

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007757.D
 Acq On : 28 Feb 2019 11:05
 Operator : JC/SP
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0228WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:07 AM

Quant Time: Mar 01 01:48:39 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	5.66	168	311950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	436919	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	398046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208027	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	172026	44.52	ug/l	0.00
Spiked Amount			Recovery	=	89.04%	
35) Dibromofluoromethane	5.50	113	141368	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	536884	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.13	95	192680	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	50330	17.514	ug/l	97
3) Chloromethane	1.33	50	53574	16.824	ug/l	98
4) Vinyl Chloride	1.41	62	55866	17.100	ug/l	99
5) Bromomethane	1.64	94	35053	15.975	ug/l	99
6) Chloroethane	1.73	64	35912	17.205	ug/l	99
7) Trichlorofluoromethane	1.93	101	81766	16.326	ug/l	98
8) Diethyl Ether	2.19	74	33809	16.448	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50557	16.701	ug/l	98
10) Methyl Iodide	2.51	142	65381	17.345	ug/l	100
11) Tert butyl alcohol	3.06	59	65916	89.908	ug/l	99
12) 1,1-Dichloroethene	2.38	96	45695	16.746	ug/l	94
13) Acrolein	2.29	56	52575	80.700	ug/l	99
14) Allyl chloride	2.73	41	92210	18.276	ug/l	95
15) Acrylonitrile	3.15	53	156844	90.907	ug/l	99
16) Acetone	2.45	43	157712	91.781	ug/l	98
17) Carbon Disulfide	2.57	76	120679	15.897	ug/l	100
18) Methyl Acetate	2.78	43	71743	19.133	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	161587	17.005	ug/l	99
20) Methylene Chloride	2.86	84	51206	16.138	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	48238	16.261	ug/l	91
22) Diisopropyl ether	3.87	45	187089	17.813	ug/l	96
23) Vinyl Acetate	3.82	43	806672	87.540	ug/l	97
24) 1,1-Dichloroethane	3.70	63	93855	16.442	ug/l	97
25) 2-Butanone	4.70	43	243981	93.211	ug/l	95
26) 2,2-Dichloropropane	4.59	77	74860	16.429	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59346	15.723	ug/l	91
28) Bromochloromethane	5.01	49	47655	17.149	ug/l	86
29) Tetrahydrofuran	5.15	42	156053	90.445	ug/l	93
30) Chloroform	5.21	83	101257	16.560	ug/l	99
31) Cyclohexane	5.57	56	92147	17.162	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	84659	16.742	ug/l	97
36) 1,1-Dichloropropene	5.80	75	75320	19.175	ug/l	97
37) Ethyl Acetate	4.85	43	88345	20.247	ug/l	99
38) Carbon Tetrachloride	5.78	117	72984	18.497	ug/l	98

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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	94131	18.961	ug/l	94
40) Benzene	6.14	78	227917	18.796	ug/l	100
41) Methacrylonitrile	5.06	41	49648	21.308	ug/l	95
42) 1,2-Dichloroethane	6.20	62	81997	20.119	ug/l	99
43) Isopropyl Acetate	6.46	43	133800	19.924	ug/l	98
44) Trichloroethene	7.21	130	62960	18.875	ug/l	97
45) 1,2-Dichloropropane	7.51	63	60689	19.321	ug/l	99
46) Dibromomethane	7.66	93	38582	17.607	ug/l	99
47) Bromodichloromethane	7.90	83	70775	18.637	ug/l	97
48) Methyl methacrylate	7.77	41	71152	20.213	ug/l	93
49) 1,4-Dioxane	7.75	88	28313	372.392	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	453469	100.877	ug/l	99
52) Toluene	8.78	92	144245	18.865	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	76481	18.095	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86275	18.722	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	59062	18.523	ug/l	99
56) Ethyl methacrylate	9.18	69	86186	19.007	ug/l	95
57) 1,3-Dichloropropane	9.37	76	97551	19.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	260343	104.118	ug/l	97
59) 2-Hexanone	9.49	43	349454	99.018	ug/l	98
60) Dibromochloromethane	9.58	129	57503	18.742	ug/l	100
61) 1,2-Dibromoethane	9.67	107	61480	18.571	ug/l	99
64) Tetrachloroethene	9.34	164	66625	20.618	ug/l	98
65) Chlorobenzene	10.13	112	158914	18.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56010	18.651	ug/l	99
67) Ethyl Benzene	10.25	91	265072	18.587	ug/l	100
68) m/p-Xylenes	10.36	106	206074	37.144	ug/l	96
69) o-Xylene	10.69	106	98484	18.455	ug/l	96
70) Styrene	10.71	104	161636	18.427	ug/l	98
71) Bromoform	10.85	173	43421	19.282	ug/l #	99
73) Isopropylbenzene	11.02	105	267948	18.022	ug/l	99
74) N-amyl acetate	10.90	43	115190	17.841	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87480	17.012	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	75590m	17.047	ug/l	
77) Bromobenzene	11.26	156	71576	19.193	ug/l	93
78) n-propylbenzene	11.36	91	303802	18.082	ug/l	97
79) 2-Chlorotoluene	11.42	91	180544	17.847	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	224084	18.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23728	16.486	ug/l	92
82) 4-Chlorotoluene	11.51	91	209163	17.674	ug/l	99
83) tert-Butylbenzene	11.77	119	216168	18.409	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	228435	18.261	ug/l	99
85) sec-Butylbenzene	11.94	105	268200	18.227	ug/l	99
86) p-Isopropyltoluene	12.06	119	240271	18.646	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126353	18.266	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	128464	18.134	ug/l	99
89) n-Butylbenzene	12.39	91	200765	17.470	ug/l	99
90) Hexachloroethane	12.60	117	37227	17.145	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	128098	18.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18145	16.194	ug/l	93

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Instrument :
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 ClientSampleId :
 VX0228WBS01

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	87259	20.654	ug/l	100
94) Hexachlorobutadiene	13.78	225	48944	25.324	ug/l	98
95) Naphthalene	13.83	128	250654	18.312	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	86877	20.480	ug/l	99

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

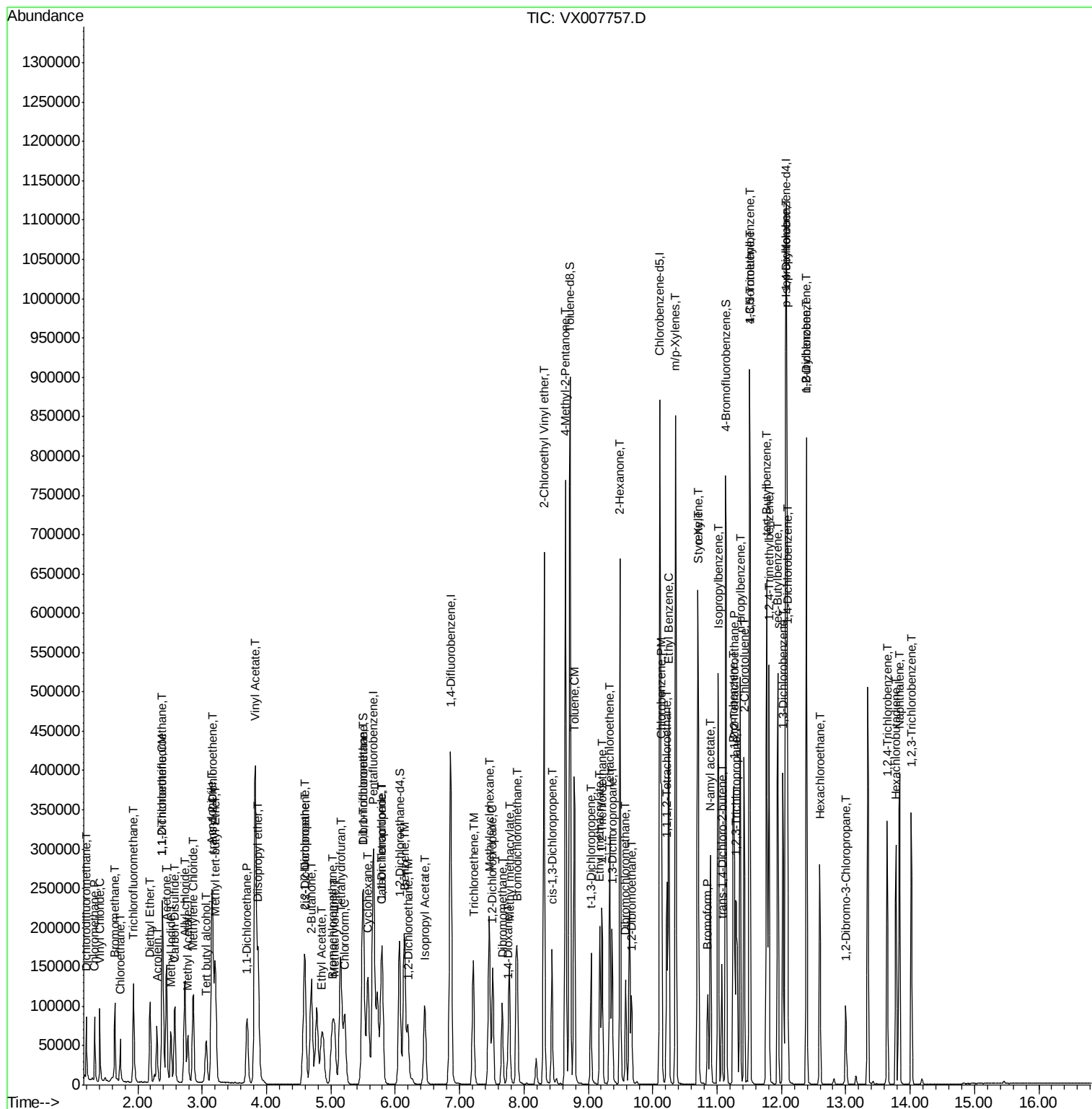
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Data File : VX007757.D
Acq On : 28 Feb 2019 11:05
Operator : JC/SP
Sample : VX0228WBS01
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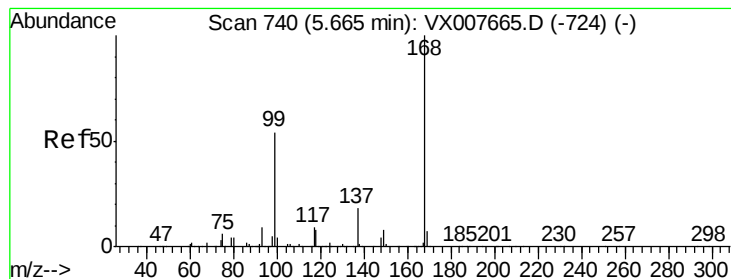
Instrument :
MSVOA_X
Client Sampled :
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#1

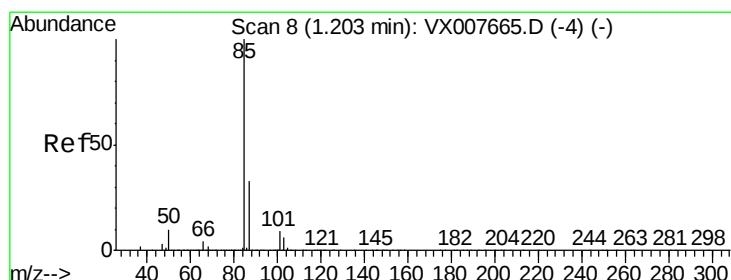
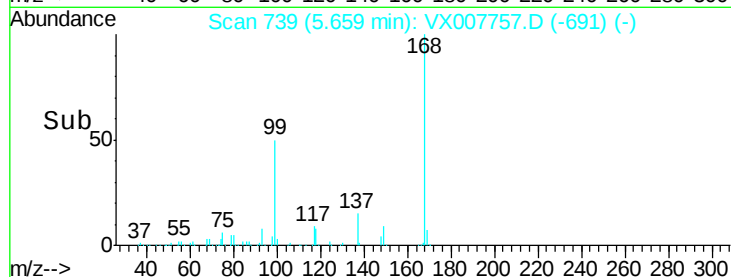
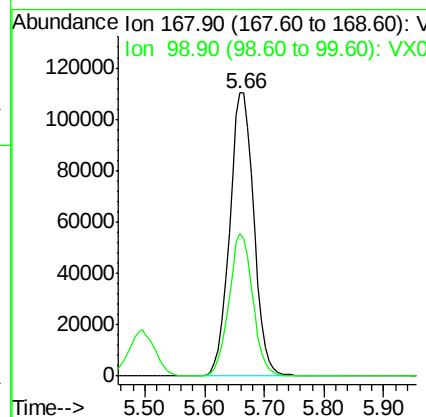
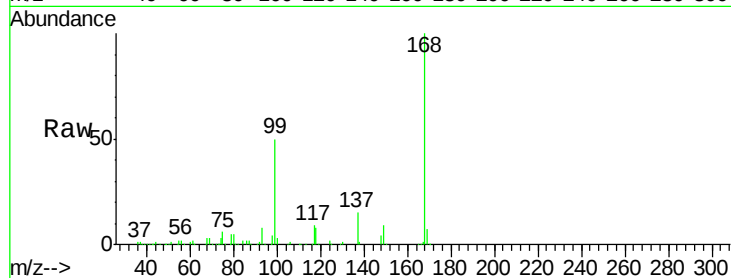
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.4	37.9	56.9

Manual Integrations
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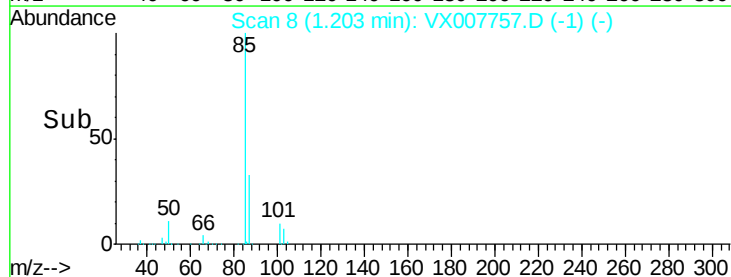
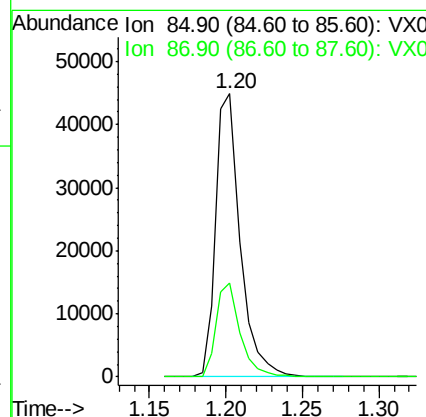
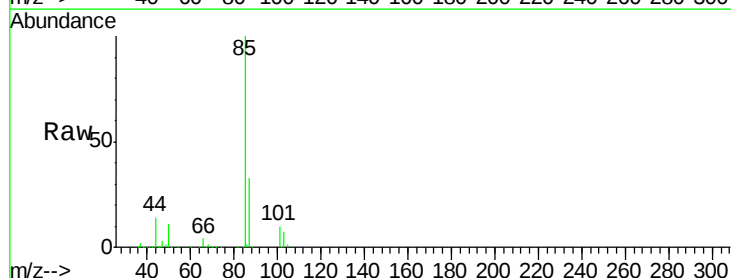
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 3/1/2019 10:04:07 AM



#2

Dichlorodifluoromethane
 Concen: 17.514 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.8	47.4





#3

Chloromethane

Concen: 16.824 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 50 Resp: 53574

Ion Ratio Lower Upper

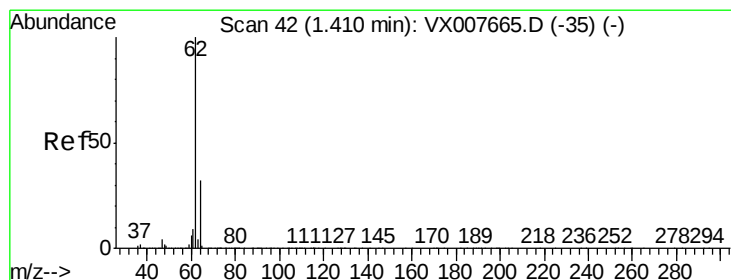
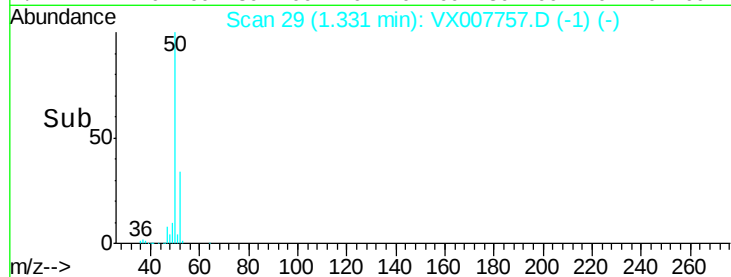
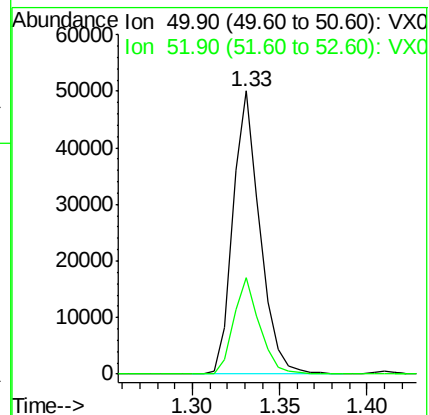
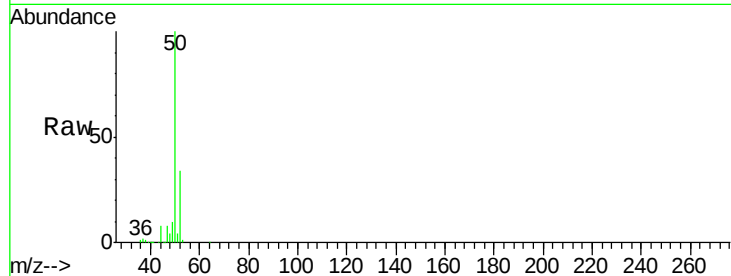
50 100

52 33.9 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.100 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007757.D

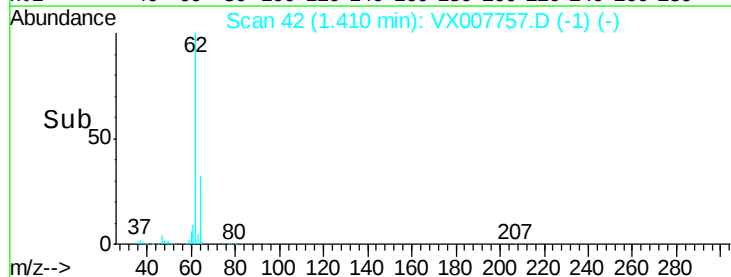
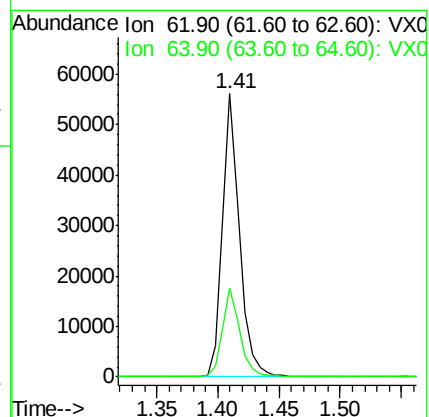
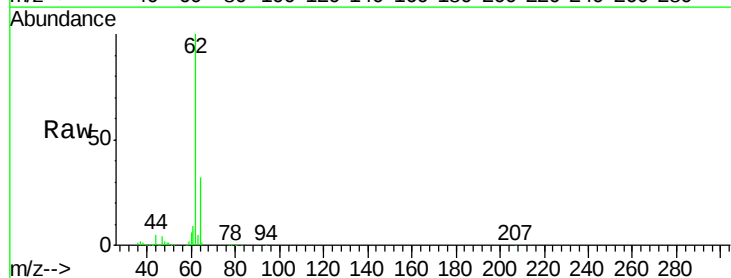
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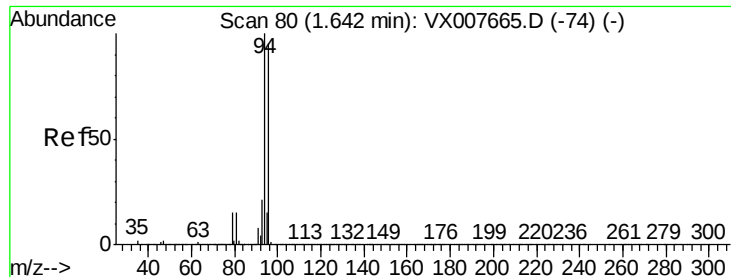
Tgt Ion: 62 Resp: 55866

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 15.975 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 94 Resp: 35053

Ion Ratio Lower Upper

94 100

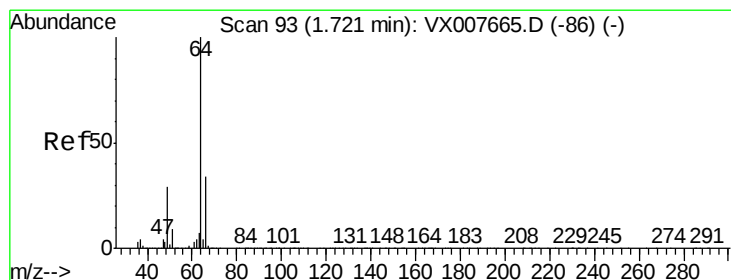
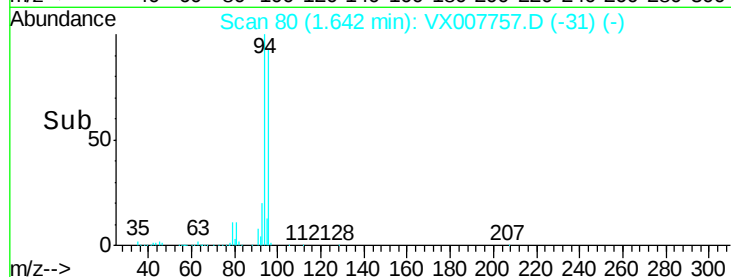
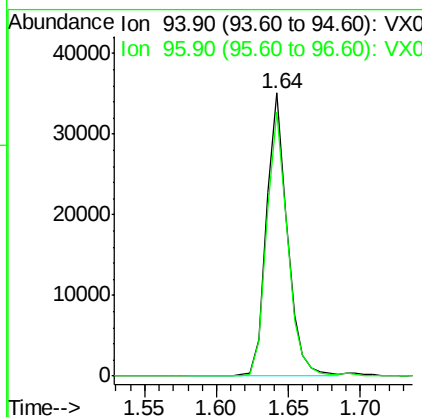
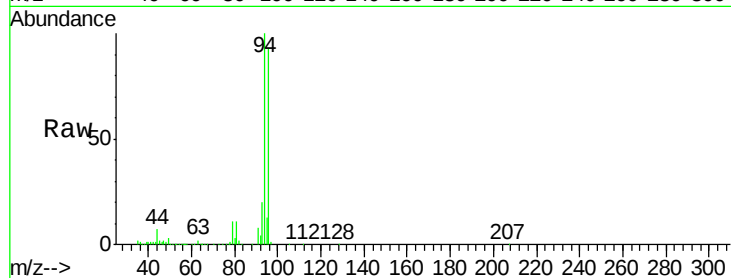
96 93.3 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 17.205 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007757.D

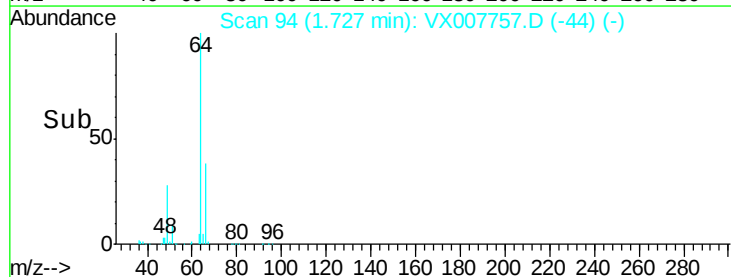
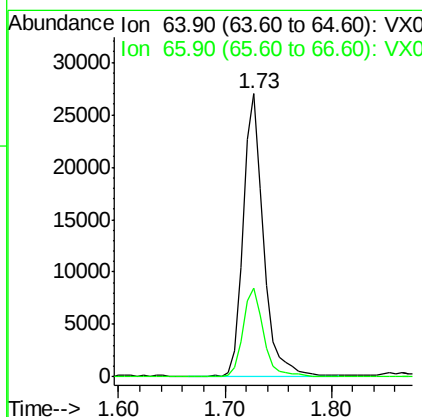
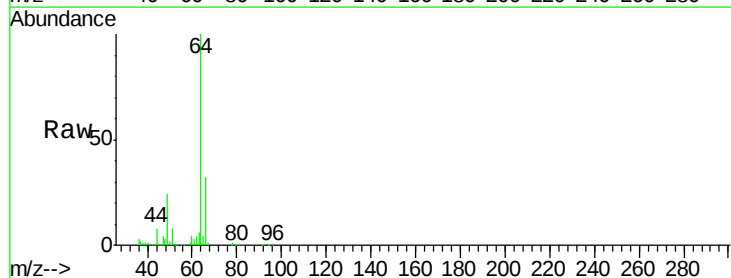
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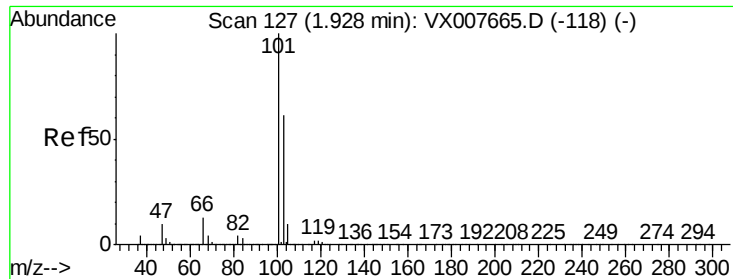
Tgt Ion: 64 Resp: 35912

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

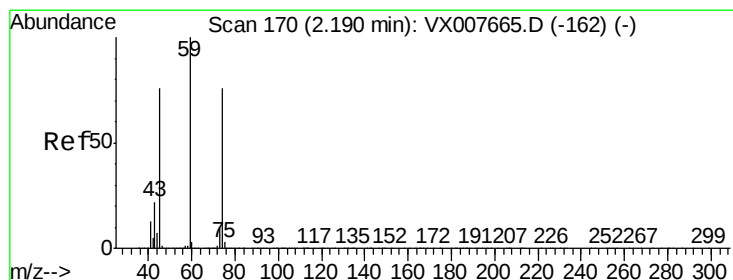
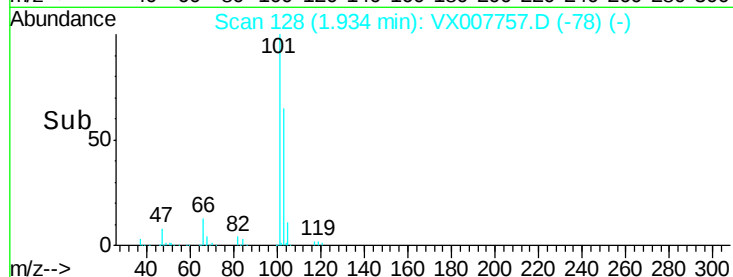
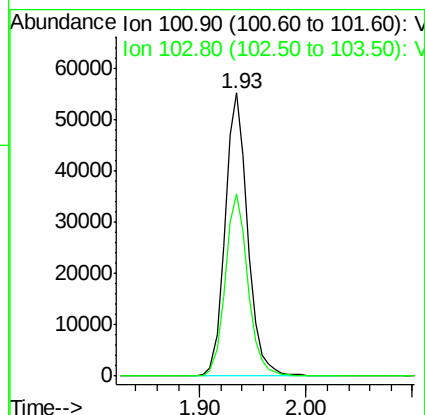
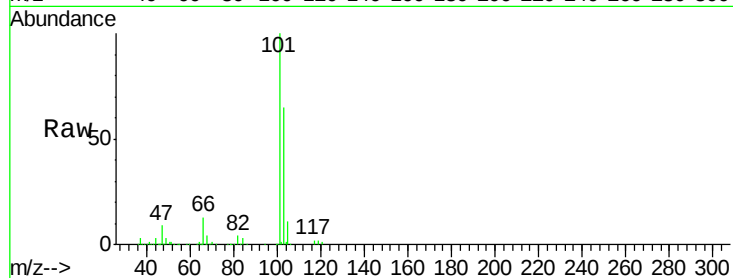
Trichlorofluoromethane
Concen: 16.326 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.6	79.0

Manual Integrations
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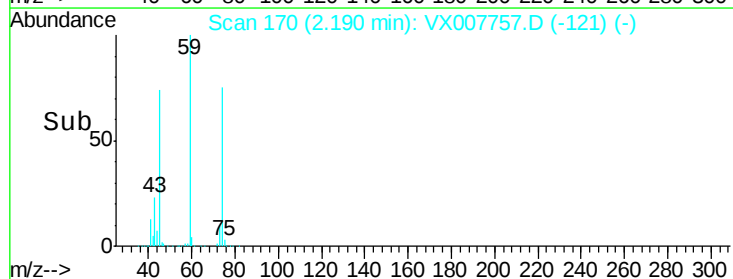
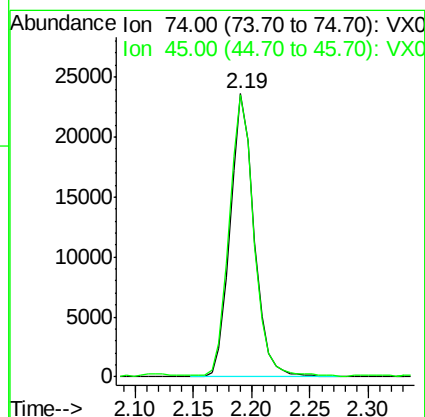
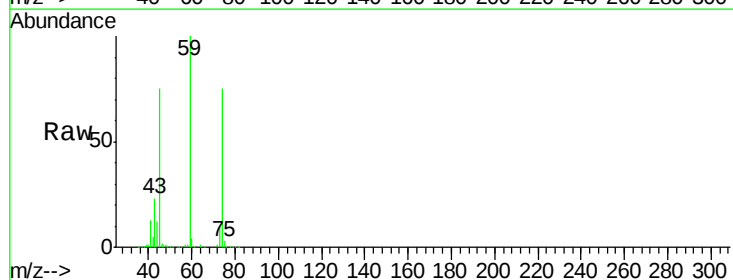
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3/1/2019 10:04:07 AM



#8

Diethyl Ether
Concen: 16.448 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.701 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

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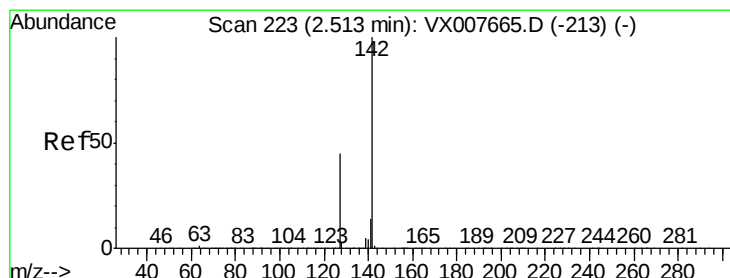
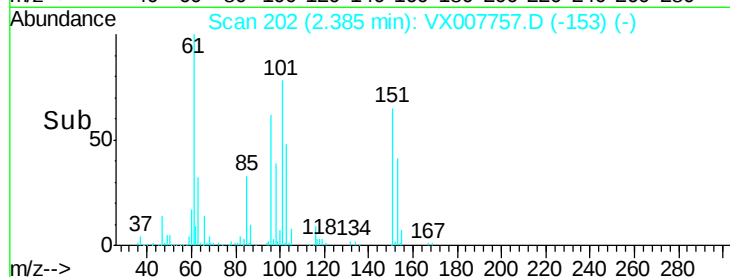
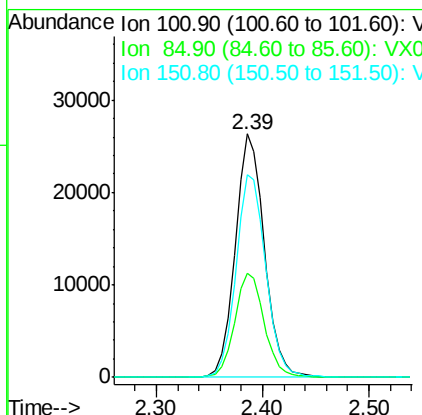
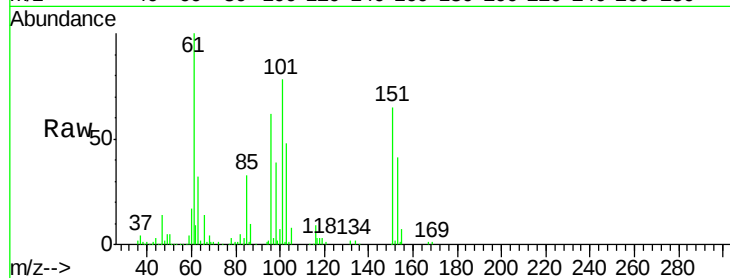
ClientSampleId :

VX0228WBS01

Tot Ion:	101	Resp:	50557
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.1	51.1
151	85.2	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 17.345 ug/l

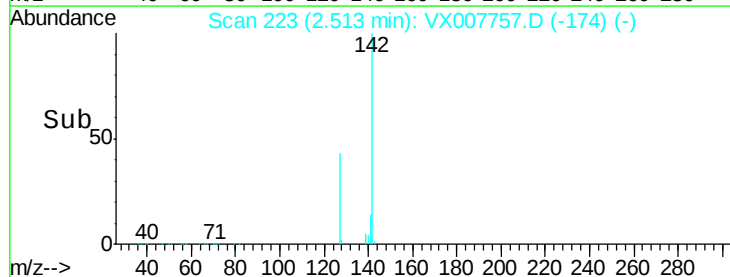
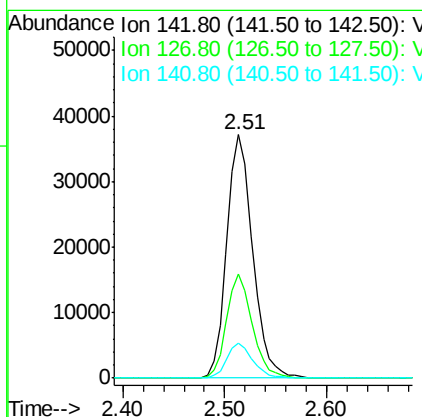
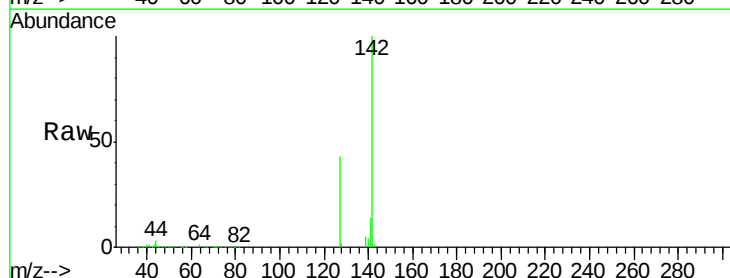
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tgt Ion:	142	Resp:	65381
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.7	50.5
141	14.4	11.3	16.9





#11

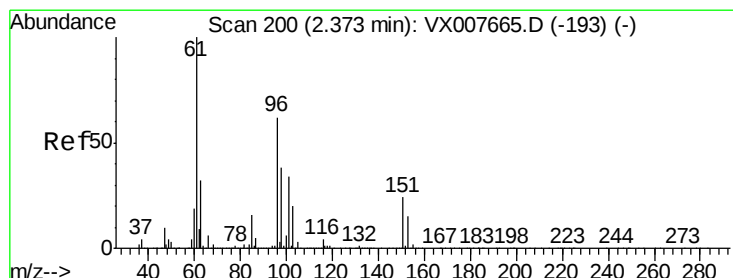
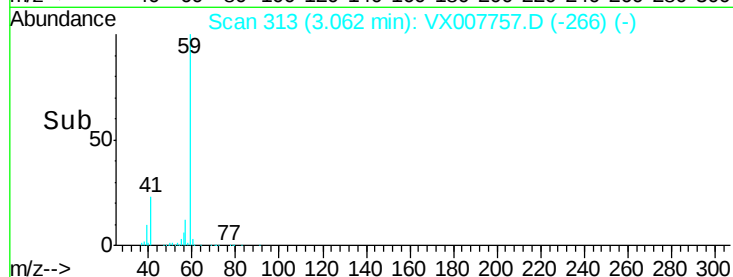
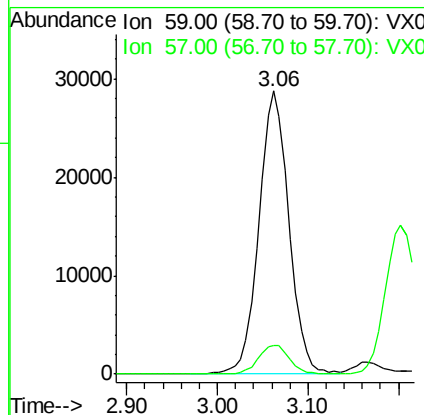
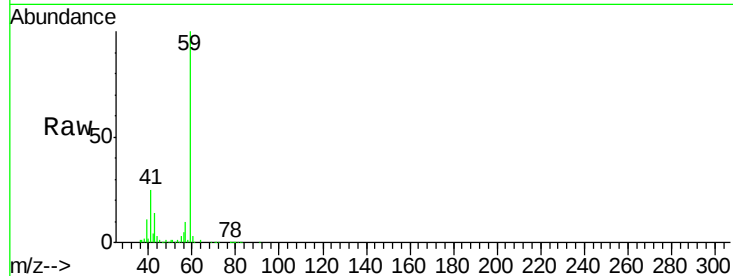
Tert butyl alcohol
Concen: 89.908 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

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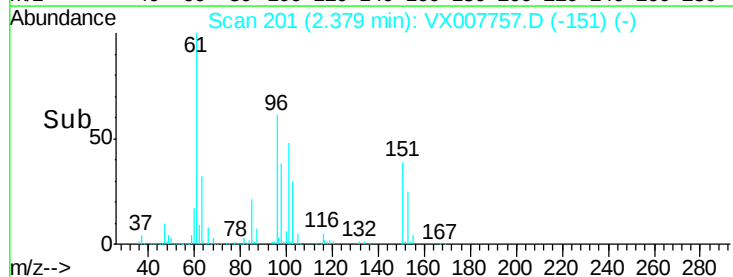
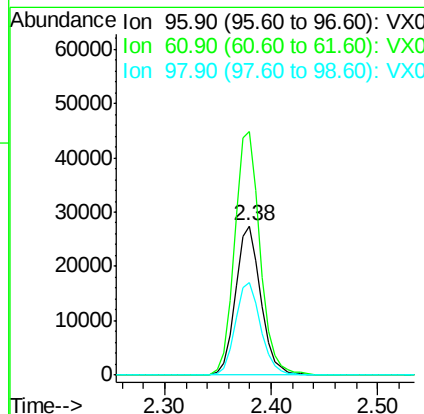
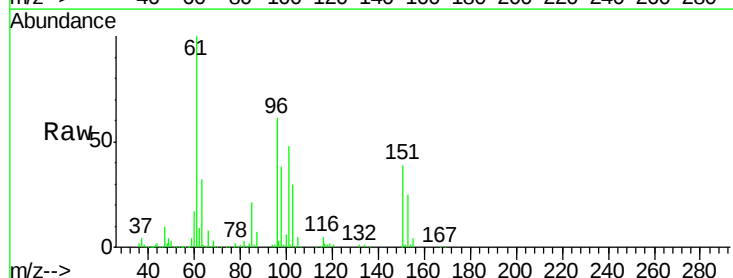
MMDadoda
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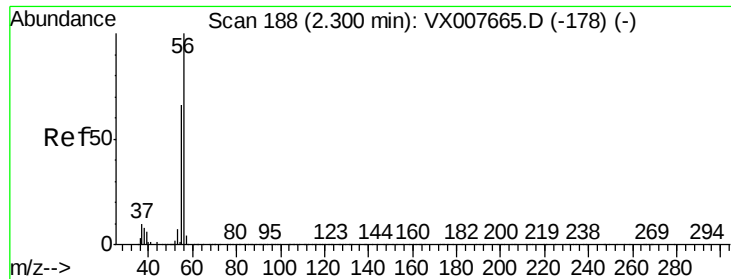


#12

1,1-Dichloroethene
Concen: 16.746 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	123.0	184.4
98	62.2	50.9	76.3





#13

Acrolein

Concen: 80.700 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 56 Resp: 52575

Ion Ratio Lower Upper

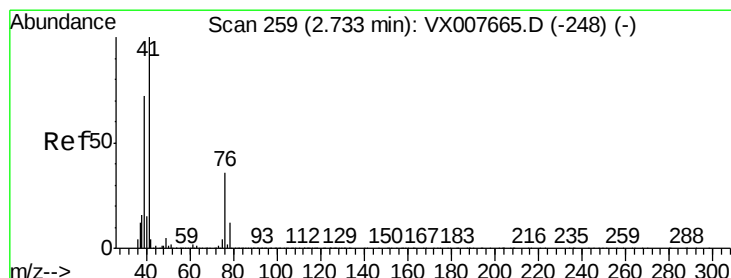
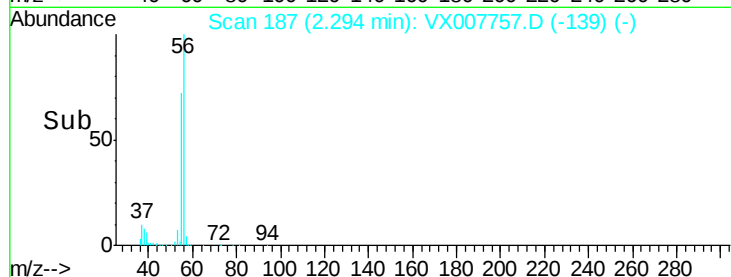
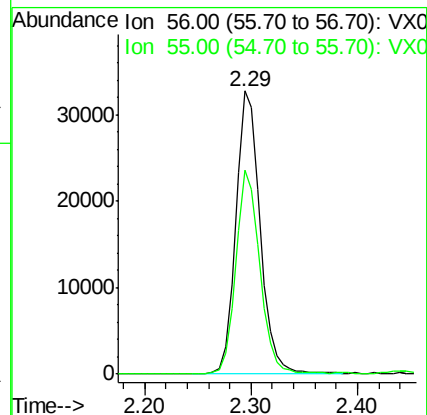
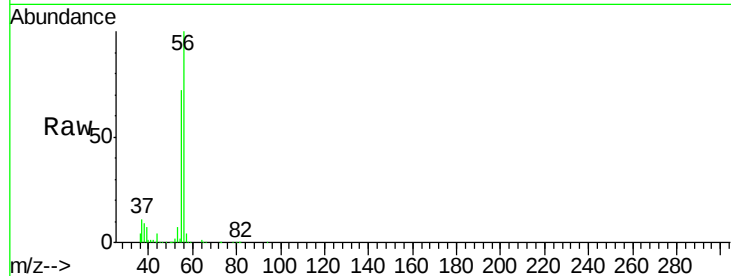
56 100

55 70.4 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 18.276 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

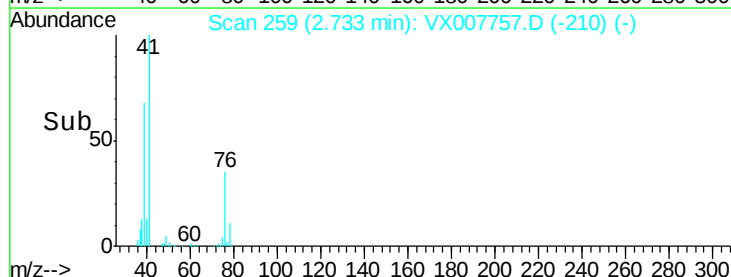
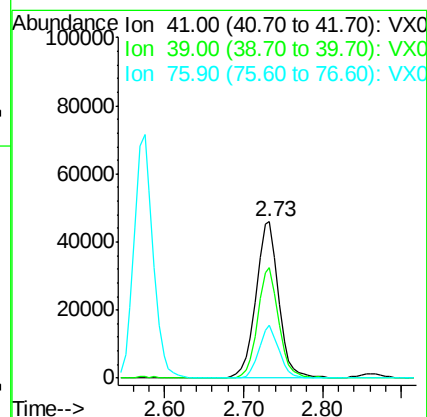
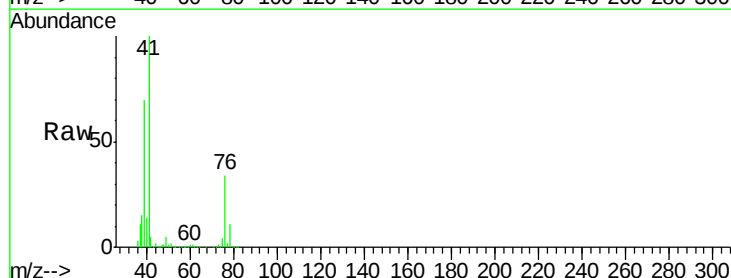
Tgt Ion: 41 Resp: 92210

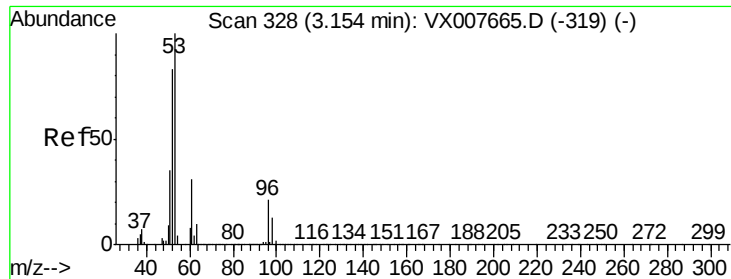
Ion Ratio Lower Upper

41 100

39 64.8 54.1 81.1

76 29.8 27.8 41.8





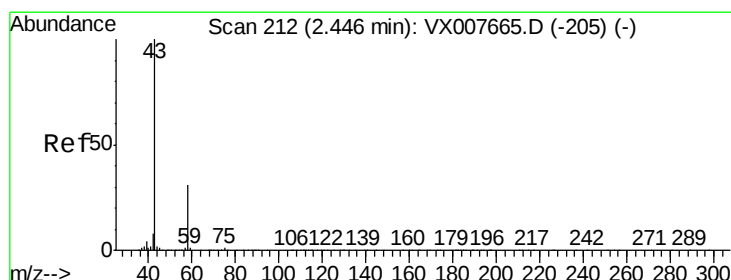
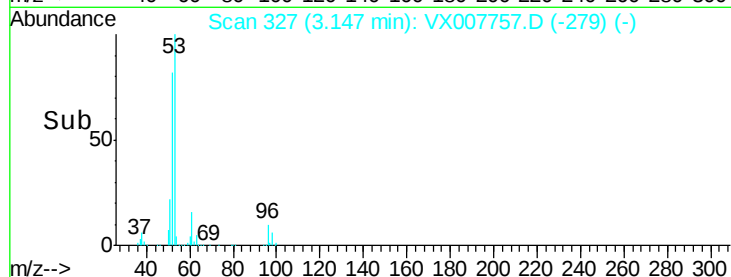
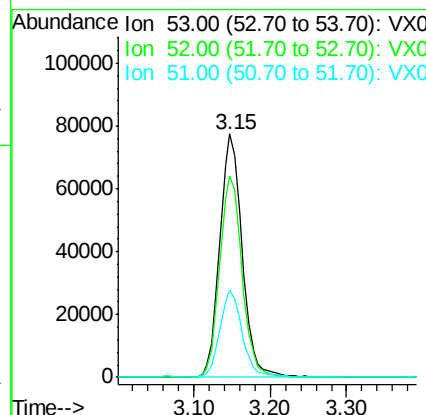
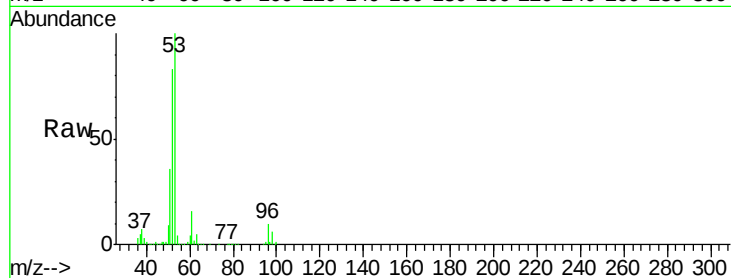
#15
 Acrylonitrile
 Concen: 90.907 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	35.8	28.4	42.6

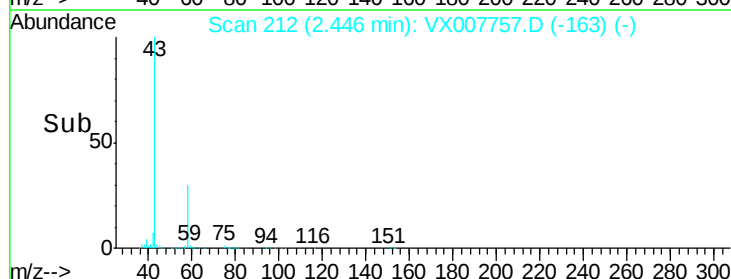
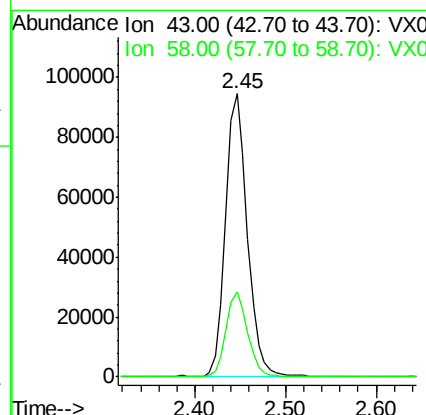
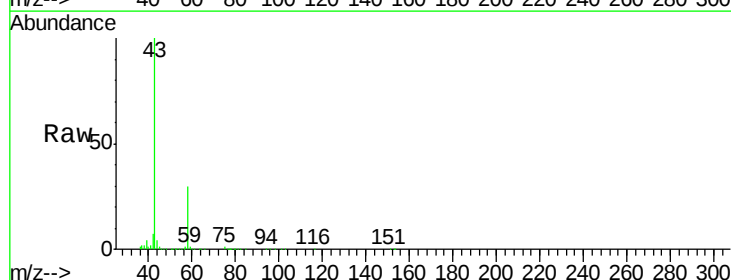
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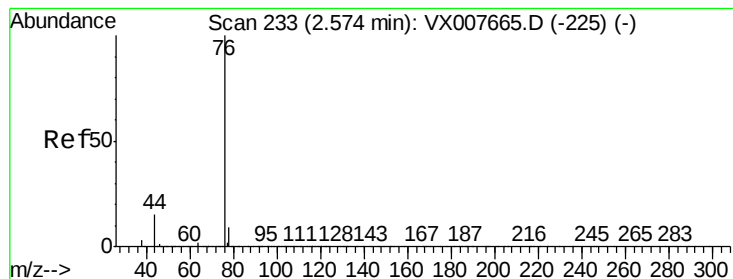
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#16
 Acetone
 Concen: 91.781 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.9	37.3





#17

Carbon Disulfide

Concen: 15.897 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 76 Resp: 120679

Ion Ratio Lower Upper

76 100

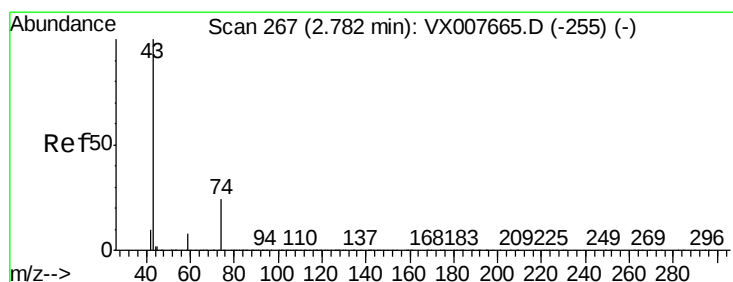
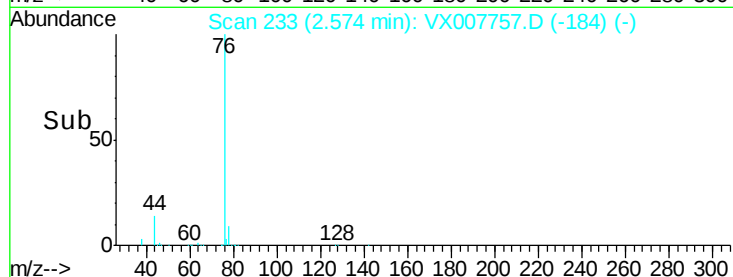
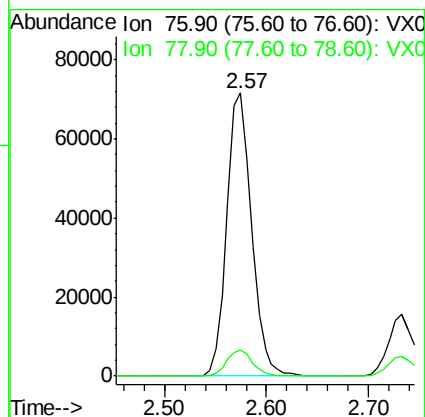
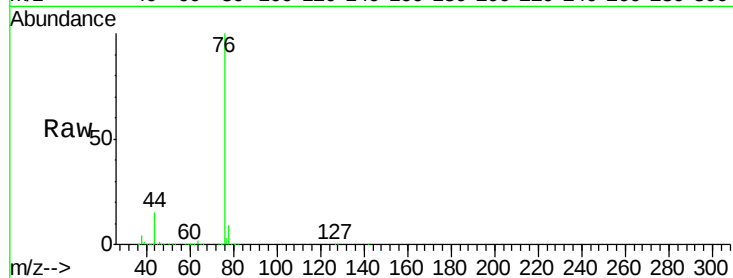
78 8.9 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 19.133 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007757.D

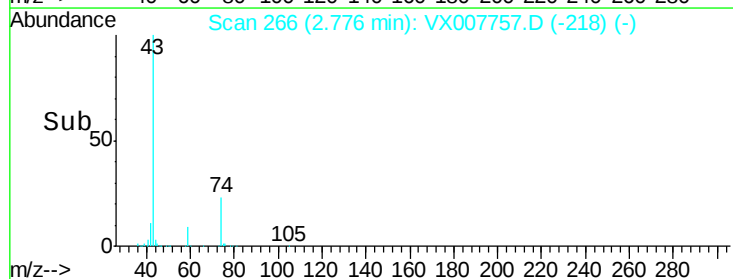
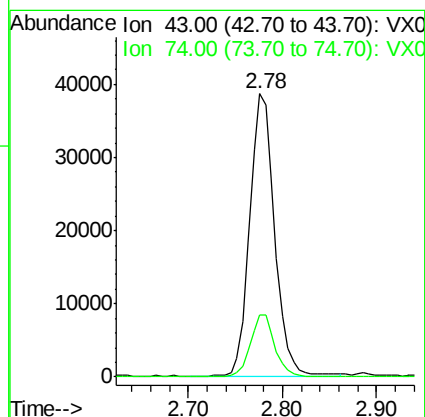
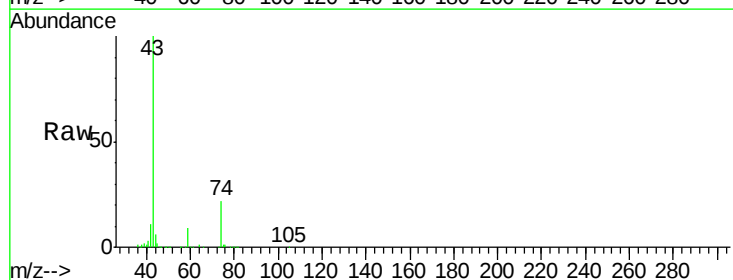
Acq: 28 Feb 2019 11:05

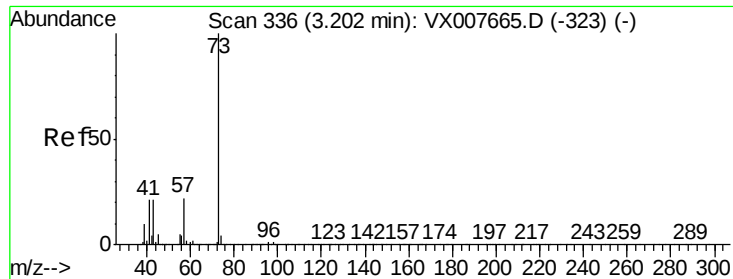
Tgt Ion: 43 Resp: 71743

Ion Ratio Lower Upper

43 100

74 21.9 19.4 29.2





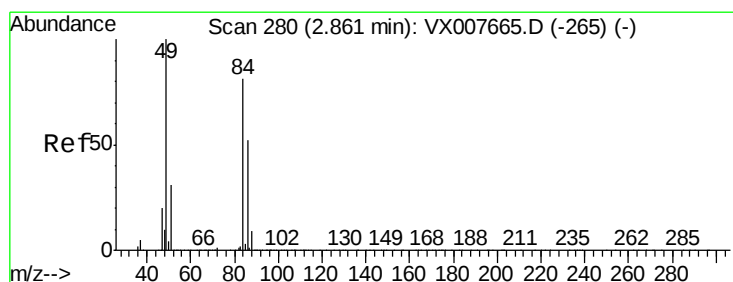
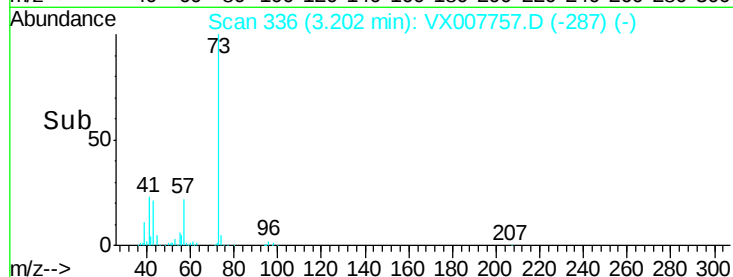
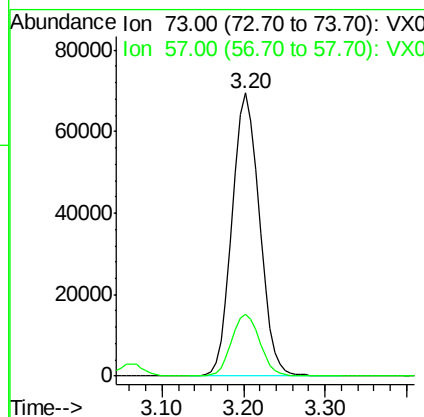
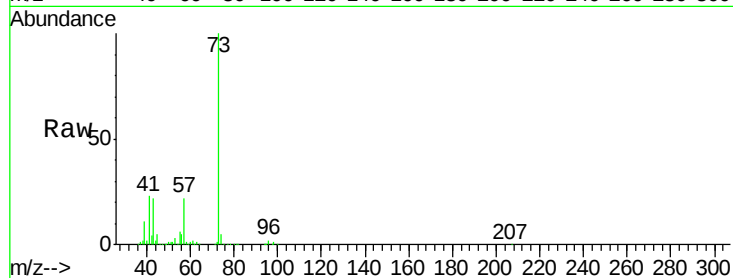
#19
Methvl tert-butvl Ether
Concen: 17.005 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.8

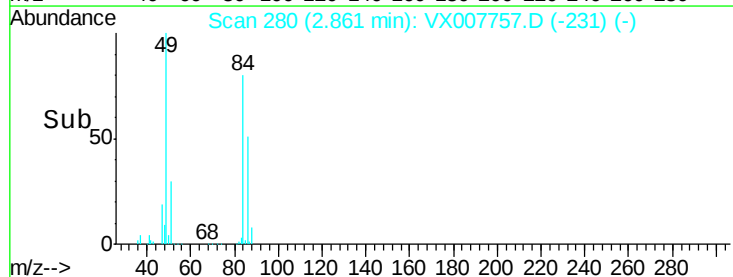
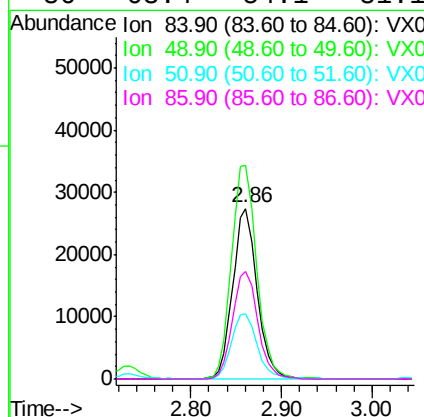
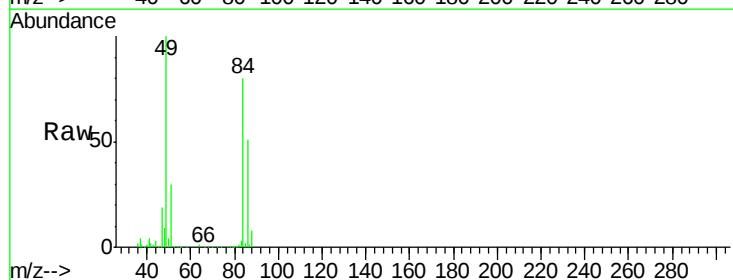
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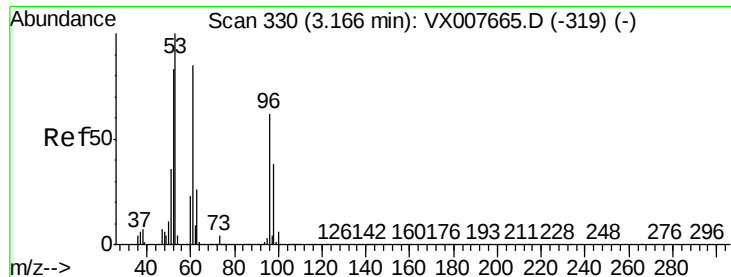
MMDadoda
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#20
Methylene Chloride
Concen: 16.138 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	94.8	142.2
51	37.8	29.8	44.8
86	63.4	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 16.261 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

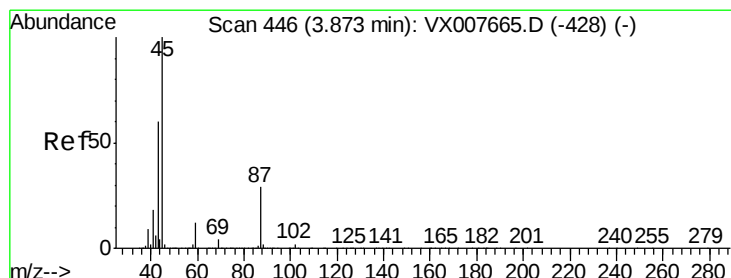
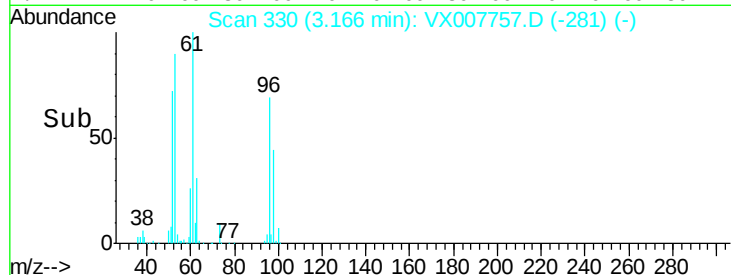
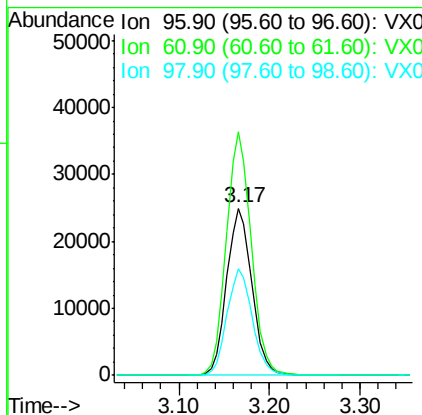
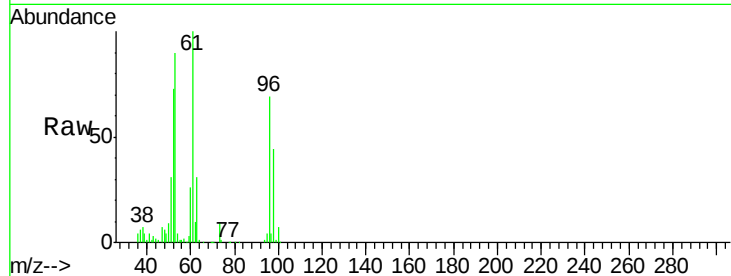
ClientSampleId :

VX0228WBS01

Tot Ion:	96	Resp:	48238
Ion	Ratio	Lower	Upper
96	100		
61	145.4	104.6	156.8
98	63.4	51.0	76.4

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#22

Diisopropyl ether

Concen: 17.813 ug/l

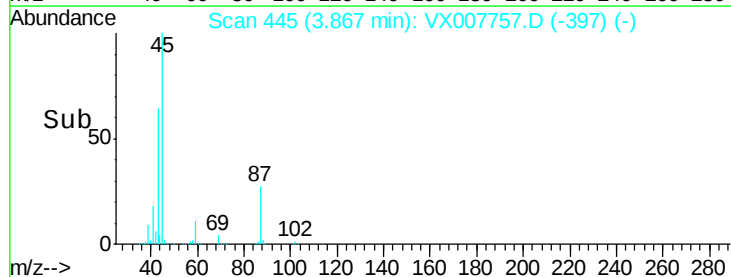
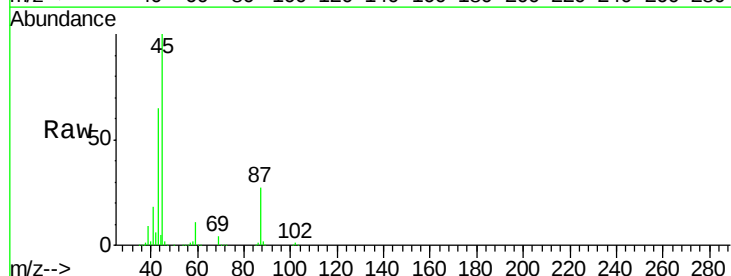
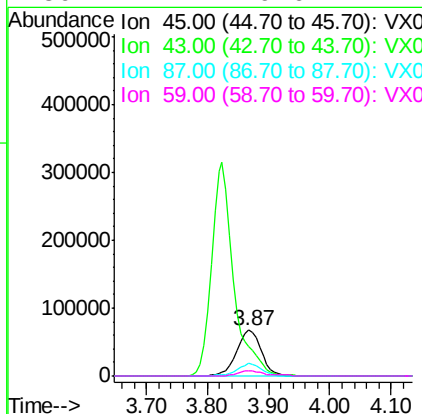
RT: 3.87 min Scan# 445

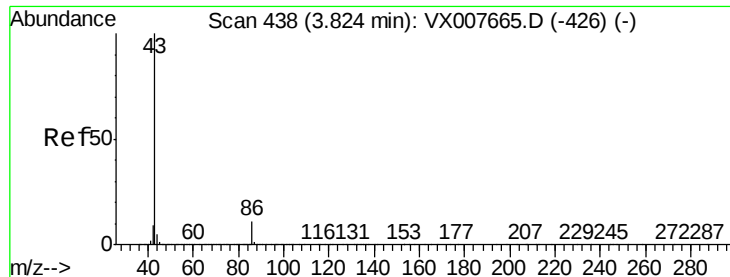
Delta R.T. -0.01 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tgt Ion:	45	Resp:	187089
Ion	Ratio	Lower	Upper
45	100		
43	64.4	48.9	73.3
87	27.3	23.9	35.9
59	11.4	9.6	14.4





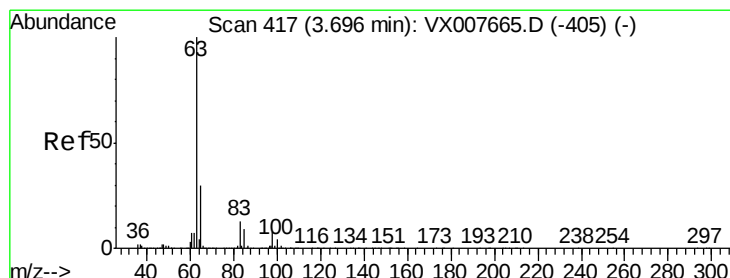
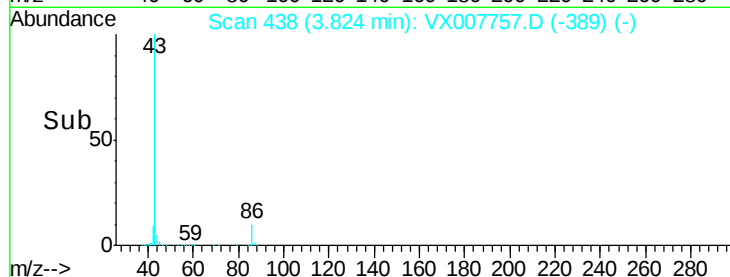
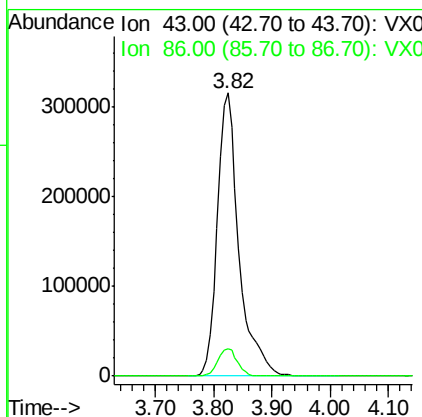
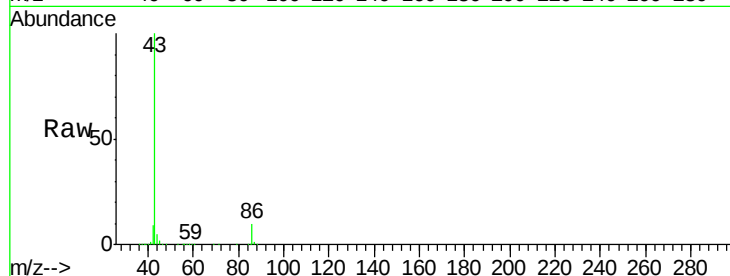
#23
 Vinyl Acetate
 Concen: 87.540 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.7	13.1

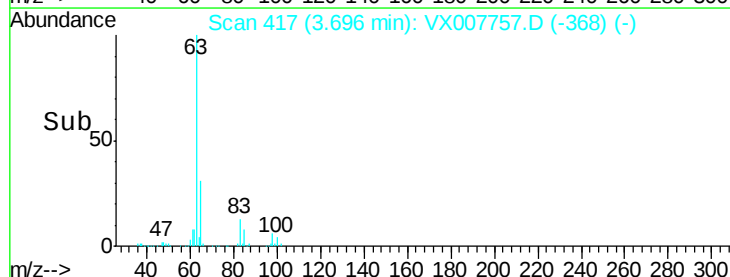
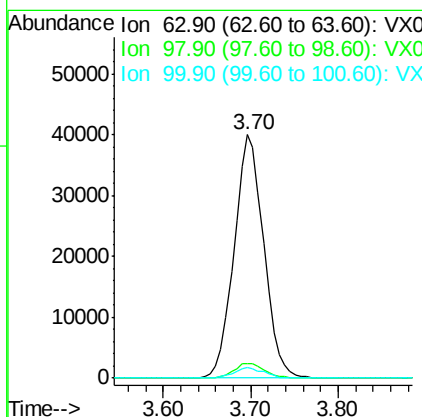
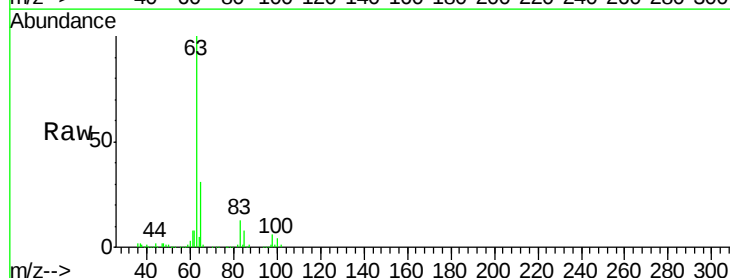
Manual Integrations
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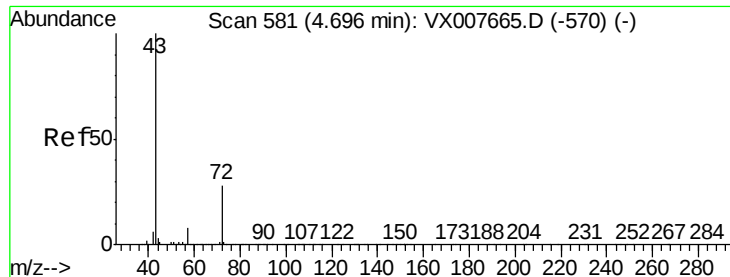
MMDadoda
 3/1/2019 10:04:07 AM



#24
 1,1-Dichloroethane
 Concen: 16.442 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.6	10.8
100	4.3	2.5	7.4





#25

2-Butanone

Concen: 93.211 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tot Ion: 43 Resp: 243981

Ion Ratio Lower Upper

43 100

72 25.3 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

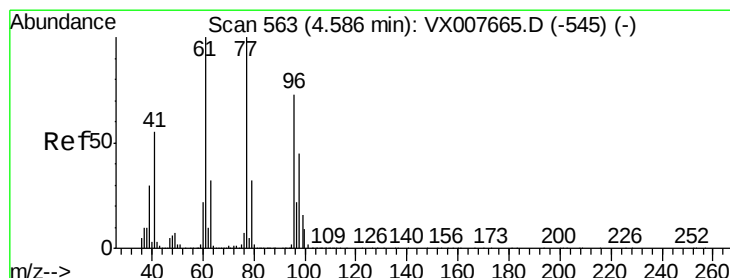
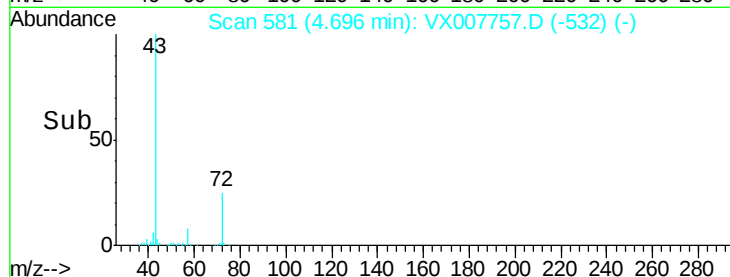
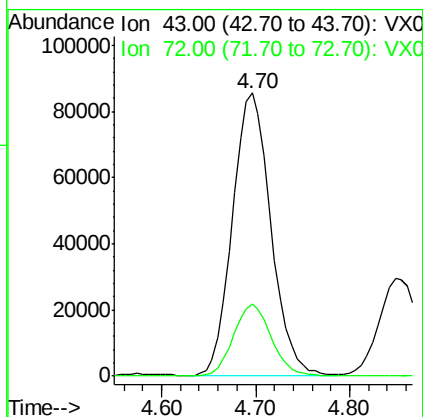
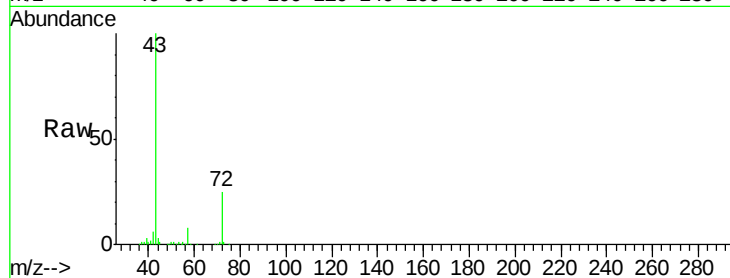
VX0228WBS01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.429 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007757.D

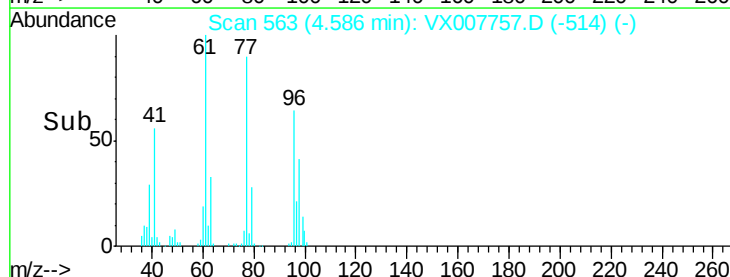
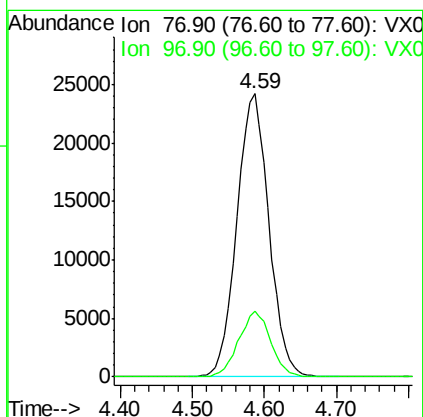
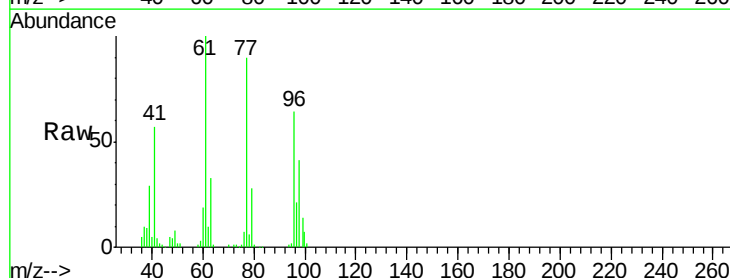
Acq: 28 Feb 2019 11:05

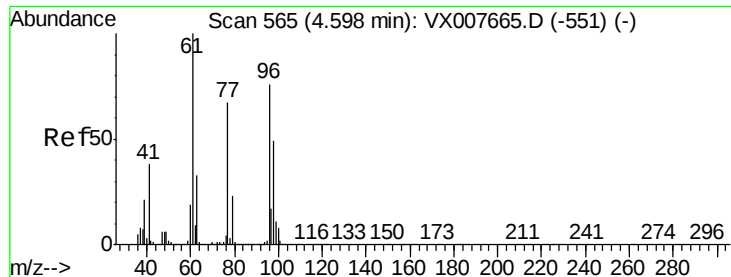
Tgt Ion: 77 Resp: 74860

Ion Ratio Lower Upper

77 100

97 23.1 12.1 36.3





#27

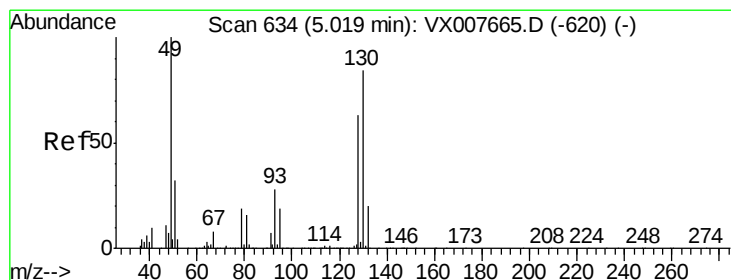
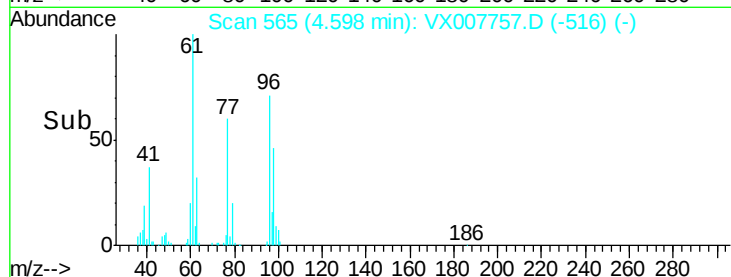
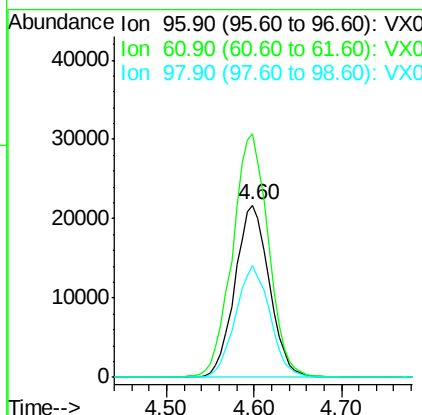
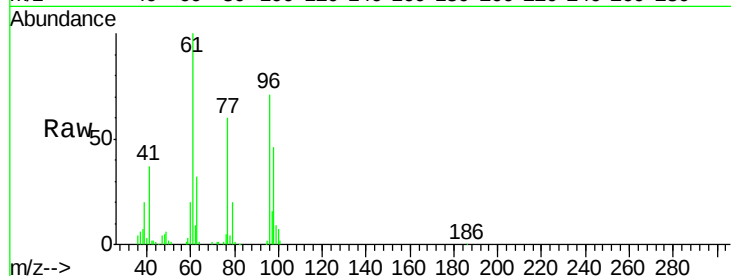
cis-1,2-Dichloroethene
Concen: 15.723 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	265.6
98	65.0	0.0	131.6

Manual Integrations
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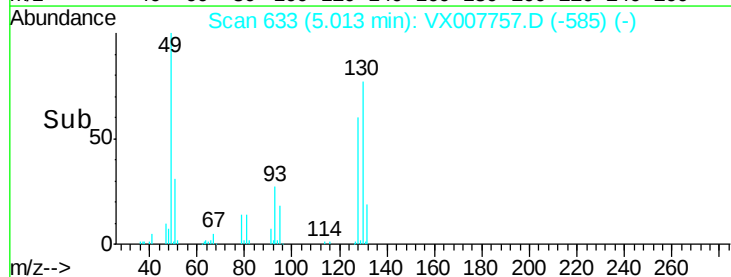
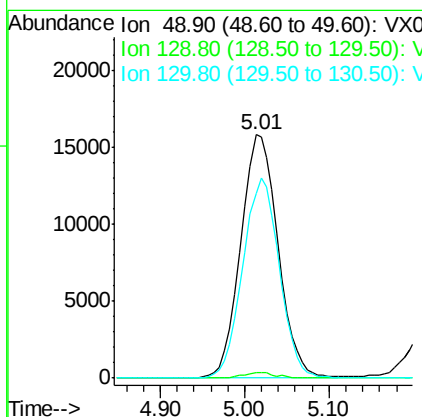
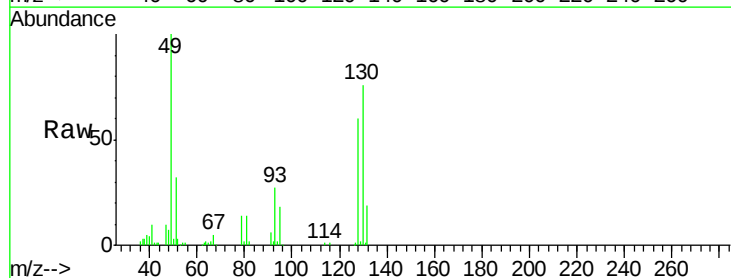
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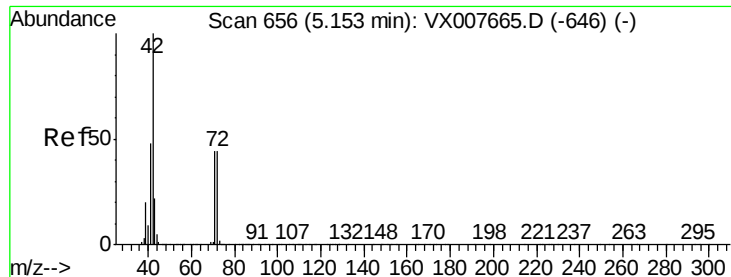


#28

Bromochloromethane
Concen: 17.149 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.6
130	80.7	75.6	113.4





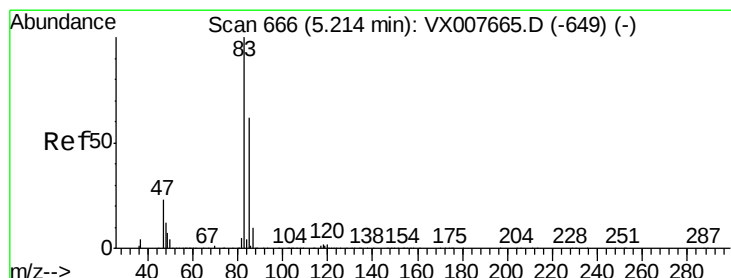
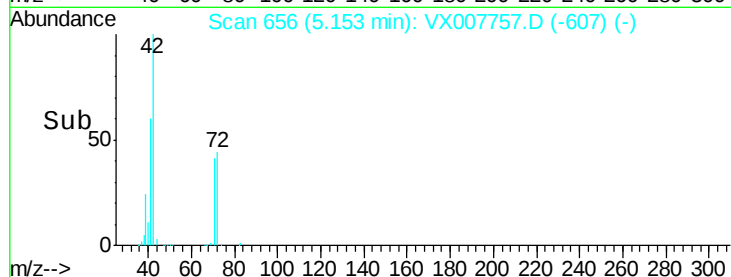
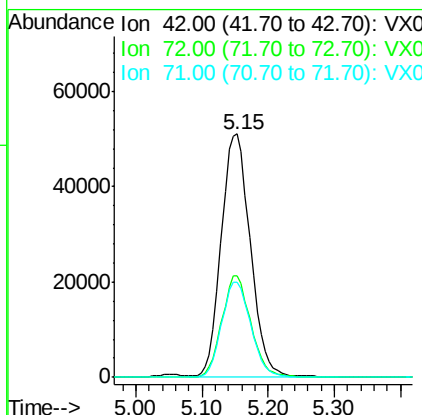
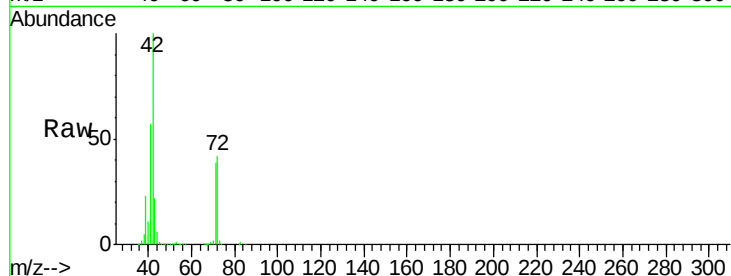
#29
Tetrahydrofuran
Concen: 90.445 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	41.5	37.6	56.4
71	39.1	34.6	51.8

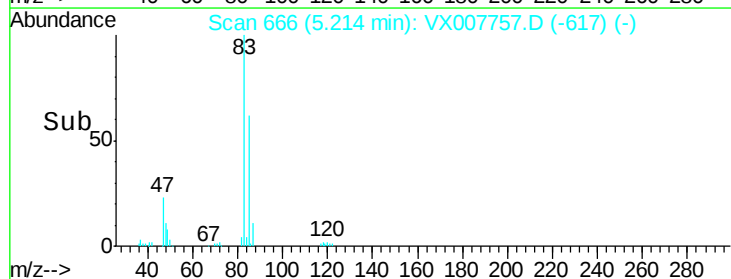
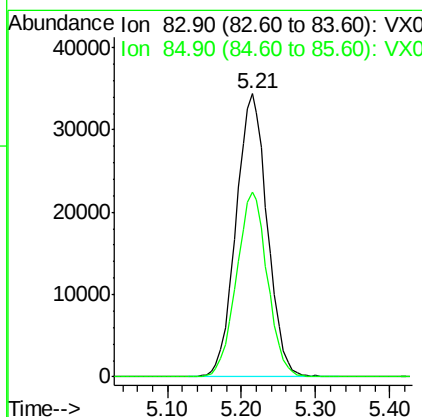
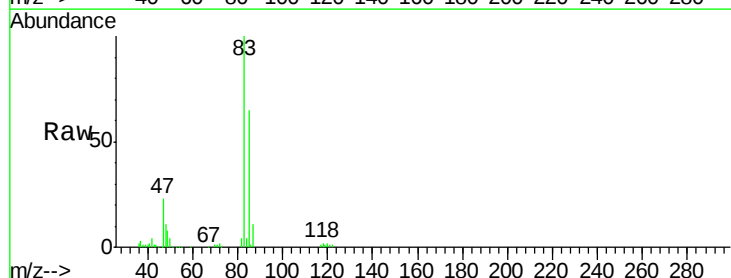
Manual Integrations
APPROVED

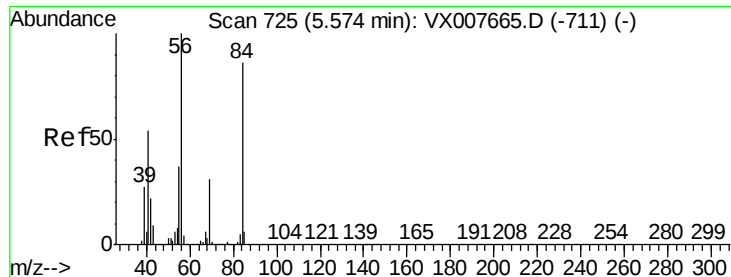
MMDadoda
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#30
Chloroform
Concen: 16.560 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	65.3	51.6	77.4





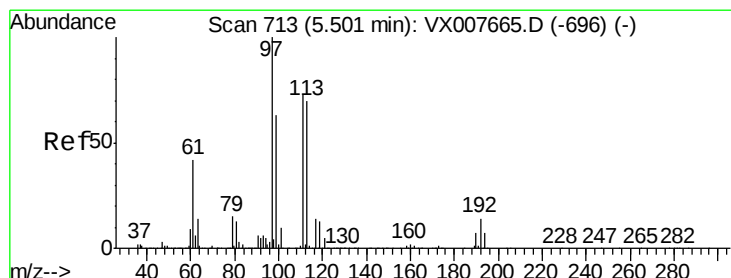
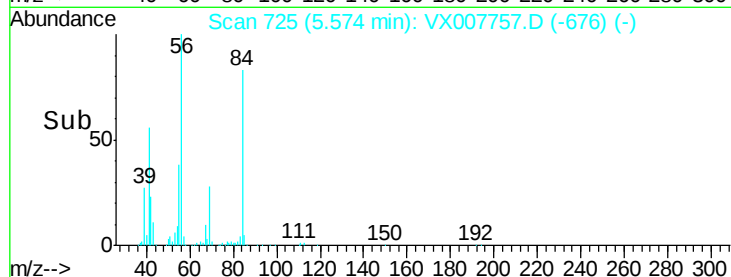
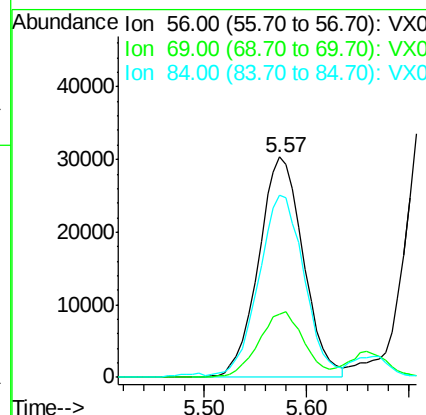
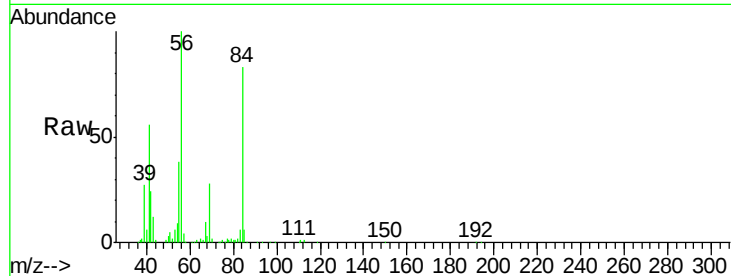
#31
Cyclohexane
Concen: 17.162 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.0	34.6
84	81.6	69.8	104.6

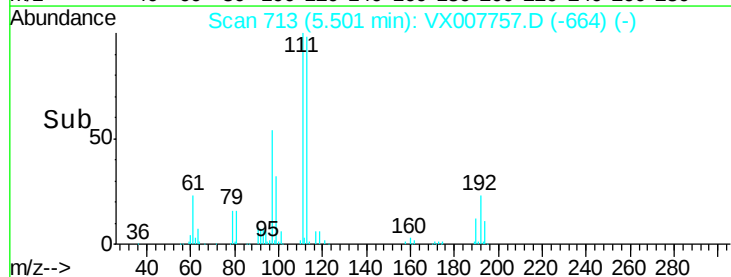
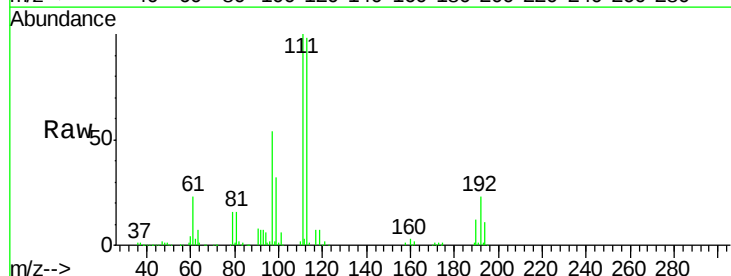
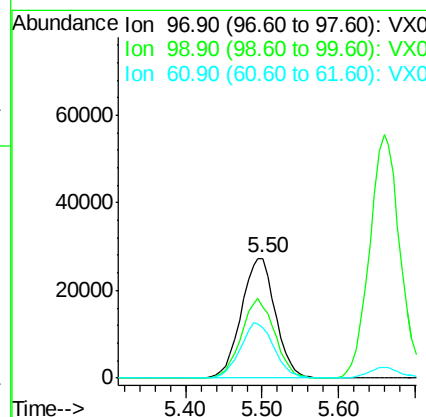
Manual Integrations
APPROVED

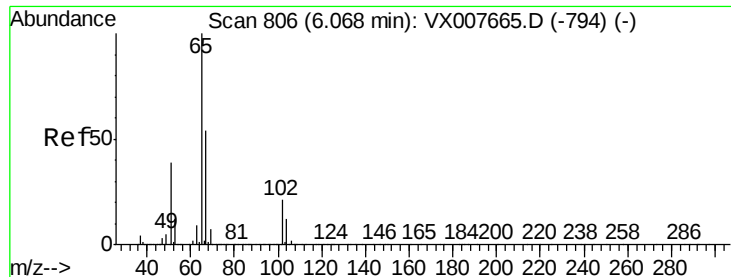
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 16.742 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.2	78.2
61	45.6	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 44.519 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 65 Resp: 172026

Ion Ratio Lower Upper

65 100

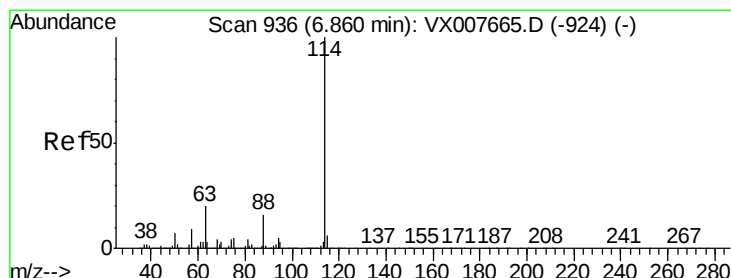
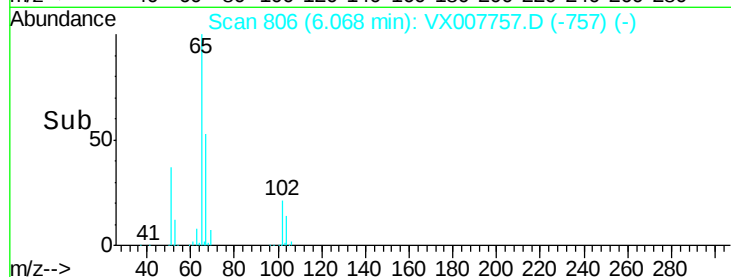
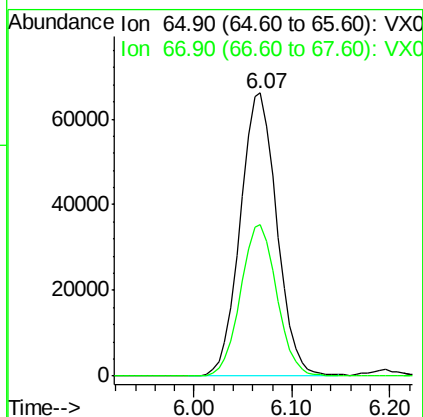
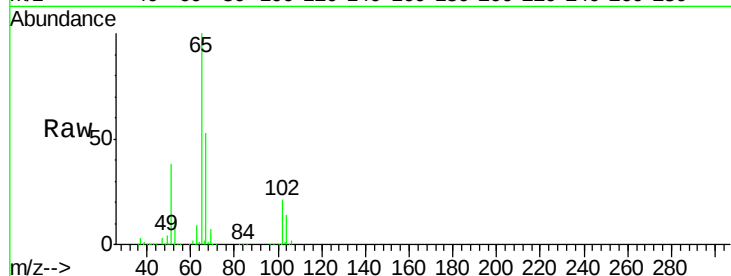
67 53.1 0.0 108.8

Manual Integrations

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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: VX007757.D

Acq: 28 Feb 2019 11:05

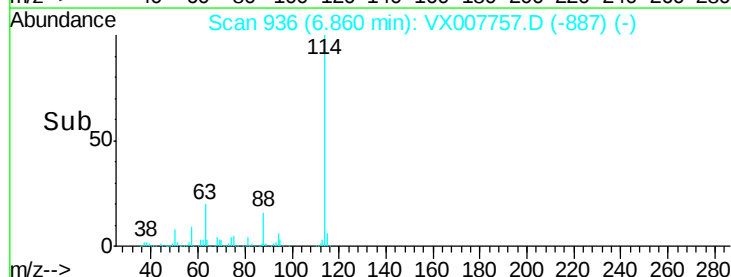
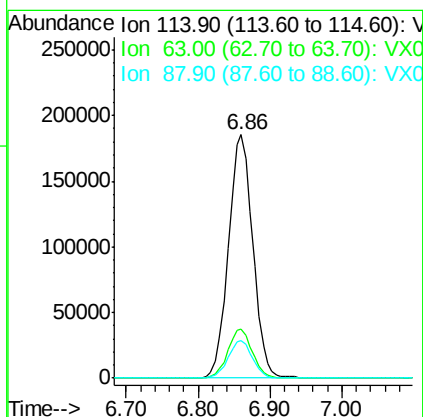
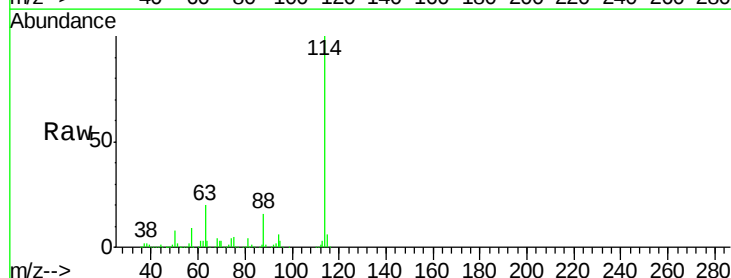
Tgt Ion:114 Resp: 436919

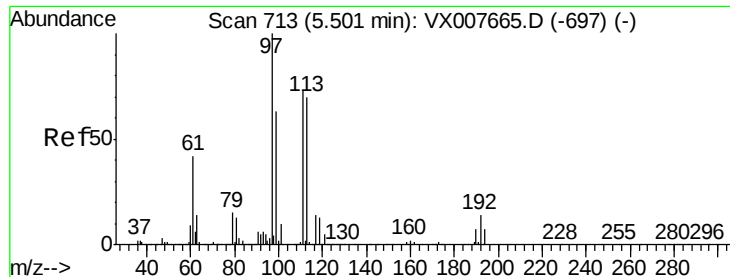
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.403 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

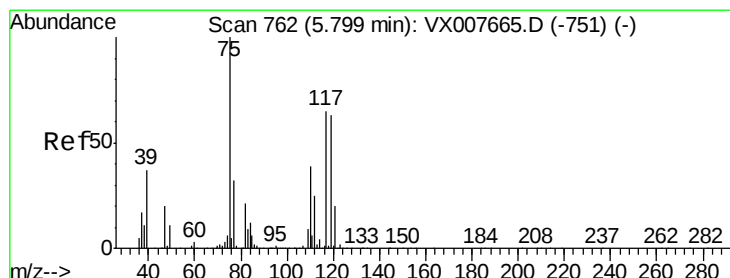
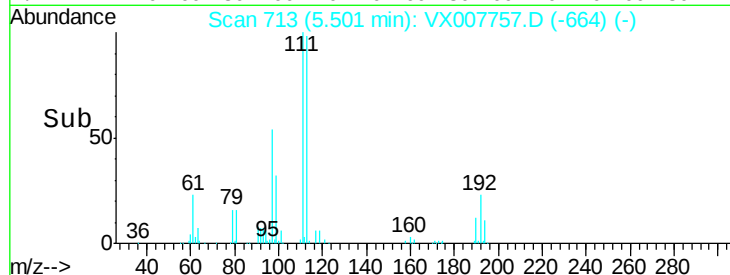
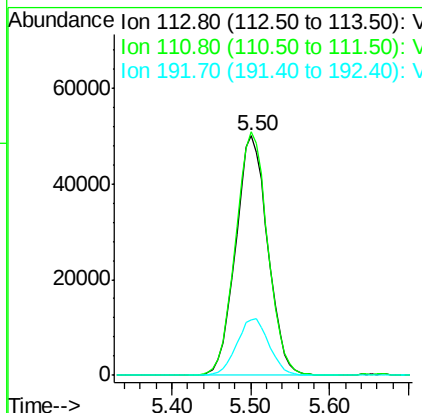
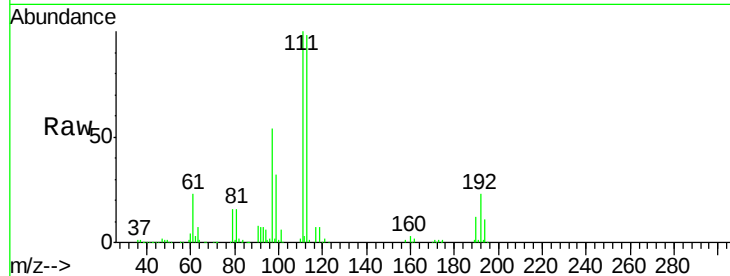
ClientSampled :

VX0228WBS01

Tot Ion:	113	Resp:	141368
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.8	122.8
192	23.9	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.175 ug/l

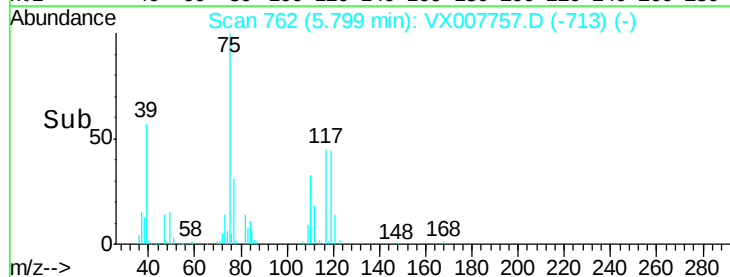
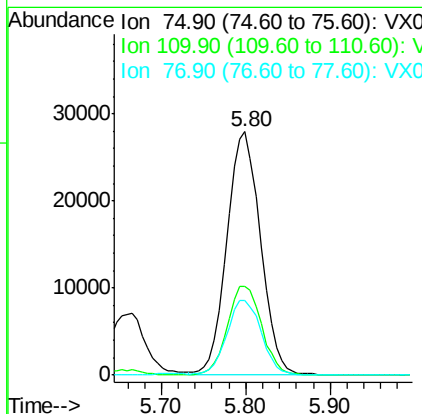
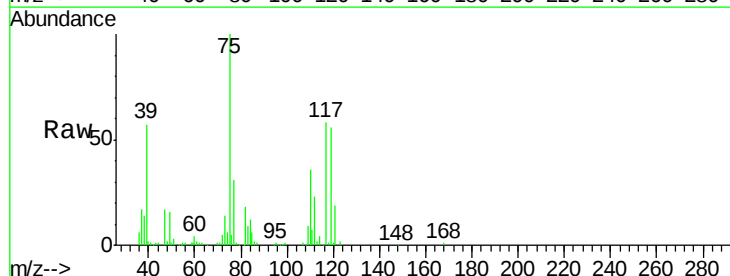
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tgt Ion:	75	Resp:	75320
Ion Ratio	Lower	Upper	
75	100		
110	37.5	20.0	59.9
77	31.9	24.7	37.1





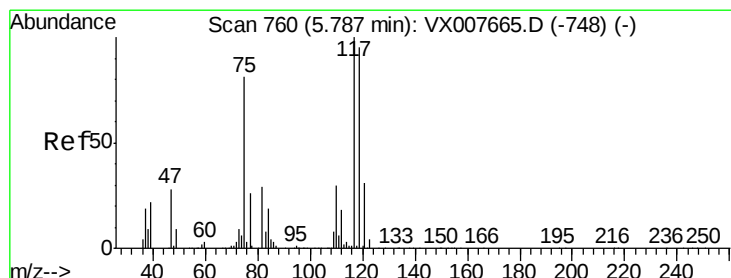
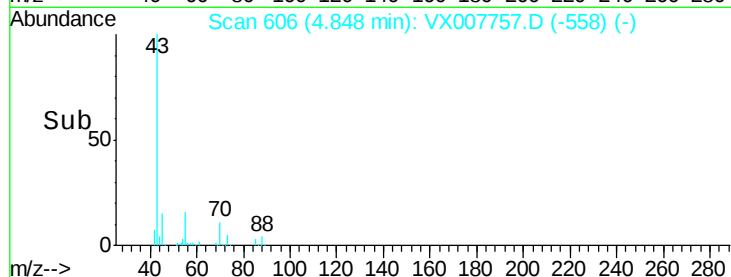
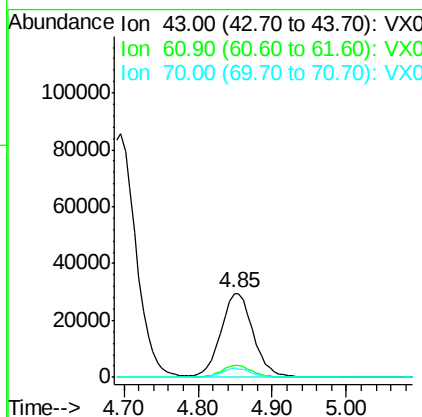
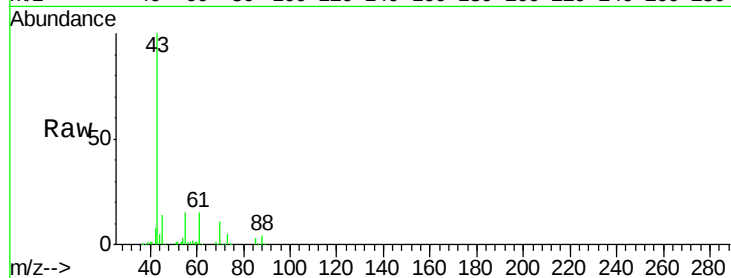
#37
Ethyl Acetate
Concen: 20.247 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.4	8.6	13.0

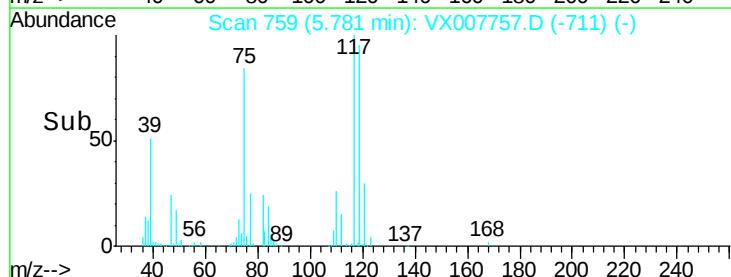
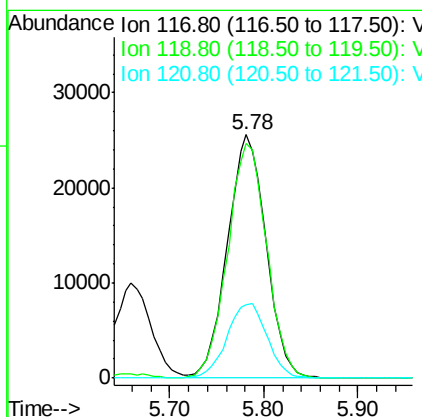
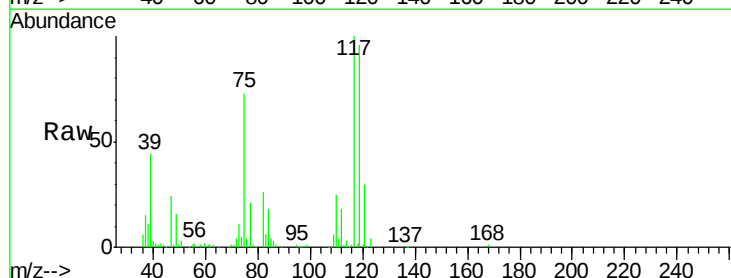
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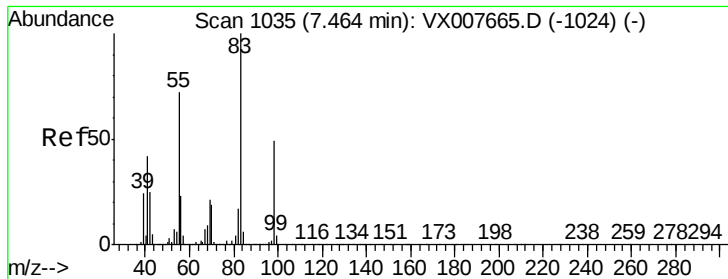
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#38
Carbon Tetrachloride
Concen: 18.497 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.3	112.9
121	30.3	25.0	37.4





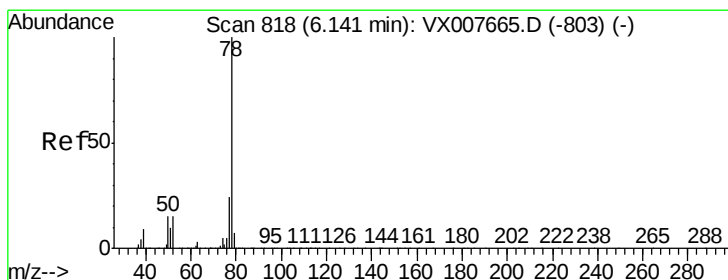
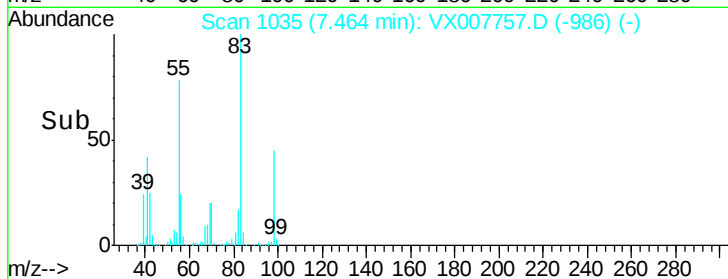
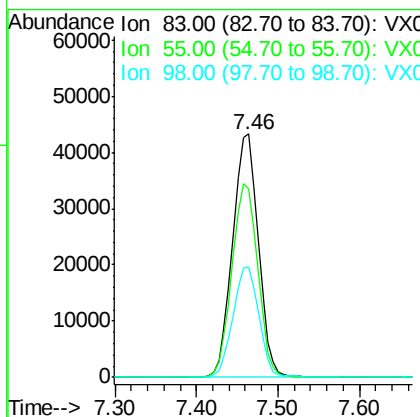
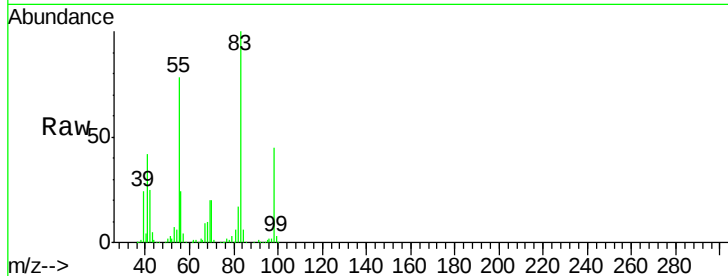
#39
Methylvlcyclohexane
Concen: 18.961 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	94131		
55	77.6	56.2	84.2	
98	45.2	36.8	55.2	

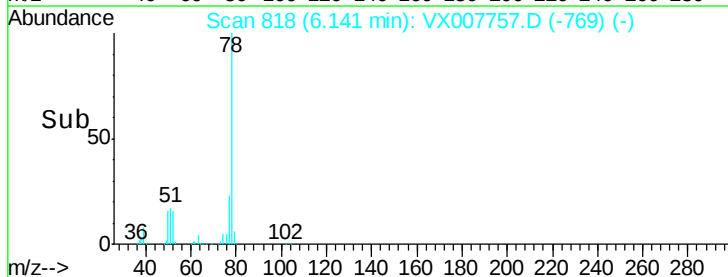
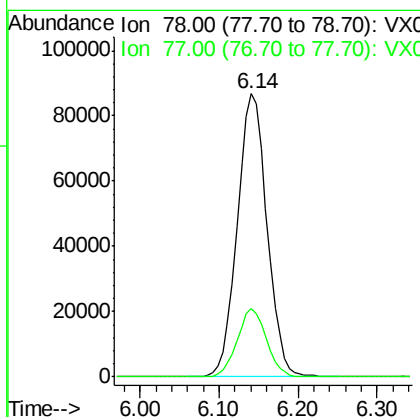
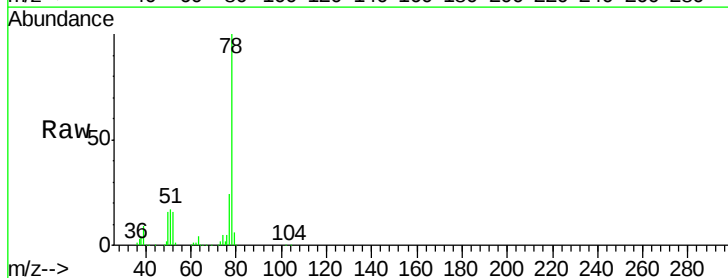
Manual Integrations
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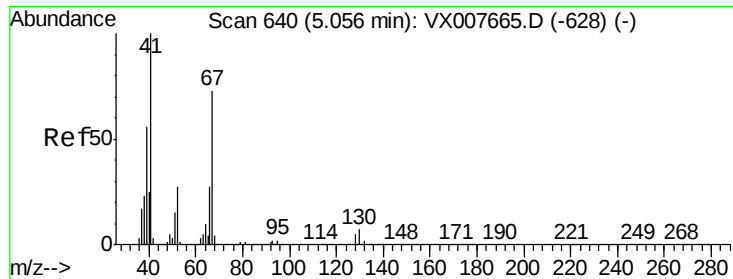
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#40
Benzene
Concen: 18.796 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	227917		
77	24.1	19.3	28.9	





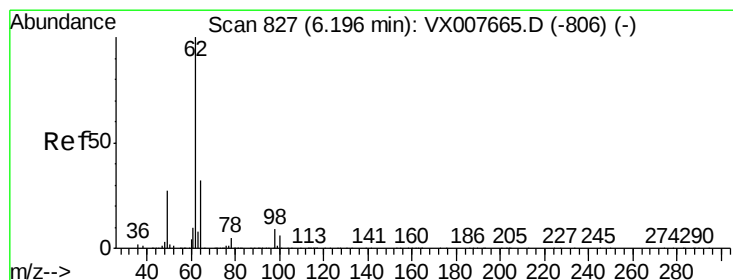
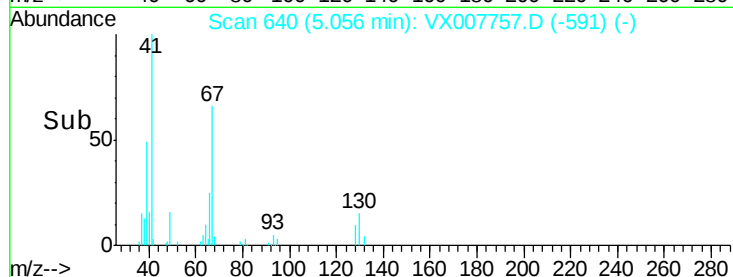
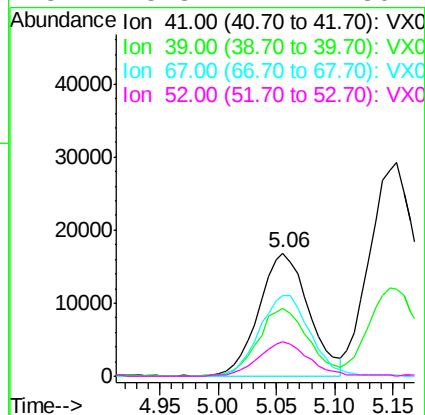
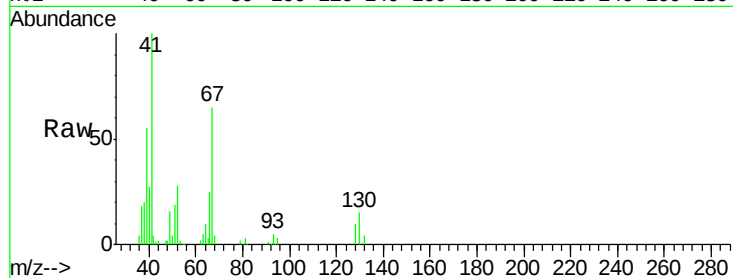
#41
Methacrylonitrile
Concen: 21.308 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	44.5	66.7	
67	67.8	60.4	90.6	
52	28.3	24.1	36.1	

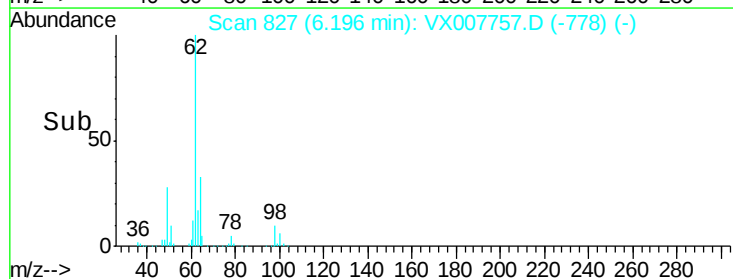
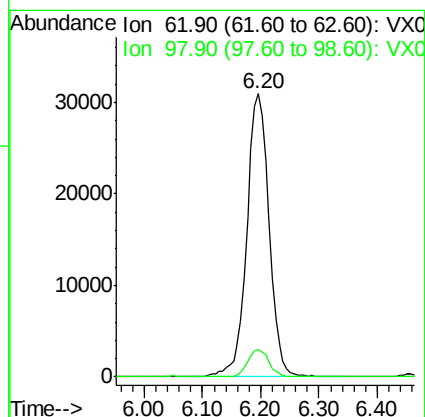
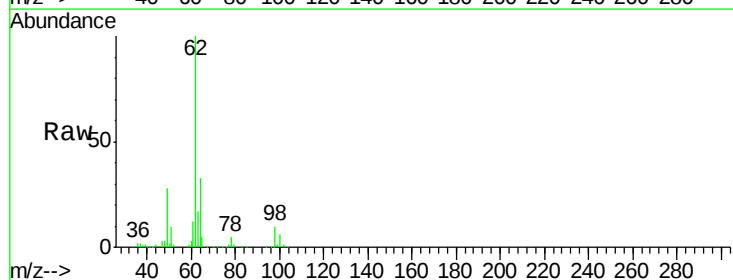
Manual Integrations
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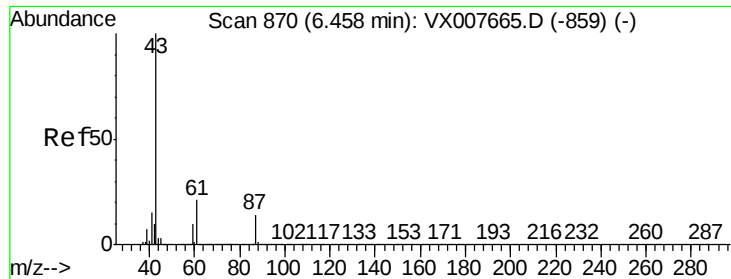
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#42
1,2-Dichloroethane
Concen: 20.119 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	19.0	





#43

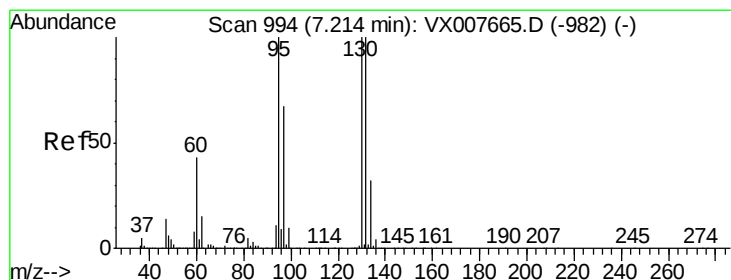
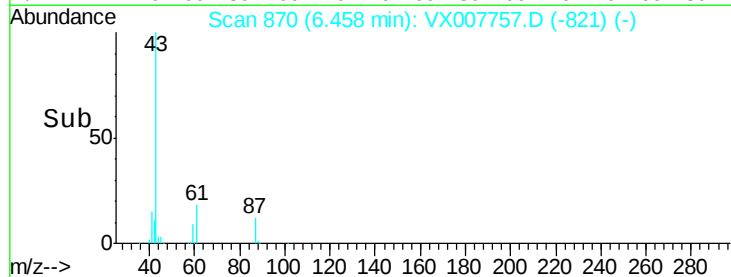
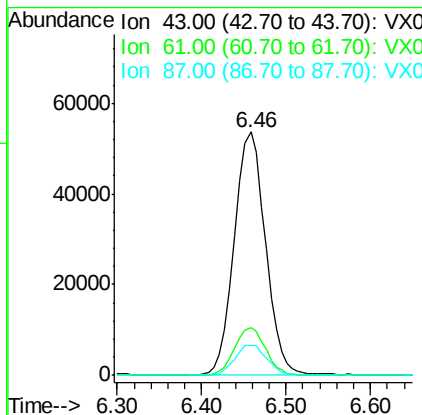
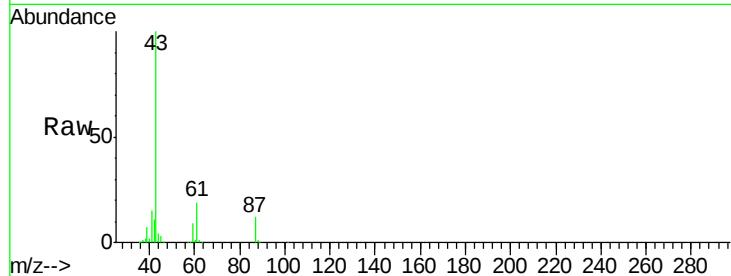
Isopropyl Acetate
 Concen: 19.924 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.1	24.1
87	12.9	11.5	17.3

Manual Integrations
 APPROVED

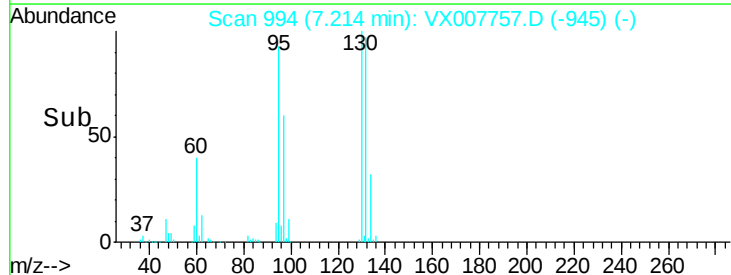
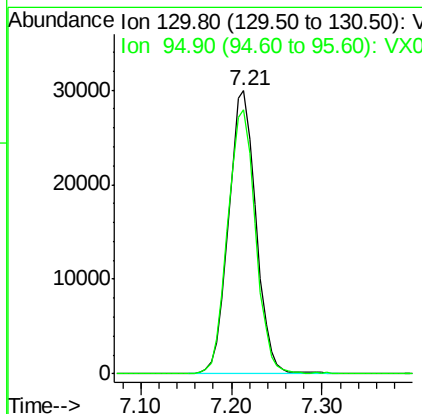
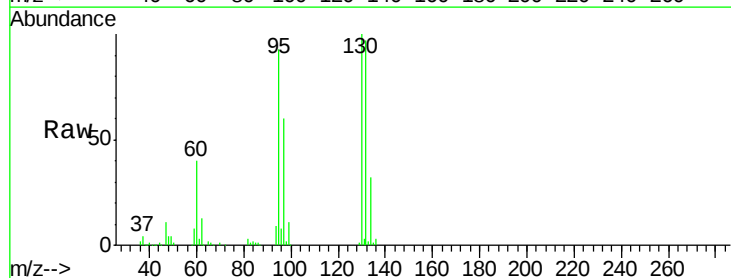
MMDadoda
 3/1/2019 10:04:07 AM

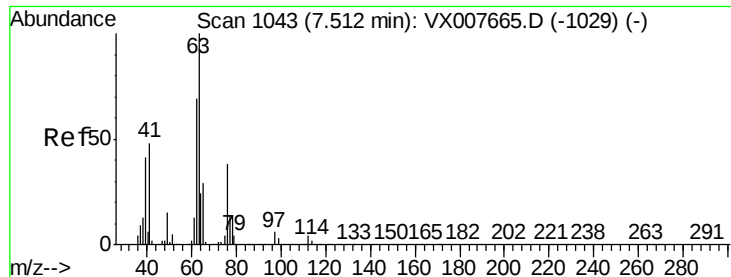


#44

Trichloroethene
 Concen: 18.875 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.321 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 63 Resp: 60689

Ion Ratio Lower Upper

63 100

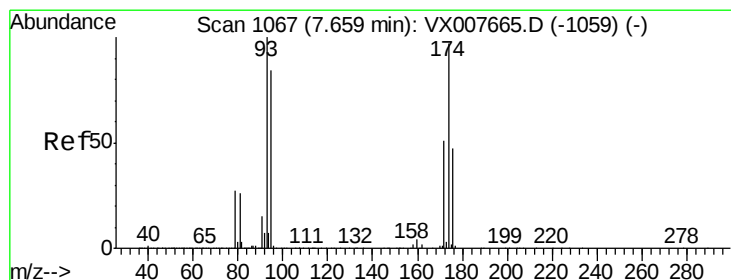
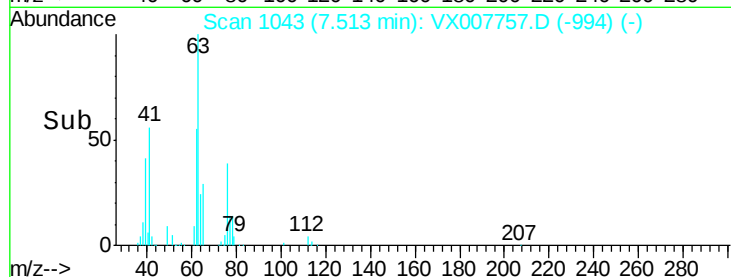
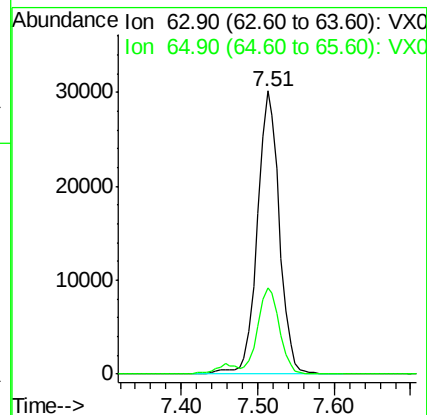
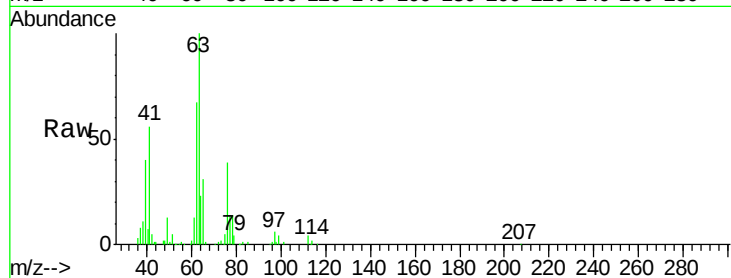
65 30.7 24.2 36.2

Manual Integrations

APPROVED

MMDadoda

3/1/2019 10:04:07 AM



#46

Dibromomethane

Concen: 17.607 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

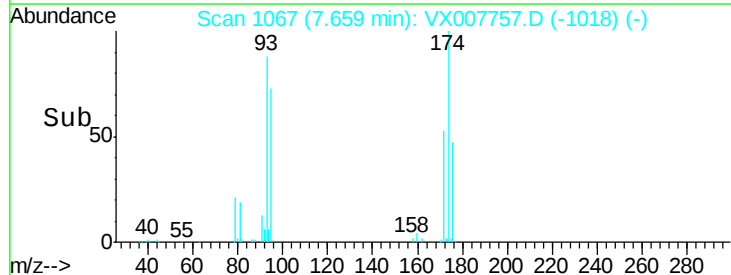
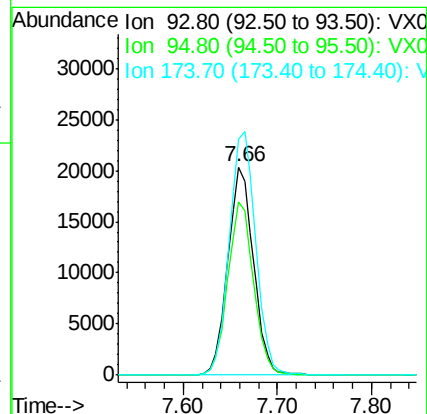
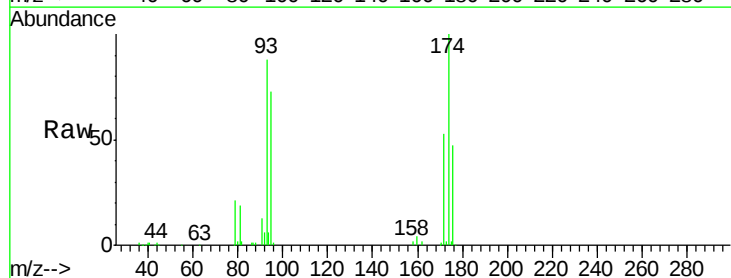
Tgt Ion: 93 Resp: 38582

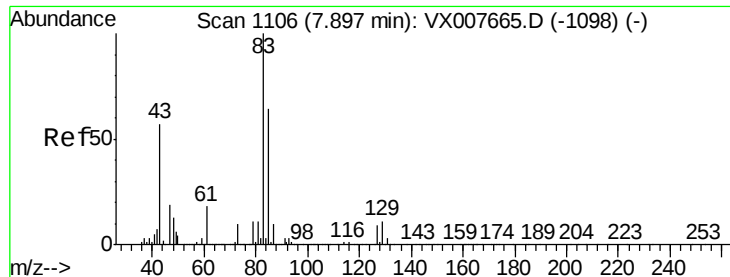
Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

174 120.1 94.2 141.4





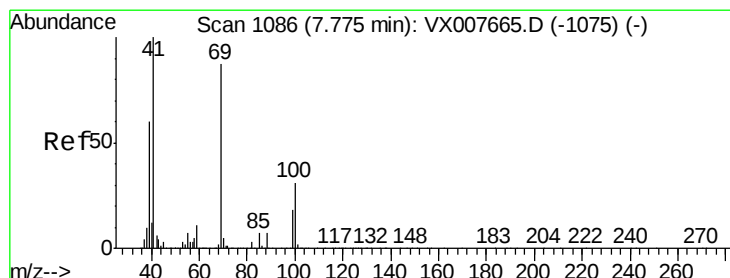
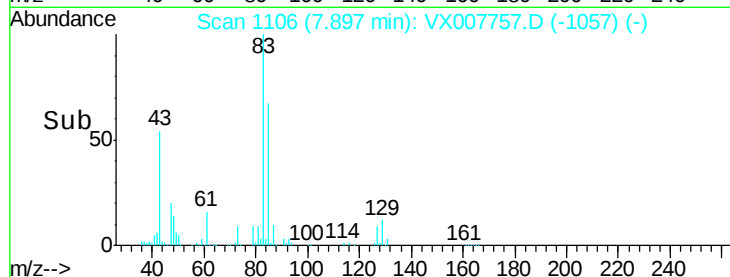
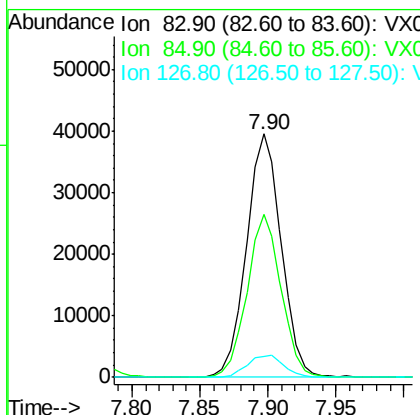
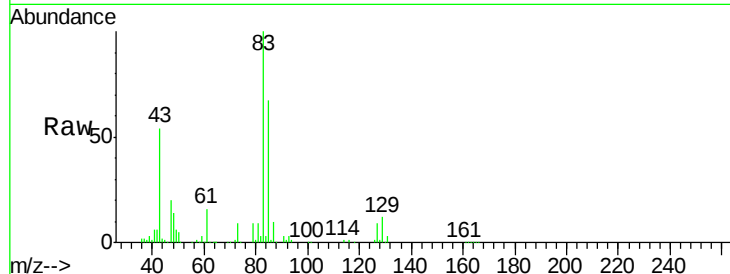
#47
Bromodichloromethane
Concen: 18.637 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.4	77.0
127	8.8	8.1	12.1

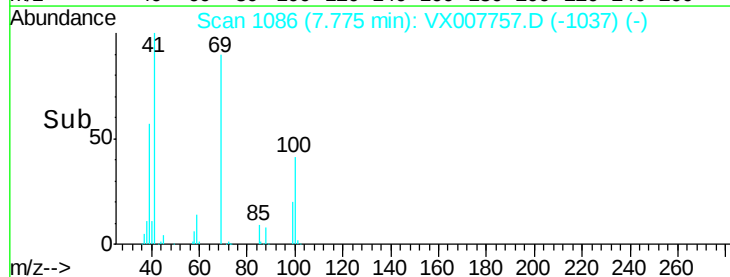
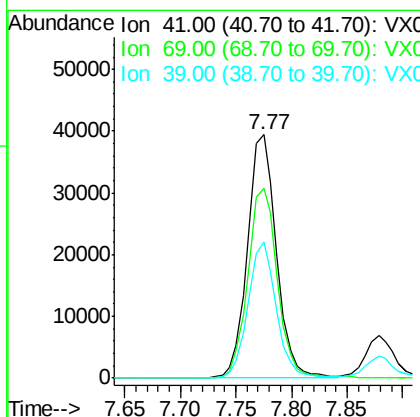
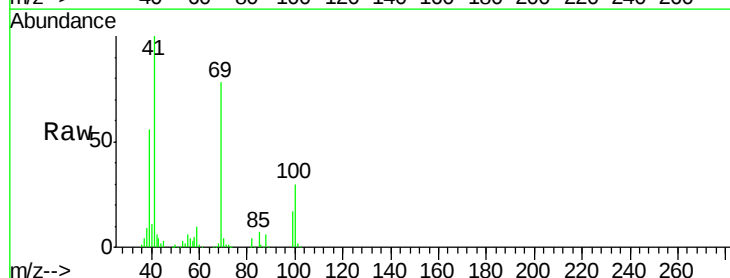
Manual Integrations
APPROVED

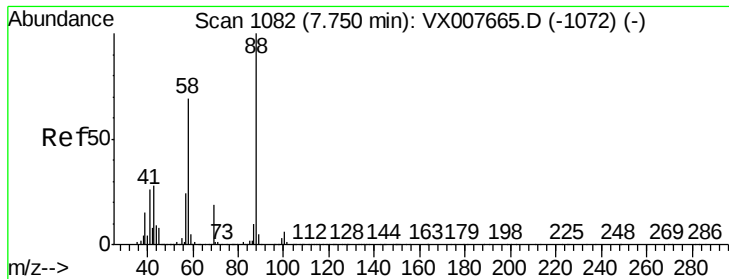
MMDadoda
3/1/2019 10:04:07 AM



#48
Methyl methacrylate
Concen: 20.213 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.5	70.2	105.4
39	54.3	47.4	71.0





#49

1,4-Dioxane

Concen: 372.392 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

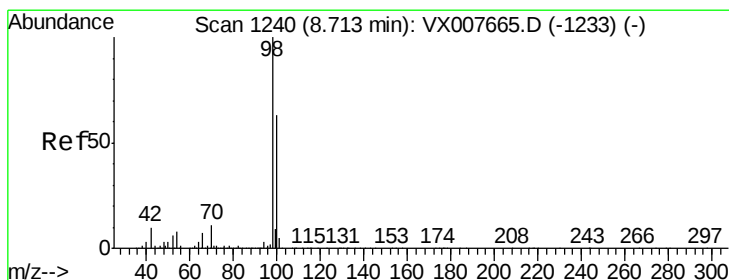
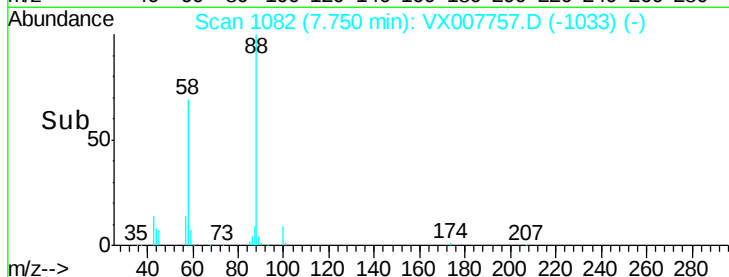
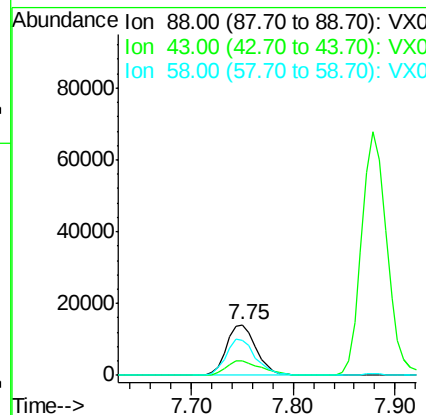
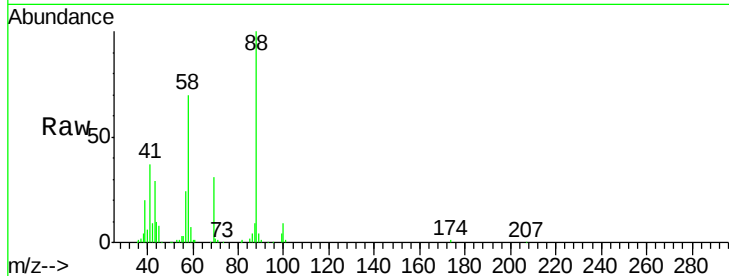
ClientSampled :

VX0228WBS01

Tot Ion:	88	Resp:	28313
Ion Ratio	Lower	Upper	
88	100		
43	33.0	24.2	36.4
58	72.1	53.0	79.4

Manual Integrations
APPROVED

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3/1/2019 10:04:07 AM



#50

Toluene-d8

Concen: 48.016 ug/l

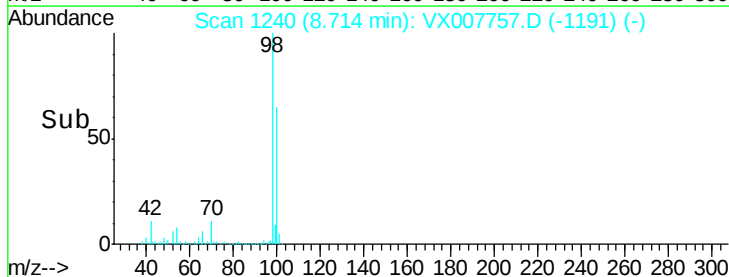
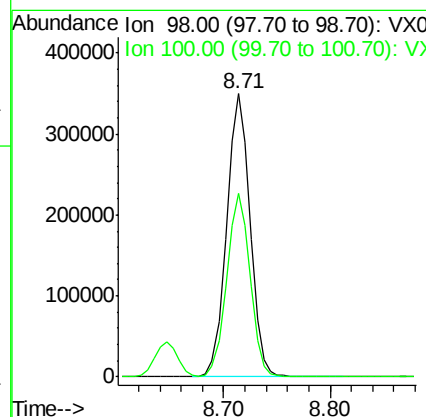
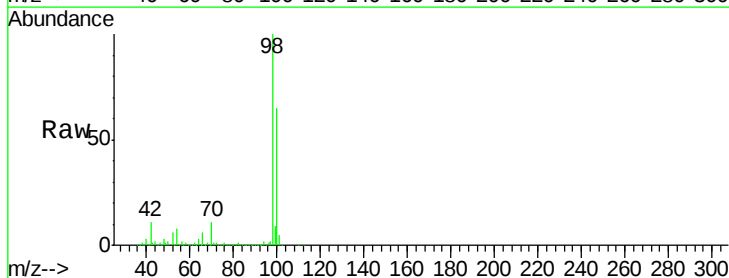
RT: 8.71 min Scan# 1240

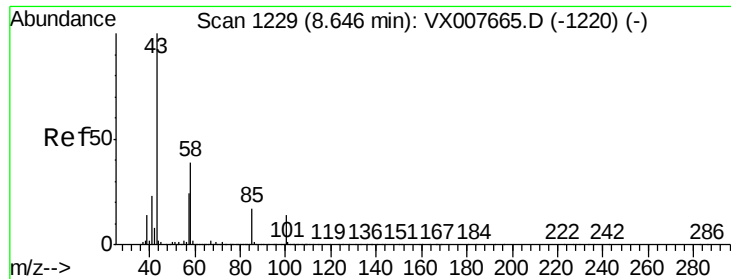
Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tgt Ion:	98	Resp:	536884
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.6	77.4





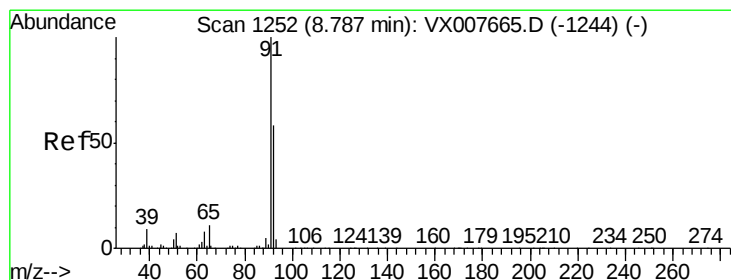
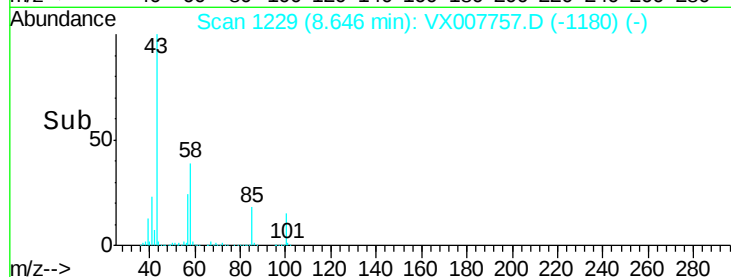
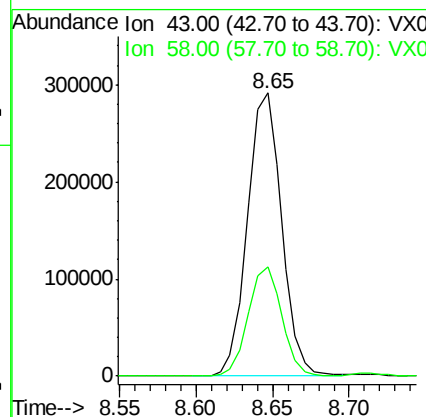
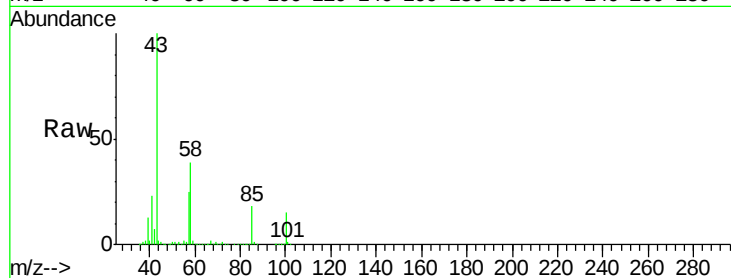
#51
4-Methyl-2-Pentanone
Concen: 100.877 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.2	46.8

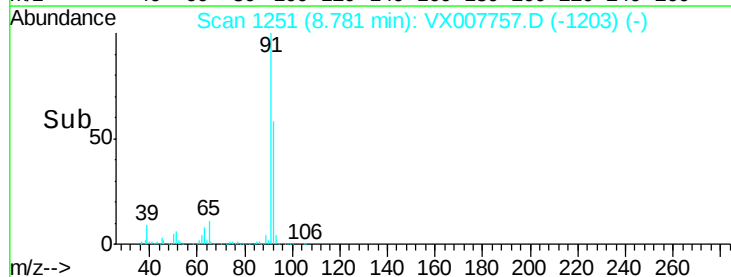
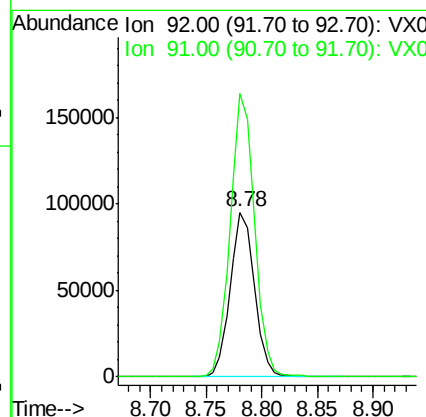
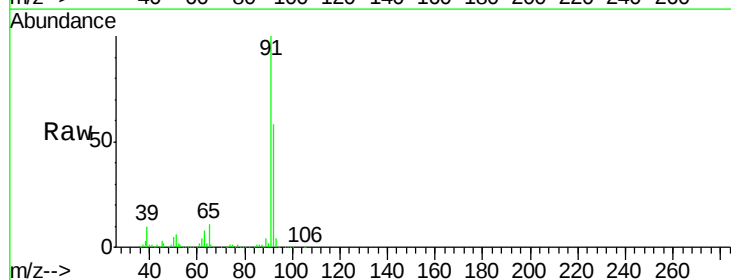
Manual Integrations
APPROVED

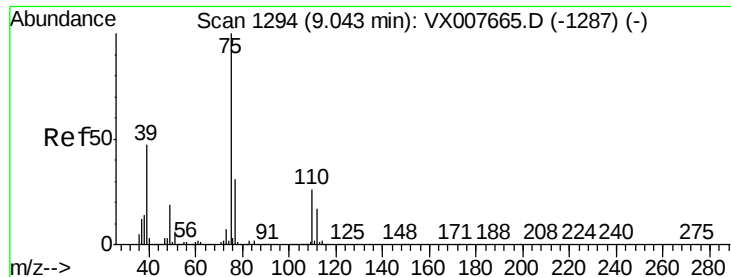
MMDadoda
3/1/2019 10:04:07 AM



#52
Toluene
Concen: 18.865 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.6	139.1	208.7





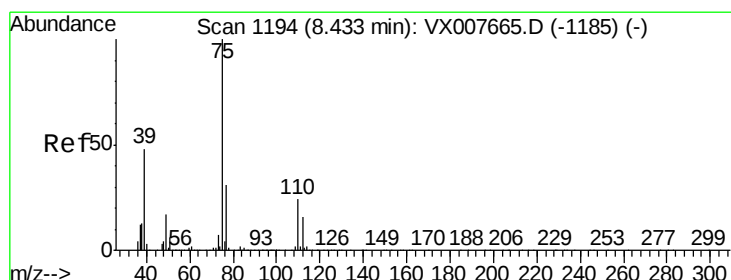
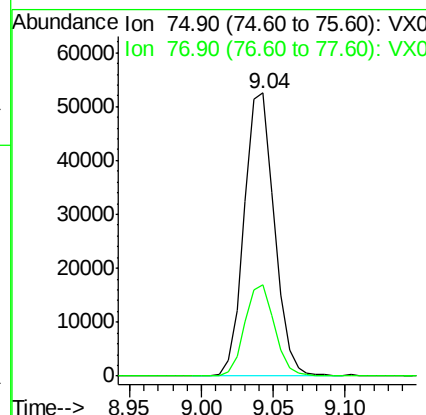
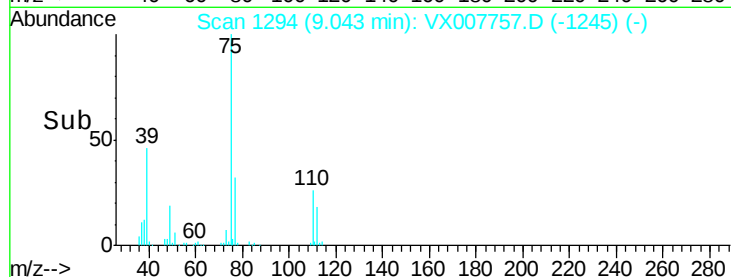
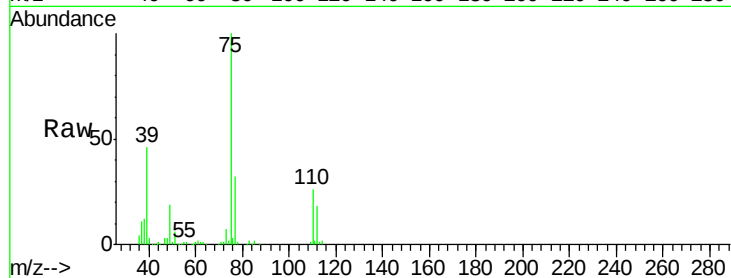
#53
t-1,3-Dichloropropene
Concen: 18.095 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.2	37.8

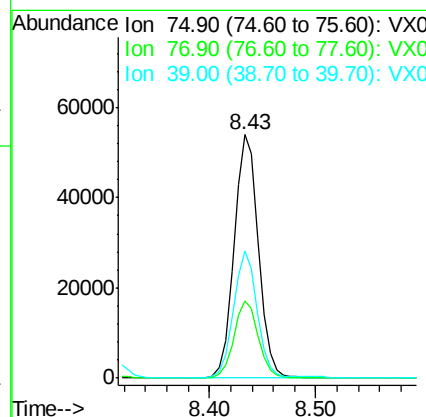
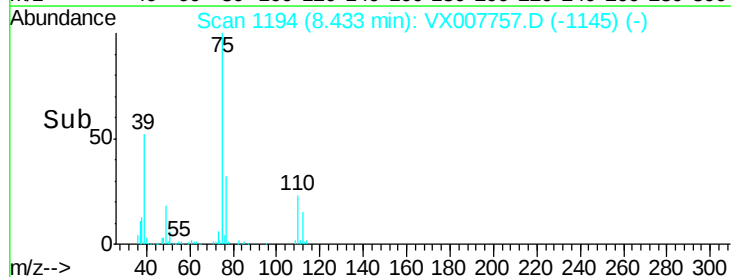
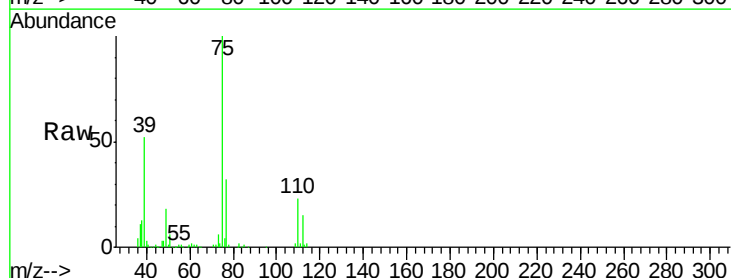
Manual Integrations
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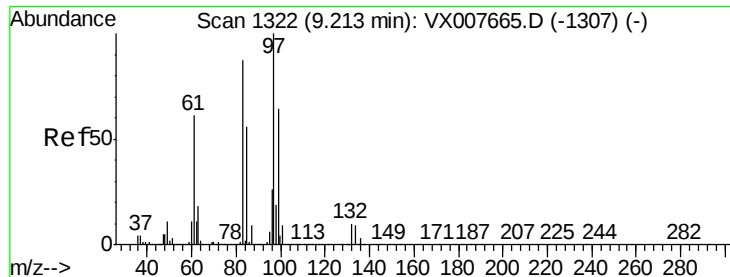
MMDadoda
3/1/2019 10:04:07 AM



#54
cis-1,3-Dichloropropene
Concen: 18.722 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.2	39.4
39	52.1	37.1	55.7





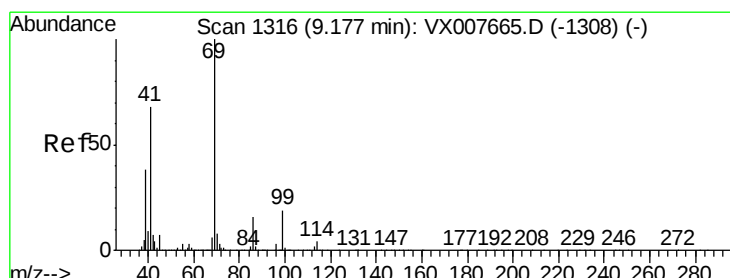
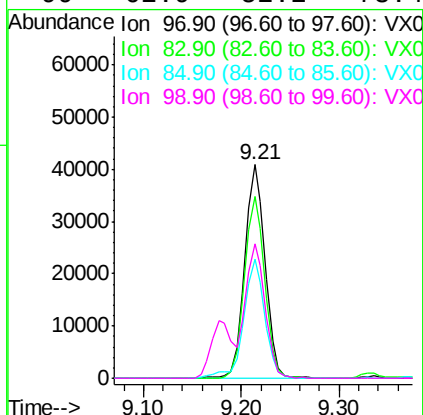
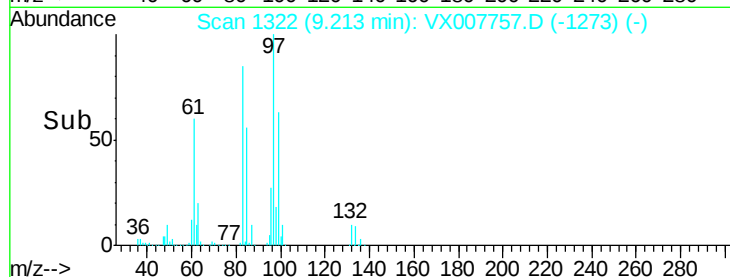
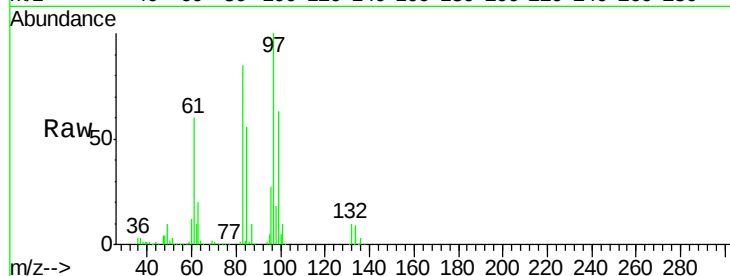
#55
 1,1,2-Trichloroethane
 Concen: 18.523 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		59062		
83	85.3	68.6	102.8		
85	55.9	44.5	66.7		
99	62.9	52.2	78.4		

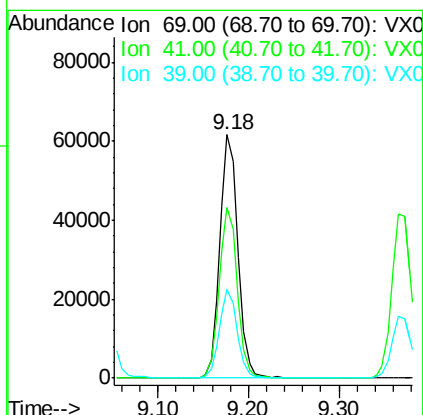
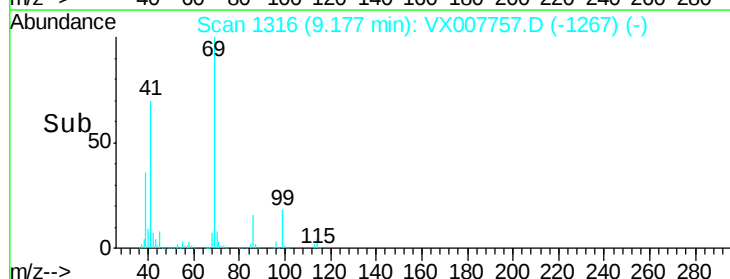
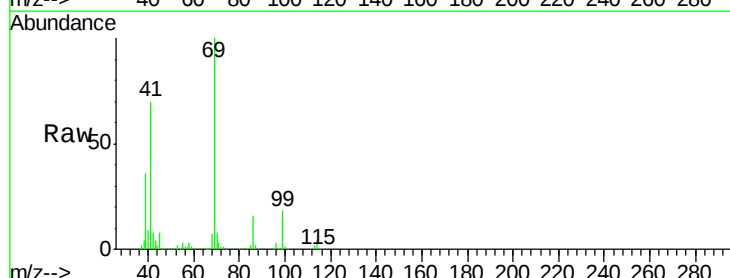
Manual Integrations
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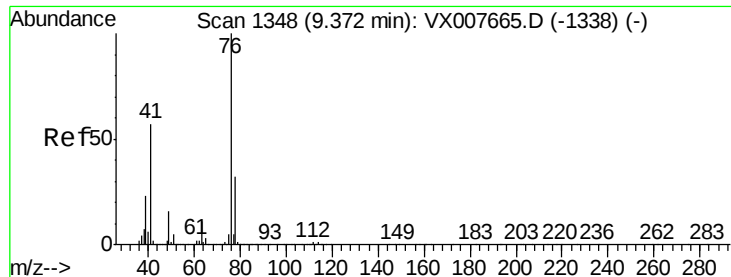
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 3/1/2019 10:04:07 AM



#56
 Ethyl methacrylate
 Concen: 19.007 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		86186		
41	69.7	52.1	78.1		
39	35.5	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 19.112 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 76 Resp: 97551

Ion Ratio Lower Upper

76 100

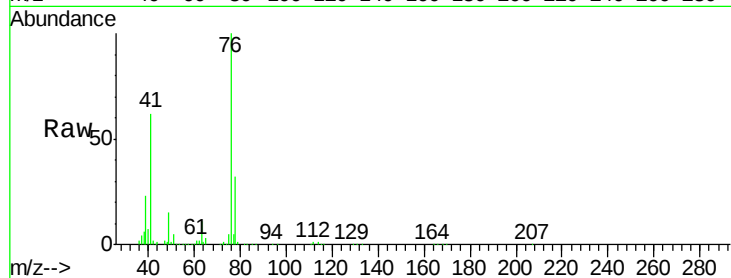
78 32.0 25.8 38.8

Manual Integrations

APPROVED

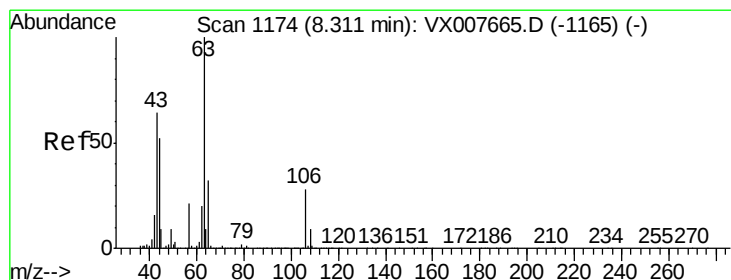
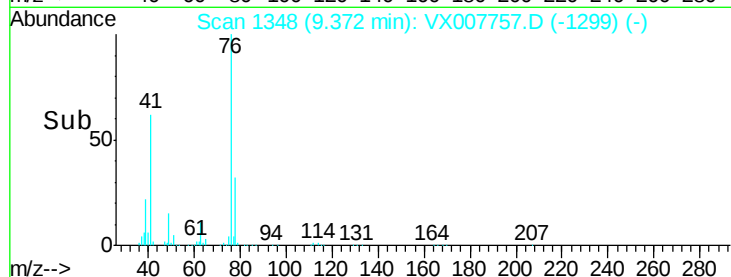
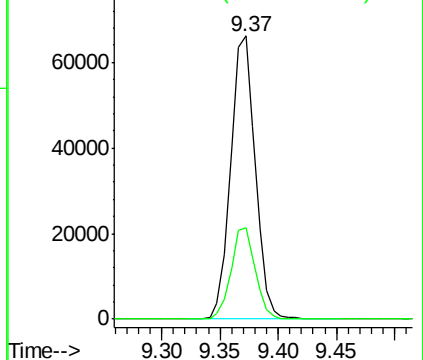
MMDadoda

3/1/2019 10:04:07 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.118 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007757.D

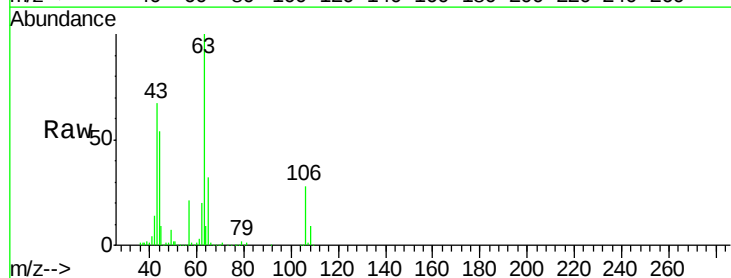
Acq: 28 Feb 2019 11:05

Tgt Ion: 63 Resp: 260343

Ion Ratio Lower Upper

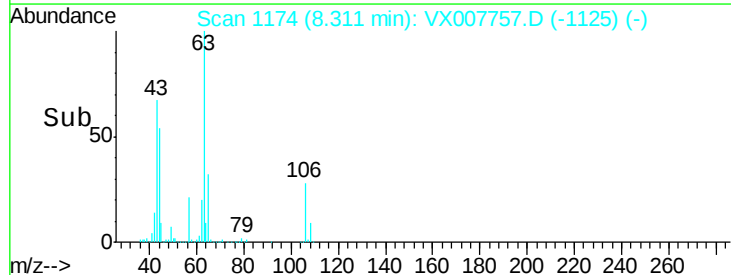
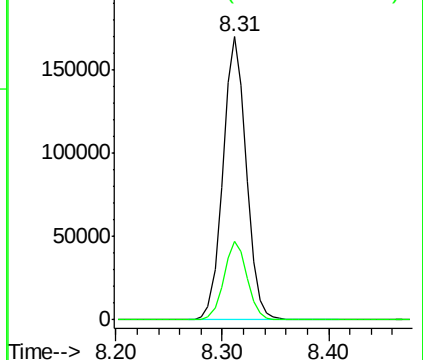
63 100

106 27.7 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





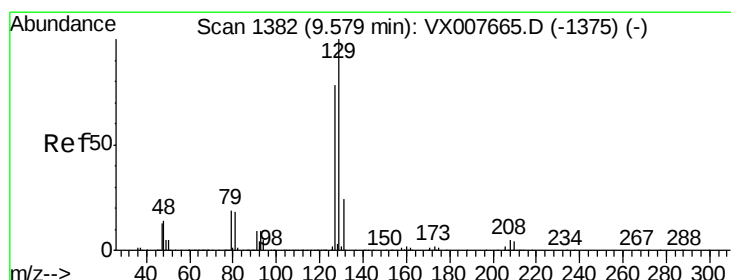
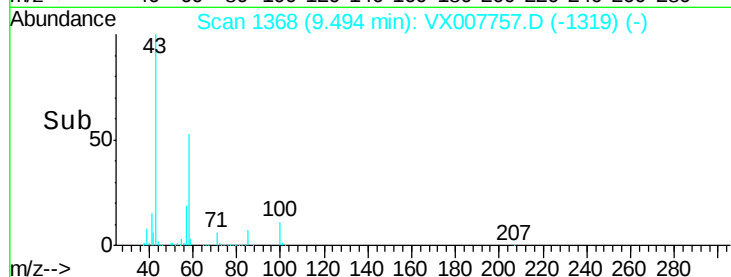
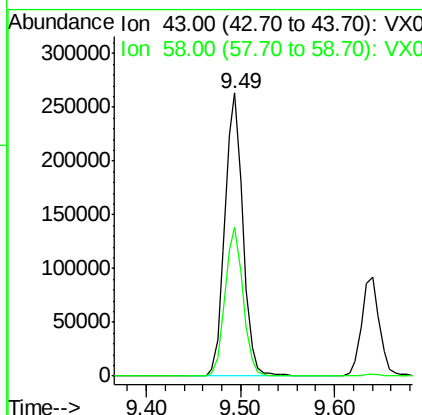
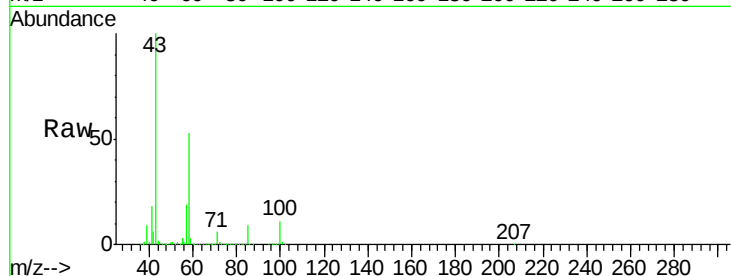
#59
2-Hexanone
Concen: 99.018 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion: 43 Resp: 349454
Ion Ratio Lower Upper
43 100
58 52.7 27.1 81.3

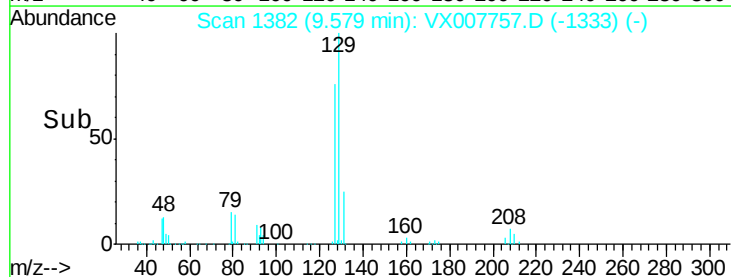
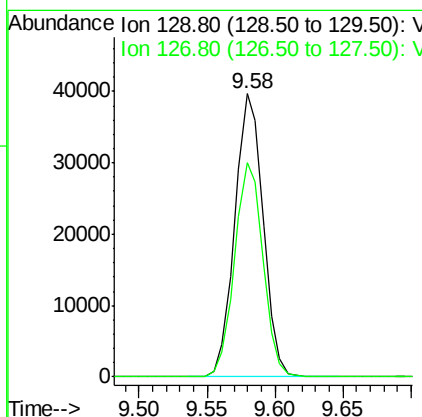
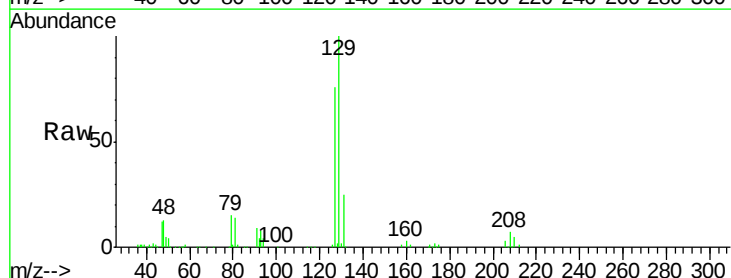
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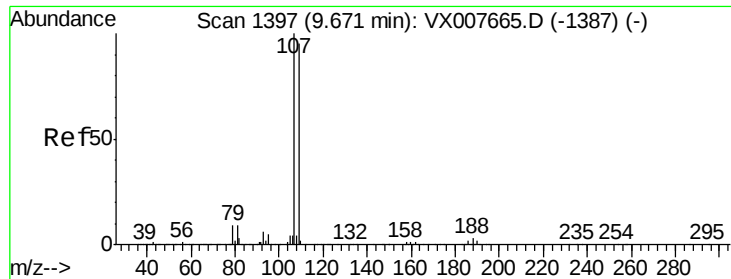
MMDadoda
3/1/2019 10:04:07 AM



#60
Dibromochloromethane
Concen: 18.742 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 129 Resp: 57503
Ion Ratio Lower Upper
129 100
127 75.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.571 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 107 Resp: 61480

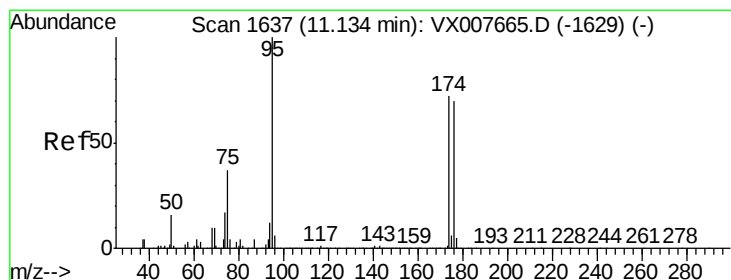
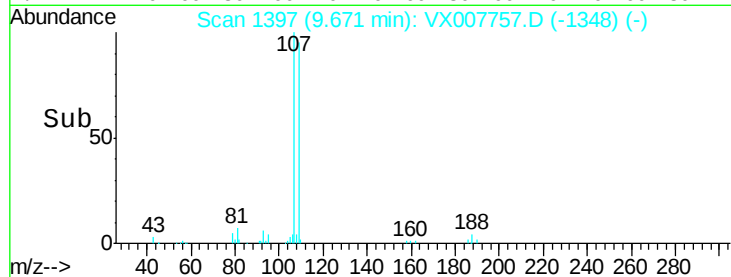
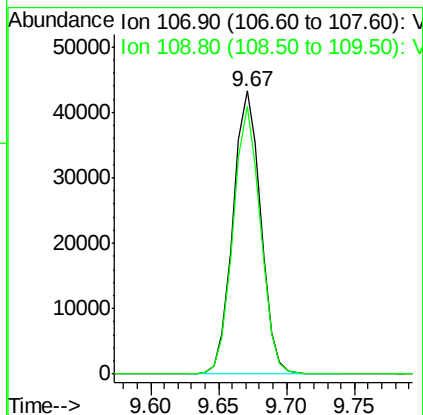
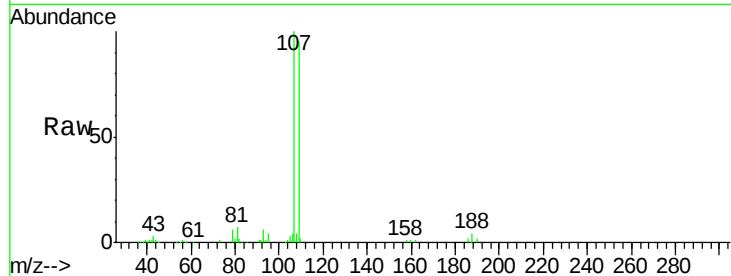
Ion Ratio Lower Upper

107 100

109 93.4 75.1 112.7

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3/1/2019 10:04:07 AM



#62

4-Bromofluorobenzene

Concen: 46.950 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

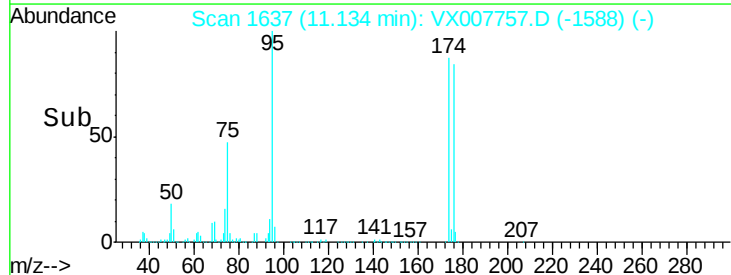
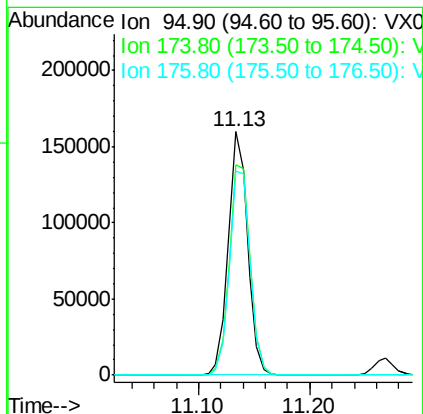
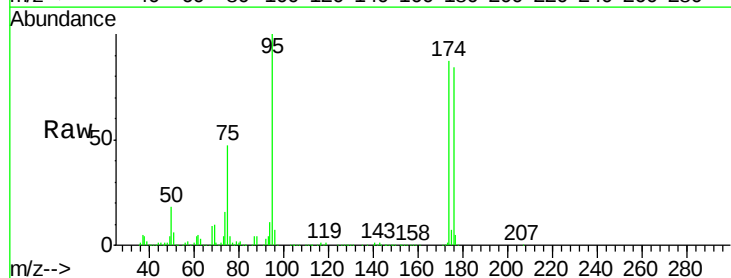
Tgt Ion: 95 Resp: 192680

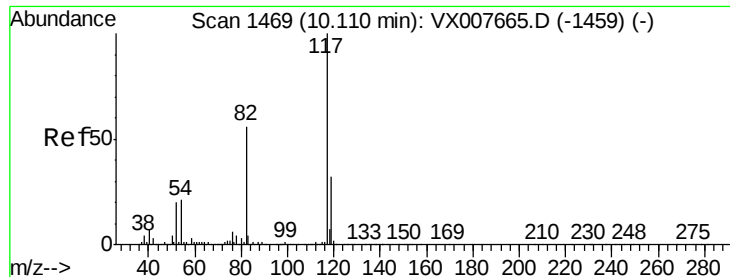
Ion Ratio Lower Upper

95 100

174 92.6 0.0 189.2

176 89.7 0.0 186.2





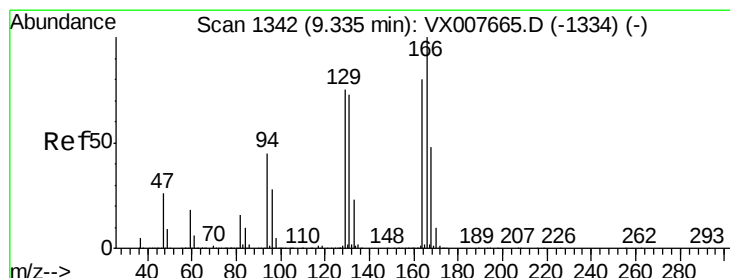
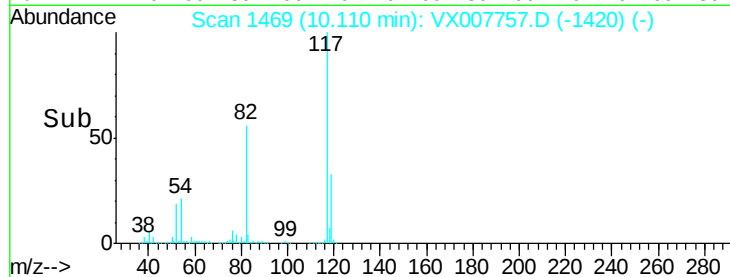
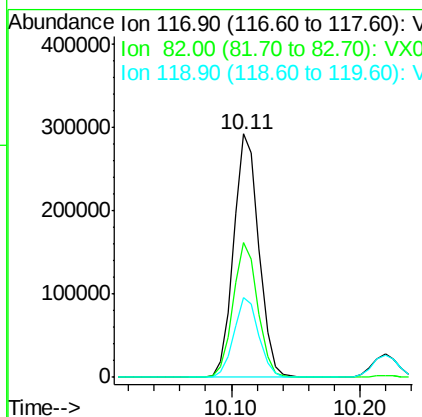
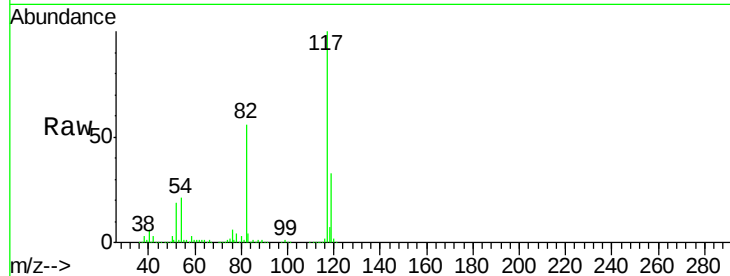
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398046		
82	55.6	42.1	63.1	
119	32.6	26.5	39.7	

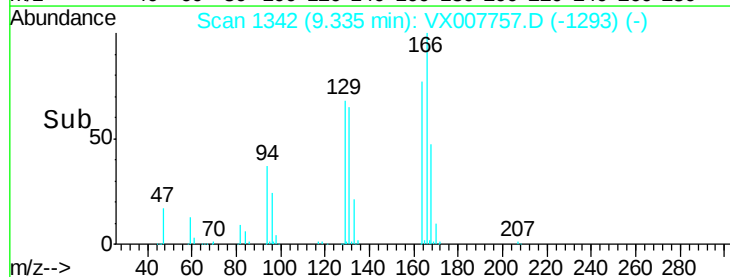
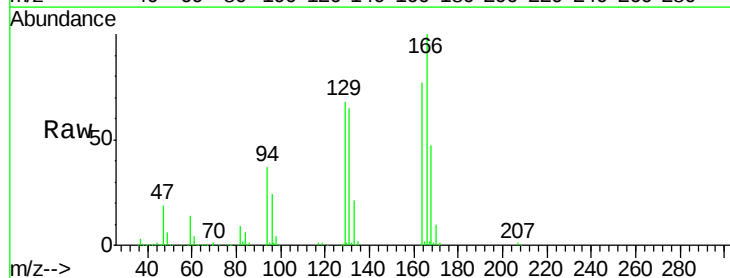
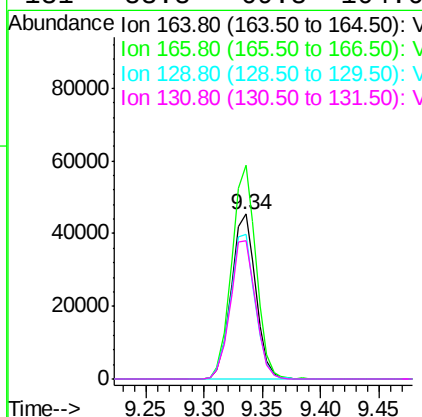
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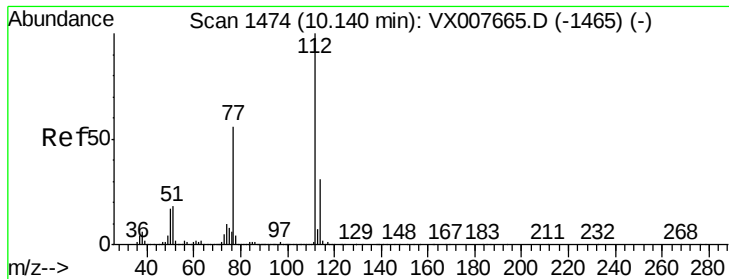
MMDadoda
3/1/2019 10:04:07 AM



#64
Tetrachloroethene
Concen: 20.618 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	66625		
166	129.5	101.0	151.4	
129	87.4	70.5	105.7	
131	83.8	69.8	104.6	





#65

Chlorobenzene

Concen: 18.459 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion:112 Resp: 158914

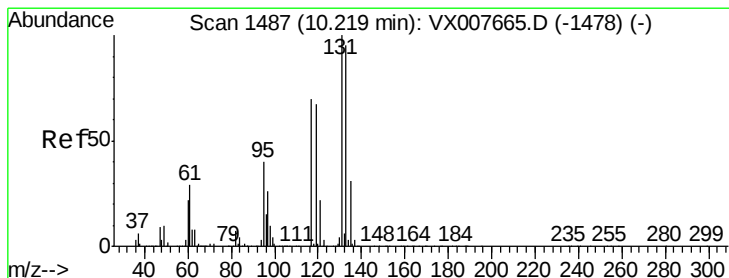
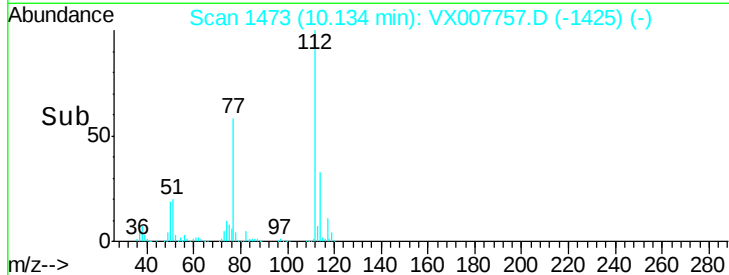
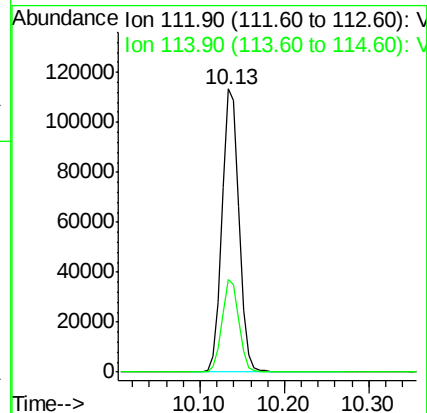
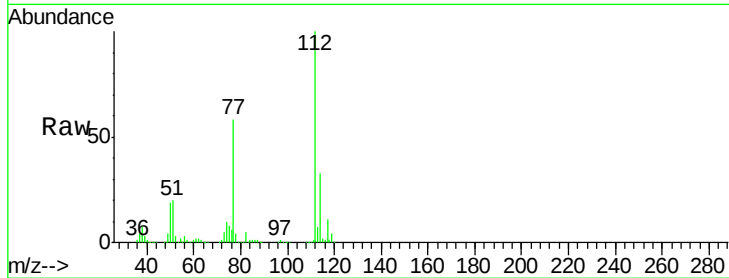
Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.651 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

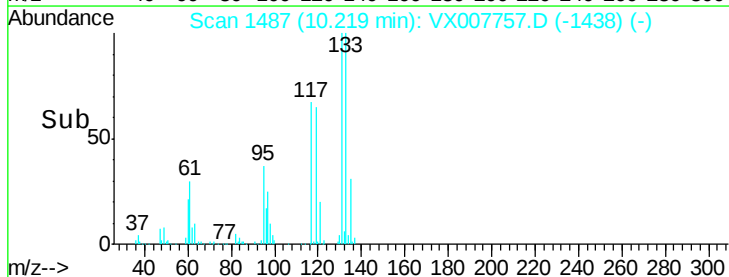
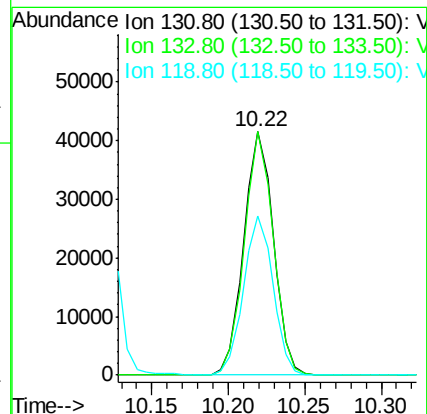
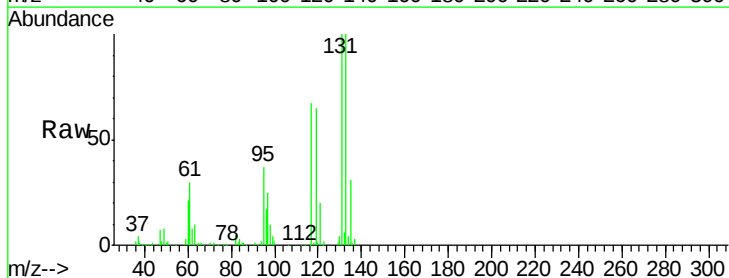
Tgt Ion:131 Resp: 56010

Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.2

119 65.0 32.0 96.0





#67

Ethyl Benzene

Concen: 18.587 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 91 Resp: 265072

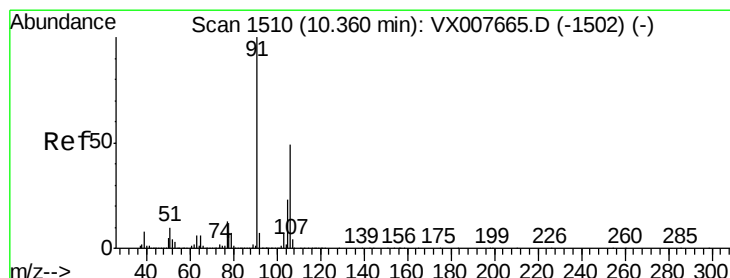
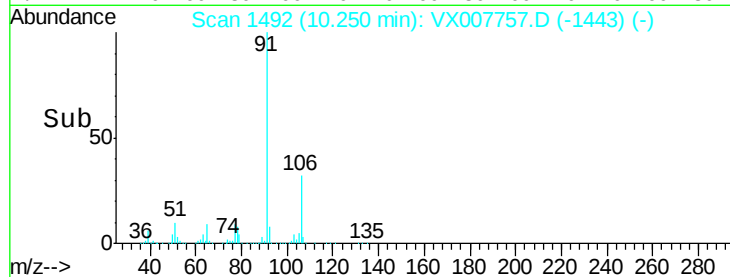
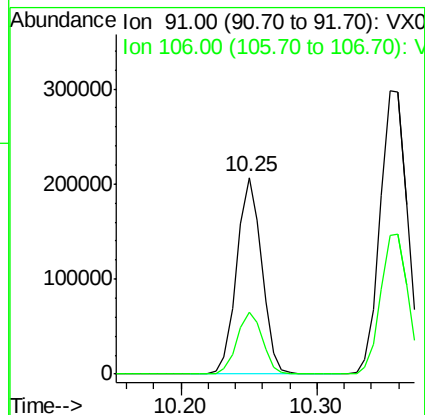
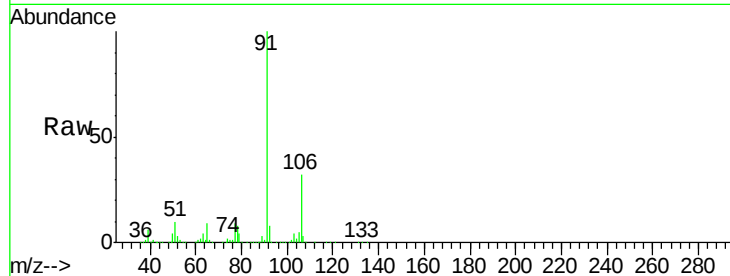
Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0

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#68

m/p-Xylenes

Concen: 37.144 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007757.D

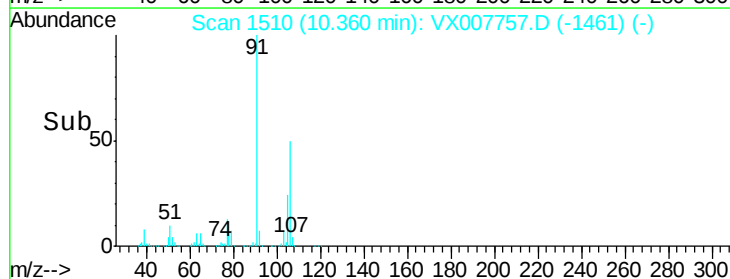
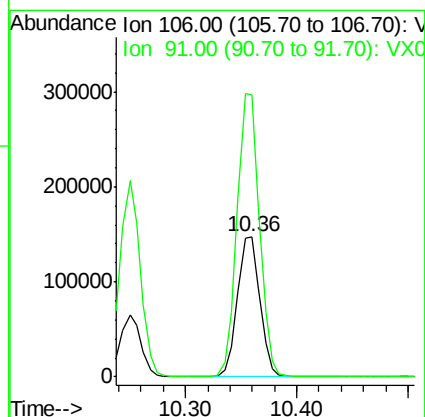
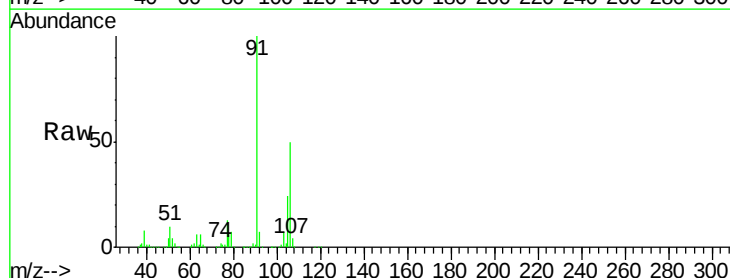
Acq: 28 Feb 2019 11:05

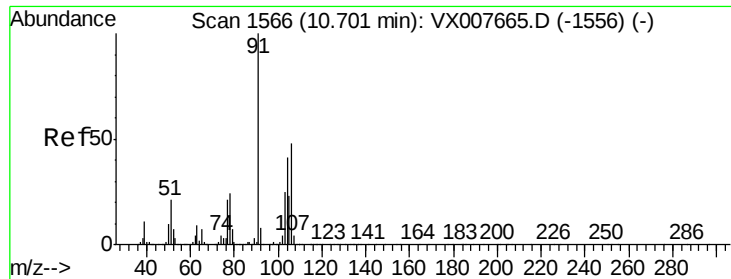
Tgt Ion: 106 Resp: 206074

Ion Ratio Lower Upper

106 100

91 202.1 156.6 234.8





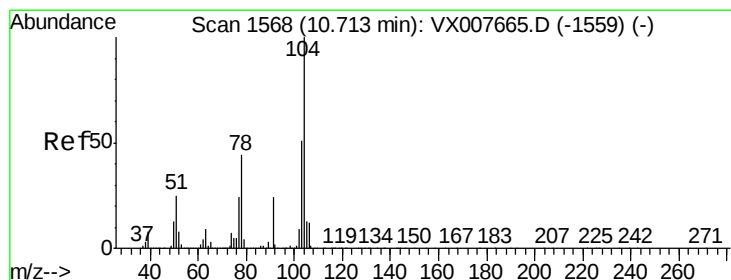
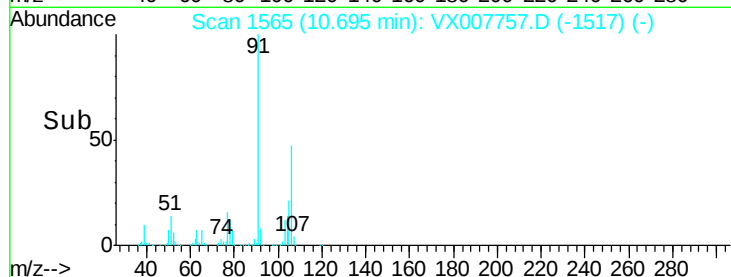
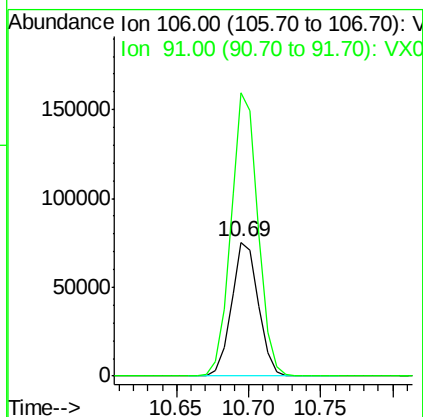
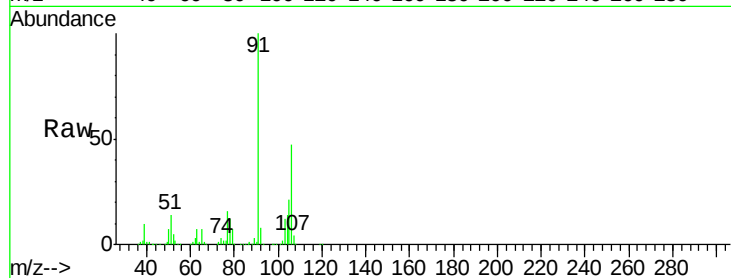
#69
o-Xylene
Concen: 18.455 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.7	102.9	308.7

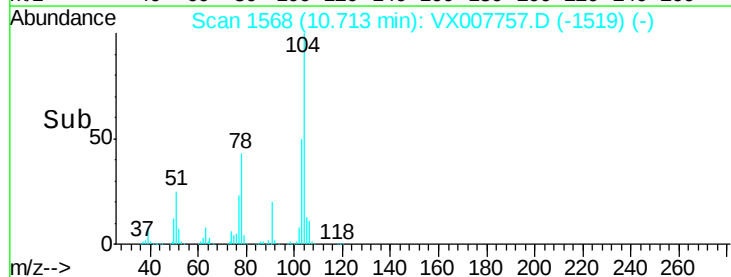
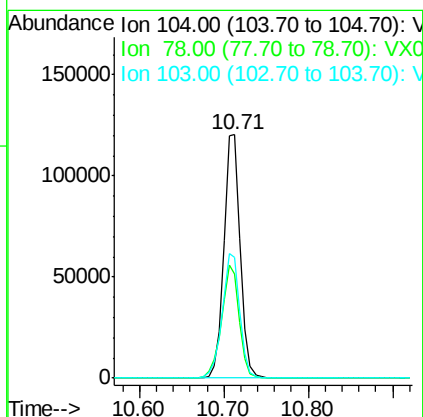
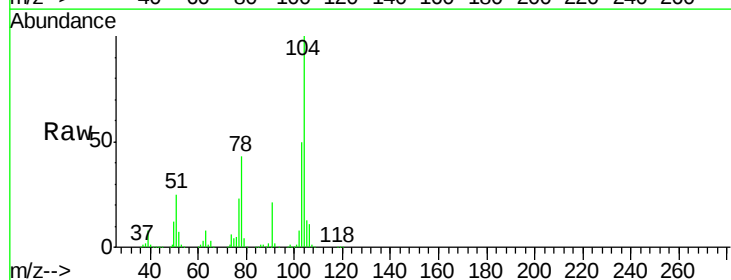
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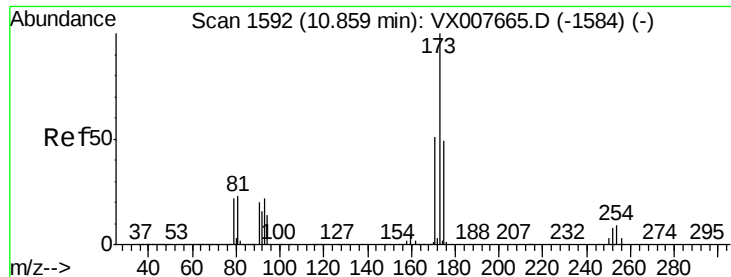
MMDadoda
3/1/2019 10:04:07 AM



#70
Styrene
Concen: 18.427 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	38.3	57.5
103	55.0	44.6	67.0





#71

Bromoform

Concen: 19.282 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

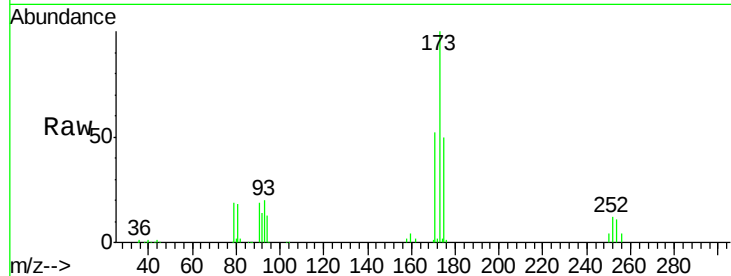
ClientSampleId :

VX0228WBS01

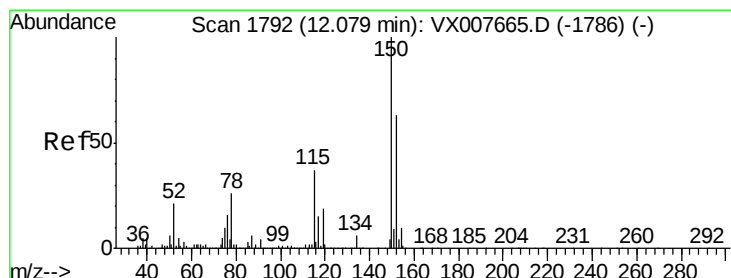
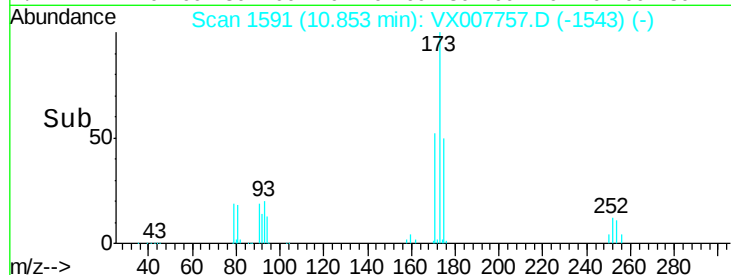
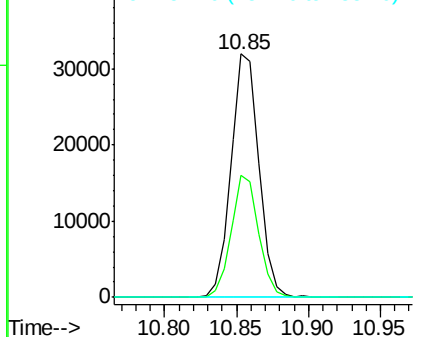
Tot Ion:	173	Resp:	43421
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.2	72.6
254	0.0	0.2	0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

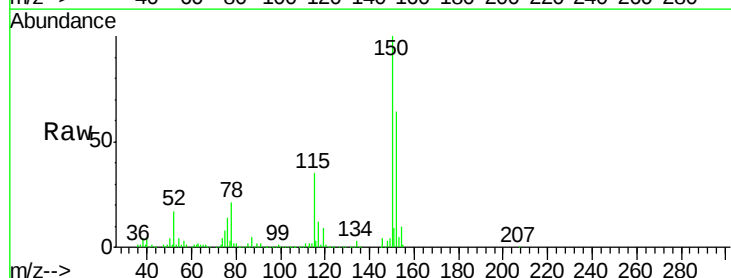
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

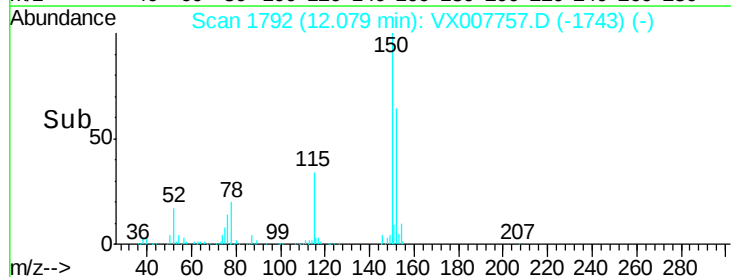
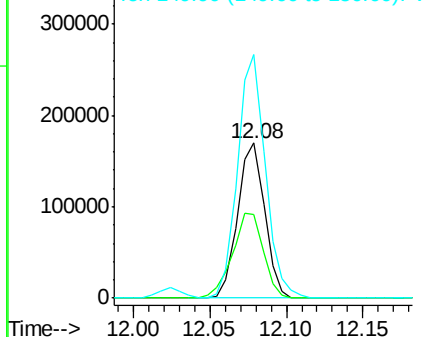
Lab File: VX007757.D

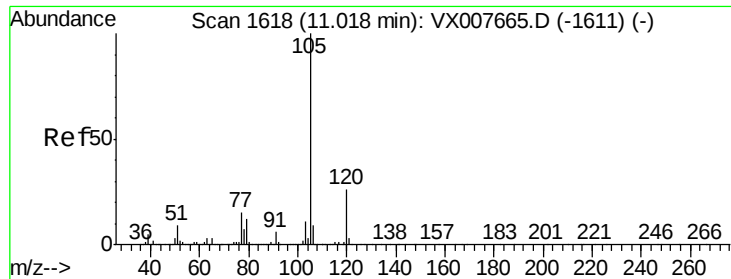
Acq: 28 Feb 2019 11:05

Tgt Ion:	152	Resp:	208027
Ion Ratio	Lower	Upper	
152	100		
115	63.2	38.0	114.0
150	161.8	0.0	346.4



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





#73

Isopropylbenzene

Concen: 18.022 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion:105 Resp: 267948

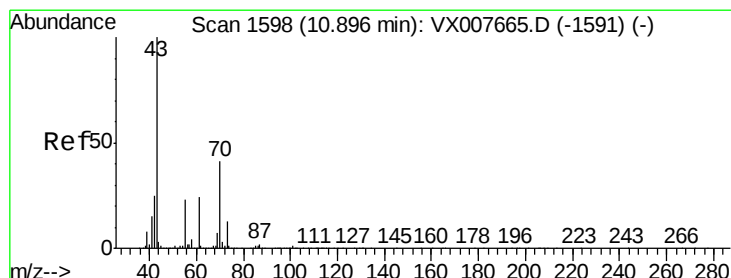
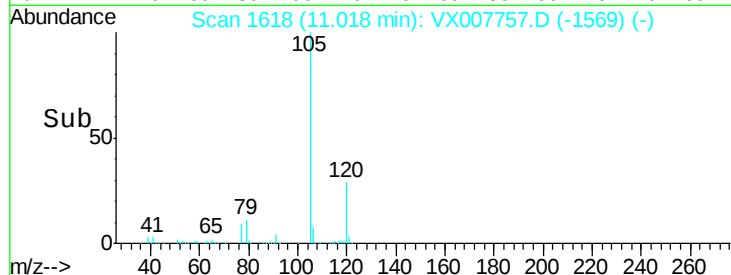
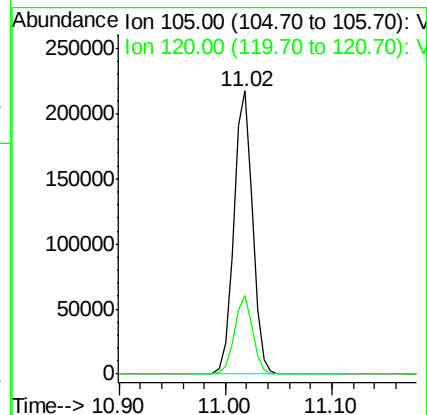
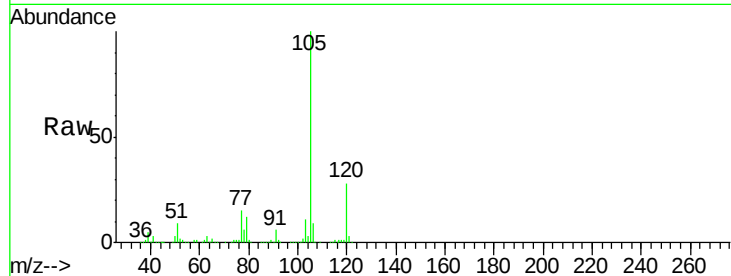
Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7

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3/1/2019 10:04:07 AM



#74

N-ethyl acetate

Concen: 17.841 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tgt Ion: 43 Resp: 115190

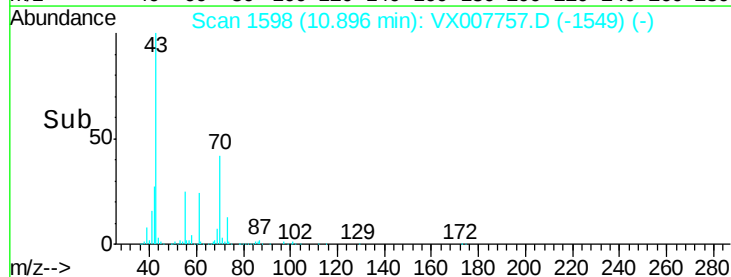
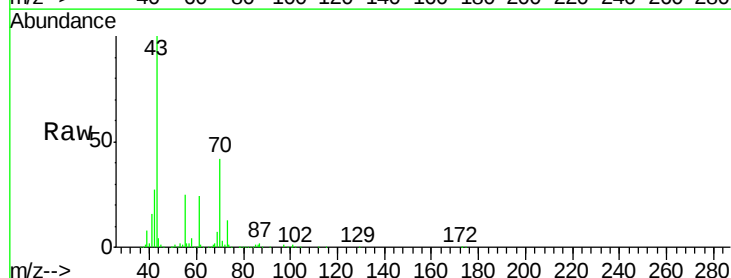
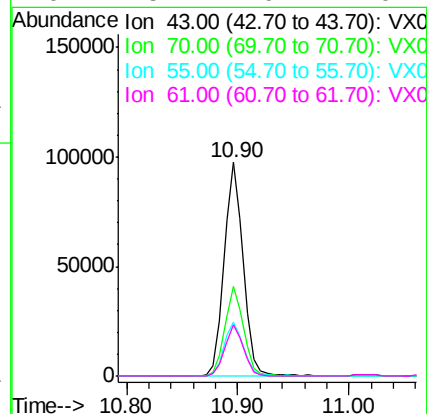
Ion Ratio Lower Upper

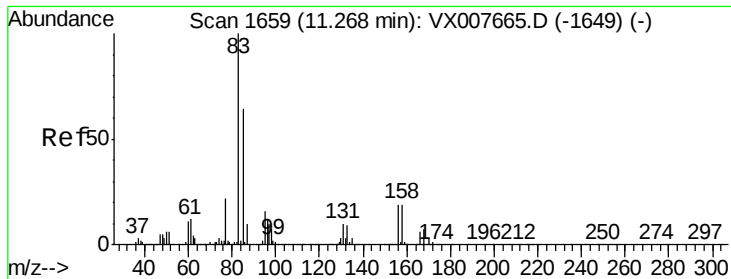
43 100

70 41.2 33.8 50.6

55 25.8 19.5 29.3

61 23.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.012 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

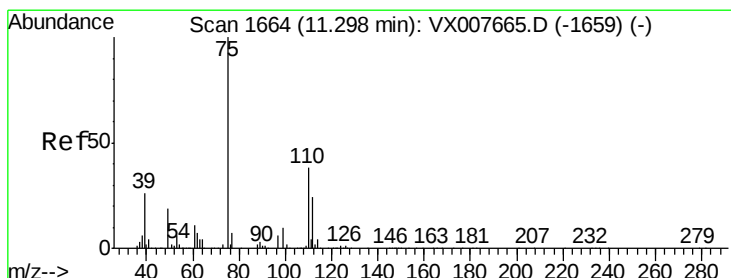
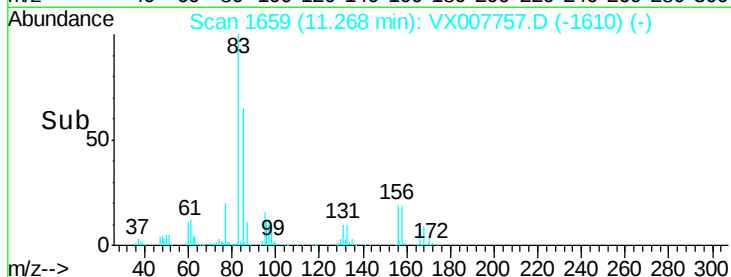
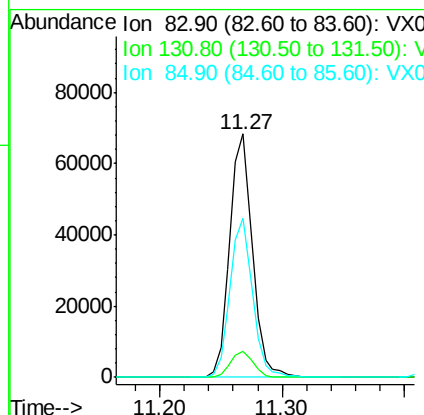
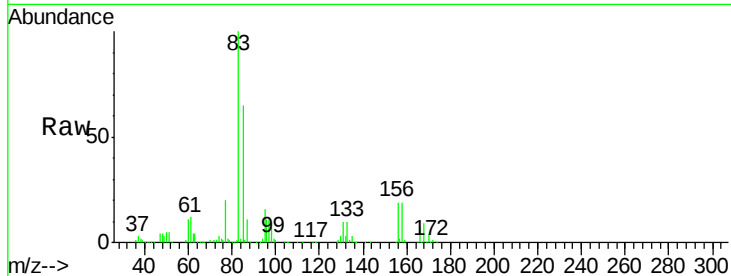
ClientSampleId :

VX0228WBS01

Tot Ion:	83	Resp:	87480
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.7	17.0
85	65.0	32.8	98.3

Manual Integrations
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3/1/2019 10:04:07 AM



#76

1,2,3-Trichloropropane

Concen: 17.047 ug/l m

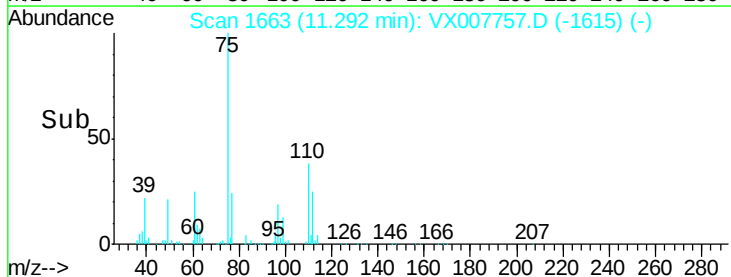
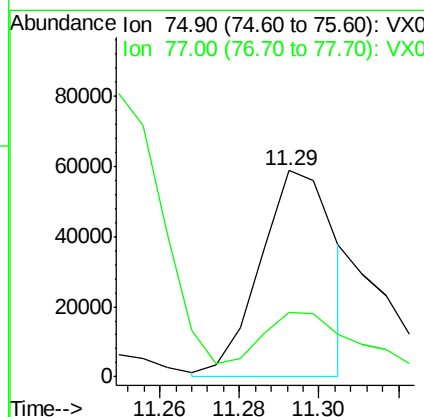
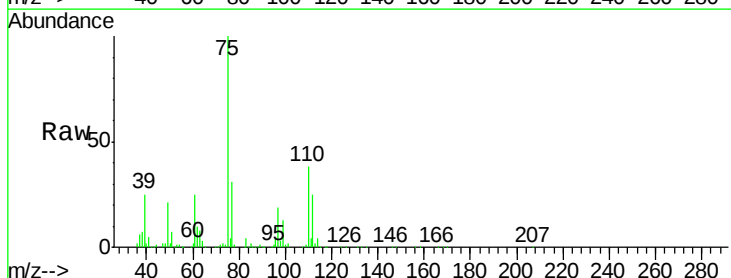
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tgt Ion:	75	Resp:	75590
Ion Ratio	Lower	Upper	
75	100		
77	42.8	23.0	69.0





#77

Bromobenzene

Concen: 19.193 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion:156 Resp: 71576

Ion Ratio Lower Upper

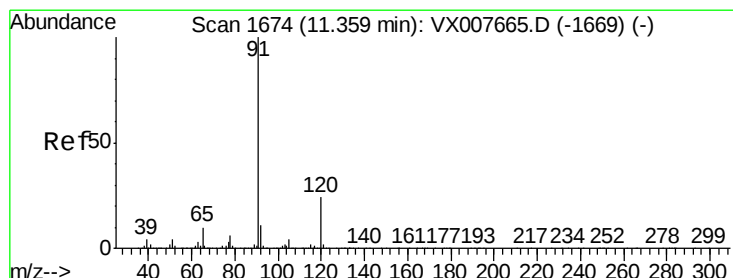
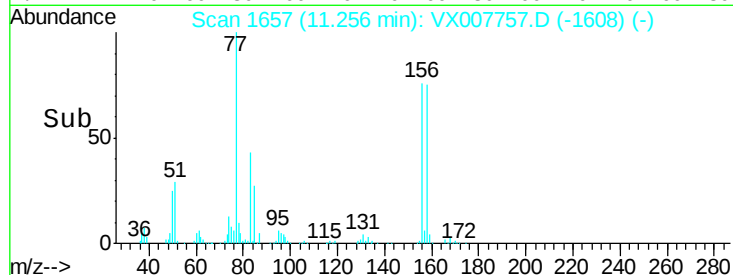
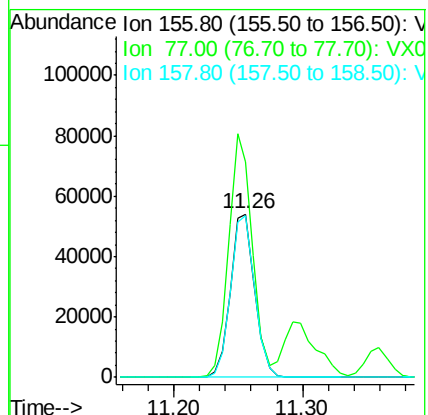
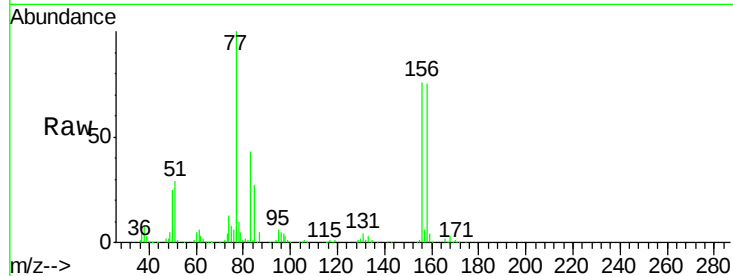
156 100

77 144.8 66.8 200.6

158 98.9 47.9 143.8

Manual Integrations
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MMDadoda
3/1/2019 10:04:07 AM



#78

n-propylbenzene

Concen: 18.082 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007757.D

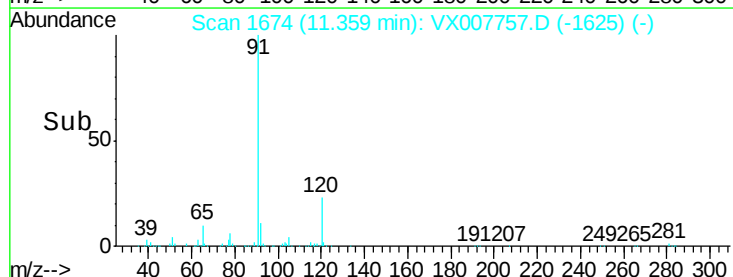
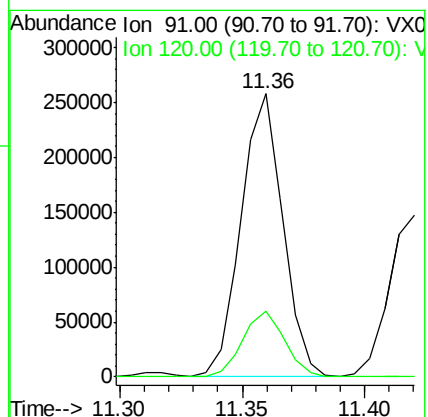
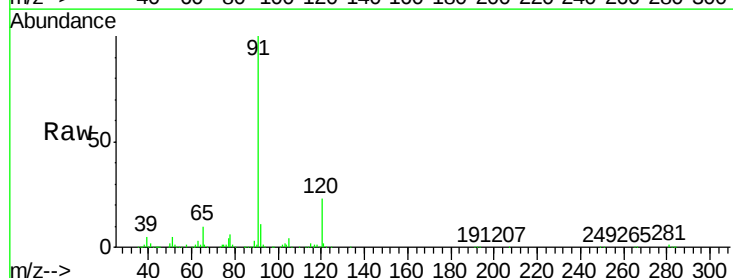
Acq: 28 Feb 2019 11:05

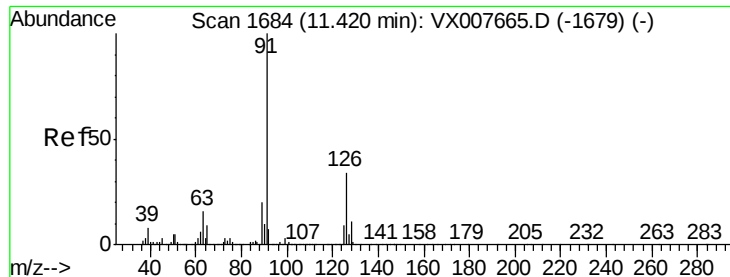
Tgt Ion: 91 Resp: 303802

Ion Ratio Lower Upper

91 100

120 23.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 17.847 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 91 Resp: 180544

Ion Ratio Lower Upper

91 100

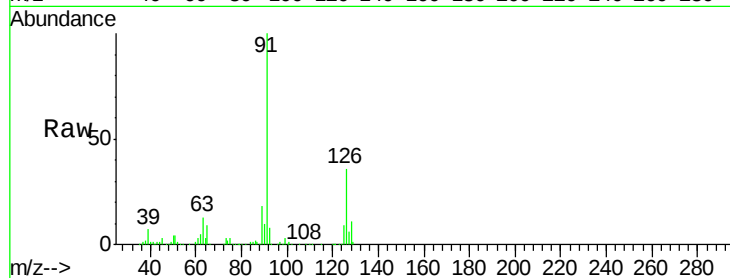
126 35.5 18.7 56.1

Manual Integrations

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3/1/2019 10:04:07 AM



Abundance Ion 91.00 (90.70 to 91.70): VX007665.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007665.D (-1679) (-)

300000

250000

200000

150000

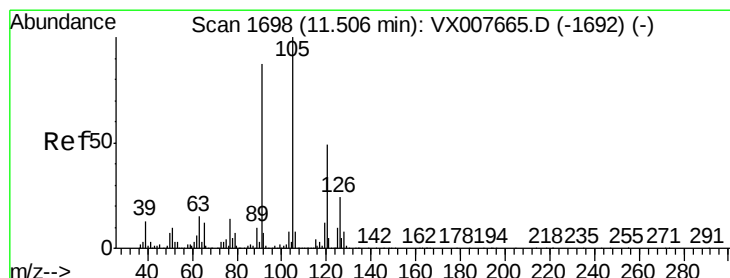
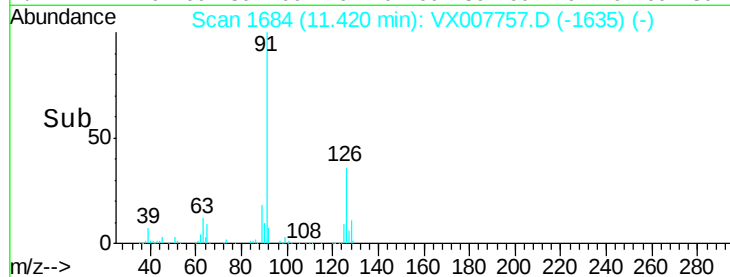
100000

50000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.323 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007757.D

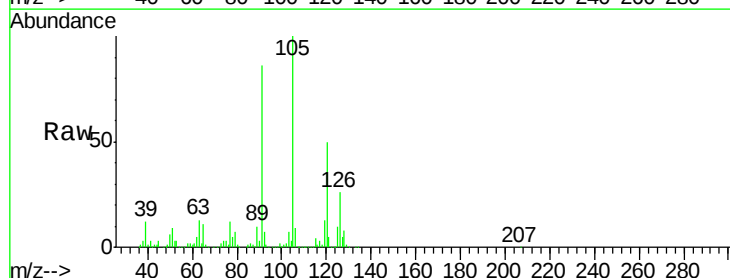
Acq: 28 Feb 2019 11:05

Tgt Ion: 105 Resp: 224084

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007665.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007665.D (-1692) (-)

200000

150000

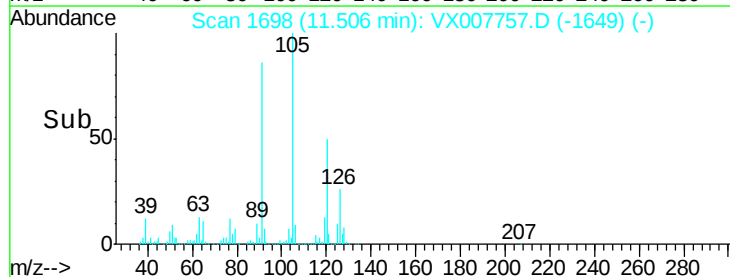
100000

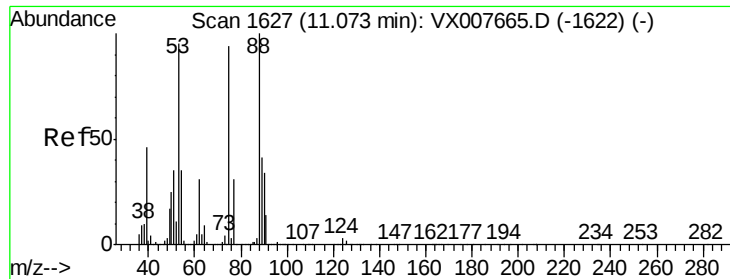
50000

0

11.40 11.50 11.60

Time-->





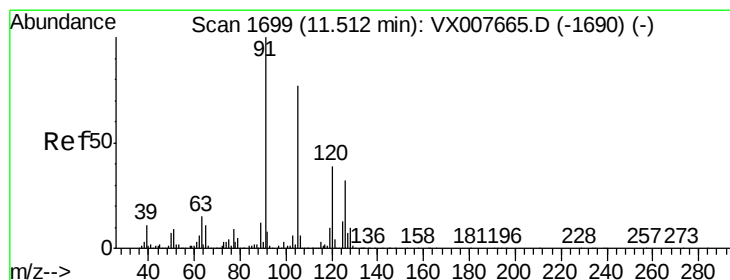
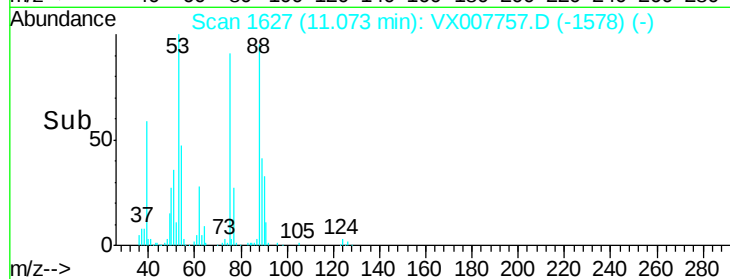
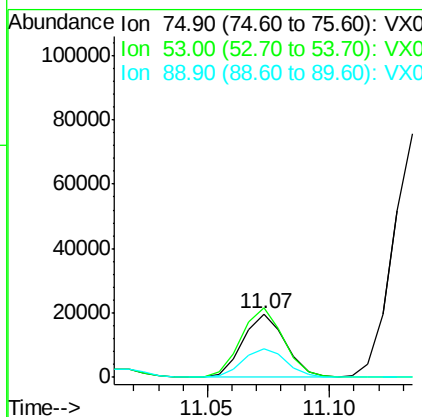
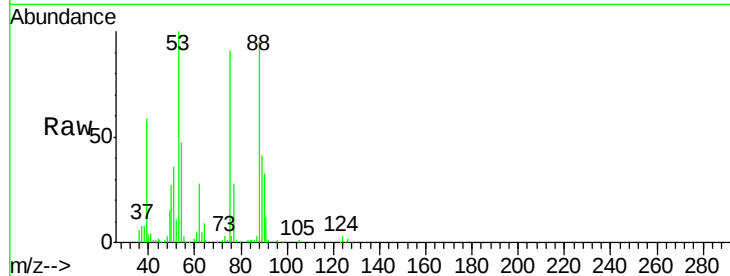
#81
trans-1,4-Dichloro-2-butene
Concen: 16.486 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.7	81.0	121.6
89	47.3	41.4	62.0

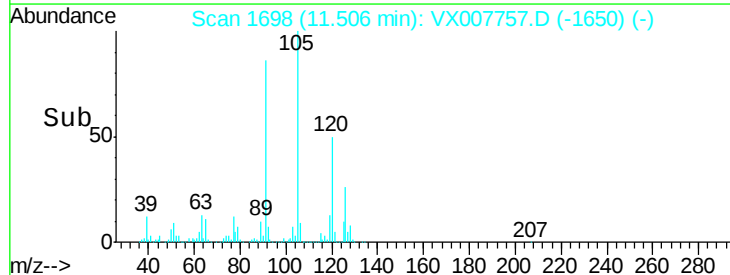
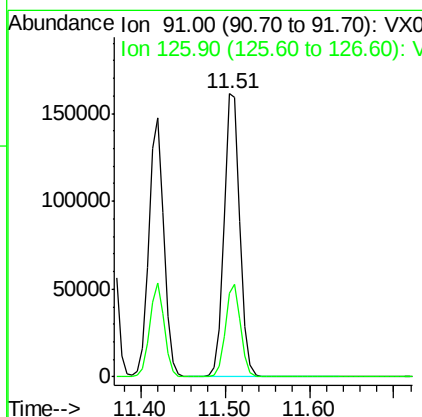
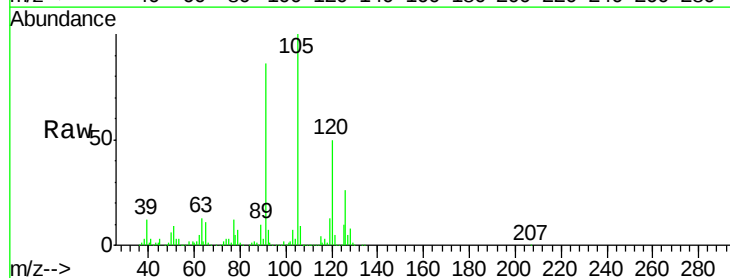
Manual Integrations
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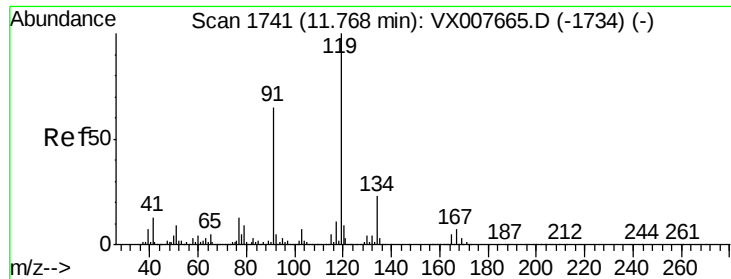
MMDadoda
3/1/2019 10:04:07 AM



#82
4-Chlorotoluene
Concen: 17.674 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.2	48.5





#83

tert-Butylbenzene

Concen: 18.409 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

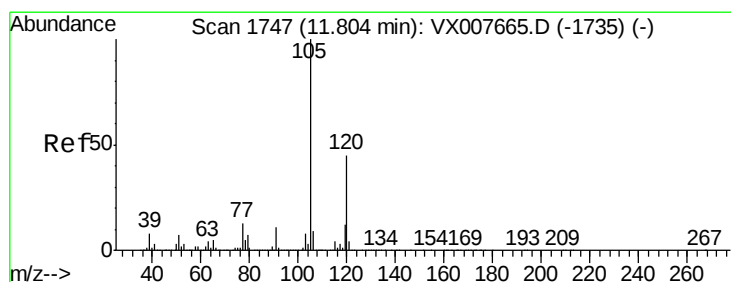
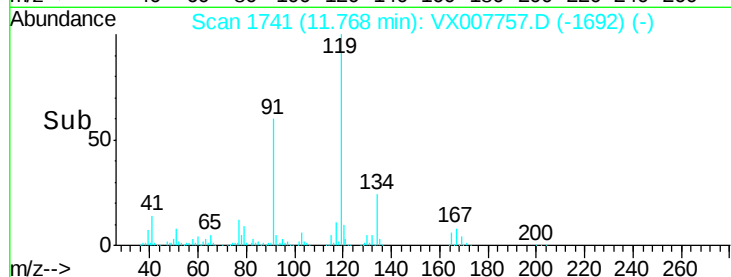
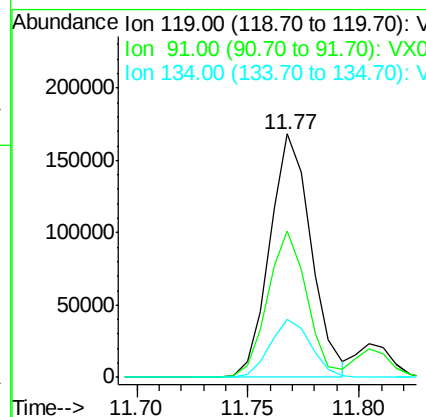
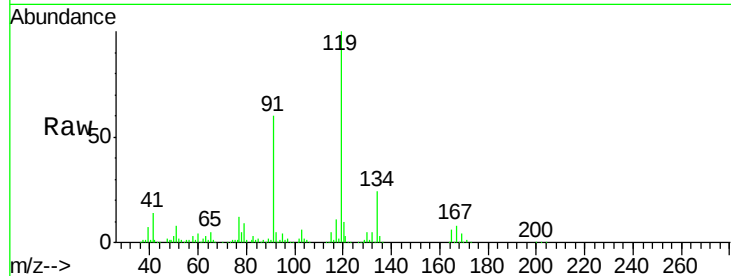
ClientSampled :

VX0228WBS01

Tot Ion:	119	Resp:	216168
Ion Ratio	Lower	Upper	
119	100		
91	57.4	28.5	85.6
134	23.8	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.261 ug/l

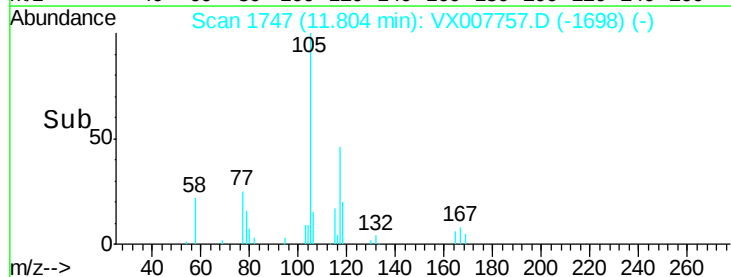
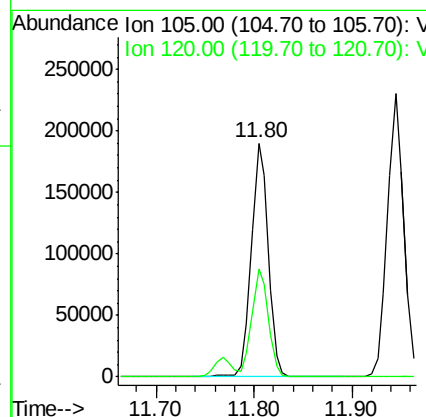
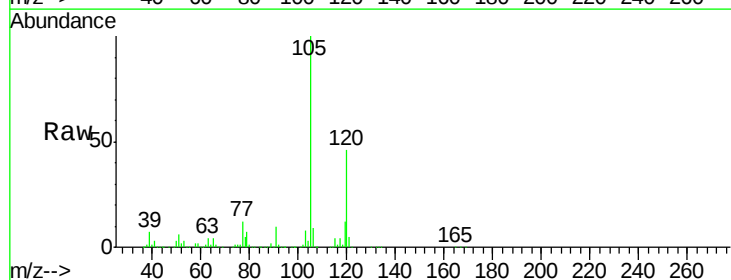
RT: 11.80 min Scan# 1747

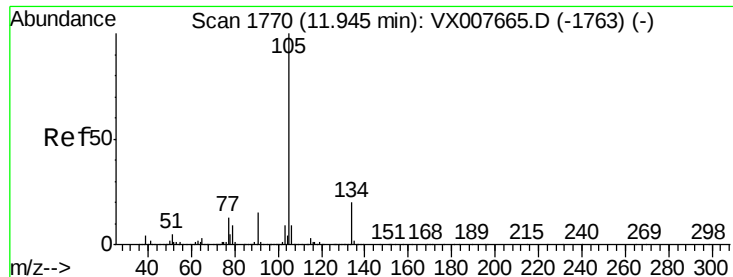
Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tgt Ion:	105	Resp:	228435
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.227 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion:105 Resp: 268200

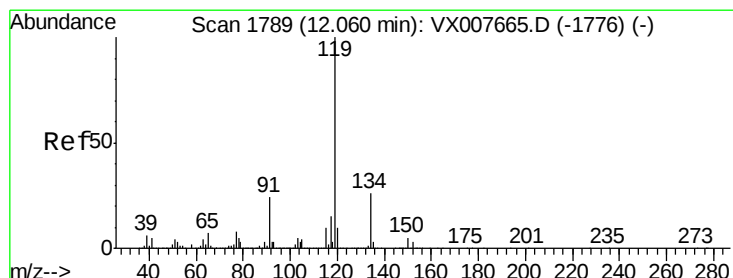
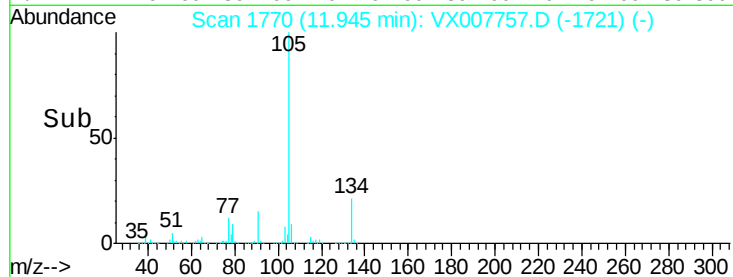
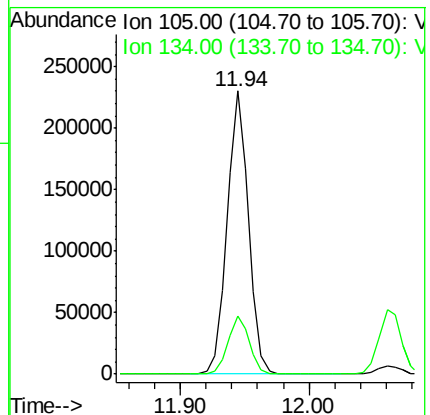
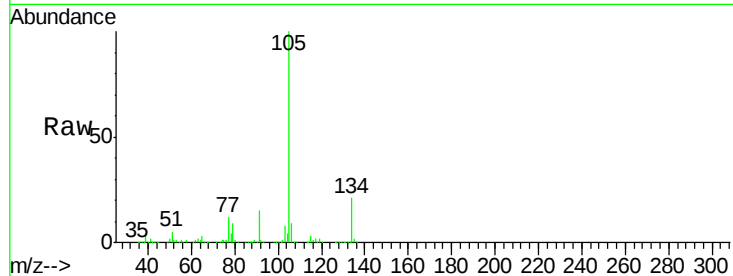
Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 18.646 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

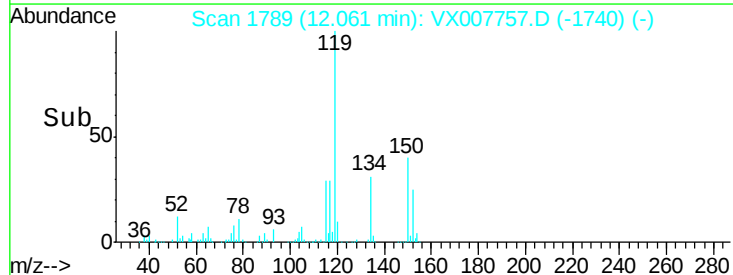
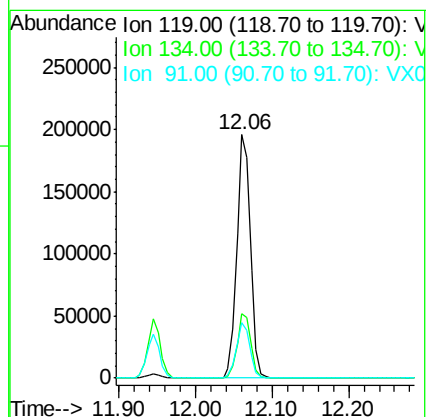
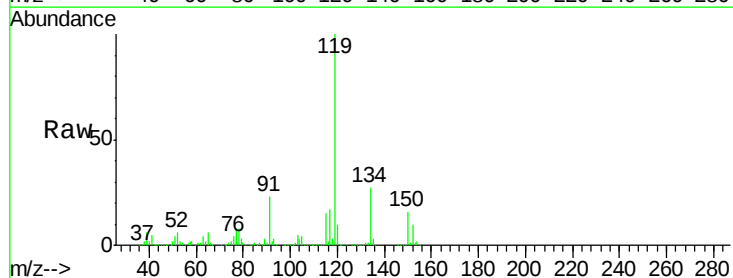
Tgt Ion:119 Resp: 240271

Ion Ratio Lower Upper

119 100

134 26.3 13.7 41.1

91 22.5 11.2 33.5





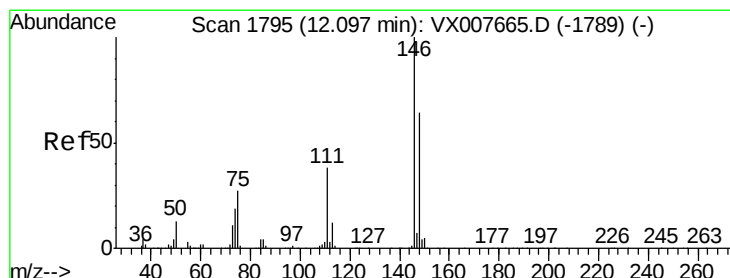
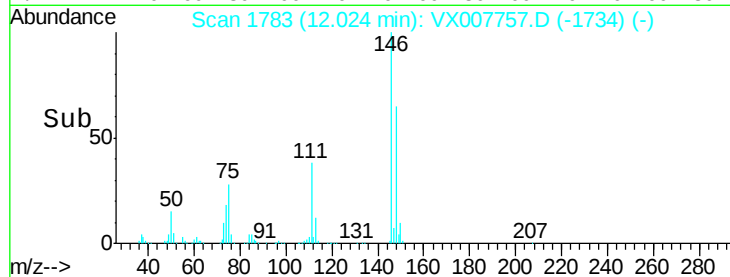
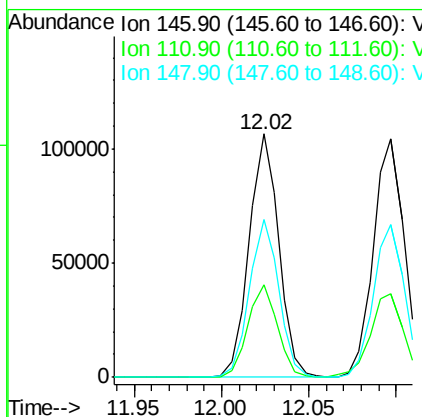
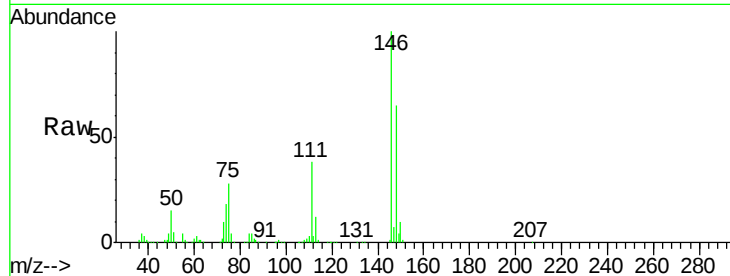
#87
 1,3-Dichlorobenzene
 Concen: 18.266 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	64.5	32.0	96.2

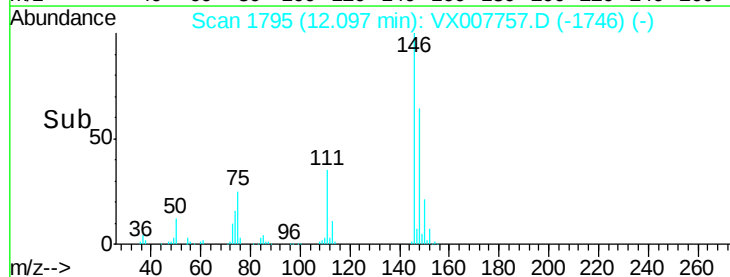
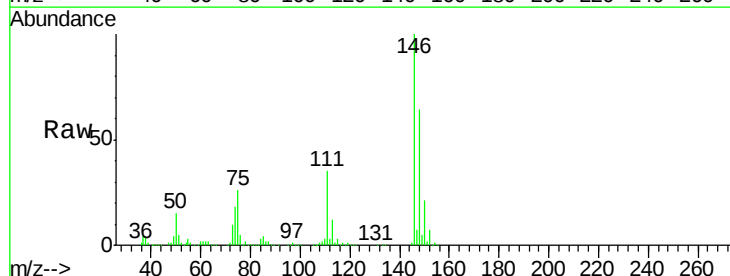
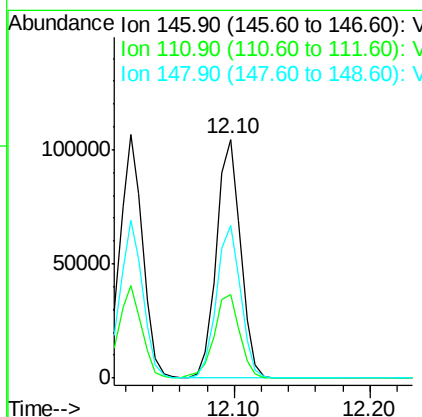
Manual Integrations
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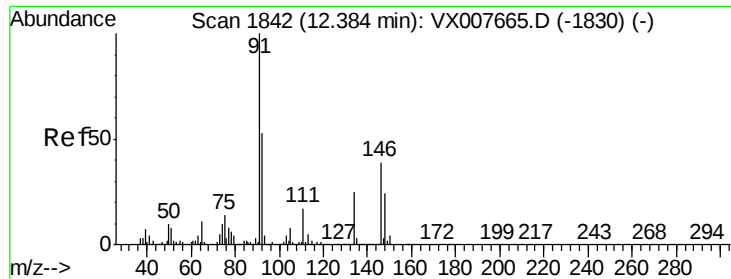
MMDadoda
 3/1/2019 10:04:07 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.134 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.6	32.3	96.9





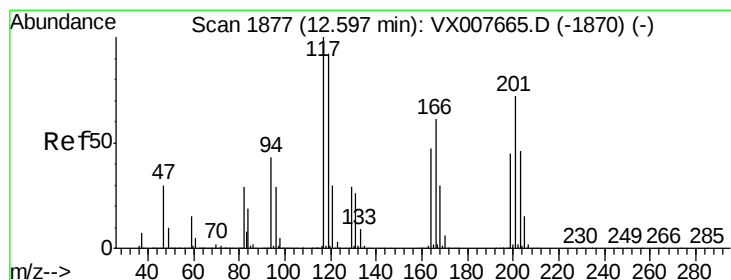
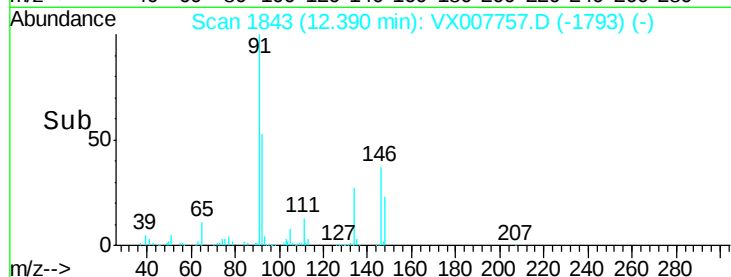
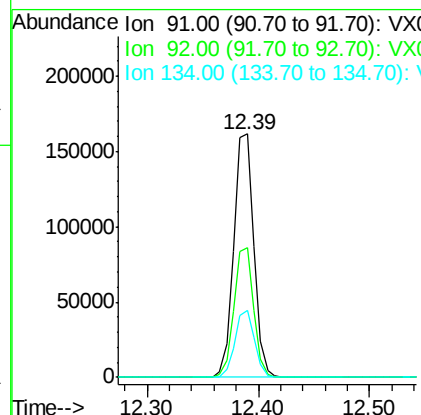
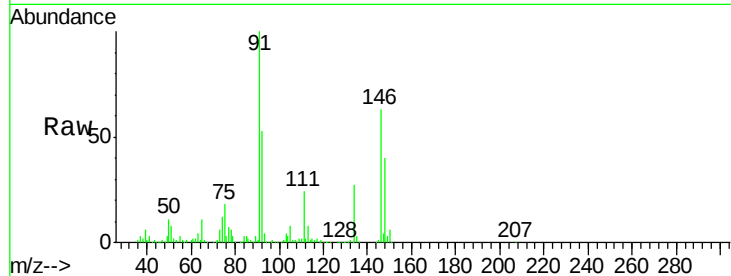
#89
n-Butylbenzene
Concen: 17.470 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	200765		
92	52.4		26.3	78.9
134	26.9		13.9	41.6

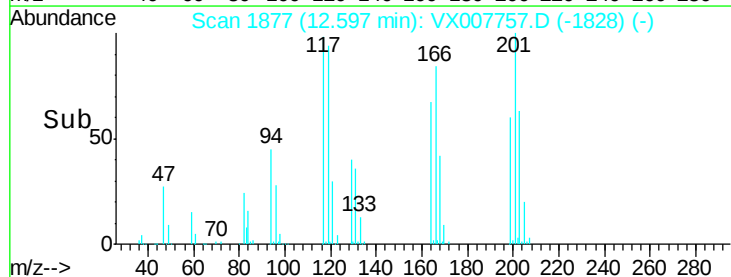
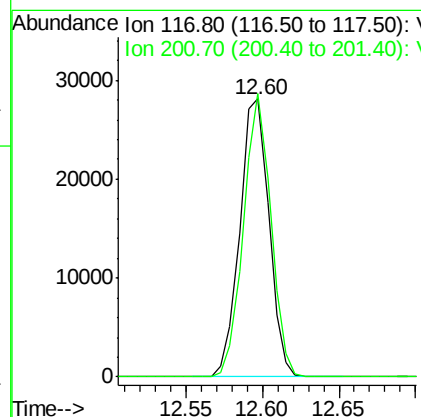
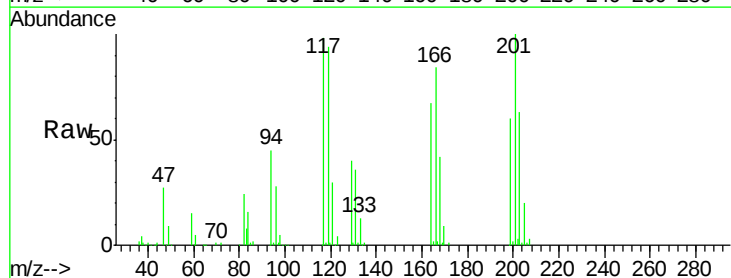
Manual Integrations
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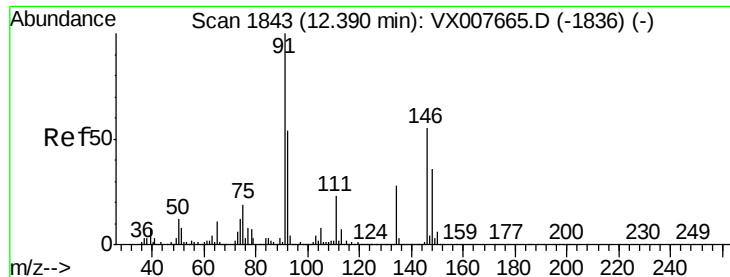
MMDadoda
3/1/2019 10:04:07 AM



#90
Hexachloroethane
Concen: 17.145 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007757.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37227		
201	95.1		44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 18.508 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

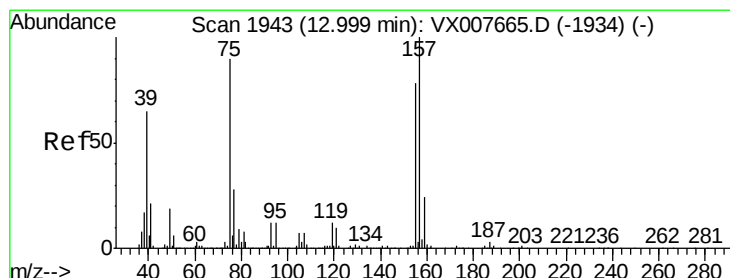
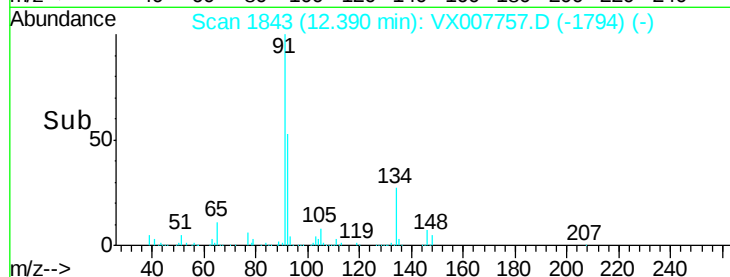
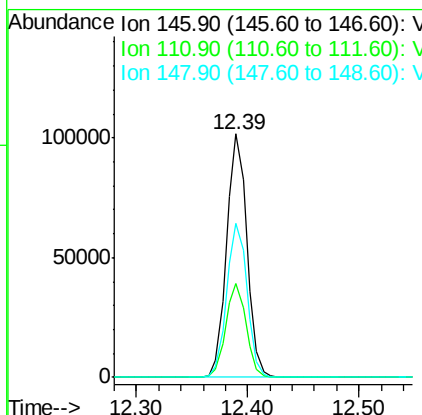
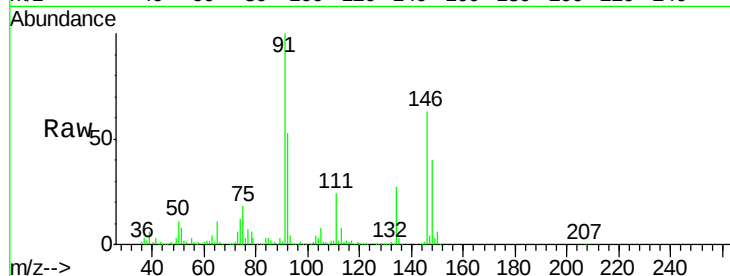
ClientSampled :

VX0228WBS01

Tot Ion:	146	Resp:	128098
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.1	57.3
148	63.4	32.1	96.3

Manual Integrations
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MMDadoda
3/1/2019 10:04:07 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.194 ug/l

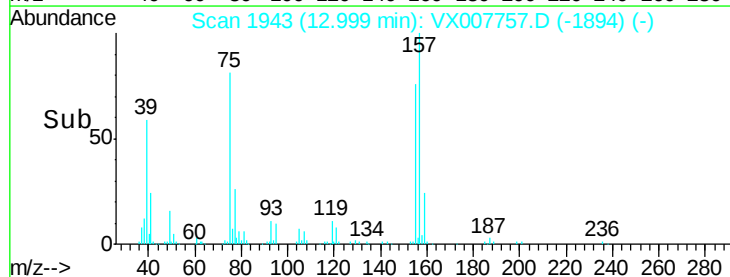
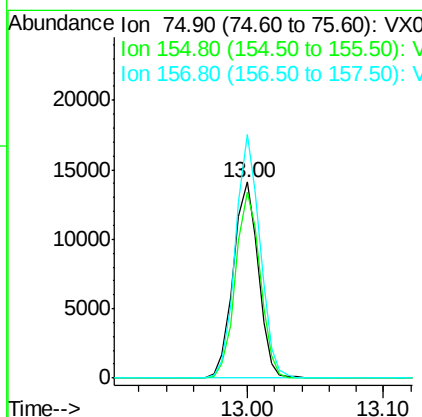
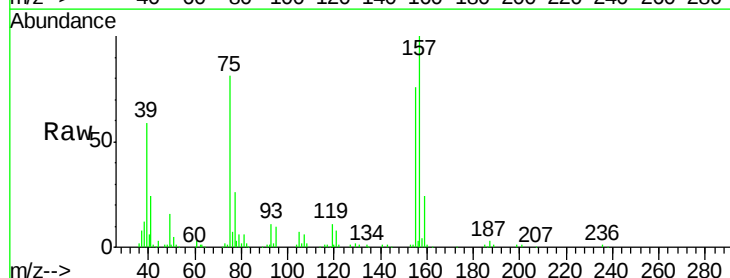
RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tgt Ion:	75	Resp:	18145
Ion Ratio	Lower	Upper	
75	100		
155	92.9	49.6	149.0
157	120.9	65.1	195.3





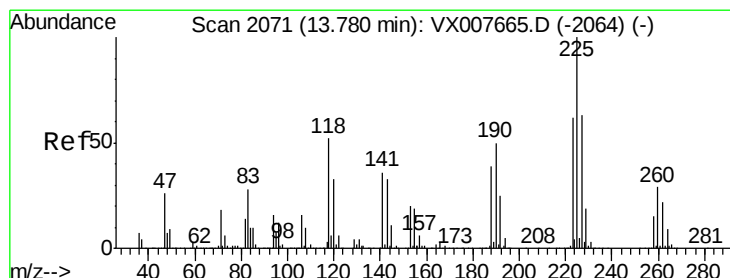
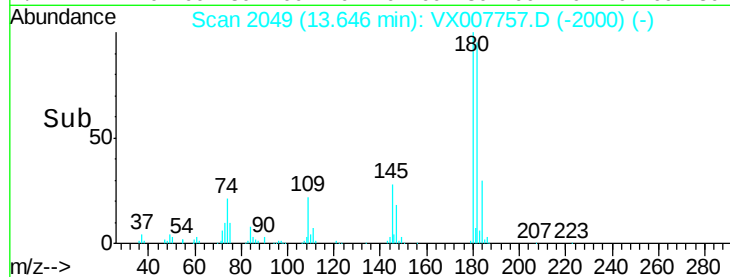
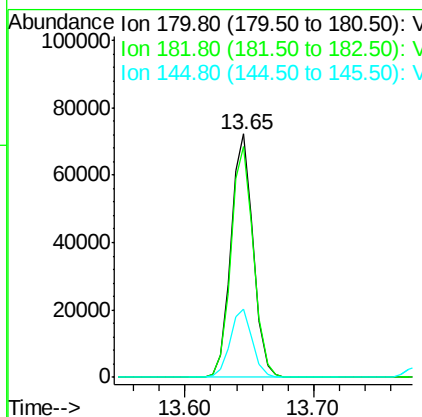
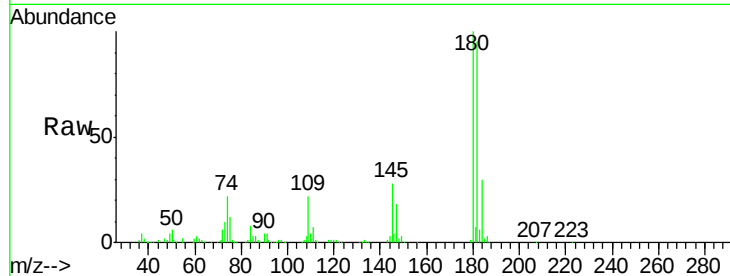
#93
 1,2,4-Trichlorobenzene
 Concen: 20.654 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	87259		
182	95.7	47.8	143.3	
145	28.2	14.1	42.2	

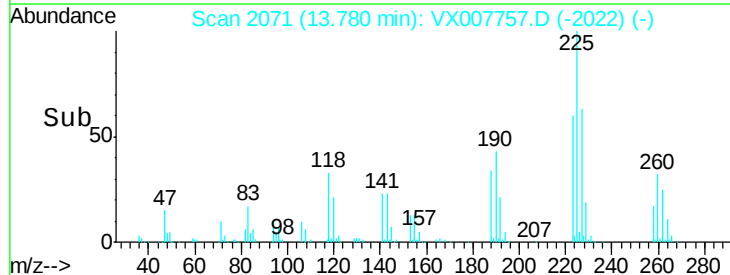
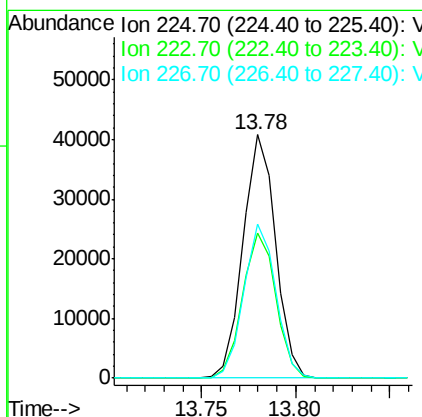
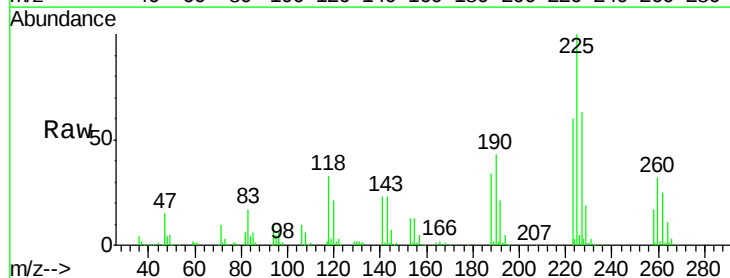
Manual Integrations
 APPROVED

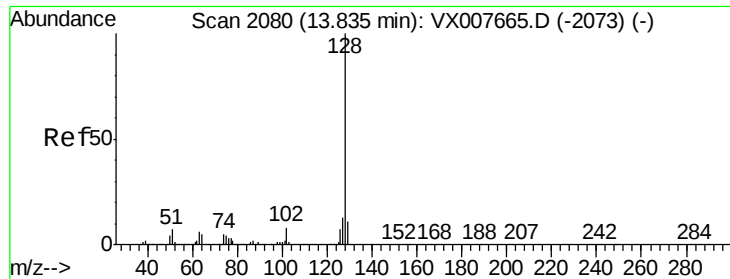
MMDadoda
 3/1/2019 10:04:07 AM



#94
 Hexachlorobutadiene
 Concen: 25.324 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007757.D
 Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48944		
223	61.0	31.6	94.8	
227	62.6	32.1	96.3	





#95

Naphthalene

Concen: 18.312 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Instrument :

MSVOA_X

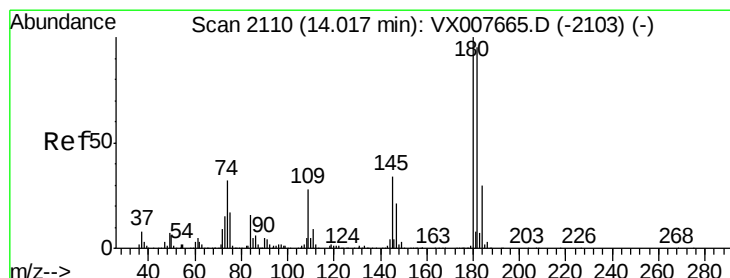
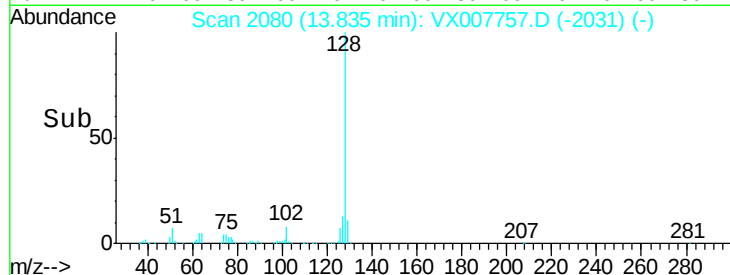
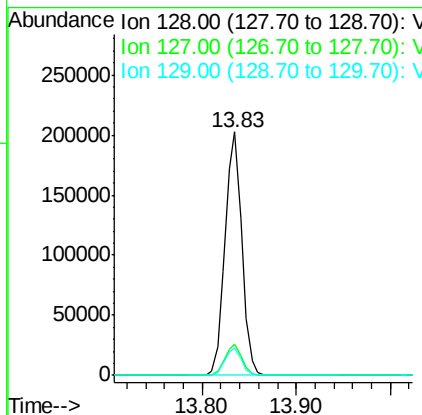
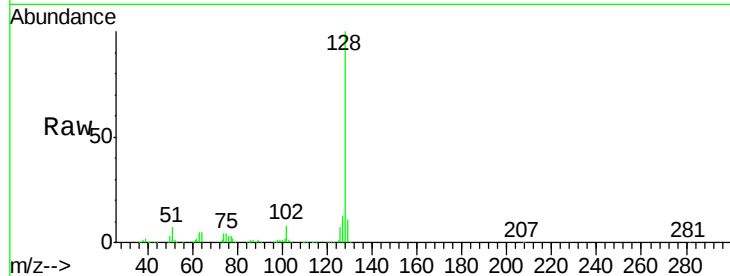
ClientSampled :

VX0228WBS01

Tot Ion:	128	Resp:	250654
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/1/2019 10:04:07 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.480 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007757.D

Acq: 28 Feb 2019 11:05

Tgt Ion:	180	Resp:	86877
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.5	142.6
145	30.3	14.9	44.5

