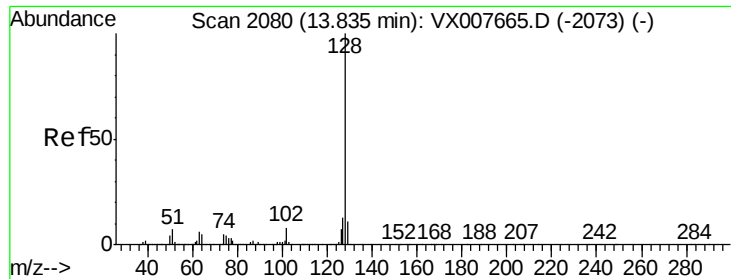
MMDadoda
 3/1/2019 10:04:21 AM



#94
 Hexachlorobutadiene
 Concen: 27.491 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	31.6	94.8	
227	63.9	32.1	96.3	





#95

Naphthalene

Concen: 20.447 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

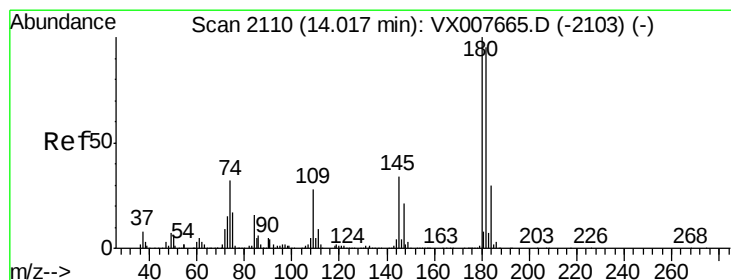
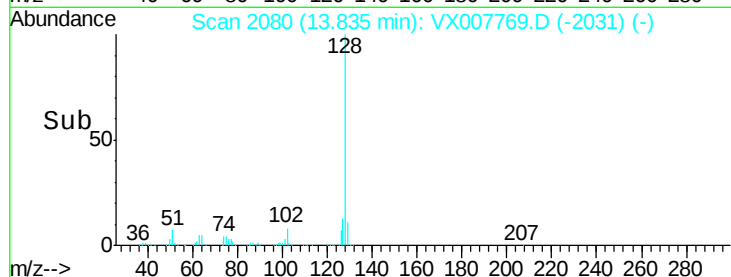
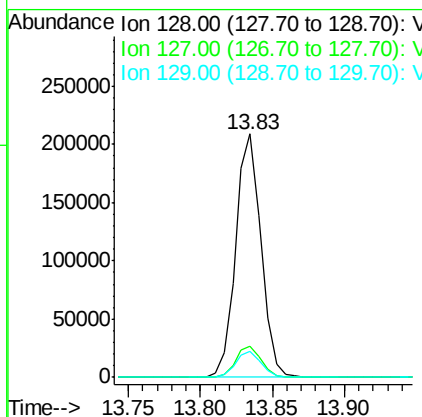
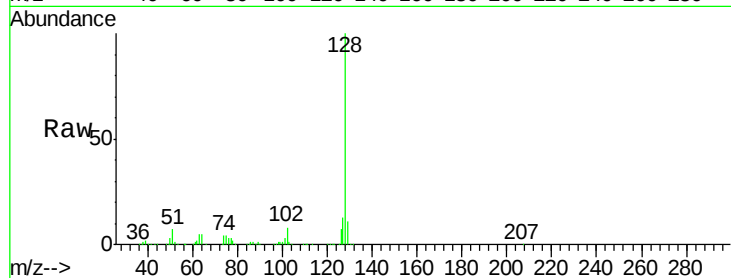
ClientSampleId :

VX0228WBSD01

Tot Ion:	128	Resp:	256170
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/1/2019 10:04:21 AM



#96

1,2,3-Trichlorobenzene

Concen: 22.947 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion:	180	Resp:	89100
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.5	142.6
145	29.1	14.9	44.5

