

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022619\
 Data File : VX007722.D
 Acq On : 26 Feb 2019 19:06
 Operator : JC/SP
 Sample : VX0226WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 10:07:02 AM

Quant Time: Feb 27 00:47:01 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	311967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	498822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194070	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.51	113	171662	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.71	98	648851	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	226017	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57484	20.003	ug/l	100
3) Chloromethane	1.33	50	63218	19.851	ug/l	95
4) Vinyl Chloride	1.41	62	67691	20.718	ug/l	99
5) Bromomethane	1.64	94	46341	21.635	ug/l	99
6) Chloroethane	1.73	64	42952	20.577	ug/l	98
7) Trichlorofluoromethane	1.93	101	102513	20.467	ug/l	97
8) Diethyl Ether	2.19	74	40440	19.673	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58419	19.297	ug/l	93
10) Methyl Iodide	2.51	142	79926	21.203	ug/l	96
11) Tert butyl alcohol	3.07	59	73476	100.214	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	55933	20.497	ug/l	98
13) Acrolein	2.30	56	44820	68.793	ug/l	94
14) Allyl chloride	2.73	41	100083	19.835	ug/l	98
15) Acrylonitrile	3.15	53	179558	104.066	ug/l	100
16) Acetone	2.45	43	157656	91.743	ug/l	99
17) Carbon Disulfide	2.57	76	149571	19.701	ug/l	98
18) Methyl Acetate	2.78	43	77257	20.603	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	195867	20.612	ug/l	96
20) Methylene Chloride	2.85	84	65567	20.663	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	59806	20.160	ug/l	89
22) Diisopropyl ether	3.87	45	207387	19.744	ug/l	92
23) Vinyl Acetate	3.82	43	907344	98.459	ug/l	99
24) 1,1-Dichloroethane	3.70	63	115815	20.288	ug/l	100
25) 2-Butanone	4.70	43	258929	98.917	ug/l	100
26) 2,2-Dichloropropane	4.59	77	73695	16.173	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	75564	20.018	ug/l	99
28) Bromochloromethane	5.02	49	58221	20.950	ug/l	93
29) Tetrahydrofuran	5.15	42	169916	98.474	ug/l	99
30) Chloroform	5.22	83	122506	20.034	ug/l	95
31) Cyclohexane	5.57	56	102467	19.083	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	101748	20.120	ug/l	98
36) 1,1-Dichloropropene	5.80	75	88035	19.631	ug/l	99
37) Ethyl Acetate	4.85	43	98262	19.725	ug/l	98
38) Carbon Tetrachloride	5.78	117	90339	20.054	ug/l	94

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103766	18.308	ug/l	95
40) Benzene	6.14	78	279770	20.209	ug/l	99
41) Methacrylonitrile	5.06	41	54083	20.331	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93347	20.062	ug/l	96
43) Isopropyl Acetate	6.46	43	149475	19.496	ug/l	100
44) Trichloroethene	7.21	130	76334	20.044	ug/l	97
45) 1,2-Dichloropropane	7.51	63	71213	19.858	ug/l	97
46) Dibromomethane	7.66	93	48858	19.529	ug/l	94
47) Bromodichloromethane	7.90	83	89167	20.567	ug/l	99
48) Methyl methacrylate	7.77	41	77907	19.385	ug/l	100
49) 1,4-Dioxane	7.75	88	34358	395.820	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	527317	102.748	ug/l	99
52) Toluene	8.78	92	177289	20.309	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	88383	18.281	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	100369	19.077	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	75348	20.698	ug/l	98
56) Ethyl methacrylate	9.18	69	103959	20.082	ug/l	99
57) 1,3-Dichloropropane	9.37	76	121122	20.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	294706	103.235	ug/l	98
59) 2-Hexanone	9.49	43	403598	100.168	ug/l	100
60) Dibromochloromethane	9.58	129	71165	20.317	ug/l	99
61) 1,2-Dibromoethane	9.67	107	77290	20.450	ug/l	99
64) Tetrachloroethene	9.34	164	72985	19.659	ug/l	96
65) Chlorobenzene	10.14	112	195556	19.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	69388	20.112	ug/l	98
67) Ethyl Benzene	10.25	91	322822	19.703	ug/l	100
68) m/p-Xylenes	10.36	106	250864	39.357	ug/l	98
69) o-Xylene	10.69	106	121993	19.897	ug/l	97
70) Styrene	10.71	104	199867	19.832	ug/l	99
71) Bromoform	10.85	173	48342	18.685	ug/l #	98
73) Isopropylbenzene	11.02	105	325497	20.707	ug/l	100
74) N-amyl acetate	10.90	43	136754	20.034	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	111932	20.588	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	105690m	22.544	ug/l	
77) Bromobenzene	11.26	156	83724	21.235	ug/l	93
78) n-propylbenzene	11.36	91	363882	20.485	ug/l	98
79) 2-Chlorotoluene	11.42	91	215101	20.111	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	267385	20.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27098	17.566	ug/l	93
82) 4-Chlorotoluene	11.51	91	250290	20.004	ug/l	97
83) tert-Butylbenzene	11.77	119	254918	20.534	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	272508	20.604	ug/l	98
85) sec-Butylbenzene	11.94	105	320208	20.583	ug/l	99
86) p-Isopropyltoluene	12.06	119	273726	20.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	151022	20.650	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	148579	19.837	ug/l	96
89) n-Butylbenzene	12.38	91	229855	18.918	ug/l	99
90) Hexachloroethane	12.60	117	46132	20.096	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	150906	20.623	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22358	18.874	ug/l	90

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

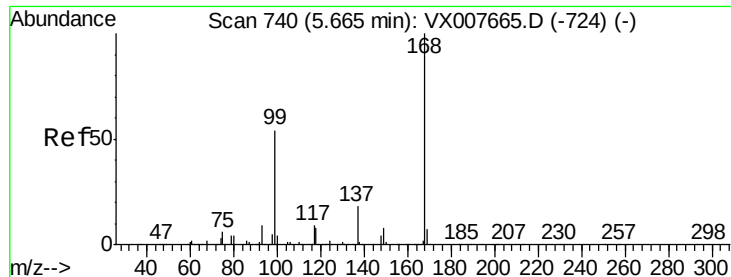
Manual Integrations
APPROVED

MMDadoda
2/27/2019 10:07:02 AM

Quant Time: Feb 27 00:47:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88405	19.792	ug/l	99
94) Hexachlorobutadiene	13.78	225	40852	19.992	ug/l	97
95) Naphthalene	13.83	128	298323	20.615	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92363	20.594	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion:168 Resp: 311967

Ion Ratio Lower Upper

168 100

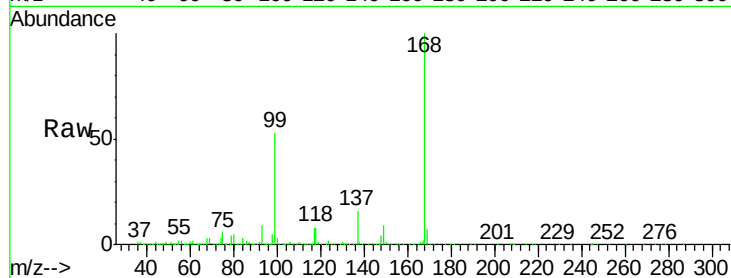
99 53.2 37.9 56.9

Manual Integrations

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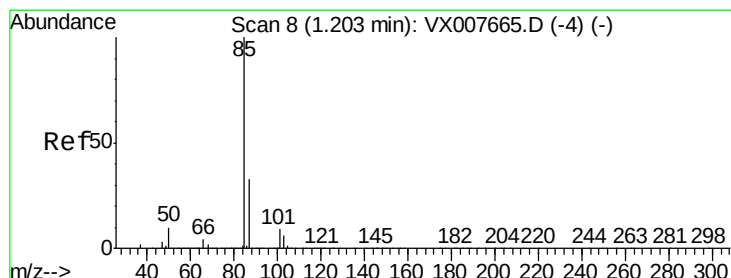
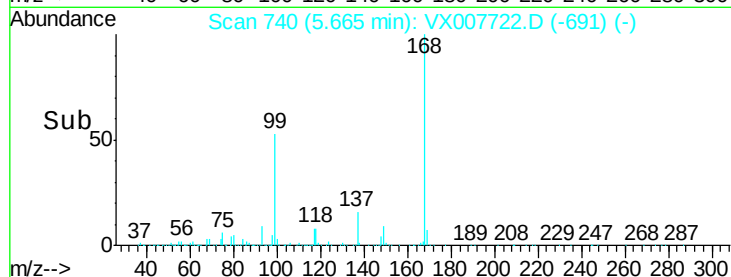
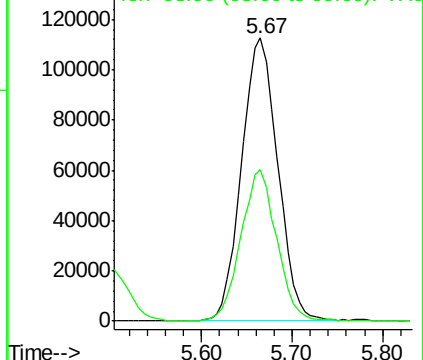
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.003 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007722.D

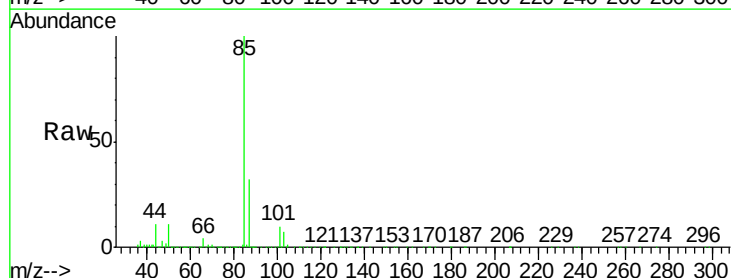
Acq: 26 Feb 2019 19:06

Tgt Ion: 85 Resp: 57484

Ion Ratio Lower Upper

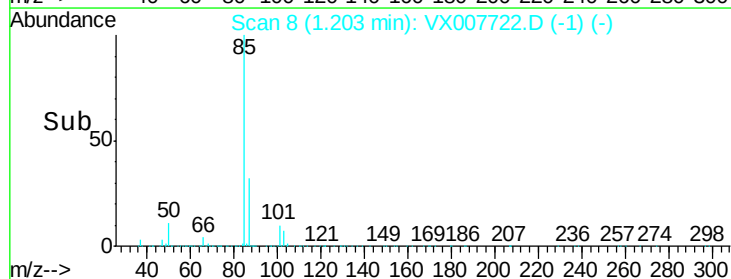
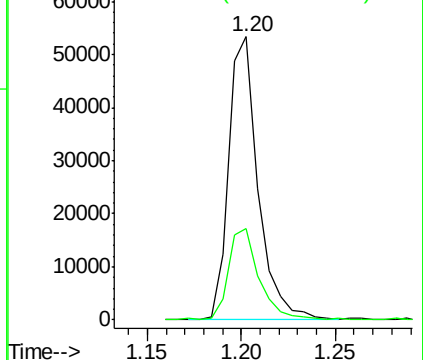
85 100

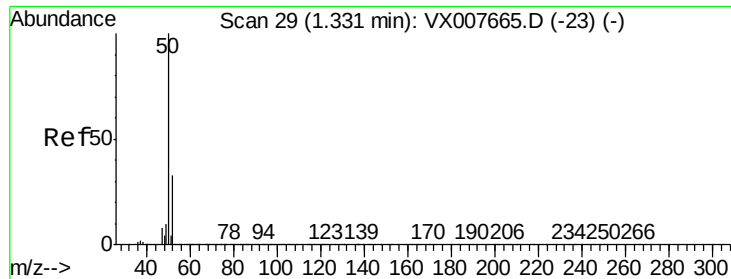
87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.851 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampled :

VX0226WBSD01

Tot Ion: 50 Resp: 63218

Ion Ratio Lower Upper

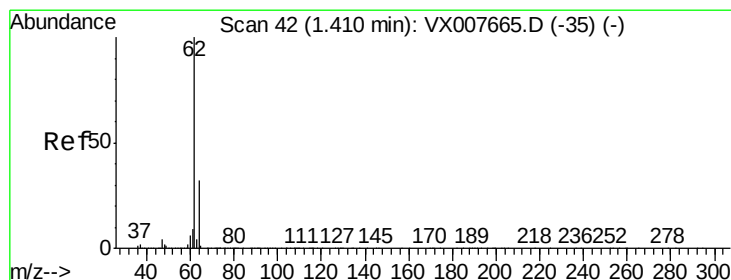
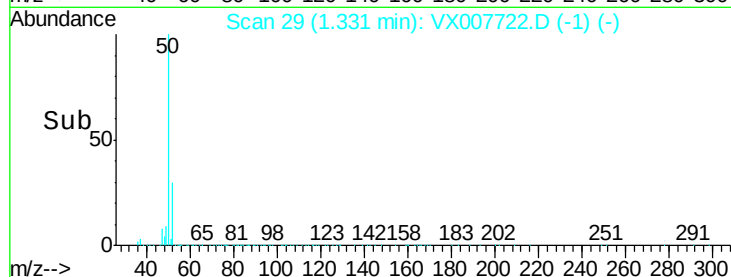
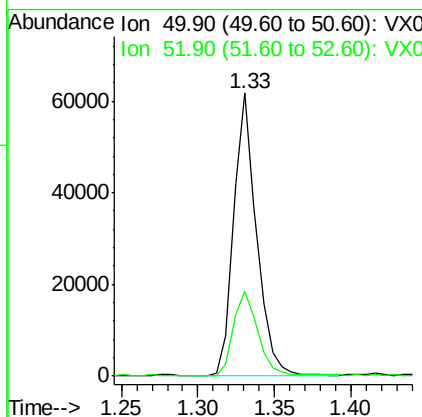
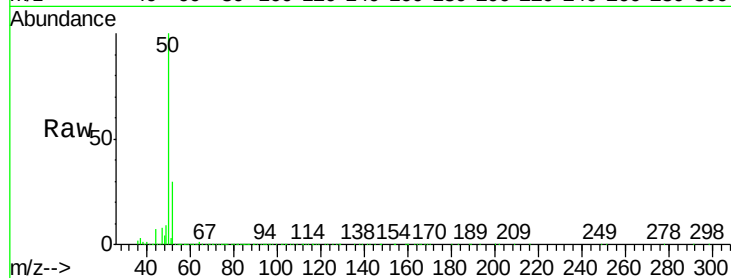
50 100

52 30.0 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.718 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007722.D

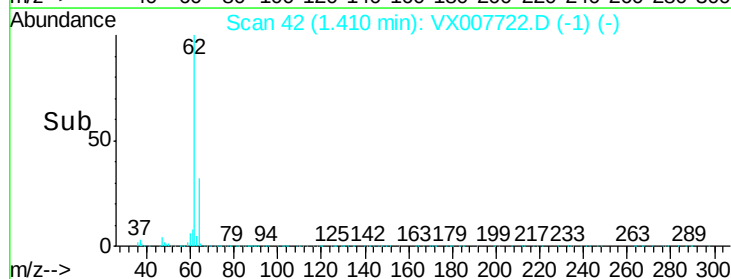
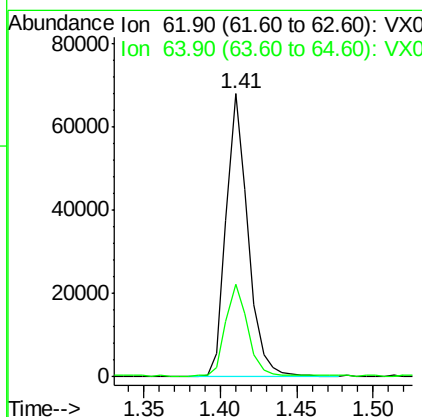
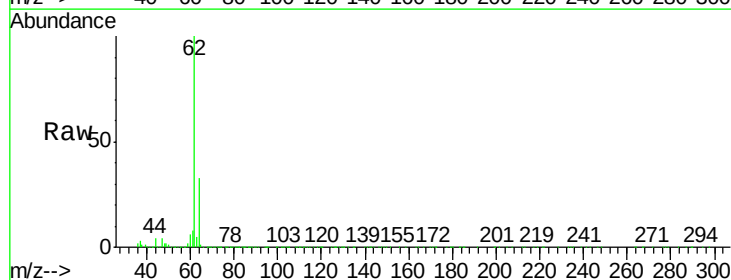
Acq: 26 Feb 2019 19:06

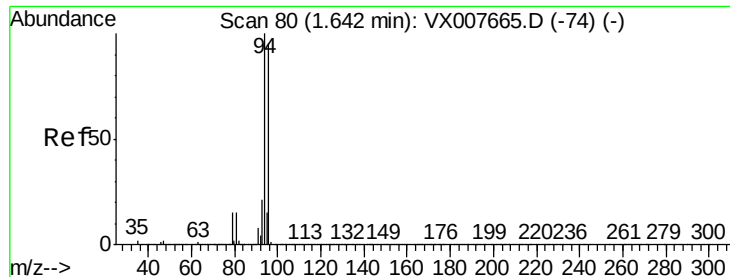
Tgt Ion: 62 Resp: 67691

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 21.635 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion: 94 Resp: 46341

Ion Ratio Lower Upper

94 100

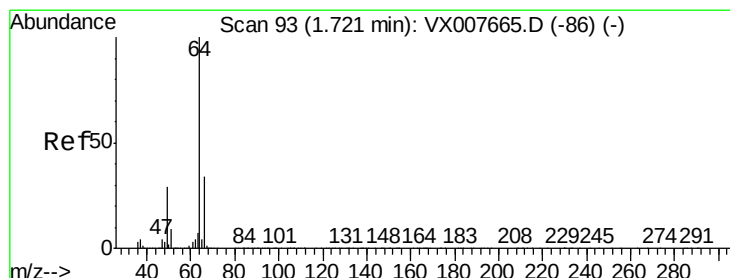
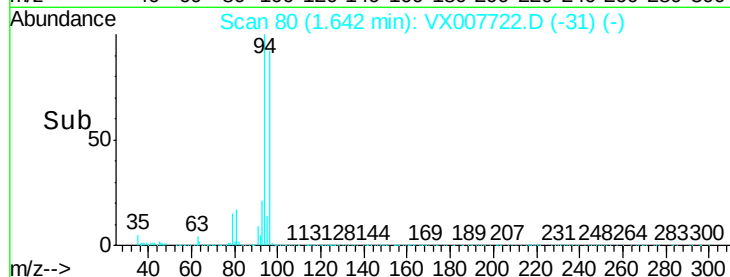
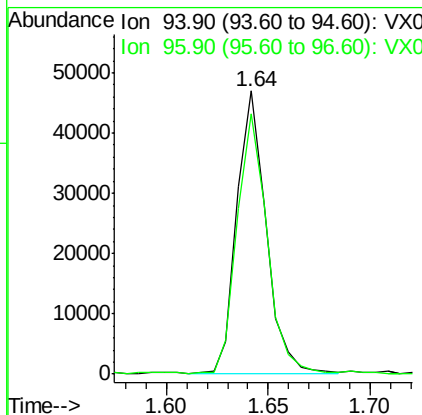
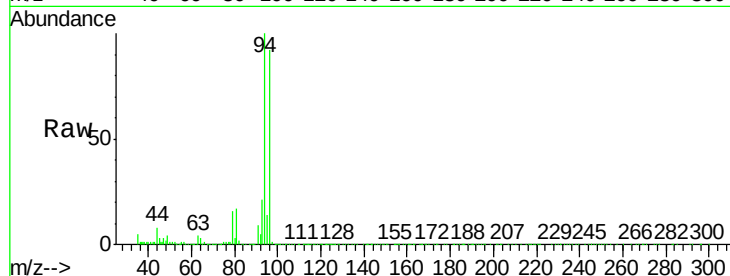
96 91.8 73.9 110.9

Manual Integrations

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2/27/2019 10:07:02 AM



#6

Chloroethane

Concen: 20.577 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007722.D

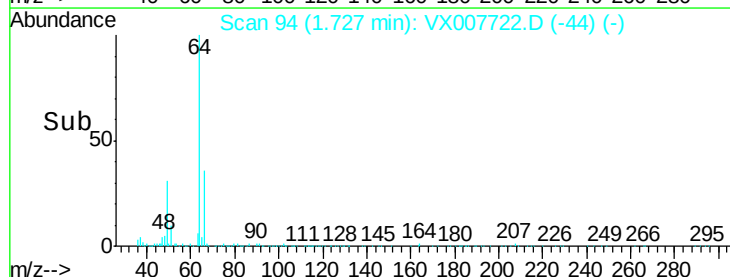
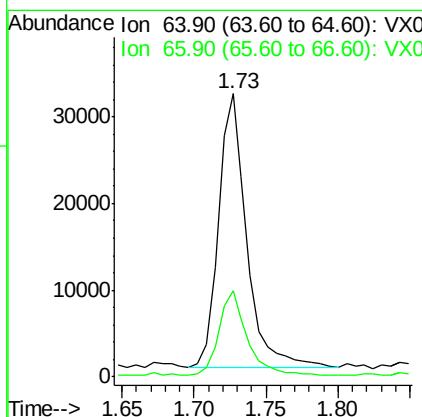
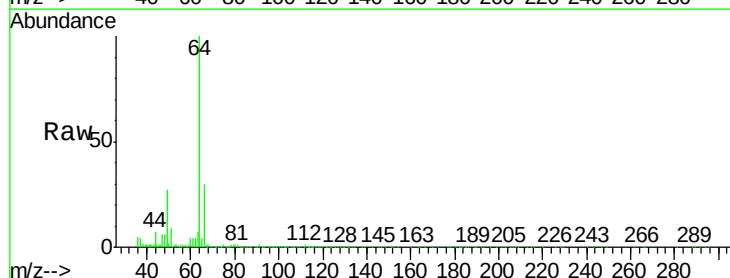
Acq: 26 Feb 2019 19:06

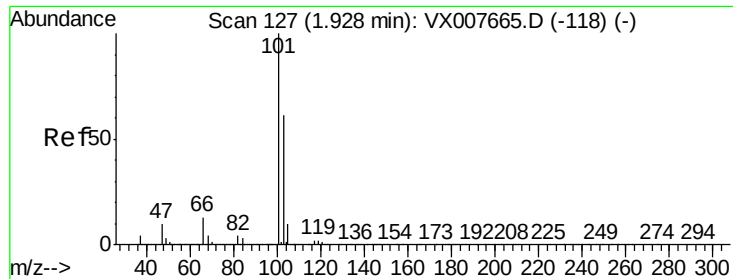
Tgt Ion: 64 Resp: 42952

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3





#7

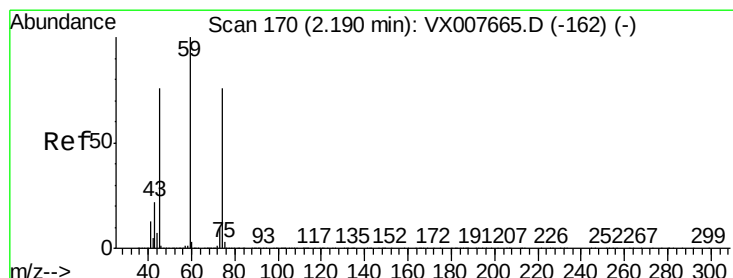
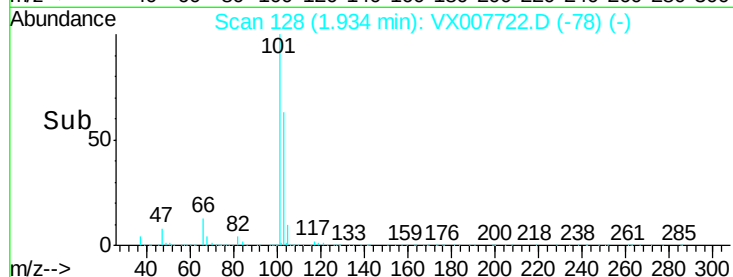
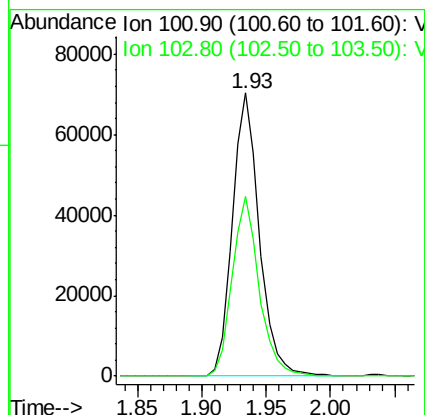
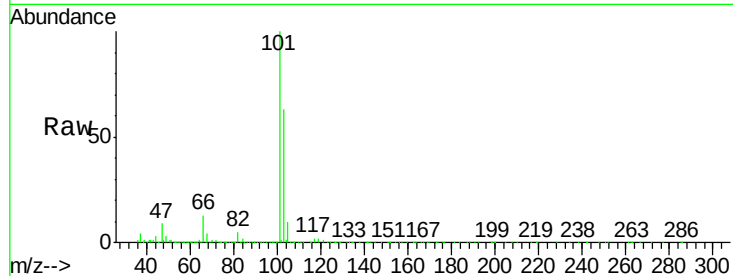
Trichlorofluoromethane
Concen: 20.467 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.6	79.0

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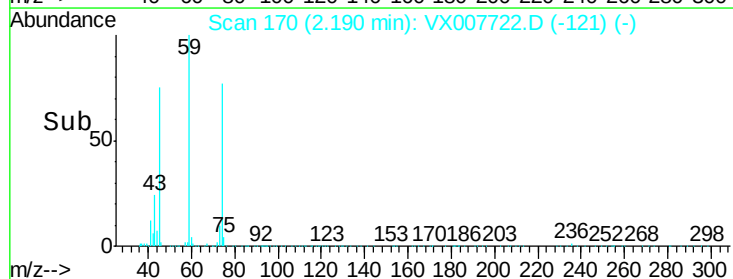
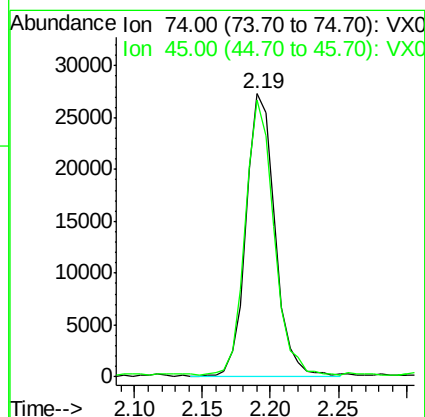
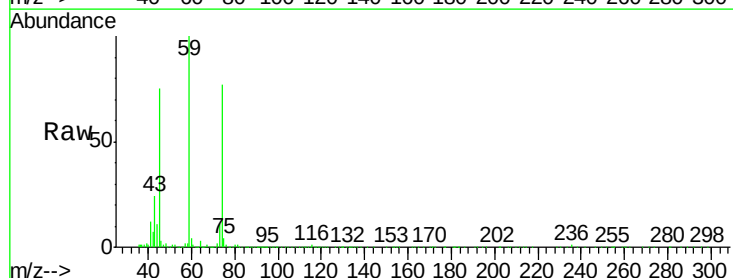
MMDadoda
2/27/2019 10:07:02 AM

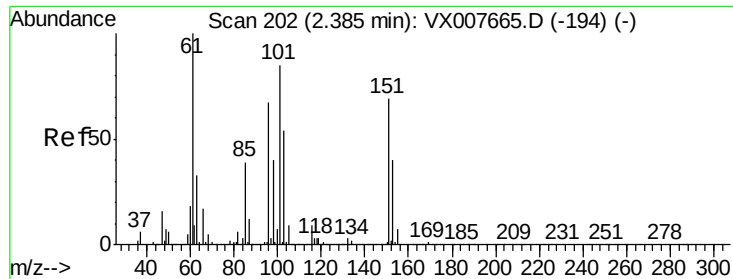


#8

Diethyl Ether
Concen: 19.673 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.297 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

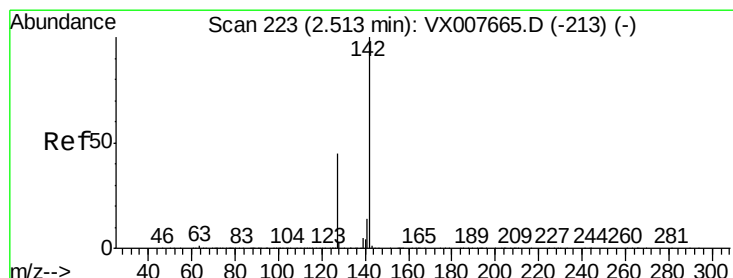
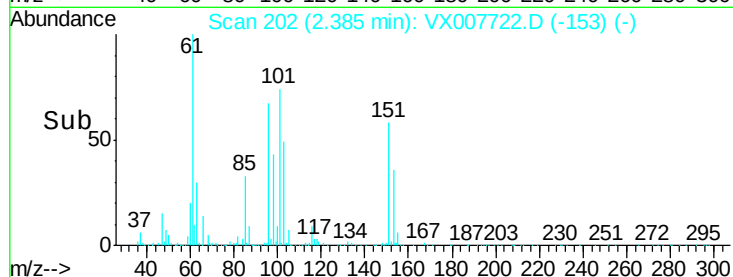
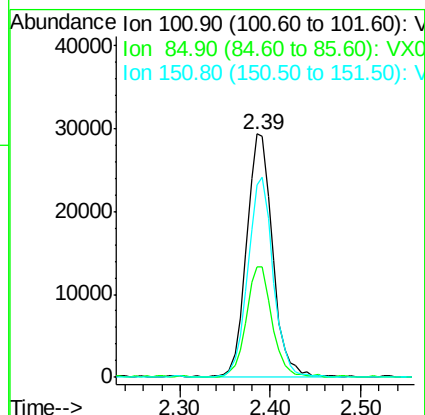
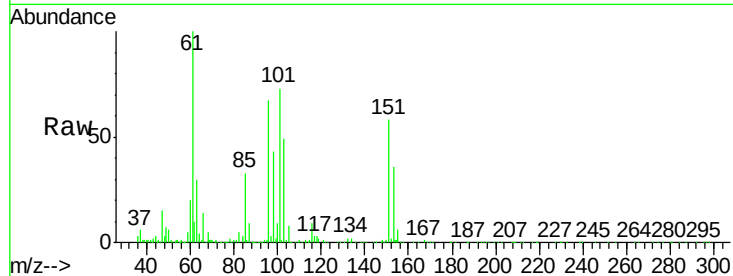
ClientSampleId :

VX0226WBSD01

Tot Ion:	101	Resp:	58419
Ion Ratio	Lower	Upper	
101	100		
85	45.3	34.1	51.1
151	79.8	69.9	104.9

Manual Integrations
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2/27/2019 10:07:02 AM



#10

Methyl Iodide

Concen: 21.203 ug/l

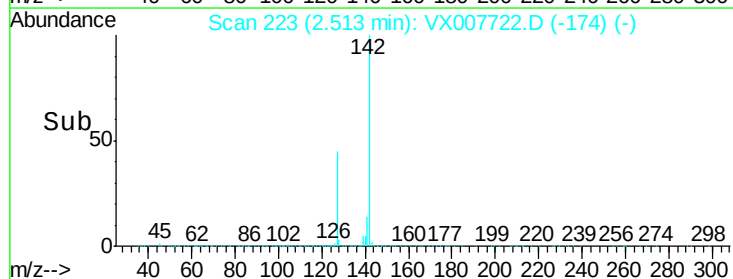
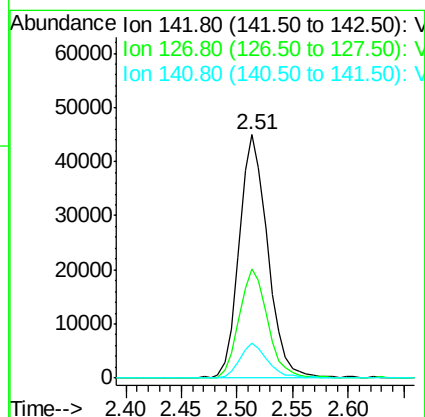
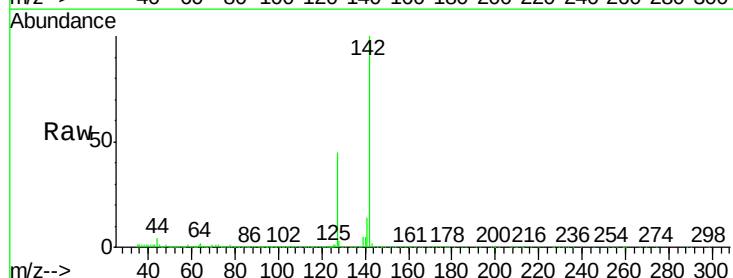
RT: 2.51 min Scan# 223

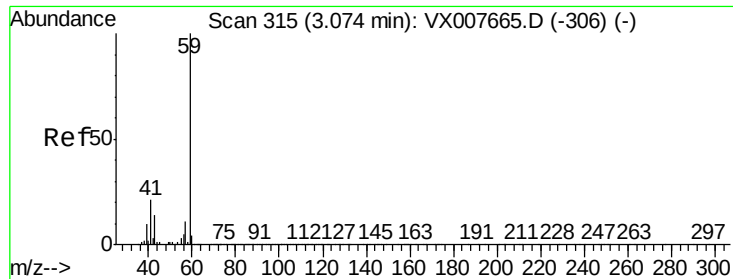
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	142	Resp:	79926
Ion Ratio	Lower	Upper	
142	100		
127	45.0	33.7	50.5
141	14.5	11.3	16.9





#11

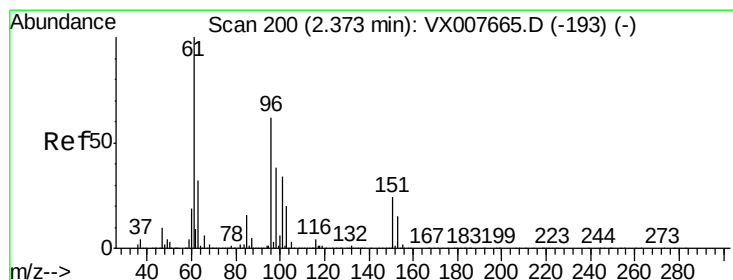
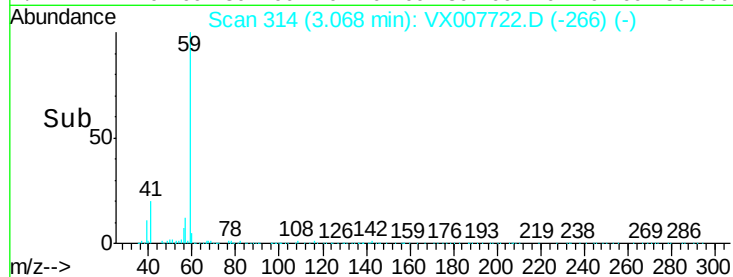
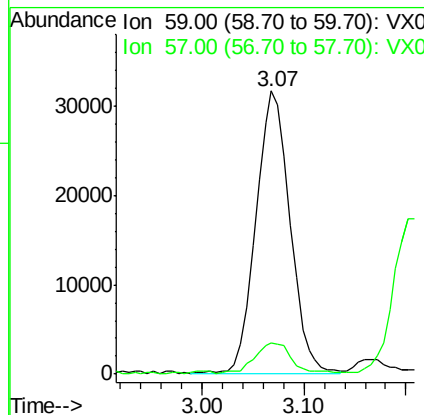
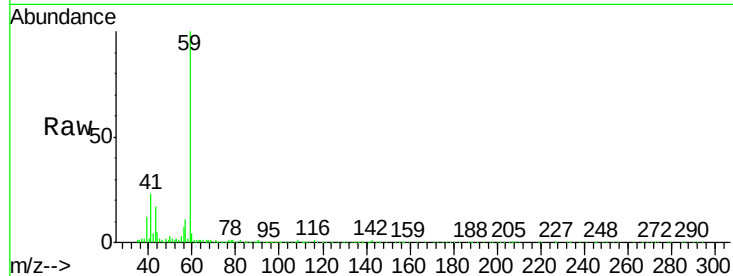
Tert butyl alcohol
Concen: 100.214 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampled :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.3	8.1	12.1#

Manual Integrations
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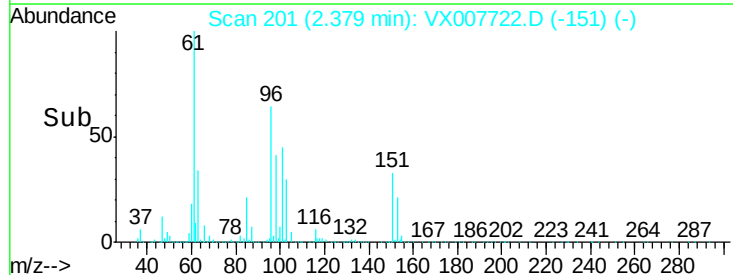
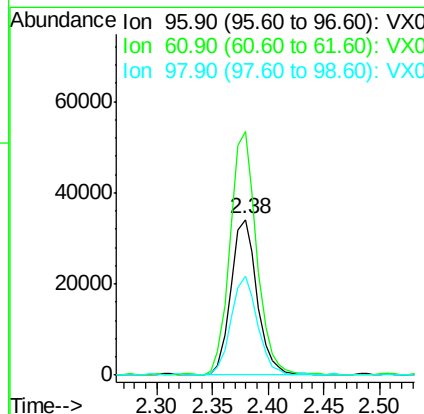
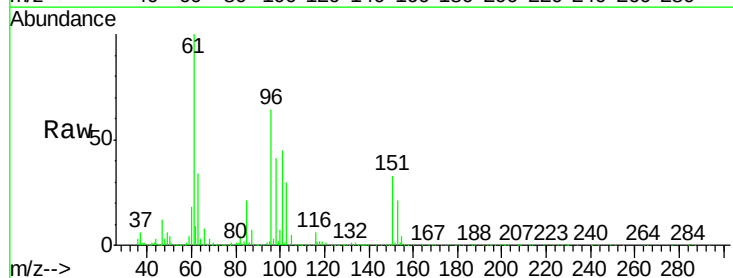
MMDadoda
2/27/2019 10:07:02 AM

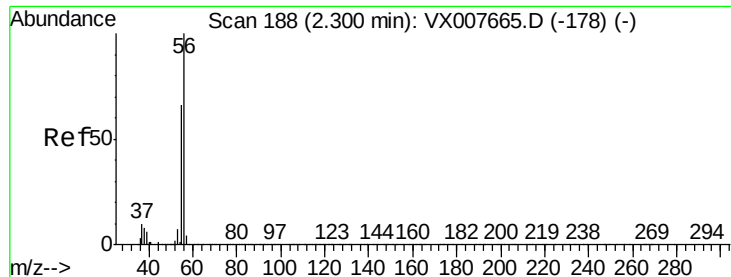


#12

1,1-Dichloroethene
Concen: 20.497 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	123.0	184.4
98	63.9	50.9	76.3





#13

Acrolein

Concen: 68.793 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion: 56 Resp: 44820

Ion Ratio Lower Upper

56 100

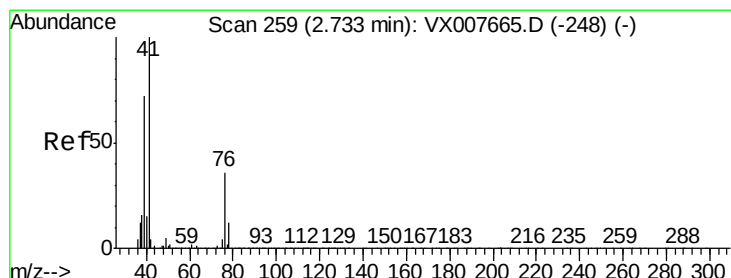
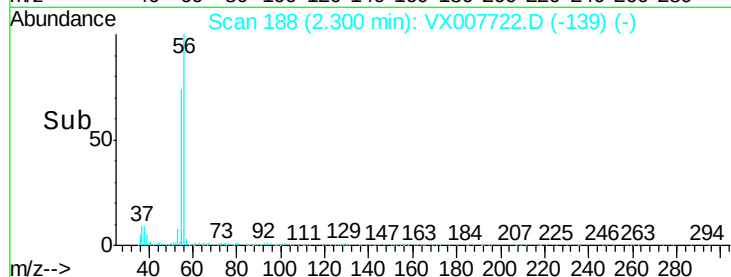
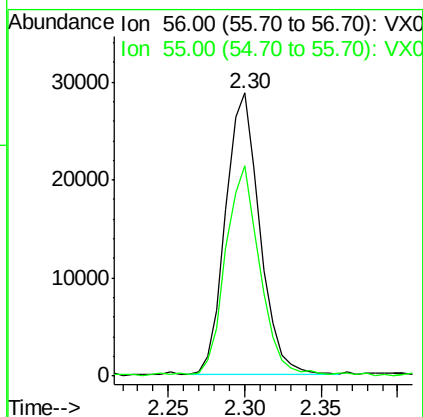
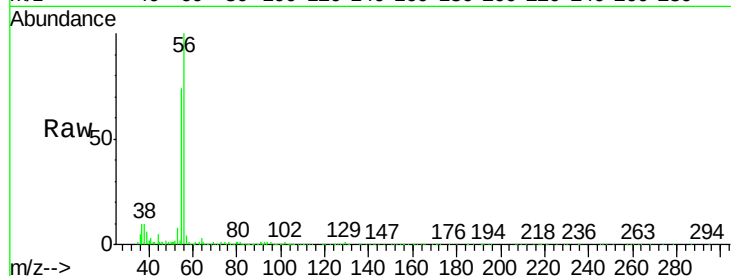
55 76.1 56.9 85.3

Manual Integrations

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2/27/2019 10:07:02 AM



#14

Allyl chloride

Concen: 19.835 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

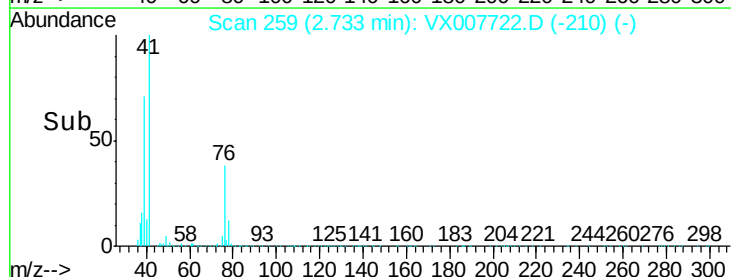
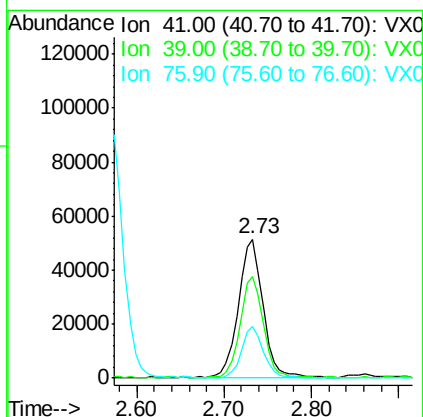
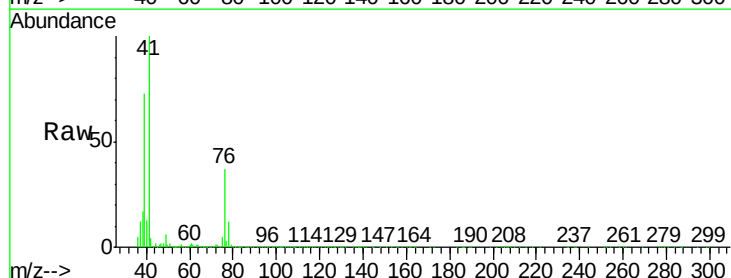
Tgt Ion: 41 Resp: 100083

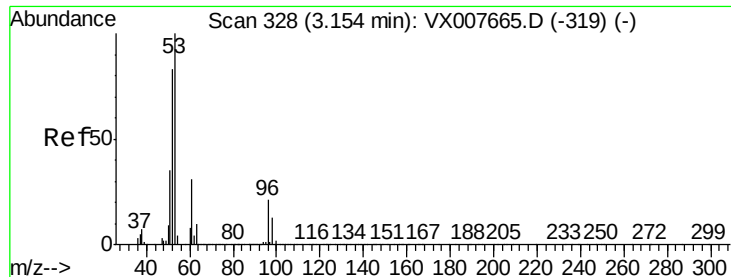
Ion Ratio Lower Upper

41 100

39 69.2 54.1 81.1

76 33.1 27.8 41.8





#15

Acrylonitrile

Concen: 104.066 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

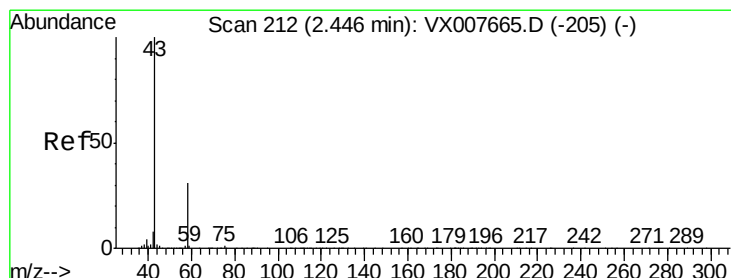
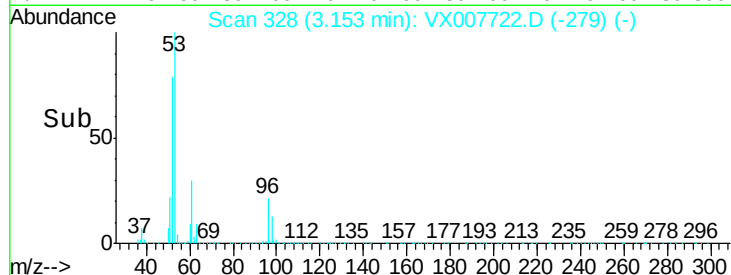
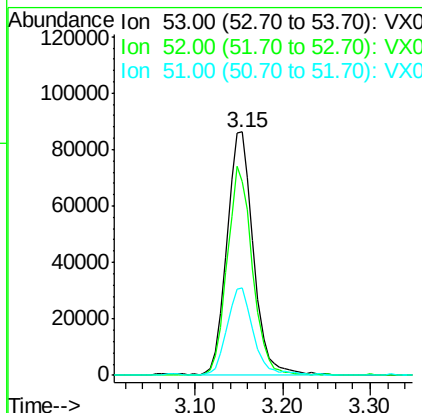
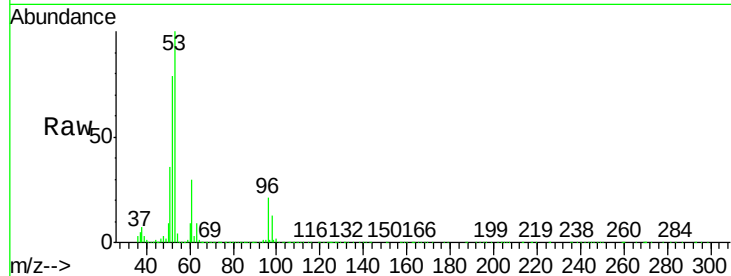
ClientSampleId :

VX0226WBSD01

Tot Ion:	53	Resp:	179558
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	35.5	28.4	42.6

Manual Integrations
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2/27/2019 10:07:02 AM



#16

Acetone

Concen: 91.743 ug/l

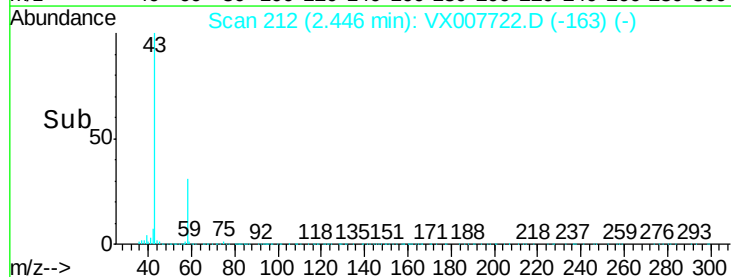
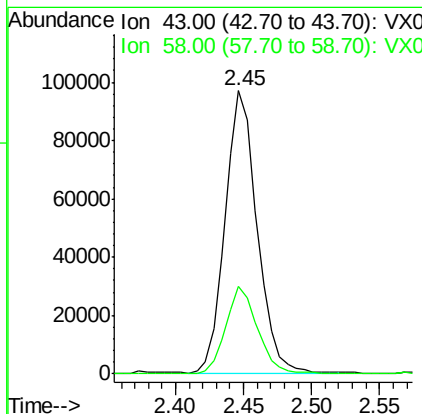
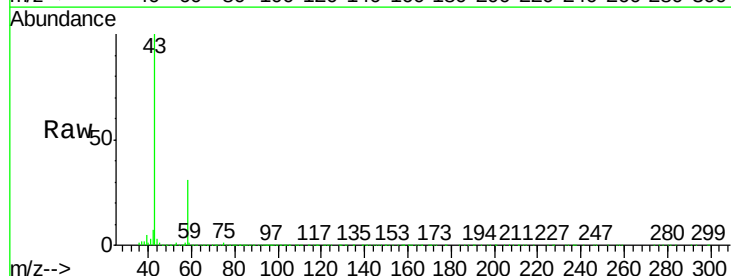
RT: 2.45 min Scan# 212

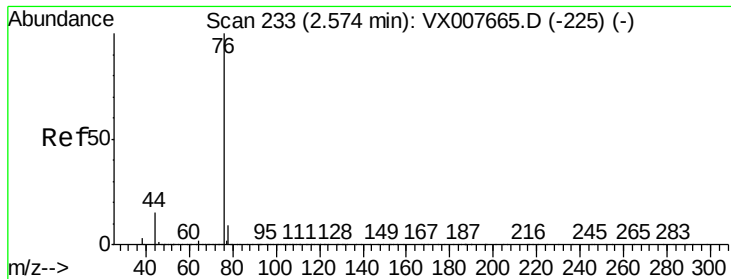
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	43	Resp:	157656
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.9	37.3





#17

Carbon Disulfide

Concen: 19.701 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion: 76 Resp: 149571

Ion Ratio Lower Upper

76 100

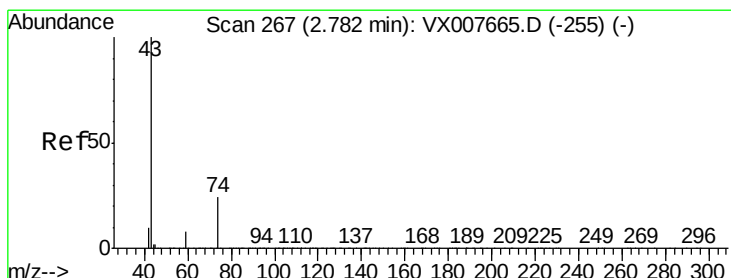
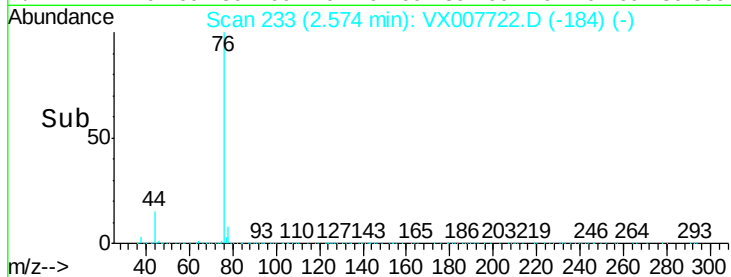
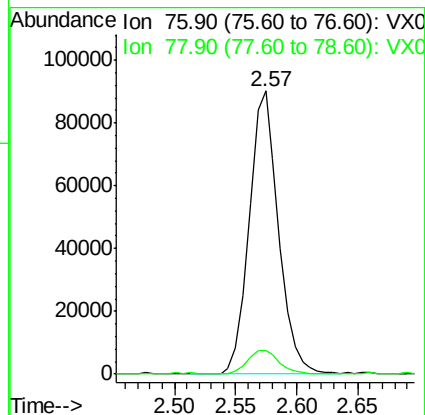
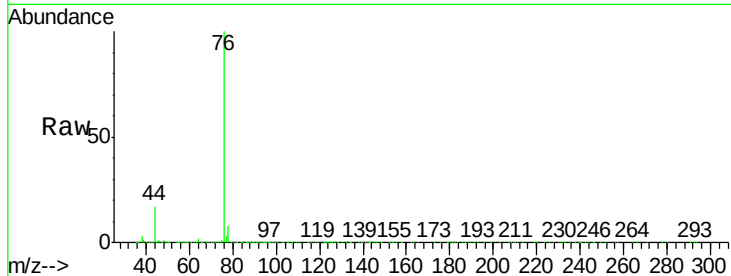
78 8.2 7.1 10.7

Manual Integrations

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2/27/2019 10:07:02 AM



#18

Methyl Acetate

Concen: 20.603 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007722.D

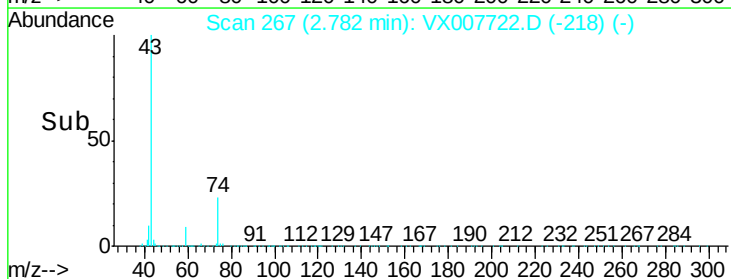
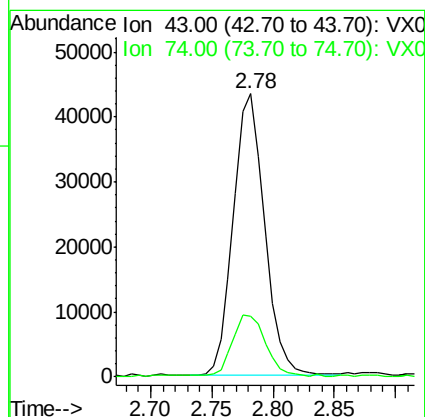
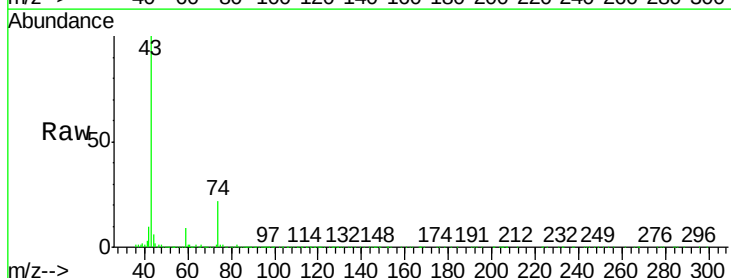
Acq: 26 Feb 2019 19:06

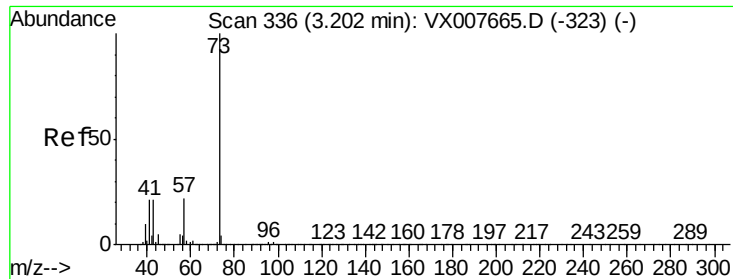
Tgt Ion: 43 Resp: 77257

Ion Ratio Lower Upper

43 100

74 23.2 19.4 29.2





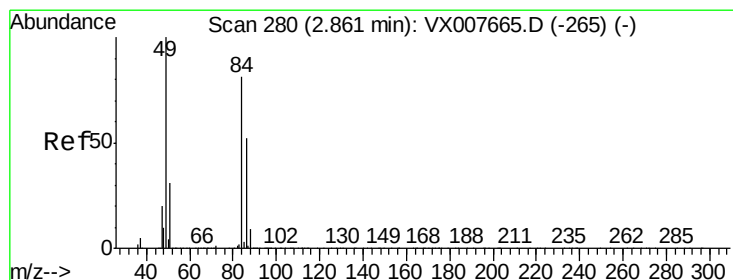
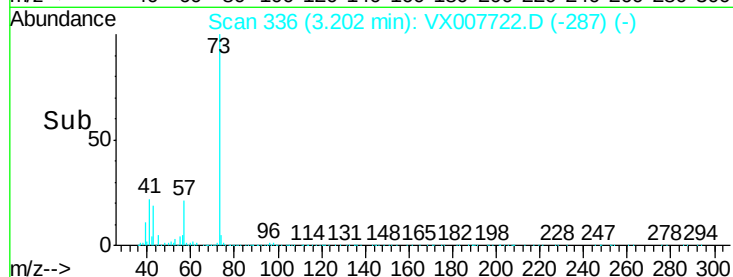
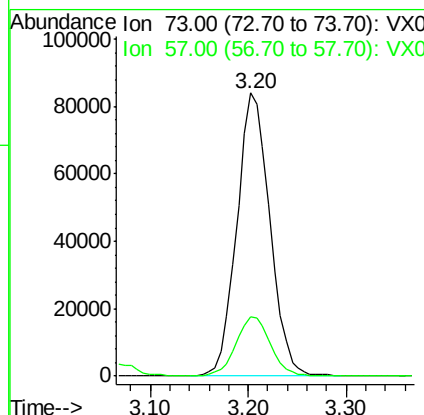
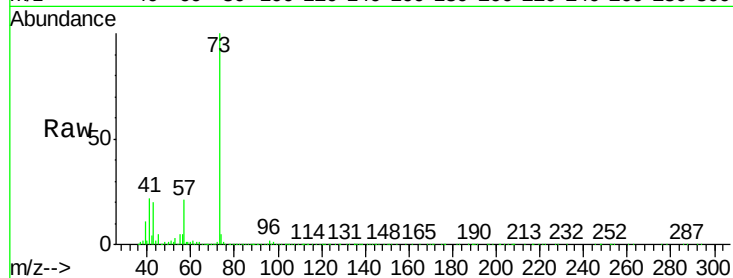
#19
Methyl tert-butyl Ether
Concen: 20.612 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.8	26.8

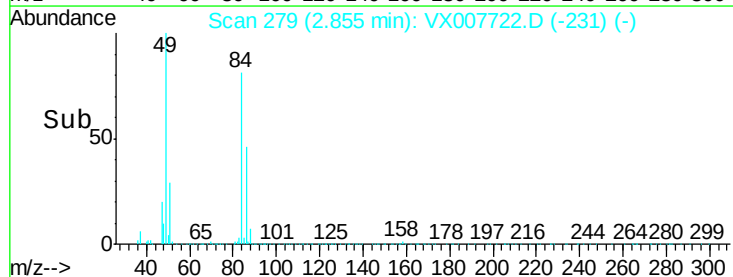
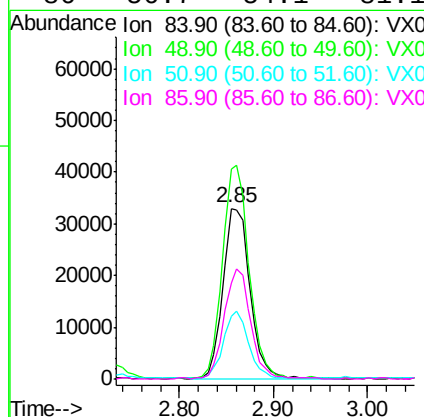
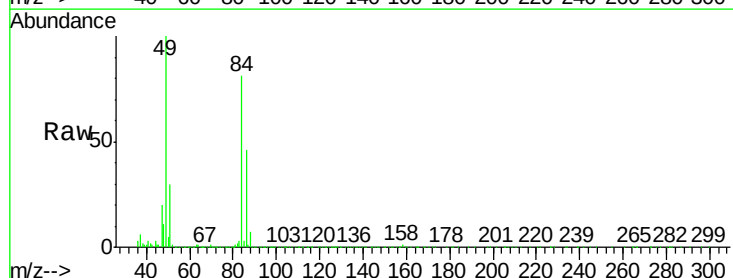
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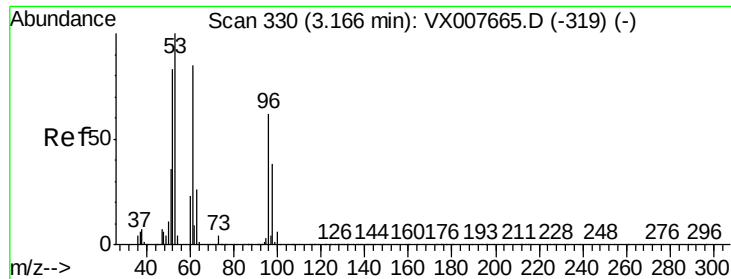
MMDadoda
2/27/2019 10:07:02 AM



#20
Methylene Chloride
Concen: 20.663 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	94.8	142.2
51	35.7	29.8	44.8
86	56.7	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 20.160 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

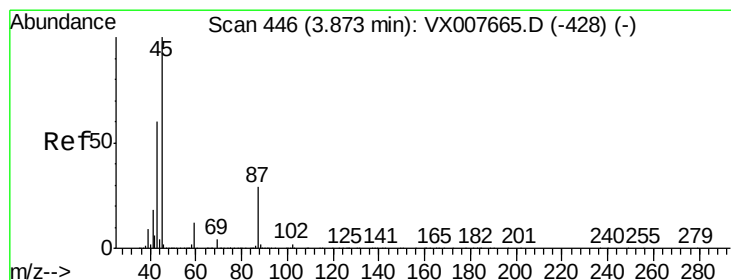
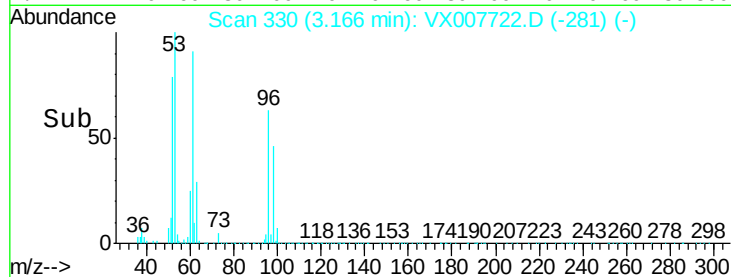
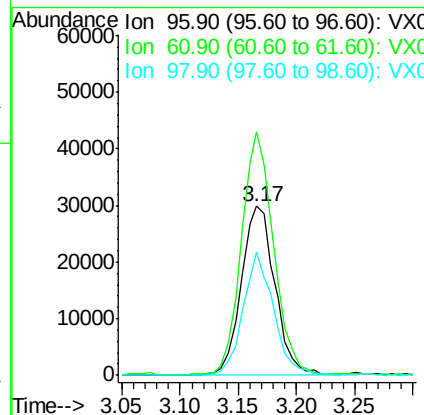
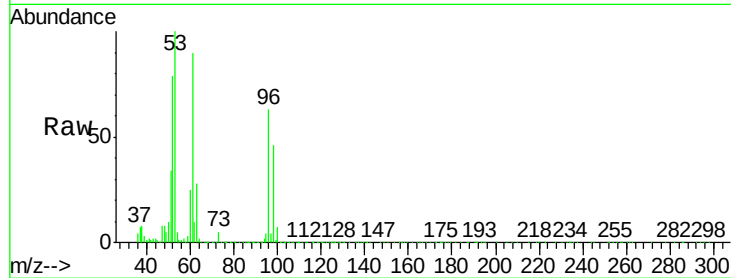
ClientSampleId :

VX0226WBSD01

Tot Ion:	96	Resp:	59806
Ion Ratio	Lower	Upper	
96	100		
61	143.6	104.6	156.8
98	72.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.744 ug/l

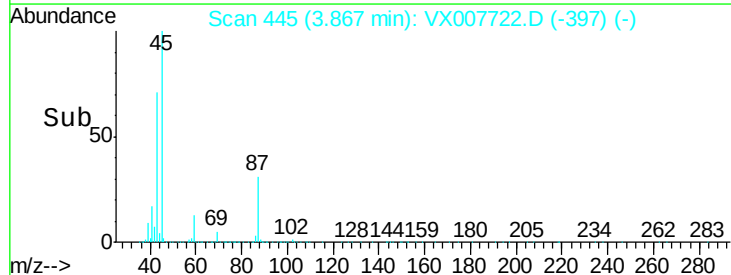
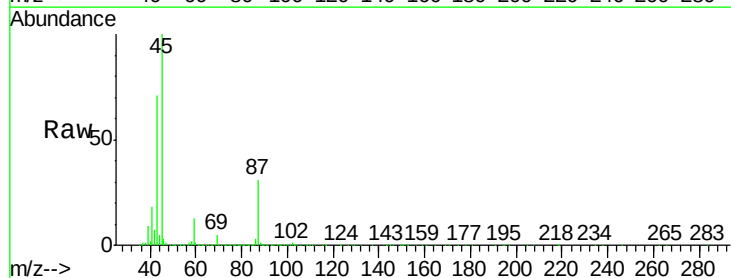
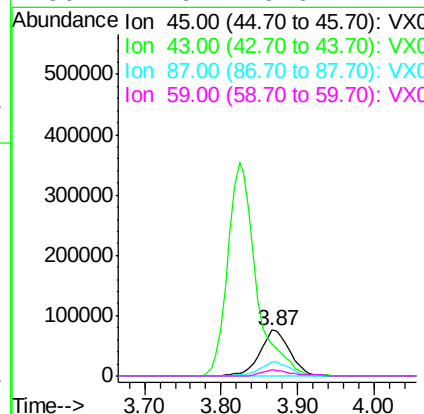
RT: 3.87 min Scan# 446

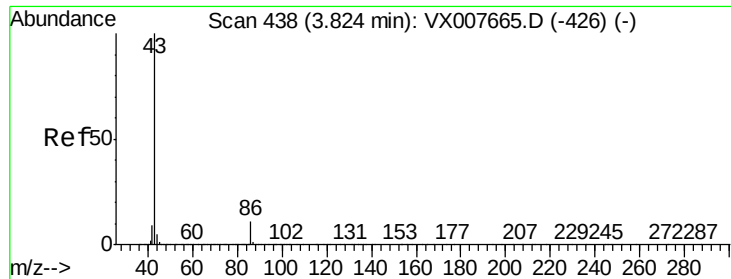
Delta R.T. -0.01 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	45	Resp:	207387
Ion Ratio	Lower	Upper	
45	100		
43	70.5	48.9	73.3
87	30.7	23.9	35.9
59	12.5	9.6	14.4





#23

Vinyl Acetate

Concen: 98.459 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion: 43 Resp: 907344

Ion Ratio Lower Upper

43 100

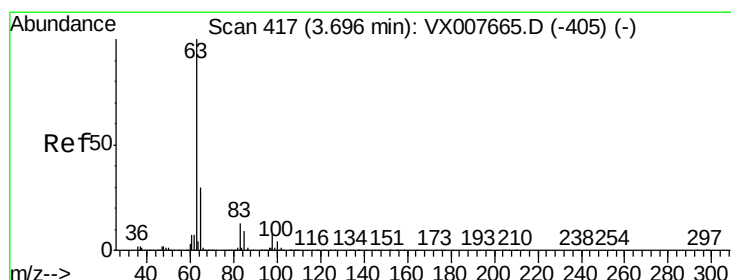
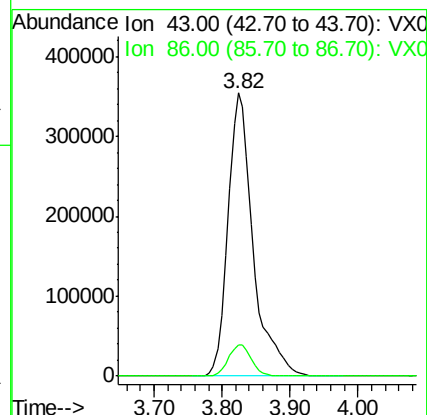
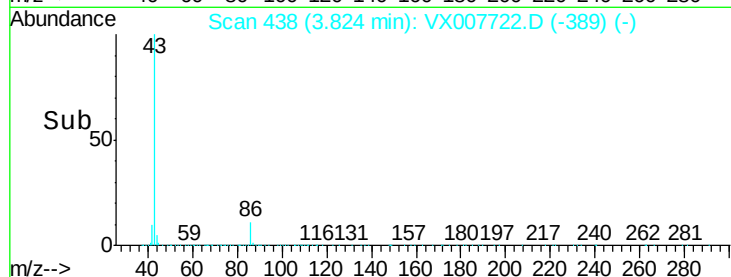
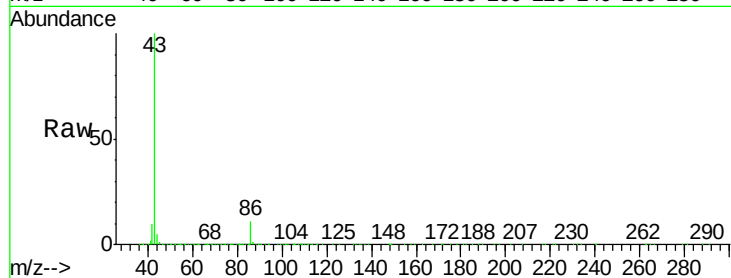
86 11.2 8.7 13.1

Manual Integrations

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MMDadoda

2/27/2019 10:07:02 AM



#24

1,1-Dichloroethane

Concen: 20.288 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

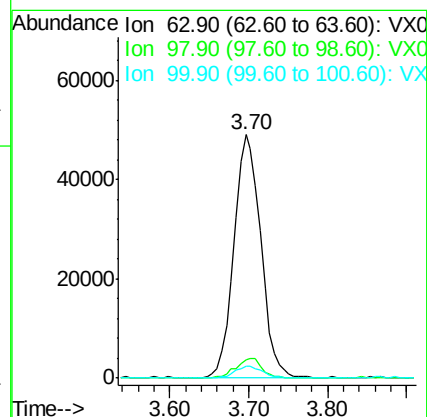
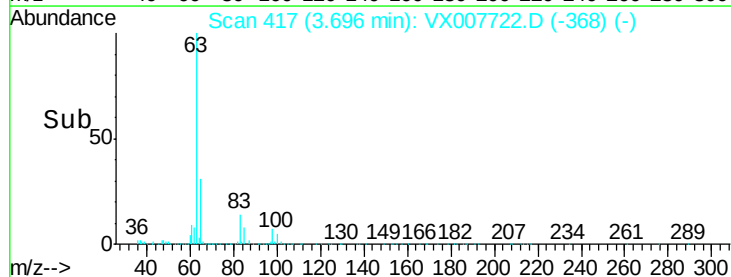
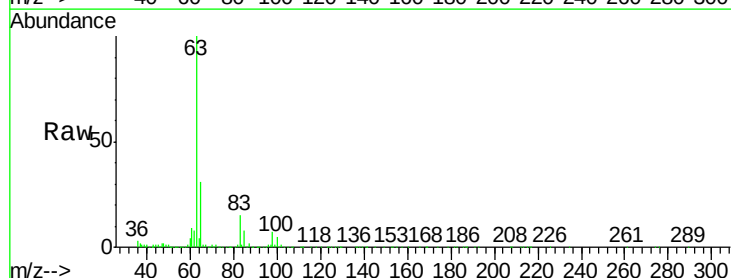
Tgt Ion: 63 Resp: 115815

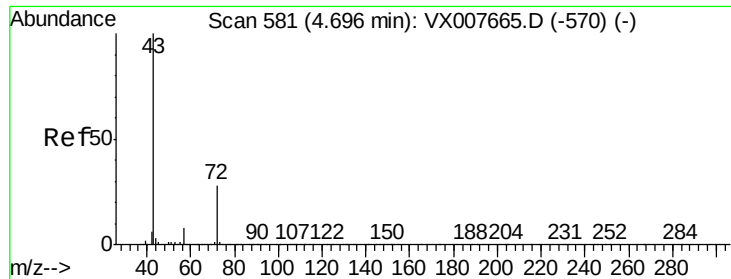
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 98.917 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion: 43 Resp: 258929

Ion Ratio Lower Upper

43 100

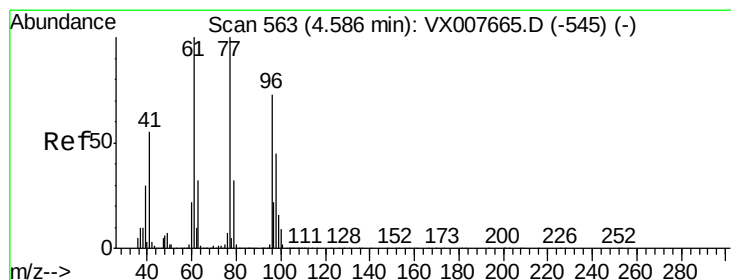
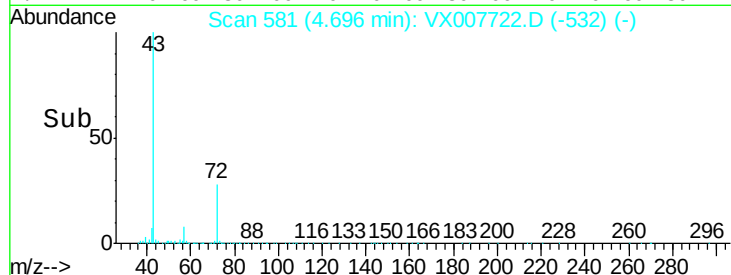
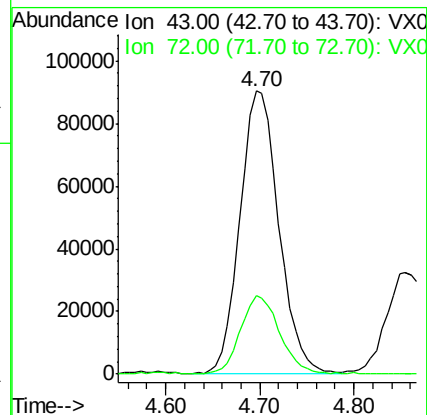
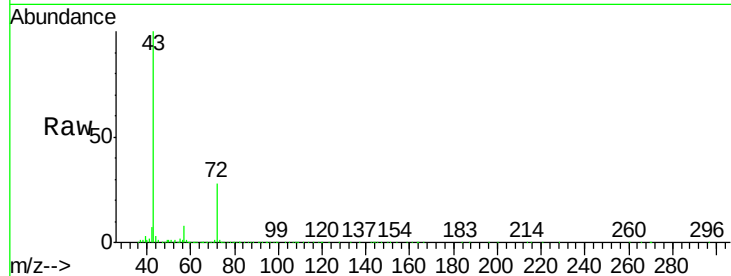
72 27.9 22.2 33.2

Manual Integrations

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MMDadoda

2/27/2019 10:07:02 AM



#26

2,2-Dichloropropane

Concen: 16.173 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007722.D

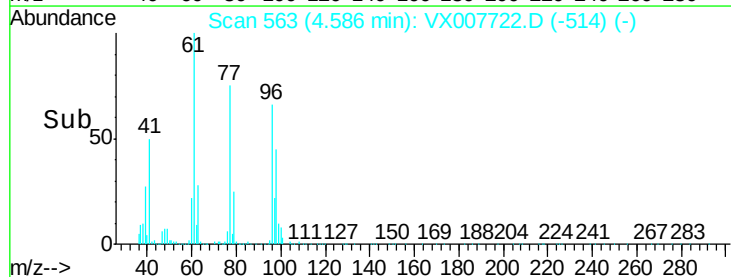
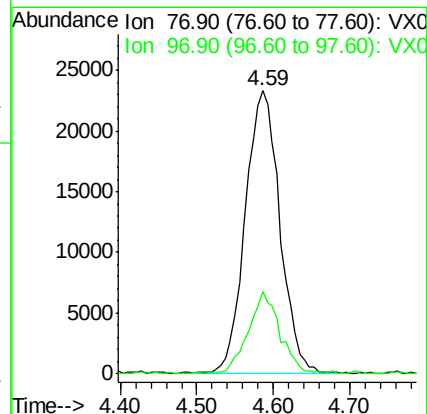
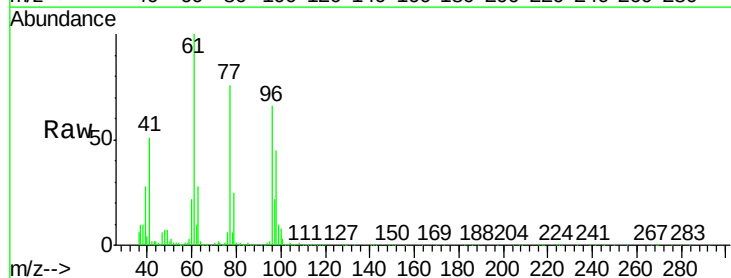
Acq: 26 Feb 2019 19:06

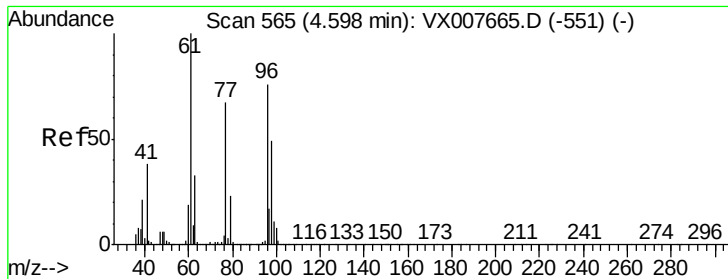
Tgt Ion: 77 Resp: 73695

Ion Ratio Lower Upper

77 100

97 26.6 12.1 36.3





#27

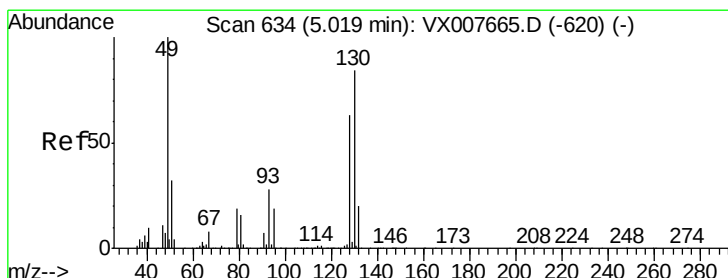
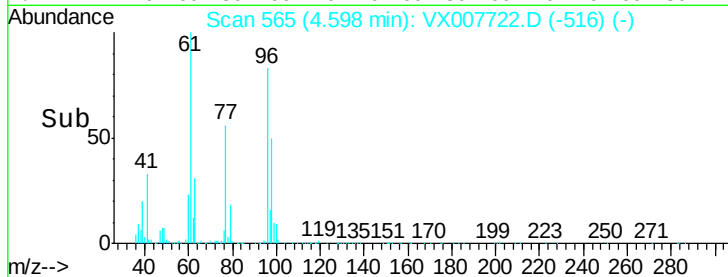
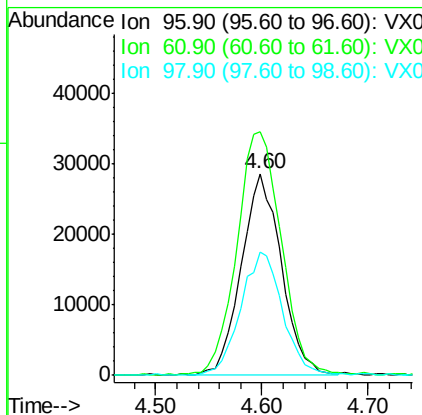
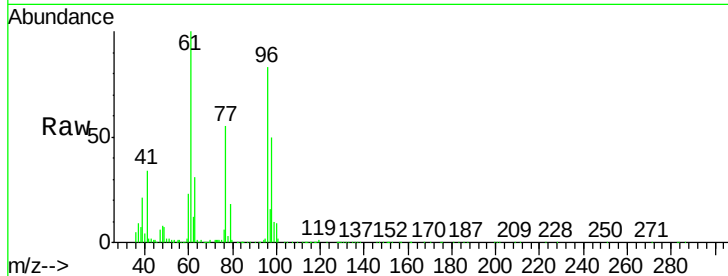
cis-1,2-Dichloroethene
Concen: 20.018 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	265.6
98	63.5	0.0	131.6

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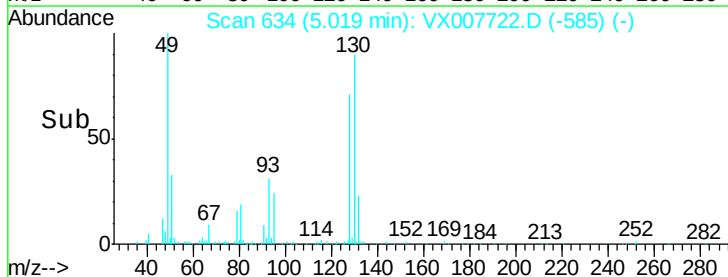
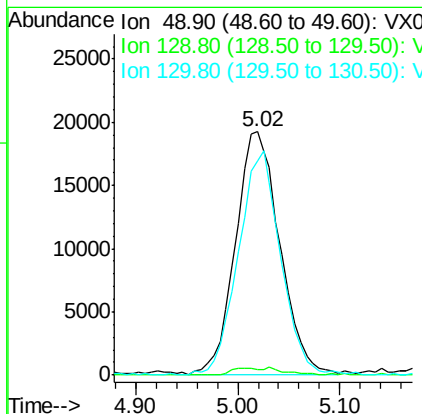
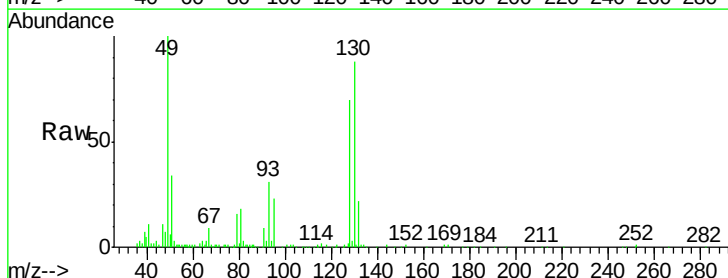
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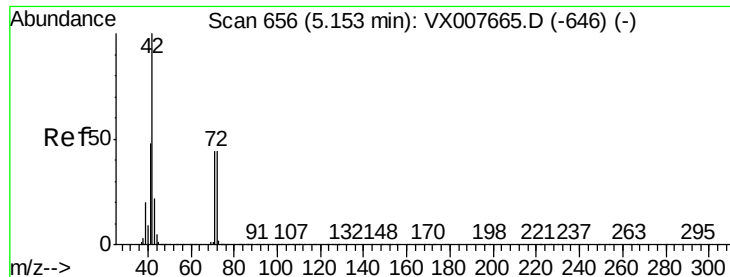


#28

Bromochloromethane
Concen: 20.950 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.6
130	88.0	75.6	113.4





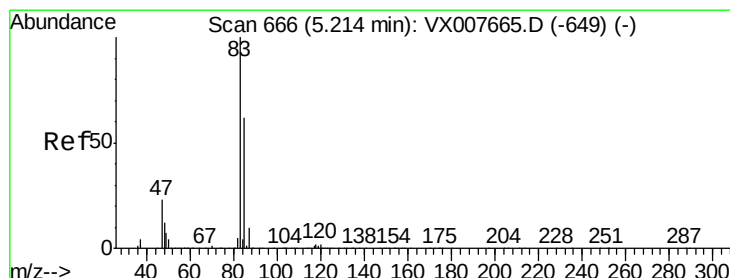
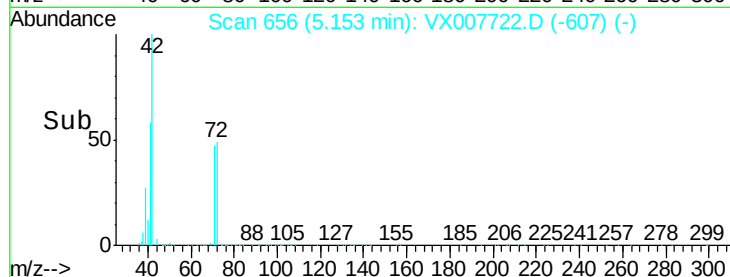
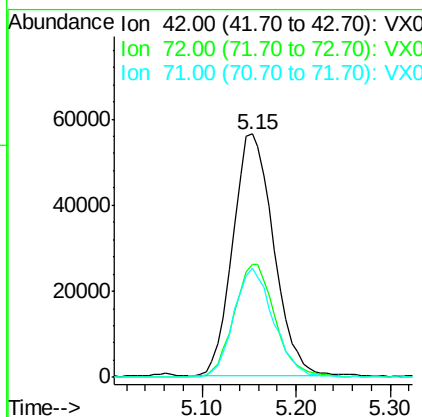
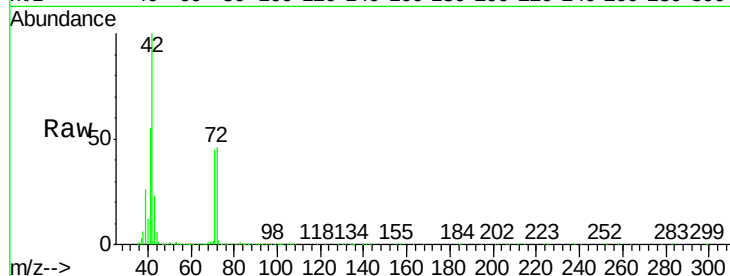
#29
Tetrahydrofuran
Concen: 98.474 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	169916		
72	47.1		37.6	56.4
71	44.3		34.6	51.8

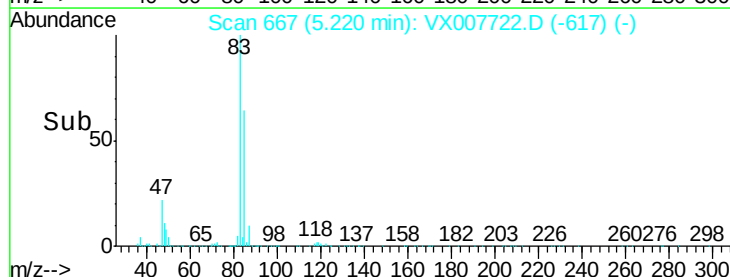
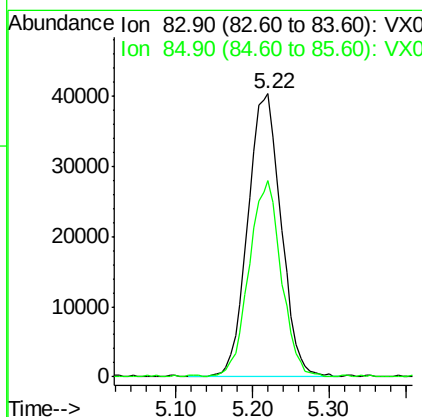
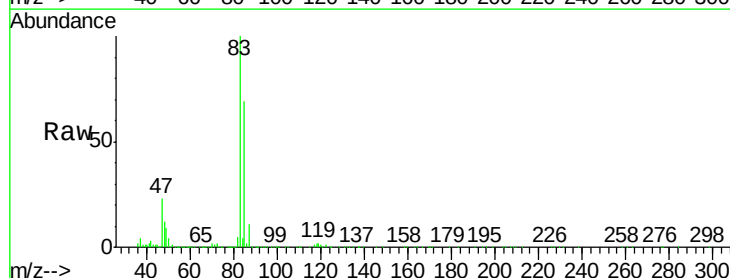
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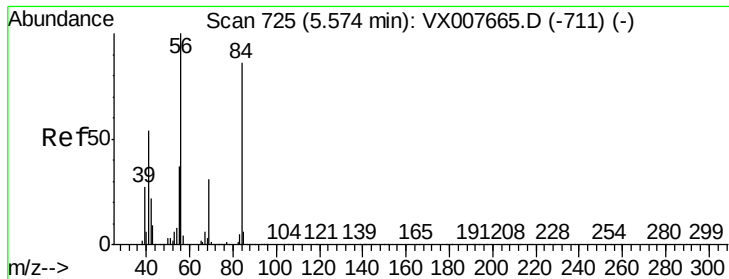
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#30
Chloroform
Concen: 20.034 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	122506		
85	68.8		51.6	77.4





#31

Cyclohexane

Concen: 19.083 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

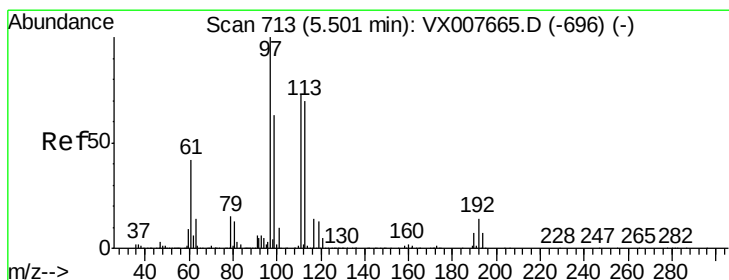
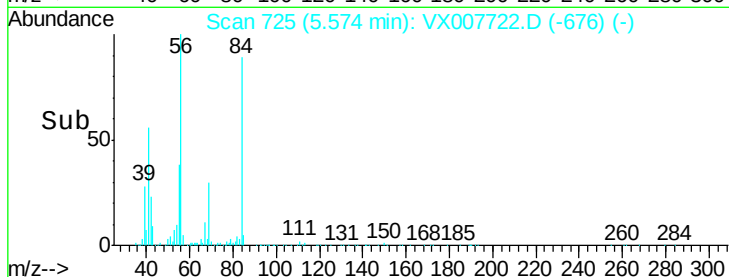
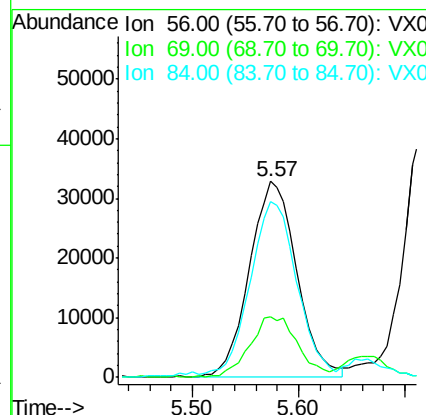
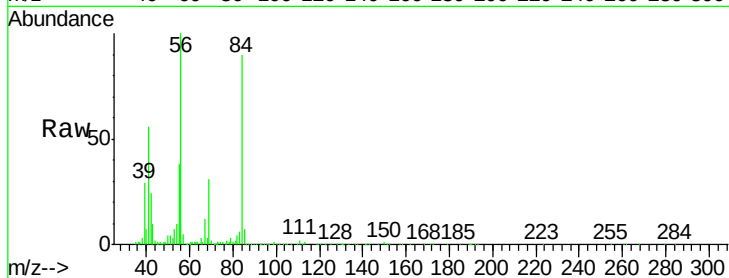
ClientSampleId :

VX0226WBSD01

Tot Ion:	56	Resp:	102467
Ion Ratio		Lower	Upper
56	100		
69	30.8	23.0	34.6
84	86.8	69.8	104.6

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#32

1,1,1-Trichloroethane

Concen: 20.120 ug/l

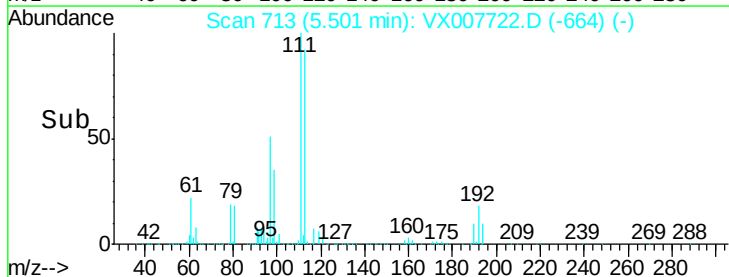
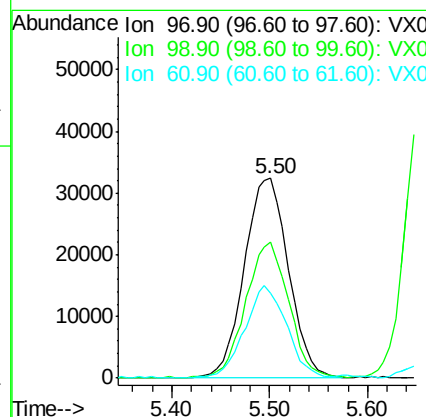
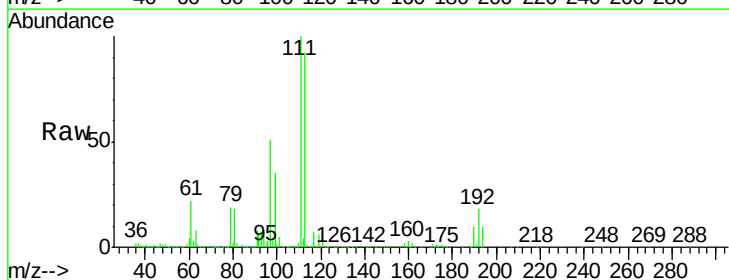
RT: 5.50 min Scan# 713

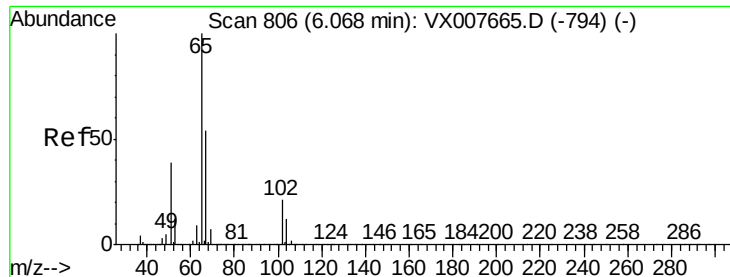
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	97	Resp:	101748
Ion Ratio		Lower	Upper
97	100		
99	65.5	52.2	78.2
61	43.1	32.7	49.1





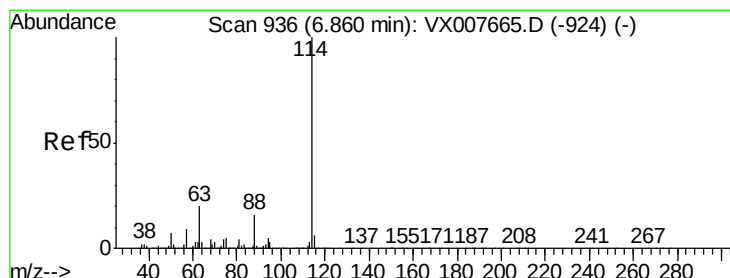
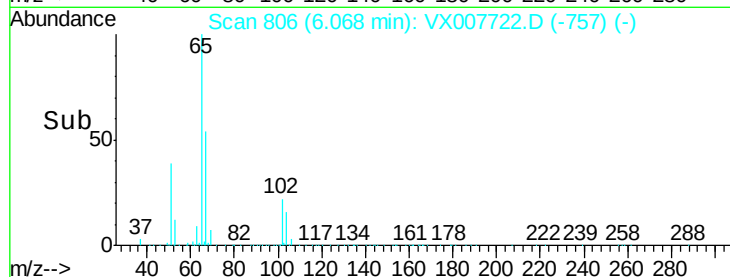
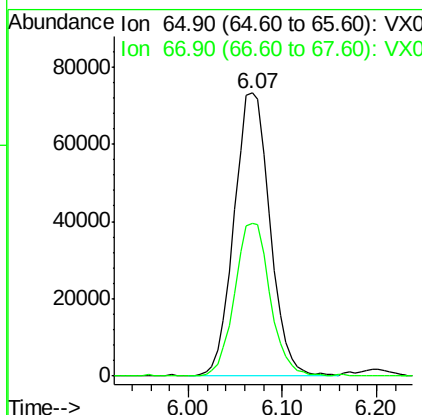
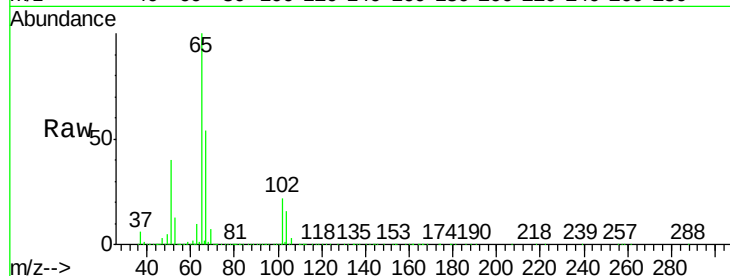
#33
 1,2-Dichloroethane-d4
 Concen: 50.221 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	194070		
67	53.2	0.0	108.8	

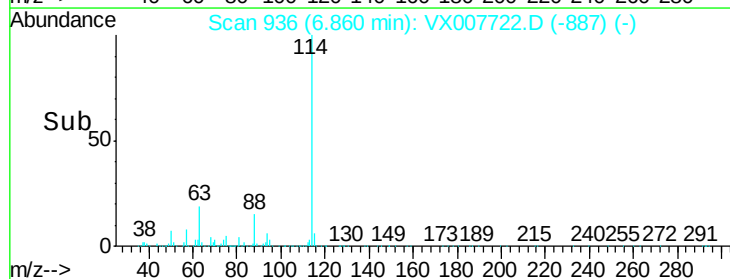
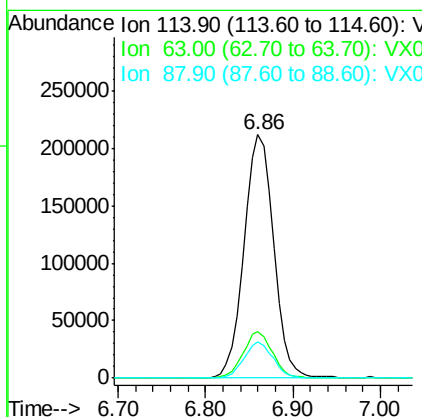
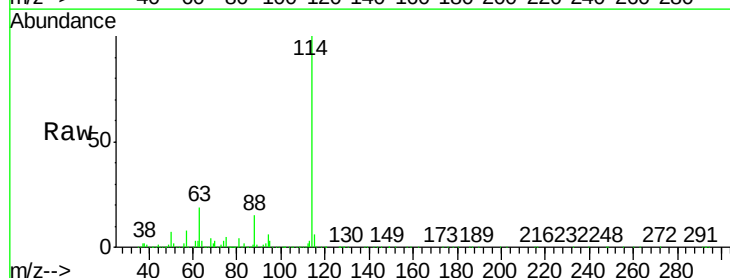
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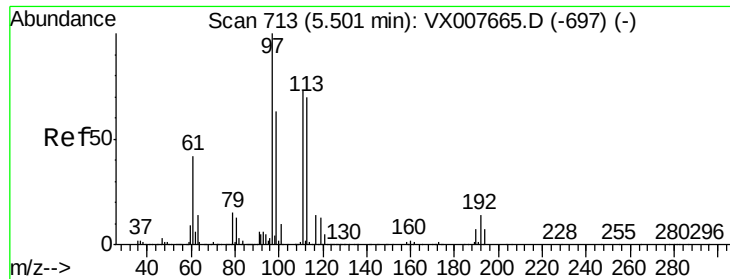
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	498822		
63	18.8	0.0	35.6	
88	14.7	0.0	29.6	





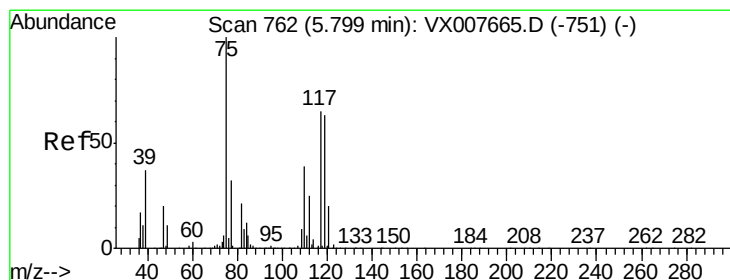
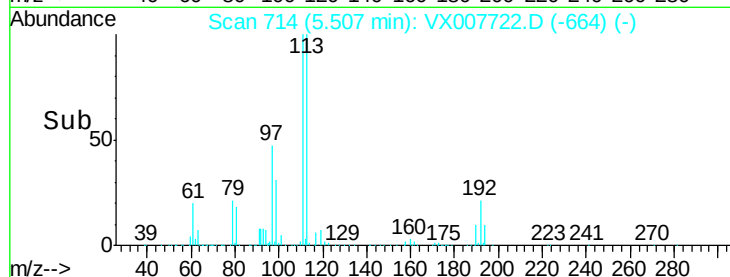
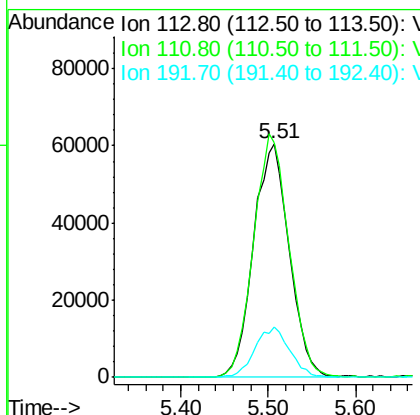
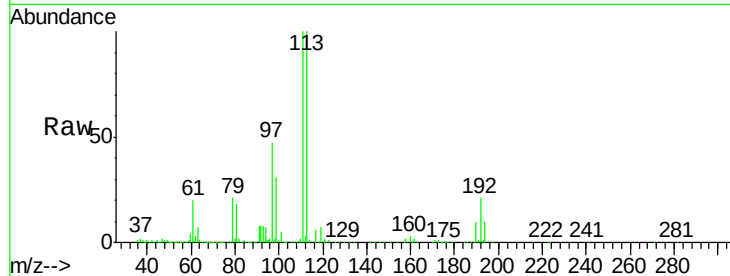
#35
 Dibromofluoromethane
 Concen: 51.481 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.8
192	20.9	18.5	27.7

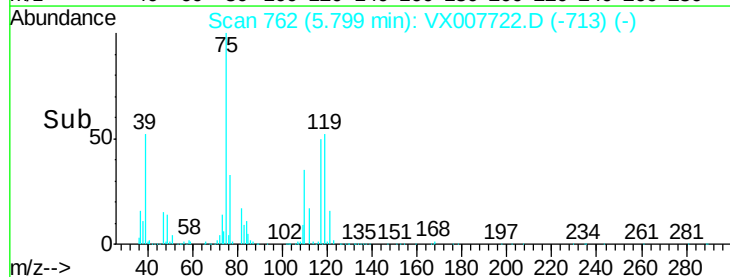
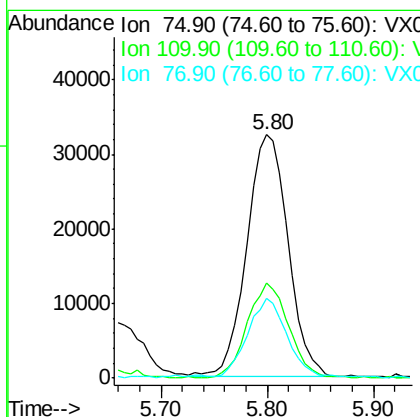
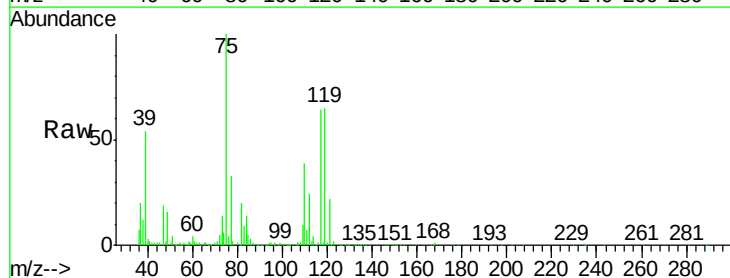
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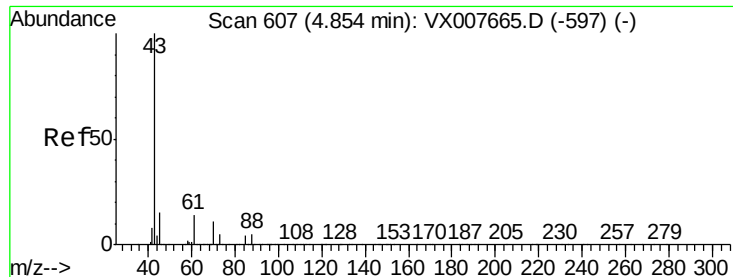
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#36
 1,1-Dichloropropene
 Concen: 19.631 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	20.0	59.9
77	30.7	24.7	37.1





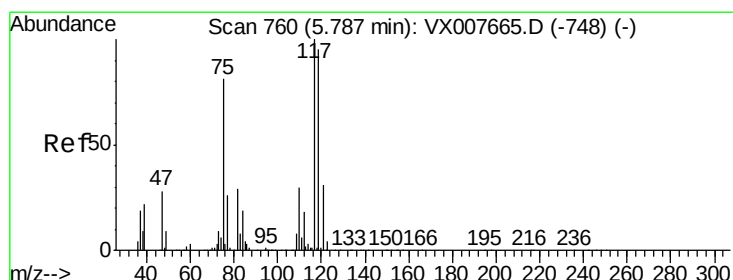
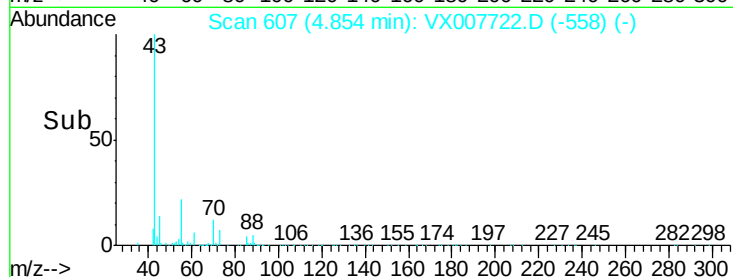
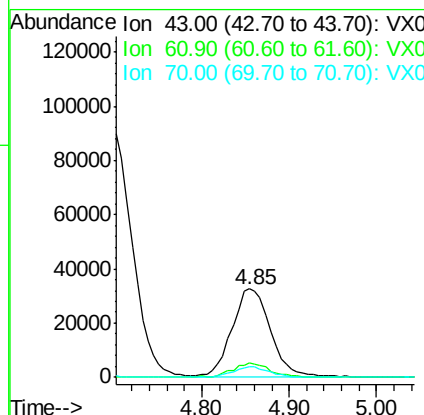
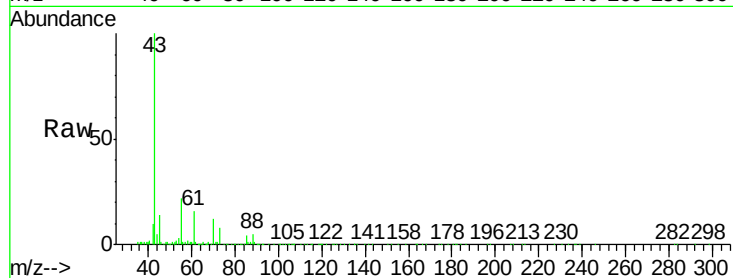
#37
Ethyl Acetate
Concen: 19.725 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.3	16.9
70	12.1	8.6	13.0

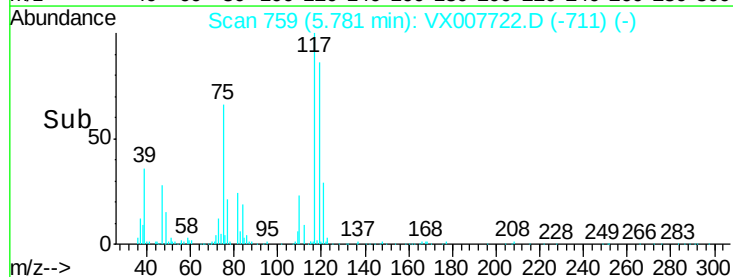
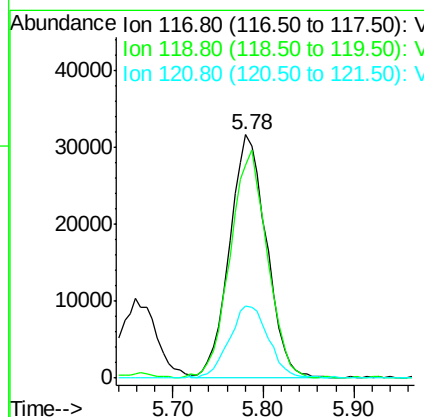
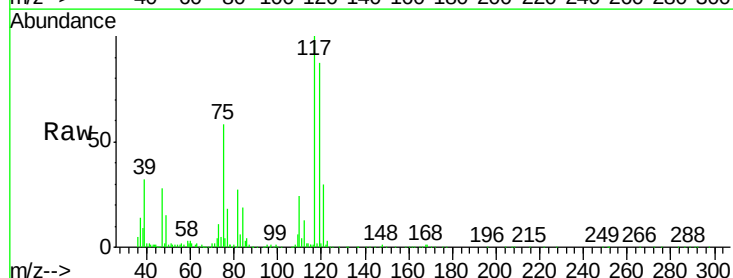
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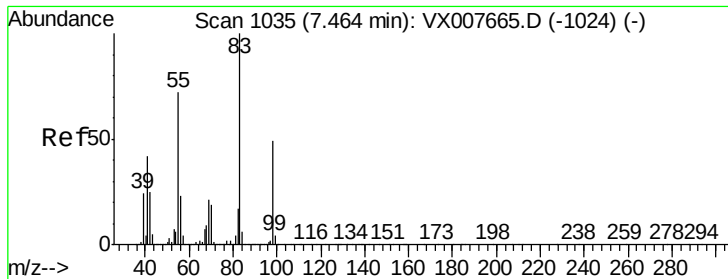
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#38
Carbon Tetrachloride
Concen: 20.054 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.5	75.3	112.9
121	29.7	25.0	37.4





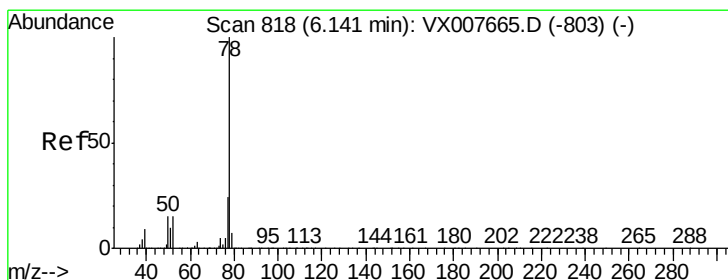
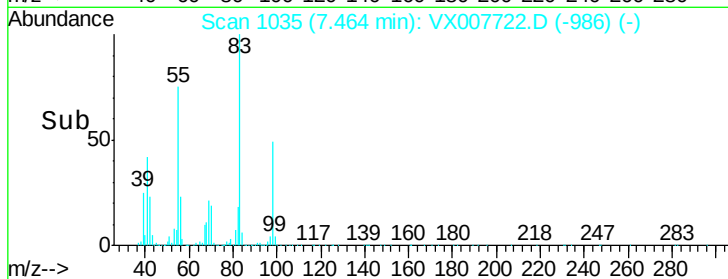
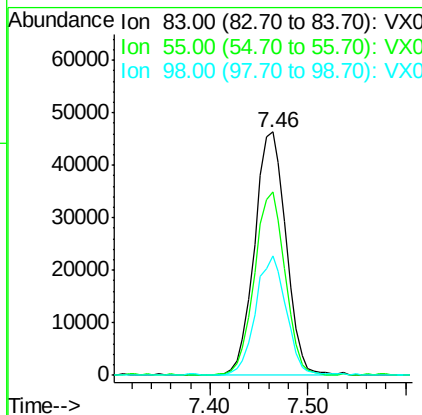
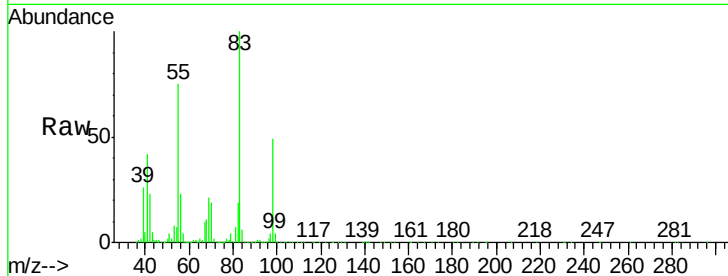
#39
Methylvlcyclohexane
Concen: 18.308 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	56.2	84.2
98	48.8	36.8	55.2

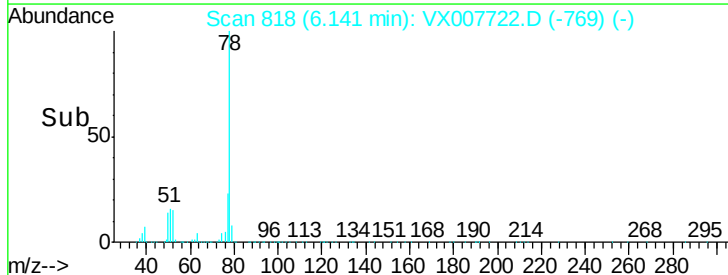
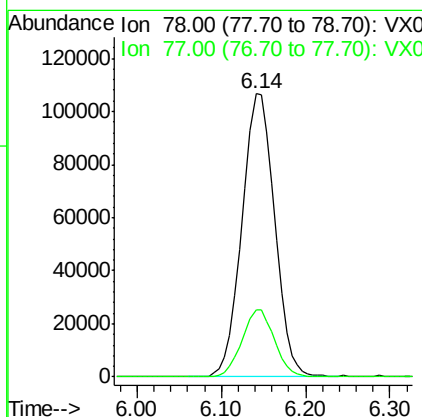
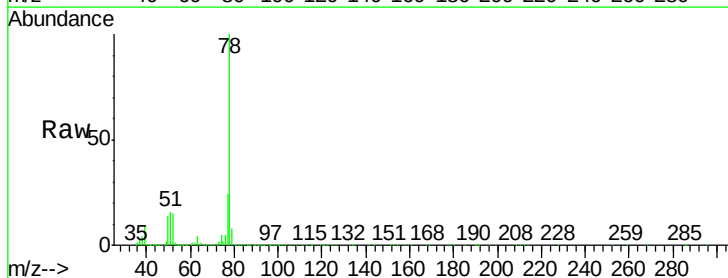
Manual Integrations
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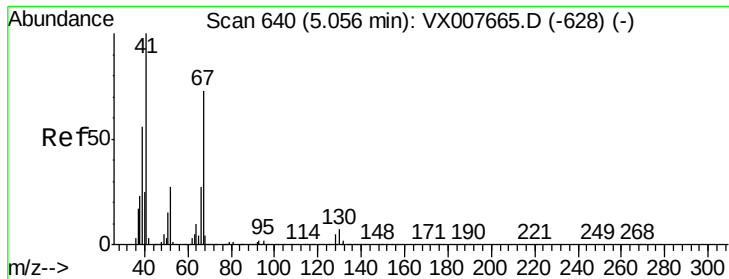
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#40
Benzene
Concen: 20.209 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





#41

Methacrylonitrile

Concen: 20.331 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

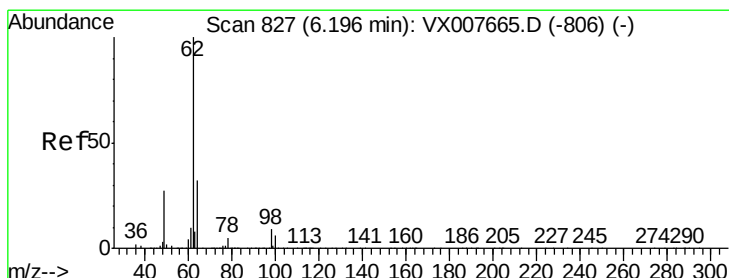
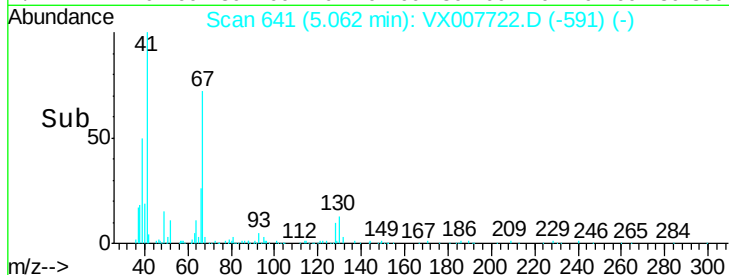
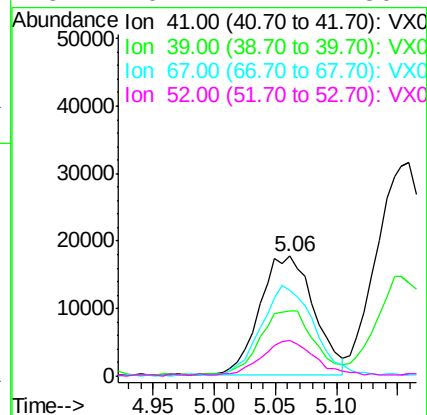
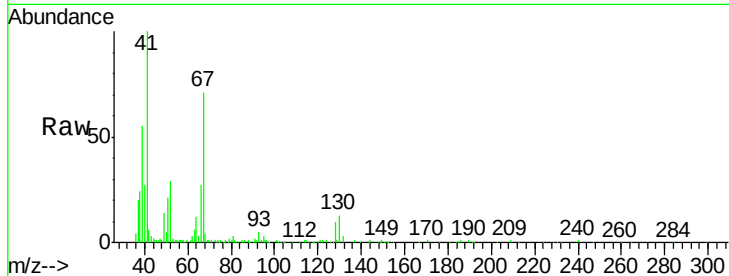
ClientSampleId :

VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.5	66.7
67	74.2	60.4	90.6
52	29.1	24.1	36.1

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#42

1,2-Dichloroethane

Concen: 20.062 ug/l

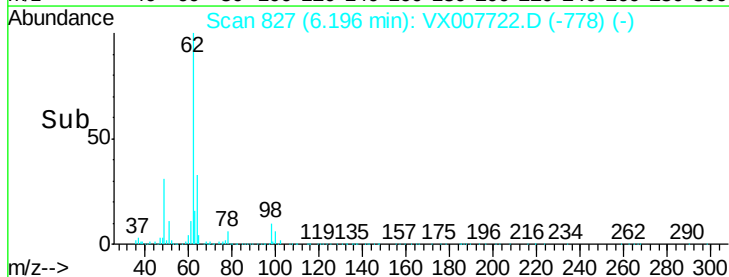
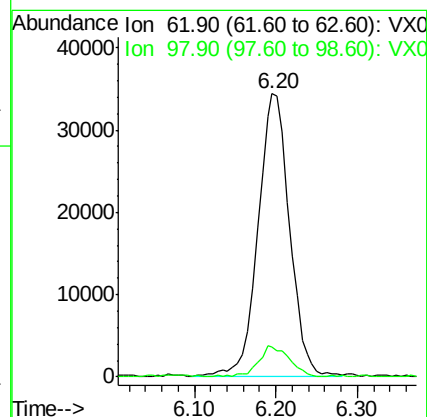
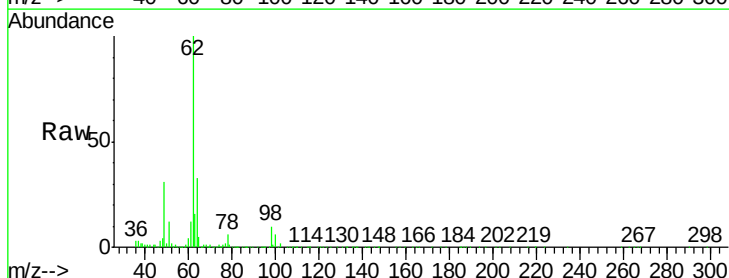
RT: 6.20 min Scan# 827

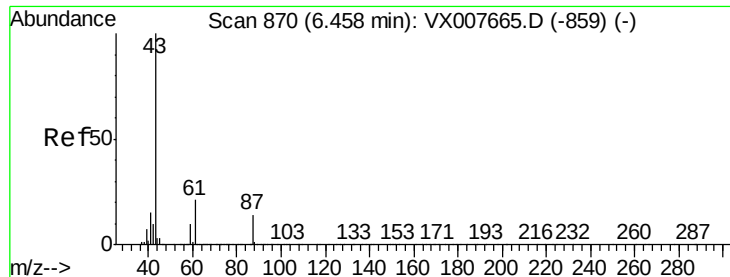
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.496 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

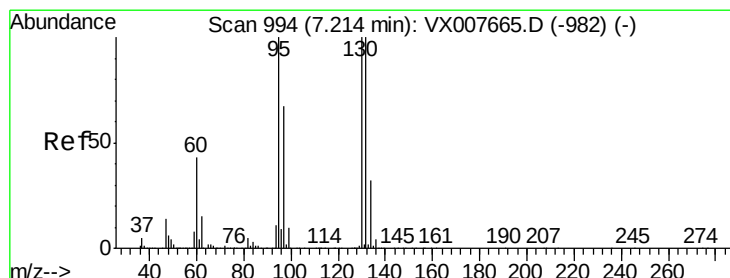
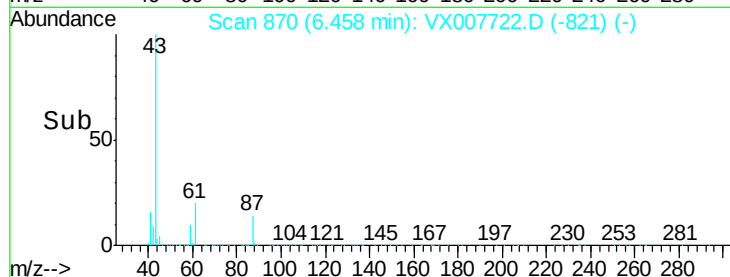
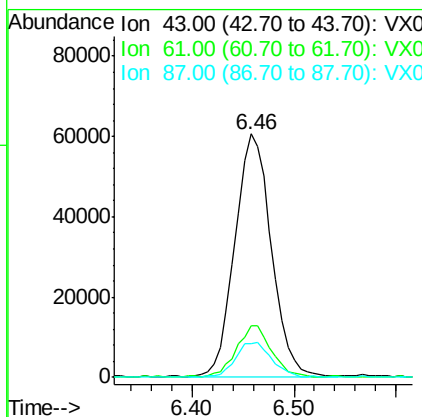
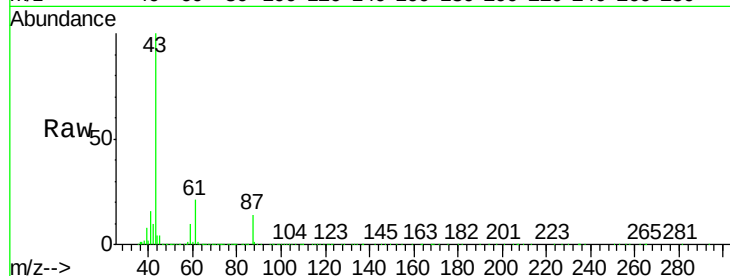
ClientSampleId :

VX0226WBSD01

Tot Ion:	43	Resp:	149475
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	14.3	11.5	17.3

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2/27/2019 10:07:02 AM



#44

Trichloroethene

Concen: 20.044 ug/l

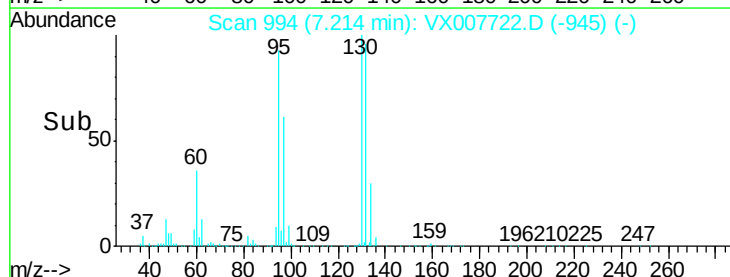
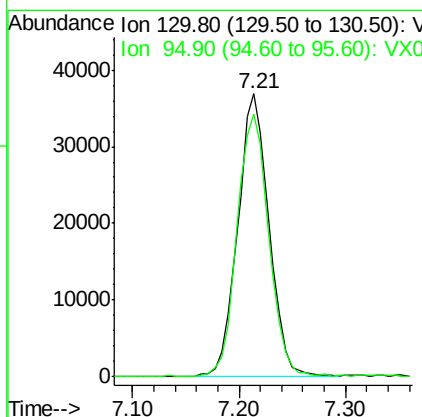
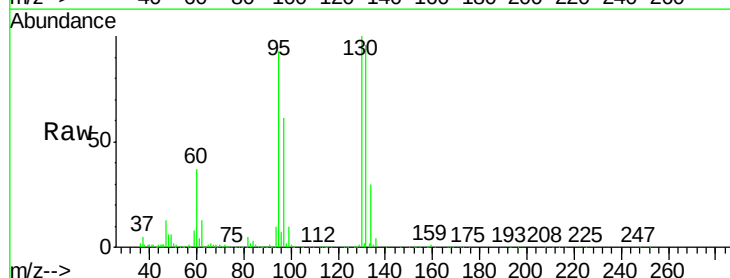
RT: 7.21 min Scan# 994

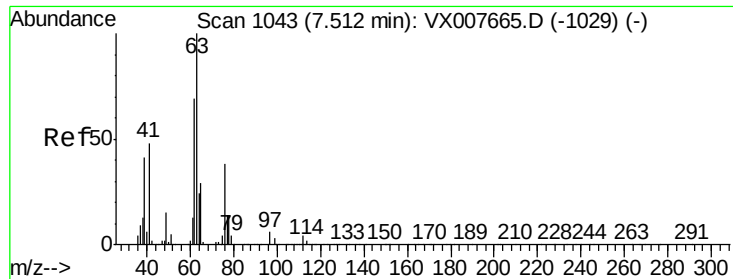
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	130	Resp:	76334
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	180.0





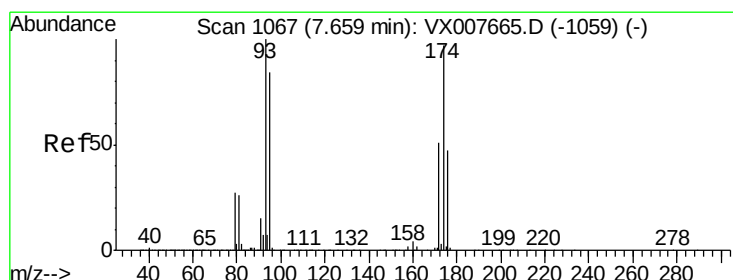
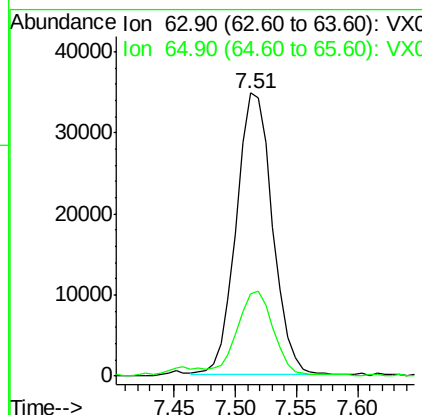
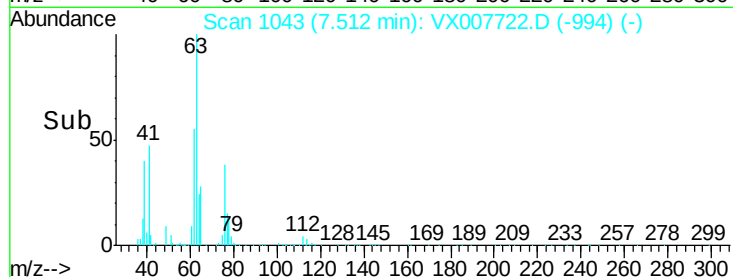
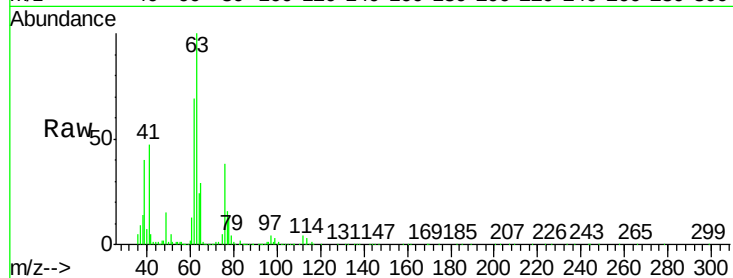
#45
 1,2-Dichloropropane
 Concen: 19.858 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.8	24.2	36.2

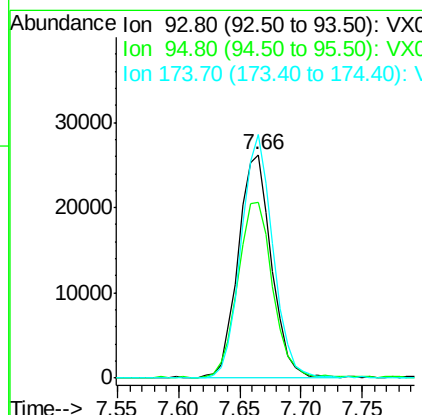
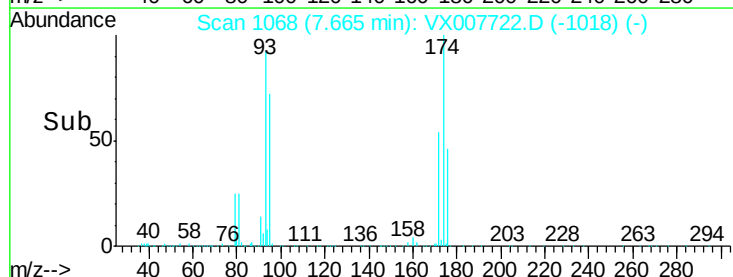
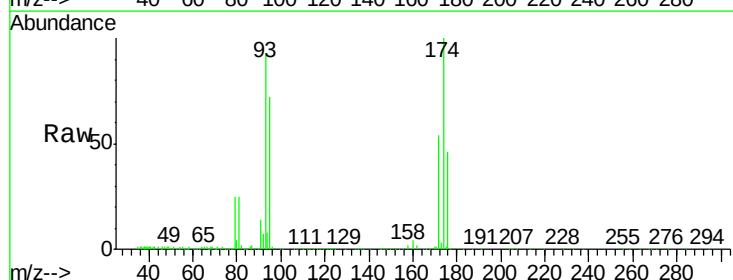
Manual Integrations
 APPROVED

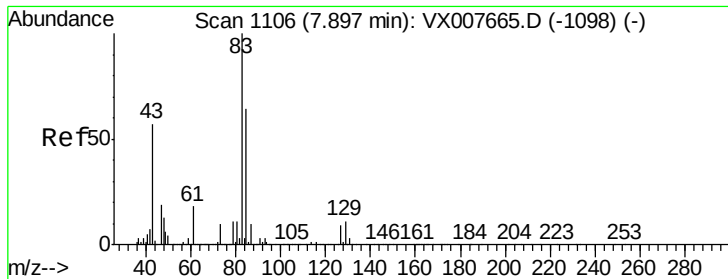
MMDadoda
 2/27/2019 10:07:02 AM



#46
 Dibromomethane
 Concen: 19.529 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	67.6	101.4
174	105.7	94.2	141.4





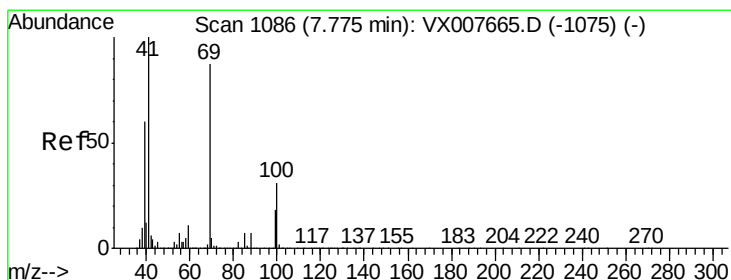
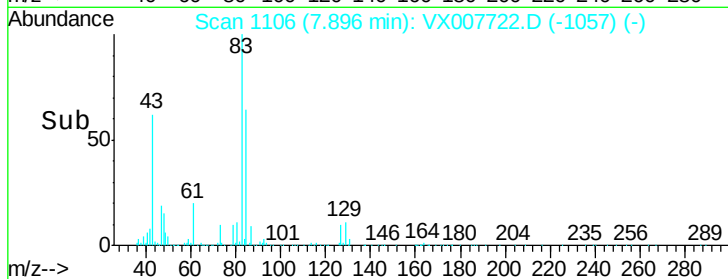
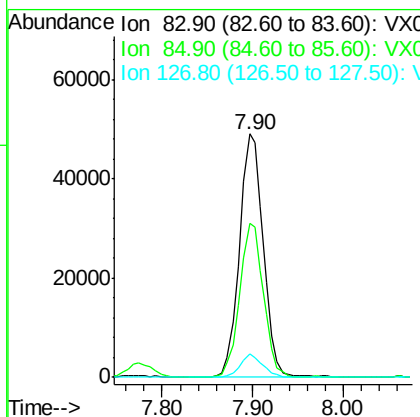
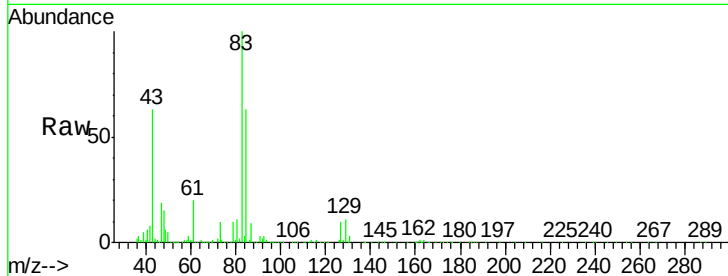
#47
Bromodichloromethane
Concen: 20.567 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	89167		
85	63.2		51.4	77.0
127	9.6		8.1	12.1

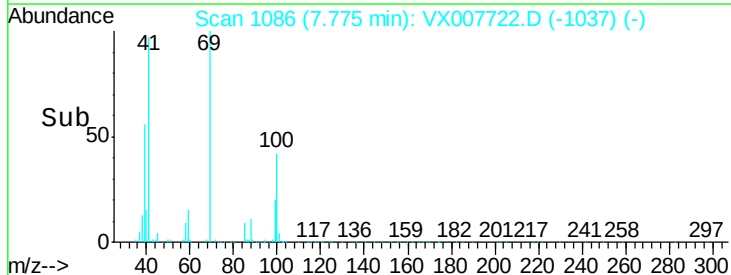
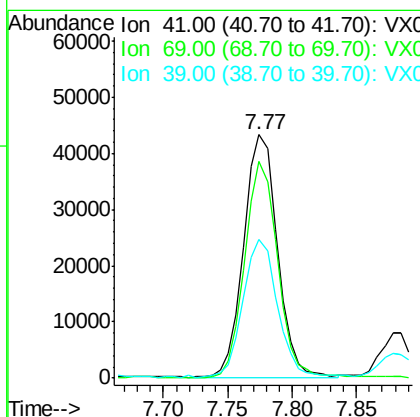
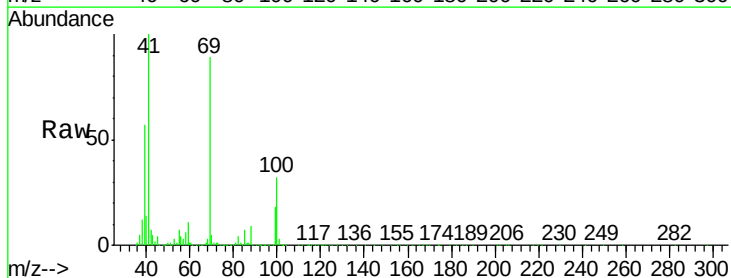
Manual Integrations
APPROVED

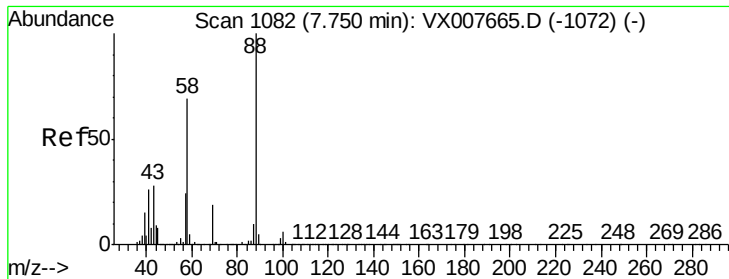
MMDadoda
2/27/2019 10:07:02 AM



#48
Methyl methacrylate
Concen: 19.385 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	77907		
69	87.6		70.2	105.4
39	59.5		47.4	71.0





#49

1,4-Dioxane

Concen: 395.820 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

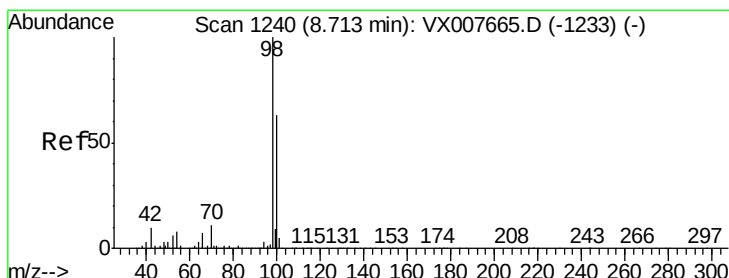
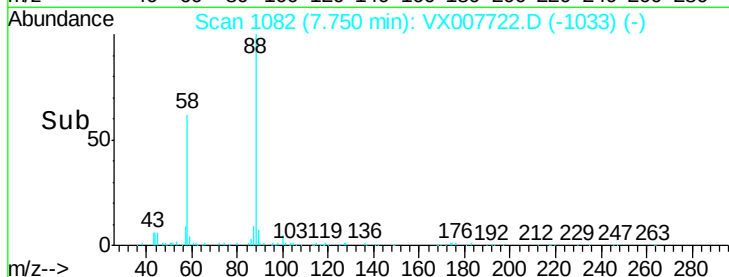
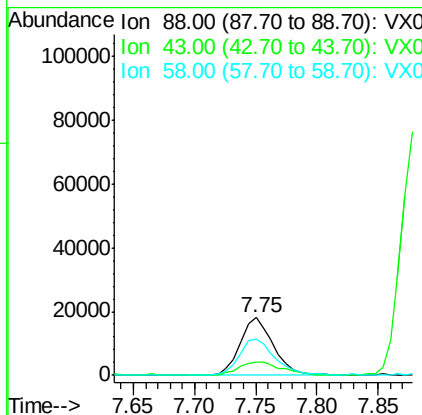
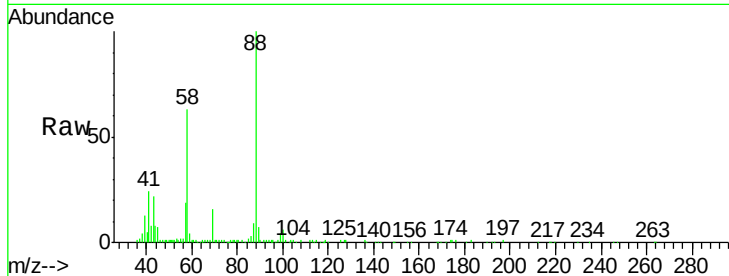
ClientSampleId :

VX0226WBSD01

Tot Ion:	88	Resp:	34358
Ion Ratio	Lower	Upper	
88	100		
43	32.1	24.2	36.4
58	65.9	53.0	79.4

Manual Integrations
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2/27/2019 10:07:02 AM



#50

Toluene-d8

Concen: 50.828 ug/l

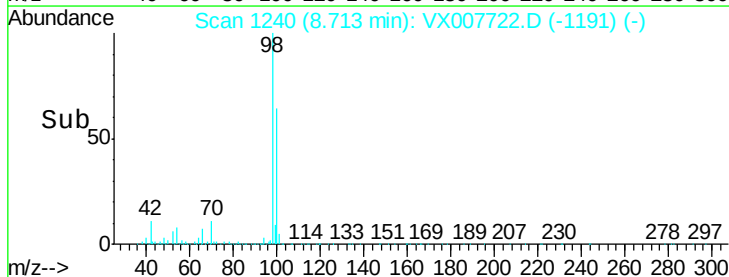
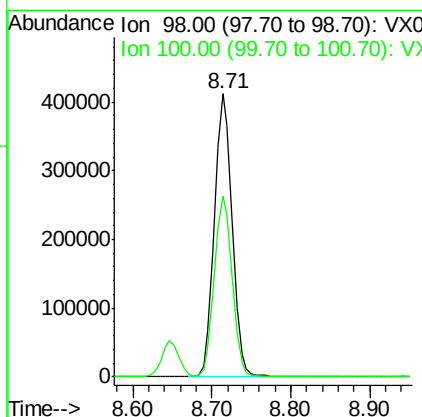
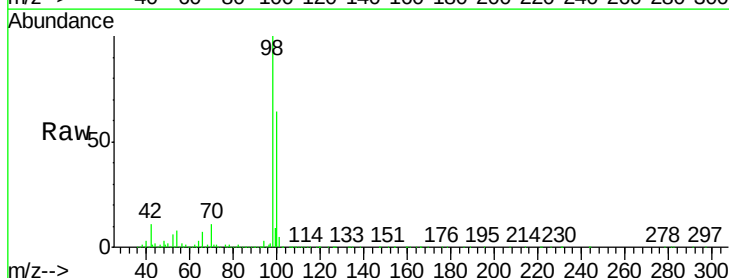
RT: 8.71 min Scan# 1240

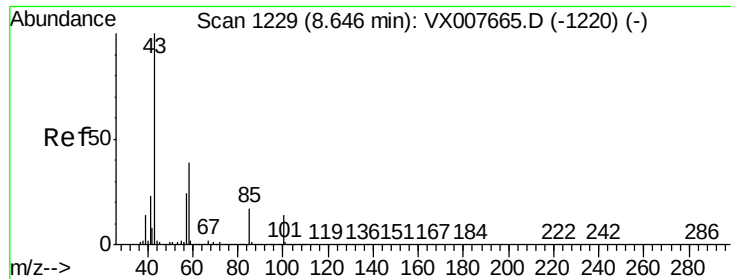
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	98	Resp:	648851
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 102.748 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion: 43 Resp: 527317

Ion Ratio Lower Upper

43 100

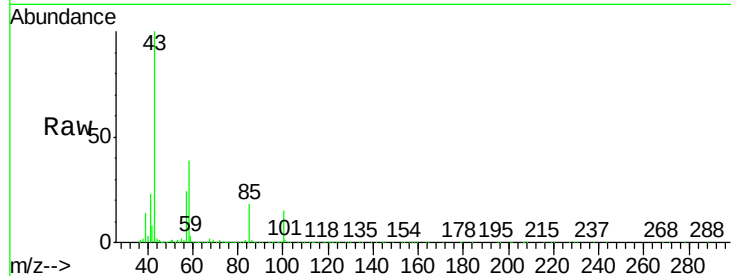
58 38.4 31.2 46.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

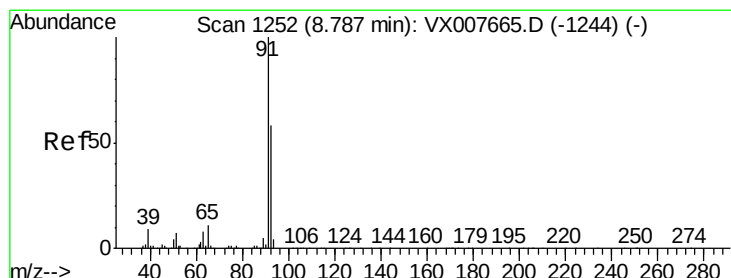
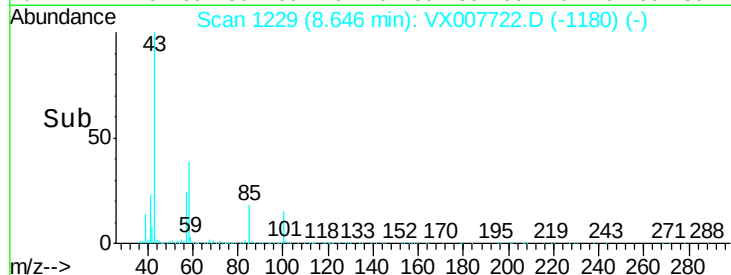
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.309 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007722.D

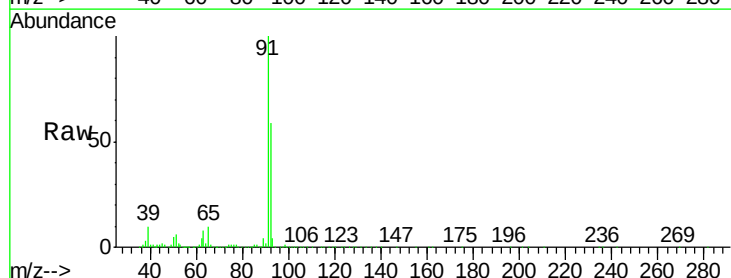
Acq: 26 Feb 2019 19:06

Tgt Ion: 92 Resp: 177289

Ion Ratio Lower Upper

92 100

91 172.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

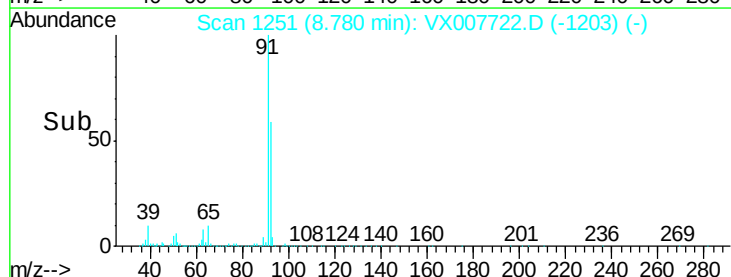
150000

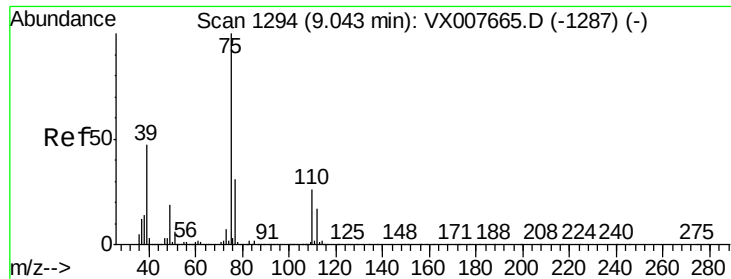
100000

50000

0

Time-->





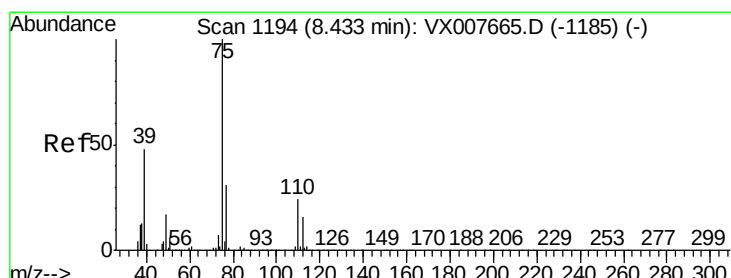
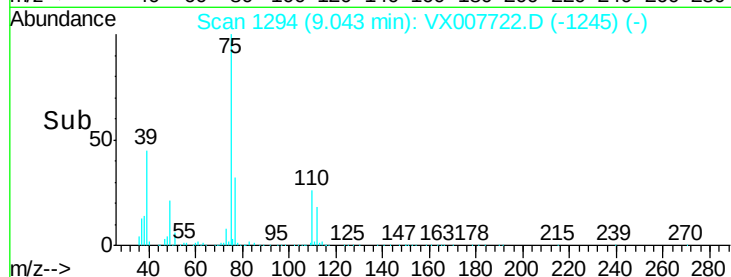
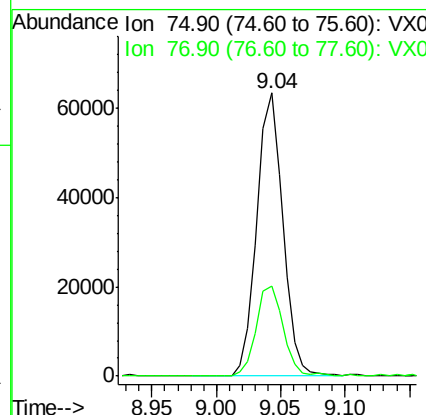
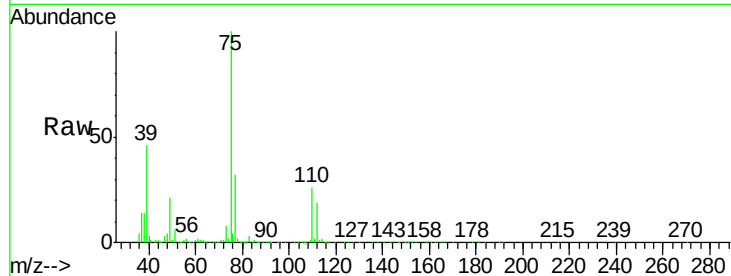
#53
t-1,3-Dichloropropene
Concen: 18.281 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampled :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8

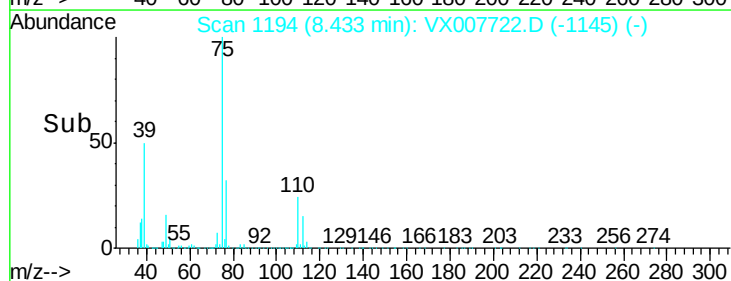
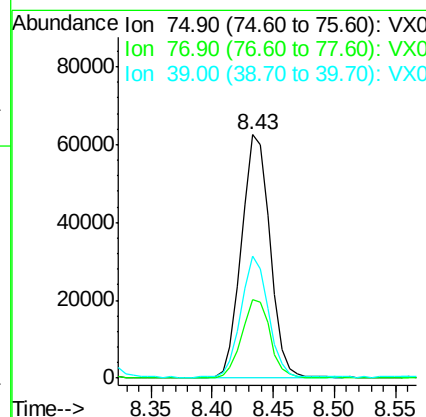
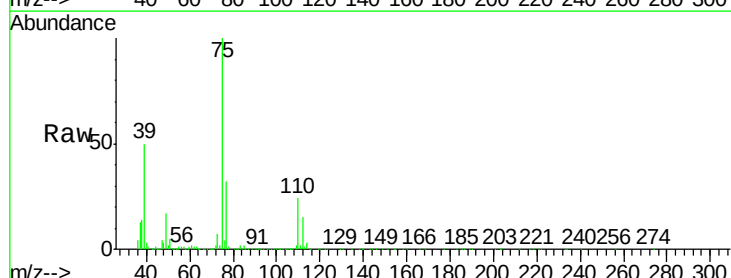
Manual Integrations
APPROVED

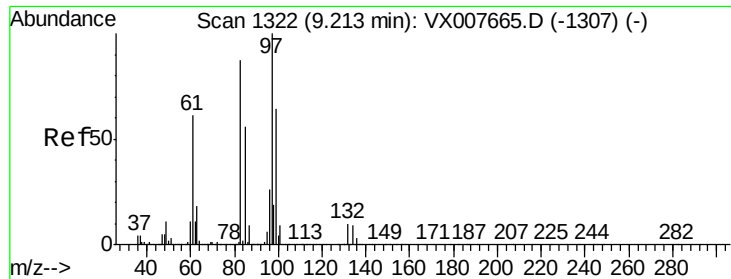
MMDadoda
2/27/2019 10:07:02 AM



#54
cis-1,3-Dichloropropene
Concen: 19.077 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.4
39	49.7	37.1	55.7





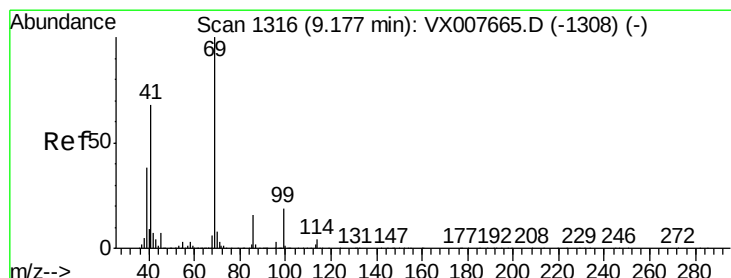
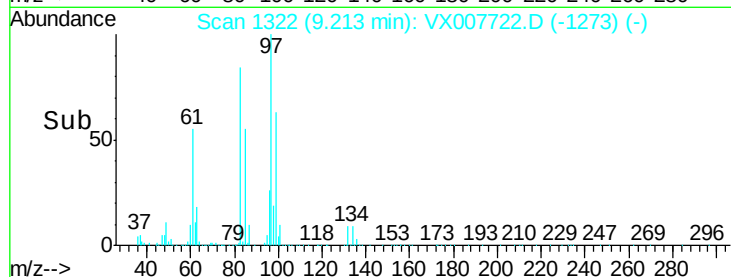
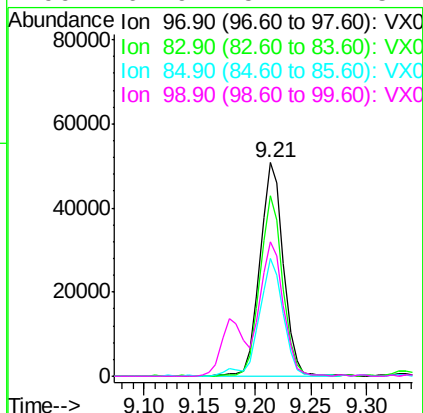
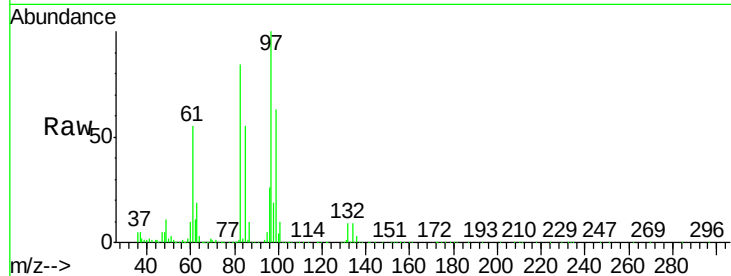
#55
 1,1,2-Trichloroethane
 Concen: 20.698 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.6	102.8
85	54.8	44.5	66.7
99	62.9	52.2	78.4

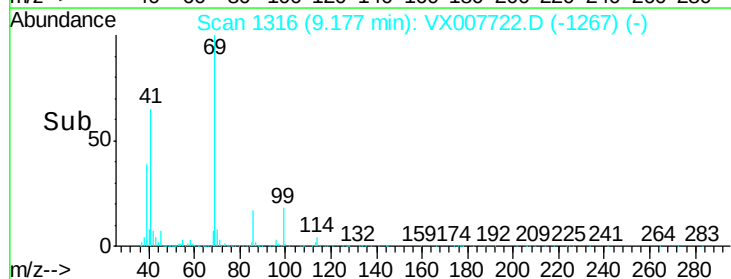
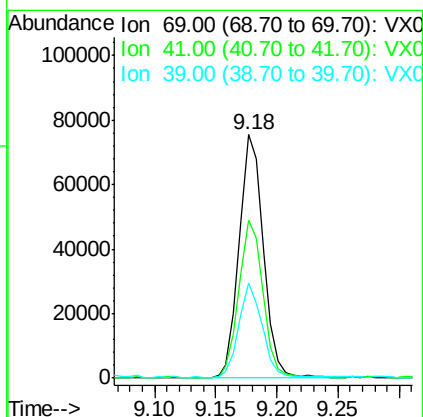
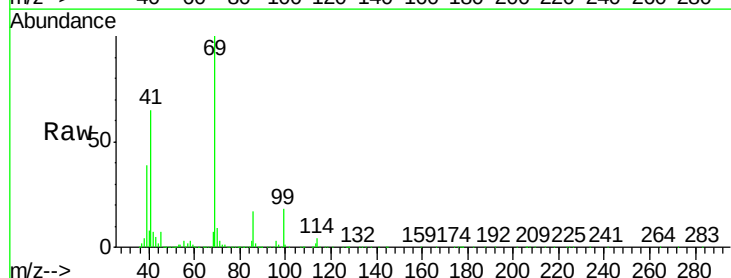
Manual Integrations
 APPROVED

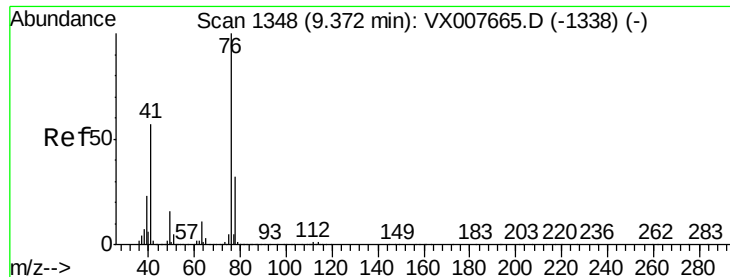
MMDadoda
 2/27/2019 10:07:02 AM



#56
 Ethyl methacrylate
 Concen: 20.082 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.1	78.1
39	37.2	30.1	45.1





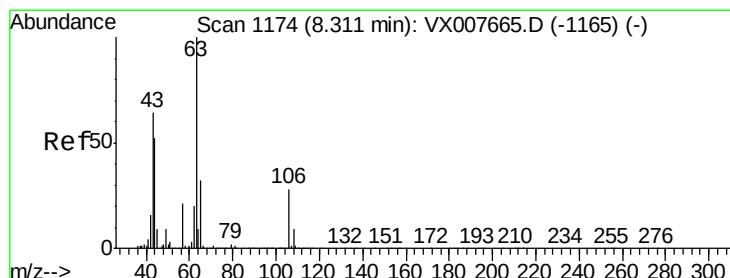
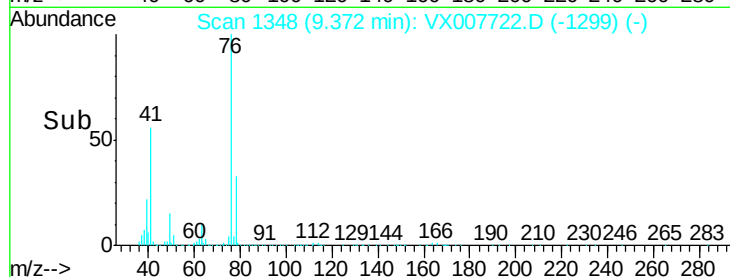
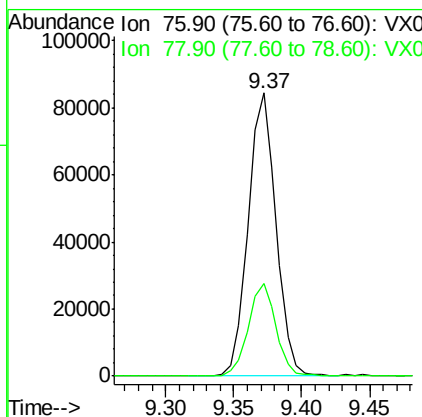
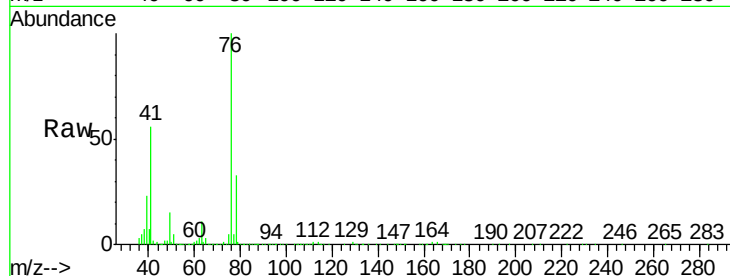
#57
 1,3-Dichloropropane
 Concen: 20.785 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.8	38.8

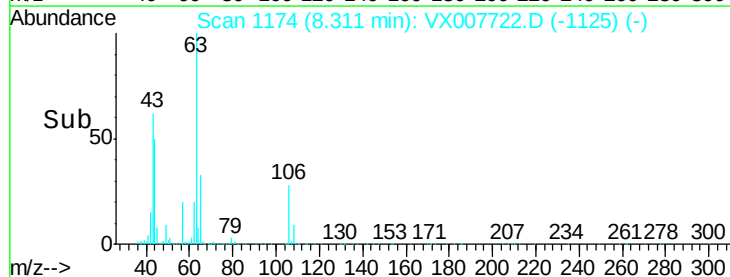
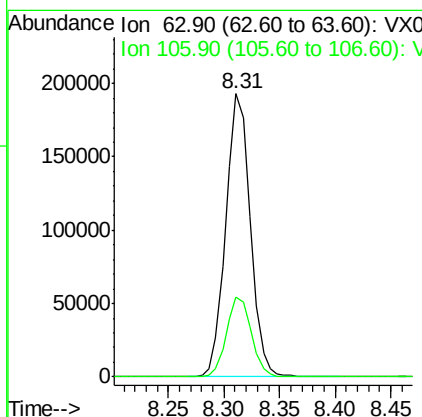
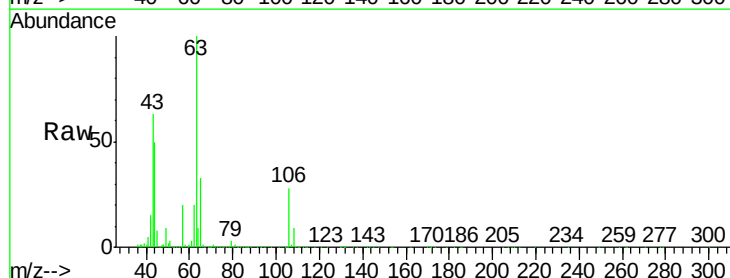
Manual Integrations
 APPROVED

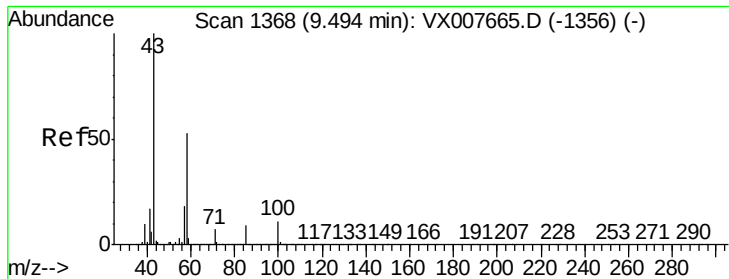
MMDadoda
 2/27/2019 10:07:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.235 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.6	35.4





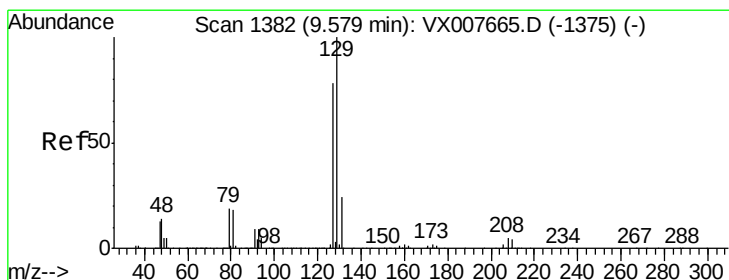
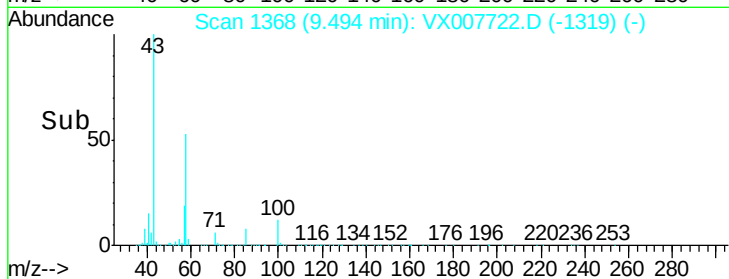
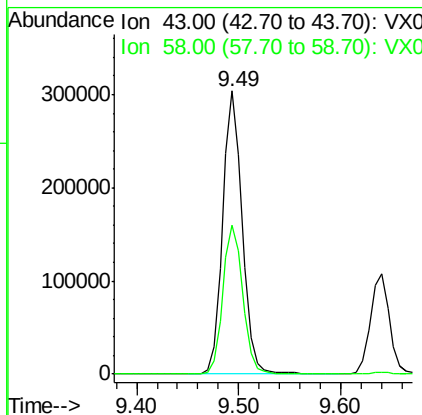
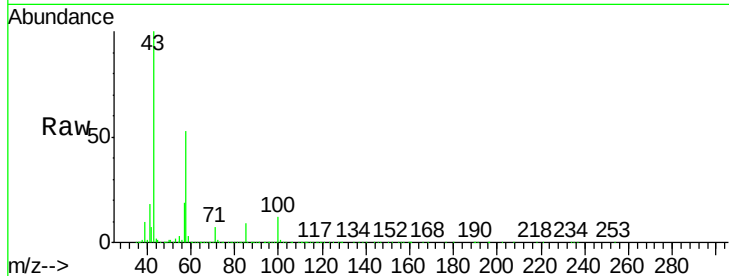
#59
2-Hexanone
Concen: 100.168 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampled :
VX0226WBSD01

Tot Ion: 43 Resp: 403598
Ion Ratio Lower Upper
43 100
58 53.9 27.1 81.3

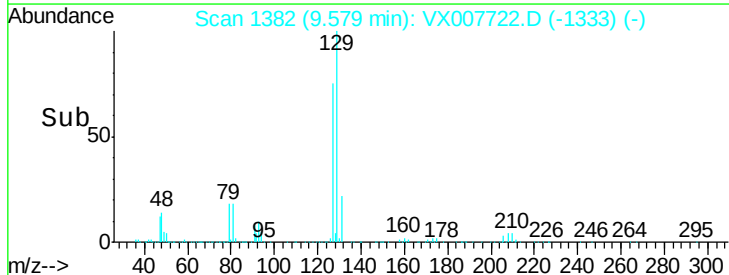
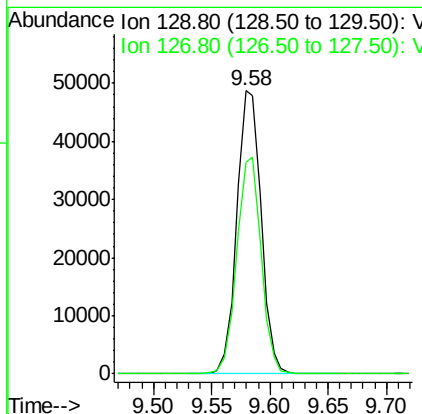
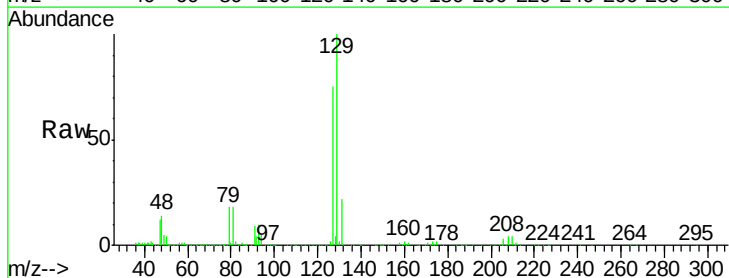
Manual Integrations
APPROVED

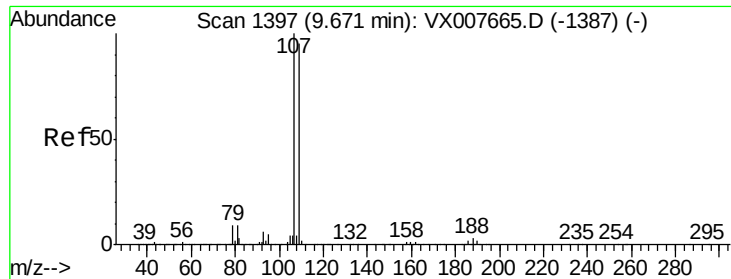
MMDadoda
2/27/2019 10:07:02 AM



#60
Dibromochloromethane
Concen: 20.317 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion: 129 Resp: 71165
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 20.450 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion:107 Resp: 77290

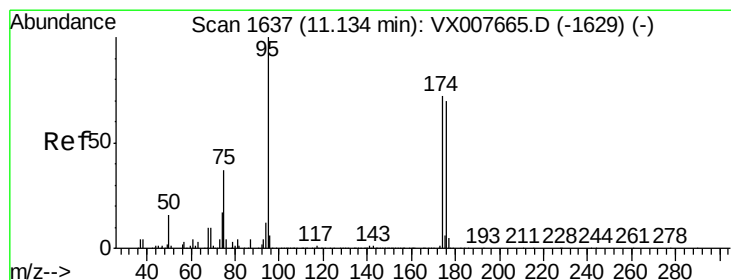
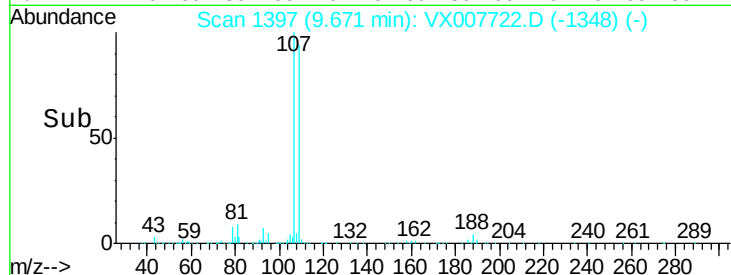
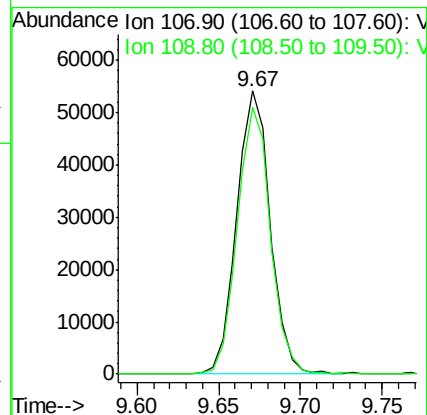
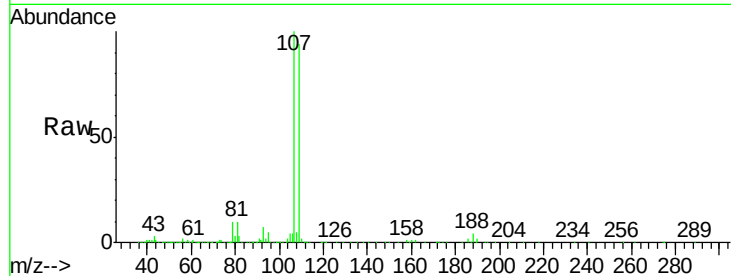
Ion Ratio Lower Upper

107 100

109 93.1 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 48.238 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

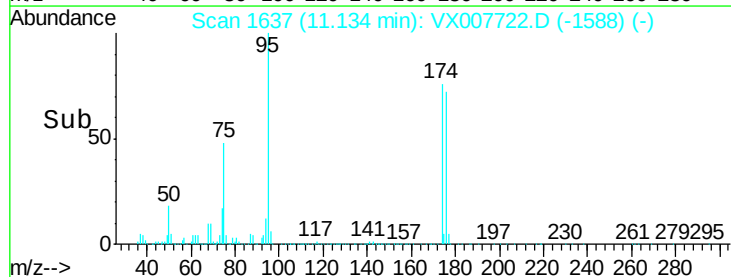
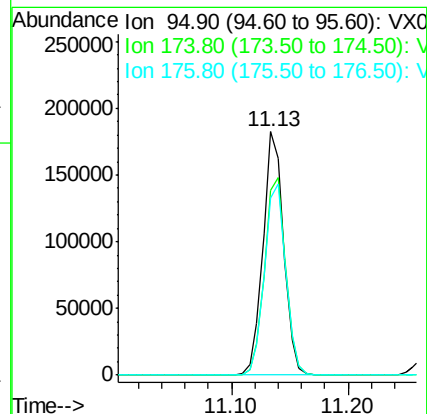
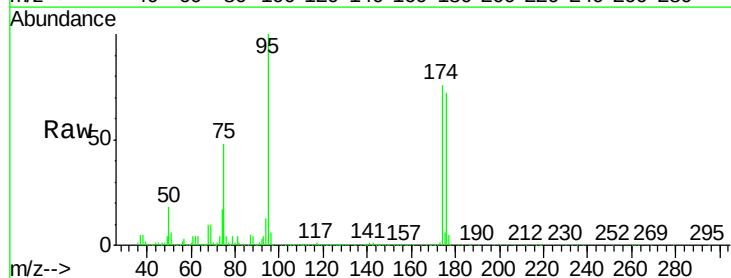
Tgt Ion: 95 Resp: 226017

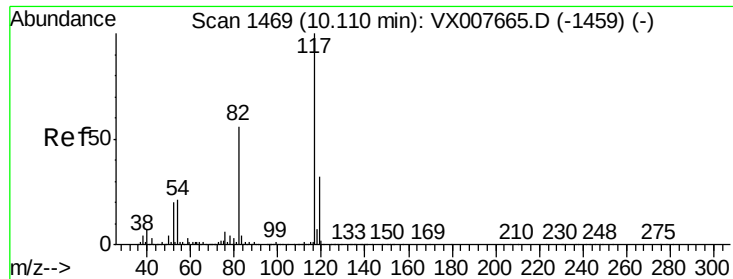
Ion Ratio Lower Upper

95 100

174 83.9 0.0 189.2

176 81.5 0.0 186.2





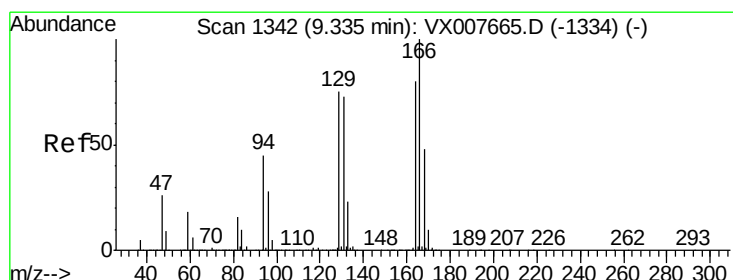
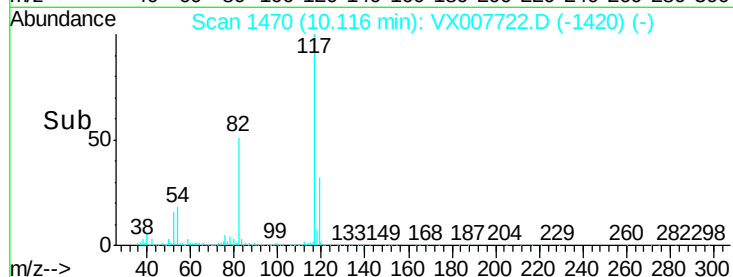
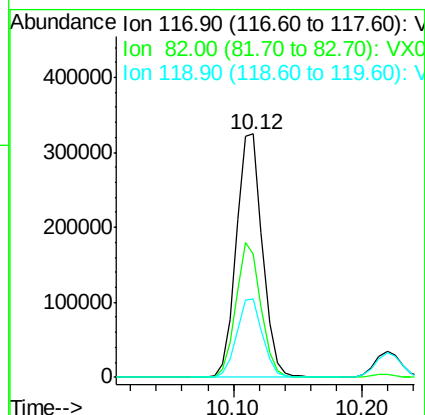
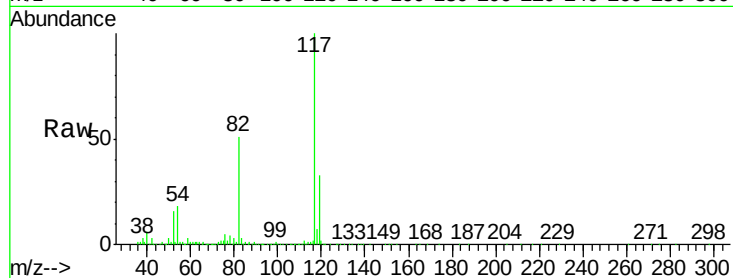
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.1	63.1
119	32.5	26.5	39.7

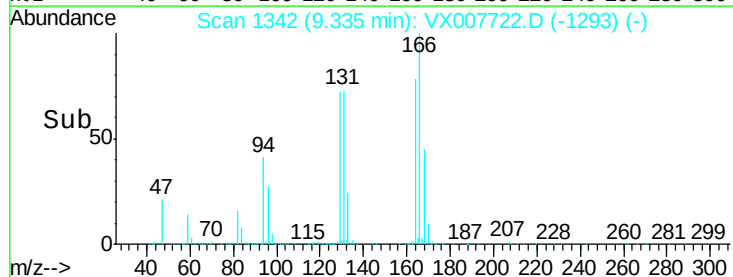
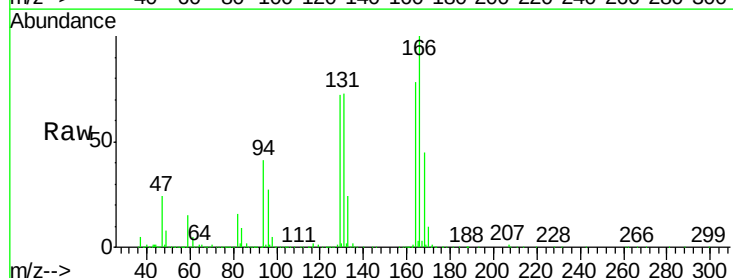
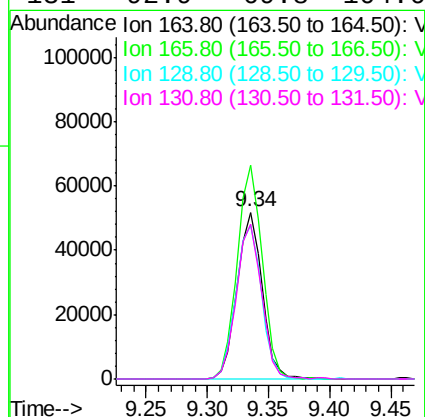
Manual Integrations
APPROVED

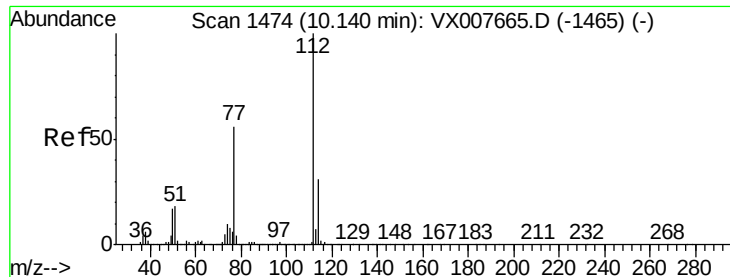
MMDadoda
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#64
Tetrachloroethene
Concen: 19.659 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.0	151.4
129	91.7	70.5	105.7
131	92.9	69.8	104.6





#65

Chlorobenzene

Concen: 19.772 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion:112 Resp: 195556

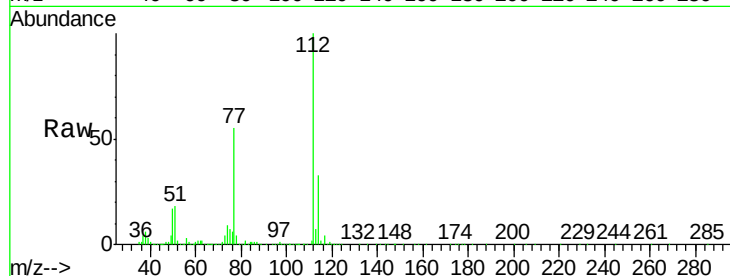
Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.6

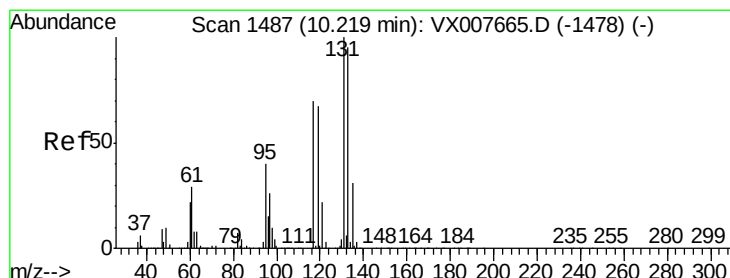
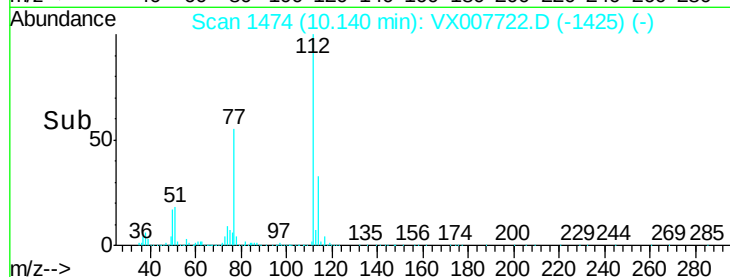
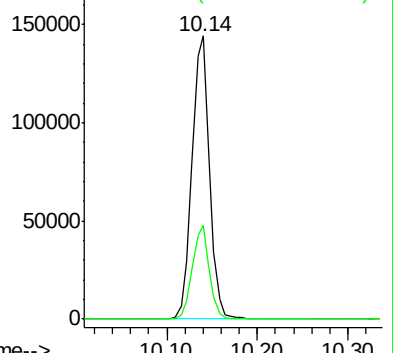
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.112 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

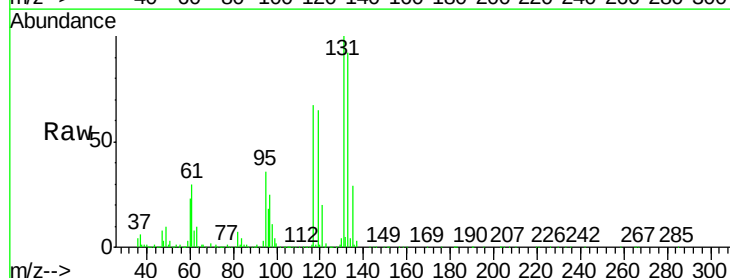
Tgt Ion:131 Resp: 69388

Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.2

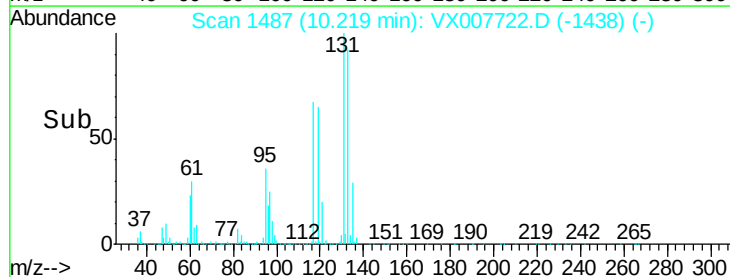
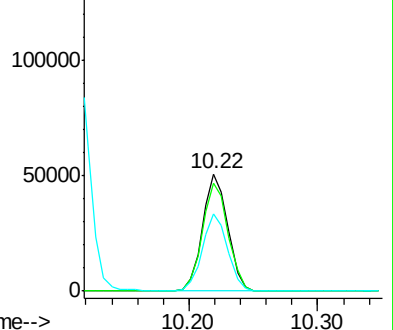
119 65.9 32.0 96.0

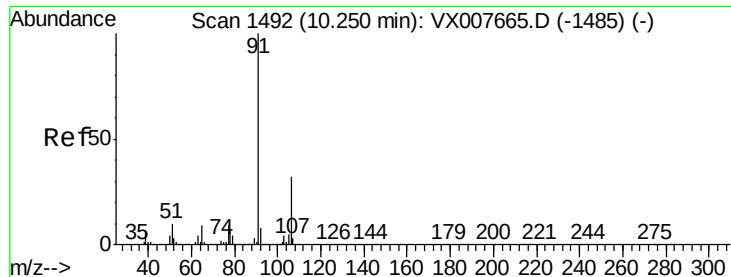


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.703 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion: 91 Resp: 322822

Ion Ratio Lower Upper

91 100

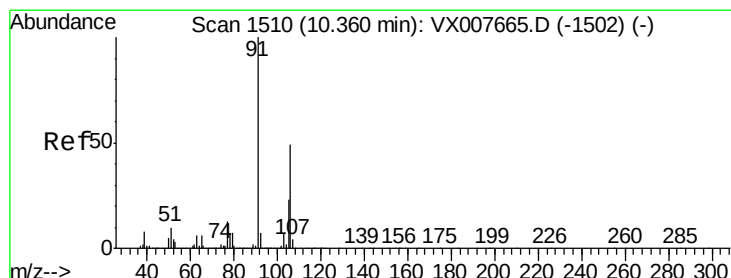
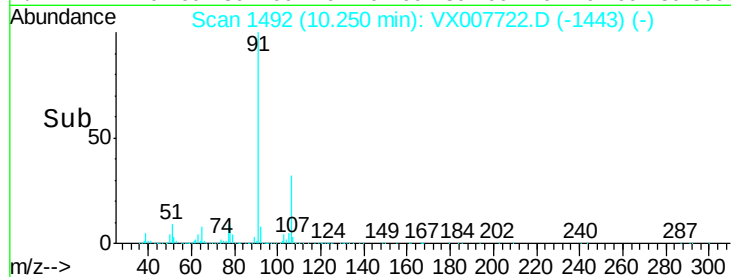
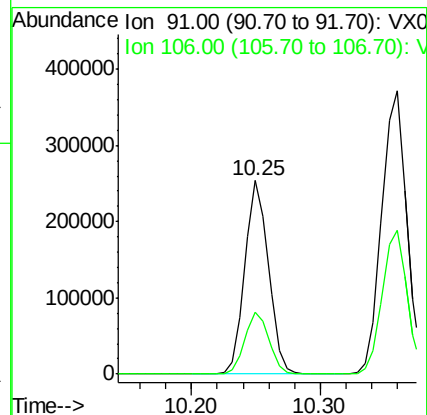
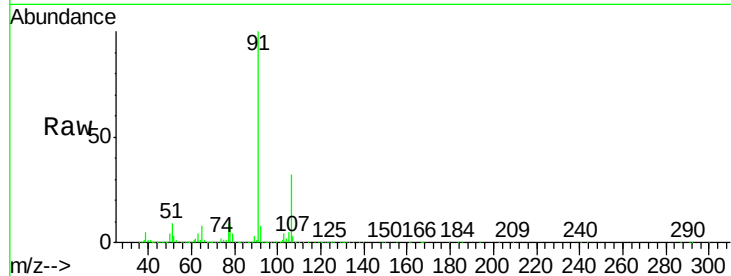
106 31.9 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.357 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007722.D

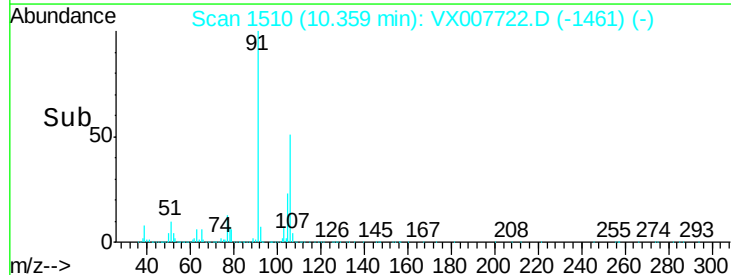
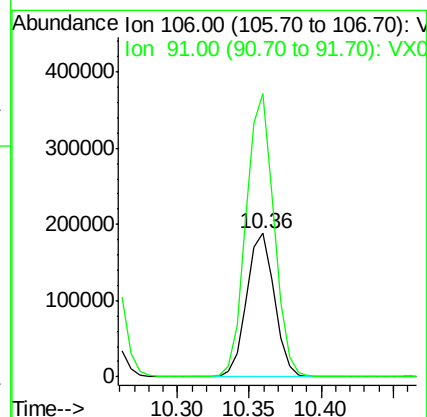
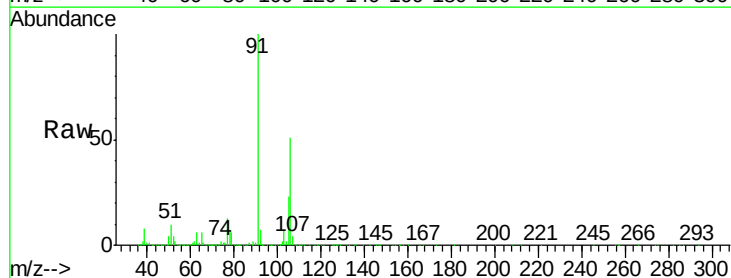
Acq: 26 Feb 2019 19:06

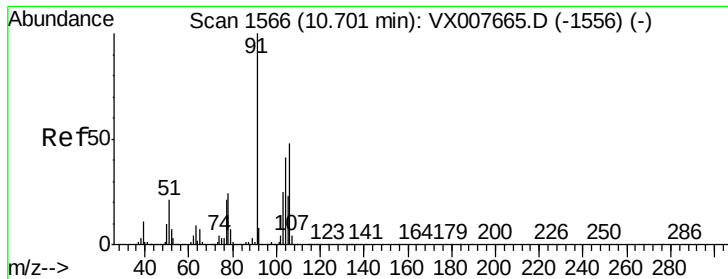
Tgt Ion: 106 Resp: 250864

Ion Ratio Lower Upper

106 100

91 198.3 156.6 234.8





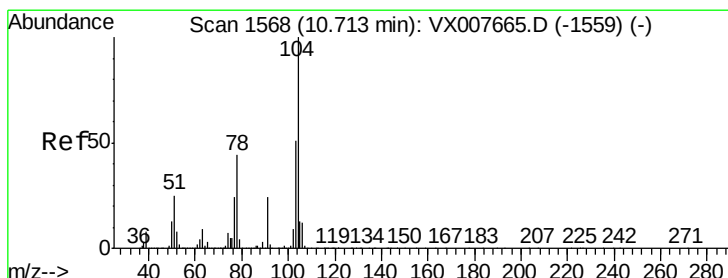
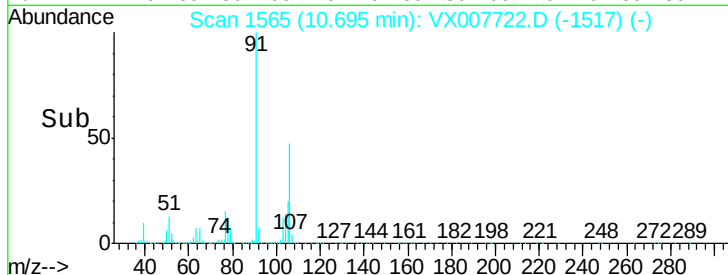
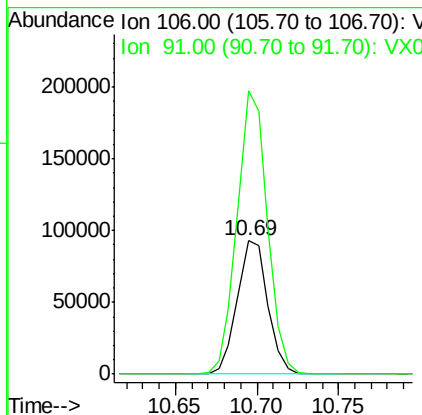
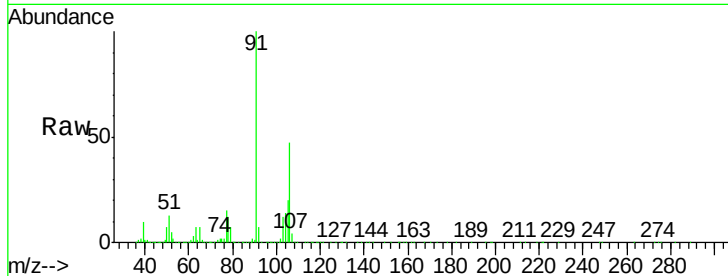
#69
o-Xylene
Concen: 19.897 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleID :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.8	102.9	308.7

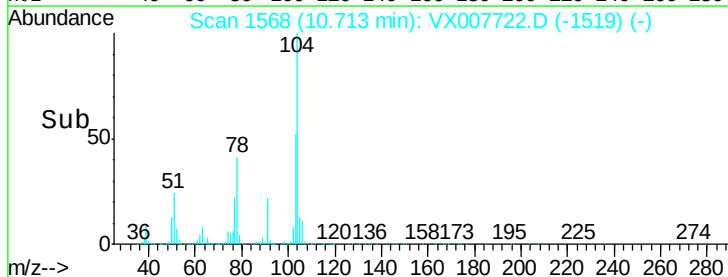
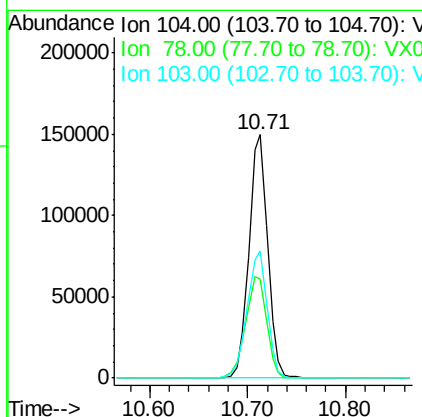
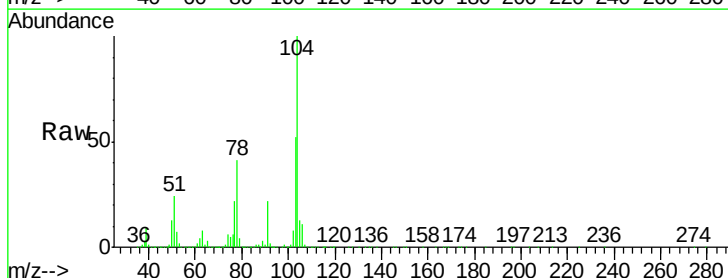
Manual Integrations
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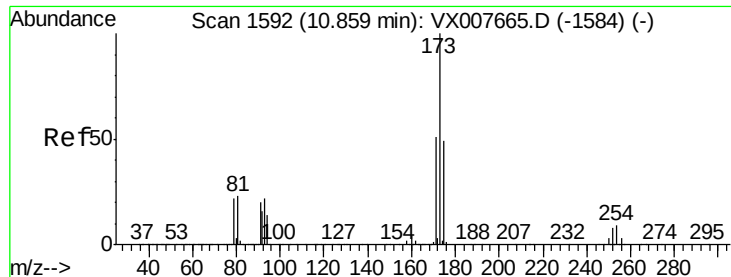
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#70
Styrene
Concen: 19.832 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	38.3	57.5
103	56.2	44.6	67.0





#71

Bromoform

Concen: 18.685 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

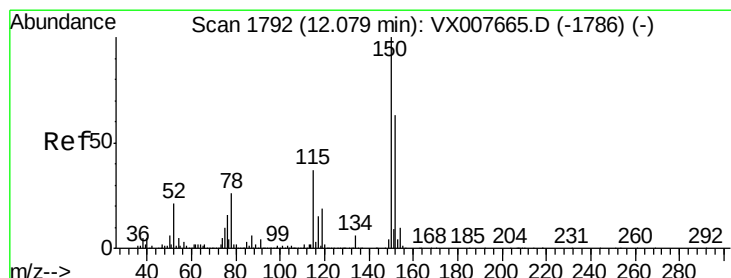
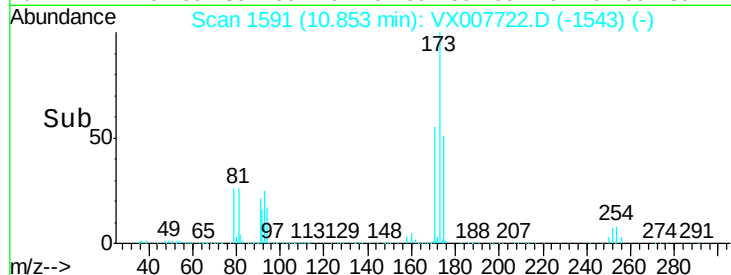
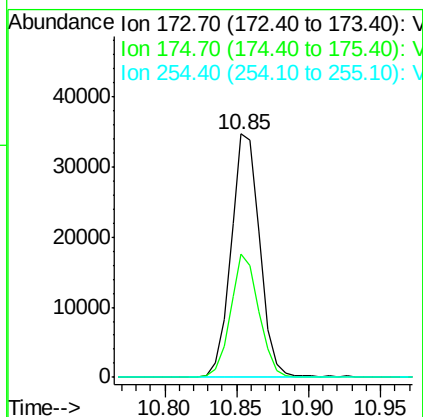
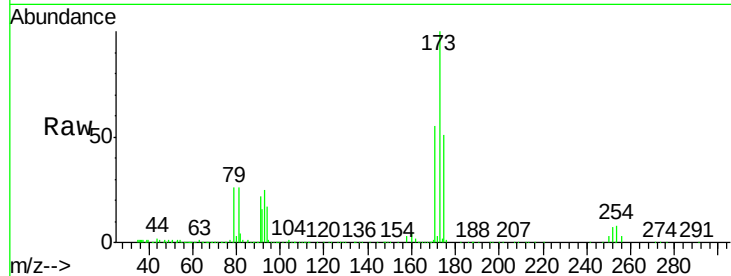
ClientSampleId :

VX0226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
173	100	48342		
175	49.8	24.2	72.6	
254	0.1	0.2	0.2	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

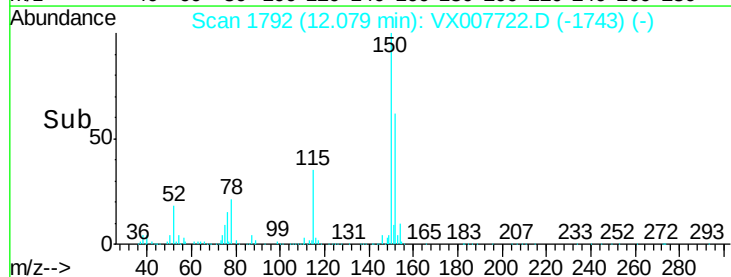
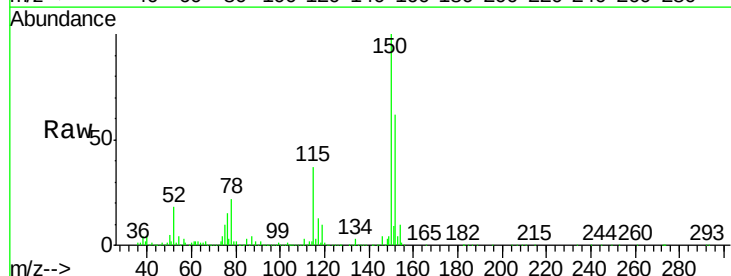
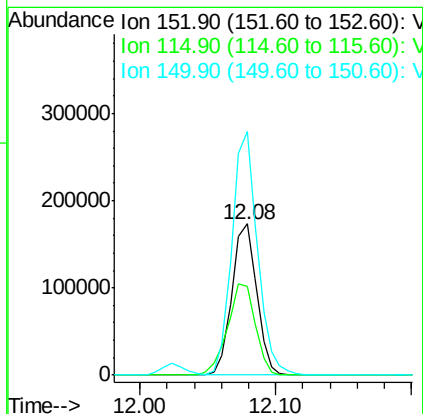
RT: 12.08 min Scan# 1792

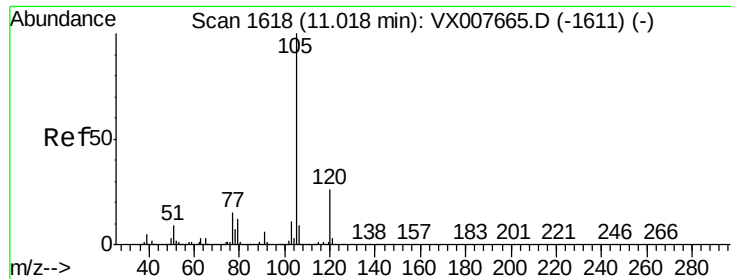
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	219939		
115	67.7	38.0	114.0	
150	165.4	0.0	346.4	





#73

Isopropylbenzene

Concen: 20.707 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion:105 Resp: 325497

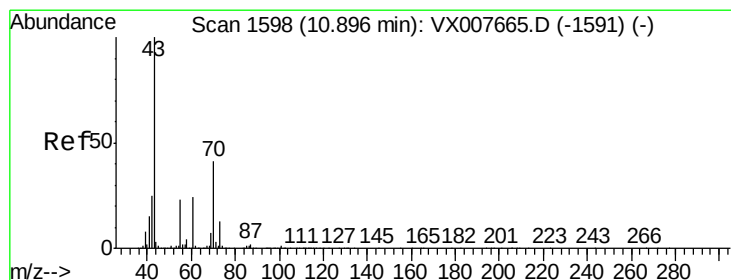
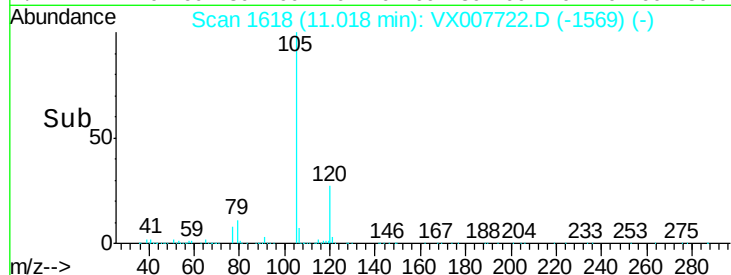
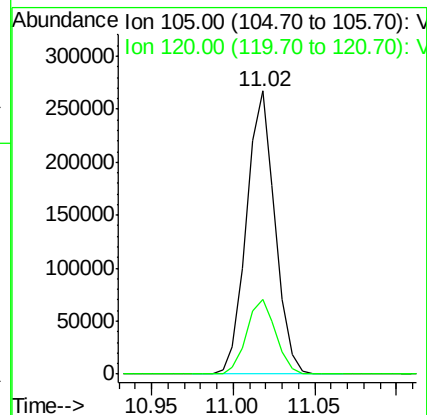
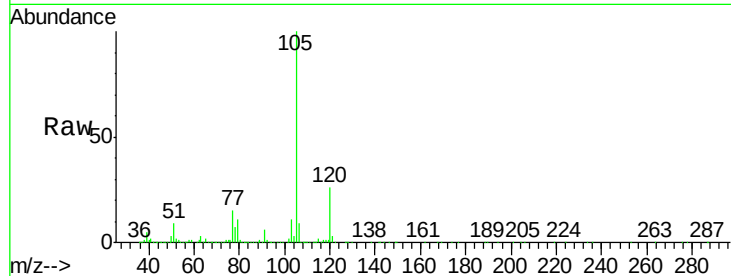
Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7

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#74

N-ethyl acetate

Concen: 20.034 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion: 43 Resp: 136754

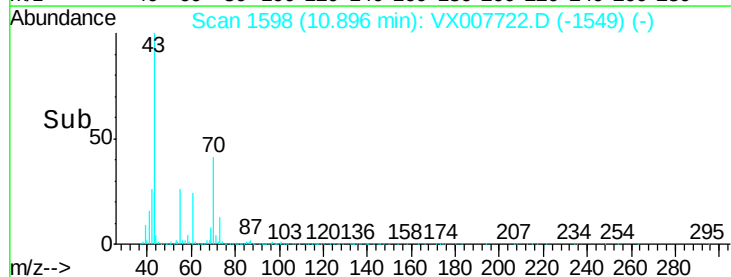
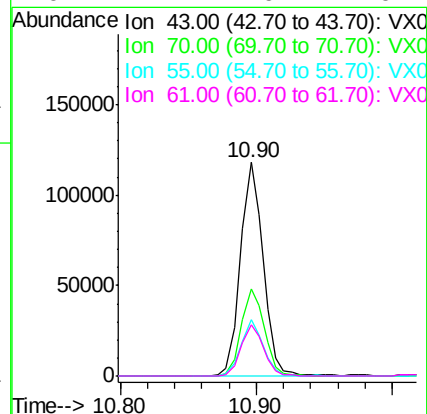
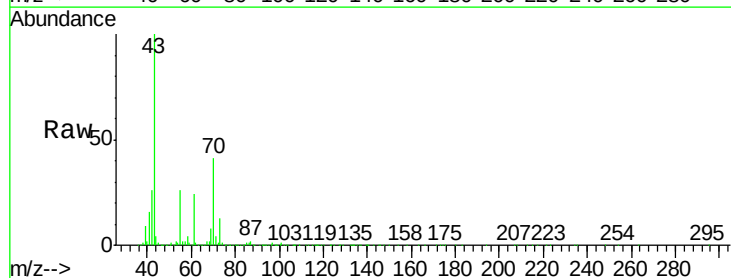
Ion Ratio Lower Upper

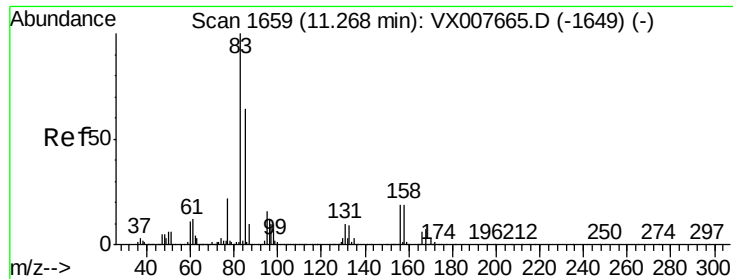
43 100

70 41.3 33.8 50.6

55 25.5 19.5 29.3

61 24.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.588 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

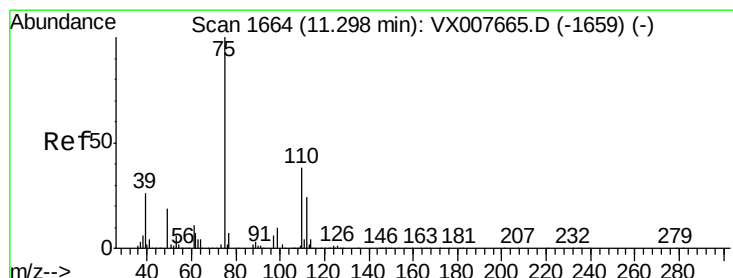
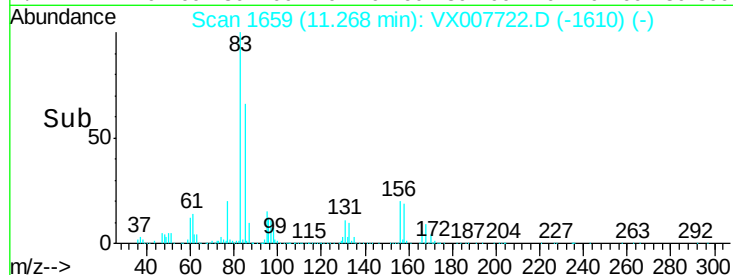
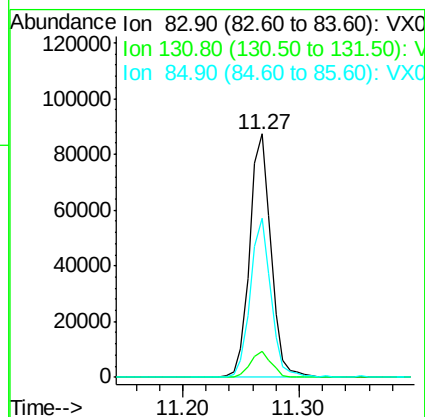
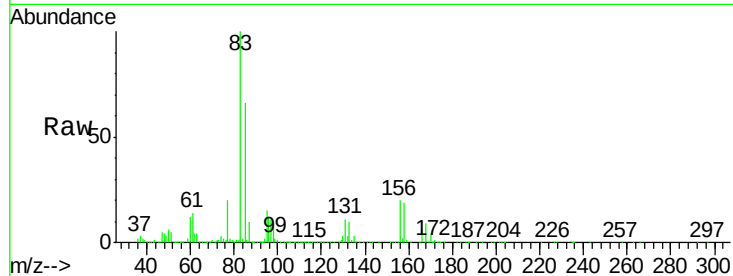
ClientSampleId :

VX0226WBSD01

Tot Ion:	83	Resp:	111932
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	63.7	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 22.544 ug/l m

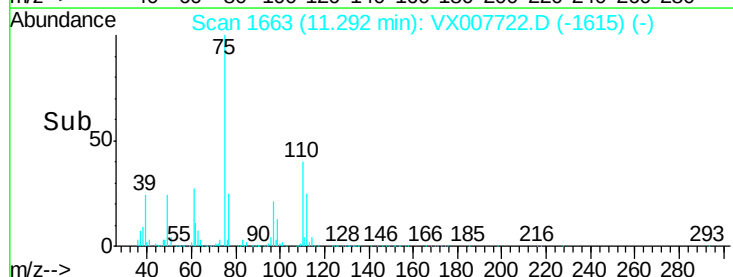
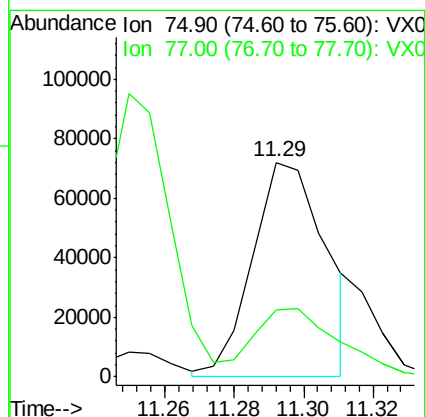
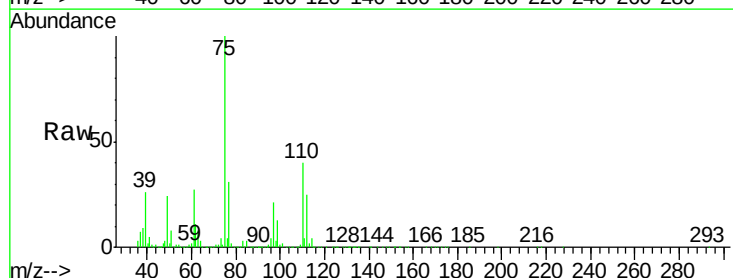
RT: 11.29 min Scan# 1663

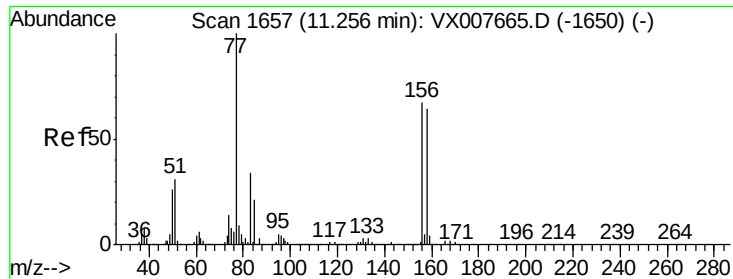
Delta R.T. -0.01 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	75	Resp:	105690
Ion Ratio	Lower	Upper	
75	100		
77	37.2	23.0	69.0





#77

Bromobenzene

Concen: 21.235 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion:156 Resp: 83724

Ion Ratio Lower Upper

156 100

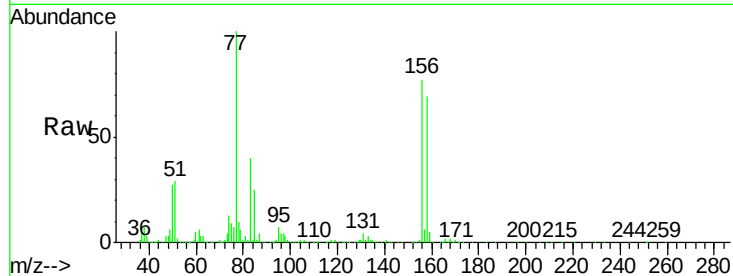
77 147.3 66.8 200.6

158 95.3 47.9 143.8

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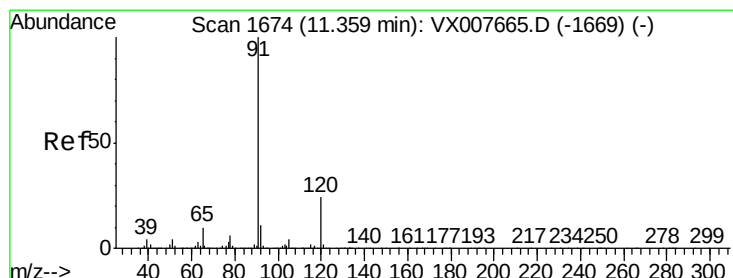
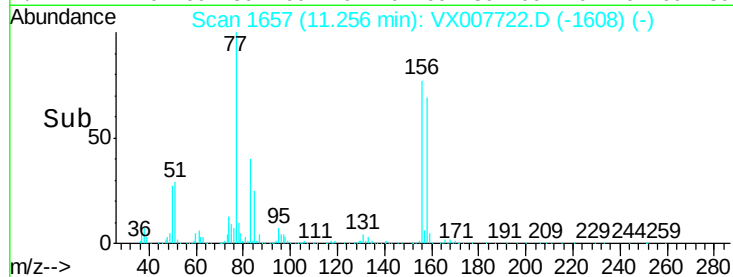
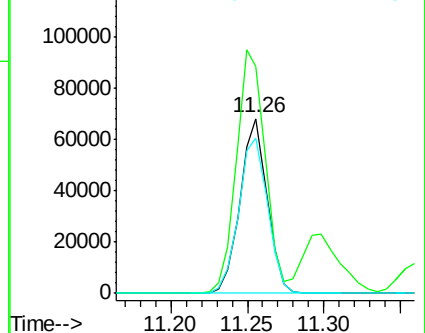
2/27/2019 10:07:02 AM



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: 20.485 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007722.D

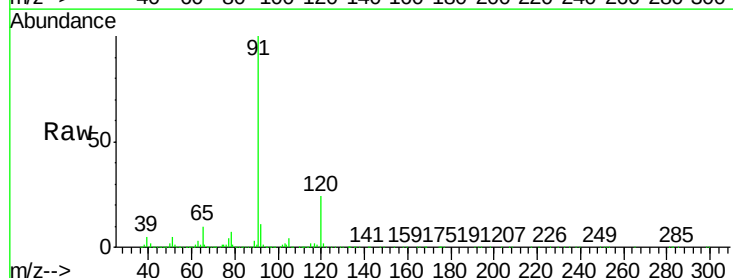
Acq: 26 Feb 2019 19:06

Tgt Ion: 91 Resp: 363882

Ion Ratio Lower Upper

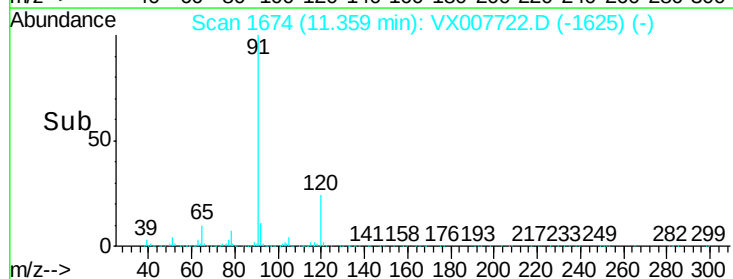
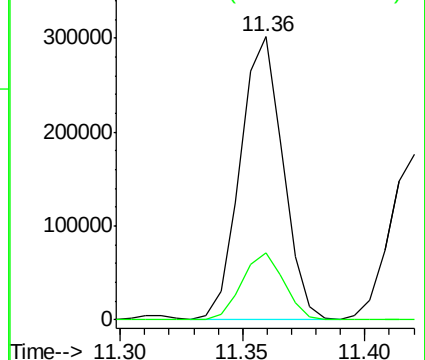
91 100

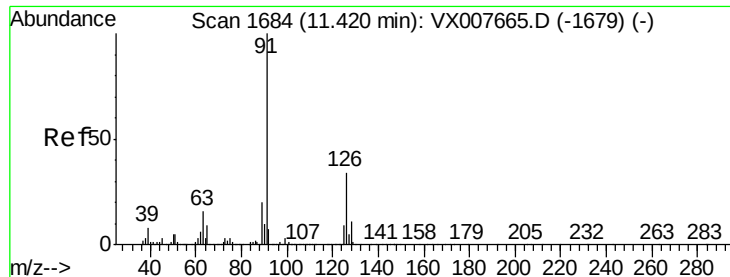
120 23.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.111 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampled :

VX0226WBSD01

Tot Ion: 91 Resp: 215101

Ion Ratio Lower Upper

91 100

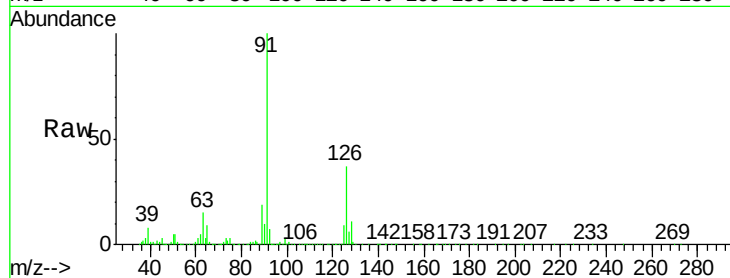
126 37.1 18.7 56.1

Manual Integrations

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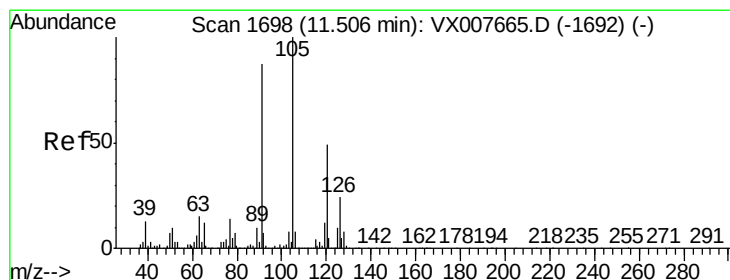
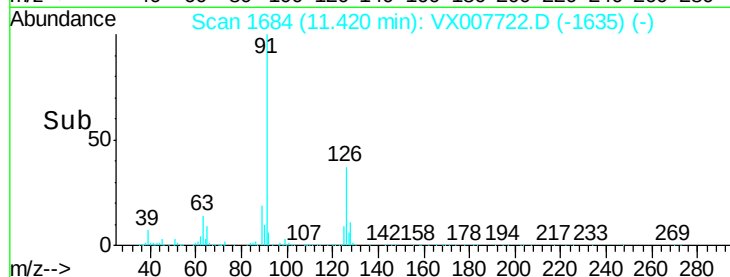
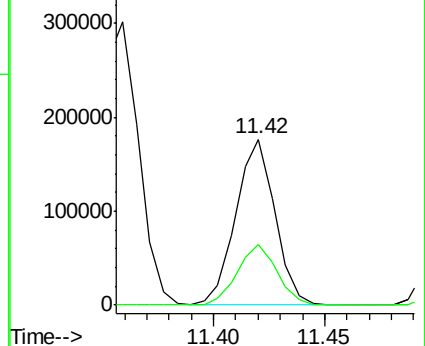
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.679 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007722.D

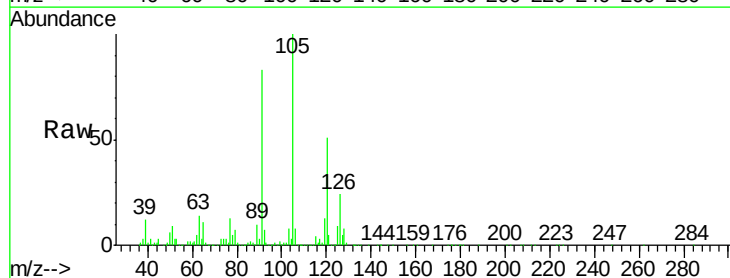
Acq: 26 Feb 2019 19:06

Tgt Ion: 105 Resp: 267385

Ion Ratio Lower Upper

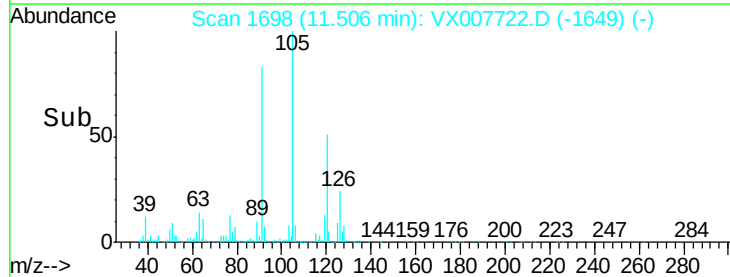
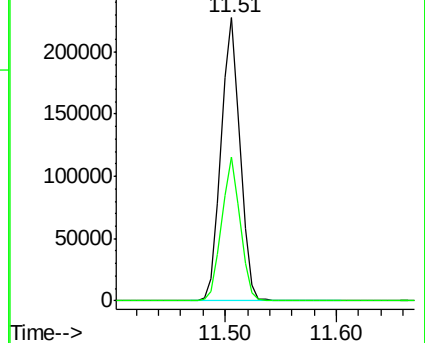
105 100

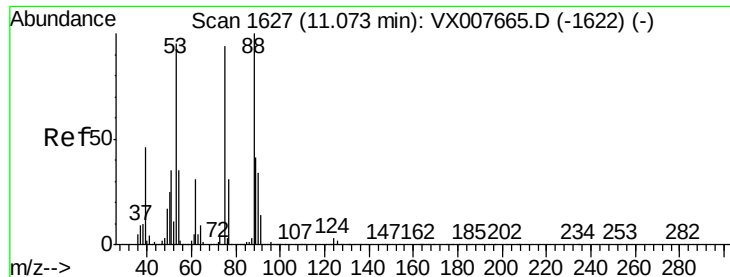
120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





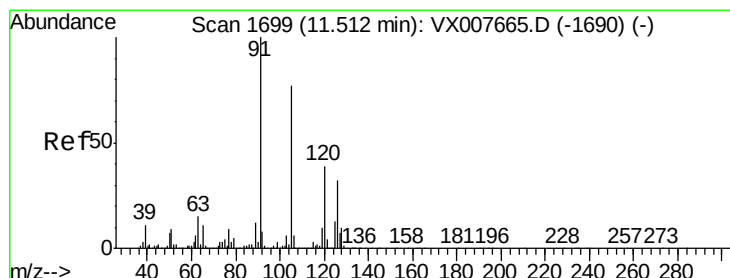
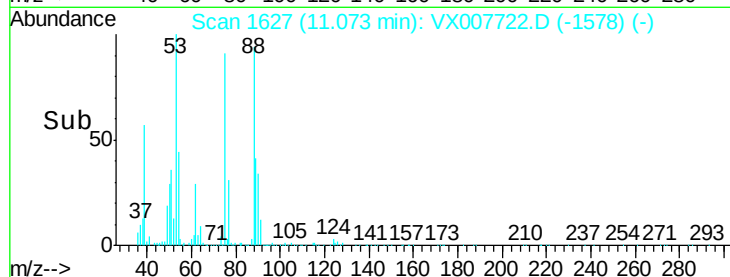
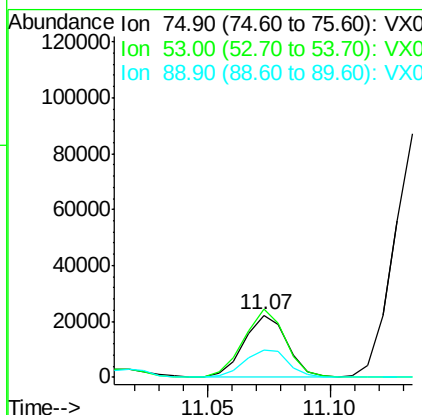
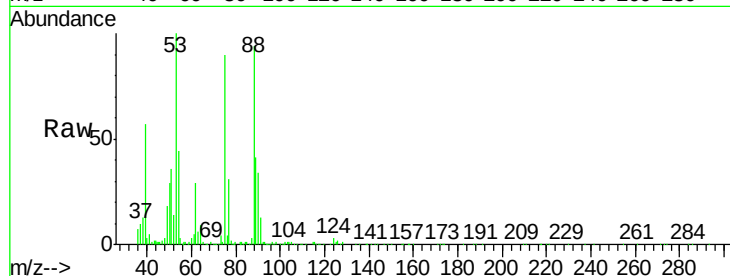
#81
trans-1,4-Dichloro-2-butene
Concen: 17.566 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.2	81.0	121.6
89	46.9	41.4	62.0

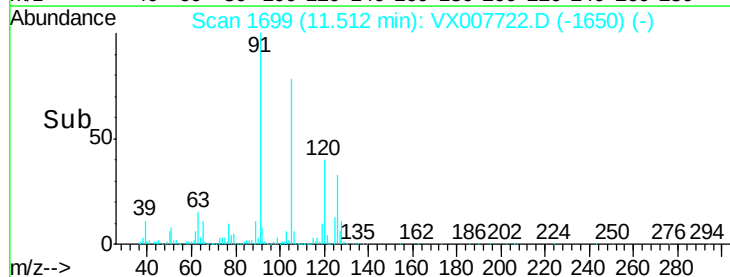
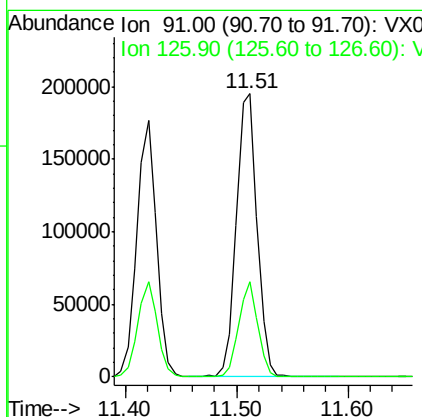
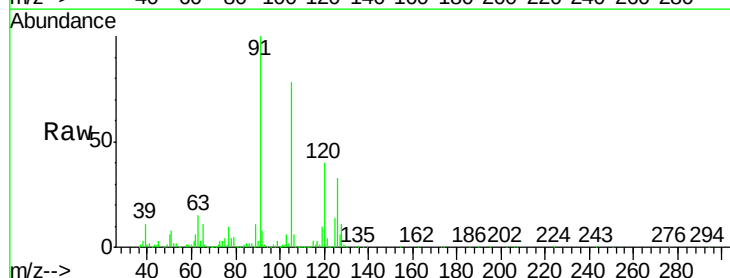
Manual Integrations
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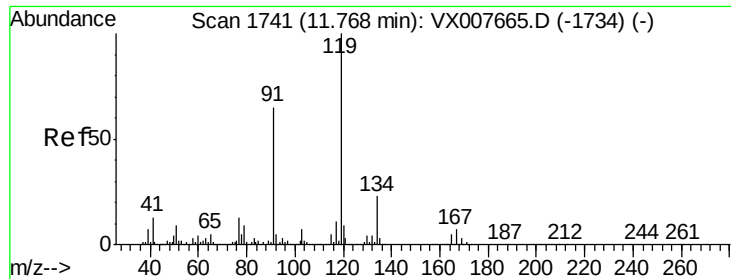
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.004 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	16.2	48.5





#83

tert-Butylbenzene

Concen: 20.534 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

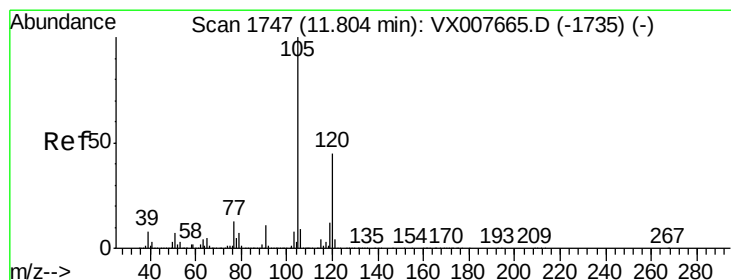
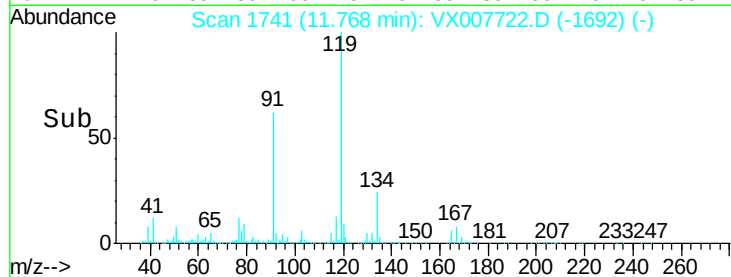
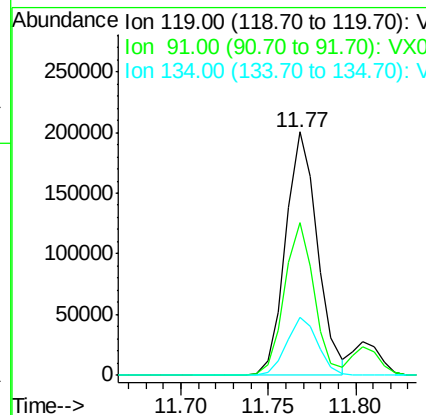
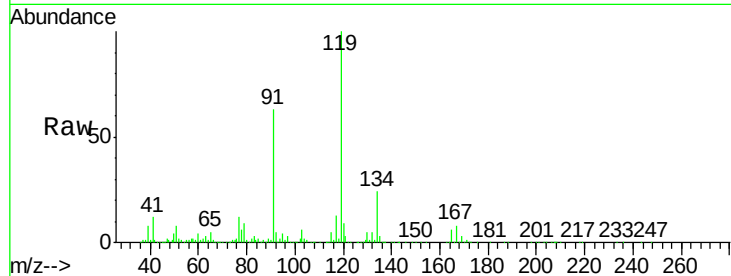
ClientSampleId :

VX0226WBSD01

Tot Ion:	119	Resp:	254918
Ion Ratio	Lower	Upper	
119	100		
91	58.6	28.5	85.6
134	23.8	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 20.604 ug/l

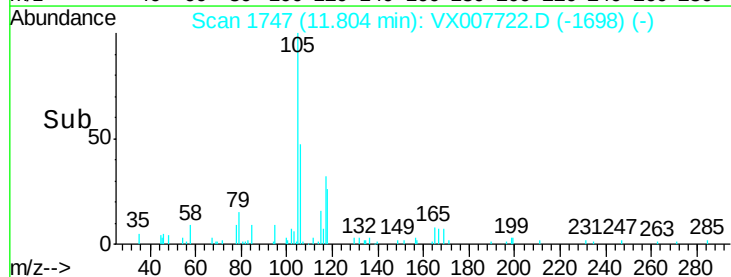
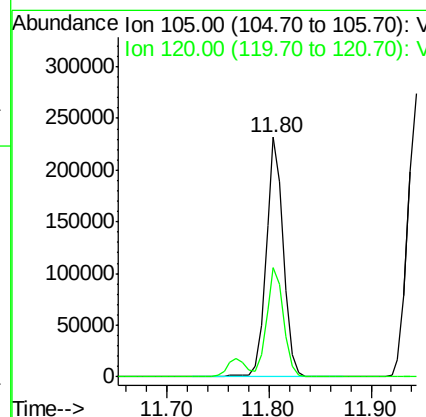
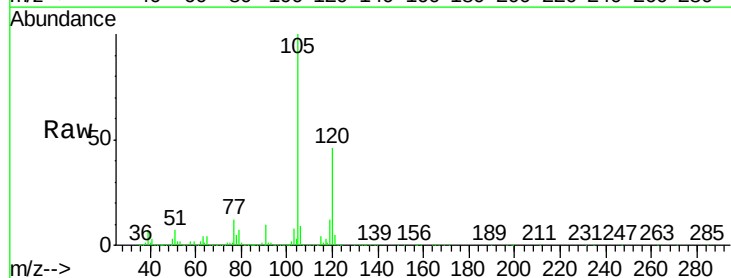
RT: 11.80 min Scan# 1747

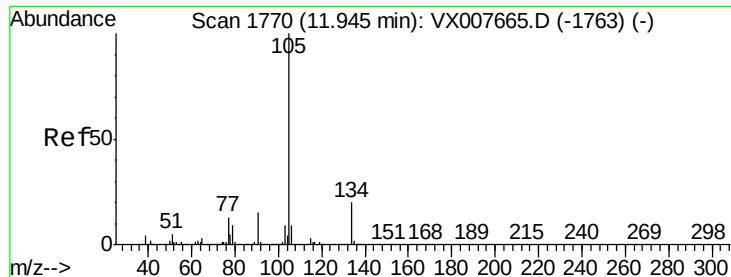
Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	105	Resp:	272508
Ion Ratio	Lower	Upper	
105	100		
120	44.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.583 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tot Ion:105 Resp: 320208

Ion Ratio Lower Upper

105 100

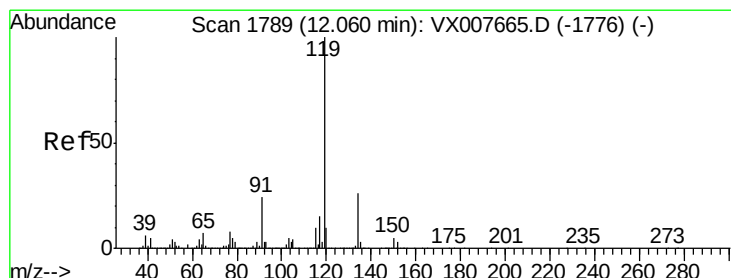
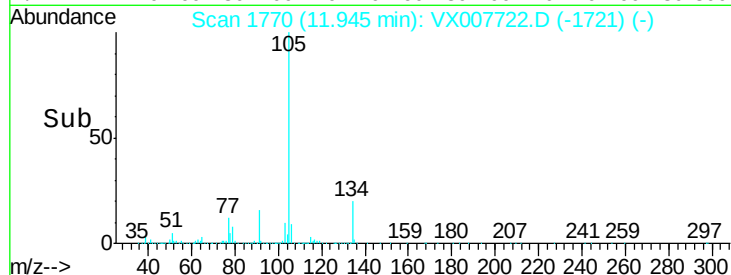
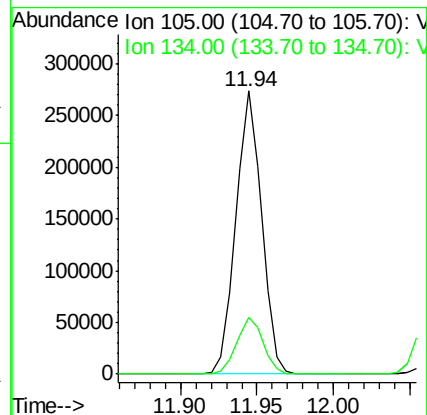
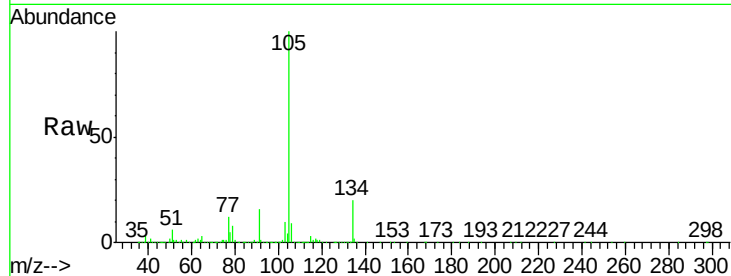
134 20.7 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.091 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

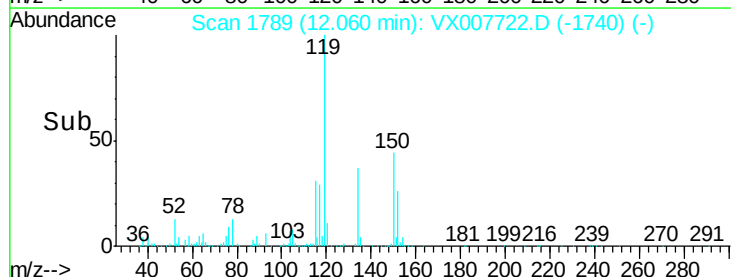
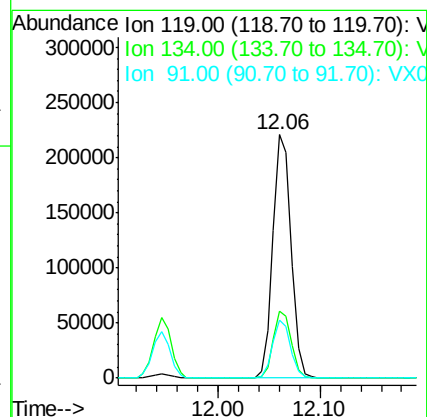
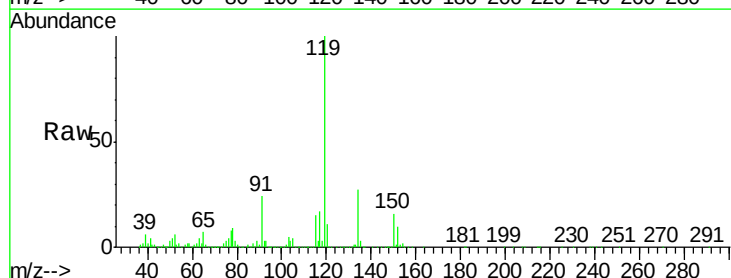
Tgt Ion:119 Resp: 273726

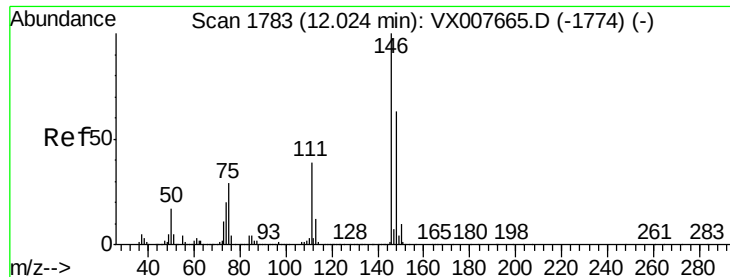
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 23.6 11.2 33.5





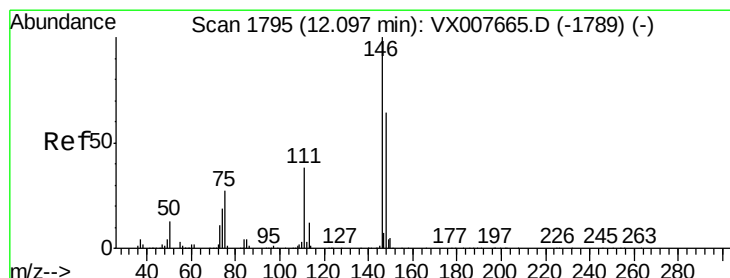
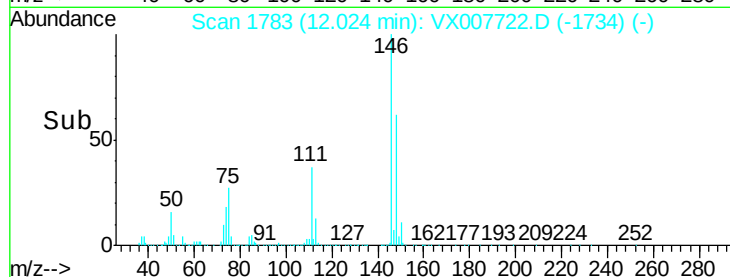
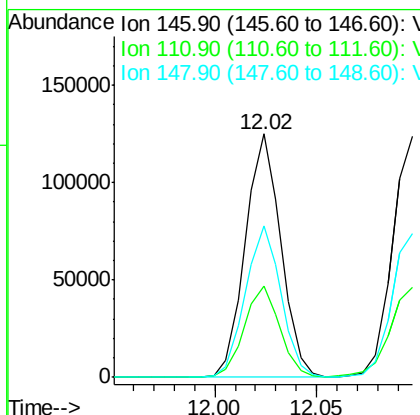
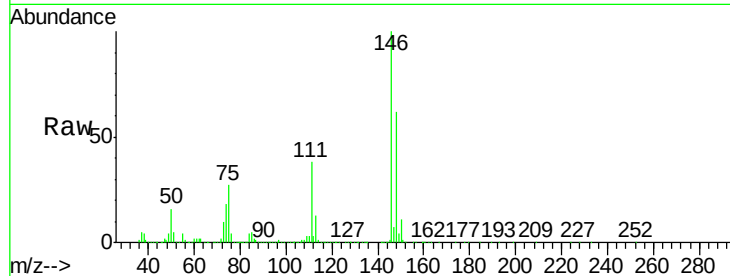
#87
 1,3-Dichlorobenzene
 Concen: 20.650 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	62.7	32.0	96.2

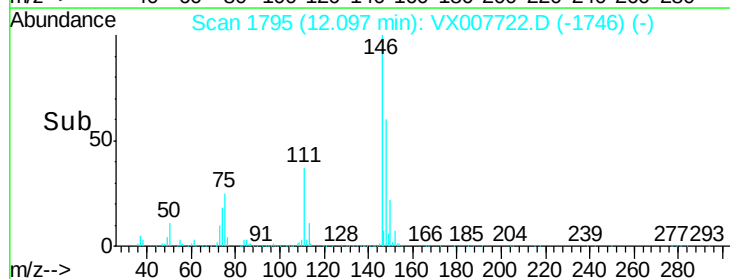
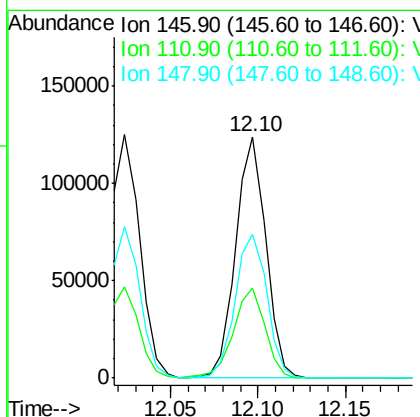
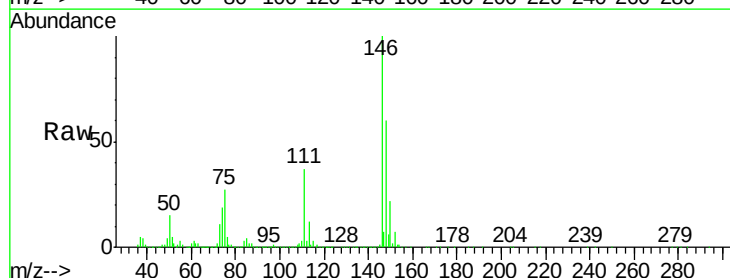
Manual Integrations
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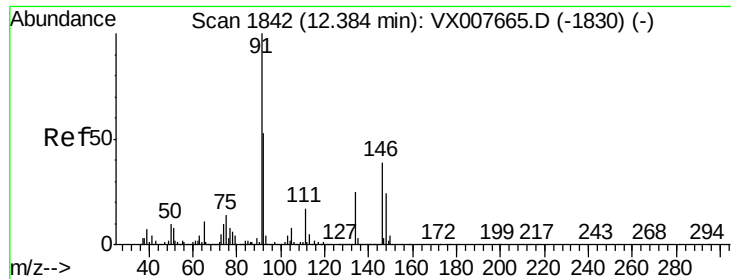
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#88
 1,4-Dichlorobenzene
 Concen: 19.837 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.1	54.1
148	62.8	32.3	96.9





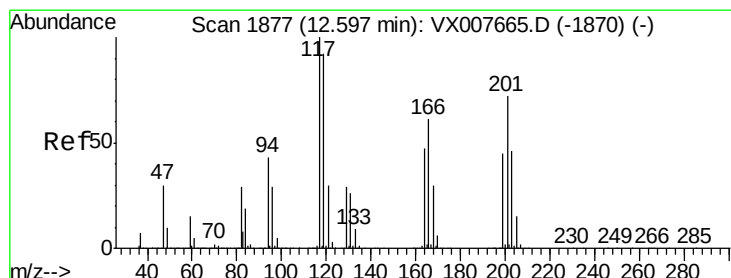
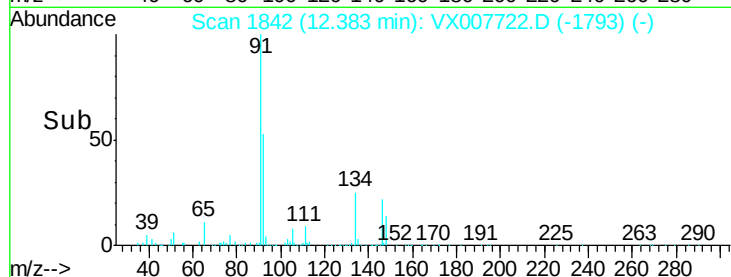
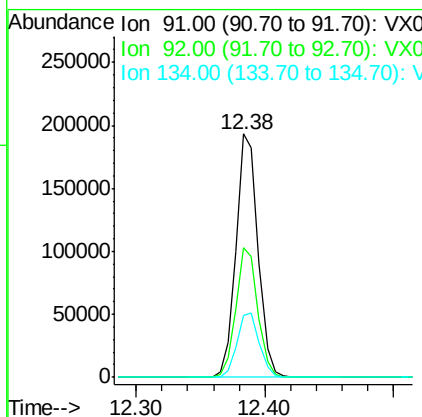
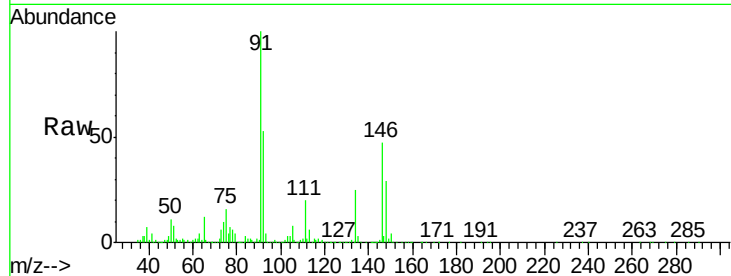
#89
n-Butylbenzene
Concen: 18.918 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	229855		
92	53.1	26.3	78.9	
134	26.9	13.9	41.6	

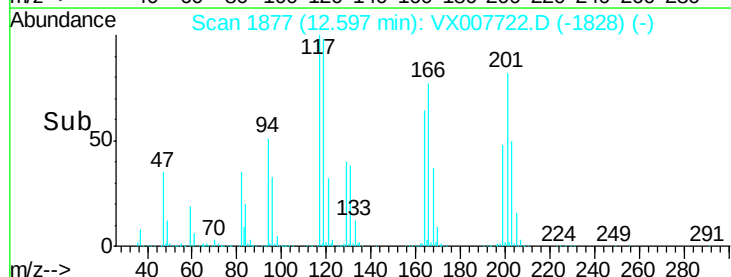
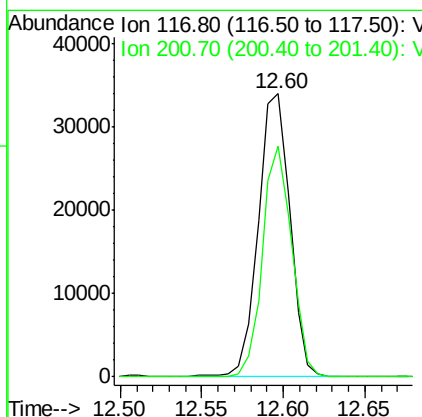
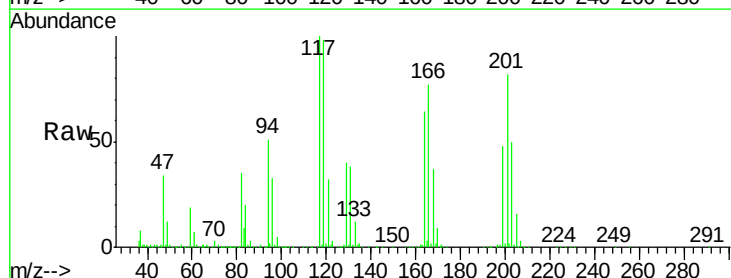
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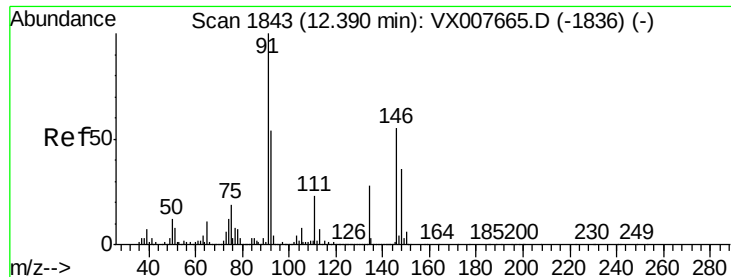
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#90
Hexachloroethane
Concen: 20.096 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	46132		
201	74.7	44.9	134.7	





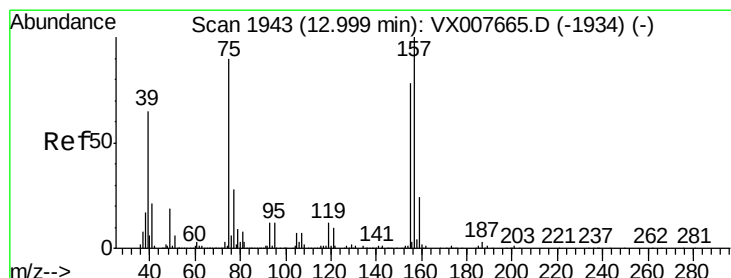
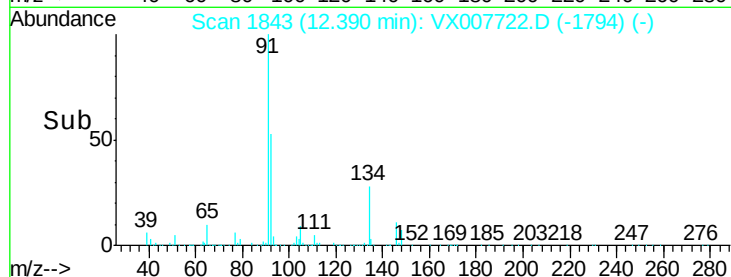
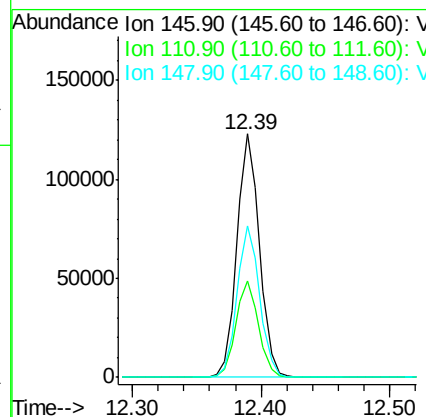
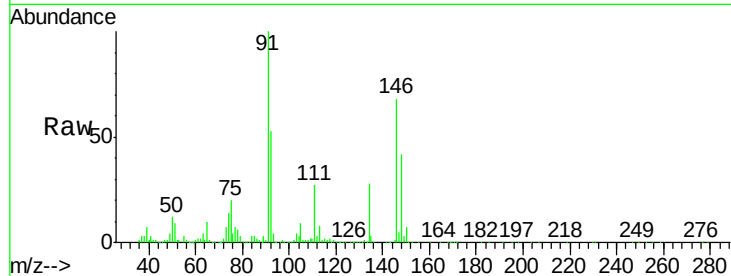
#91
 1,2-Dichlorobenzene
 Concen: 20.623 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	150906		
111	39.9	19.1	57.3	
148	62.5	32.1	96.3	

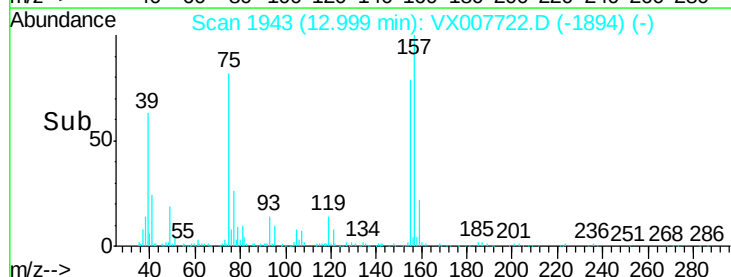
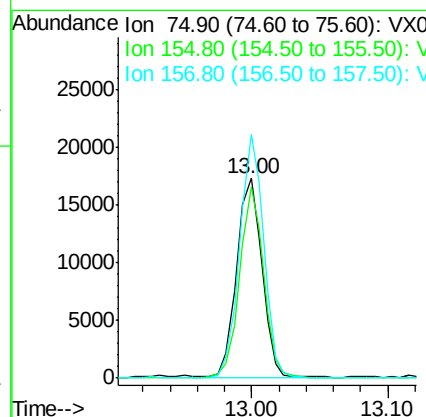
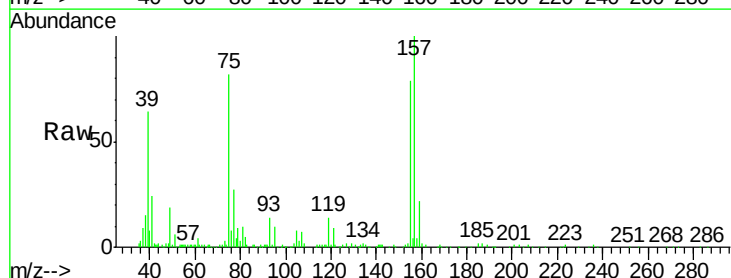
Manual Integrations
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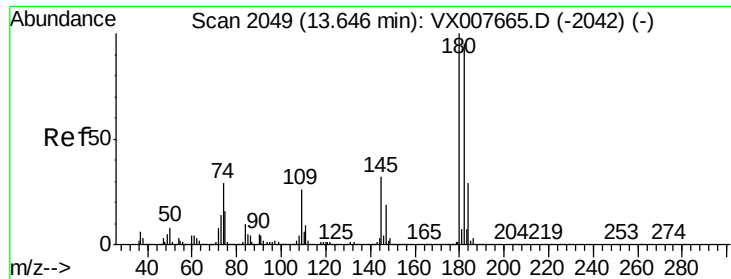
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.874 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007722.D
 Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22358		
155	91.4	49.6	149.0	
157	116.5	65.1	195.3	





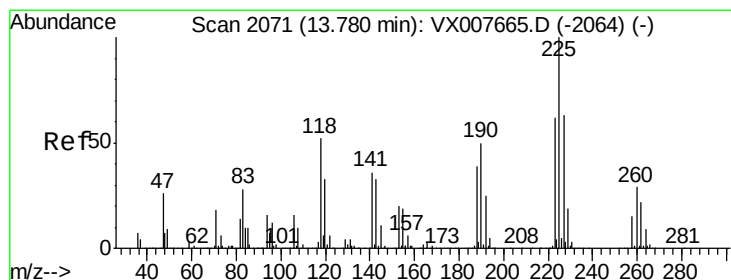
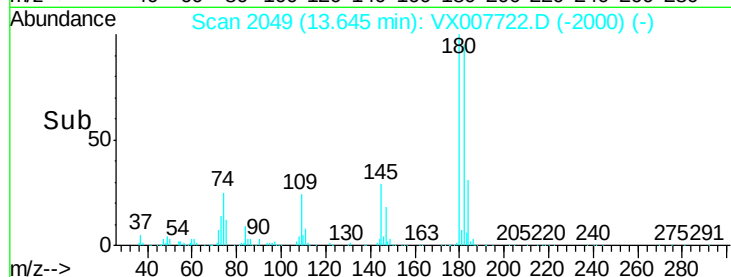
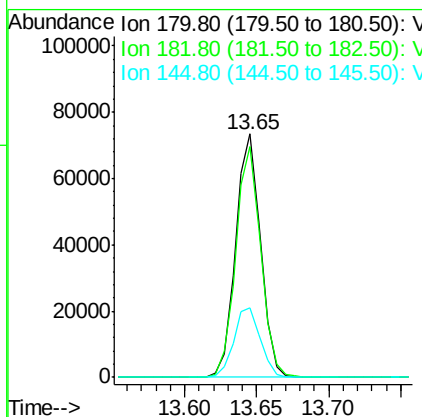
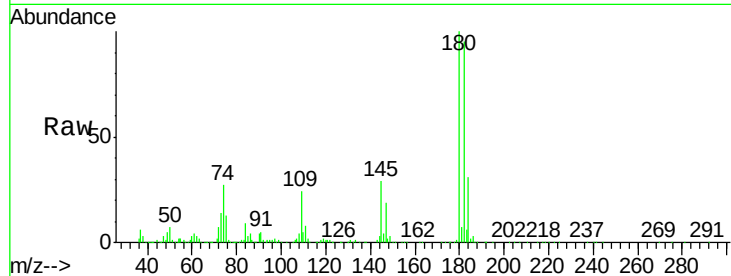
#93
1,2,4-Trichlorobenzene
Concen: 19.792 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	30.7	14.1	42.2

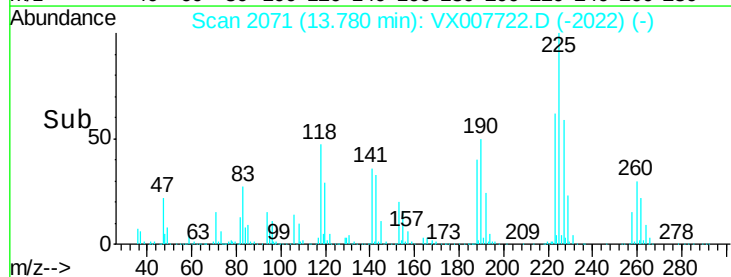
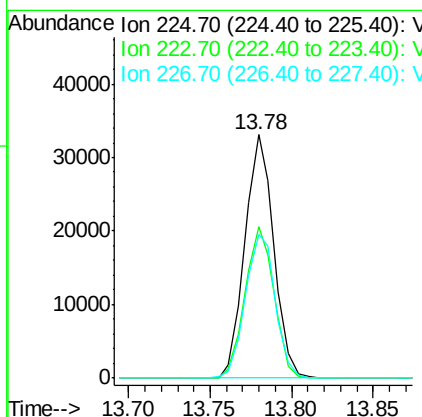
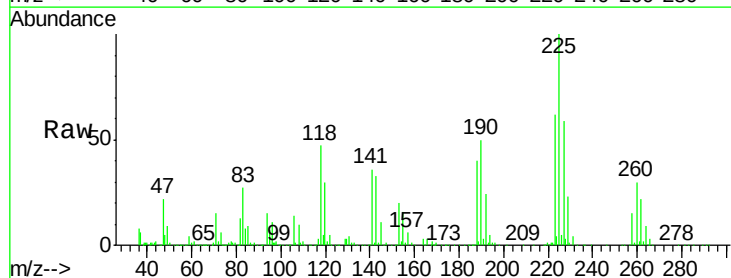
Manual Integrations
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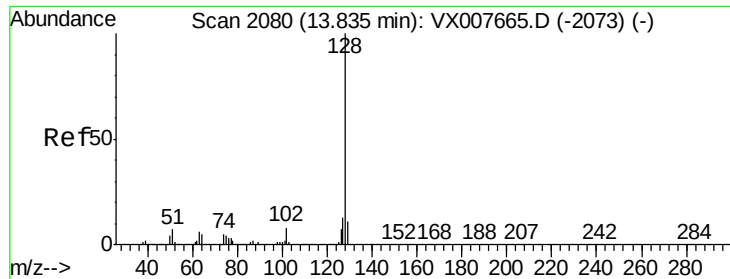
MMDadoda
2/27/2019 10:07:02 AM



#94
Hexachlorobutadiene
Concen: 19.992 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007722.D
Acq: 26 Feb 2019 19:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	94.8
227	61.1	32.1	96.3





#95

Naphthalene

Concen: 20.615 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Instrument :

MSVOA_X

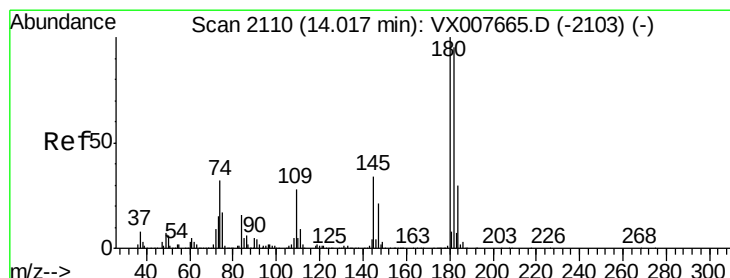
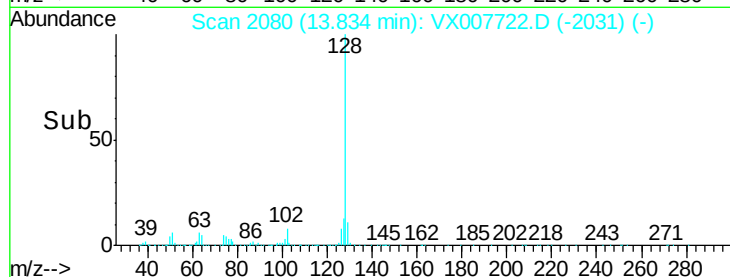
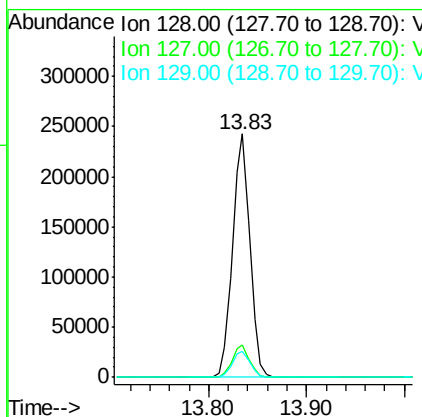
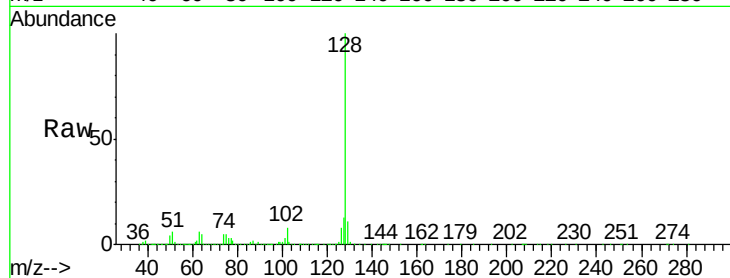
ClientSampleId :

VX0226WBSD01

Tot Ion:	128	Resp:	298323
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/27/2019 10:07:02 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.594 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007722.D

Acq: 26 Feb 2019 19:06

Tgt Ion:	180	Resp:	92363
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.5	142.6
145	31.8	14.9	44.5

