

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030119\
 Data File : VX007786.D
 Acq On : 01 Mar 2019 13:40
 Operator : JC/SP
 Sample : VX0301MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:36:06 PM

Quant Time: Mar 01 22:37:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168895	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	5.50	113	143169	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	8.71	98	535295	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.13	95	189460	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48930	17.945	ug/l	99
3) Chloromethane	1.33	50	56917	18.837	ug/l	100
4) Vinyl Chloride	1.41	62	58676	18.928	ug/l	99
5) Bromomethane	1.64	94	34000	16.366	ug/l	99
6) Chloroethane	1.73	64	38346	19.362	ug/l	99
7) Trichlorofluoromethane	1.93	101	84173	17.712	ug/l	98
8) Diethyl Ether	2.19	74	35778	18.344	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50301	17.512	ug/l	98
10) Methyl Iodide	2.51	142	70191	19.625	ug/l	100
11) Tert butyl alcohol	3.07	59	72876	104.760	ug/l	98
12) 1,1-Dichloroethene	2.38	96	47855	18.483	ug/l	92
13) Acrolein	2.30	56	82806	133.956	ug/l	100
14) Allyl chloride	2.73	41	99869	20.861	ug/l	92
15) Acrylonitrile	3.15	53	170996	104.453	ug/l	100
16) Acetone	2.45	43	156345	95.891	ug/l	99
17) Carbon Disulfide	2.57	76	126809	17.605	ug/l	97
18) Methyl Acetate	2.78	43	80430	22.607	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	173802	19.277	ug/l	99
20) Methylene Chloride	2.86	84	55586	18.463	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	51697	18.367	ug/l	95
22) Diisopropyl ether	3.87	45	201466	20.216	ug/l	95
23) Vinyl Acetate	3.82	43	864340	98.855	ug/l	97
24) 1,1-Dichloroethane	3.70	63	105869	19.547	ug/l	99
25) 2-Butanone	4.70	43	256087	103.111	ug/l	96
26) 2,2-Dichloropropane	4.59	77	73119	16.912	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	63375	17.695	ug/l	93
28) Bromochloromethane	5.02	49	46520	17.643	ug/l	84
29) Tetrahydrofuran	5.15	42	167018	102.019	ug/l	94
30) Chloroform	5.22	83	106189	18.303	ug/l	99
31) Cyclohexane	5.58	56	94631	18.574	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	88340	18.411	ug/l	97
36) 1,1-Dichloropropene	5.80	75	78018	20.162	ug/l	96
37) Ethyl Acetate	4.85	43	96115	22.360	ug/l	99
38) Carbon Tetrachloride	5.78	117	75447	19.410	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91780	18.767	ug/l	93
40) Benzene	6.14	78	241473	20.215	ug/l	100
41) Methacrylonitrile	5.06	41	52641	22.934	ug/l	96
42) 1,2-Dichloroethane	6.20	62	83603	20.823	ug/l	99
43) Isopropyl Acetate	6.46	43	142341	21.516	ug/l	98
44) Trichloroethene	7.21	130	65212	19.846	ug/l	95
45) 1,2-Dichloropropane	7.52	63	64738	20.922	ug/l	98
46) Dibromomethane	7.66	93	40404	18.717	ug/l	98
47) Bromodichloromethane	7.90	83	75204	20.103	ug/l	97
48) Methyl methacrylate	7.77	41	76311	22.006	ug/l	91
49) 1,4-Dioxane	7.75	88	30791	411.109	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	487500	110.088	ug/l	99
52) Toluene	8.78	92	149181	19.805	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	79453	18.929	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	91203	20.090	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	62514	19.902	ug/l	98
56) Ethyl methacrylate	9.18	69	91667	20.522	ug/l	94
57) 1,3-Dichloropropane	9.37	76	103916	20.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	243482	98.848	ug/l	96
59) 2-Hexanone	9.49	43	366175	105.325	ug/l	100
60) Dibromochloromethane	9.58	129	60789	20.113	ug/l	99
61) 1,2-Dibromoethane	9.67	107	64511	19.781	ug/l	100
64) Tetrachloroethene	9.34	164	66438	21.291	ug/l	98
65) Chlorobenzene	10.14	112	164273	19.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59009	20.349	ug/l	99
67) Ethyl Benzene	10.25	91	270906	19.672	ug/l	99
68) m/p-Xylenes	10.36	106	208510	38.919	ug/l	96
69) o-Xylene	10.70	106	102394	19.870	ug/l	97
70) Styrene	10.71	104	167444	19.768	ug/l	99
71) Bromoform	10.86	173	45766	21.046	ug/l #	97
73) Isopropylbenzene	11.02	105	272869	19.548	ug/l	99
74) N-amyl acetate	10.90	43	121303	20.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93133	19.290	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	90288m	21.687	ug/l	
77) Bromobenzene	11.26	156	73995	21.134	ug/l	94
78) n-propylbenzene	11.36	91	303420	19.235	ug/l	98
79) 2-Chlorotoluene	11.42	91	182405	19.205	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	225033	19.598	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24970	18.115	ug/l	94
82) 4-Chlorotoluene	11.51	91	209653	18.869	ug/l	98
83) tert-Butylbenzene	11.77	119	219653	19.924	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	229525	19.542	ug/l	98
85) sec-Butylbenzene	11.94	105	264409	19.139	ug/l	99
86) p-Isopropyltoluene	12.06	119	239359	19.784	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	128444	19.777	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	129356	19.448	ug/l	98
89) n-Butylbenzene	12.38	91	195135	18.085	ug/l	99
90) Hexachloroethane	12.60	117	36819	18.061	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	129749	19.967	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18605	17.686	ug/l	98

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ClientSampleId :
VX0301MBS01

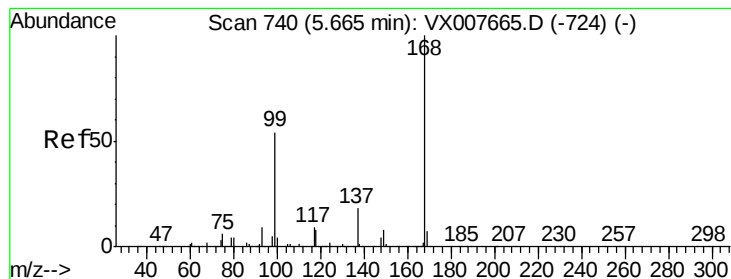
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86383	21.778	ug/l	99
94) Hexachlorobutadiene	13.78	225	46822	25.803	ug/l	99
95) Naphthalene	13.83	128	260019	20.233	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	87329	21.926	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion:168 Resp: 295992

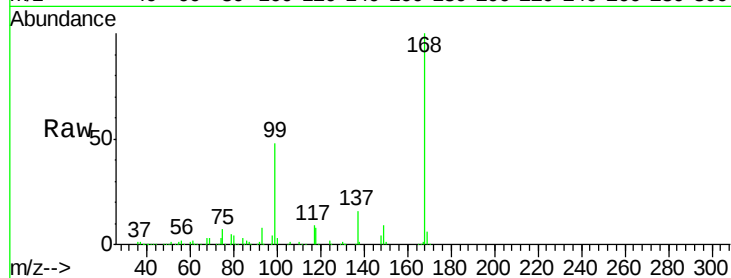
Ion Ratio Lower Upper

168 100

99 48.1 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

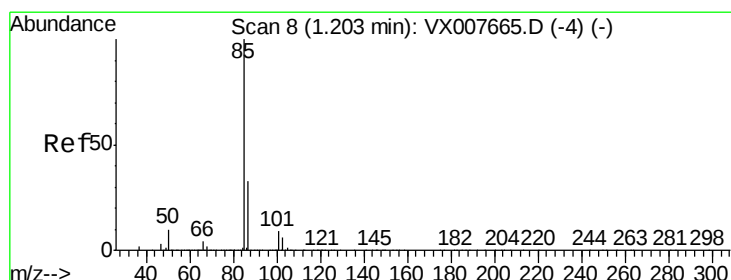
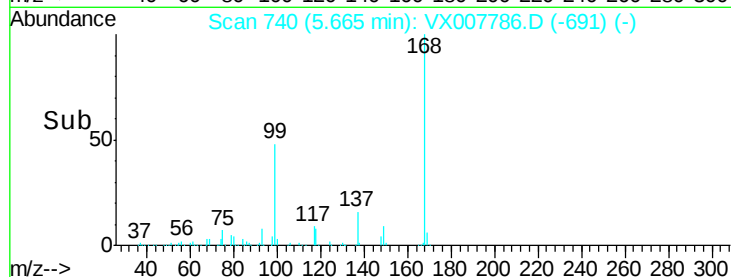
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.945 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007786.D

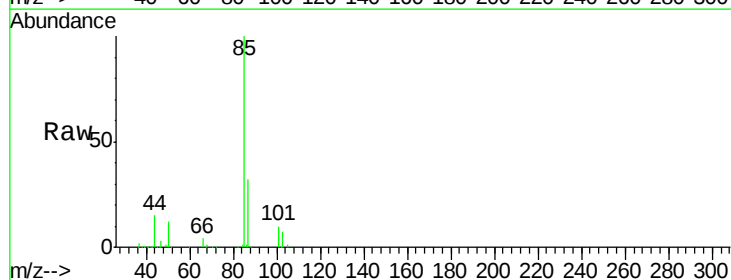
Acq: 01 Mar 2019 13:40

Tgt Ion: 85 Resp: 48930

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

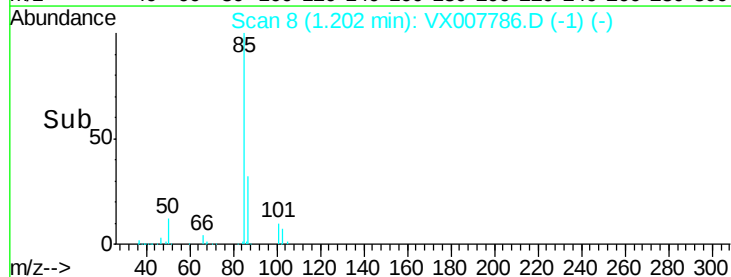
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.837 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 50 Resp: 56917

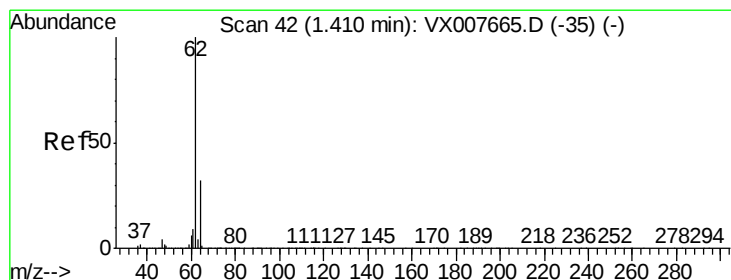
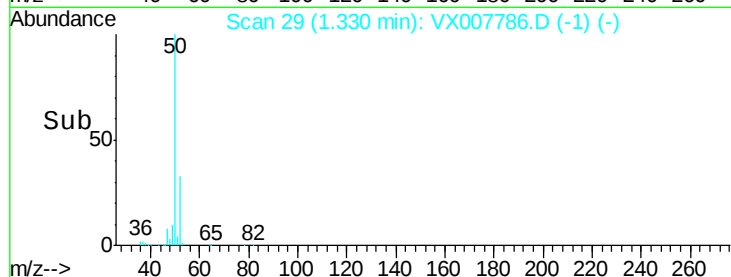
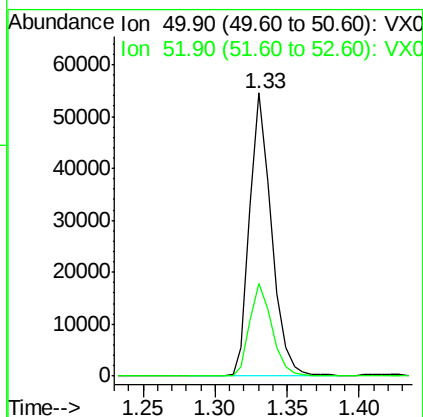
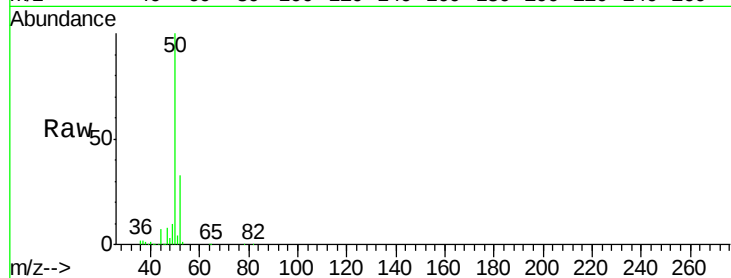
Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.928 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007786.D

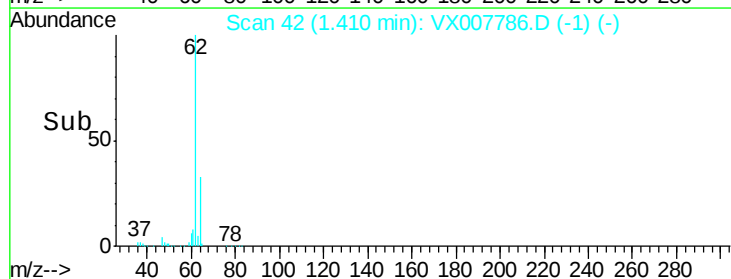
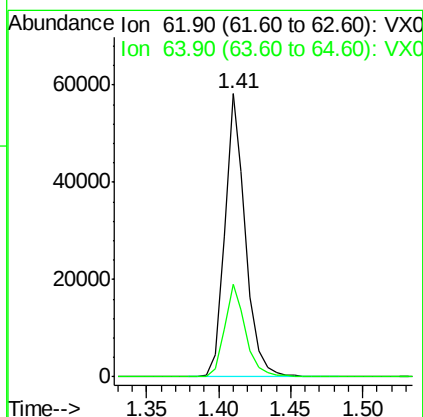
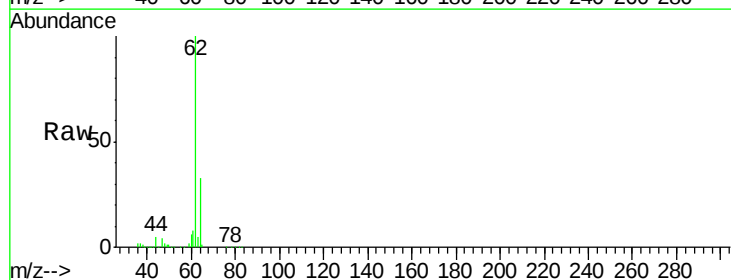
Acq: 01 Mar 2019 13:40

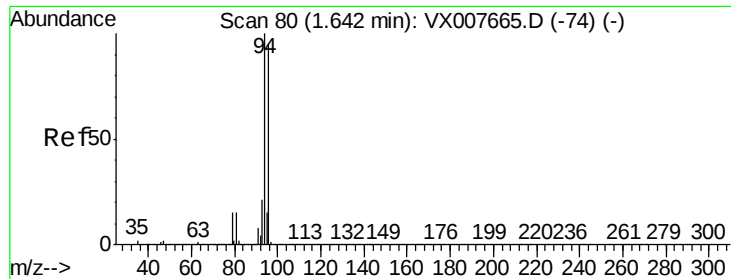
Tgt Ion: 62 Resp: 58676

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 16.366 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 94 Resp: 34000

Ion Ratio Lower Upper

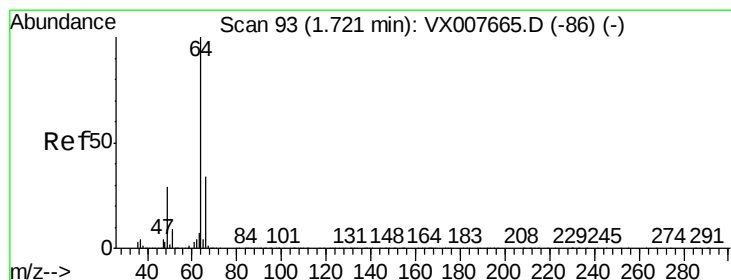
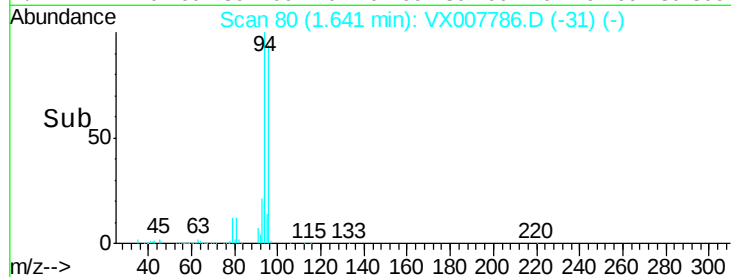
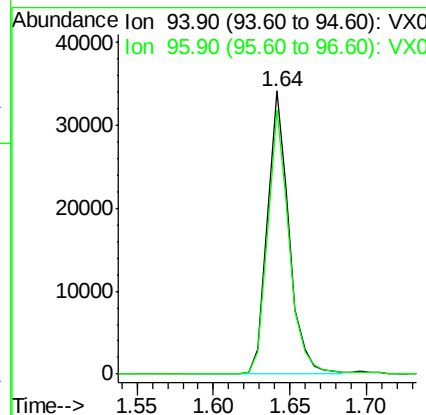
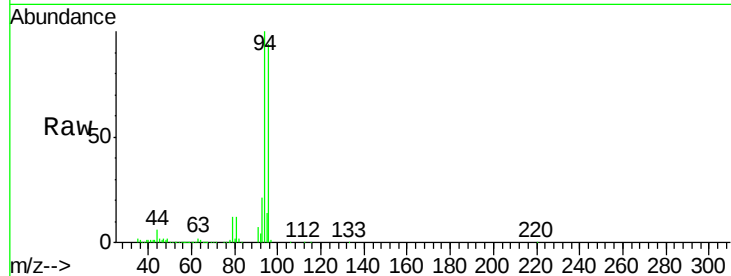
94 100

96 93.6 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 19.362 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007786.D

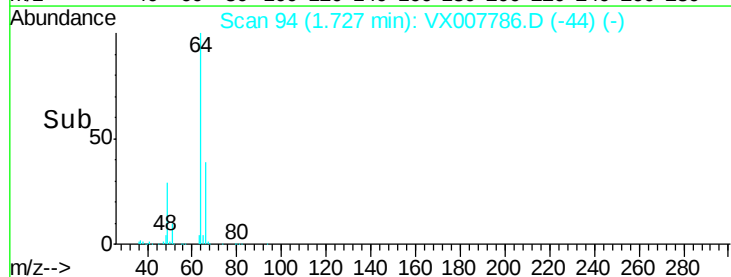
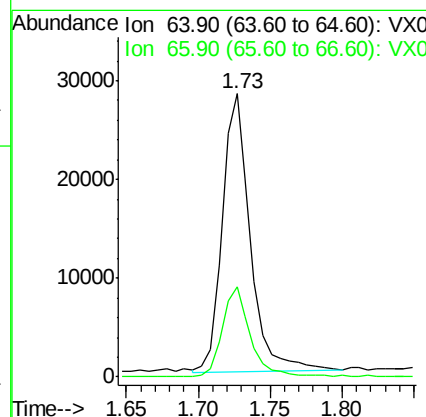
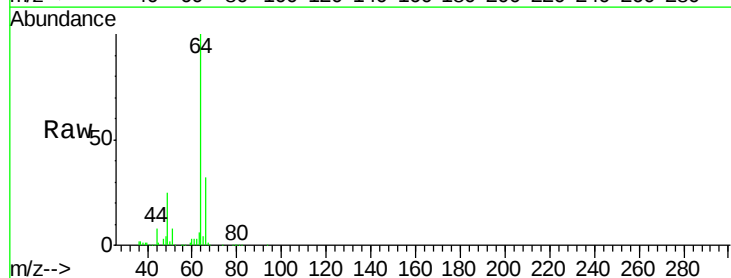
Acq: 01 Mar 2019 13:40

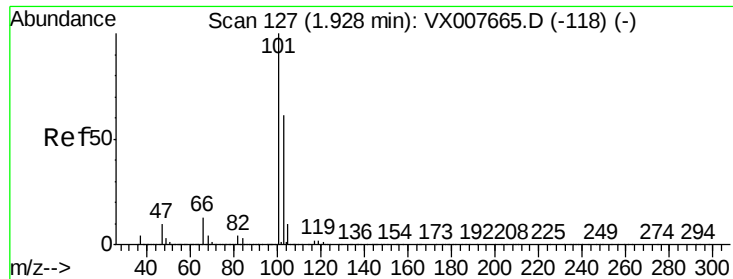
Tgt Ion: 64 Resp: 38346

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3





#7

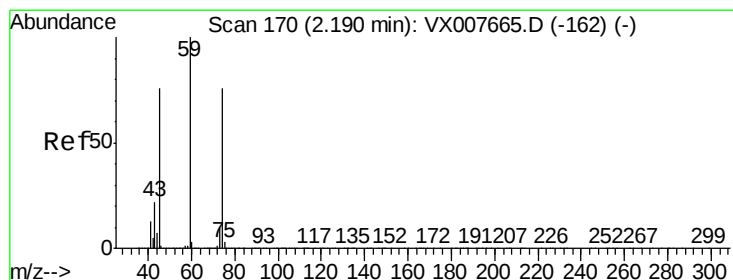
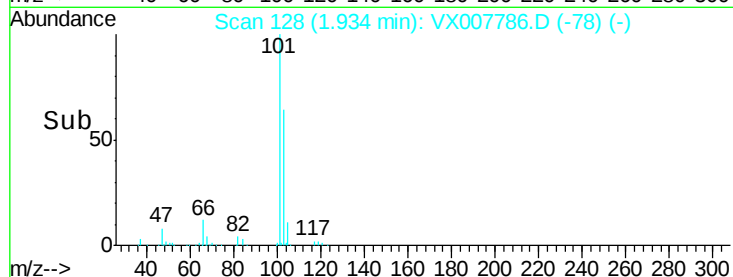
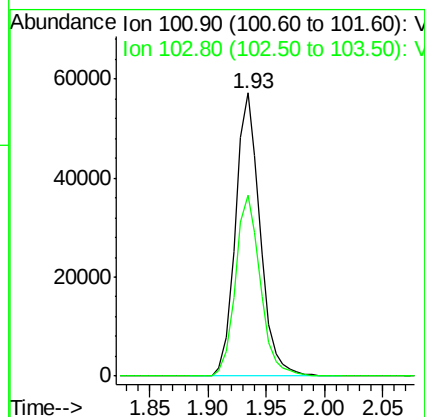
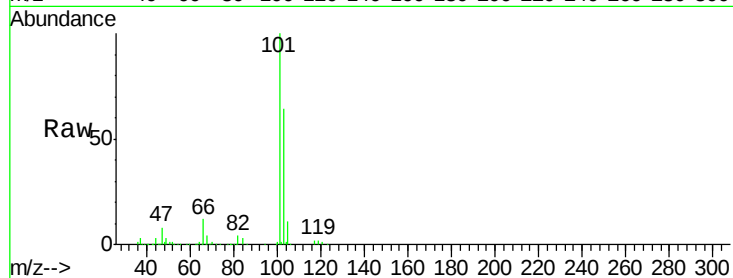
Trichlorofluoromethane
 Concen: 17.712 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Instrument :
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 ClientSampleId :
 VX0301MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.6	79.0

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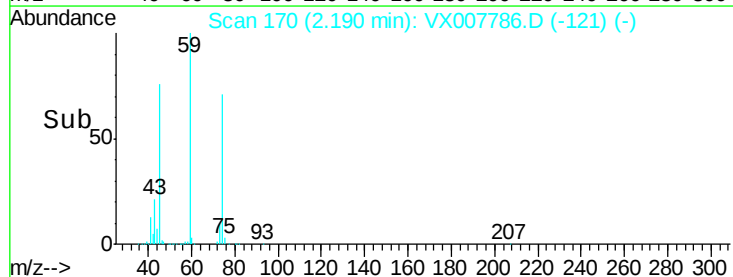
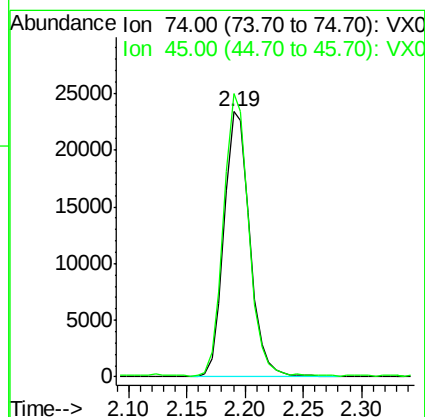
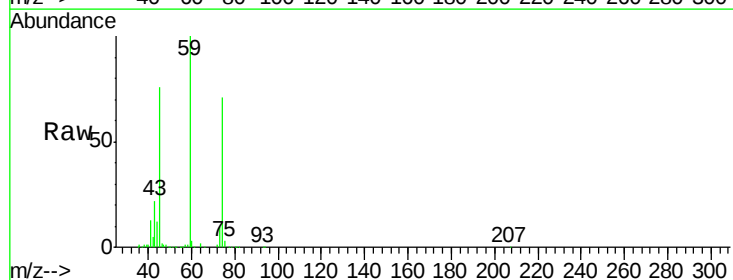
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 3/4/2019 1:36:06 PM



#8

Diethyl Ether
 Concen: 18.344 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.512 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

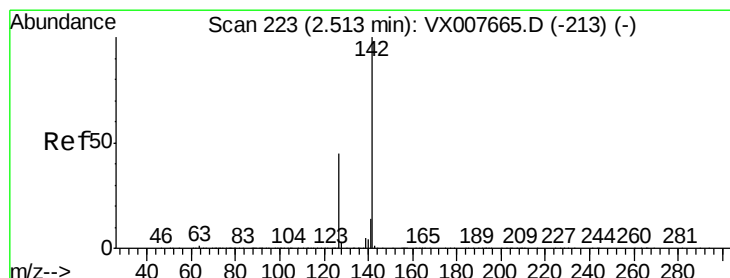
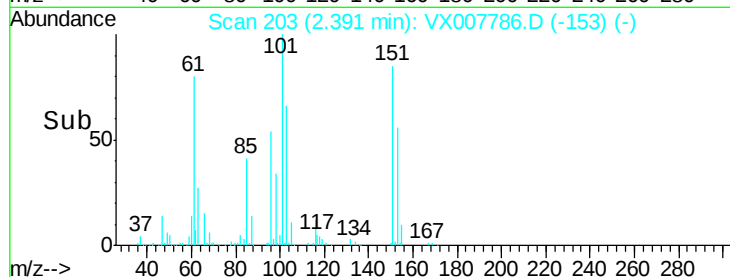
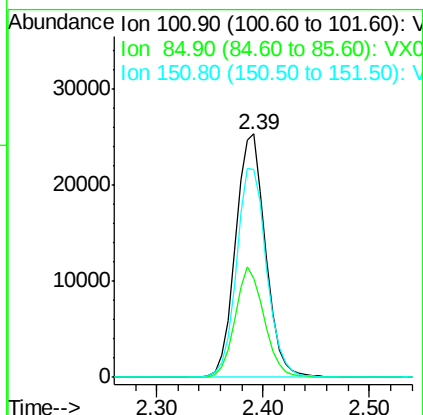
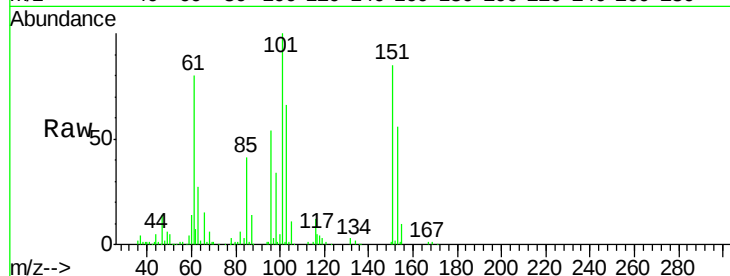
ClientSampleId :

VX0301MBS01

Tot Ion:	101	Resp:	50301
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.1	51.1
151	86.1	69.9	104.9

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#10

Methyl Iodide

Concen: 19.625 ug/l

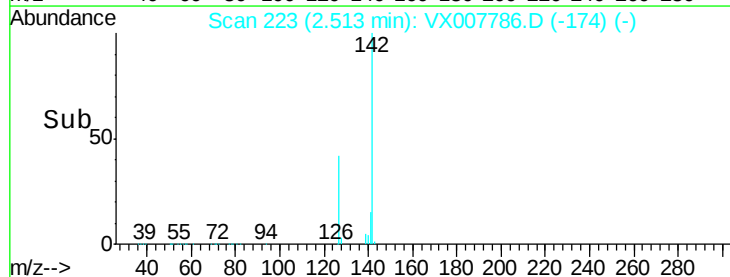
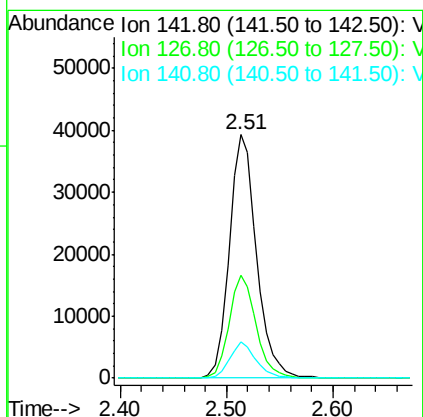
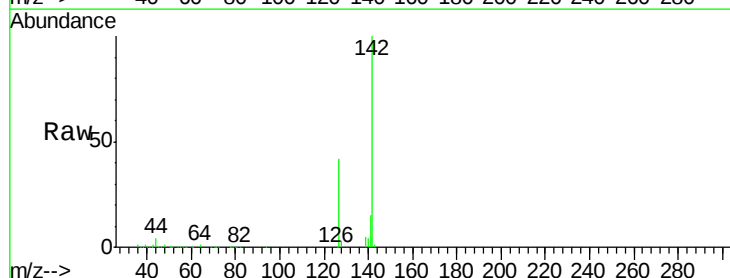
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	142	Resp:	70191
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.7	50.5
141	14.4	11.3	16.9





#11

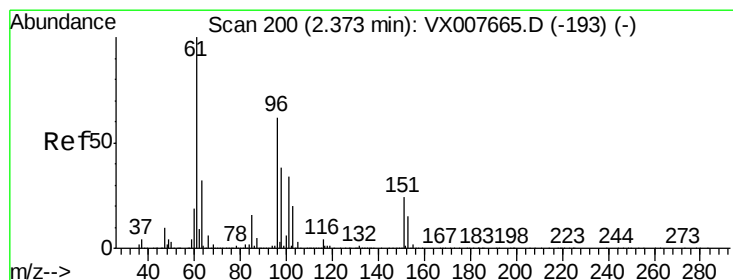
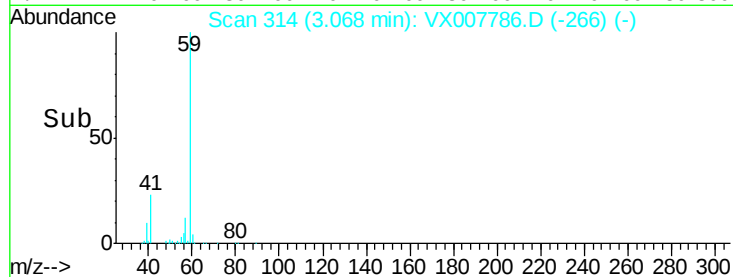
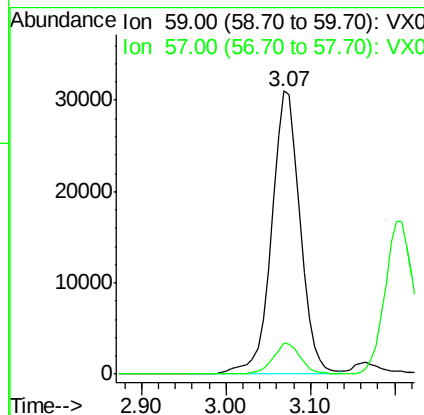
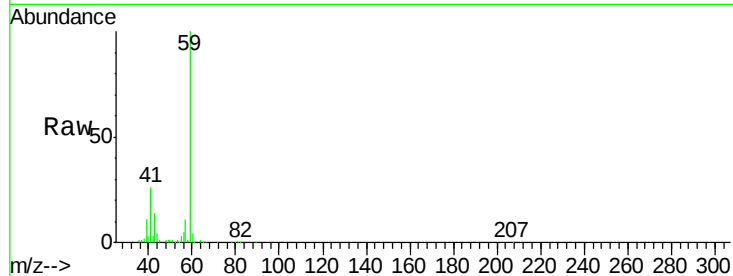
Tert butyl alcohol
 Concen: 104.760 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

Manual Integrations
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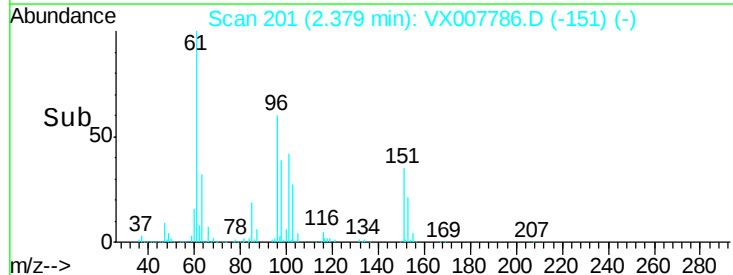
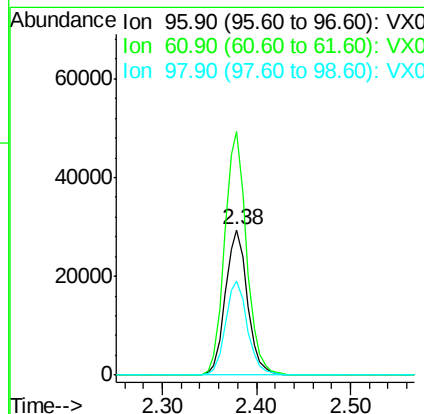
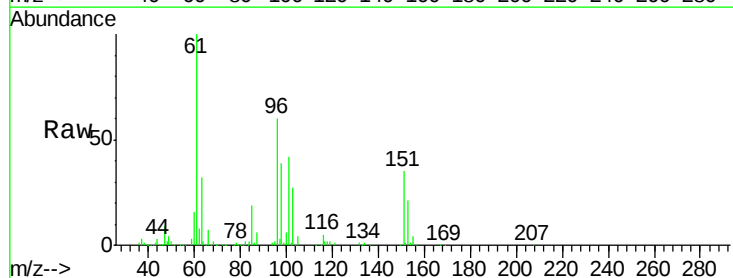
MMDadoda
 3/4/2019 1:36:06 PM

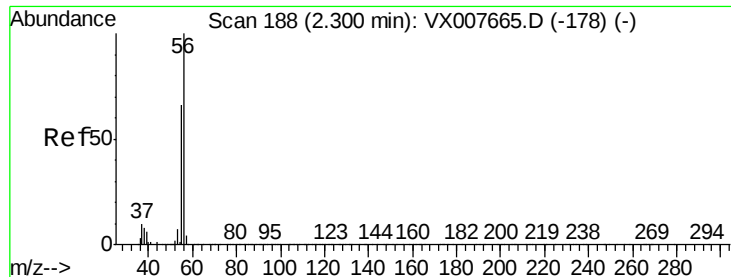


#12

1,1-Dichloroethene
 Concen: 18.483 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.2	123.0	184.4
98	64.5	50.9	76.3





#13

Acrolein

Concen: 133.956 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 56 Resp: 82806

Ion Ratio Lower Upper

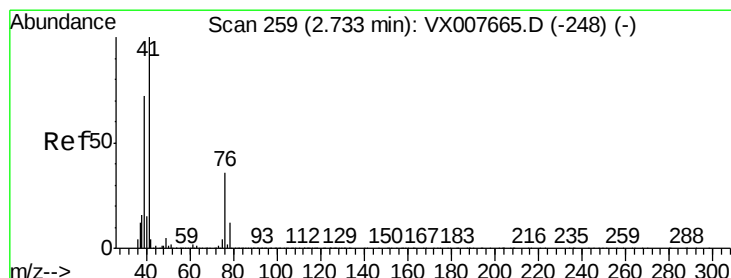
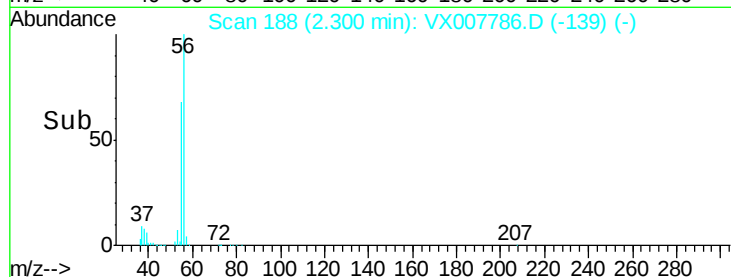
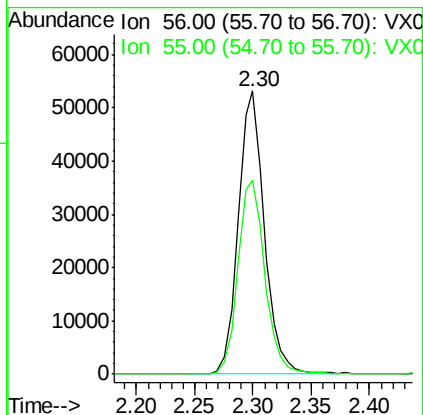
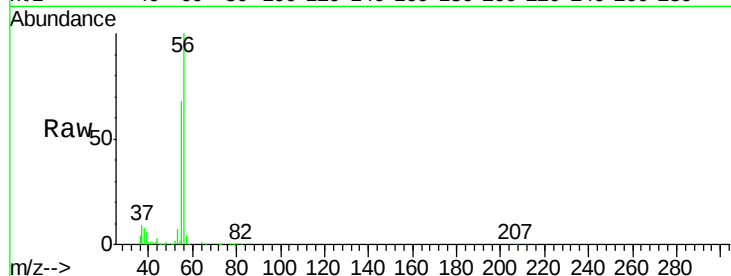
56 100

55 71.2 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 20.861 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

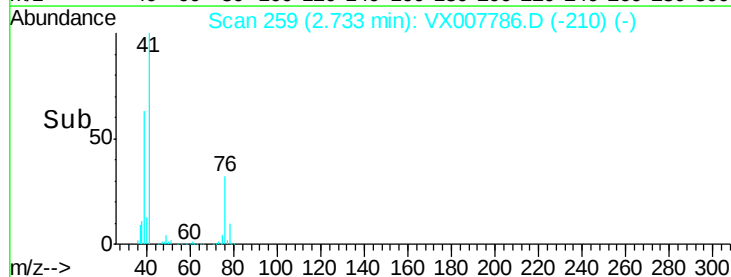
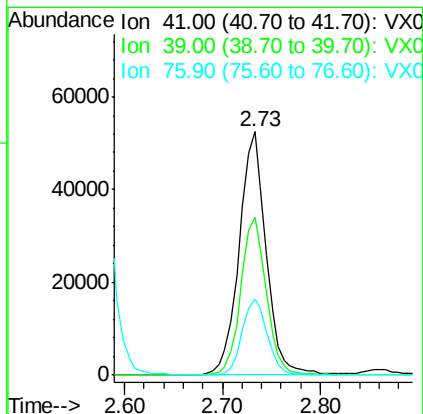
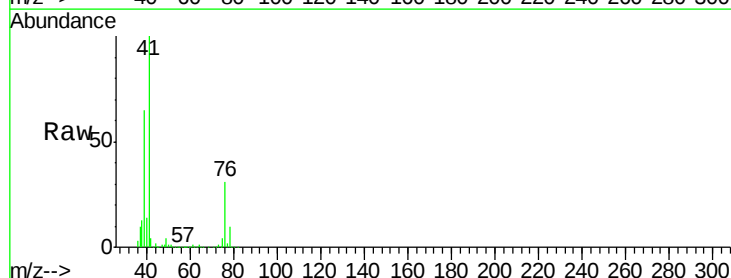
Tgt Ion: 41 Resp: 99869

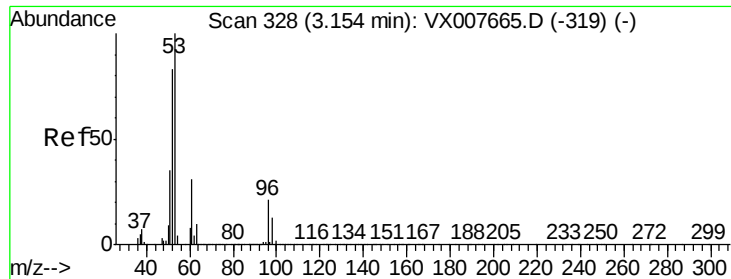
Ion Ratio Lower Upper

41 100

39 61.4 54.1 81.1

76 29.5 27.8 41.8





#15

Acrylonitrile

Concen: 104.453 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

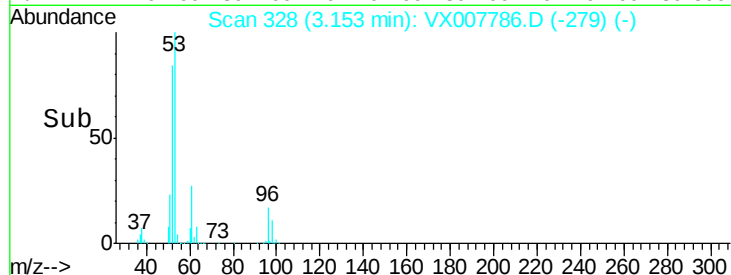
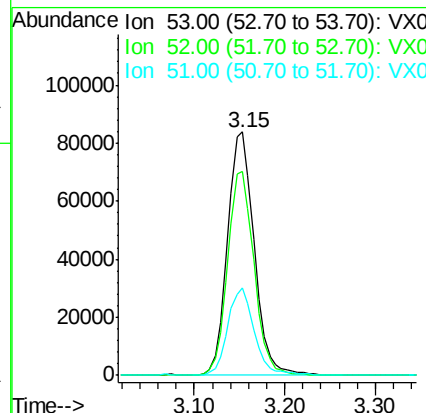
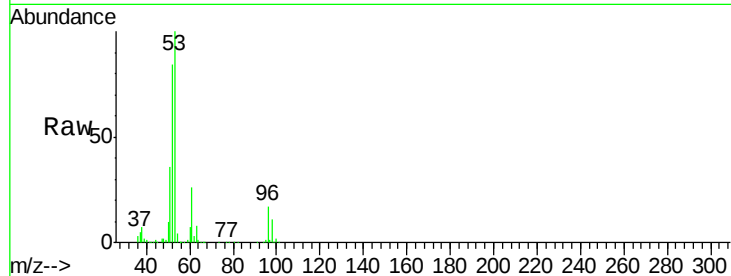
ClientSampleId :

VX0301MBS01

Tot Ion:	53	Resp:	170996
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.4	99.6
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 95.891 ug/l

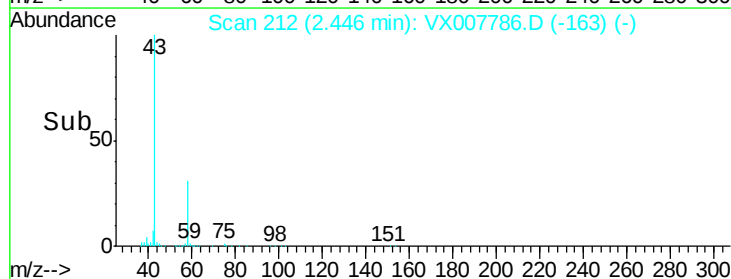
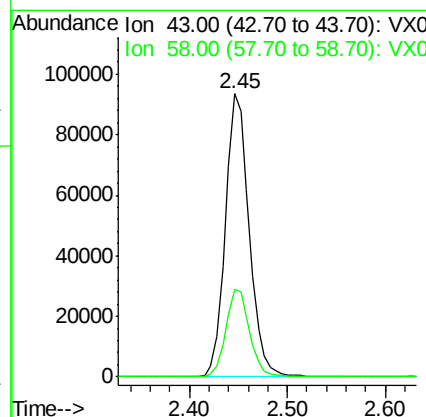
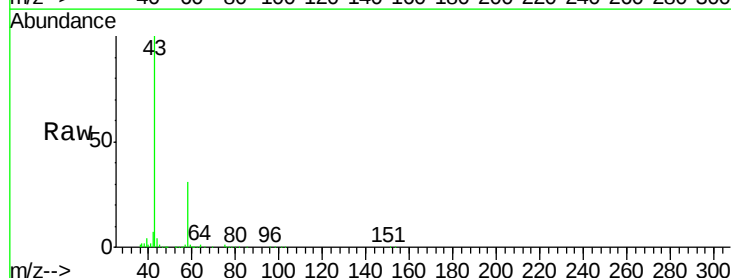
RT: 2.45 min Scan# 212

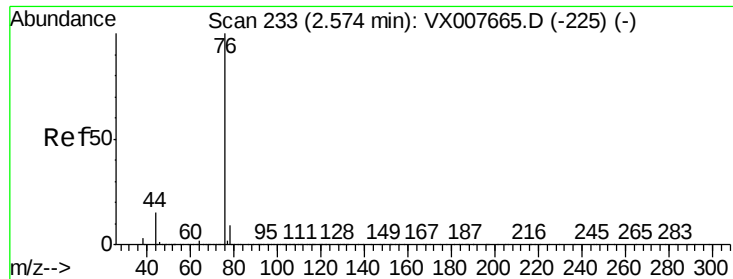
Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	43	Resp:	156345
Ion Ratio		Lower	Upper
43	100		
58	30.8	24.9	37.3





#17

Carbon Disulfide

Concen: 17.605 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 76 Resp: 126809

Ion Ratio Lower Upper

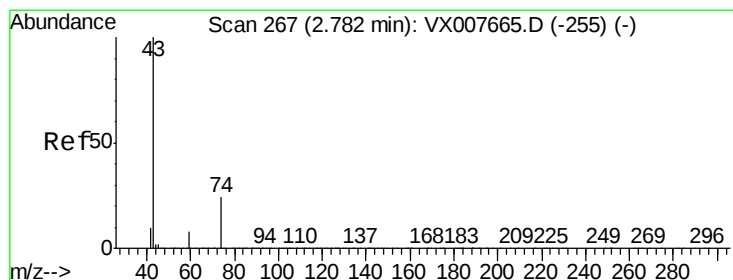
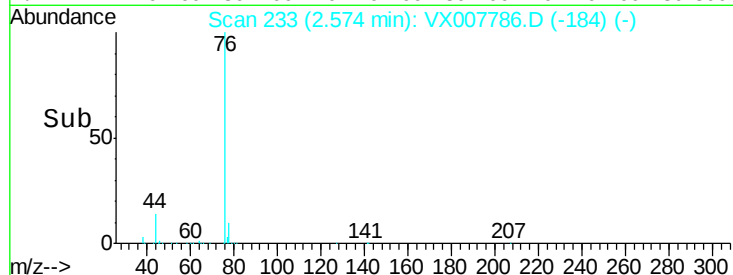
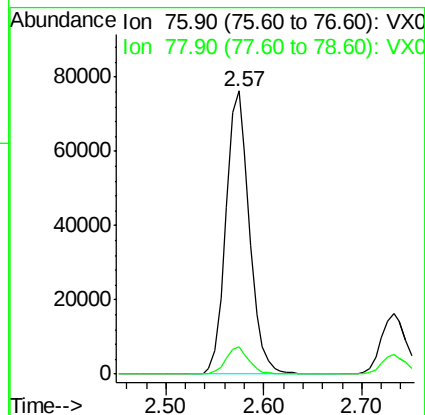
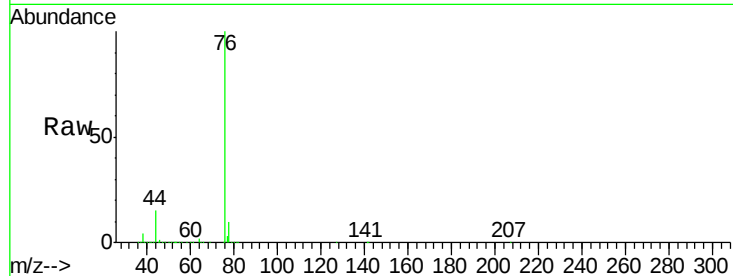
76 100

78 9.8 7.1 10.7

Manual Integrations
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#18

Methyl Acetate

Concen: 22.607 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007786.D

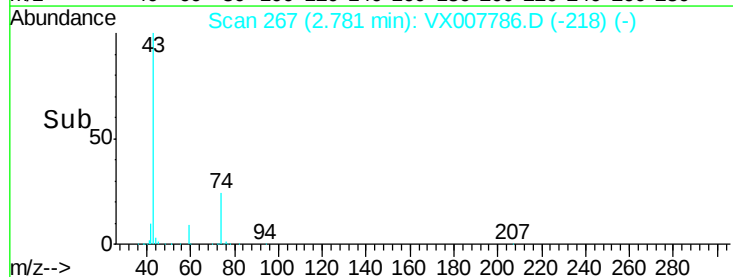
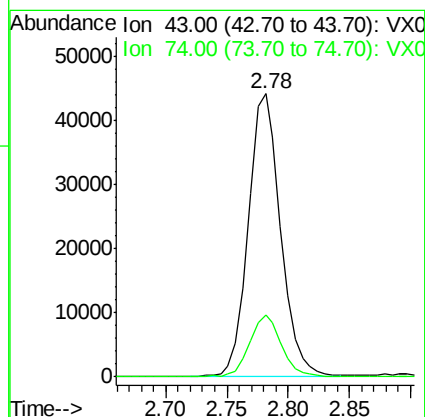
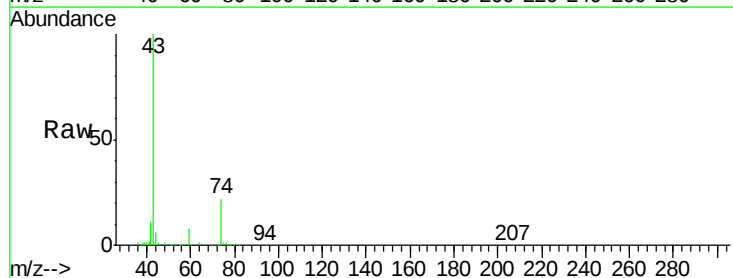
Acq: 01 Mar 2019 13:40

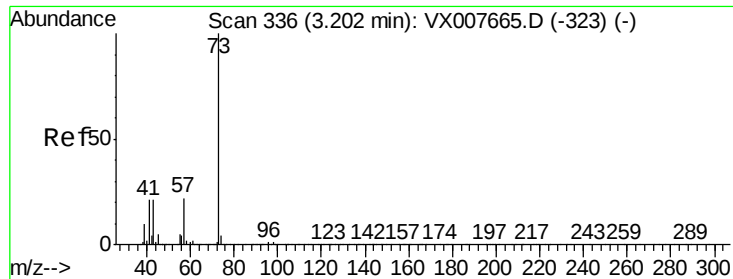
Tgt Ion: 43 Resp: 80430

Ion Ratio Lower Upper

43 100

74 22.4 19.4 29.2





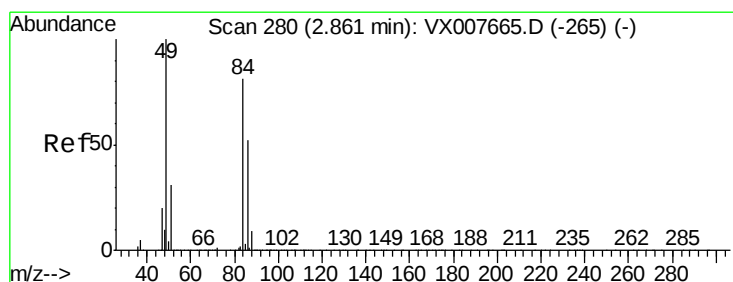
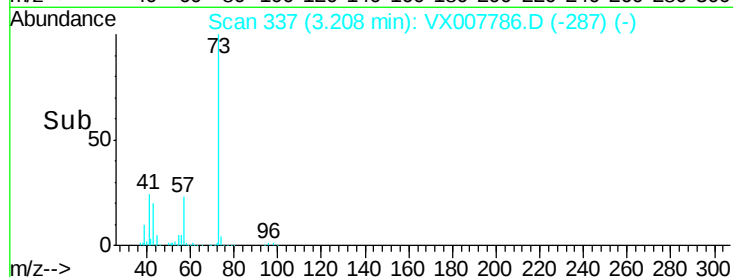
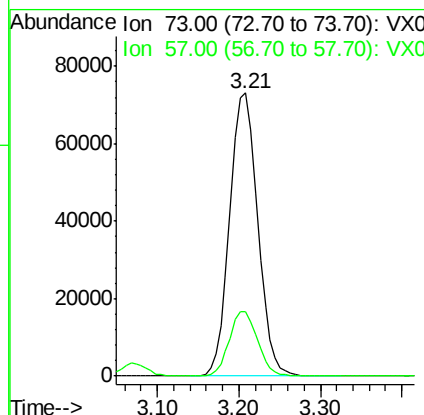
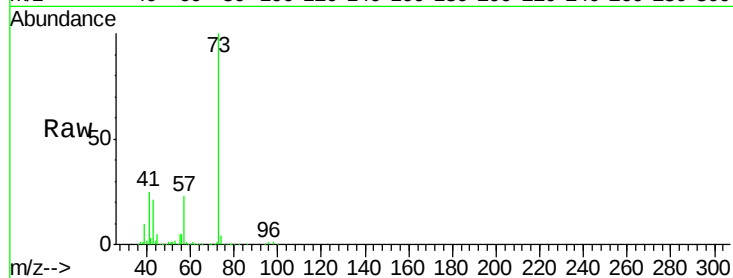
#19
Methvl tert-butvl Ether
Concen: 19.277 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion: 73 Resp: 173802
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8

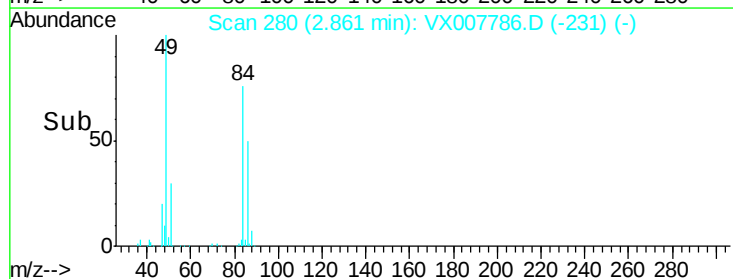
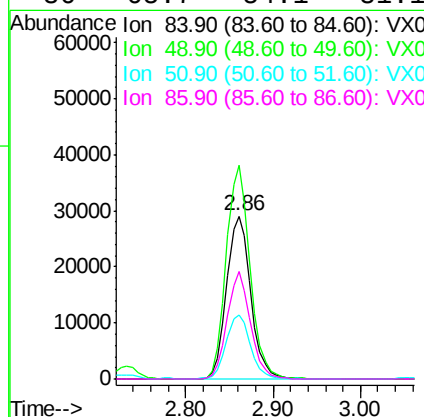
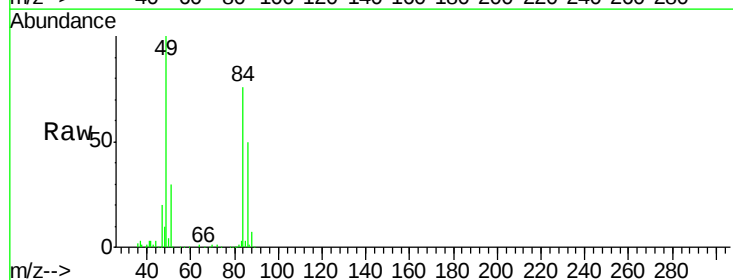
Manual Integrations
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3/4/2019 1:36:06 PM



#20
Methylene Chloride
Concen: 18.463 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion: 84 Resp: 55586
Ion Ratio Lower Upper
84 100
49 131.1 94.8 142.2
51 39.5 29.8 44.8
86 65.7 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.367 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

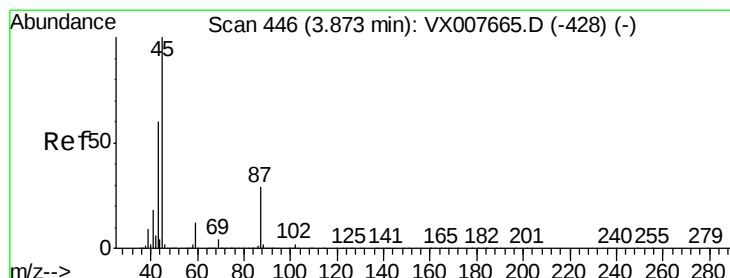
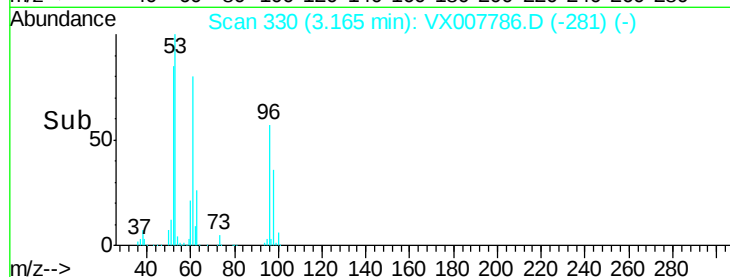
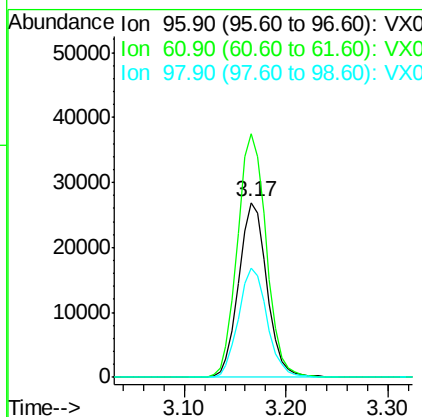
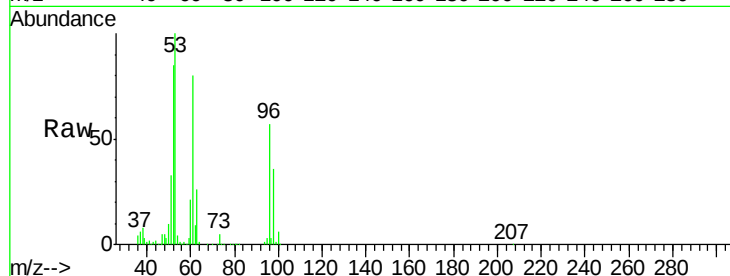
ClientSampleId :

VX0301MBS01

Tot Ion:	96	Resp:	51697
Ion Ratio	Lower	Upper	
96	100		
61	138.9	104.6	156.8
98	62.5	51.0	76.4

Manual Integrations
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3/4/2019 1:36:06 PM



#22

Diisopropyl ether

Concen: 20.216 ug/l

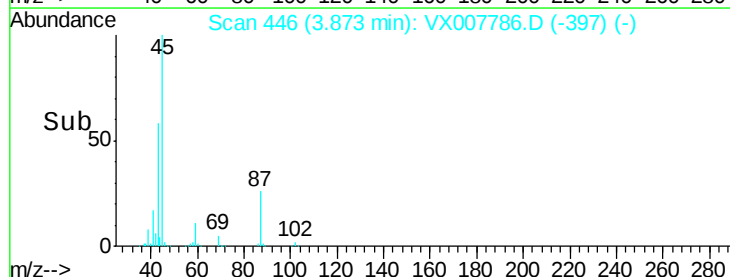
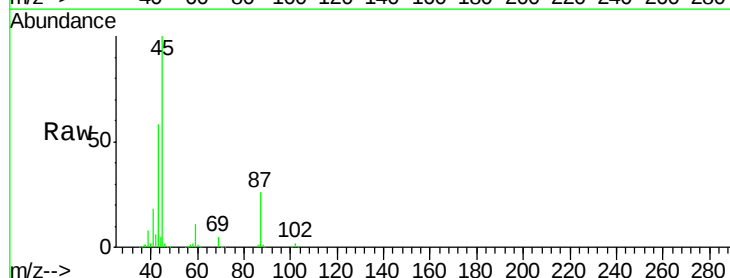
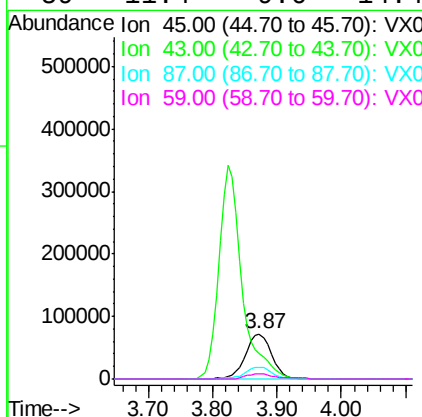
RT: 3.87 min Scan# 446

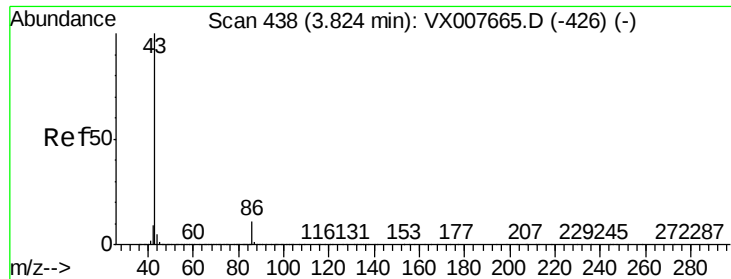
Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	45	Resp:	201466
Ion Ratio	Lower	Upper	
45	100		
43	57.9	48.9	73.3
87	26.3	23.9	35.9
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 98.855 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 43 Resp: 864340

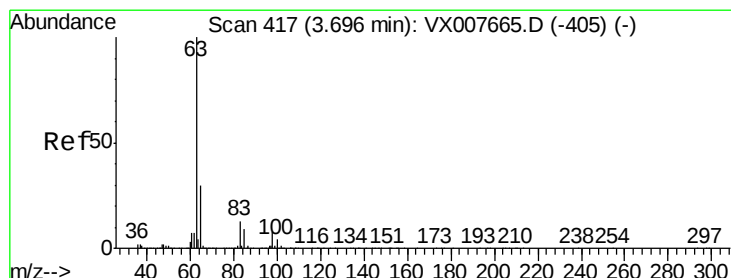
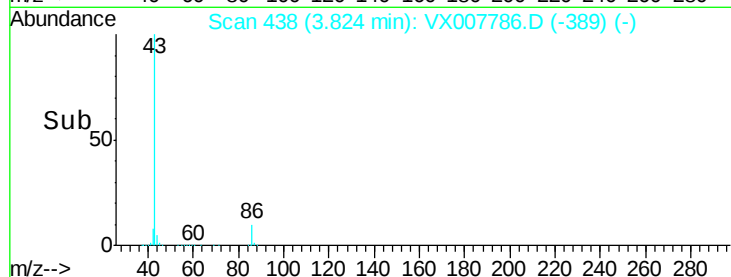
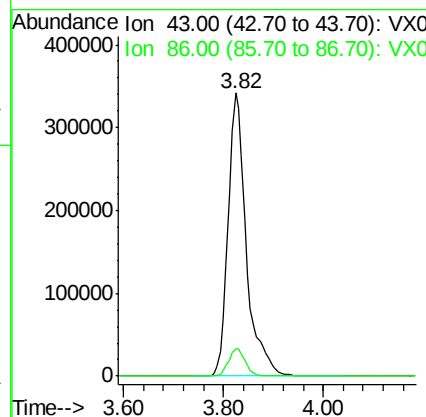
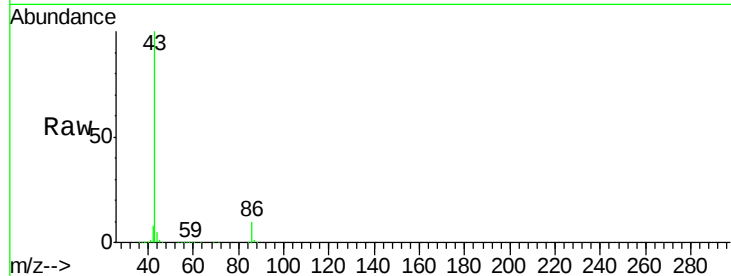
Ion Ratio Lower Upper

43 100

86 9.8 8.7 13.1

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.547 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

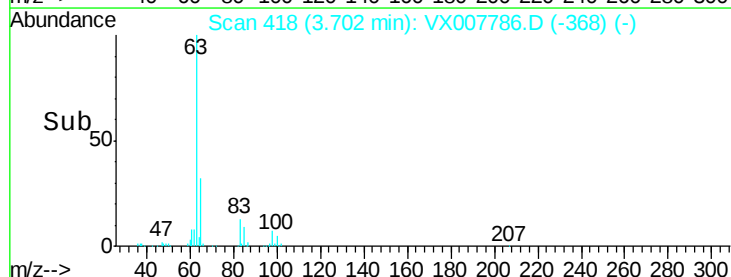
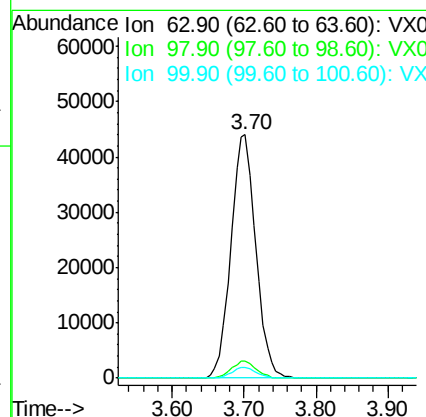
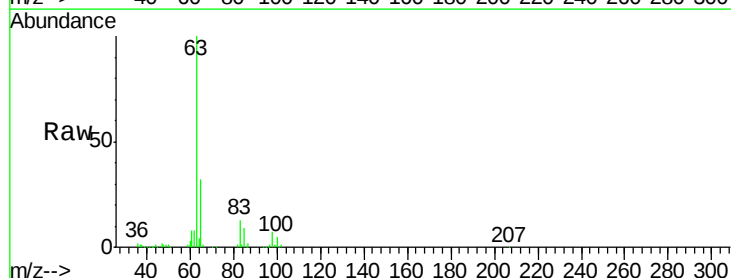
Tgt Ion: 63 Resp: 105869

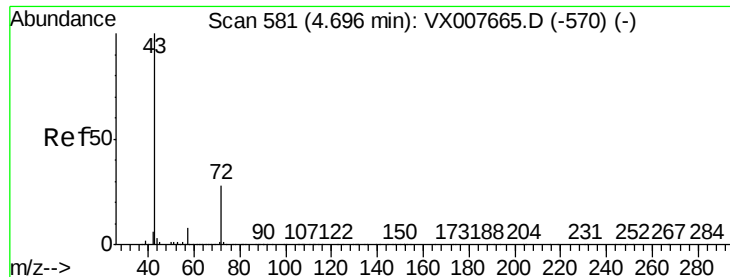
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 103.111 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 43 Resp: 256087

Ion Ratio Lower Upper

43 100

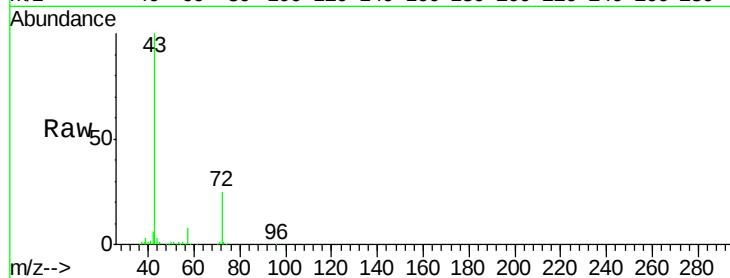
72 25.4 22.2 33.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

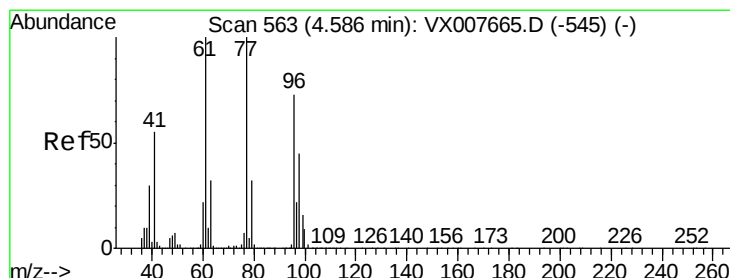
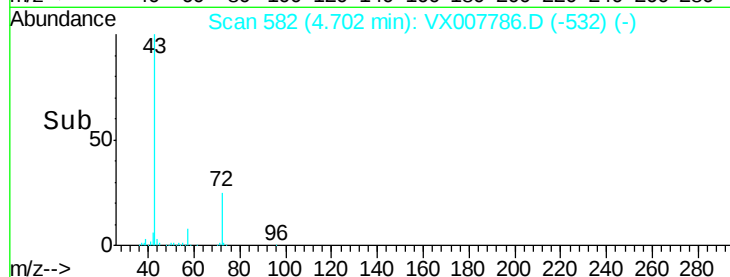
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.912 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007786.D

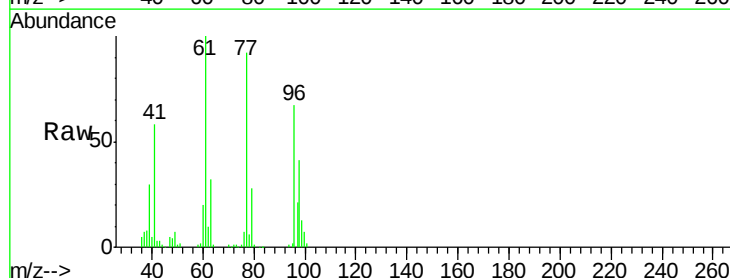
Acq: 01 Mar 2019 13:40

Tgt Ion: 77 Resp: 73119

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

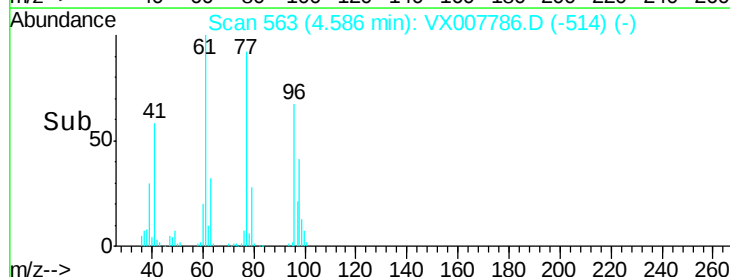
10000

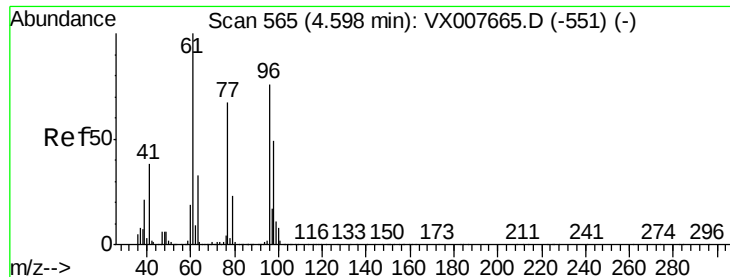
5000

0

4.50 4.60 4.70

Time-->





#27

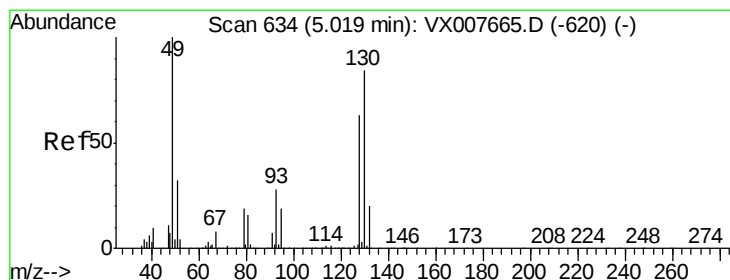
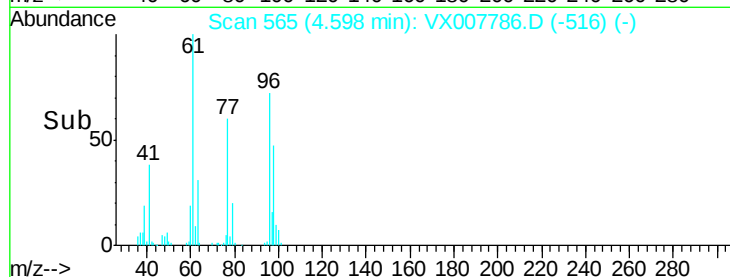
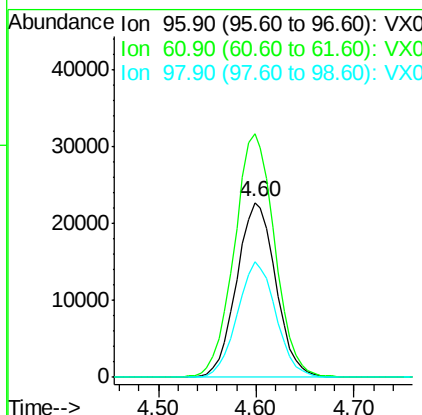
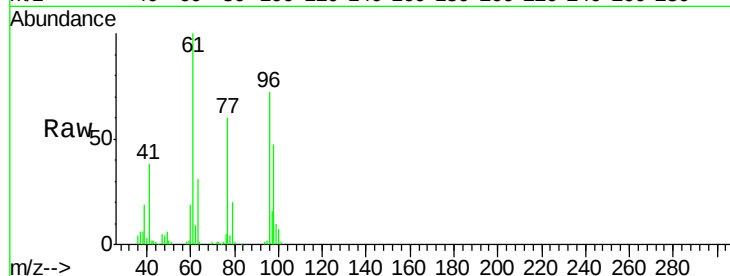
cis-1,2-Dichloroethene
Concen: 17.695 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	265.6
98	65.3	0.0	131.6

Manual Integrations
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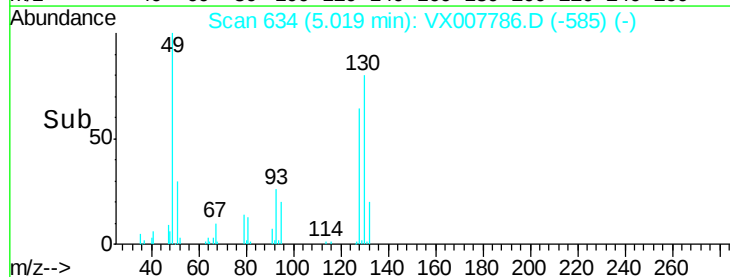
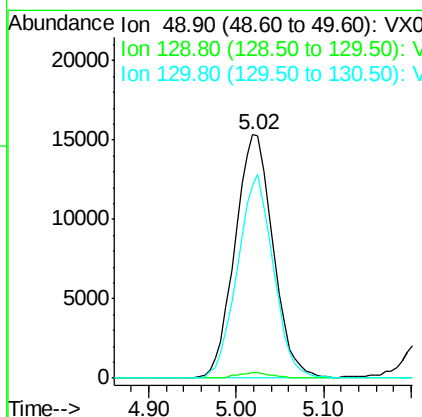
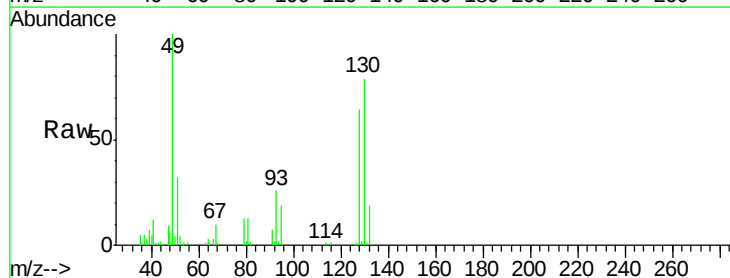
MMDadoda
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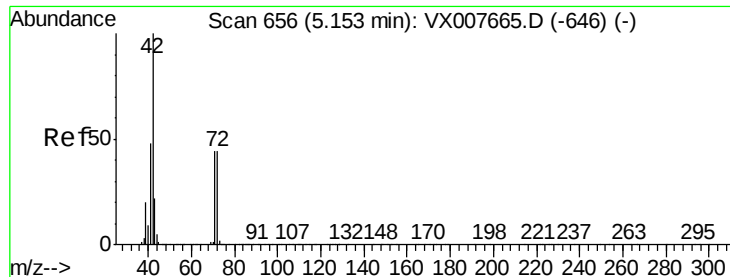


#28

Bromochloromethane
Concen: 17.643 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.6
130	78.6	75.6	113.4





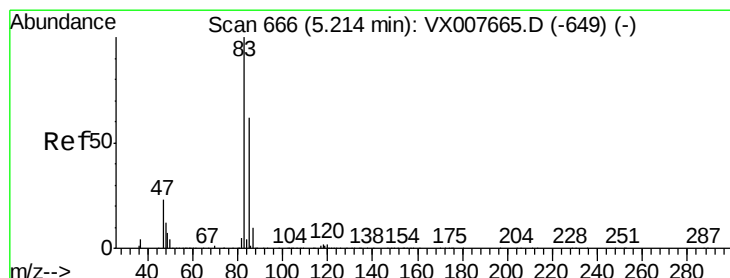
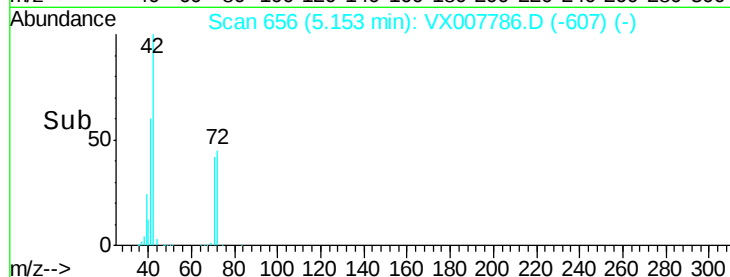
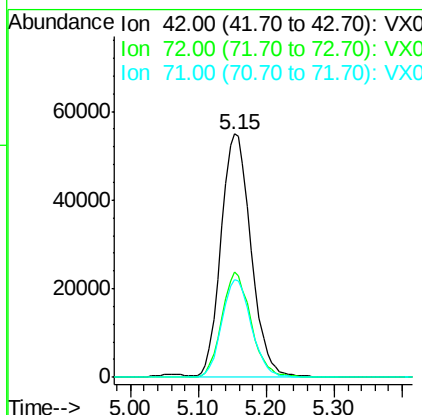
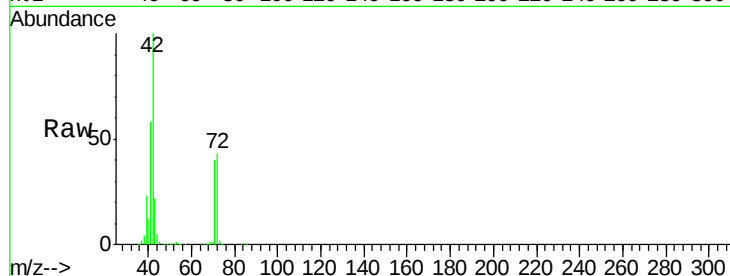
#29
Tetrahydrofuran
Concen: 102.019 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	37.6	56.4
71	39.7	34.6	51.8

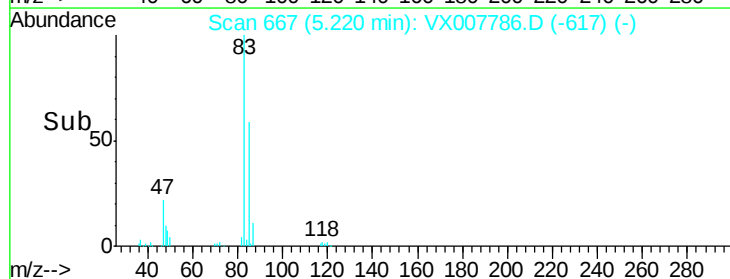
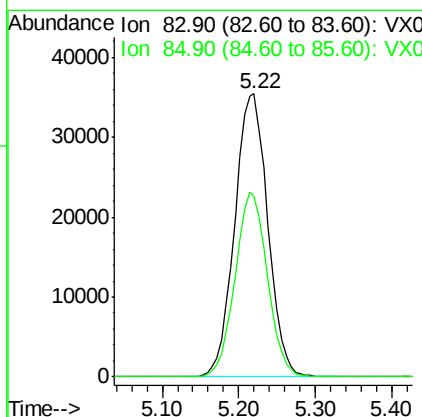
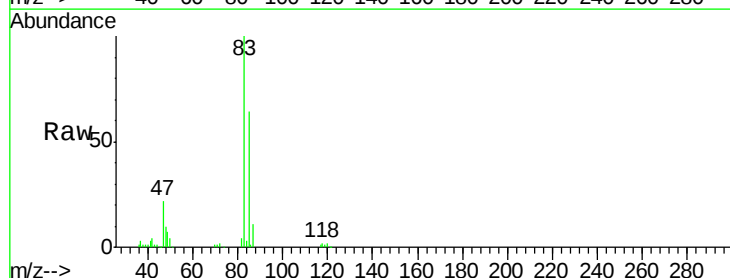
Manual Integrations
APPROVED

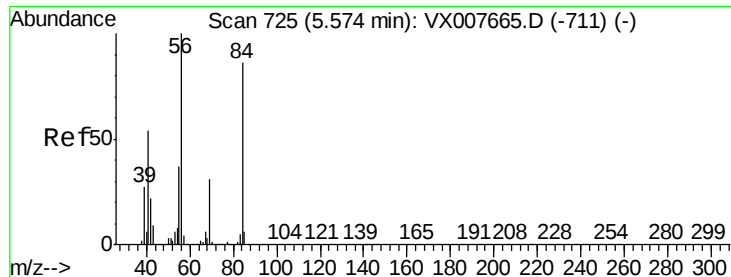
MMDadoda
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#30
Chloroform
Concen: 18.303 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4





#31

Cyclohexane

Concen: 18.574 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

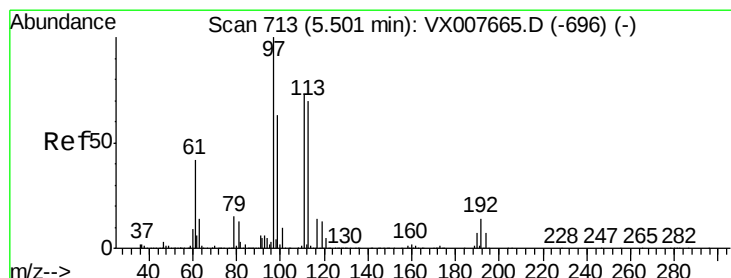
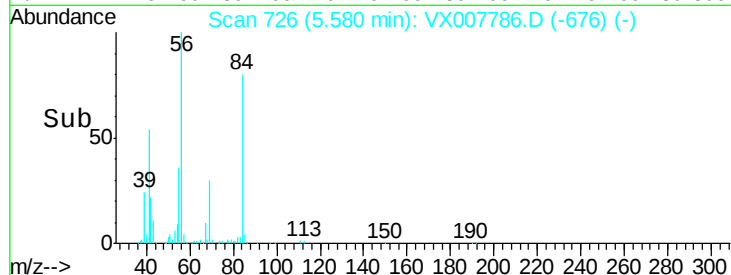
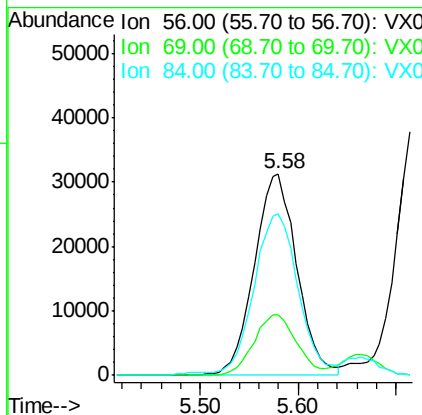
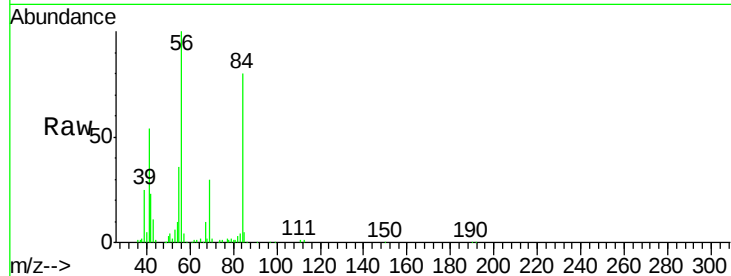
ClientSampleId :

VX0301MBS01

Tot Ion:	56	Resp:	94631
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.0	34.6
84	79.0	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.411 ug/l

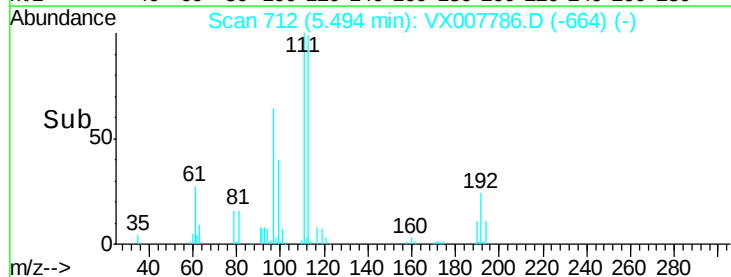
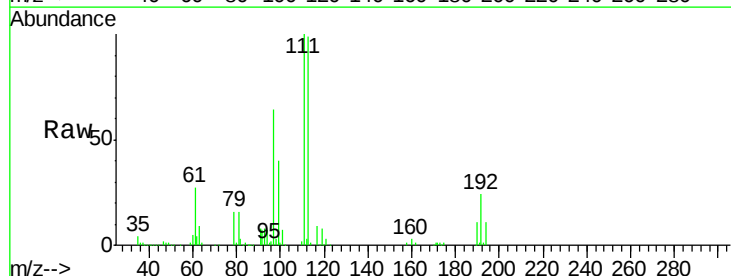
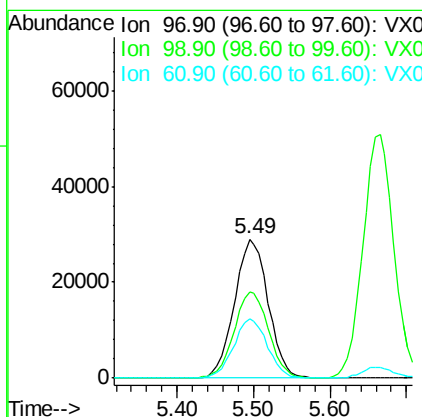
RT: 5.49 min Scan# 712

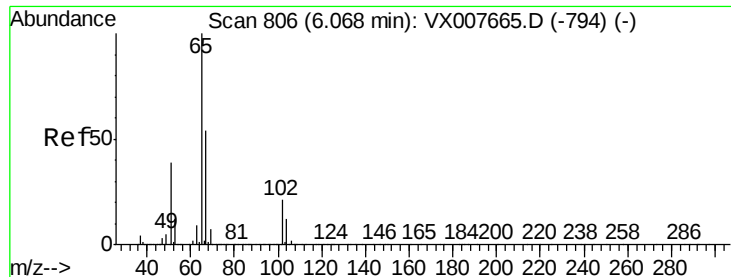
Delta R.T. -0.01 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	97	Resp:	88340
Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.2	78.2
61	42.9	32.7	49.1





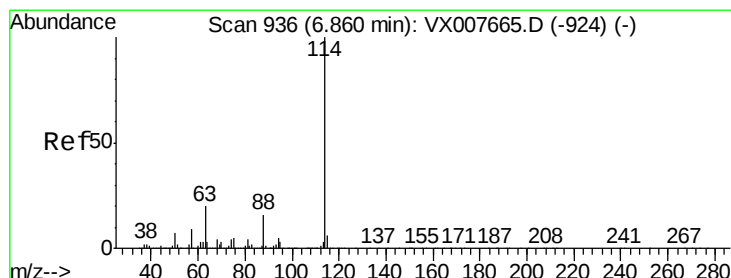
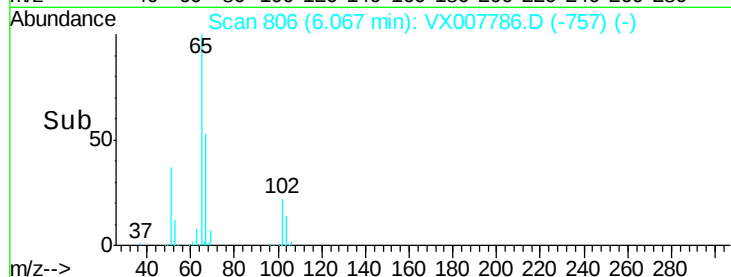
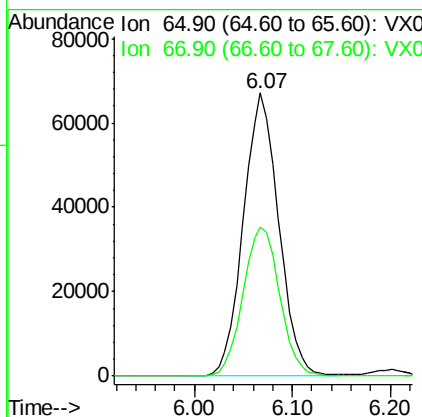
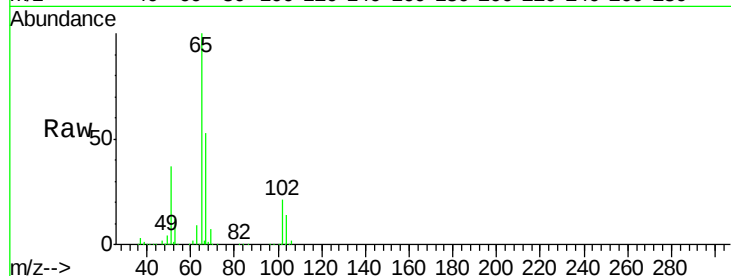
#33
 1,2-Dichloroethane-d4
 Concen: 46.066 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168895		
67	54.7	0.0	108.8	

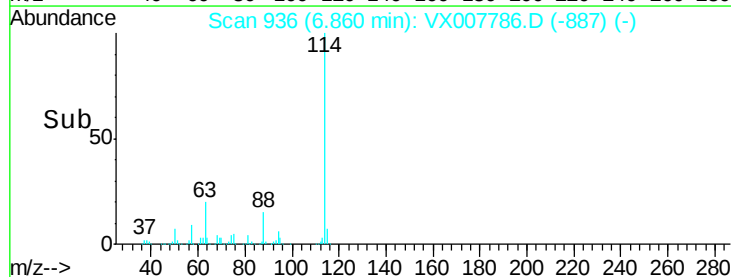
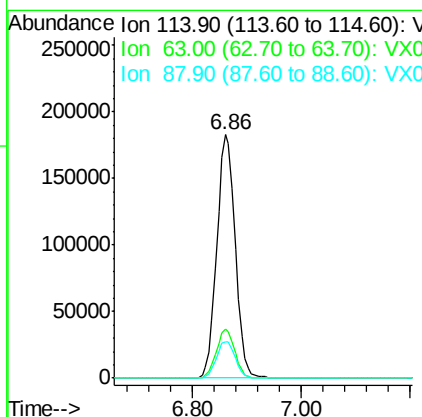
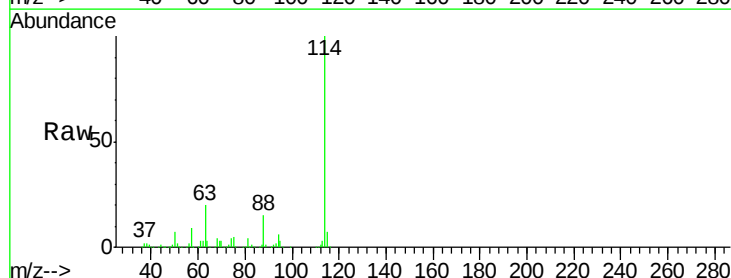
Manual Integrations
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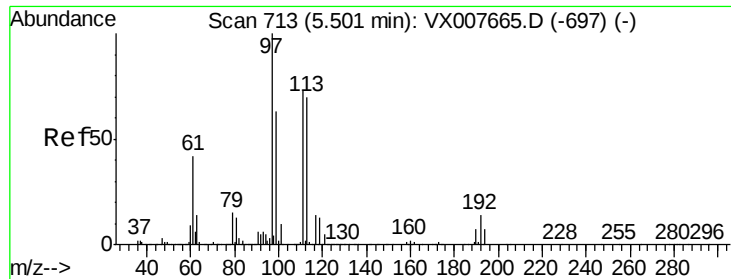
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	430410		
63	20.1	0.0	35.6	
88	15.1	0.0	29.6	





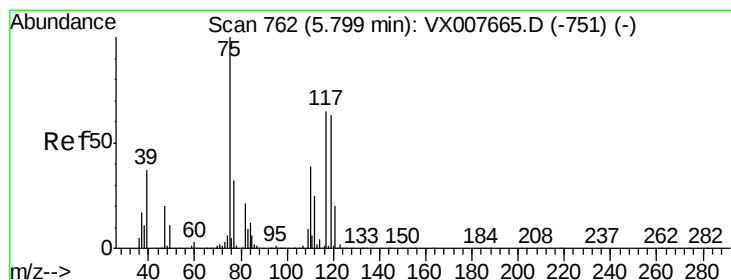
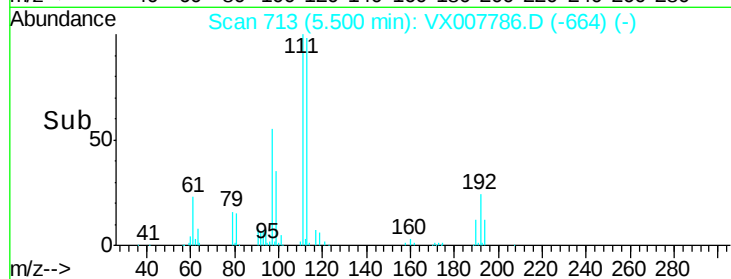
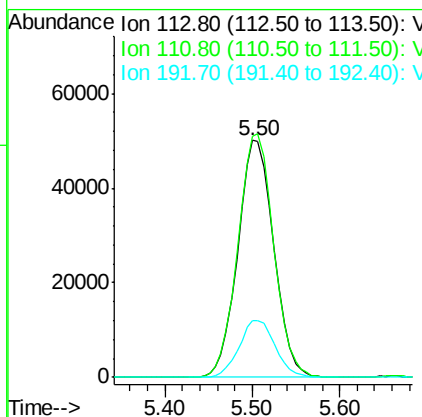
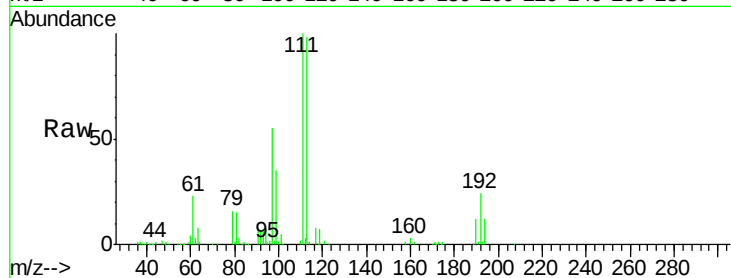
#35
 Dibromofluoromethane
 Concen: 49.761 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	24.2	18.5	27.7

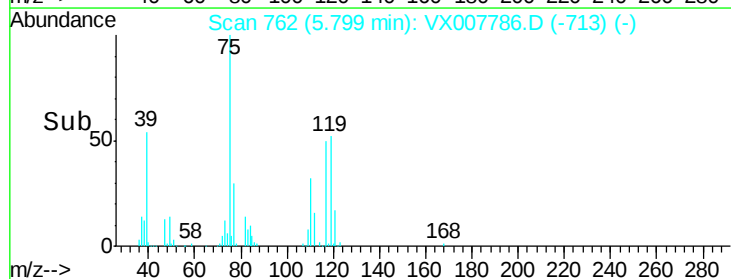
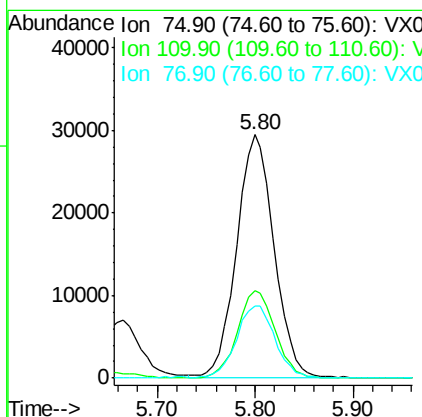
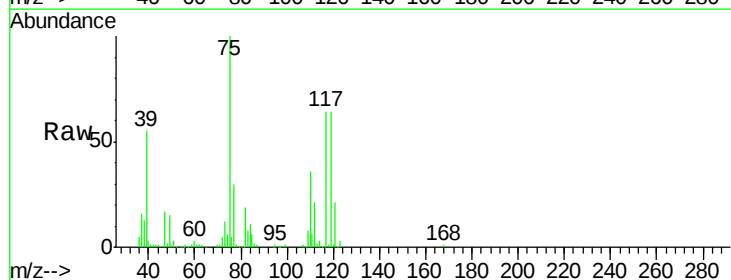
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 20.162 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	20.0	59.9
77	30.8	24.7	37.1





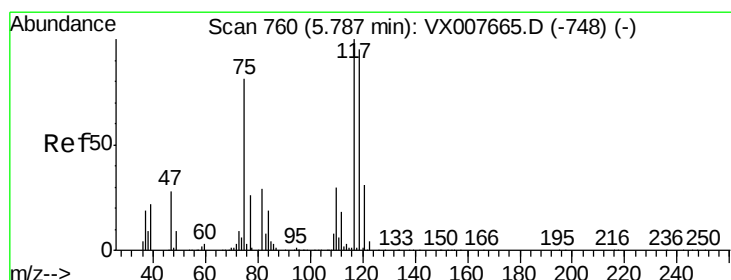
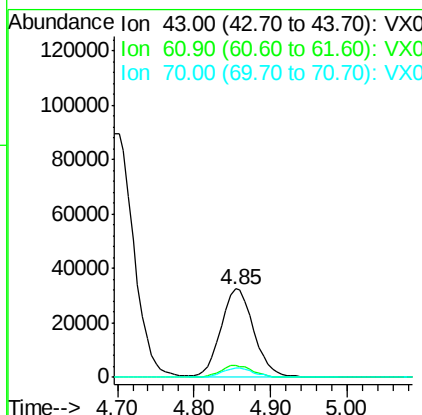
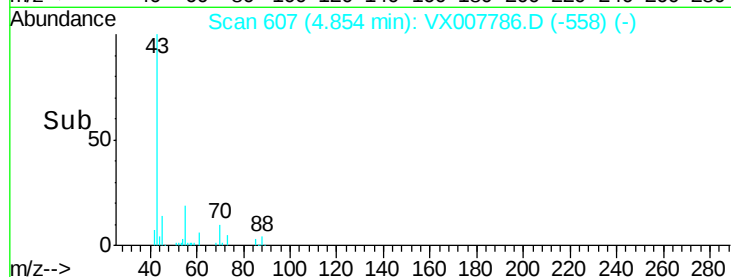
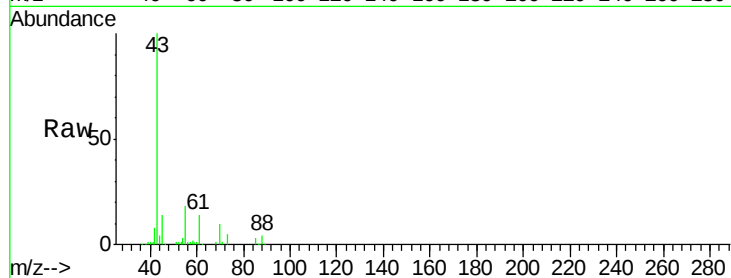
#37
Ethyl Acetate
Concen: 22.360 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion:	43	Resp:	96115
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.4	8.6	13.0

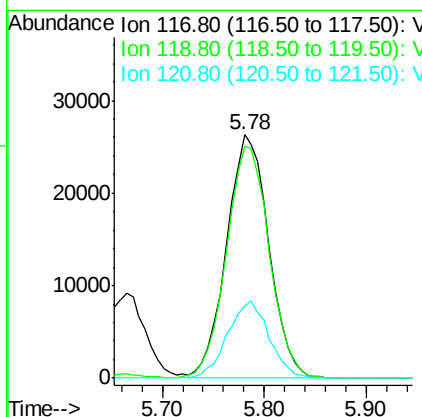
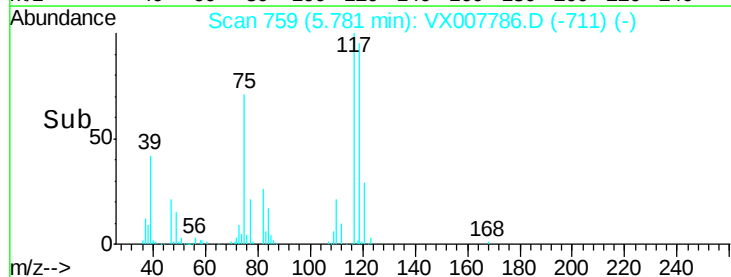
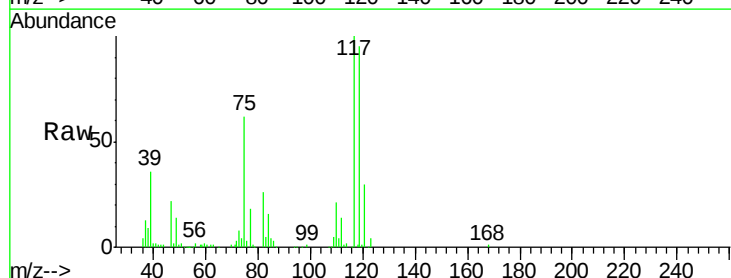
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 19.410 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion:	117	Resp:	75447
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.3	112.9
121	29.7	25.0	37.4





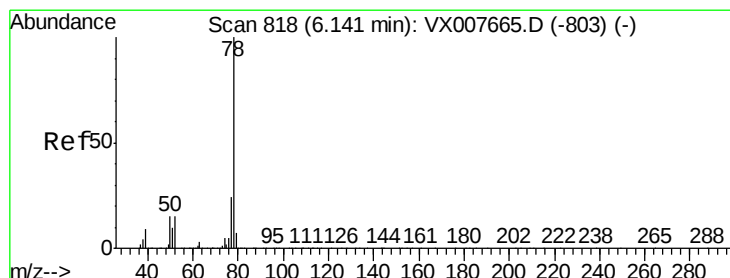
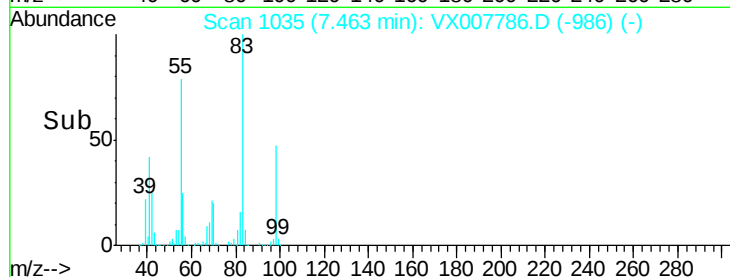
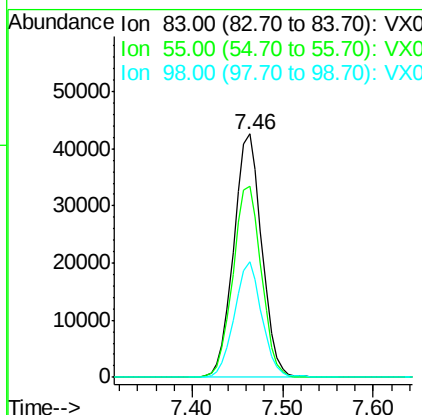
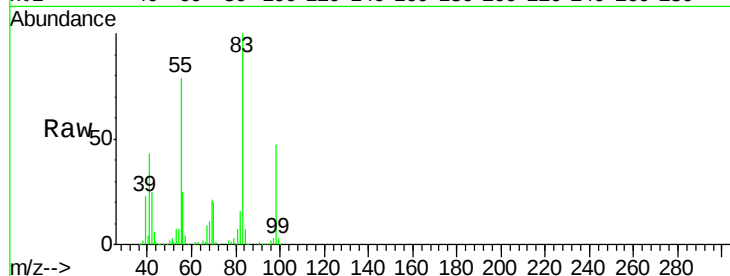
#39
Methvlcvclohexane
Concen: 18.767 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	56.2	84.2
98	47.4	36.8	55.2

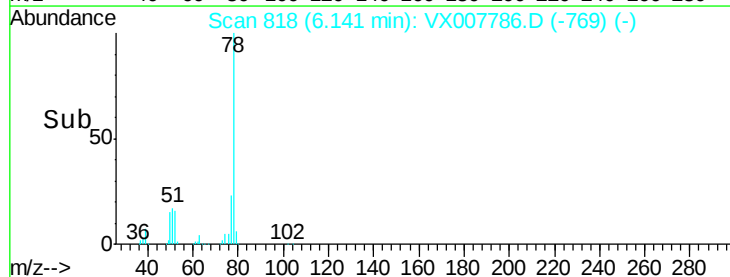
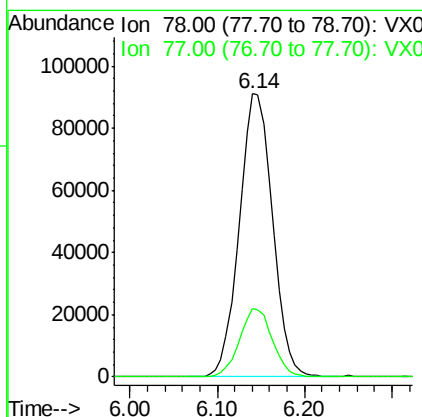
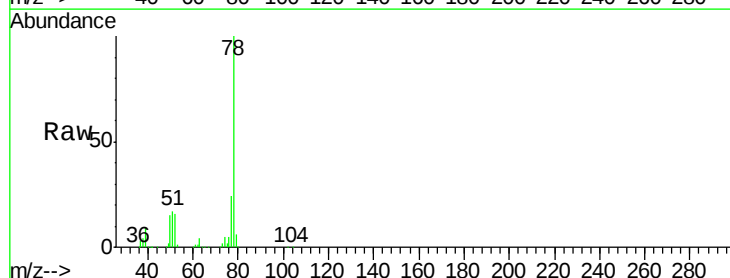
Manual Integrations
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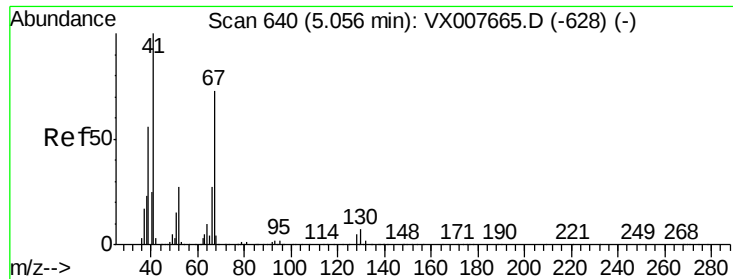
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#40
Benzene
Concen: 20.215 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





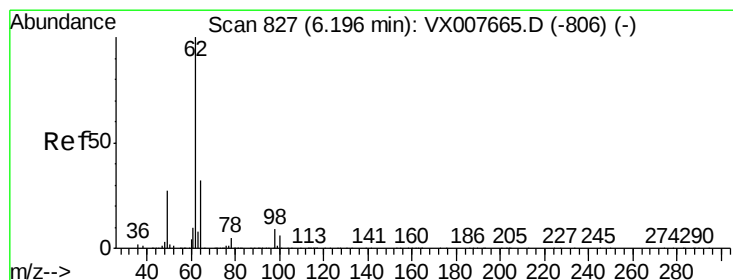
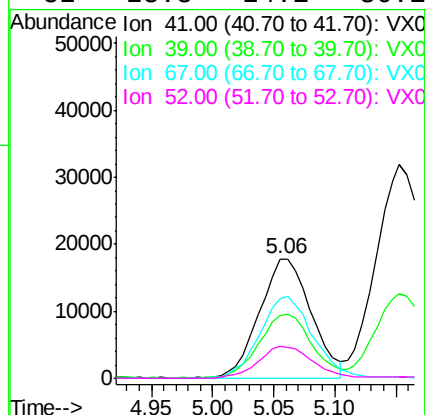
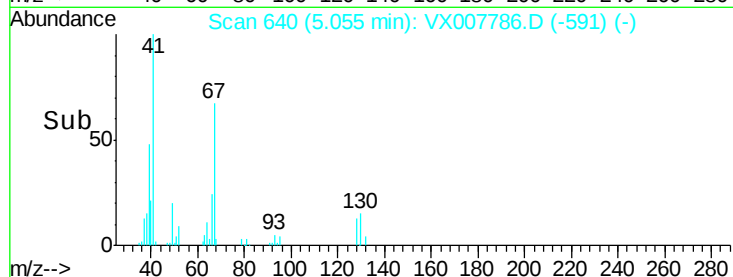
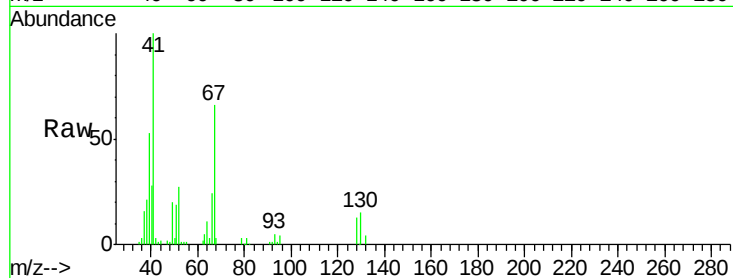
#41
Methacrylonitrile
Concen: 22.934 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	44.5	66.7	
67	70.1	60.4	90.6	
52	28.3	24.1	36.1	

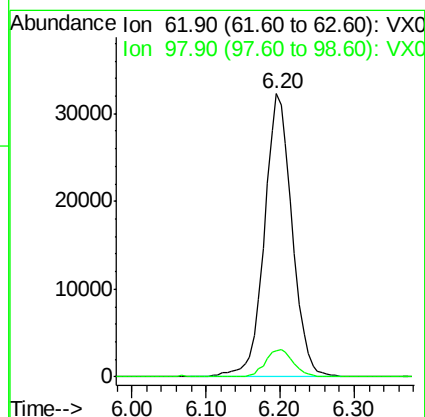
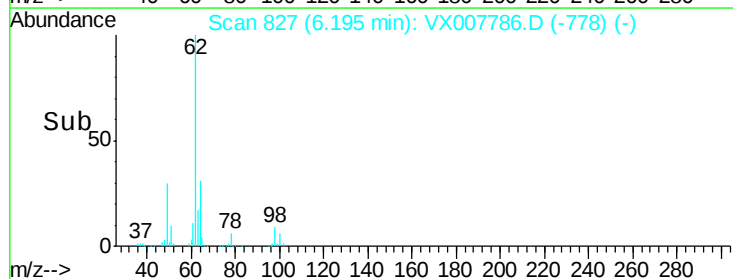
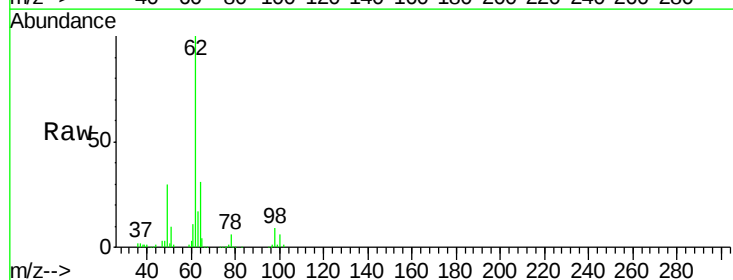
Manual Integrations
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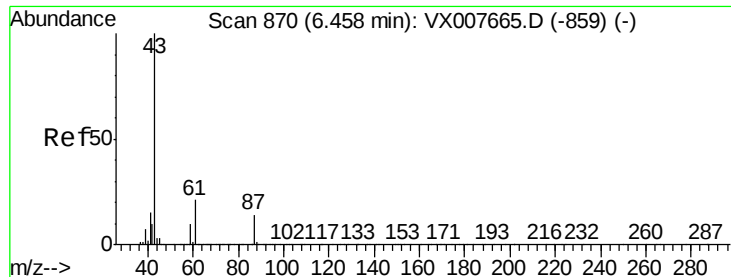
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#42
1,2-Dichloroethane
Concen: 20.823 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.0	





#43

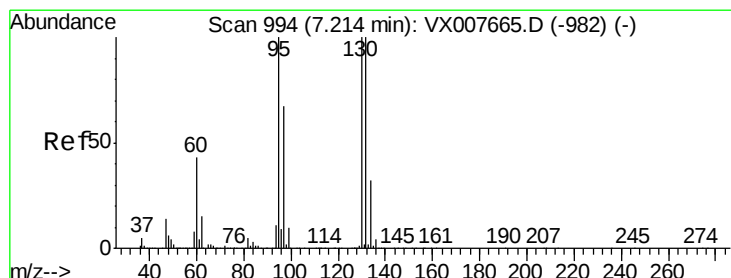
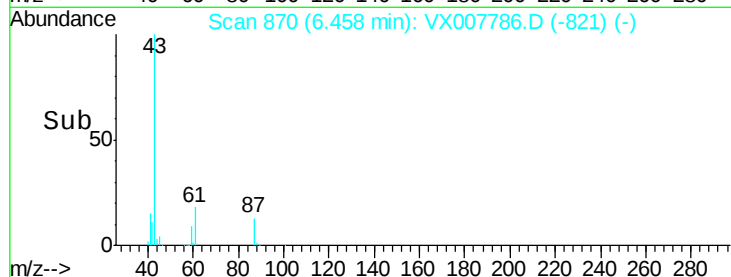
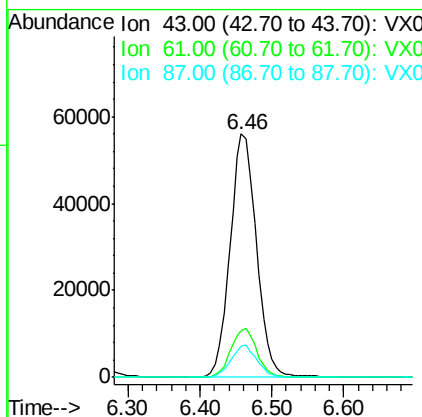
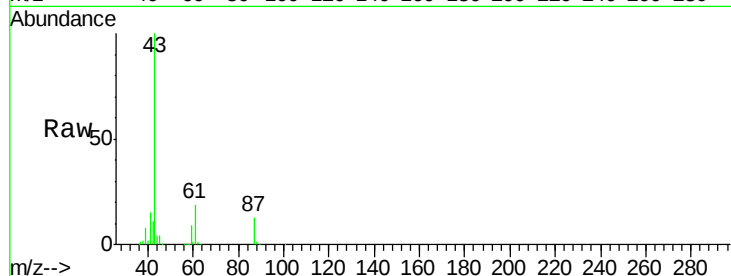
Isopropyl Acetate
 Concen: 21.516 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBS01

Tot Ion:	43	Resp:	142341
Ion Ratio		Lower	Upper
43	100		
61	20.0	16.1	24.1
87	12.9	11.5	17.3

Manual Integrations
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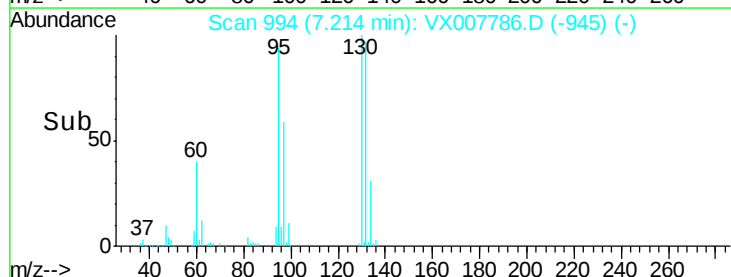
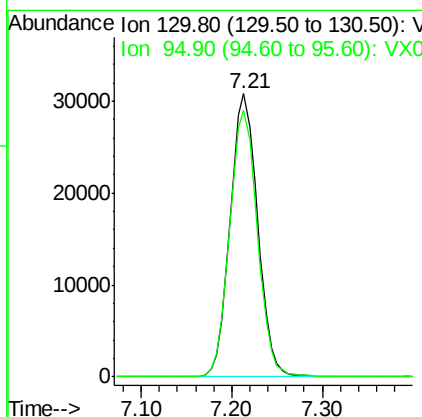
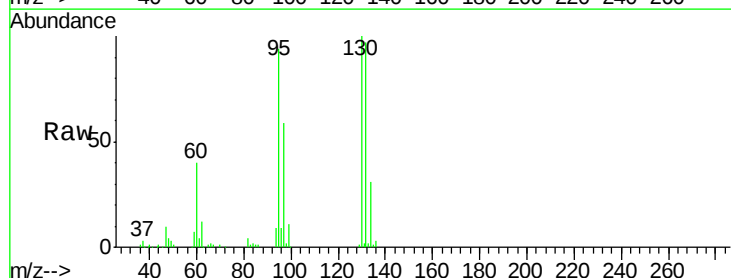
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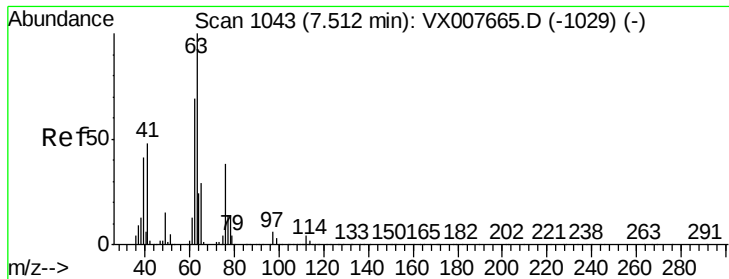


#44

Trichloroethene
 Concen: 19.846 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Tgt Ion:	130	Resp:	65212
Ion Ratio		Lower	Upper
130	100		
95	94.3	0.0	180.0





#45

1,2-Dichloropropane

Concen: 20.922 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 63 Resp: 64738

Ion Ratio Lower Upper

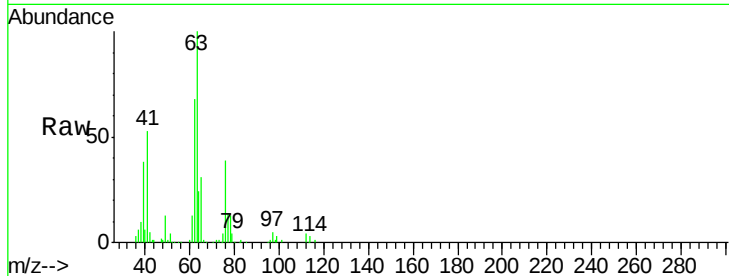
63 100

65 31.3 24.2 36.2

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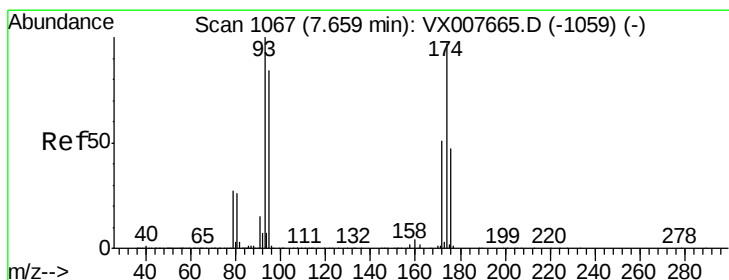
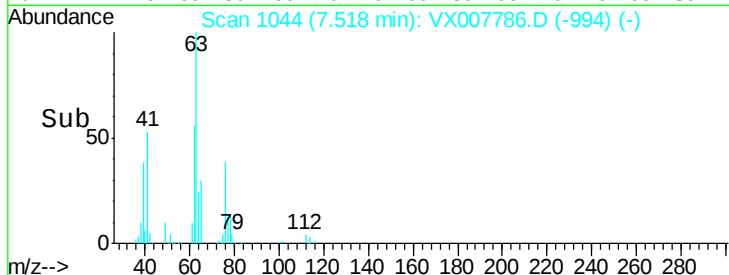
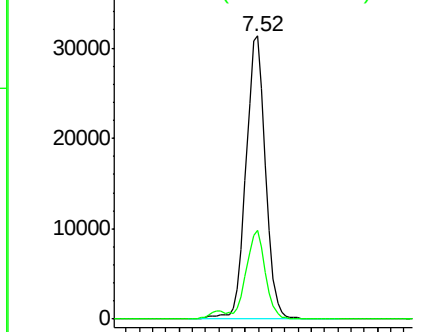
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.717 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

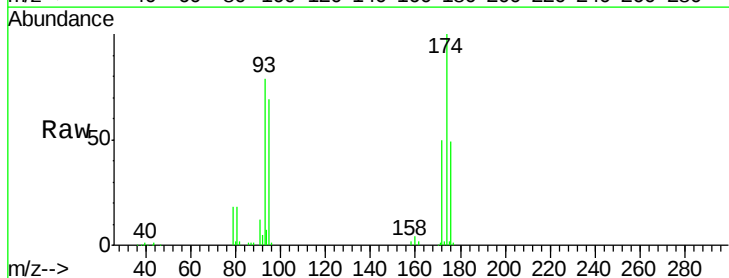
Tgt Ion: 93 Resp: 40404

Ion Ratio Lower Upper

93 100

95 84.5 67.6 101.4

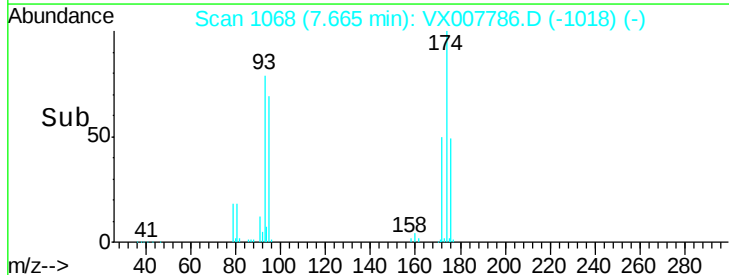
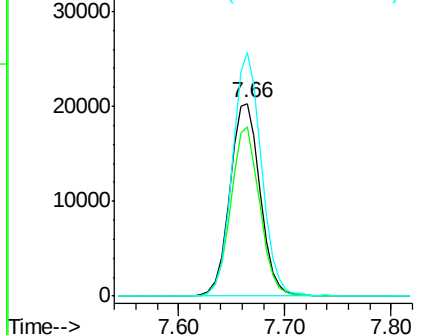
174 121.6 94.2 141.4

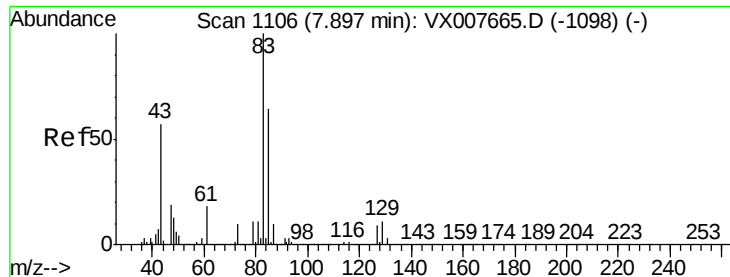


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.103 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

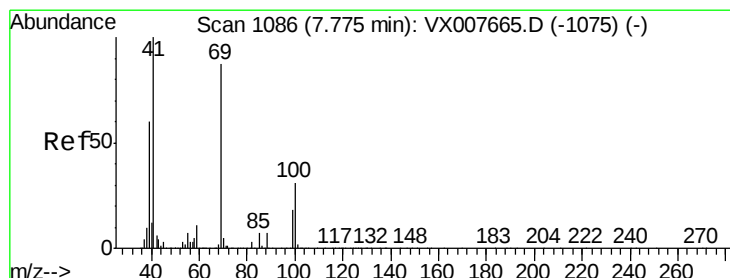
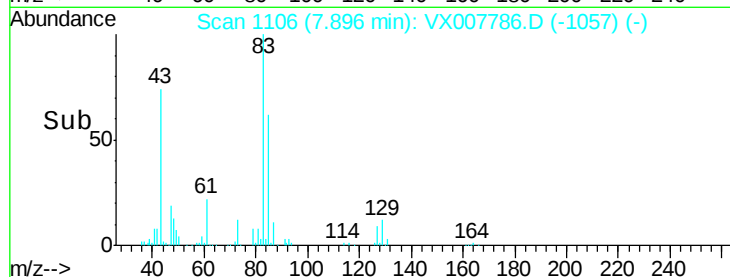
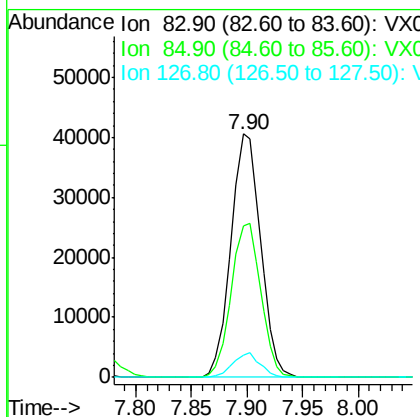
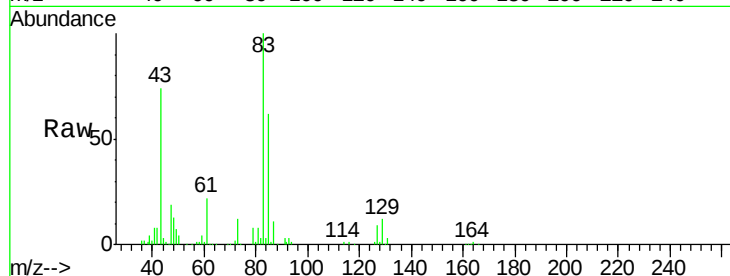
ClientSampleId :

VX0301MBS01

Tot Ion:	83	Resp:	75204
Ion Ratio	Lower	Upper	
83	100		
85	62.1	51.4	77.0
127	9.1	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.006 ug/l

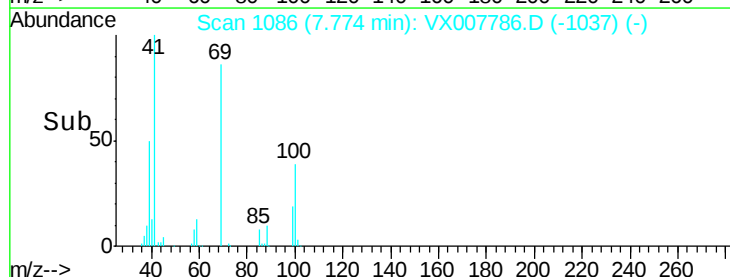
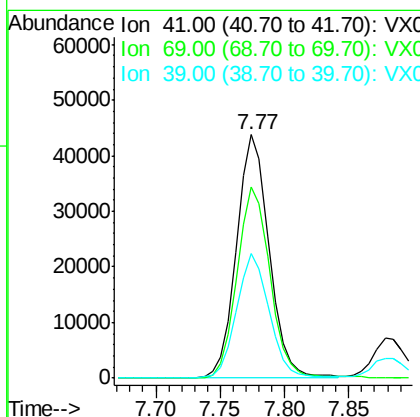
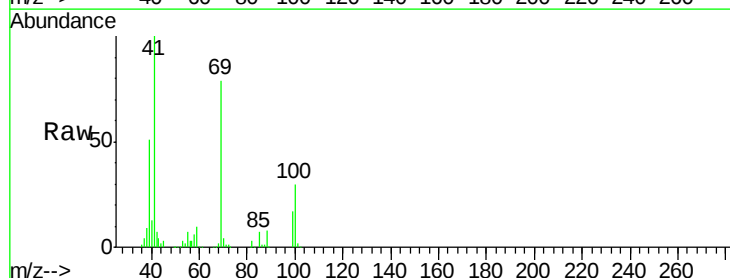
RT: 7.77 min Scan# 1086

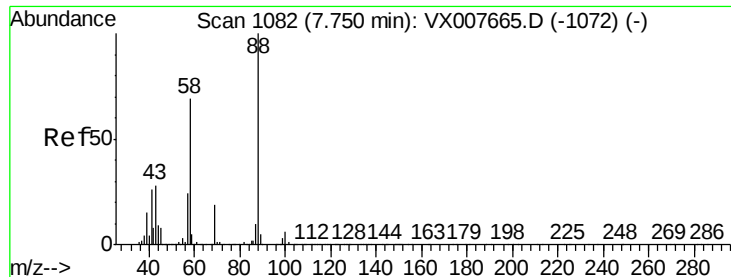
Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	41	Resp:	76311
Ion Ratio	Lower	Upper	
41	100		
69	80.6	70.2	105.4
39	51.5	47.4	71.0





#49

1,4-Dioxane

Concen: 411.109 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

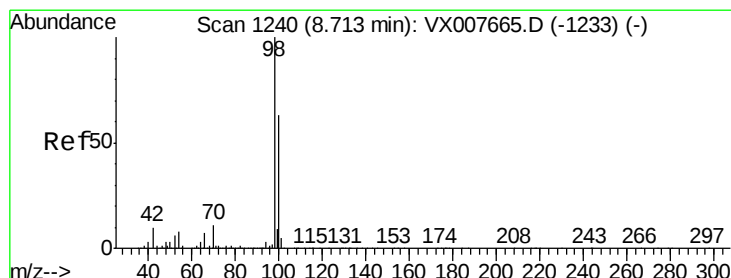
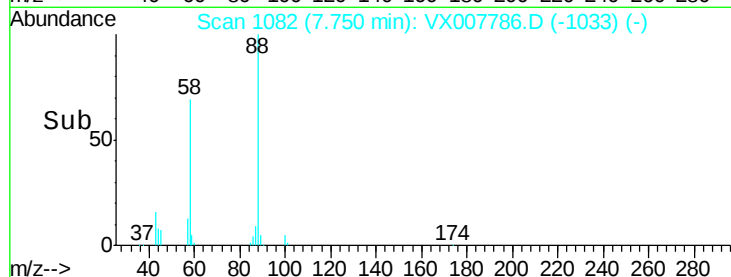
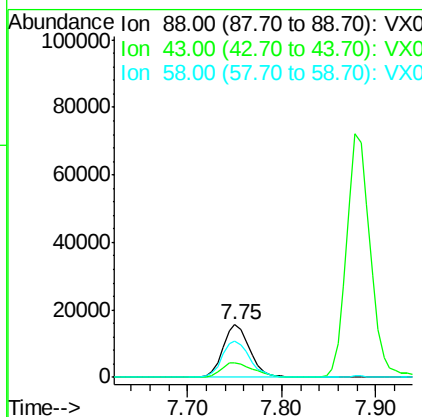
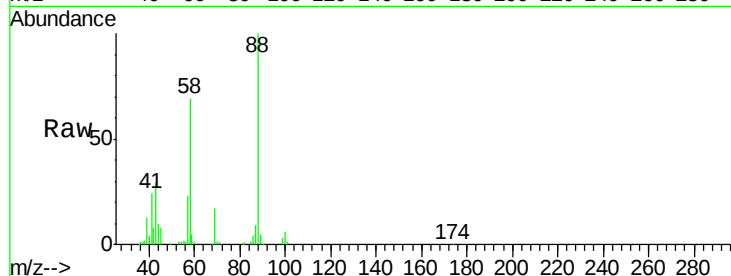
ClientSampleId :

VX0301MBS01

Tot Ion:	88	Resp:	30791
Ion Ratio	Lower	Upper	
88	100		
43	32.9	24.2	36.4
58	71.6	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.598 ug/l

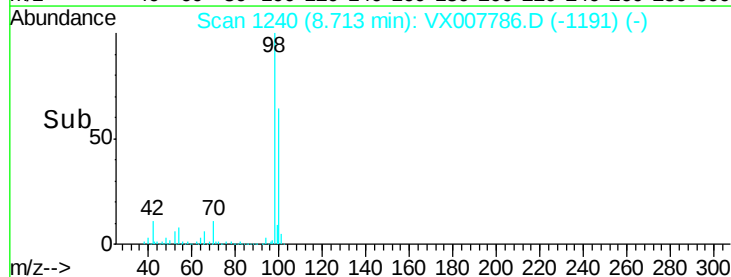
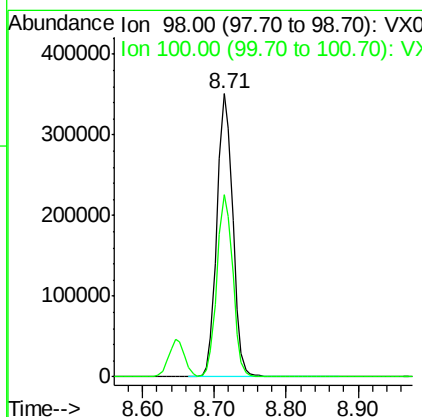
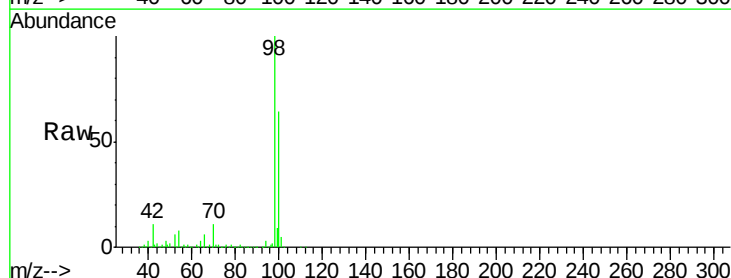
RT: 8.71 min Scan# 1240

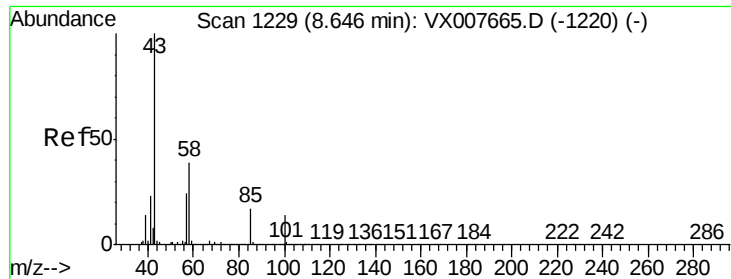
Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	98	Resp:	535295
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.6	77.4





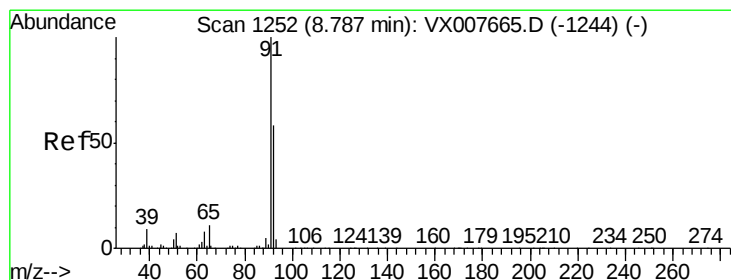
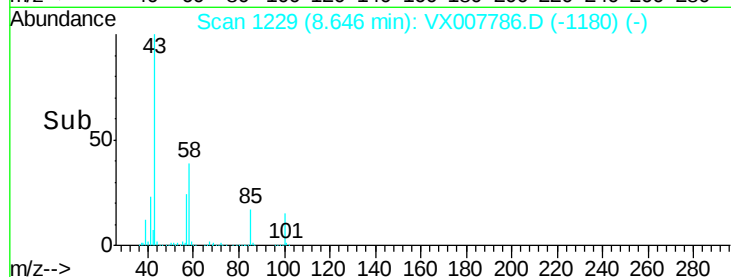
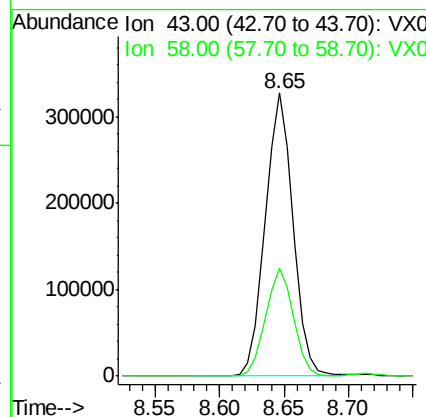
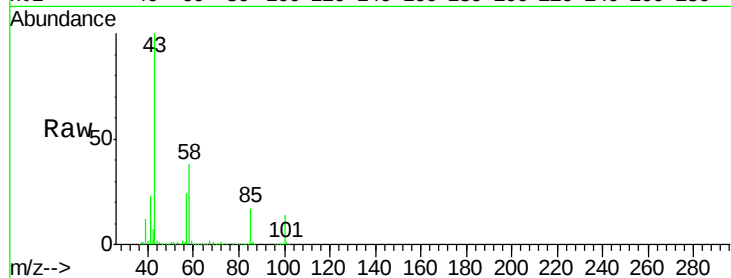
#51
4-Methyl-2-Pentanone
Concen: 110.088 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	31.2	46.8

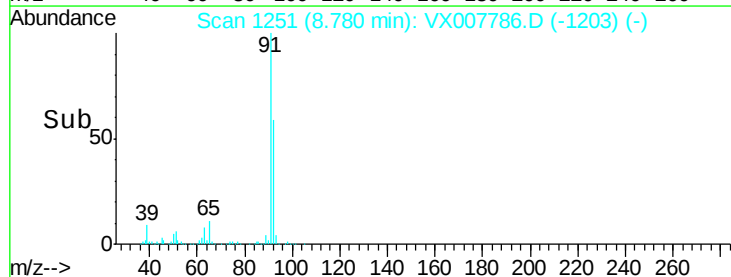
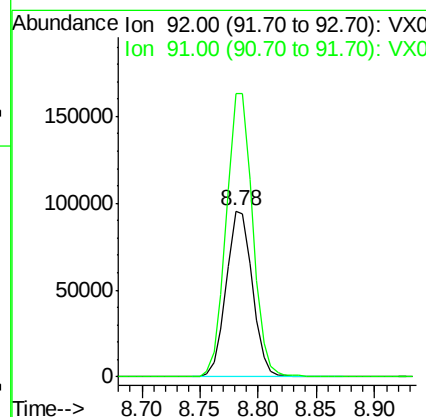
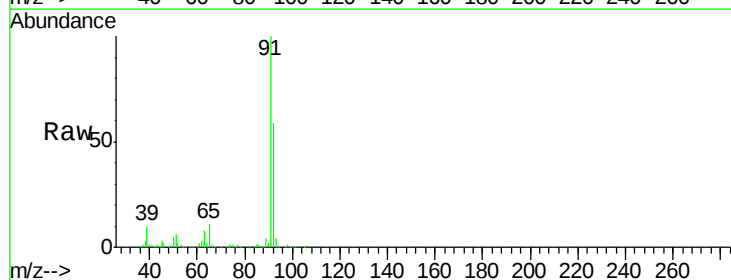
Manual Integrations
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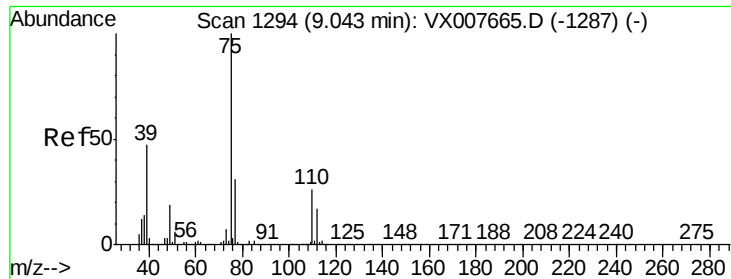
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#52
Toluene
Concen: 19.805 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.2	139.1	208.7





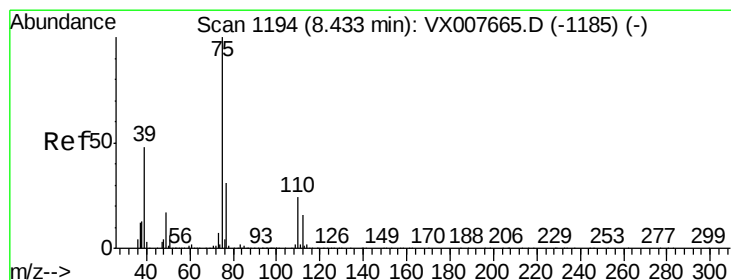
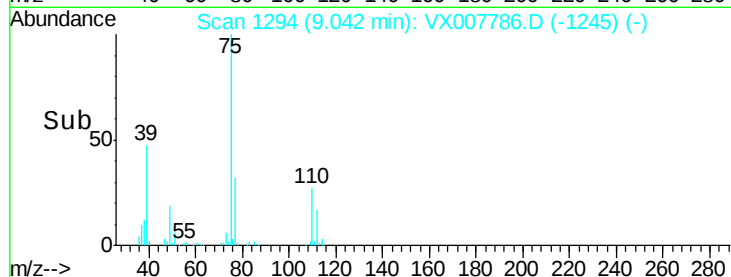
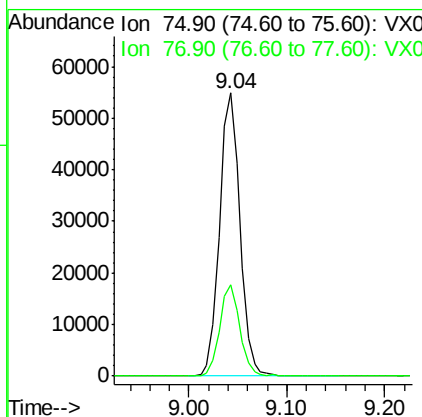
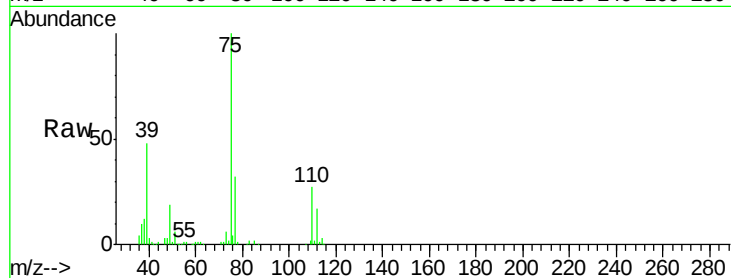
#53
t-1,3-Dichloropropene
Concen: 18.929 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.2	37.8

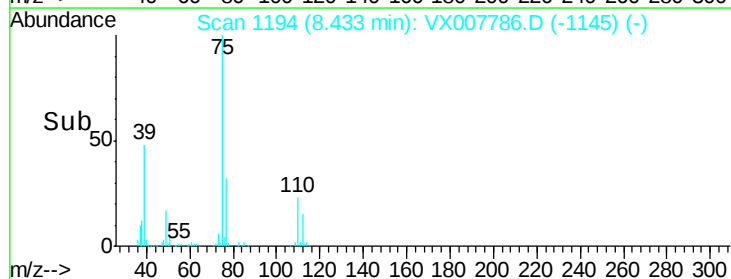
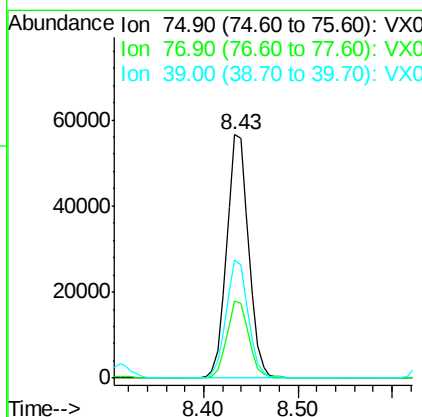
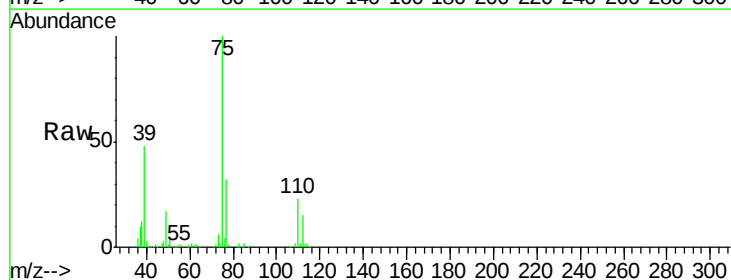
Manual Integrations
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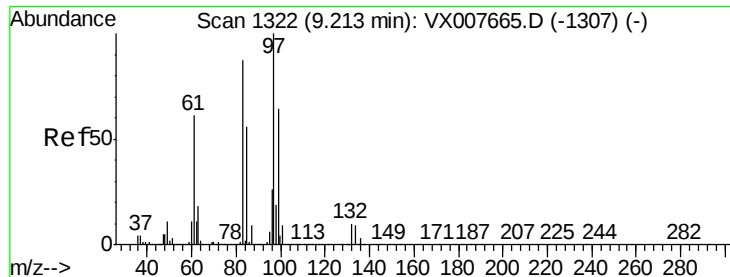
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.090 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.4
39	48.1	37.1	55.7





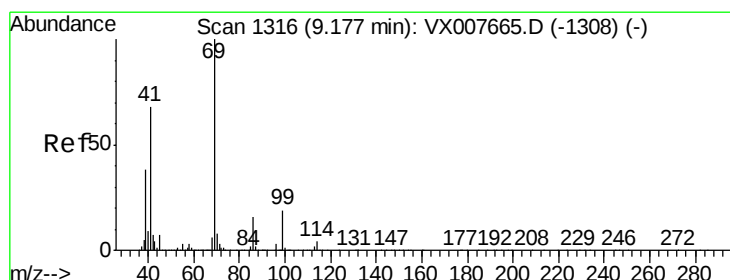
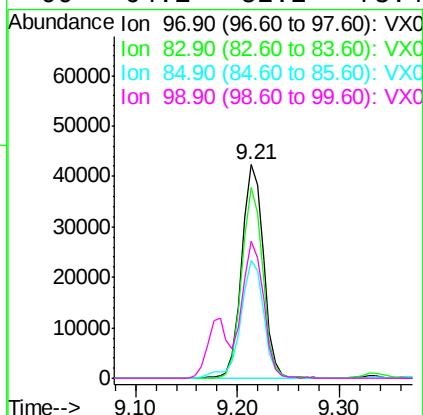
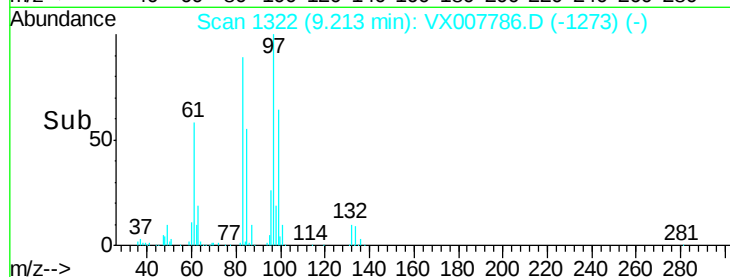
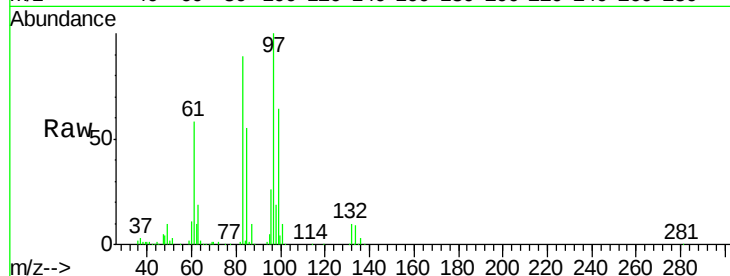
#55
1,1,2-Trichloroethane
Concen: 19.902 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion:	97	Resp:	62514
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.6	102.8
85	55.2	44.5	66.7
99	64.1	52.2	78.4

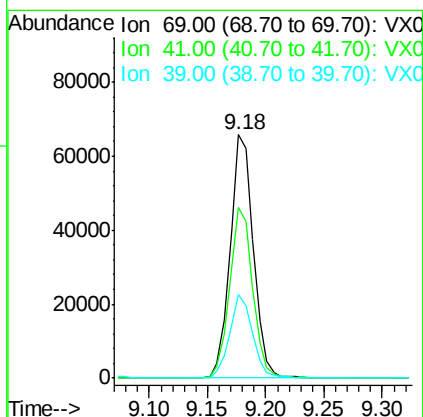
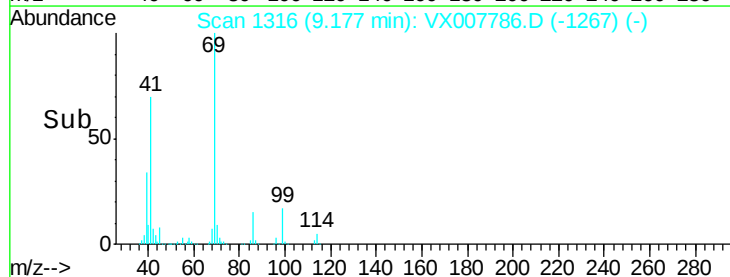
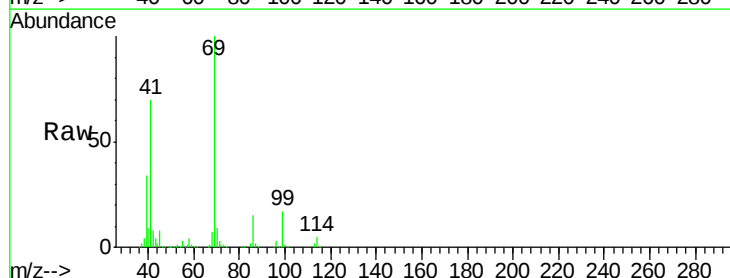
Manual Integrations
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#56
Ethyl methacrylate
Concen: 20.522 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion:	69	Resp:	91667
Ion	Ratio	Lower	Upper
69	100		
41	69.3	52.1	78.1
39	33.8	30.1	45.1





#57

1,3-Dichloropropane

Concen: 20.667 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 76 Resp: 103916

Ion Ratio Lower Upper

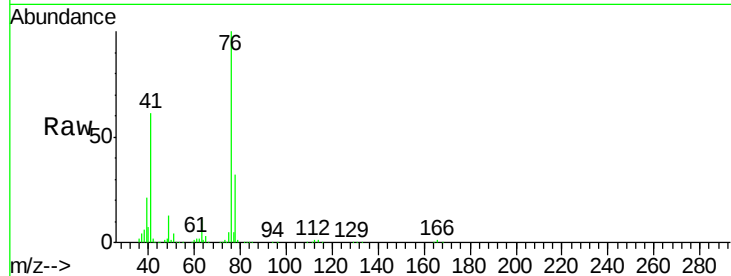
76 100

78 32.2 25.8 38.8

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

60000

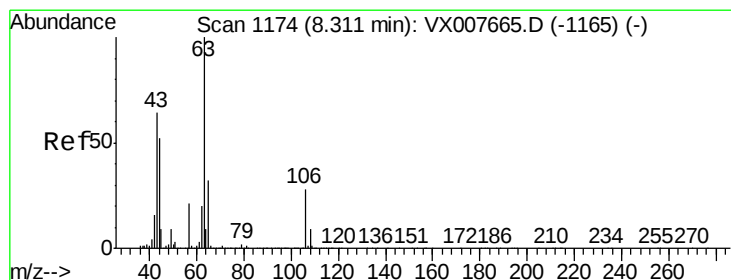
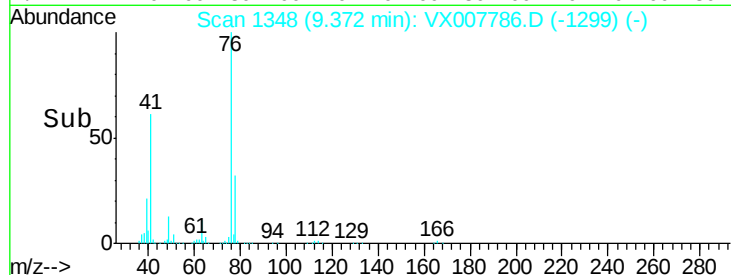
40000

20000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 98.848 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007786.D

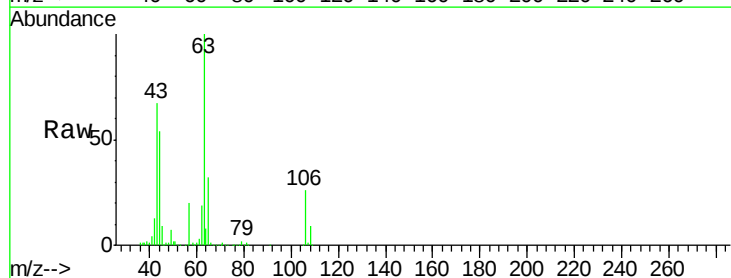
Acq: 01 Mar 2019 13:40

Tgt Ion: 63 Resp: 243482

Ion Ratio Lower Upper

63 100

106 27.3 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

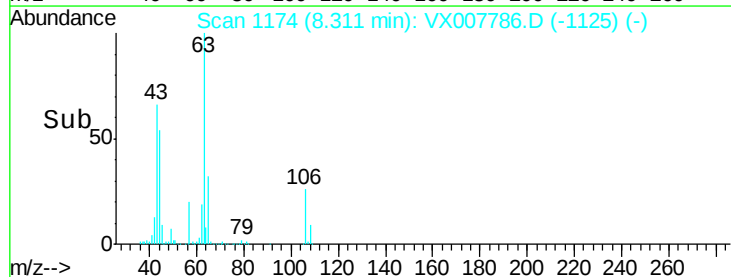
100000

50000

0

8.20 8.30 8.40

Time-->





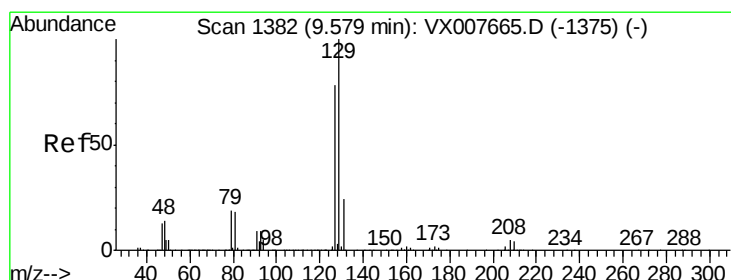
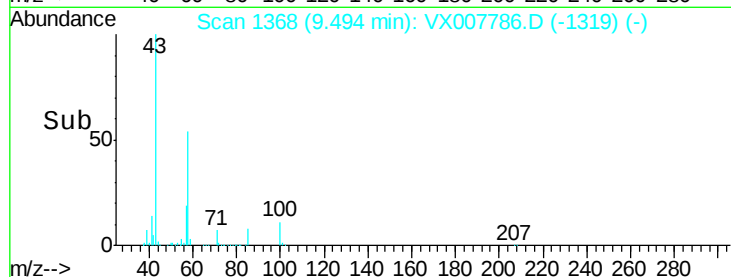
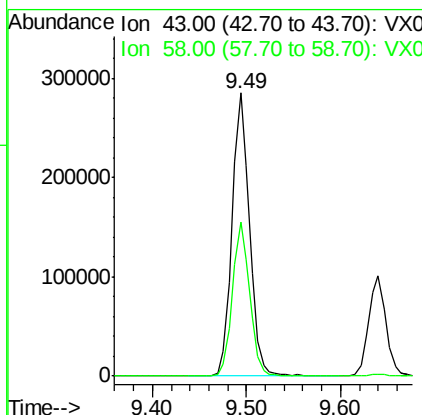
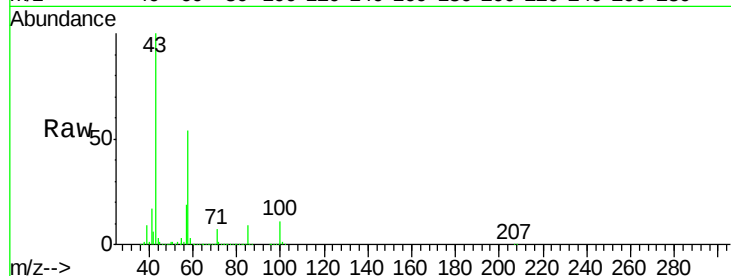
#59
2-Hexanone
Concen: 105.325 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	27.1	81.3

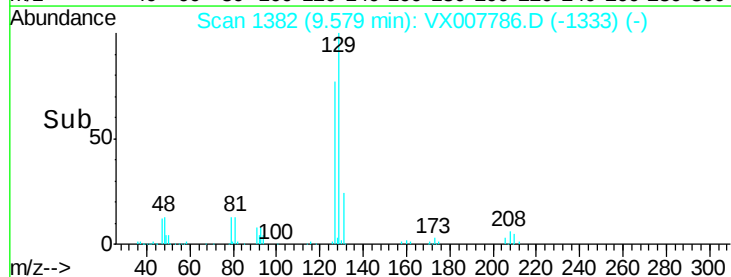
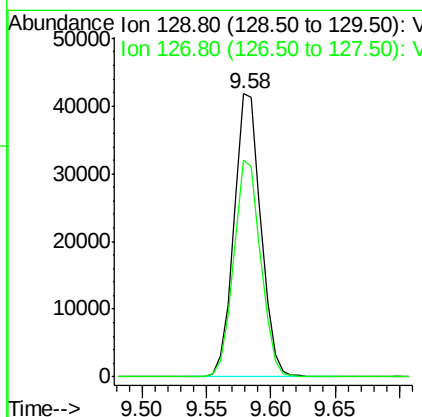
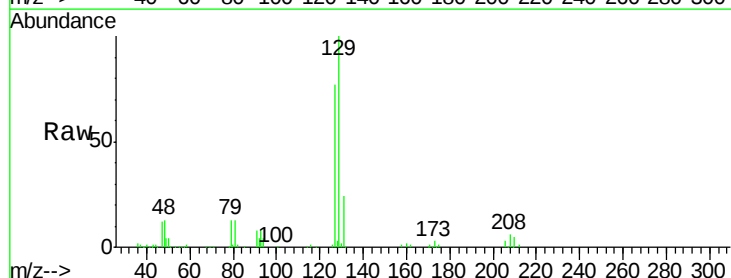
Manual Integrations
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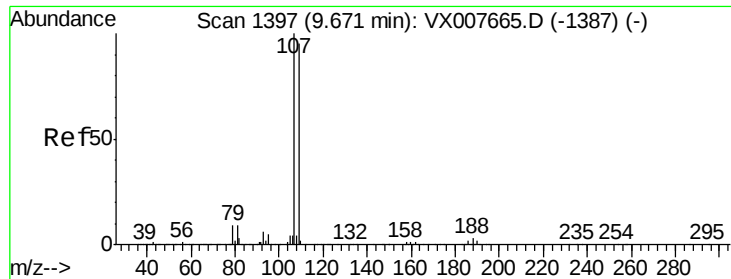
MMDadoda
3/4/2019 1:36:06 PM



#60
Dibromochloromethane
Concen: 20.113 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	37.8	113.4





#61

1,2-Dibromoethane

Concen: 19.781 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 107 Resp: 64511

Ion Ratio Lower Upper

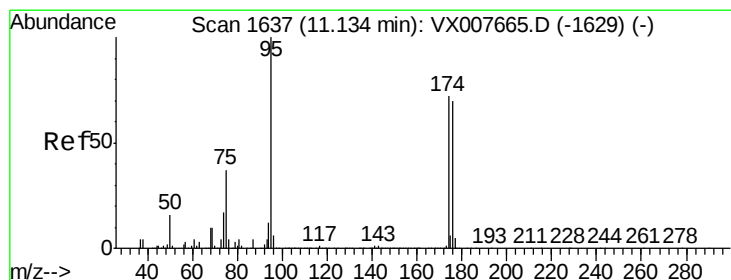
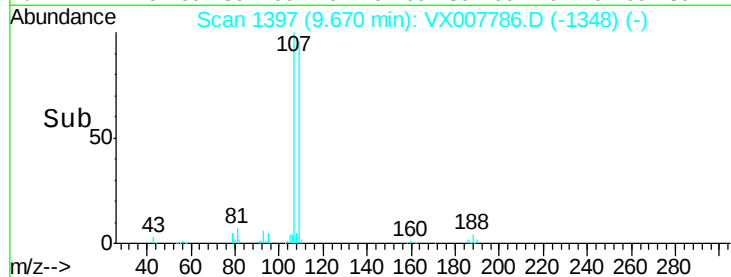
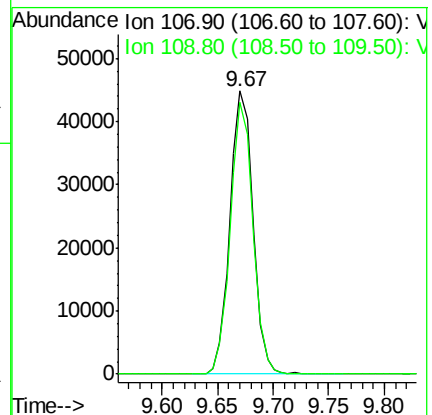
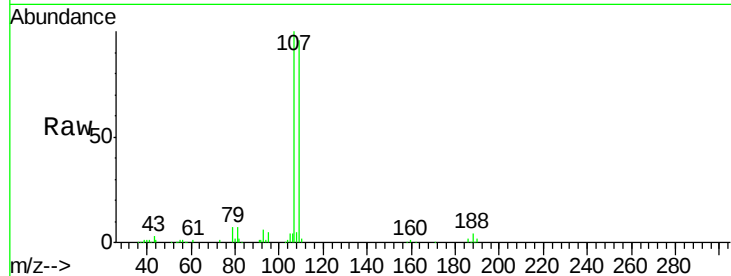
107 100

109 94.2 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 46.863 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

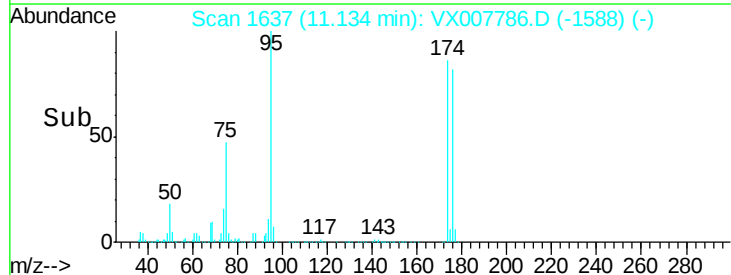
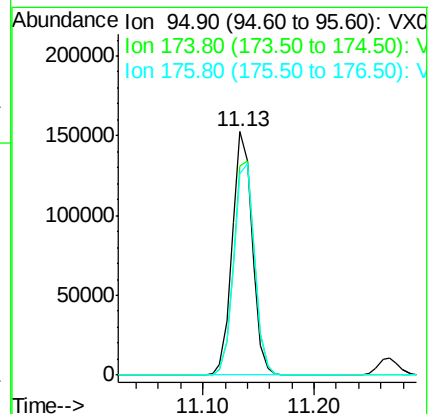
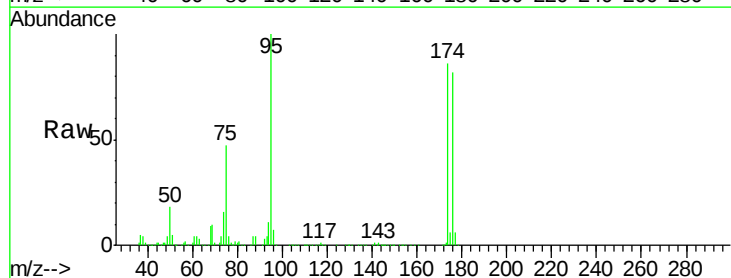
Tgt Ion: 95 Resp: 189460

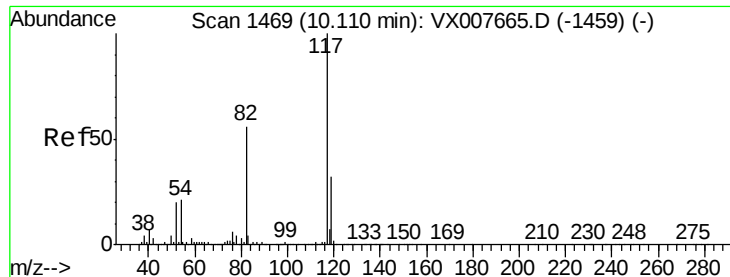
Ion Ratio Lower Upper

95 100

174 91.5 0.0 189.2

176 90.1 0.0 186.2





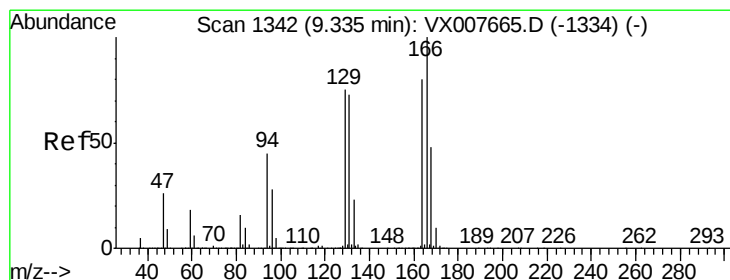
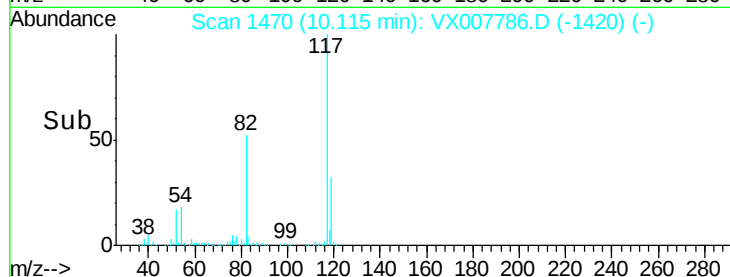
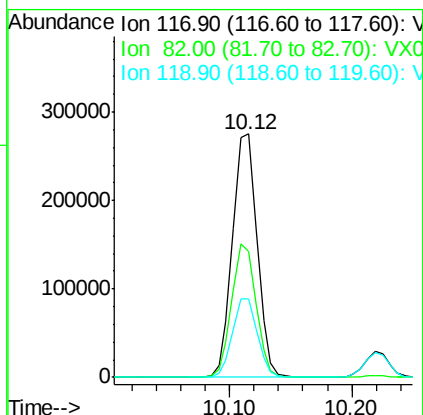
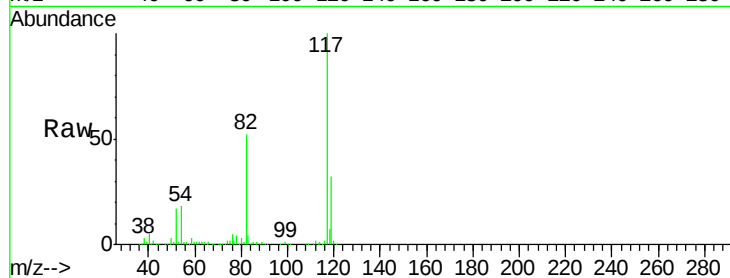
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.1	63.1
119	32.1	26.5	39.7

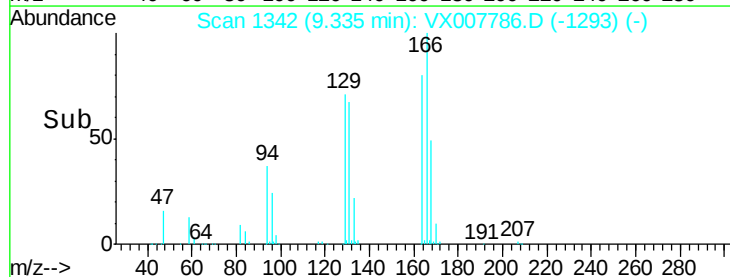
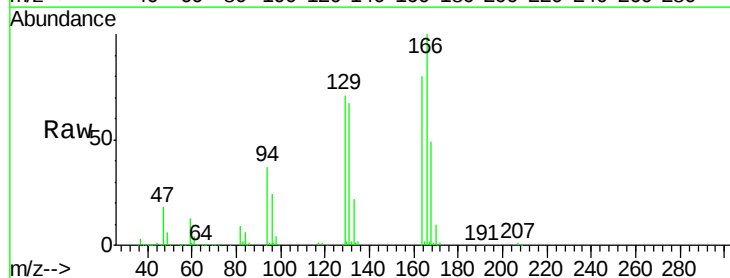
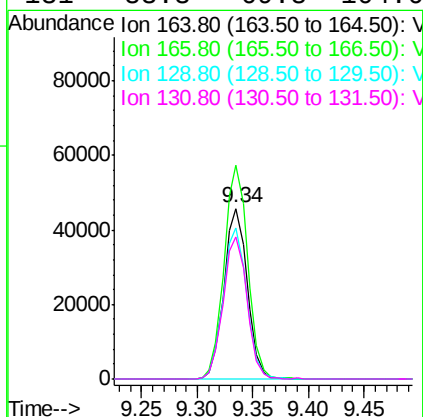
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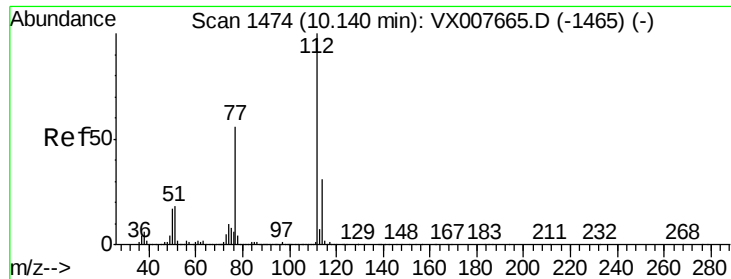
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#64
Tetrachloroethene
Concen: 21.291 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	101.0	151.4
129	88.2	70.5	105.7
131	83.3	69.8	104.6





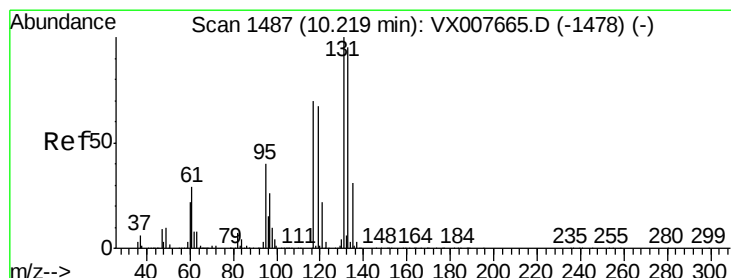
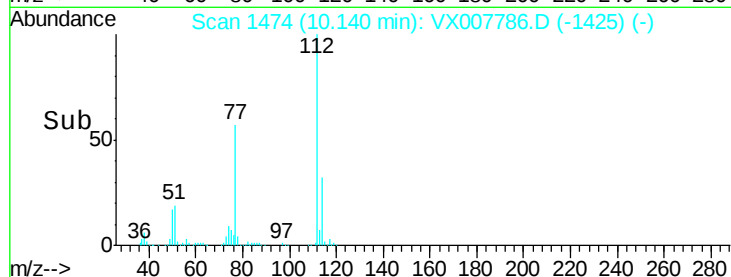
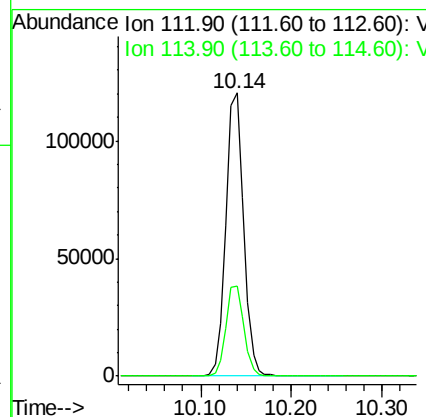
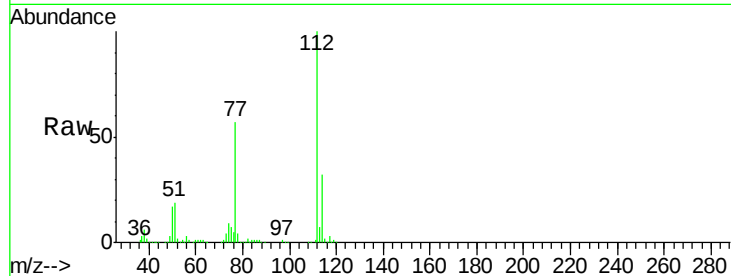
#65
Chlorobenzene
Concen: 19.760 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampled :
VX0301MBS01

Tot Ion:112 Resp: 164273
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

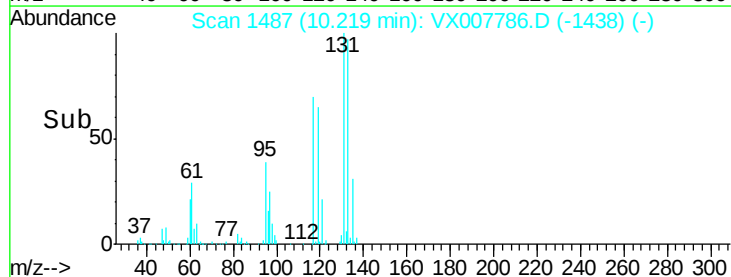
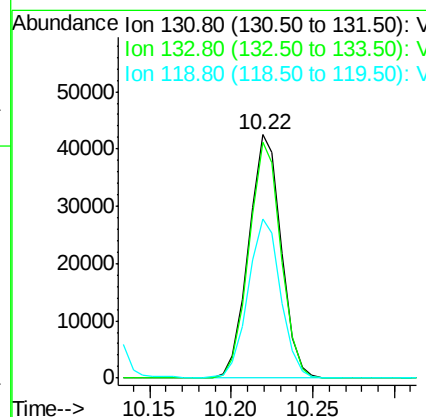
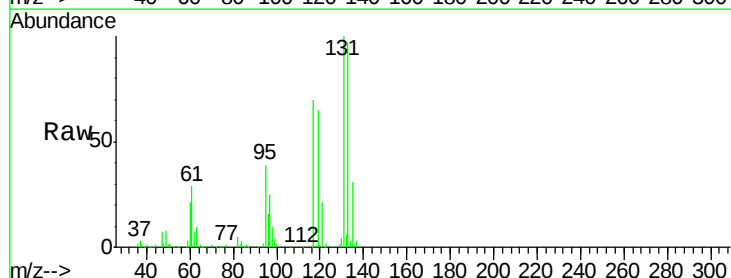
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.349 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion:131 Resp: 59009
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 65.4 32.0 96.0





#67

Ethyl Benzene

Concen: 19.672 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion: 91 Resp: 270906

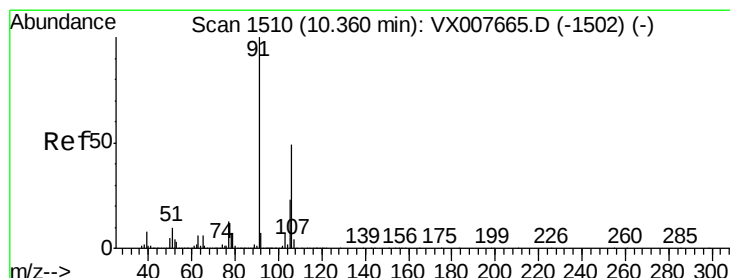
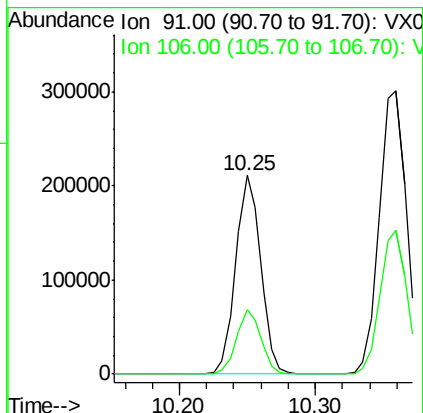
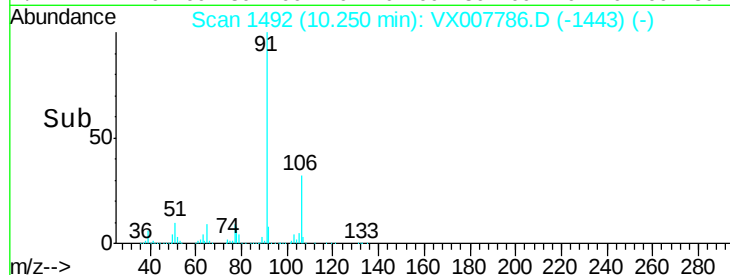
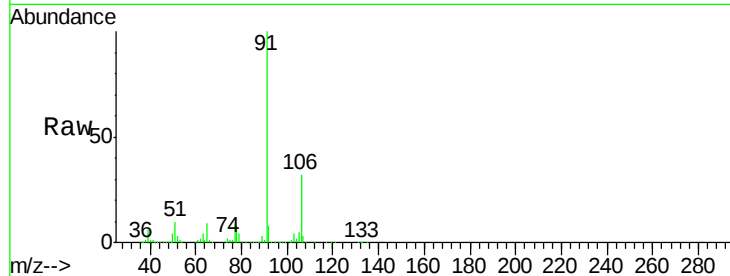
Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.919 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007786.D

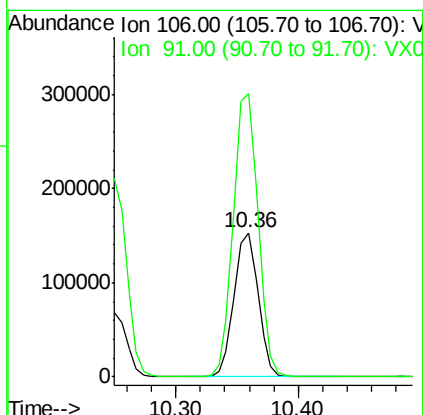
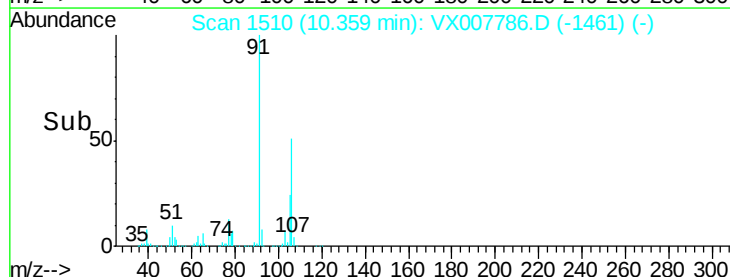
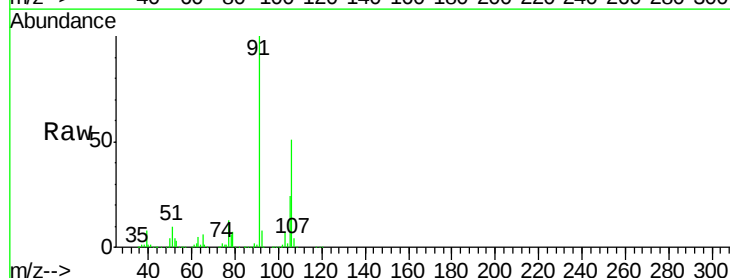
Acq: 01 Mar 2019 13:40

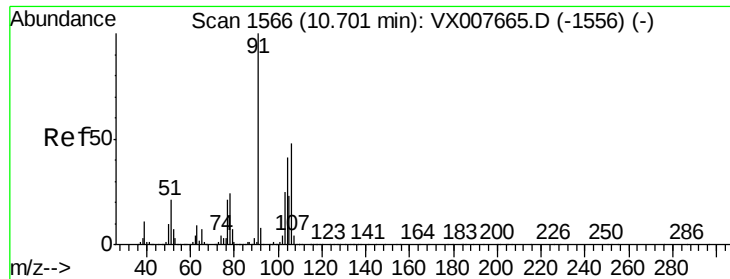
Tgt Ion: 106 Resp: 208510

Ion Ratio Lower Upper

106 100

91 201.2 156.6 234.8





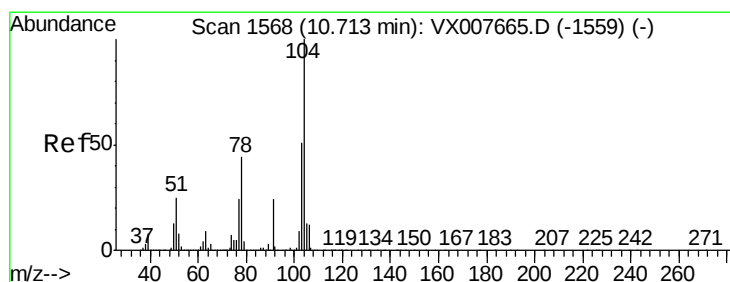
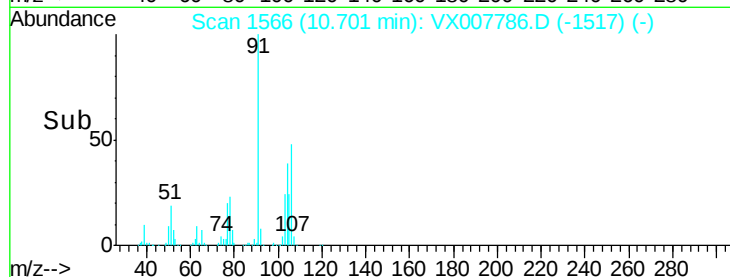
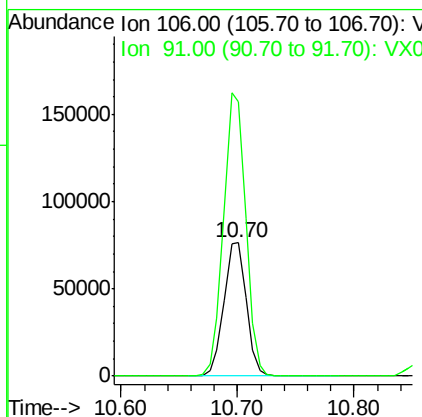
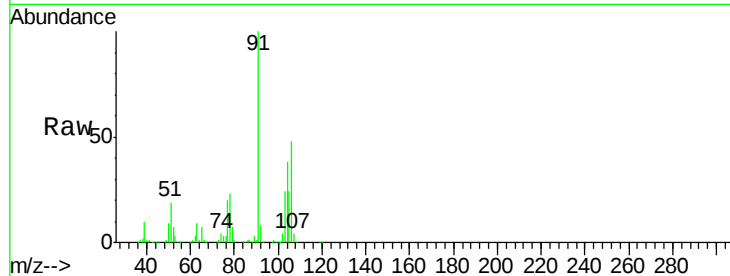
#69
o-Xylene
Concen: 19.870 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	102.9	308.7

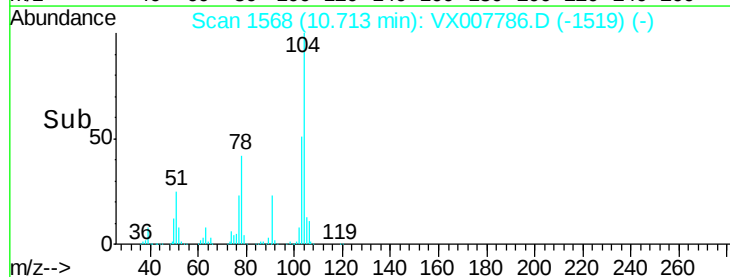
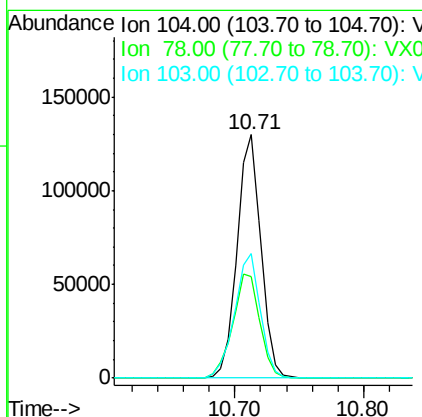
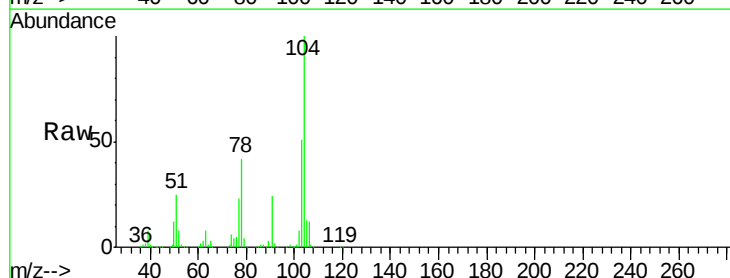
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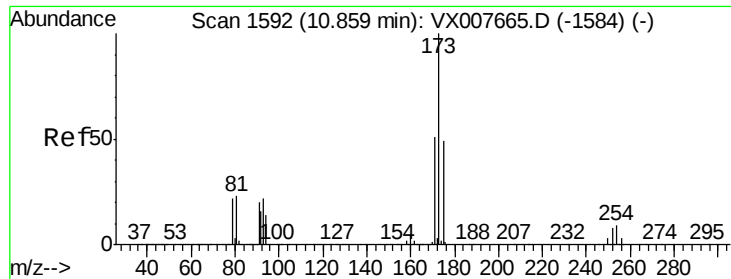
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#70
Styrene
Concen: 19.768 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.3	57.5
103	55.5	44.6	67.0





#71

Bromoform

Concen: 21.046 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

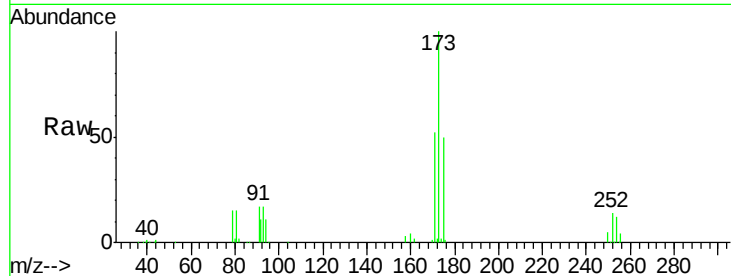
ClientSampleId :

VX0301MBS01

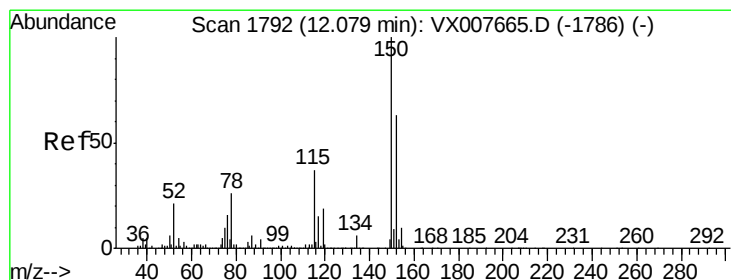
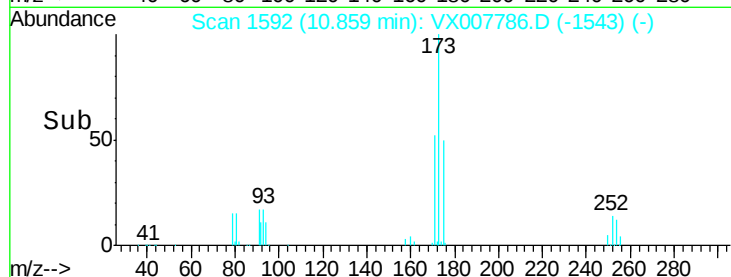
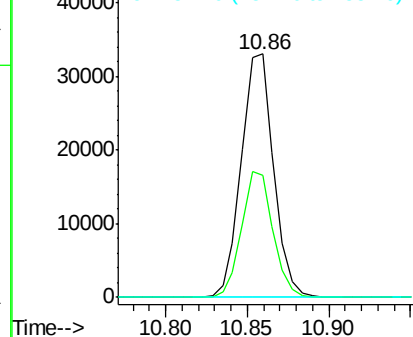
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.2	72.6
254	0.1	0.2	0.2

Manual Integrations
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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

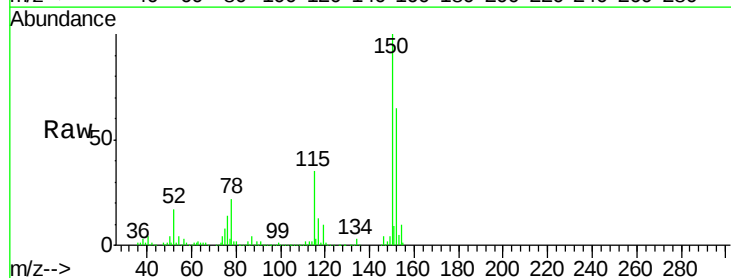
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

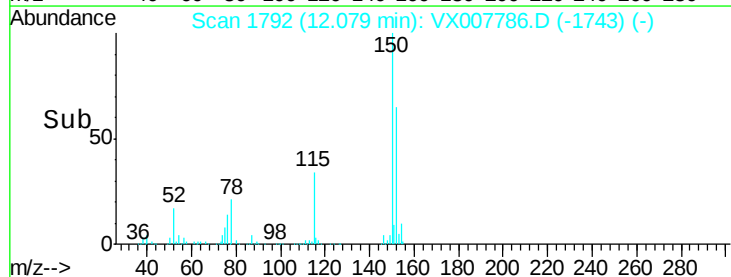
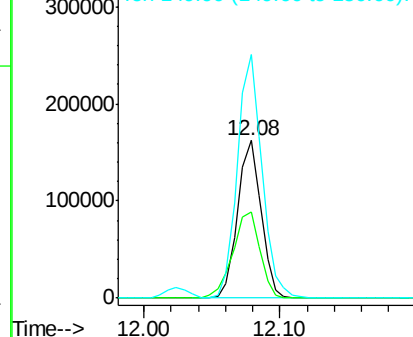
Lab File: VX007786.D

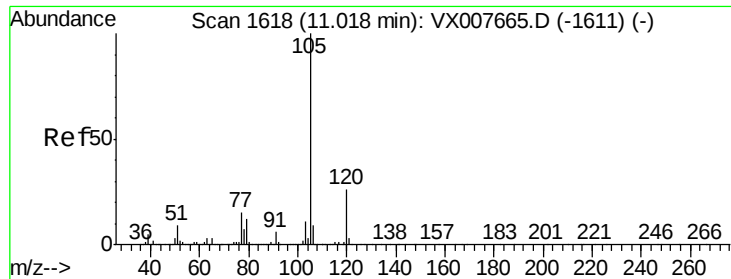
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	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: 19.548 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampled :

VX0301MBS01

Tot Ion: 105 Resp: 272869

Ion Ratio Lower Upper

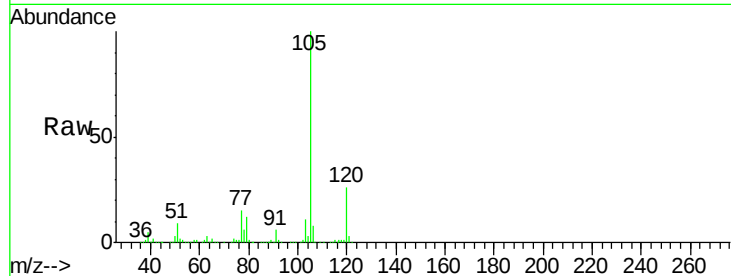
105 100

120 26.4 13.6 40.7

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

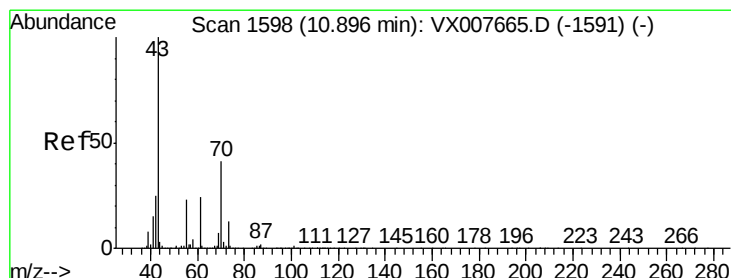
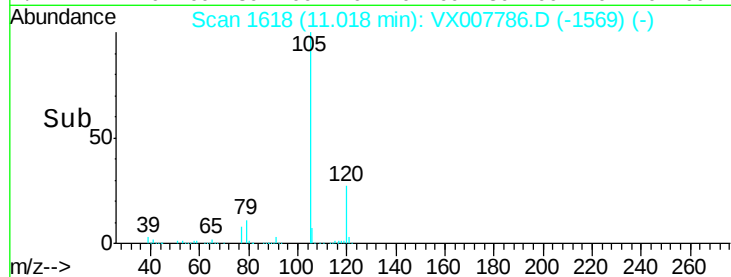
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.011 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion: 43 Resp: 121303

Ion Ratio Lower Upper

43 100

70 41.9 33.8 50.6

55 25.6 19.5 29.3

61 23.9 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

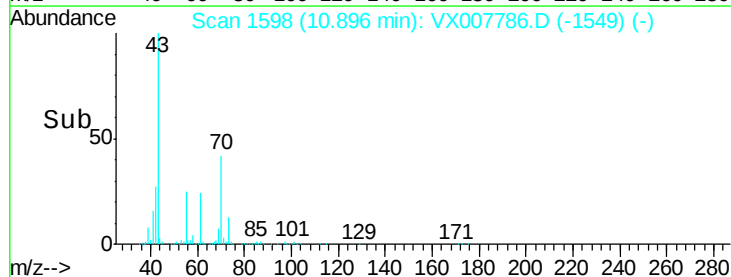
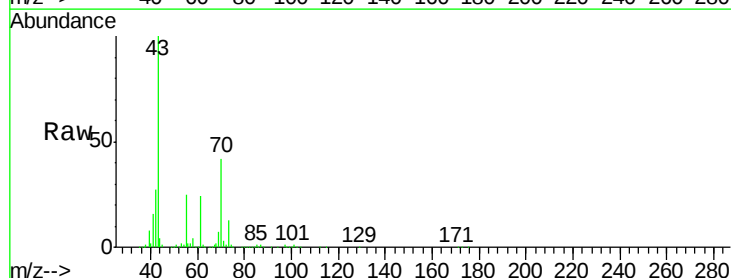
50000

0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.290 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

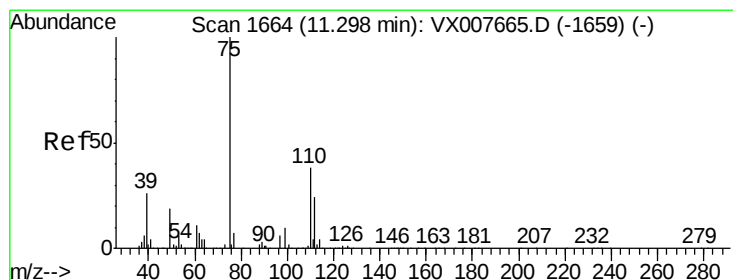
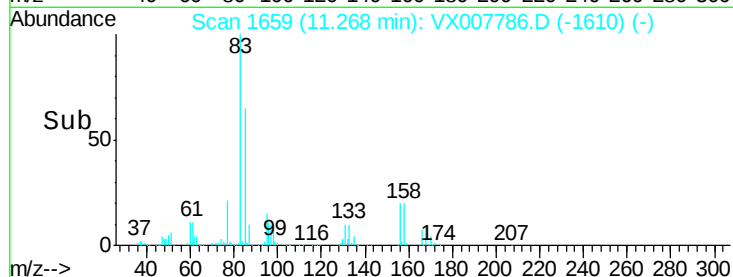
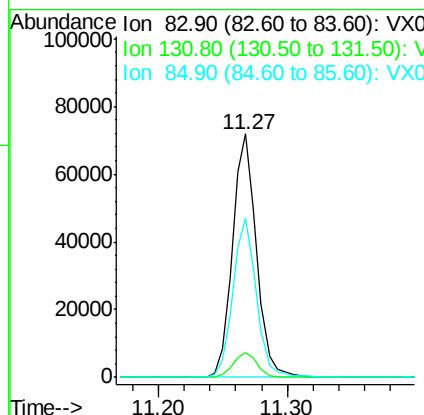
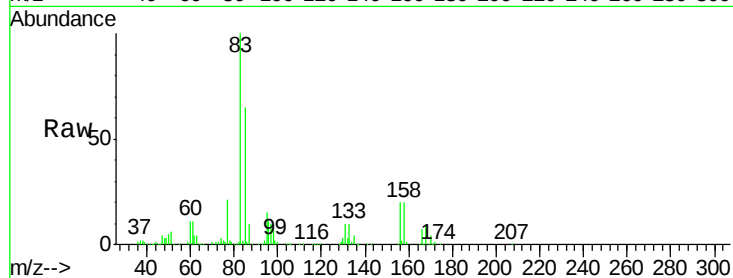
ClientSampleId :

VX0301MBS01

Tot Ion:	83	Resp:	93133
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.7	17.0
85	64.3	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.687 ug/l m

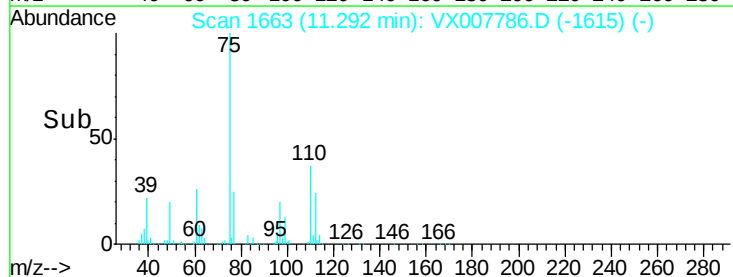
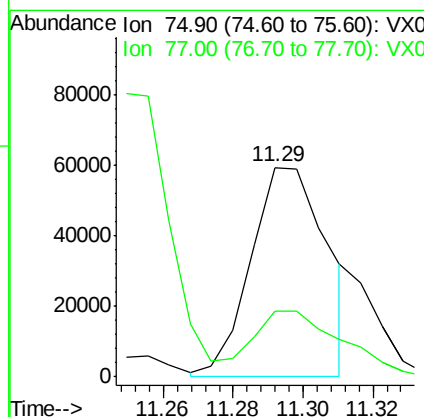
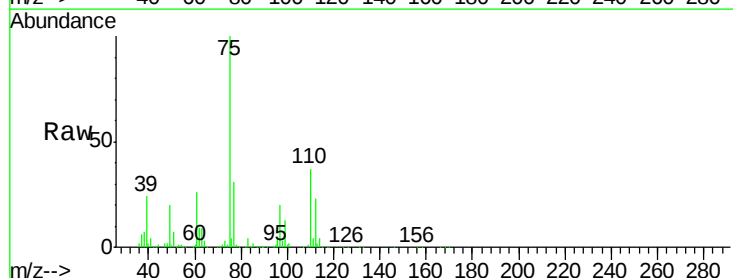
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	75	Resp:	90288
Ion Ratio	Lower	Upper	
75	100		
77	37.6	23.0	69.0





#77

Bromobenzene

Concen: 21.134 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0301MBS01

Tot Ion:156 Resp: 73995

Ion Ratio Lower Upper

156 100

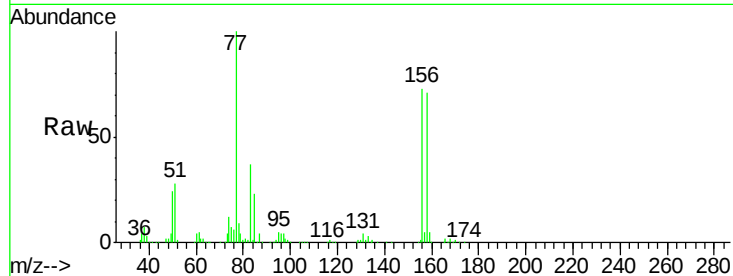
77 143.8 66.8 200.6

158 97.2 47.9 143.8

Manual Integrations
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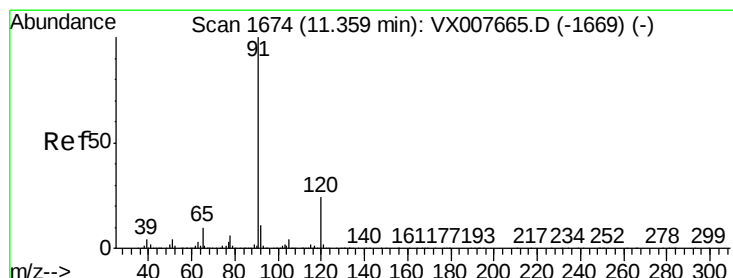
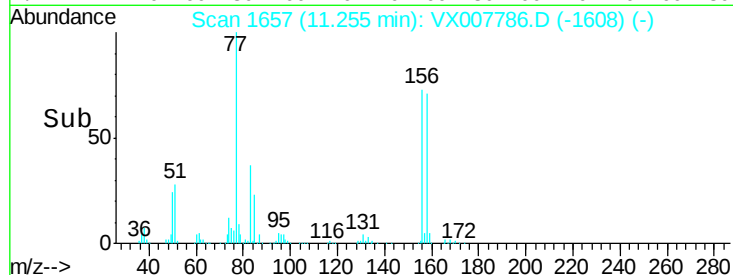
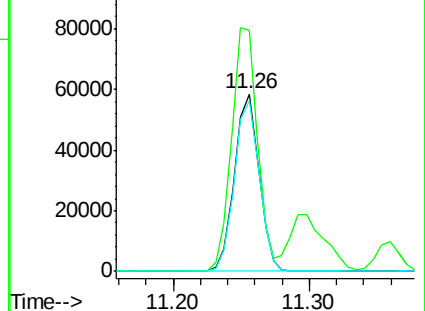
3/4/2019 1:36:06 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.235 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007786.D

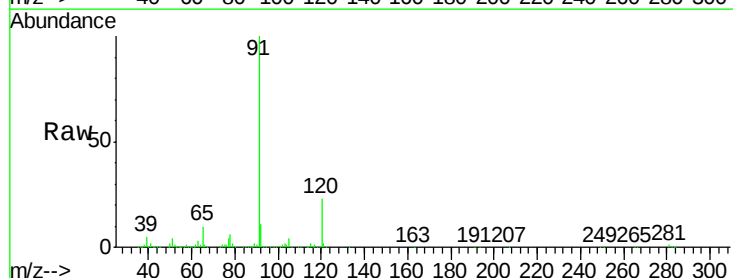
Acq: 01 Mar 2019 13:40

Tgt Ion: 91 Resp: 303420

Ion Ratio Lower Upper

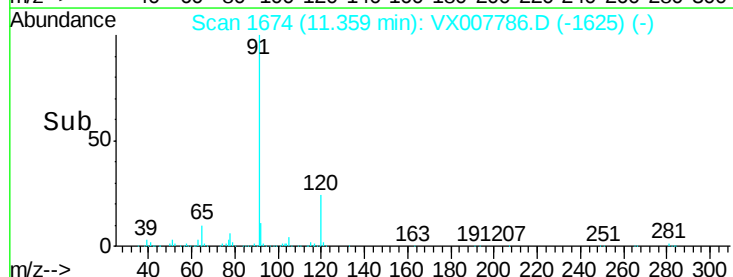
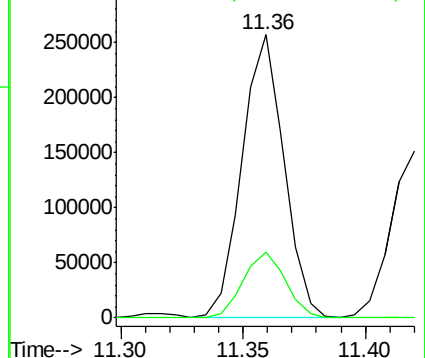
91 100

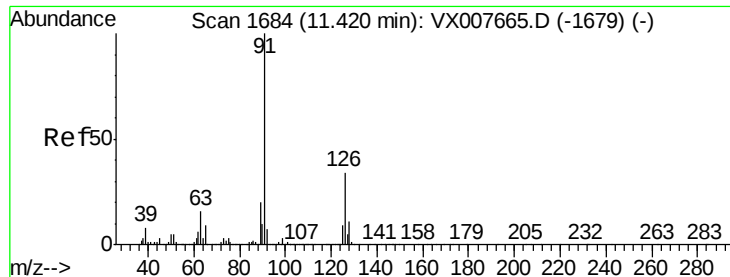
120 23.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





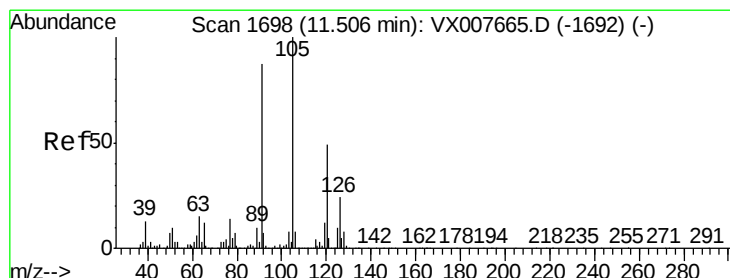
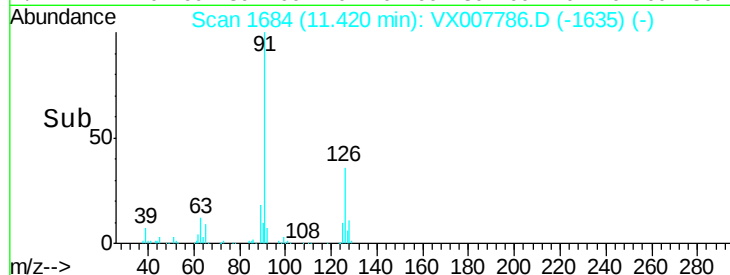
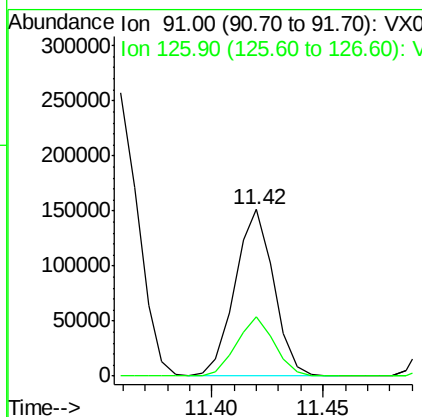
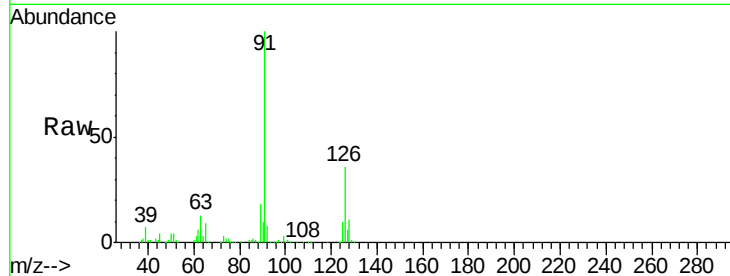
#79
2-Chlorotoluene
Concen: 19.205 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion: 91 Resp: 182405
Ion Ratio Lower Upper
91 100
126 35.2 18.7 56.1

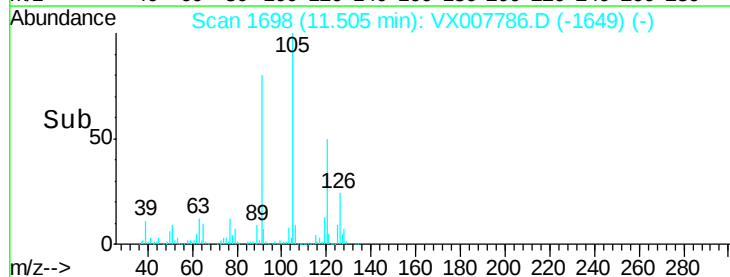
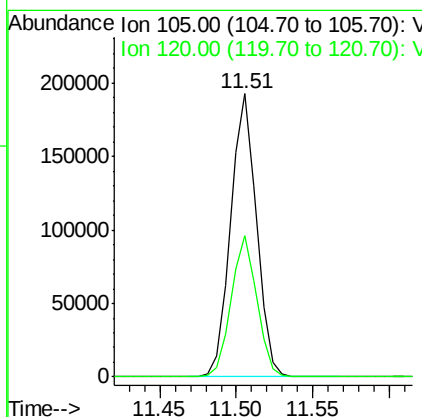
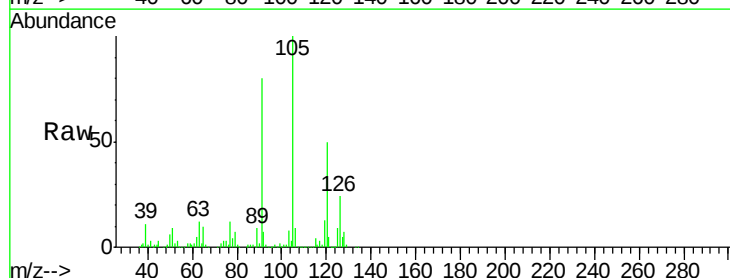
Manual Integrations
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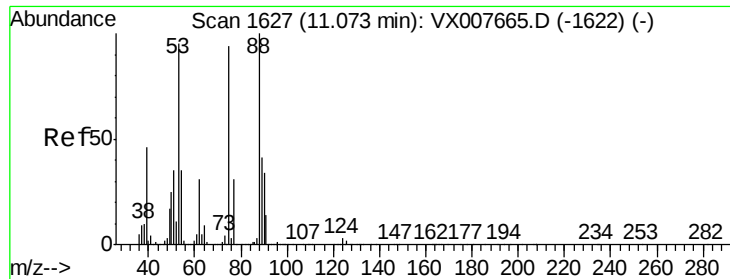
MMDadoda
3/4/2019 1:36:06 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.598 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion: 105 Resp: 225033
Ion Ratio Lower Upper
105 100
120 49.7 25.3 75.8





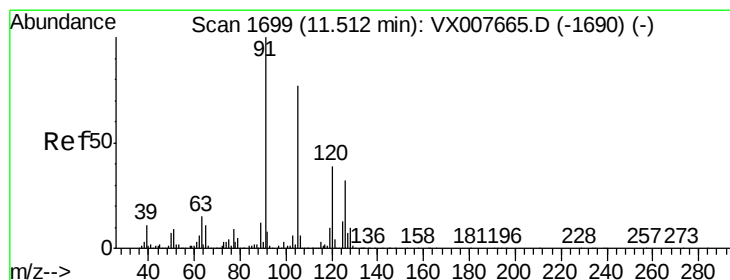
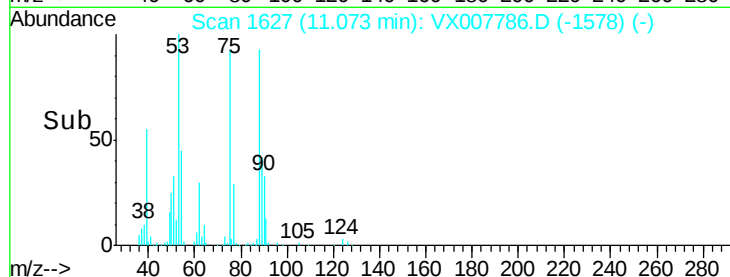
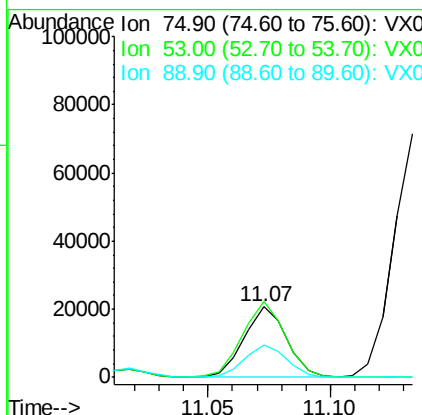
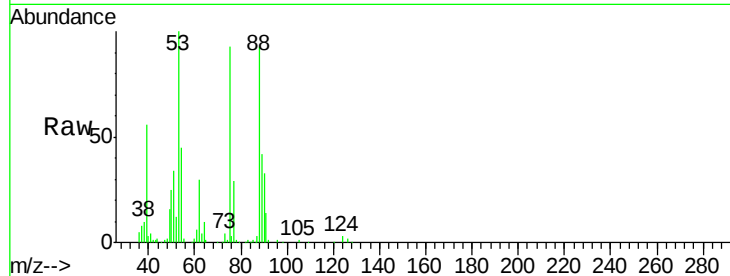
#81
trans-1,4-Dichloro-2-butene
Concen: 18.115 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0301MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.6	81.0	121.6
89	46.3	41.4	62.0

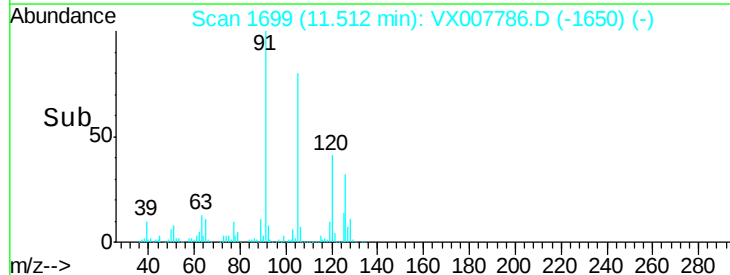
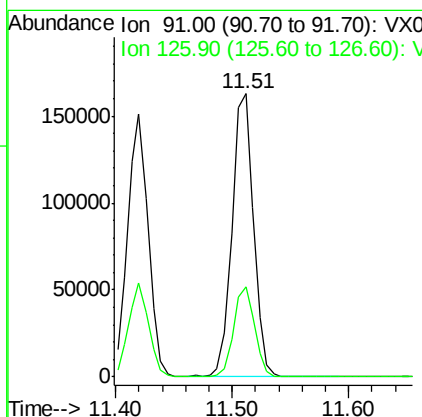
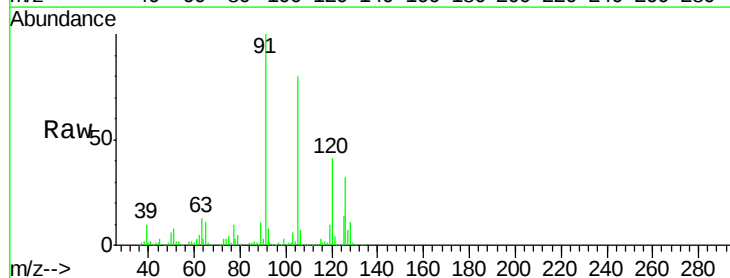
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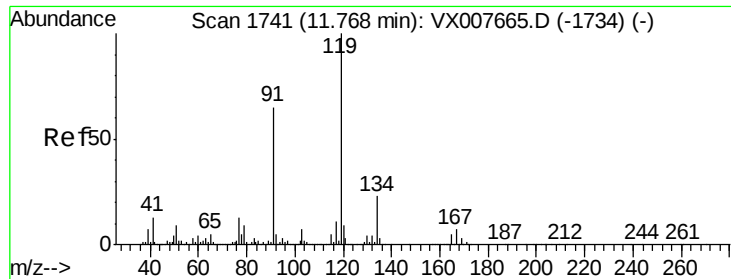
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.869 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007786.D
Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.924 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

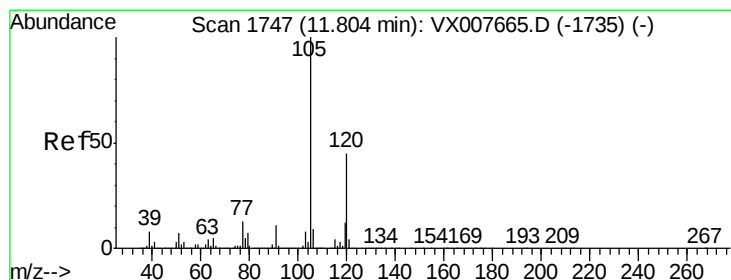
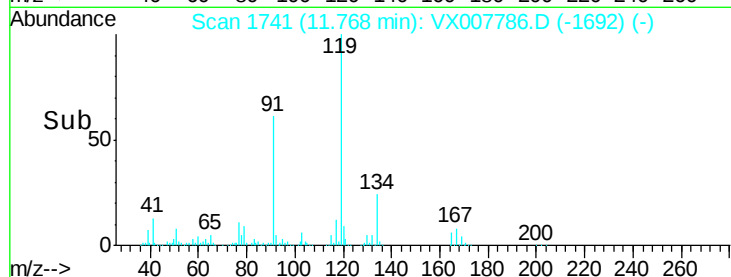
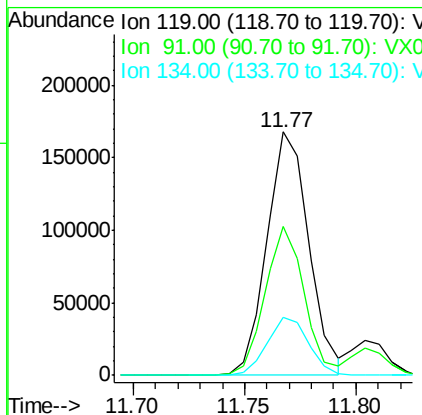
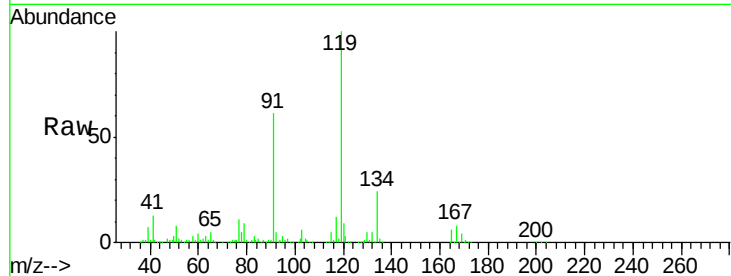
ClientSampleId :

VX0301MBS01

Tot Ion:	119	Resp:	219653
Ion Ratio	Lower	Upper	
119	100		
91	57.2	28.5	85.6
134	23.6	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 19.542 ug/l

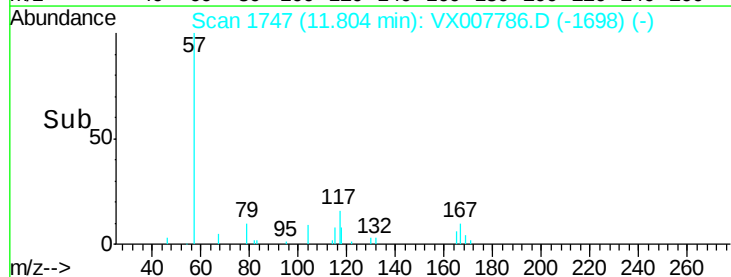
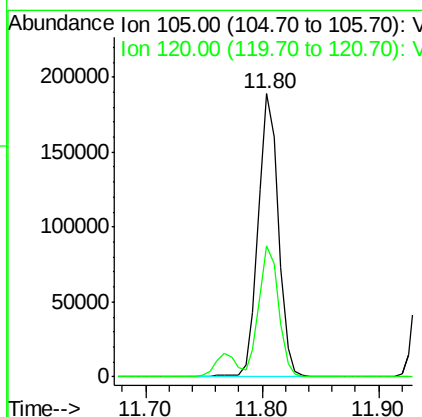
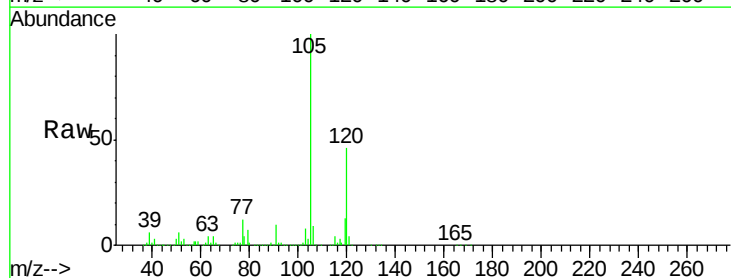
RT: 11.80 min Scan# 1747

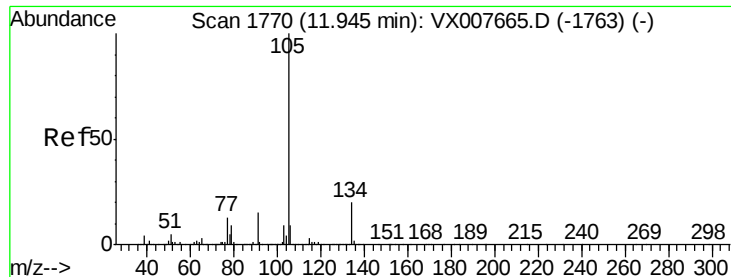
Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	105	Resp:	229525
Ion Ratio	Lower	Upper	
105	100		
120	45.0	23.1	69.3





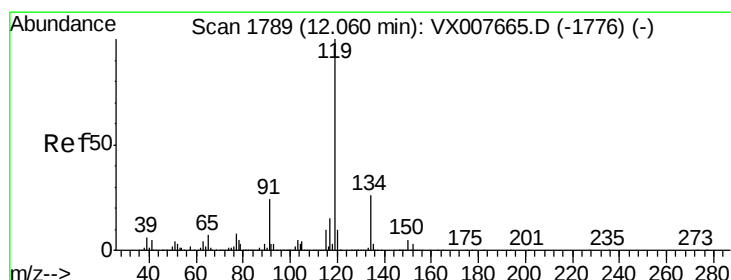
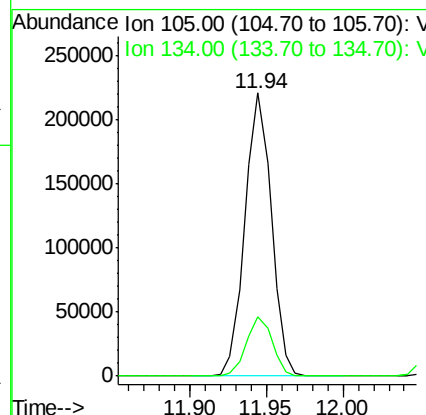
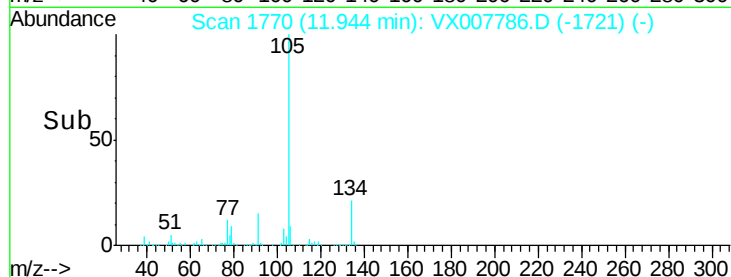
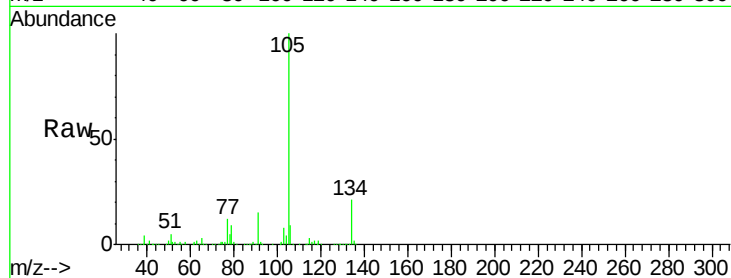
#85
 sec-Butylbenzene
 Concen: 19.139 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.6	31.8

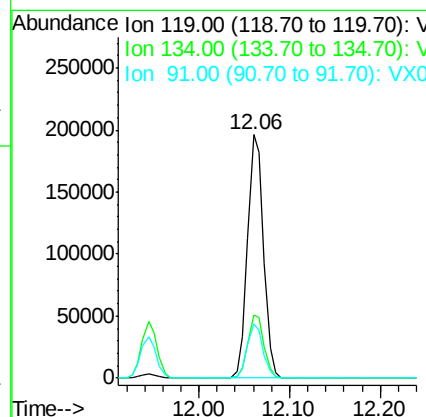
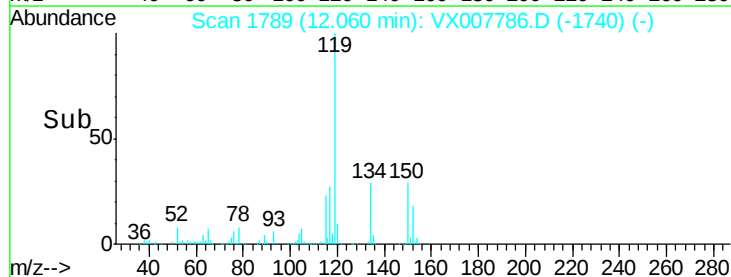
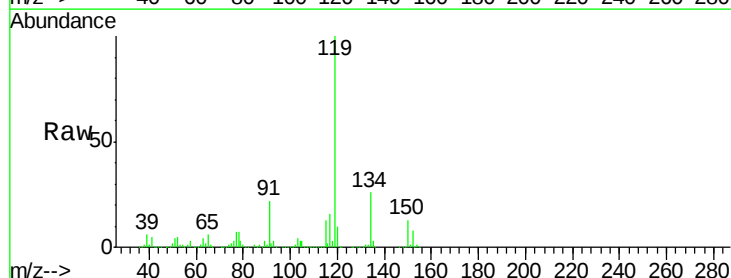
Manual Integrations
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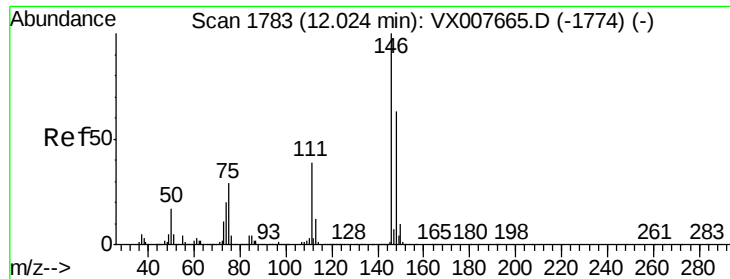
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#86
 p-Isopropyltoluene
 Concen: 19.784 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.7	41.1
91	22.1	11.2	33.5





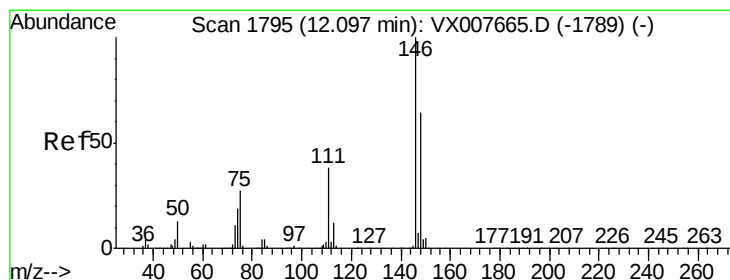
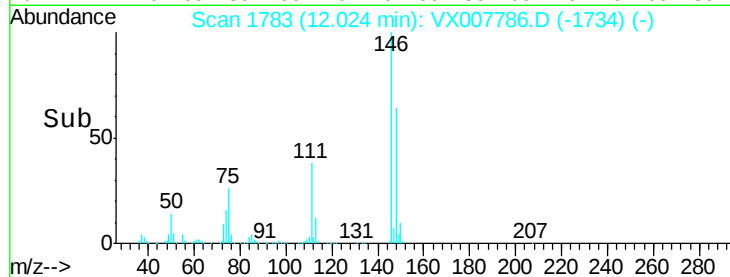
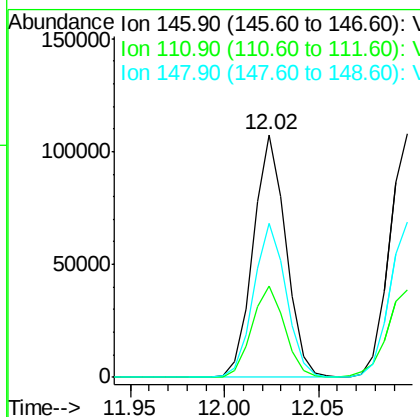
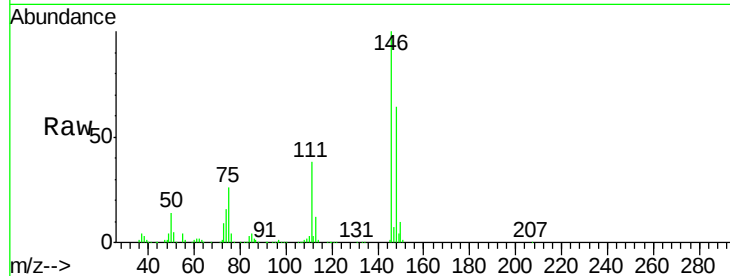
#87
 1,3-Dichlorobenzene
 Concen: 19.777 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	63.6	32.0	96.2

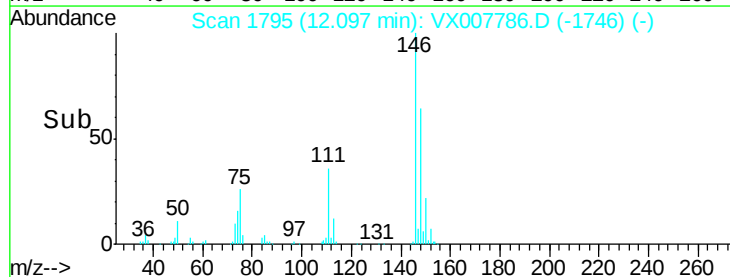
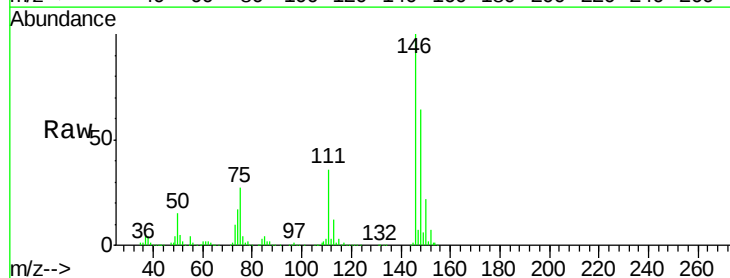
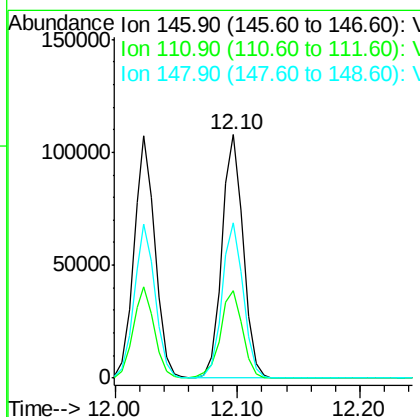
Manual Integrations
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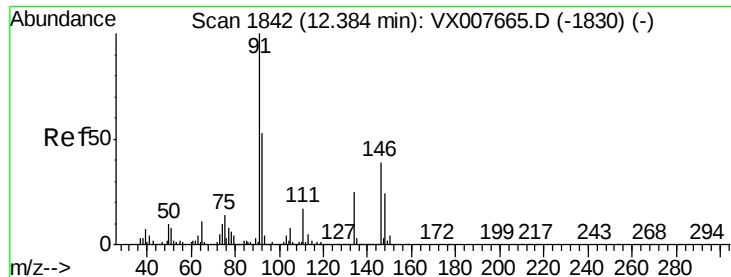
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#88
 1,4-Dichlorobenzene
 Concen: 19.448 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	63.7	32.3	96.9





#89

n-Butylbenzene

Concen: 18.085 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

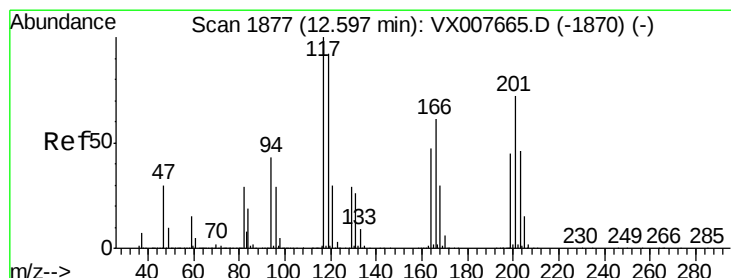
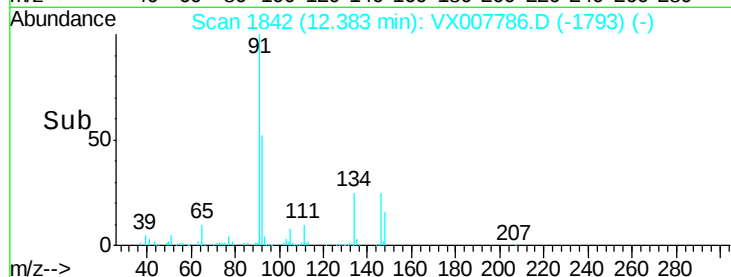
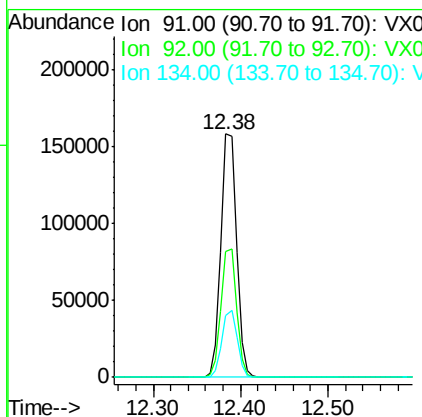
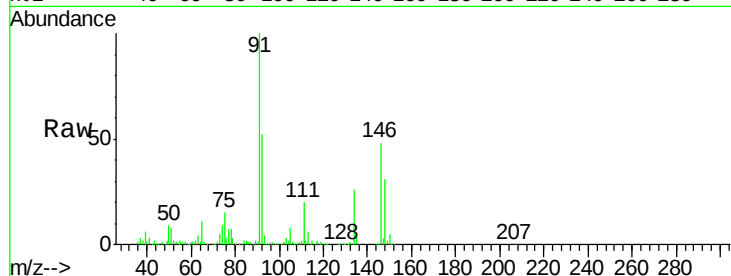
ClientSampleId :

VX0301MBS01

Tot Ion:	91	Resp:	195135
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.3	78.9
134	26.7	13.9	41.6

Manual Integrations
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#90

Hexachloroethane

Concen: 18.061 ug/l

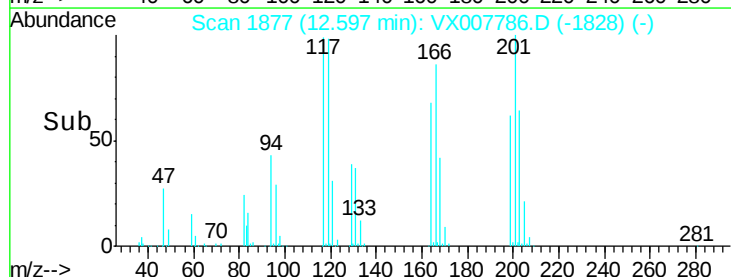
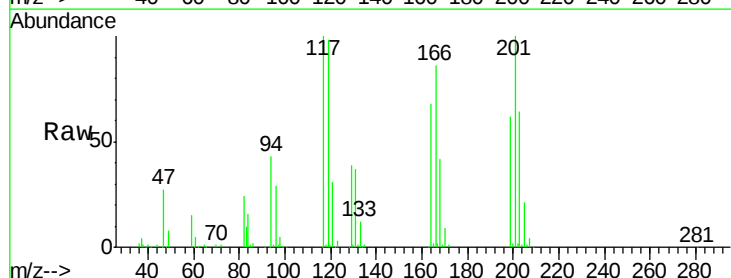
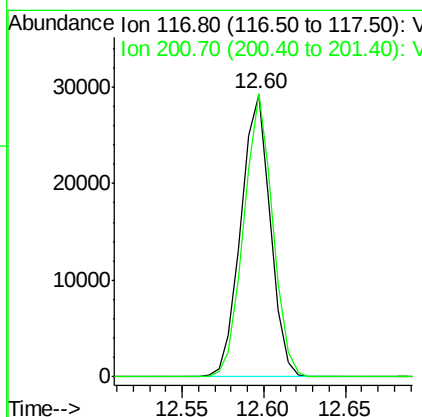
RT: 12.60 min Scan# 1877

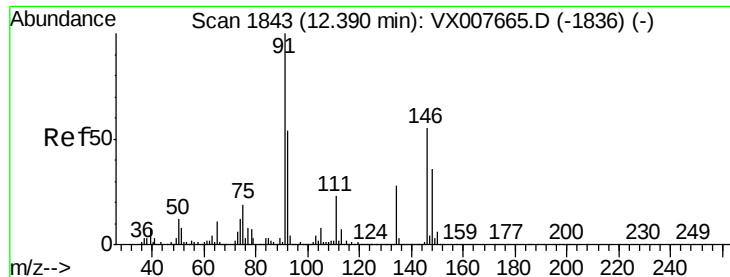
Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	117	Resp:	36819
Ion Ratio	Lower	Upper	
117	100		
201	98.2	44.9	134.7





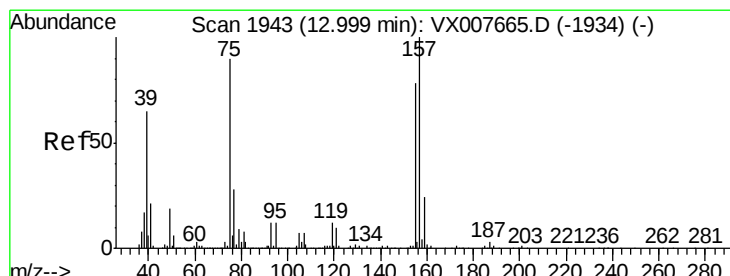
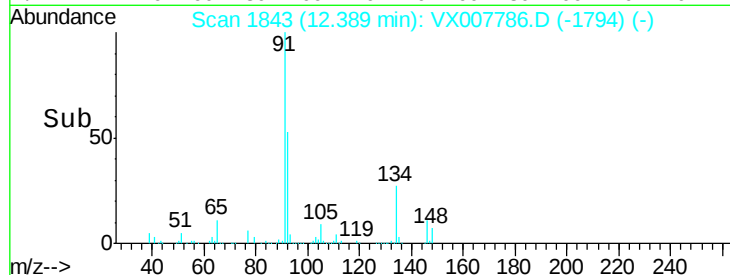
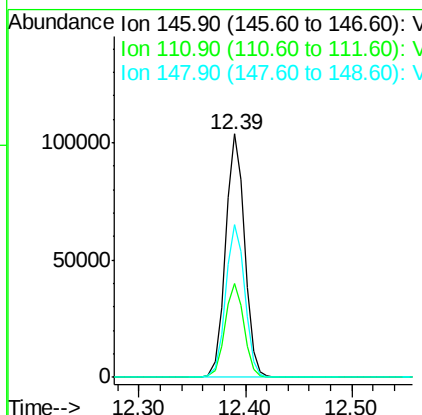
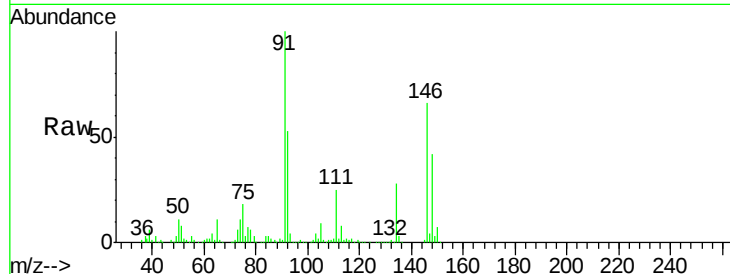
#91
 1,2-Dichlorobenzene
 Concen: 19.967 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX0301MBS01

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

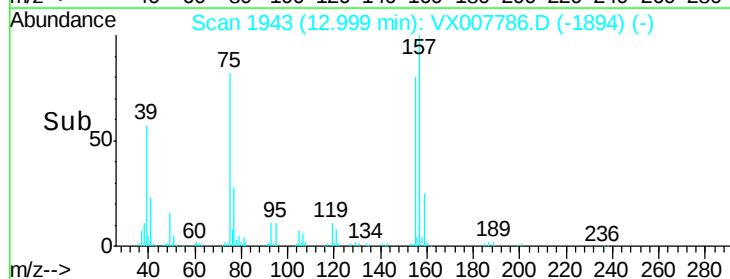
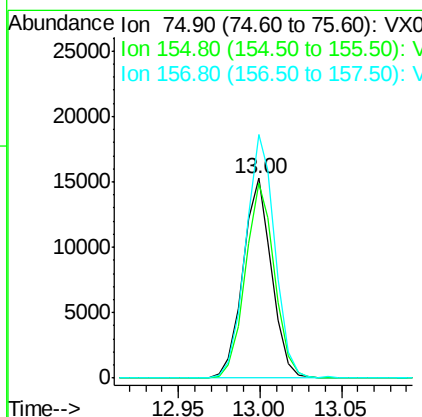
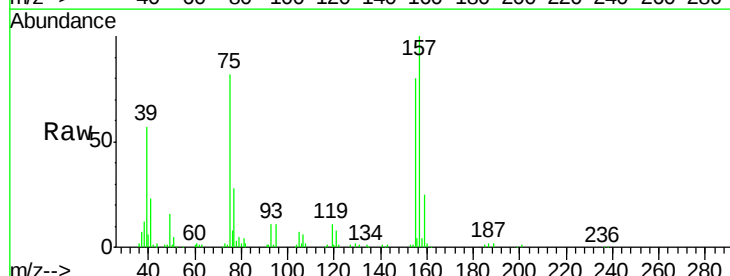
Manual Integrations
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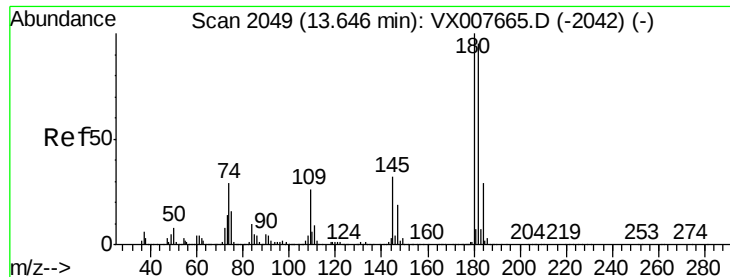
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.686 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	49.6	149.0
157	125.2	65.1	195.3





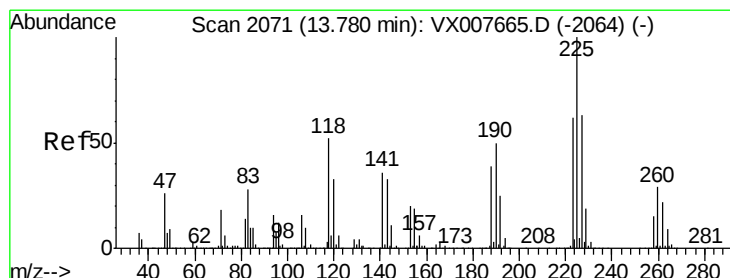
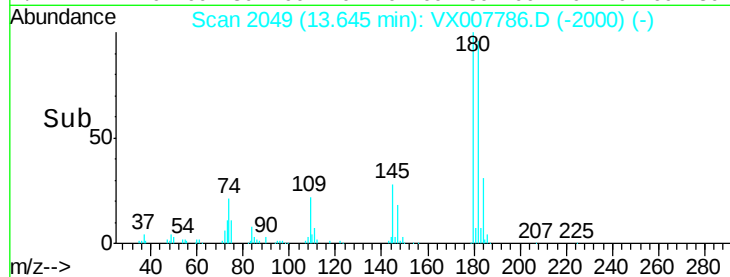
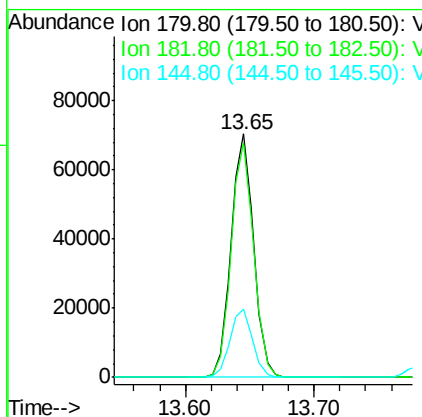
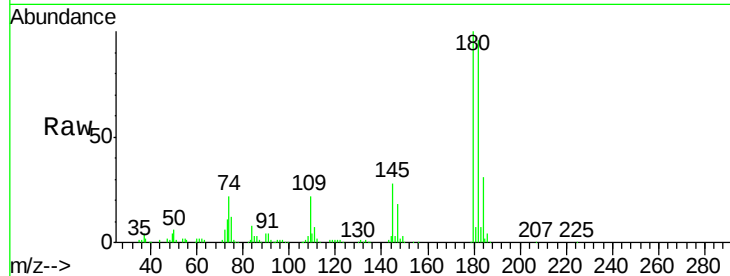
#93
 1,2,4-Trichlorobenzene
 Concen: 21.778 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	47.8	143.3	
145	28.0	14.1	42.2	

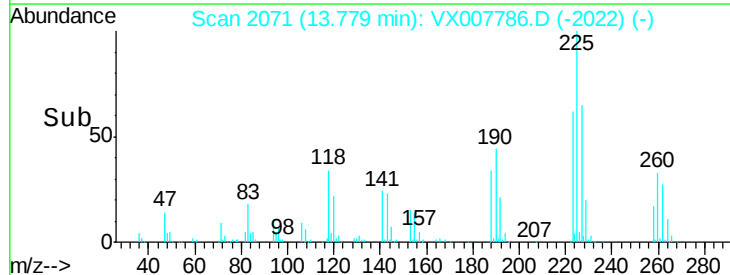
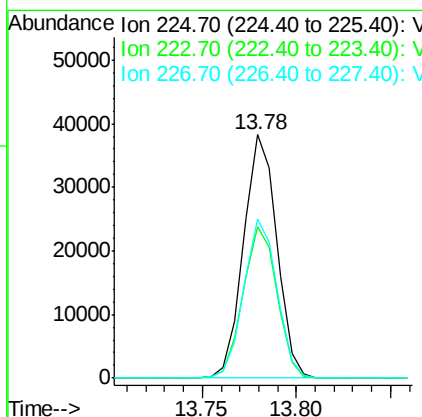
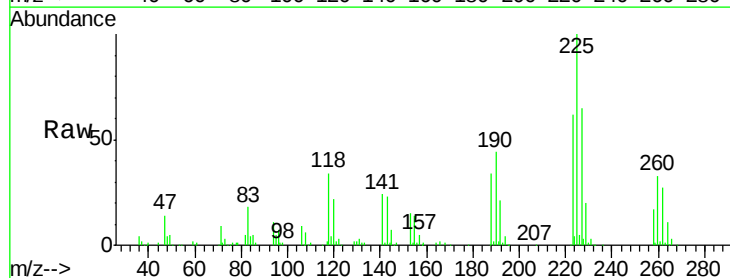
Manual Integrations
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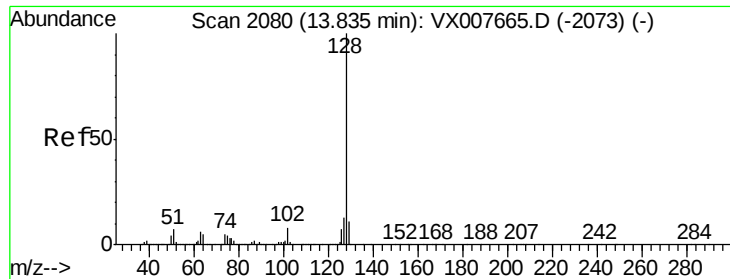
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#94
 Hexachlorobutadiene
 Concen: 25.803 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007786.D
 Acq: 01 Mar 2019 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.6	94.8	
227	65.3	32.1	96.3	





#95

Naphthalene

Concen: 20.233 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Instrument :

MSVOA_X

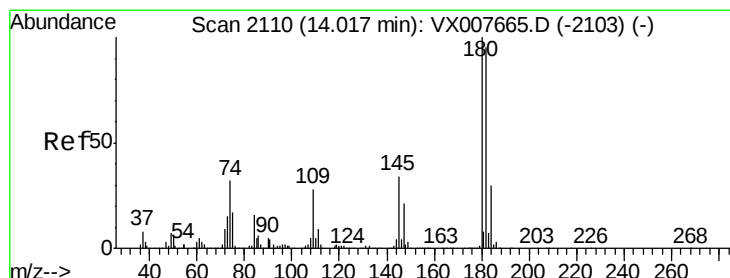
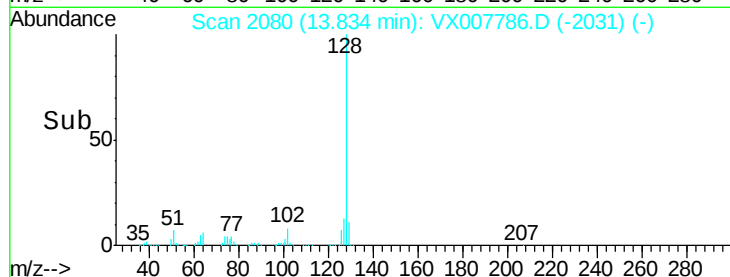
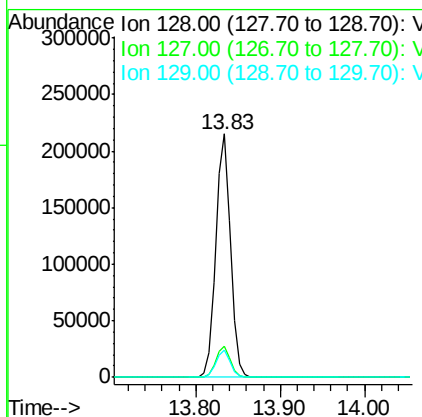
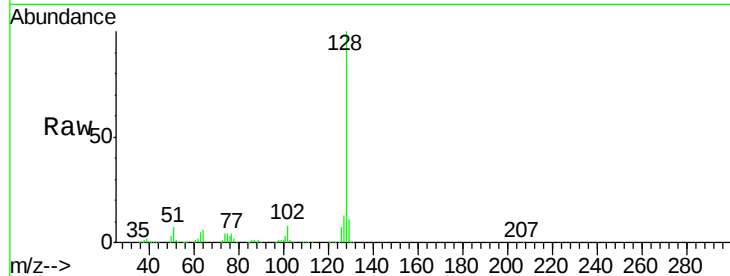
ClientSampleId :

VX0301MBS01

Tot Ion:	128	Resp:	260019
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/4/2019 1:36:06 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.926 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007786.D

Acq: 01 Mar 2019 13:40

Tgt Ion:	180	Resp:	87329
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.5	142.6
145	30.0	14.9	44.5

