

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007667.D
 Acq On : 25 Feb 2019 12:01
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 2:57:45 PM

Quant Time: Feb 25 12:22:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 11:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	344388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	554159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	516699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	657535	155.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.42%	
35) Dibromofluoromethane	5.50	113	550648	148.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.62%	
50) Toluene-d8	8.71	98	2194740	155.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.98%	
62) 4-Bromofluorobenzene	11.14	95	894448	178.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	356.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	473228	149.000	ug/l	99
3) Chloromethane	1.33	50	520715	147.746	ug/l	99
4) Vinyl Chloride	1.41	62	527627	145.566	ug/l	100
5) Bromomethane	1.64	94	331258	123.670	ug/l	99
6) Chloroethane	1.71	64	314350	133.989	ug/l	99
7) Trichlorofluoromethane	1.92	101	811826	146.204	ug/l	98
8) Diethyl Ether	2.19	74	330449	144.776	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	470709	139.151	ug/l	93
10) Methyl Iodide	2.51	142	654690	159.271	ug/l	97
11) Tert butyl alcohol	3.10	59	638921	799.893	ug/l	99
12) 1,1-Dichloroethene	2.37	96	455818	151.577	ug/l	92
13) Acrolein	2.30	56	540671	752.170	ug/l	100
14) Allyl chloride	2.73	41	863822	156.140	ug/l	98
15) Acrylonitrile	3.16	53	1432610	752.560	ug/l	99
16) Acetone	2.46	43	1322425	687.403	ug/l	98
17) Carbon Disulfide	2.56	76	1322851	159.510	ug/l	99
18) Methyl Acetate	2.78	43	616009	148.576	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	1606142	153.744	ug/l	98
20) Methylene Chloride	2.85	84	487518	137.195	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	484804	147.649	ug/l	91
22) Diisopropyl ether	3.87	45	1885580	165.399	ug/l	98
23) Vinyl Acetate	3.83	43	8417014	844.806	ug/l	99
24) 1,1-Dichloroethane	3.70	63	942706	149.513	ug/l	99
25) 2-Butanone	4.71	43	2199118	763.268	ug/l	99
26) 2,2-Dichloropropane	4.59	77	781431	156.460	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	608608	145.287	ug/l	94
28) Bromochloromethane	5.02	49	453900	147.550	ug/l	85
29) Tetrahydrofuran	5.16	42	1509632	801.634	ug/l	97
30) Chloroform	5.22	83	1030583	153.219	ug/l	98
31) Cyclohexane	5.57	56	909593	154.156	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	883075	159.928	ug/l	98
36) 1,1-Dichloropropene	5.80	75	766990	154.764	ug/l	97
37) Ethyl Acetate	4.86	43	872146	159.201	ug/l	100
38) Carbon Tetrachloride	5.78	117	778012	156.601	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	944656	150.031	ug/l	96
40) Benzene	6.14	78	2314273	150.575	ug/l	100
41) Methacrylonitrile	5.07	41	478415	164.496	ug/l	98
42) 1,2-Dichloroethane	6.20	62	808830	157.834	ug/l	99
43) Isopropyl Acetate	6.46	43	1398577	167.368	ug/l	99
44) Trichloroethene	7.21	130	616627	144.929	ug/l	93
45) 1,2-Dichloropropane	7.52	63	605151	152.286	ug/l	100
46) Dibromomethane	7.66	93	405907	145.280	ug/l	90
47) Bromodichloromethane	7.90	83	783533	165.476	ug/l	99
48) Methyl methacrylate	7.77	41	715160	162.382	ug/l	97
49) 1,4-Dioxane	7.76	88	297059	3097.145	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	4727559	847.068	ug/l	100
52) Toluene	8.79	92	1518385	157.949	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	950461	187.296	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	986643	173.146	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	618543	153.552	ug/l	98
56) Ethyl methacrylate	9.18	69	996719	178.870	ug/l	98
57) 1,3-Dichloropropane	9.37	76	998325	155.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2537479	810.948	ug/l	95
59) 2-Hexanone	9.50	43	3789843	869.073	ug/l	100
60) Dibromochloromethane	9.59	129	670770	177.673	ug/l	99
61) 1,2-Dibromoethane	9.67	107	658826	158.366	ug/l	100
64) Tetrachloroethene	9.34	164	576124	135.069	ug/l	95
65) Chlorobenzene	10.14	112	1646196	146.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	592828	152.502	ug/l	99
67) Ethyl Benzene	10.25	91	2861310	155.509	ug/l	98
68) m/p-Xylenes	10.36	106	2238765	313.127	ug/l	93
69) o-Xylene	10.70	106	1105268	161.611	ug/l	93
70) Styrene	10.71	104	1896981	170.371	ug/l	97
71) Bromoform	10.86	173	524811	186.897	ug/l #	99
73) Isopropylbenzene	11.02	105	3017147	144.777	ug/l	99
74) N-amyl acetate	10.90	43	1488519	168.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	1037687	143.810	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	981774m	160.788	ug/l	
77) Bromobenzene	11.26	156	746678	142.480	ug/l	84
78) n-propylbenzene	11.36	91	3532095	151.035	ug/l	97
79) 2-Chlorotoluene	11.42	91	2095557	148.381	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	2542849	149.048	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	367569	187.264	ug/l	94
82) 4-Chlorotoluene	11.51	91	2518196	153.248	ug/l	95
83) tert-Butylbenzene	11.77	119	2482149	152.033	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	2628912	150.964	ug/l	97
85) sec-Butylbenzene	11.94	105	3102822	151.588	ug/l	98
86) p-Isopropyltoluene	12.07	119	2745159	153.458	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	1395733	143.795	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	1421591	142.856	ug/l	97
89) n-Butylbenzene	12.39	91	2595649	164.730	ug/l	98
90) Hexachloroethane	12.60	117	480560	160.717	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	1372200	140.820	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	242931	156.753	ug/l	81

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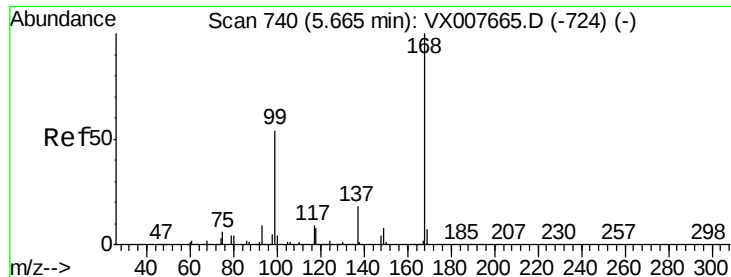
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	915597	156.671	ug/l	97
94) Hexachlorobutadiene	13.78	225	375354	137.418	ug/l	99
95) Naphthalene	13.83	128	3044398	161.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	881682	148.977	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: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion:168 Resp: 344388

Ion Ratio Lower Upper

168 100

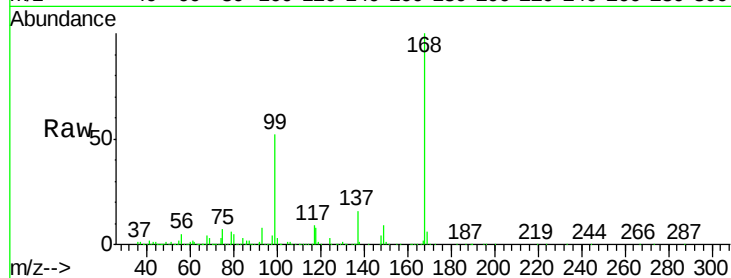
99 52.2 37.9 56.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

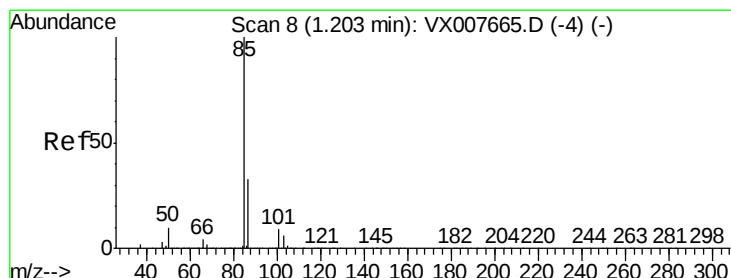
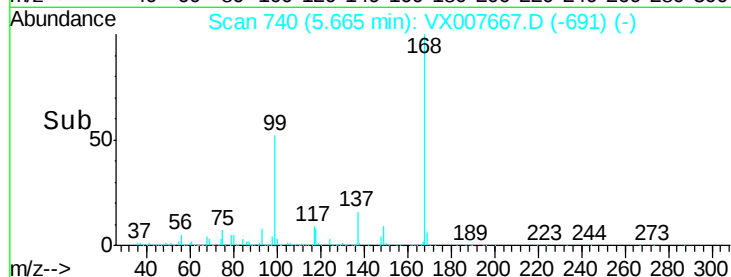
50000

0

5.50 5.60 5.70 5.80

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 149.000 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007667.D

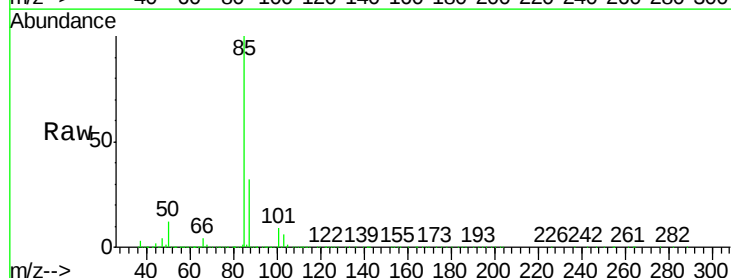
Acq: 25 Feb 2019 12:01

Tgt Ion: 85 Resp: 473228

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

500000

400000

300000

200000

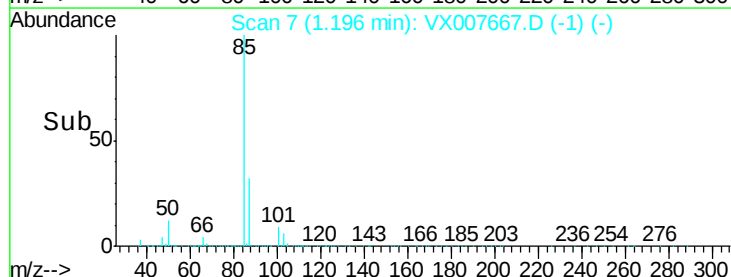
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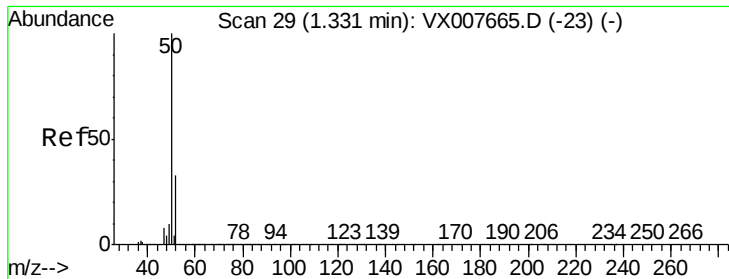
0

1.15 1.20 1.25 1.30

1.20

Time-->





#3

Chloromethane

Concen: 147.746 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 520715

Ion Ratio Lower Upper

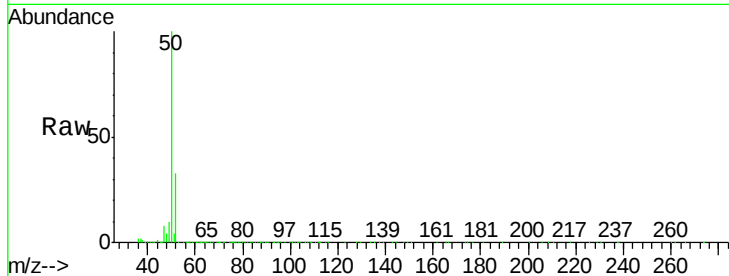
50 100

52 33.4 26.1 39.1

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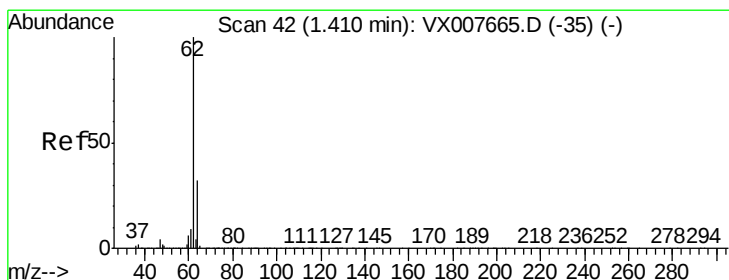
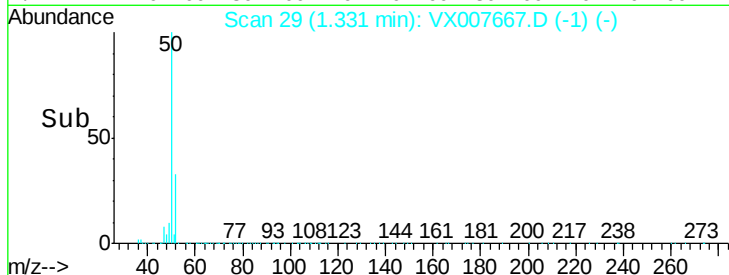
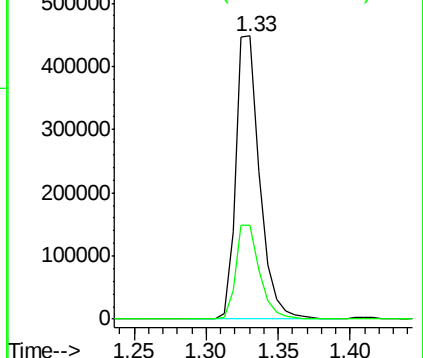
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 145.566 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007667.D

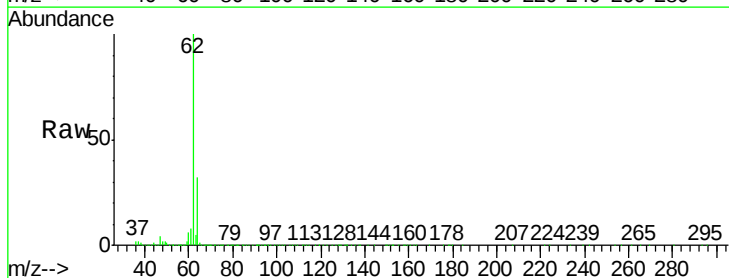
Acq: 25 Feb 2019 12:01

Tgt Ion: 62 Resp: 527627

Ion Ratio Lower Upper

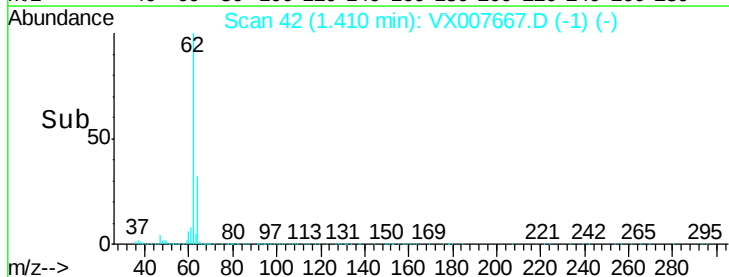
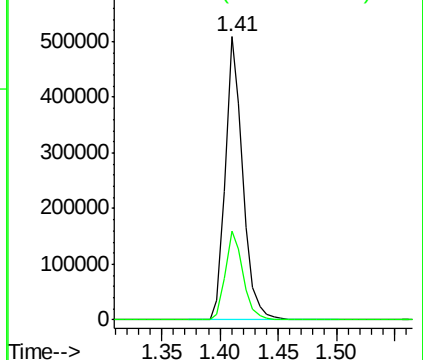
62 100

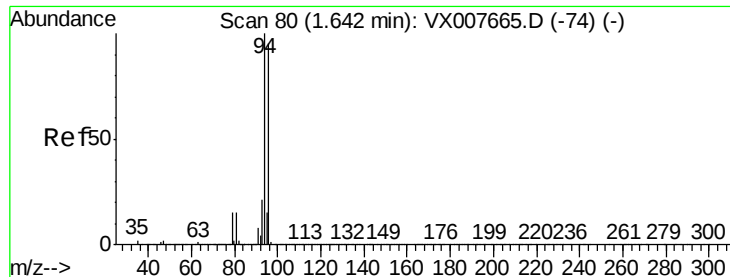
64 31.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 123.670 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 331258

Ion Ratio Lower Upper

94 100

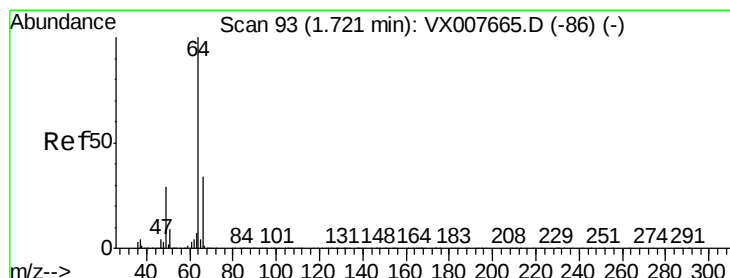
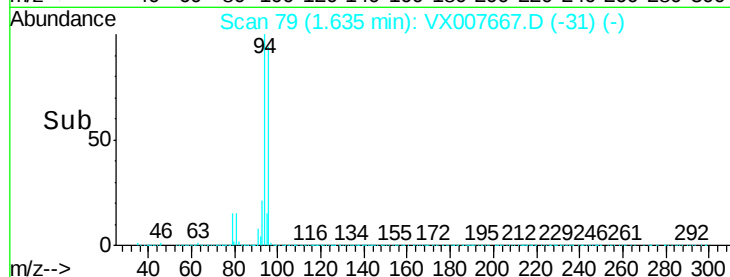
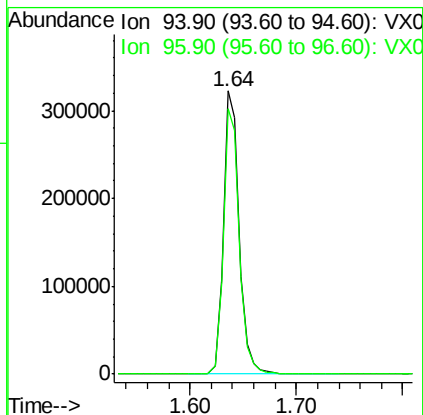
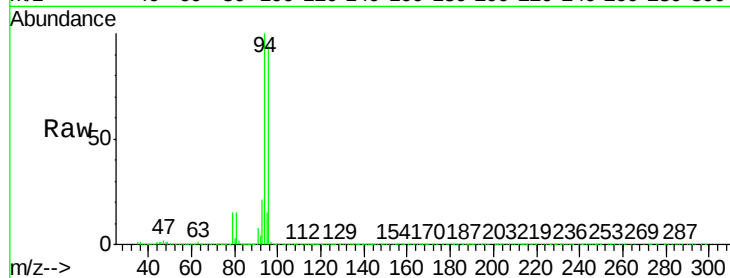
96 93.6 73.9 110.9

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 133.989 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007667.D

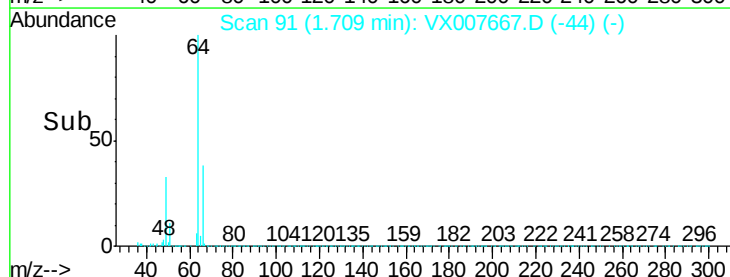
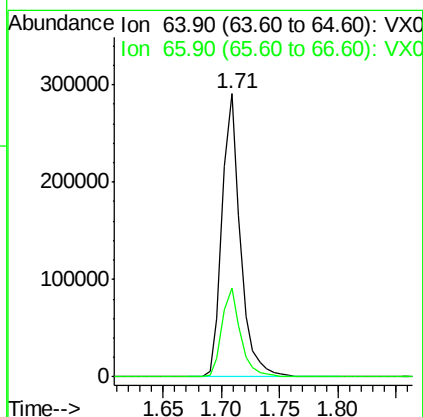
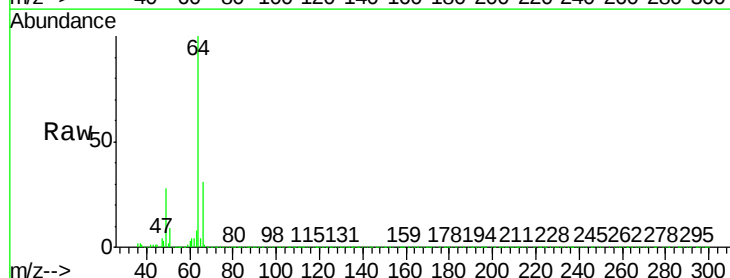
Acq: 25 Feb 2019 12:01

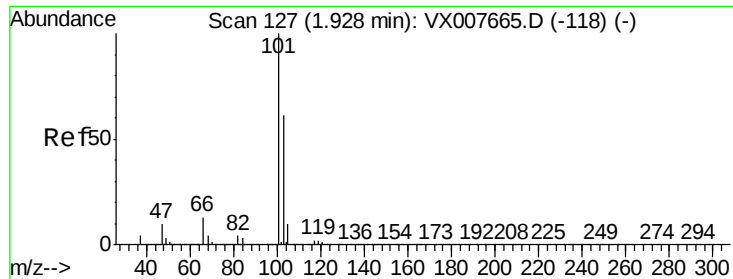
Tgt Ion: 64 Resp: 314350

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

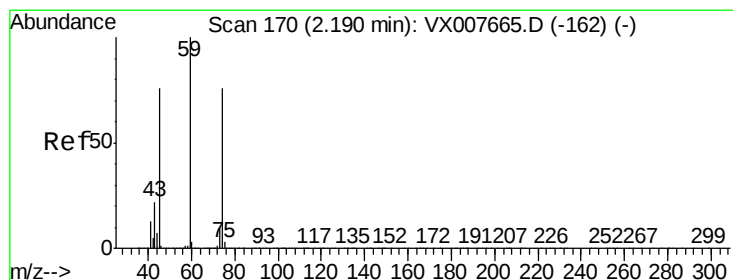
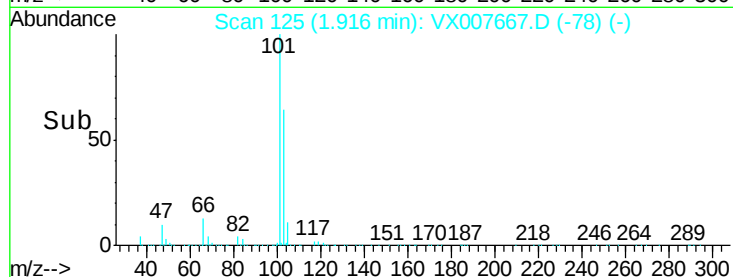
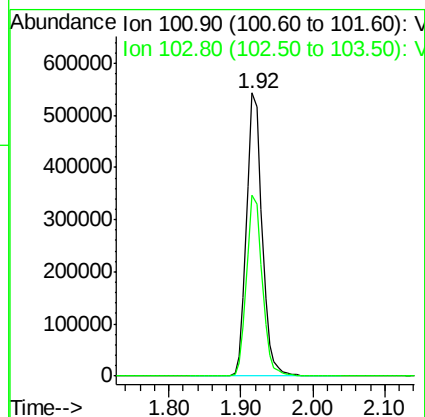
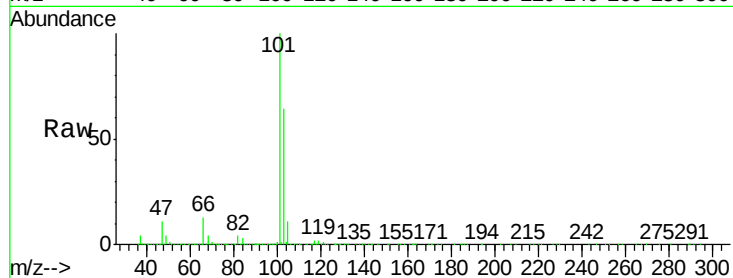
Trichlorofluoromethane
Concen: 146.204 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.6	79.0

Manual Integrations
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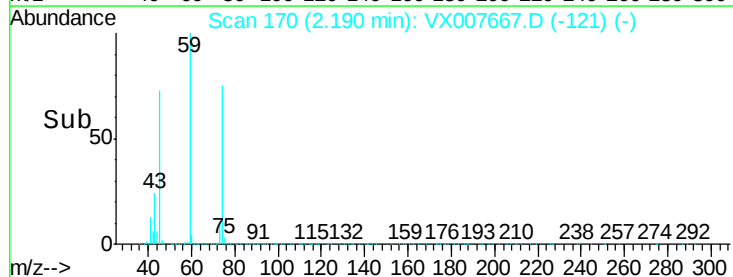
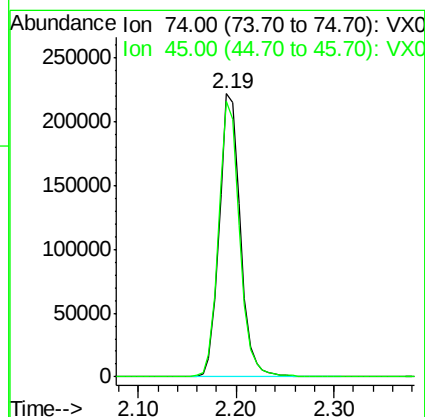
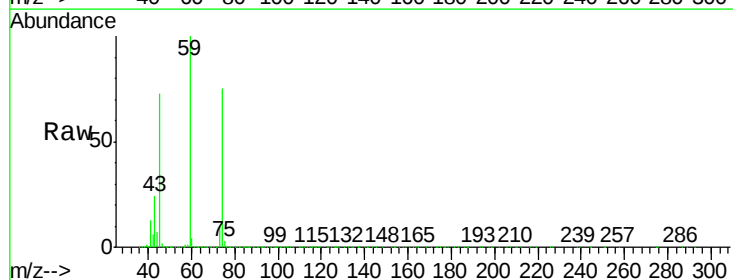
MMDadoda
2/26/2019 2:57:45 PM

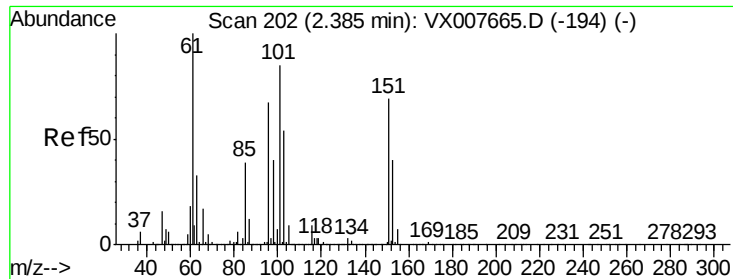


#8

Diethyl Ether
Concen: 144.776 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 139.151 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

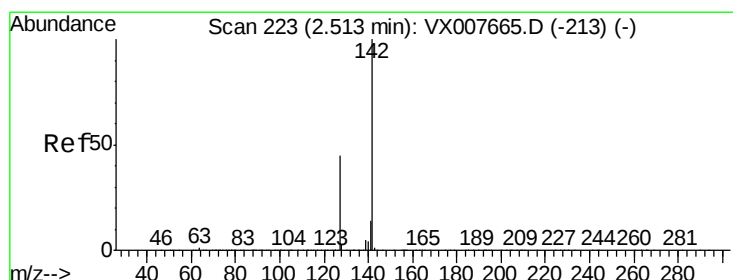
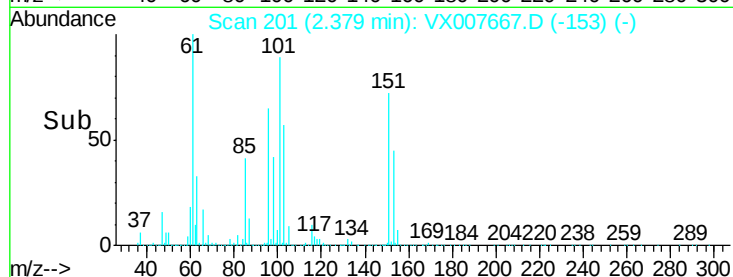
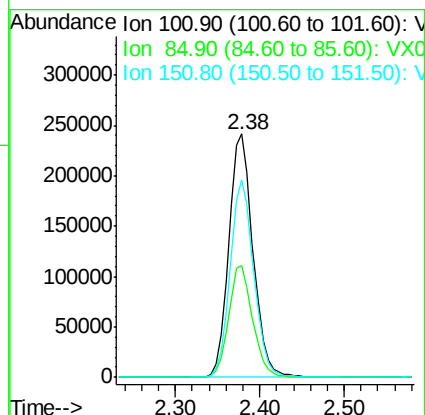
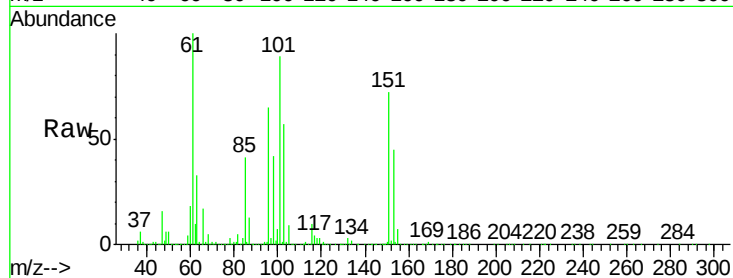
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	470709
Ion Ratio	Lower	Upper	
101	100		
85	45.5	34.1	51.1
151	79.4	69.9	104.9

Manual Integrations
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MMDadoda
2/26/2019 2:57:45 PM



#10

Methyl Iodide

Concen: 159.271 ug/l

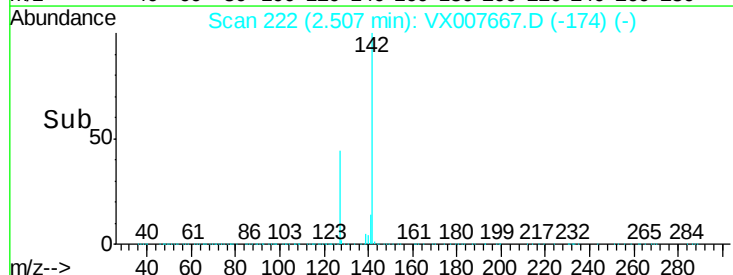
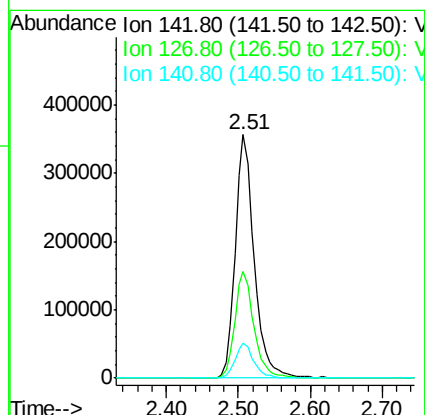
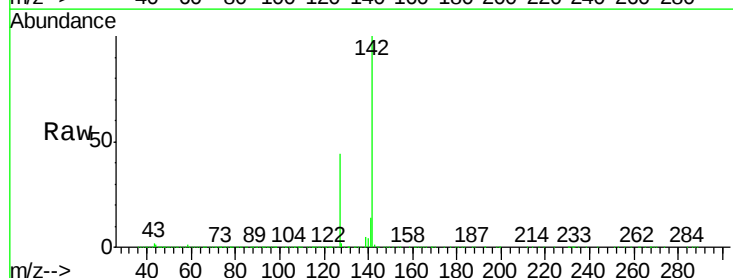
RT: 2.51 min Scan# 222

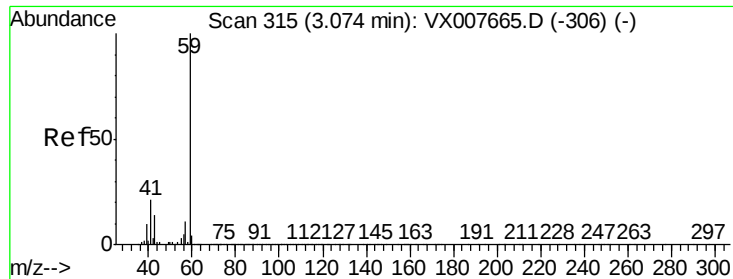
Delta R.T. -0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion:	142	Resp:	654690
Ion Ratio	Lower	Upper	
142	100		
127	44.3	33.7	50.5
141	14.1	11.3	16.9





#11

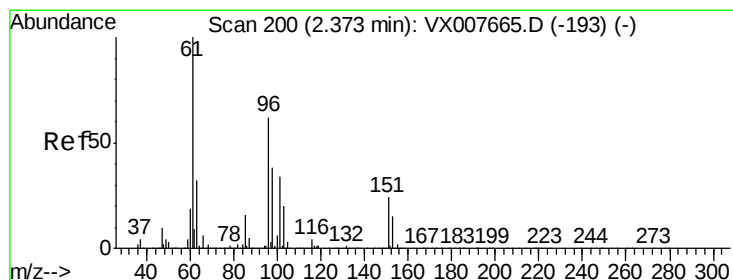
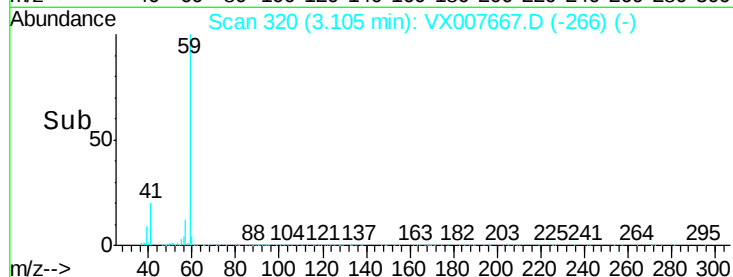
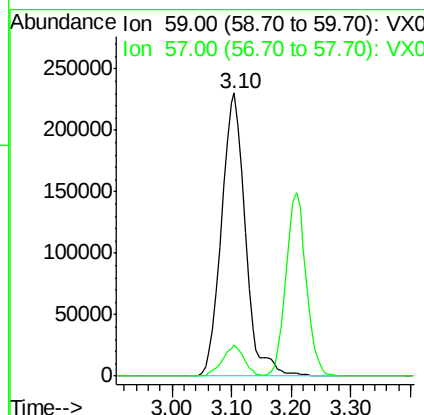
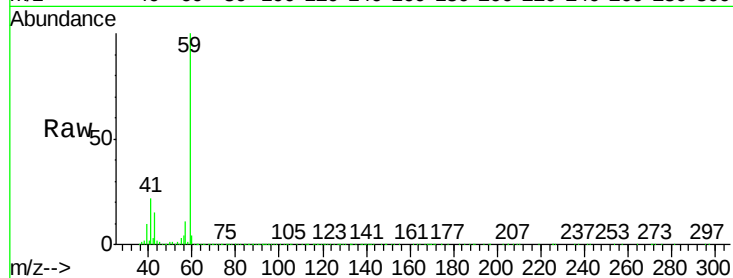
Tert butyl alcohol
Concen: 799.893 ug/l
RT: 3.10 min Scan# 320
Delta R.T. 0.03 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

Manual Integrations
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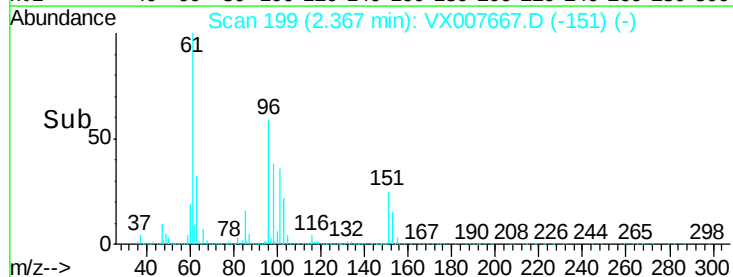
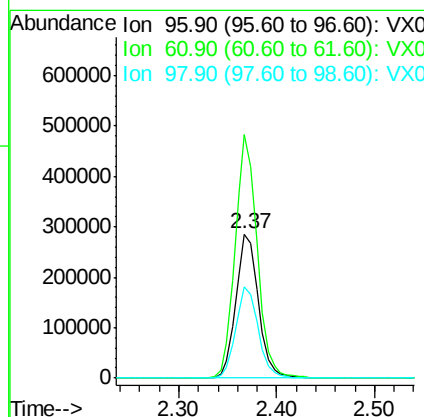
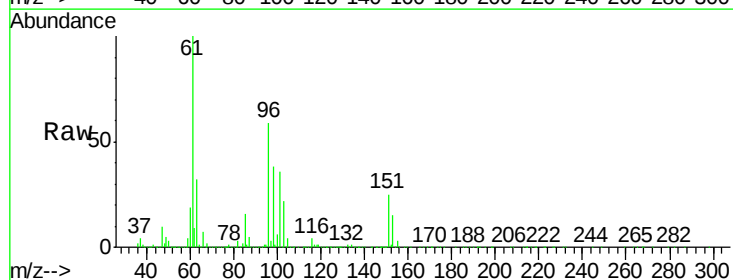
MMDadoda
2/26/2019 2:57:45 PM

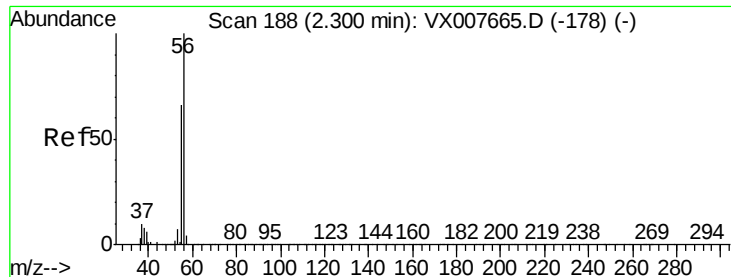


#12

1,1-Dichloroethene
Concen: 151.577 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.7	123.0	184.4
98	63.5	50.9	76.3





#13

Acrolein

Concen: 752.170 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 540671

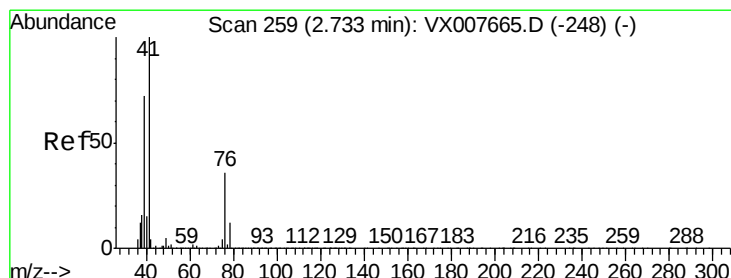
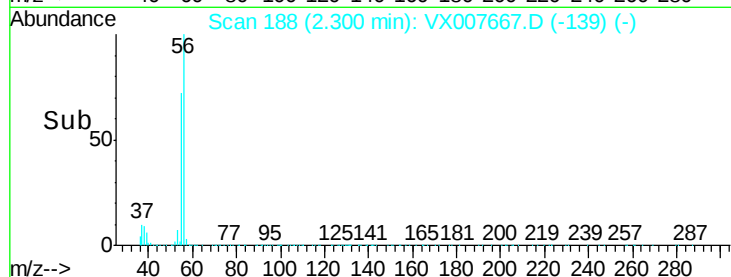
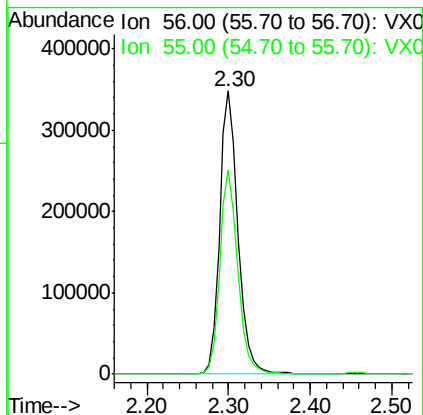
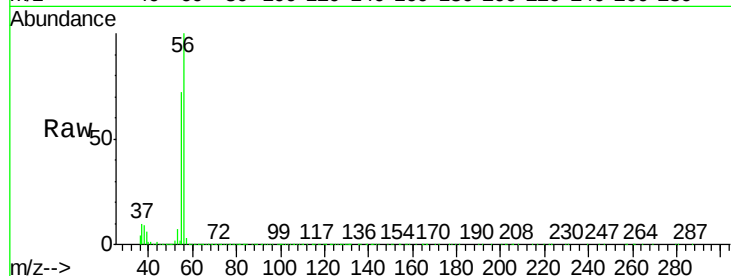
Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3

Manual Integrations
APPROVED

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2/26/2019 2:57:45 PM



#14

Allyl chloride

Concen: 156.140 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

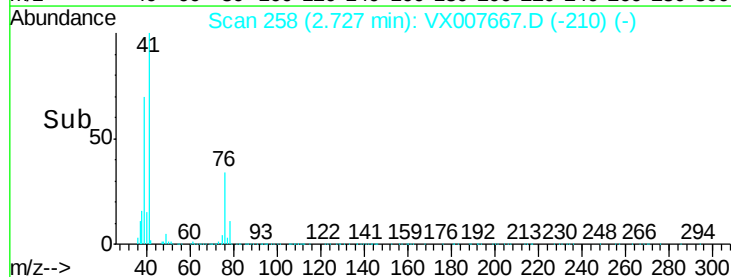
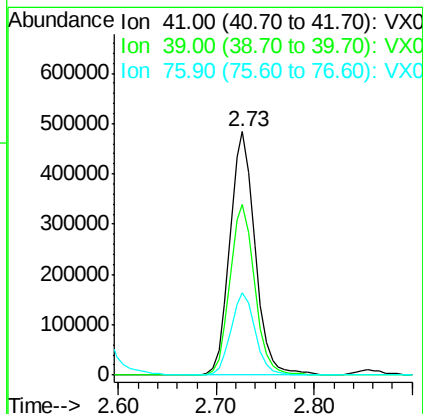
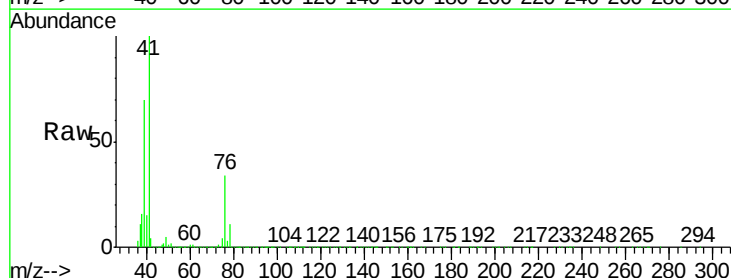
Tgt Ion: 41 Resp: 863822

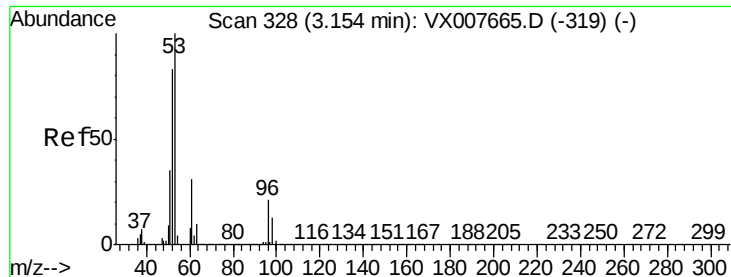
Ion Ratio Lower Upper

41 100

39 68.9 54.1 81.1

76 33.0 27.8 41.8





#15

Acrylonitrile

Concen: 752.560 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX007667.D

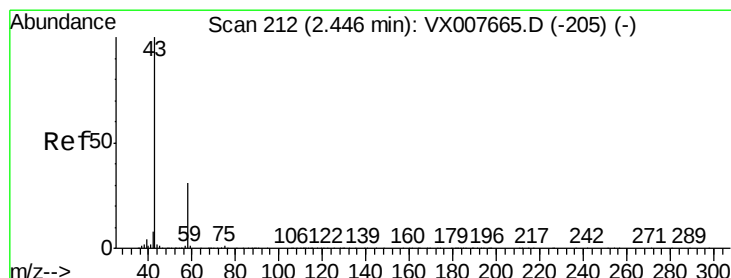
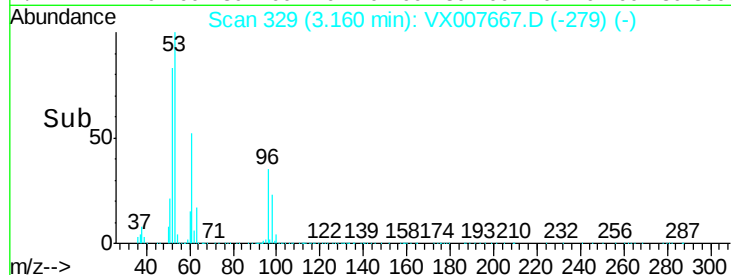
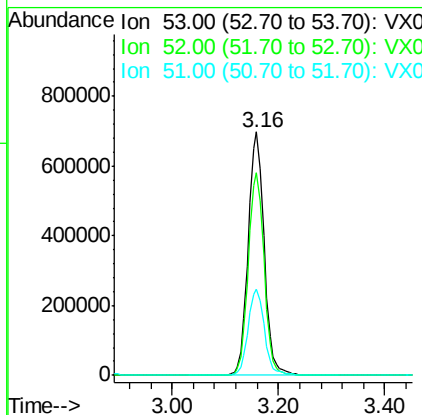
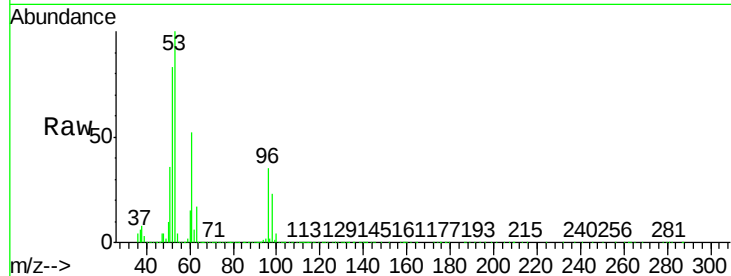
Acq: 25 Feb 2019 12:01

Tot Ion:	53	Resp:	1432610
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.4	99.6
51	36.7	28.4	42.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
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MMDadoda
2/26/2019 2:57:45 PM



#16

Acetone

Concen: 687.403 ug/l

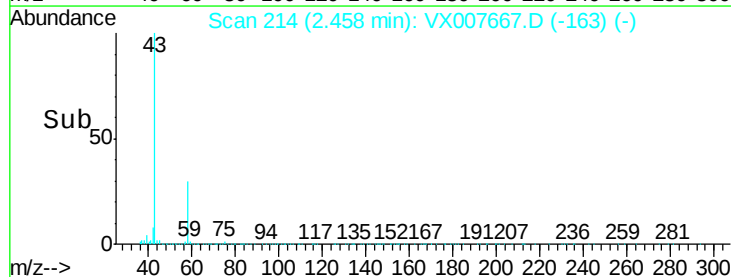
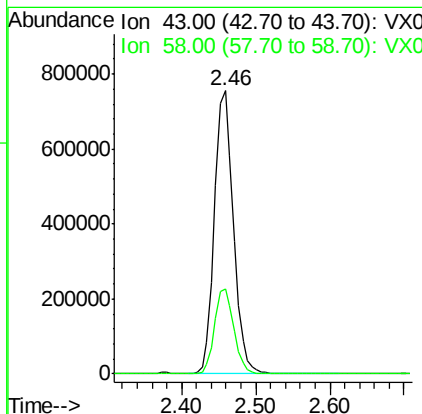
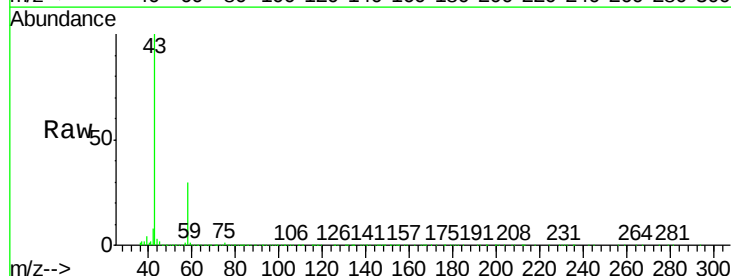
RT: 2.46 min Scan# 214

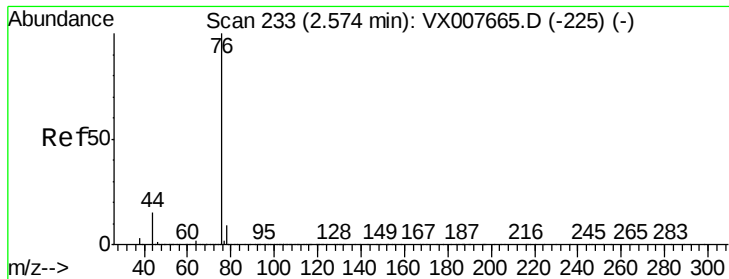
Delta R.T. 0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion:	43	Resp:	1322425
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.9	37.3





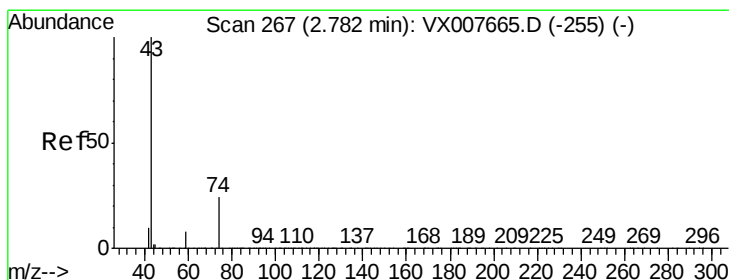
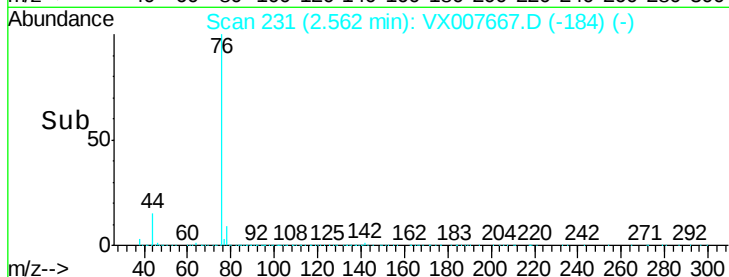
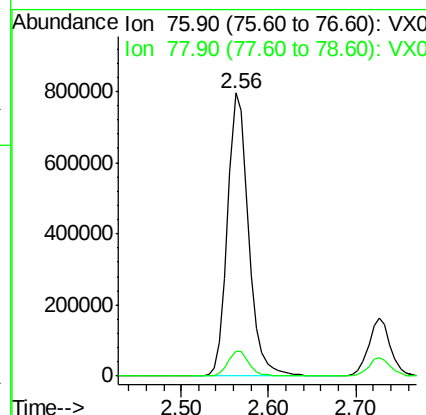
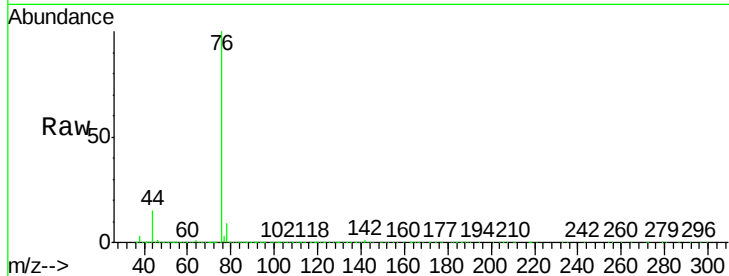
#17
Carbon Disulfide
Concen: 159.510 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1322851
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

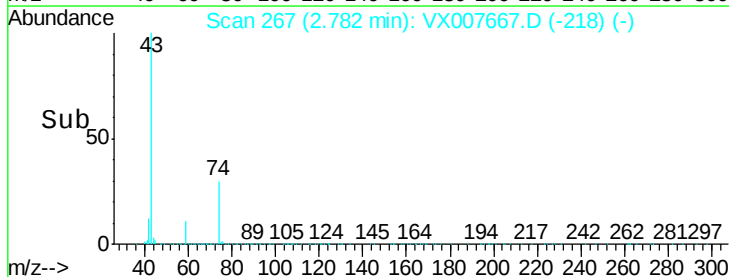
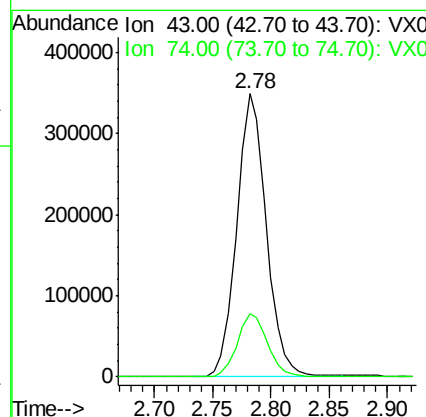
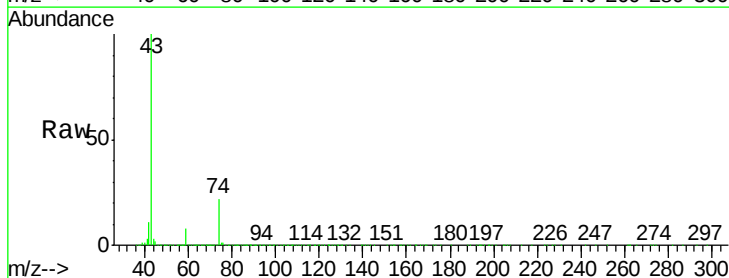
Manual Integrations
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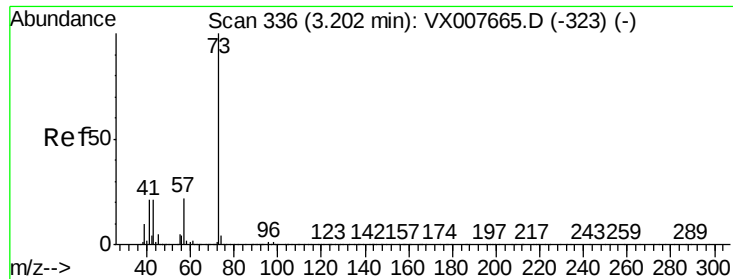
MMDadoda
2/26/2019 2:57:45 PM



#18
Methyl Acetate
Concen: 148.576 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion: 43 Resp: 616009
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





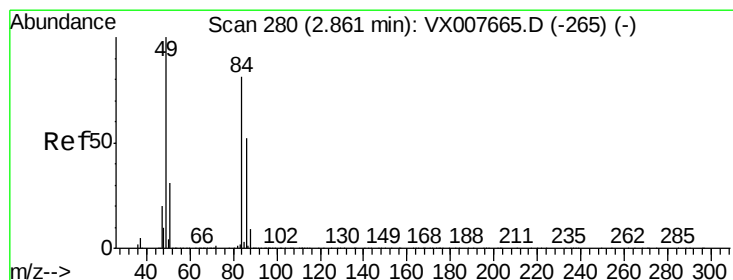
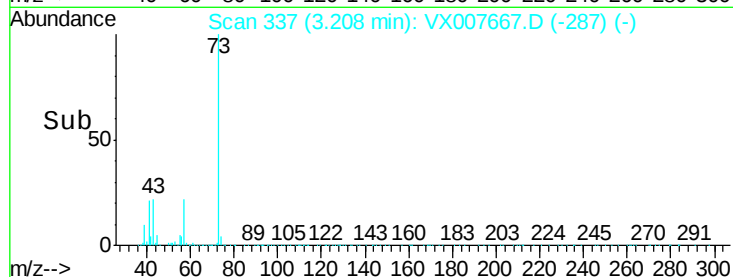
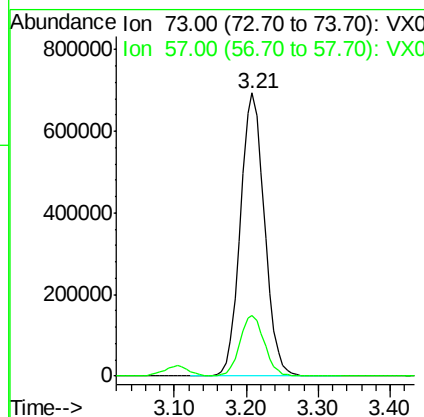
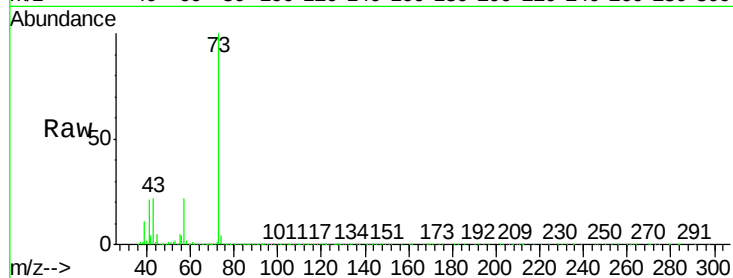
#19
Methvl tert-butvl Ether
Concen: 153.744 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1606142
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8

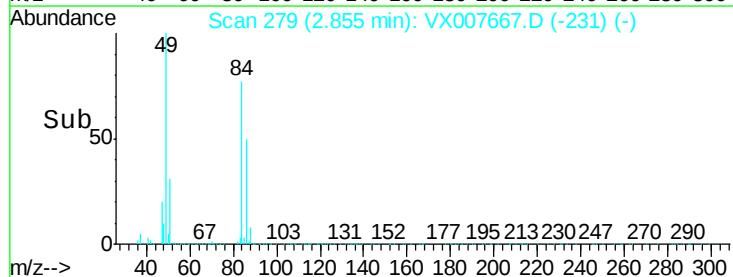
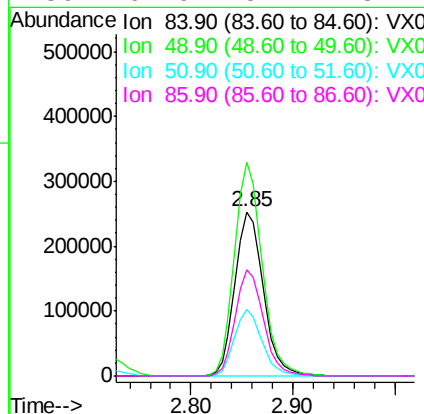
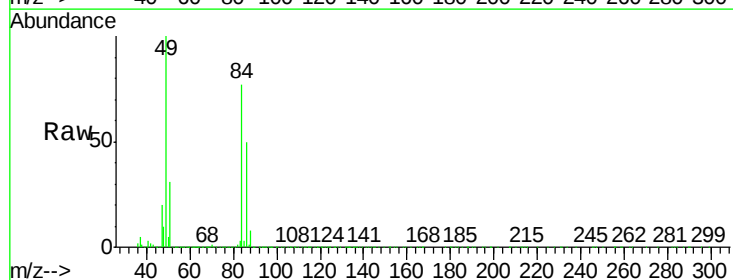
Manual Integrations
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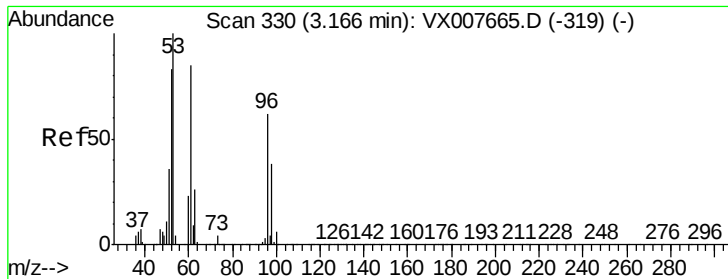
MMDadoda
2/26/2019 2:57:45 PM



#20
Methylene Chloride
Concen: 137.195 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion: 84 Resp: 487518
Ion Ratio Lower Upper
84 100
49 130.0 94.8 142.2
51 40.2 29.8 44.8
86 64.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 147.649 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

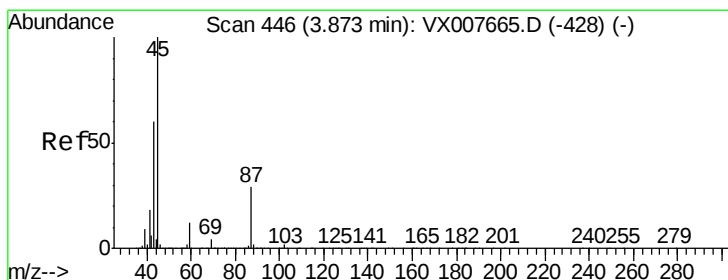
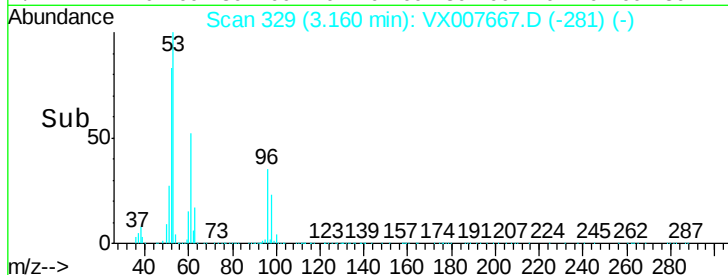
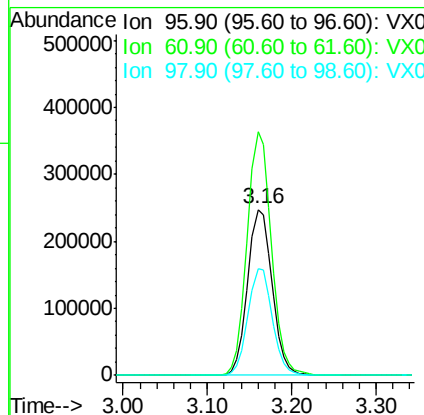
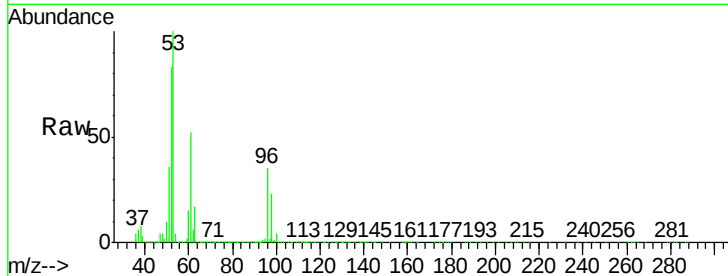
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	484804
Ion Ratio	Lower	Upper	
96	100		
61	146.7	104.6	156.8
98	64.3	51.0	76.4

Manual Integrations
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2/26/2019 2:57:45 PM



#22

Diisopropyl ether

Concen: 165.399 ug/l

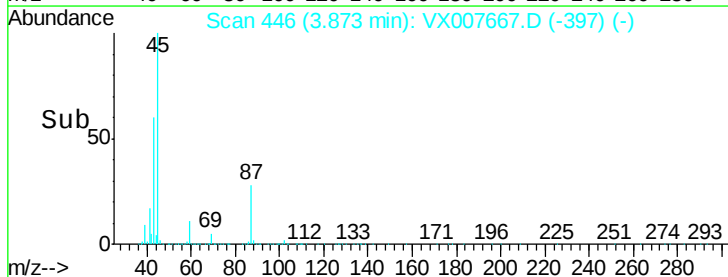
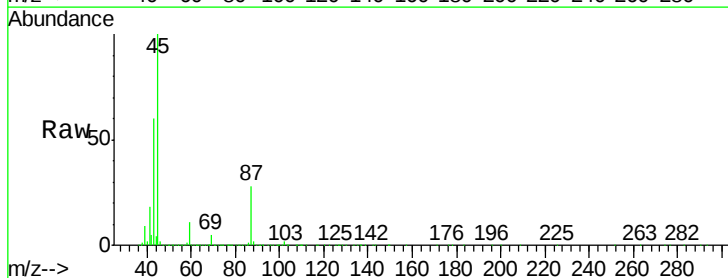
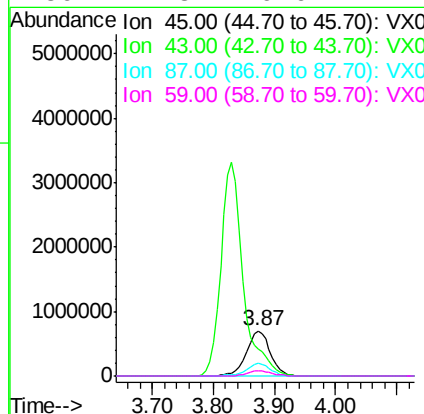
RT: 3.87 min Scan# 446

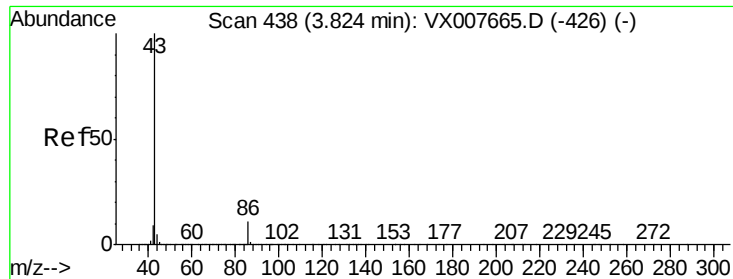
Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion:	45	Resp:	1885580
Ion Ratio	Lower	Upper	
45	100		
43	60.3	48.9	73.3
87	27.7	23.9	35.9
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 844.806 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 8417014

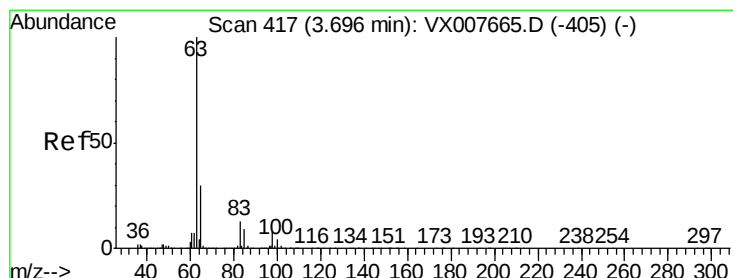
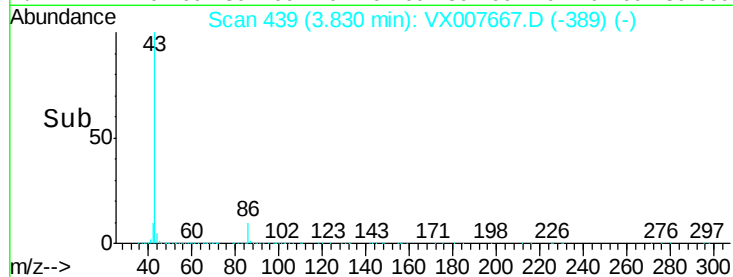
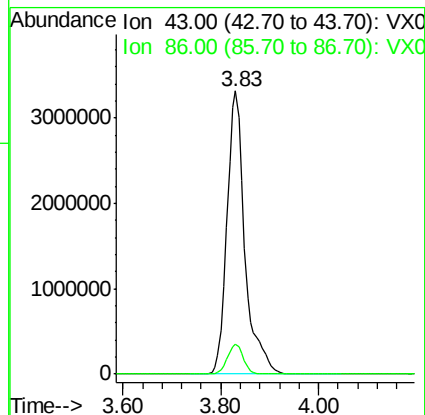
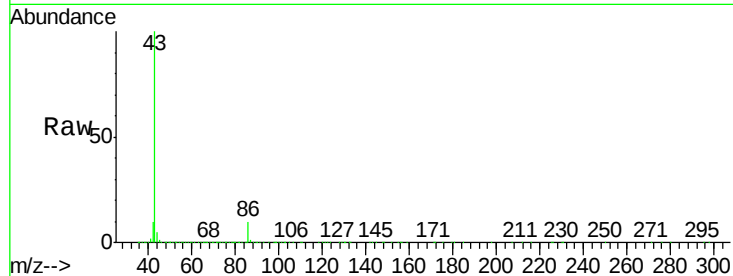
Ion Ratio Lower Upper

43 100

86 10.4 8.7 13.1

Manual Integrations
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2/26/2019 2:57:45 PM



#24

1,1-Dichloroethane

Concen: 149.513 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

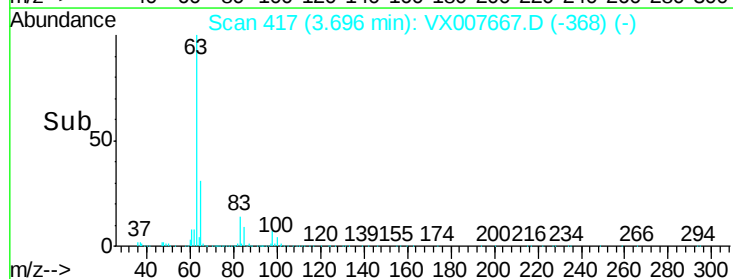
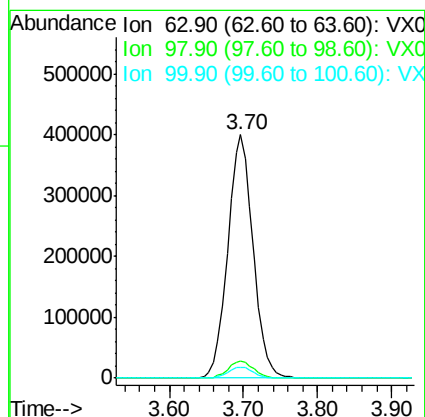
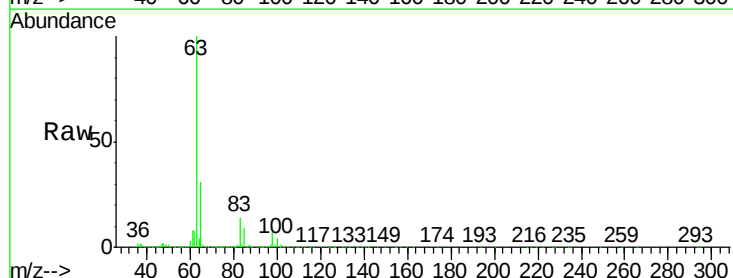
Tgt Ion: 63 Resp: 942706

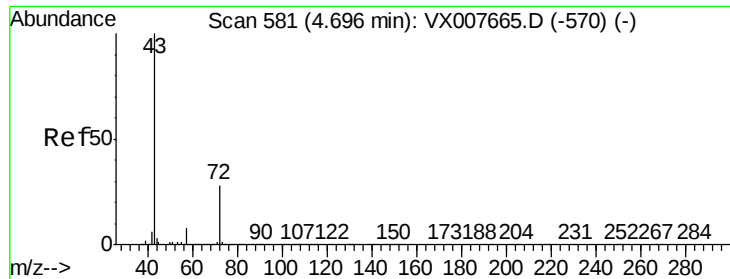
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 763.268 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tot Ion: 43 Resp: 2199118

Ion Ratio Lower Upper

43 100

72 26.9 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

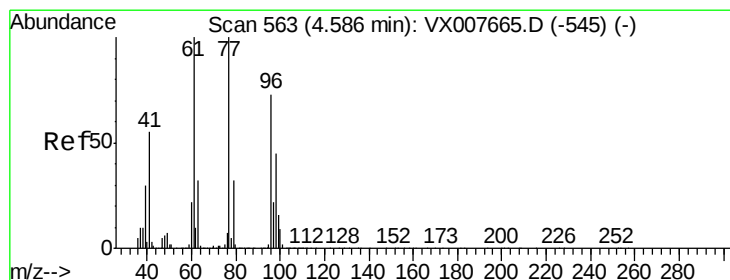
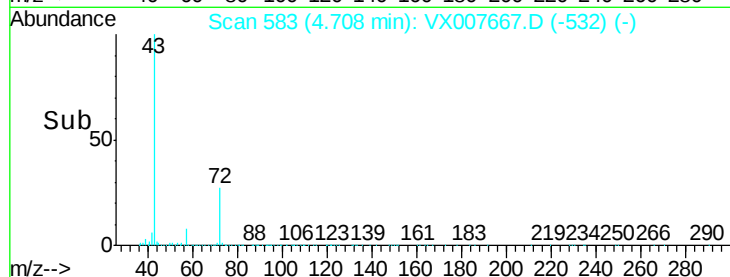
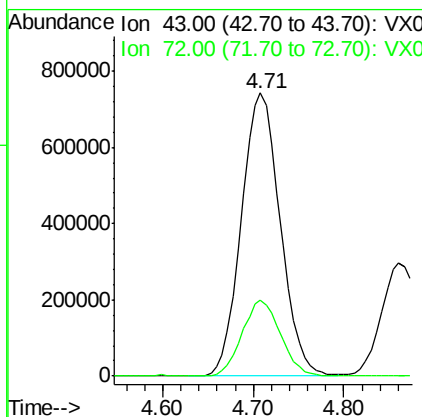
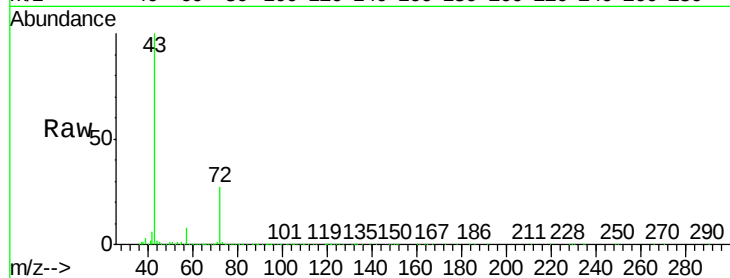
VSTDIC150

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 156.460 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007667.D

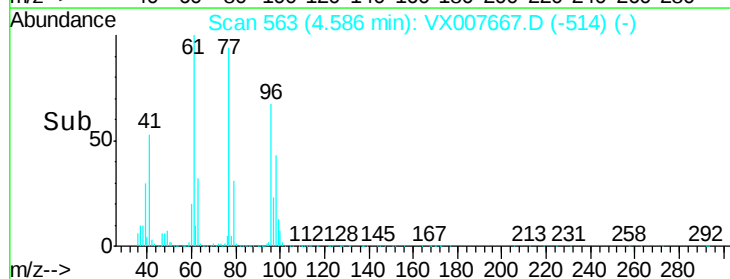
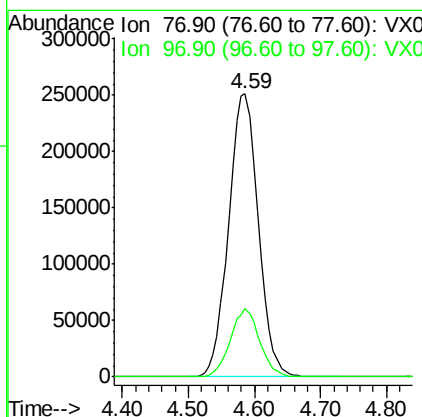
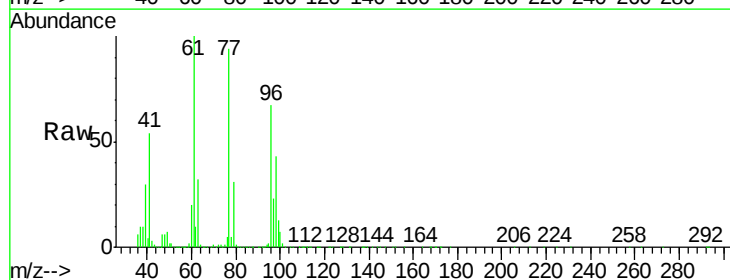
Acq: 25 Feb 2019 12:01

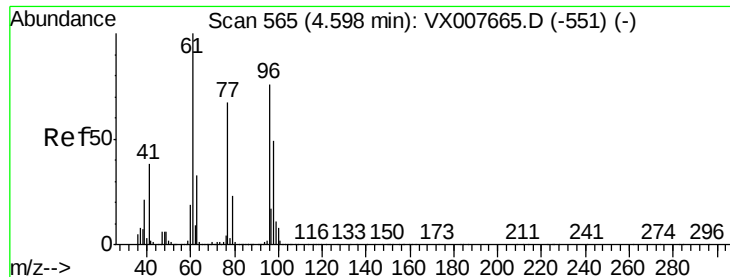
Tgt Ion: 77 Resp: 781431

Ion Ratio Lower Upper

77 100

97 23.7 12.1 36.3





#27

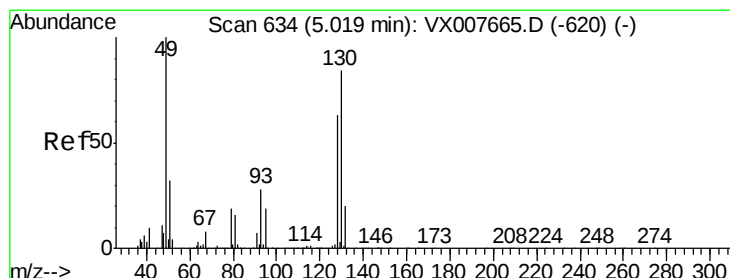
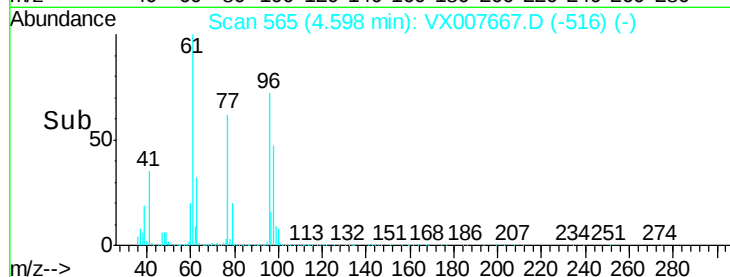
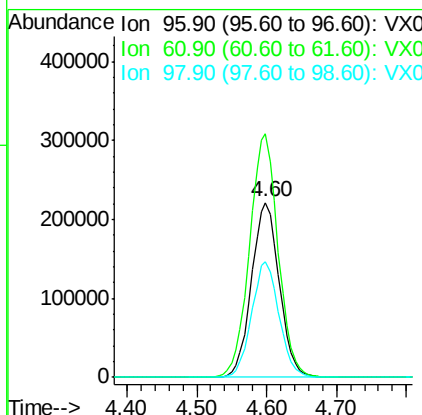
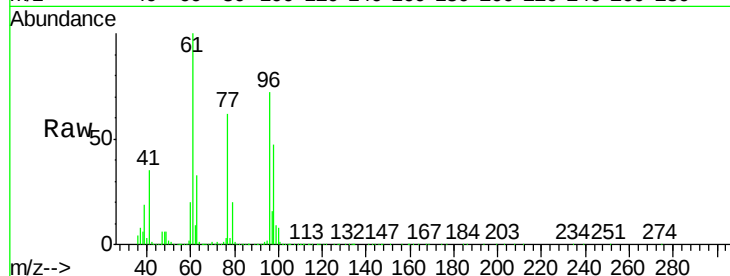
cis-1,2-Dichloroethene
Concen: 145.287 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	608608		
61	143.1	0.0	265.6	
98	65.3	0.0	131.6	

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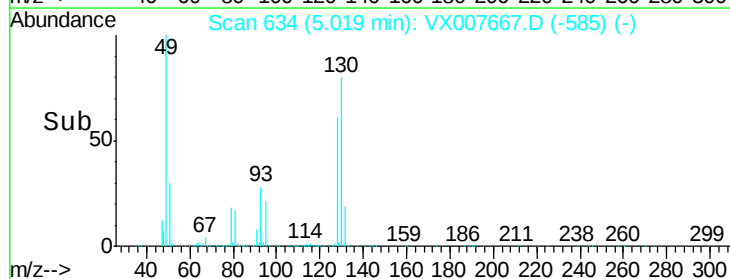
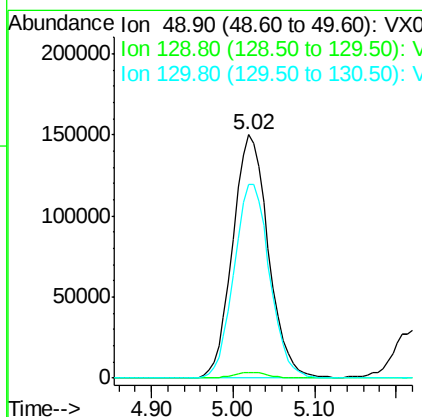
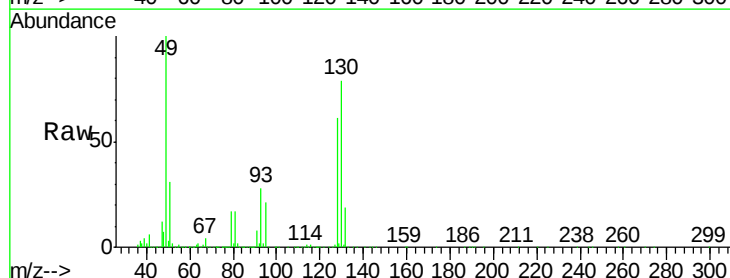
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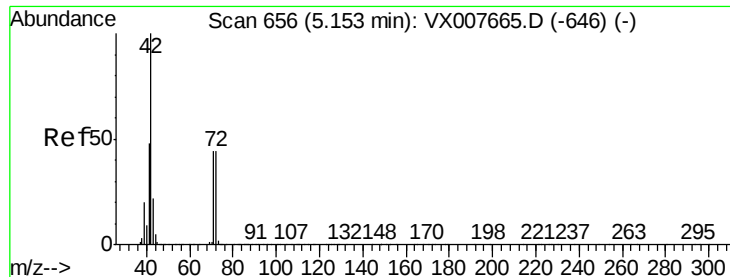


#28

Bromochloromethane
Concen: 147.550 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	453900		
129	2.5	0.0	5.6	
130	79.8	75.6	113.4	





#29

Tetrahydrofuran

Concen: 801.634 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 42 Resp: 1509632

Ion Ratio Lower Upper

42 100

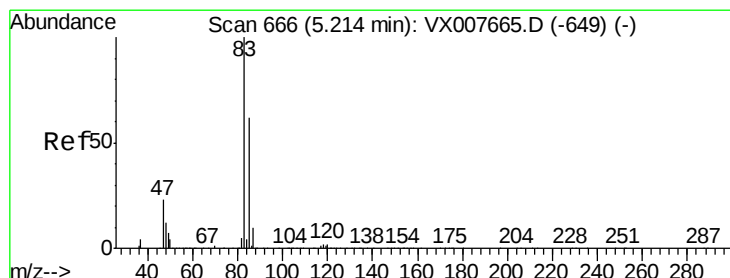
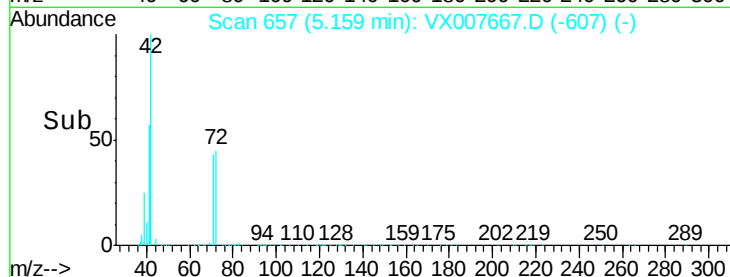
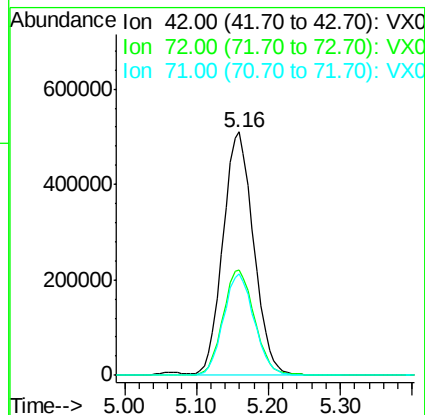
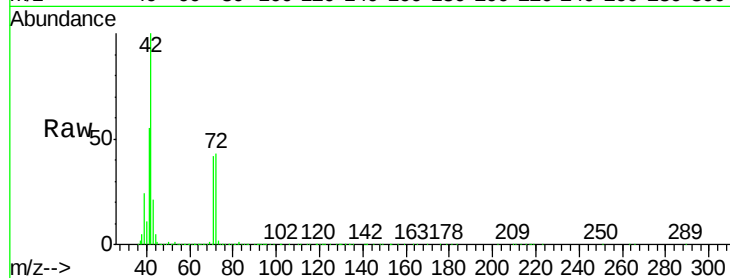
72 44.5 37.6 56.4

71 41.6 34.6 51.8

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#30

Chloroform

Concen: 153.219 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007667.D

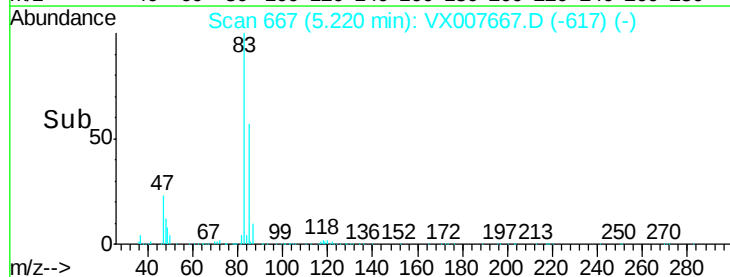
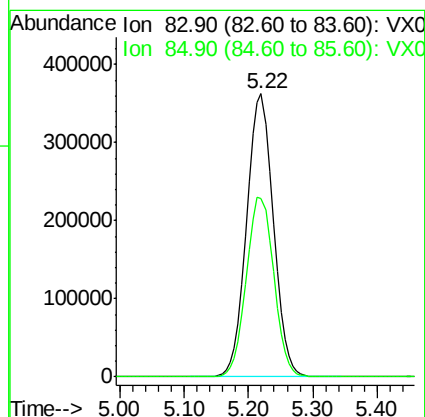
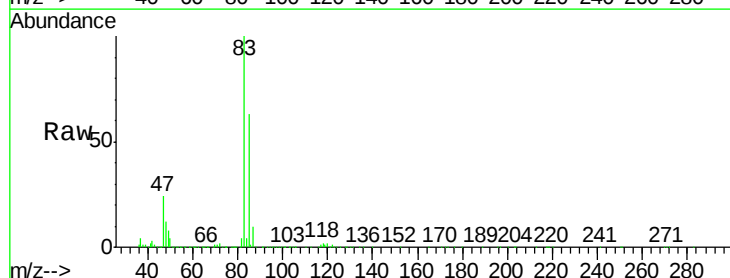
Acq: 25 Feb 2019 12:01

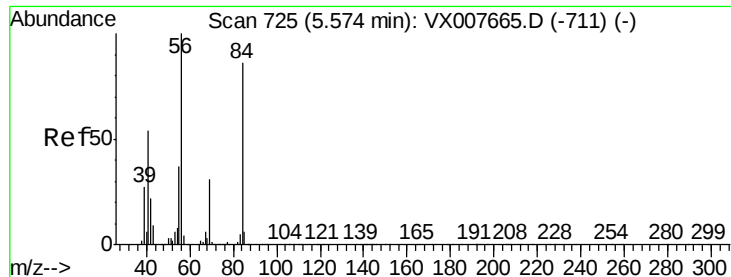
Tgt Ion: 83 Resp: 1030583

Ion Ratio Lower Upper

83 100

85 63.1 51.6 77.4





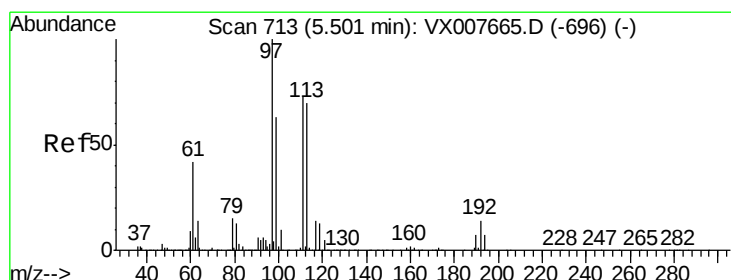
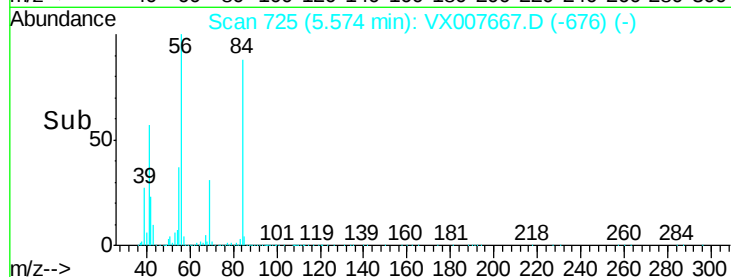
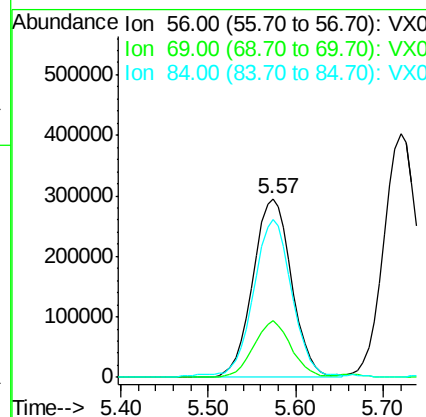
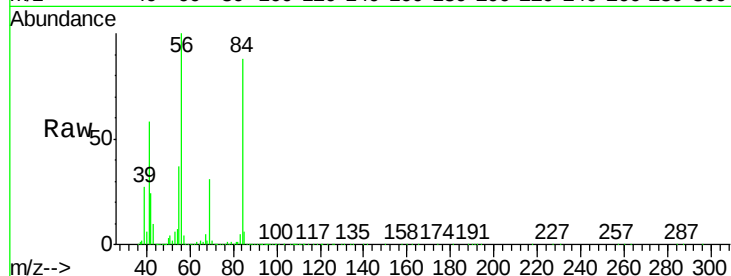
#31
Cyclohexane
Concen: 154.156 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.0	34.6
84	87.1	69.8	104.6

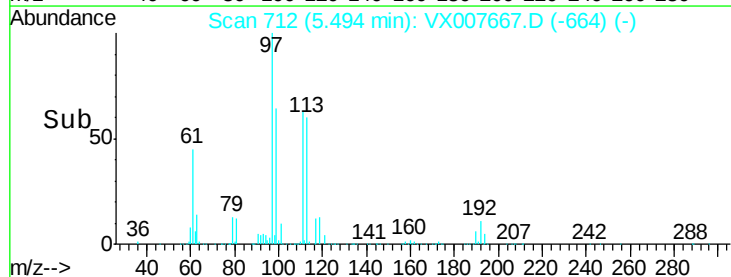
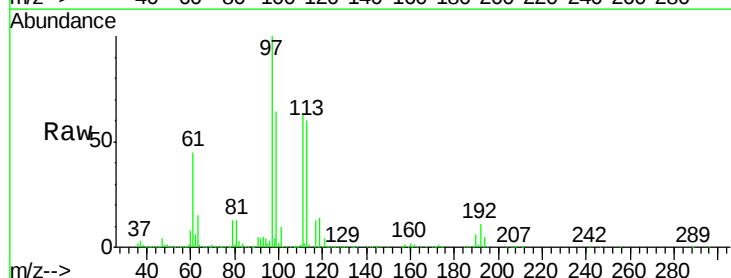
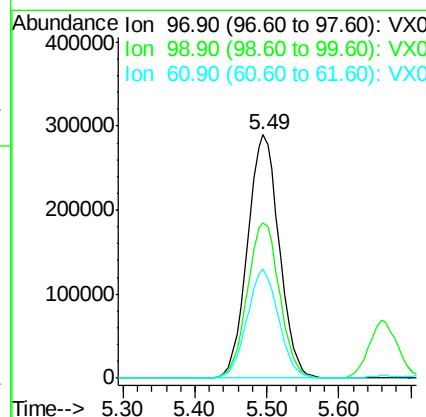
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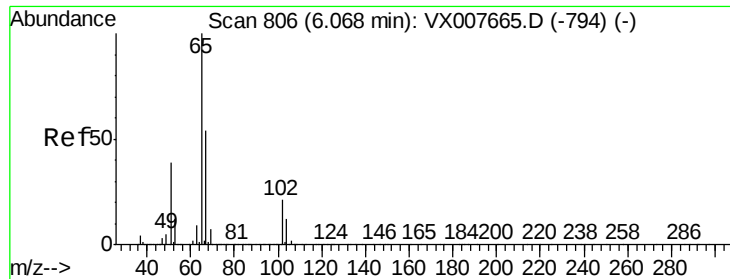
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#32
1,1,1-Trichloroethane
Concen: 159.928 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.2	78.2
61	44.5	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 155.209 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007667.D

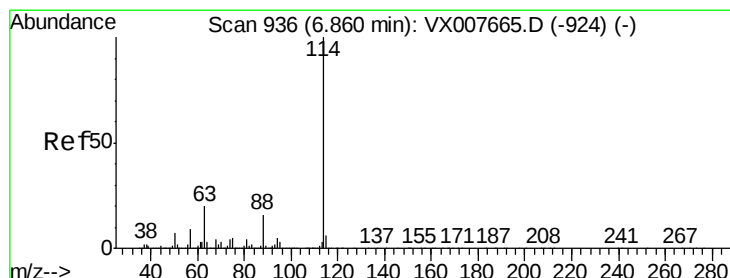
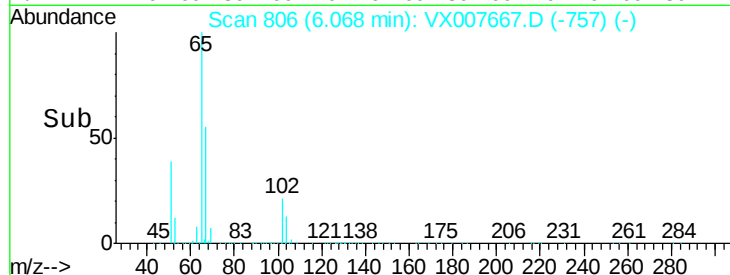
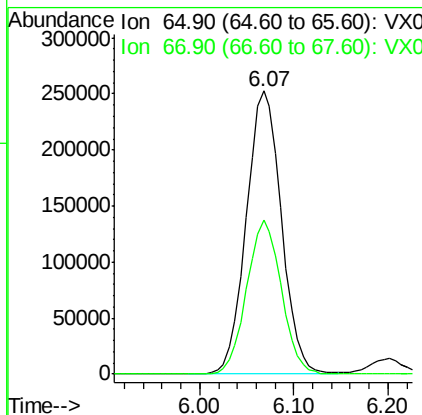
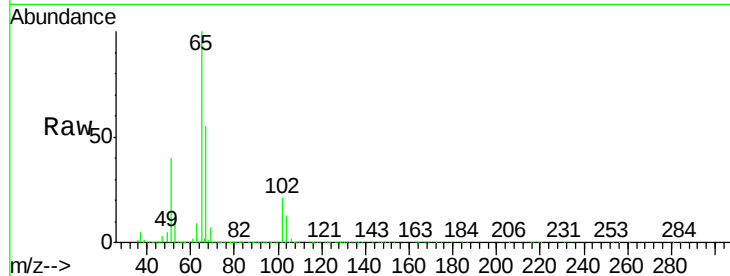
Acq: 25 Feb 2019 12:01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	657535		
67	53.6	0.0	108.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

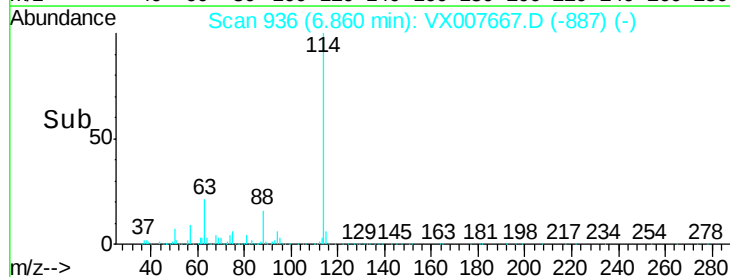
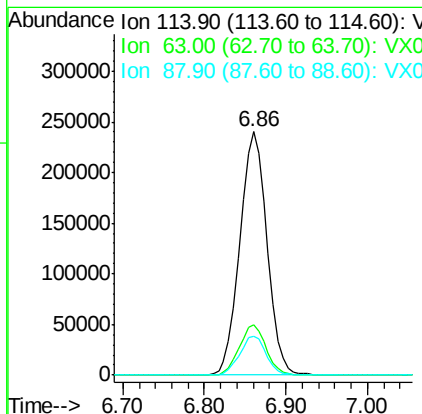
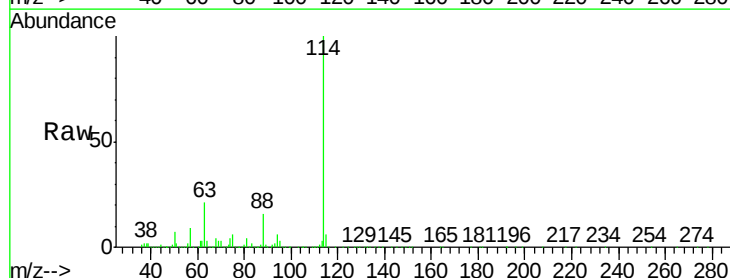
RT: 6.86 min Scan# 936

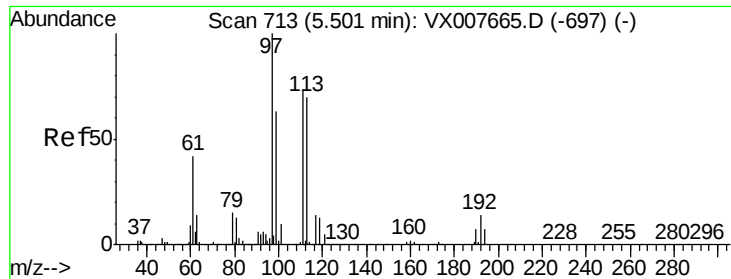
Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	554159		
63	20.6	0.0	35.6	
88	16.0	0.0	29.6	





#35

Dibromofluoromethane

Concen: 148.314 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

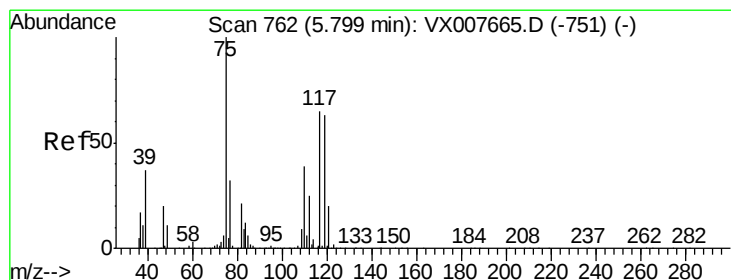
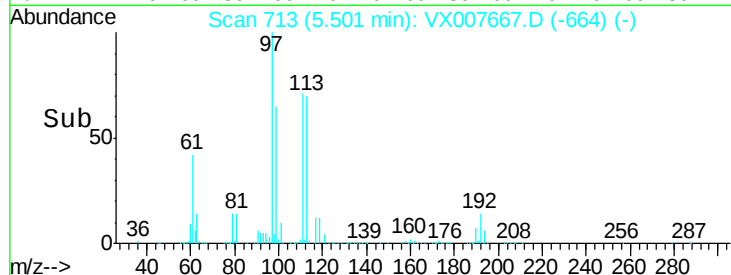
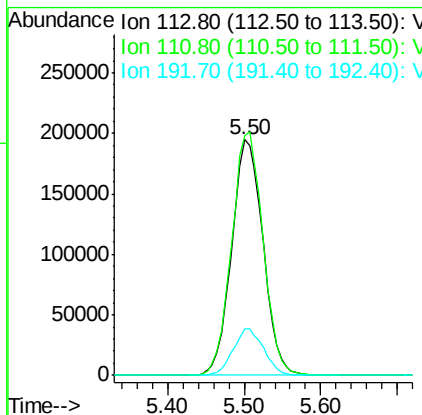
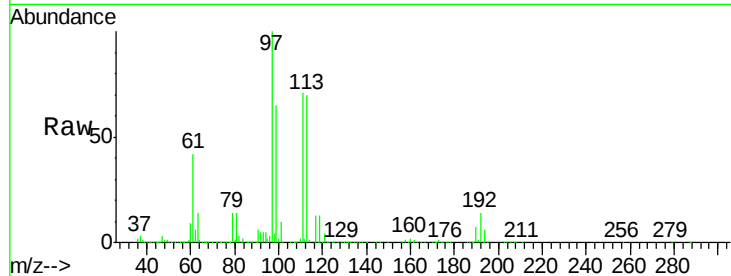
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	550648		
111	103.7	81.8	122.8	
192	19.6	18.5	27.7	

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#36

1,1-Dichloropropene

Concen: 154.764 ug/l

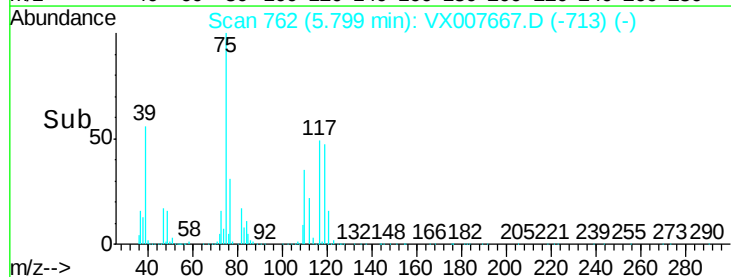
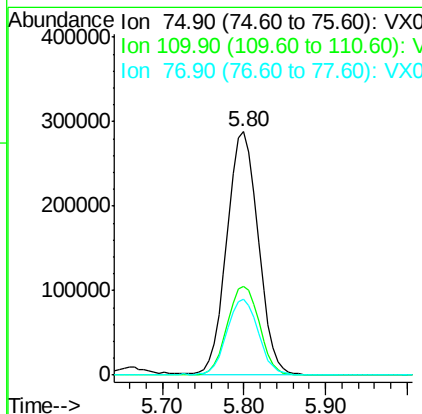
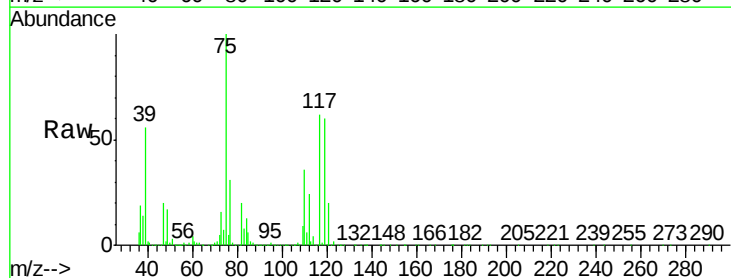
RT: 5.80 min Scan# 762

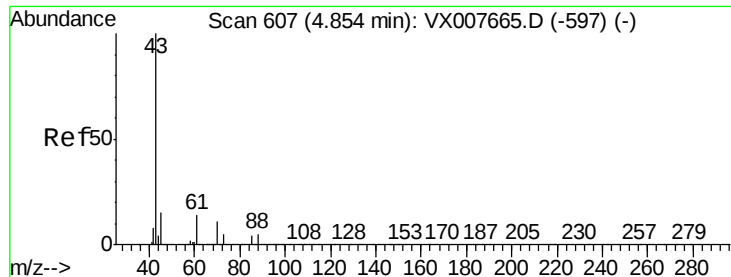
Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	766990		
110	37.3	20.0	59.9	
77	31.2	24.7	37.1	





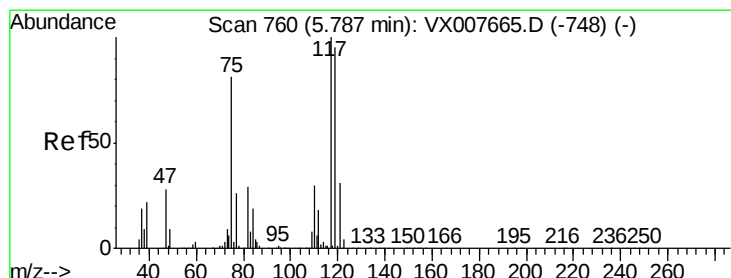
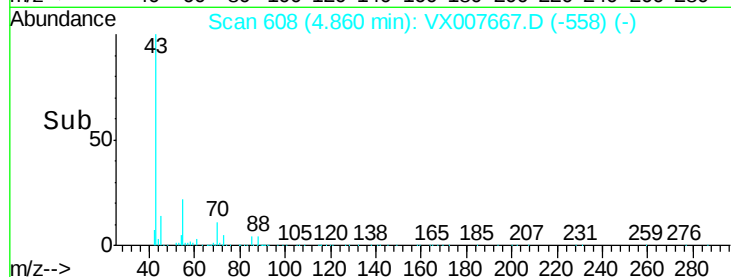
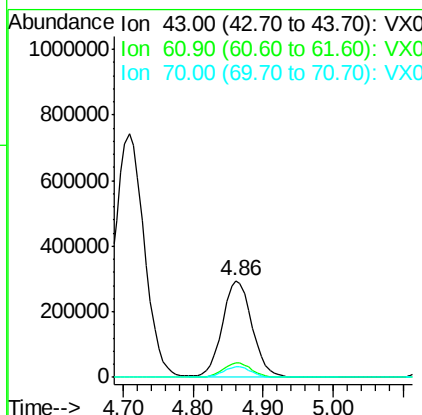
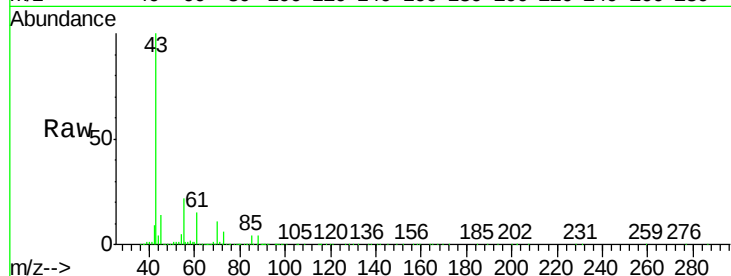
#37
Ethyl Acetate
Concen: 159.201 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.5	8.6	13.0

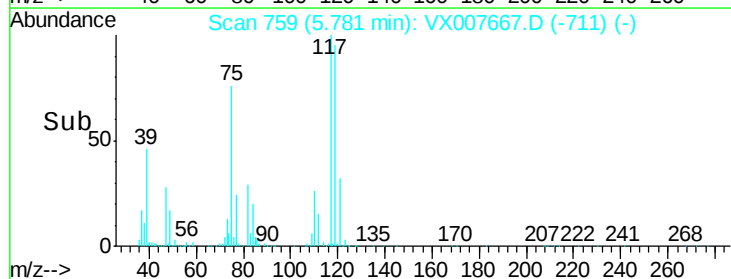
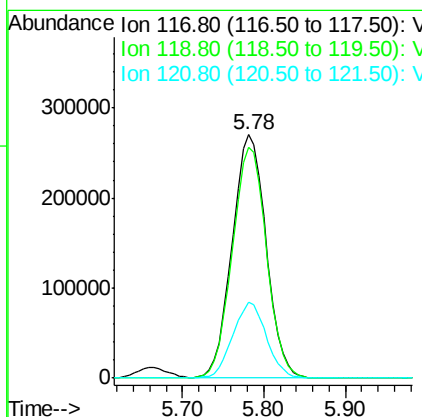
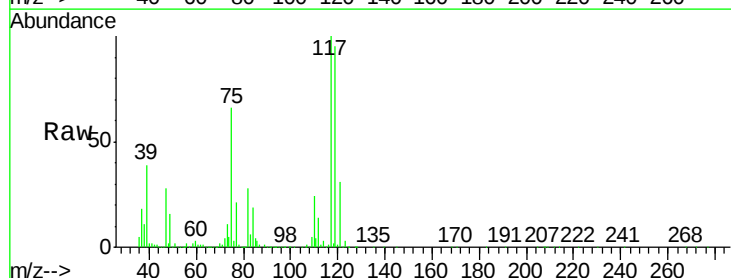
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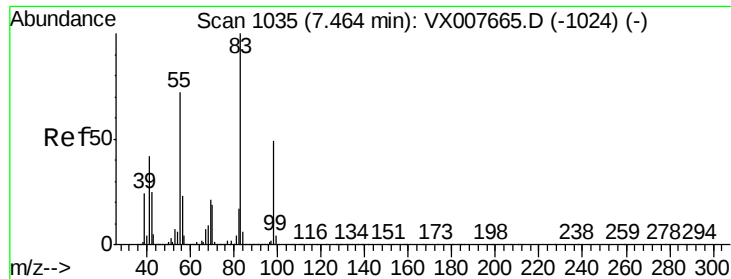
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#38
Carbon Tetrachloride
Concen: 156.601 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.3	112.9
121	31.3	25.0	37.4





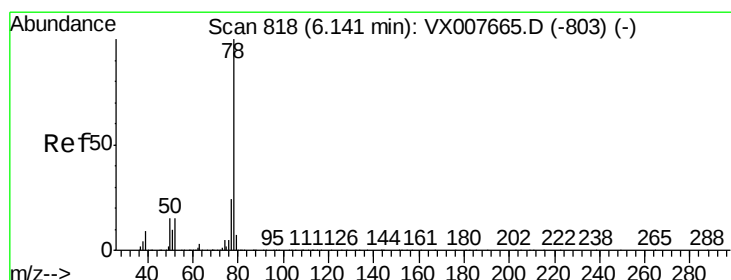
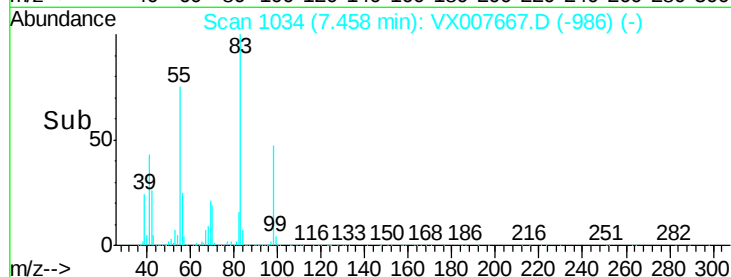
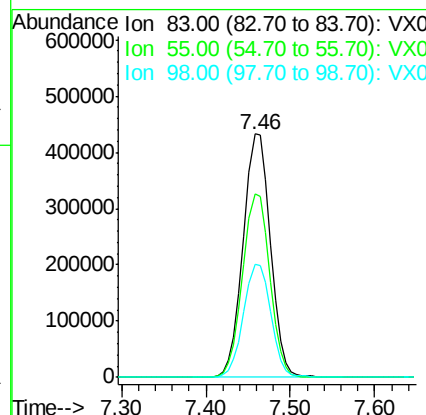
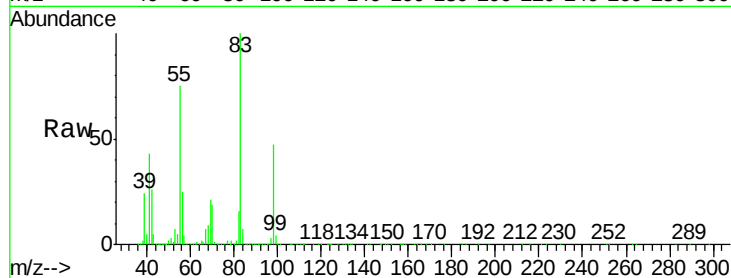
#39
Methvlcvclohexane
Concen: 150.031 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	56.2	84.2
98	46.7	36.8	55.2

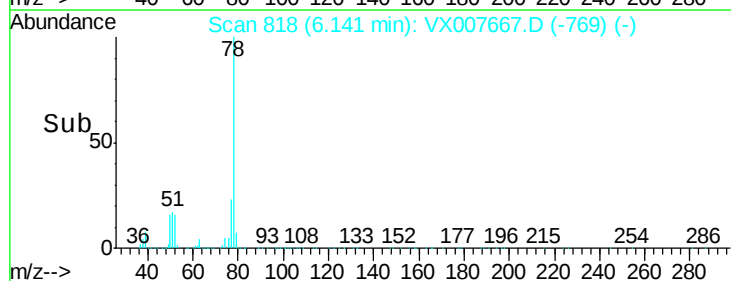
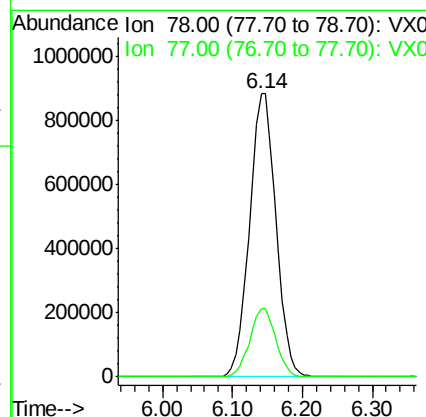
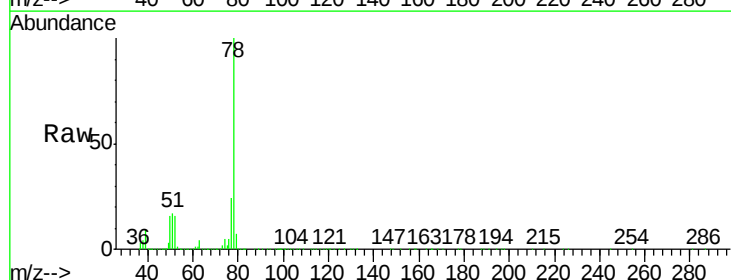
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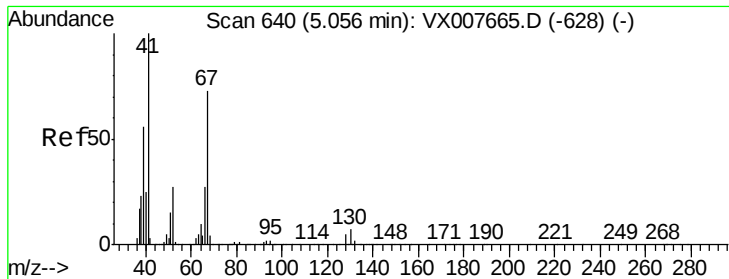
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#40
Benzene
Concen: 150.575 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





#41

Methacrylonitrile

Concen: 164.496 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX007667.D

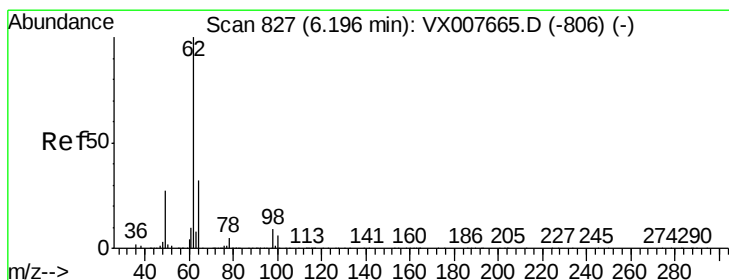
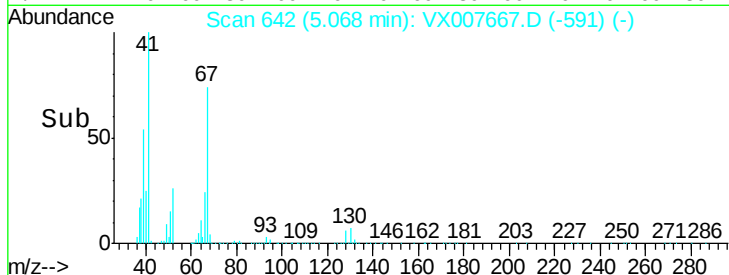
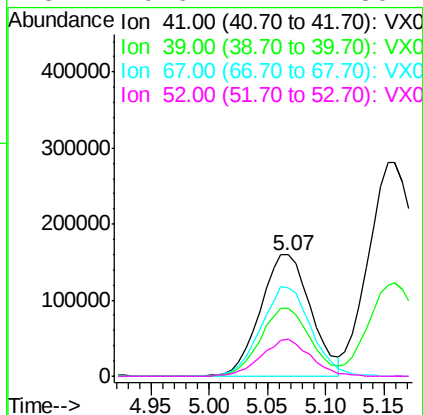
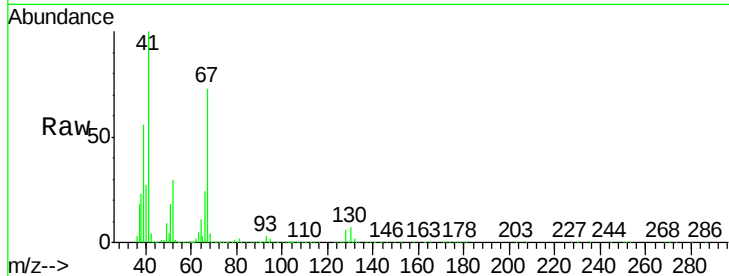
Acq: 25 Feb 2019 12:01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	44.5	66.7	
67	73.1	60.4	90.6	
52	29.6	24.1	36.1	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 157.834 ug/l

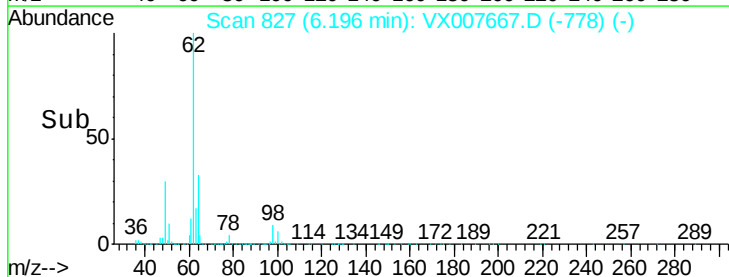
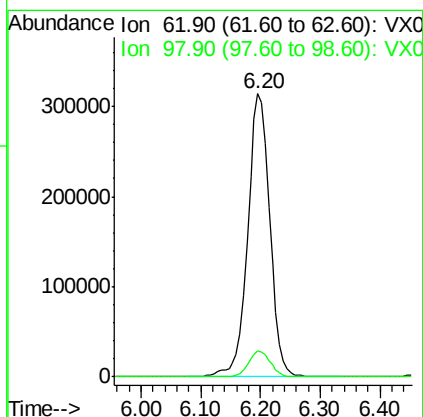
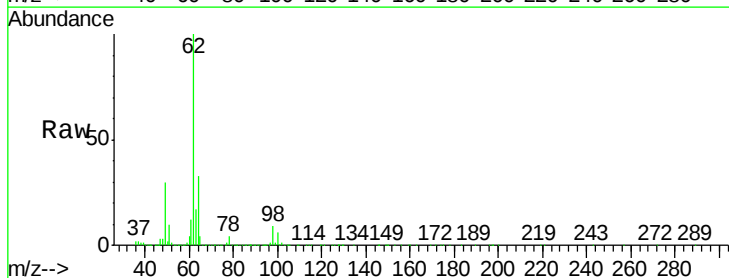
RT: 6.20 min Scan# 827

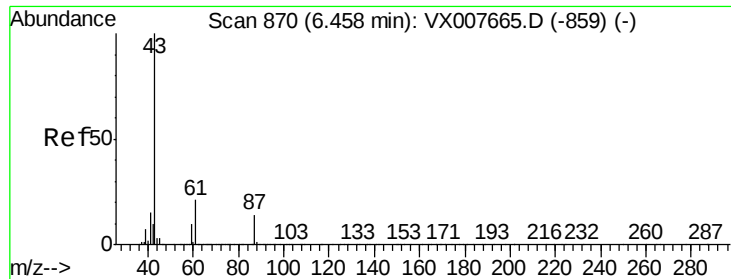
Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	19.0	





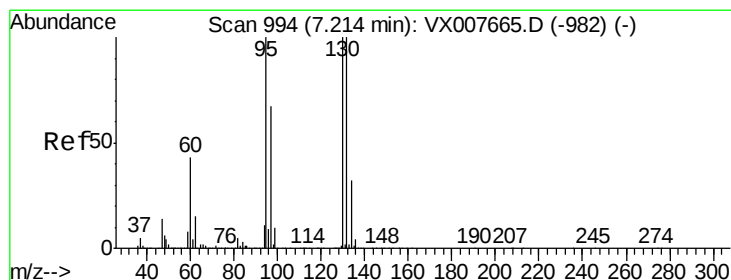
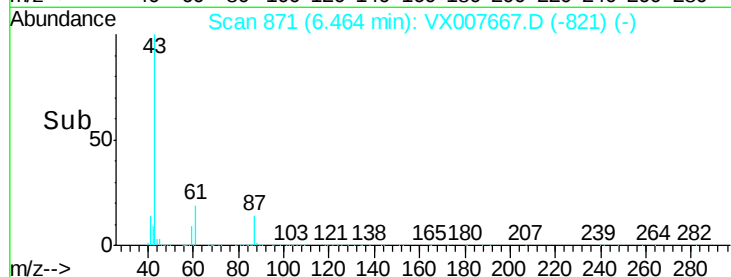
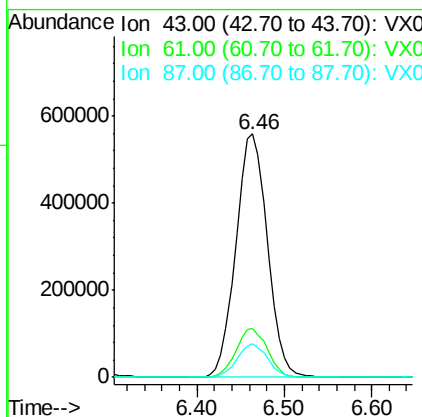
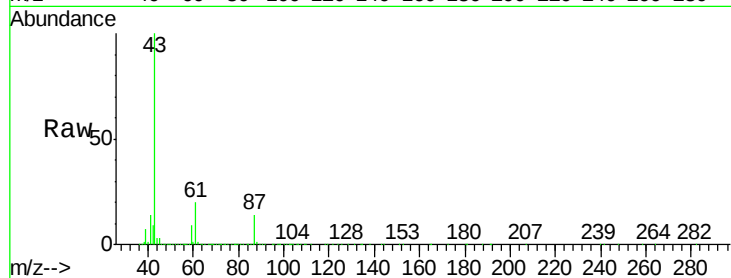
#43
Isopropyl Acetate
Concen: 167.368 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	13.4	11.5	17.3

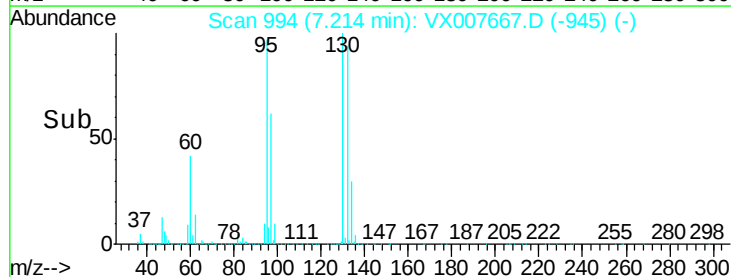
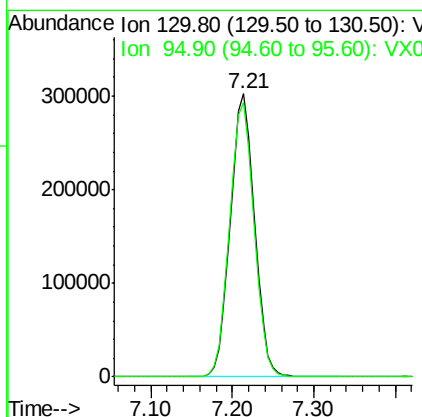
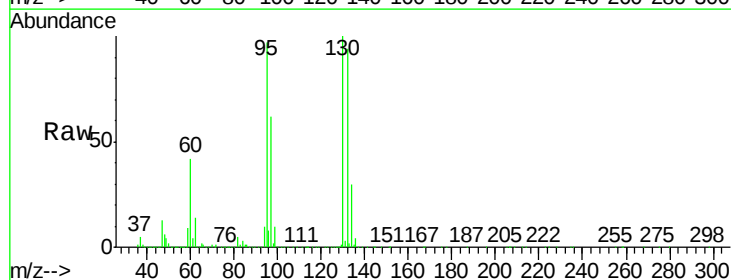
Manual Integrations
APPROVED

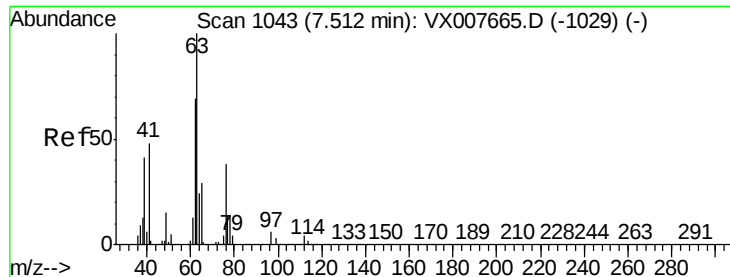
MMDadoda
2/26/2019 2:57:45 PM



#44
Trichloroethene
Concen: 144.929 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	180.0





#45

1,2-Dichloropropane

Concen: 152.286 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 605151

Ion Ratio Lower Upper

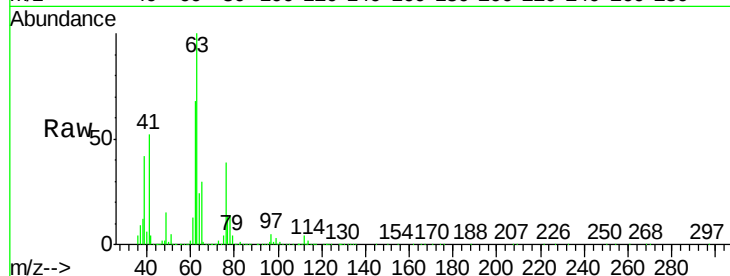
63 100

65 30.3 24.2 36.2

Manual Integrations
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

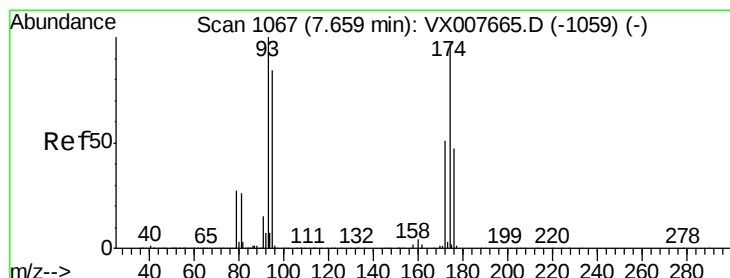
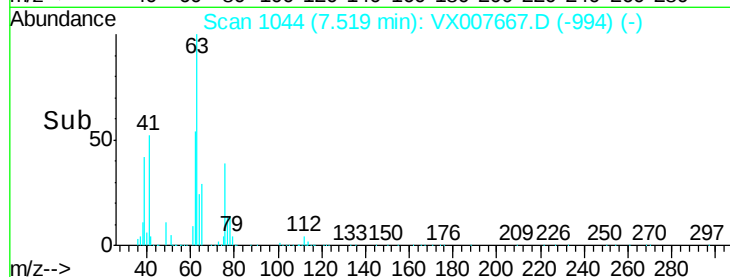
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 145.280 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

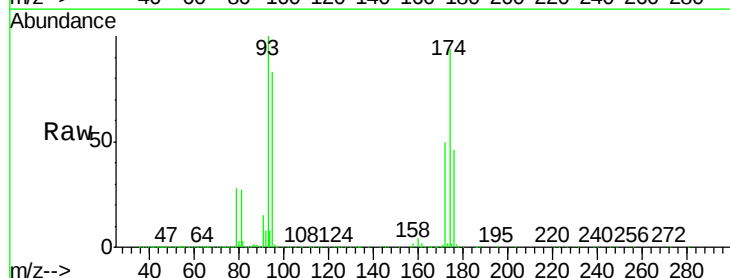
Tgt Ion: 93 Resp: 405907

Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

174 99.5 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

250000

200000

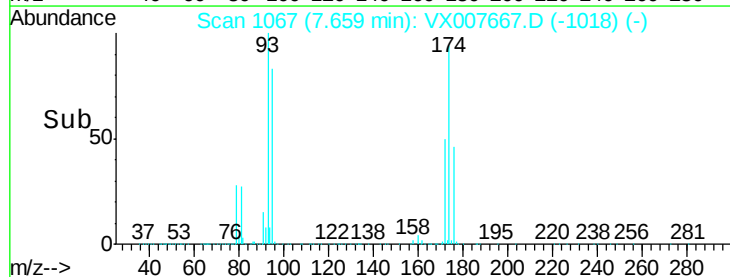
150000

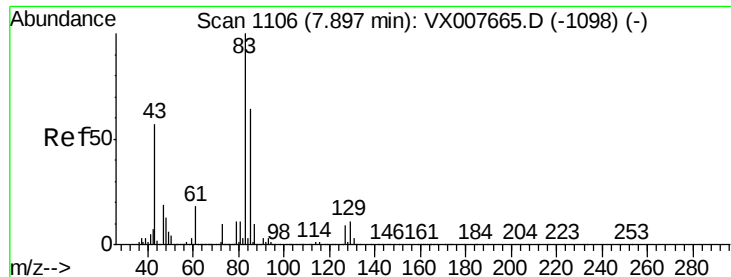
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 165.476 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

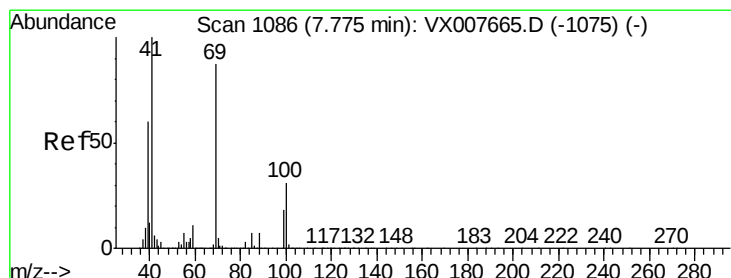
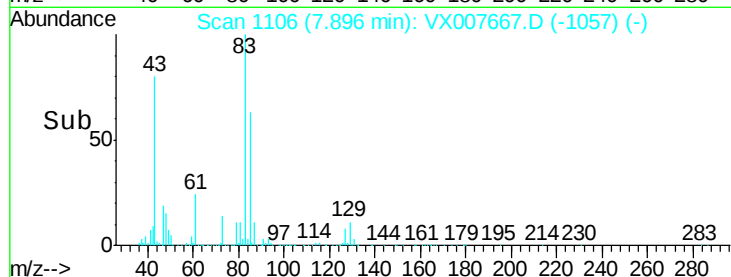
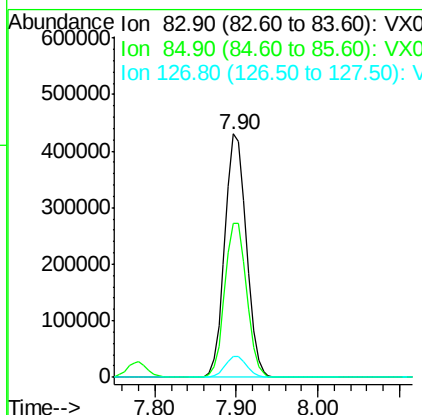
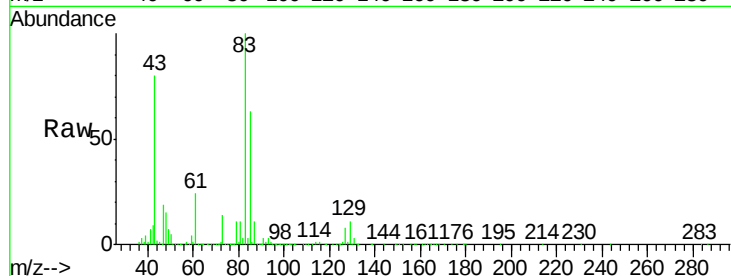
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	783533
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.4	77.0
127	8.5	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 162.382 ug/l

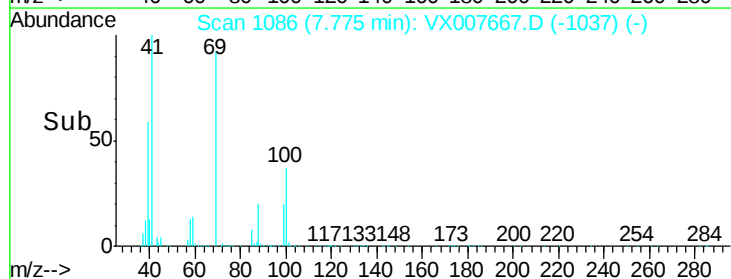
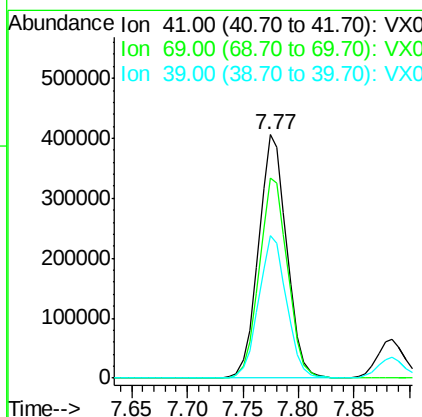
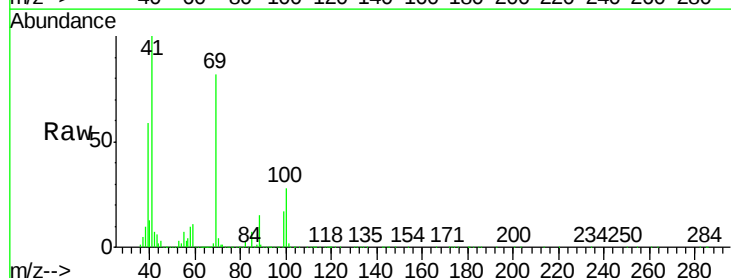
RT: 7.77 min Scan# 1086

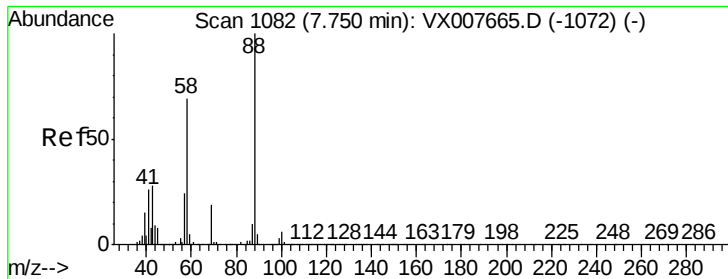
Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion:	41	Resp:	715160
Ion Ratio	Lower	Upper	
41	100		
69	83.3	70.2	105.4
39	58.2	47.4	71.0





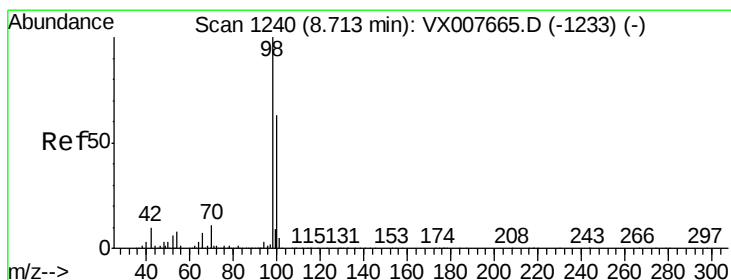
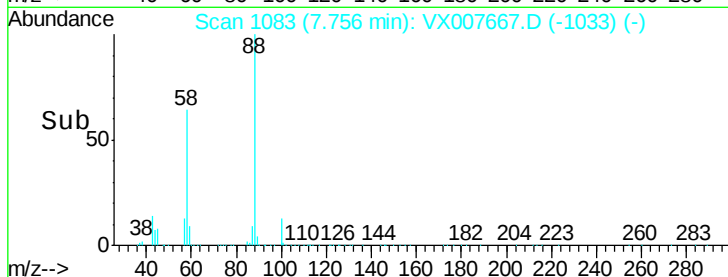
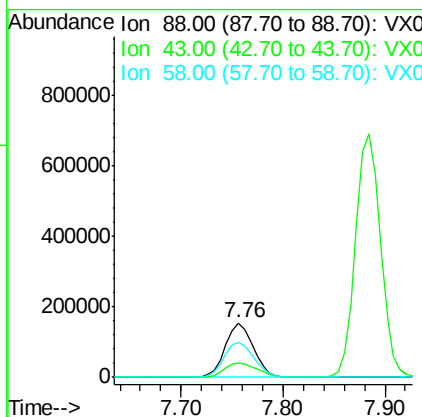
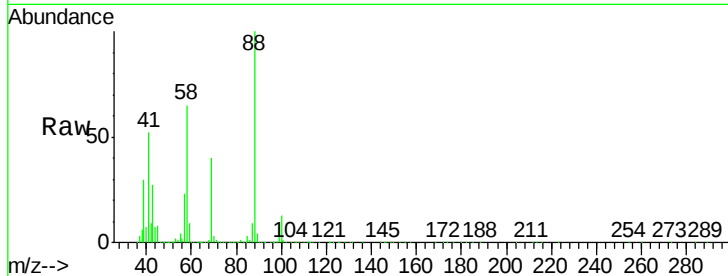
#49
1,4-Dioxane
Concen: 3097.145 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	24.2	36.4
58	68.3	53.0	79.4

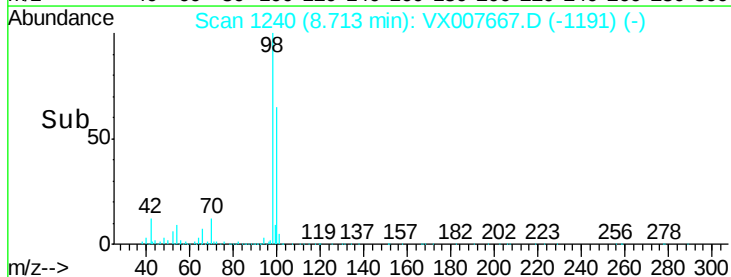
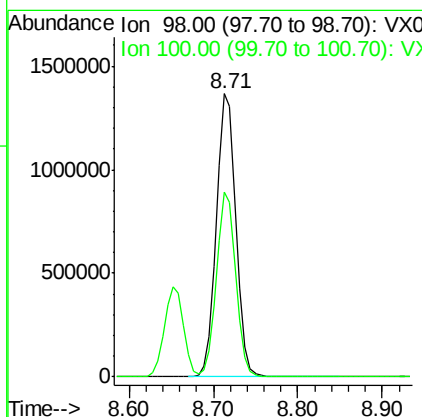
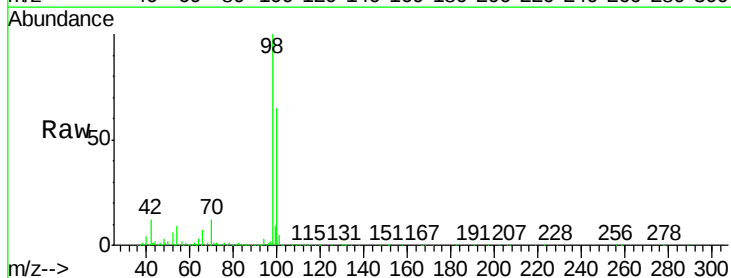
Manual Integrations
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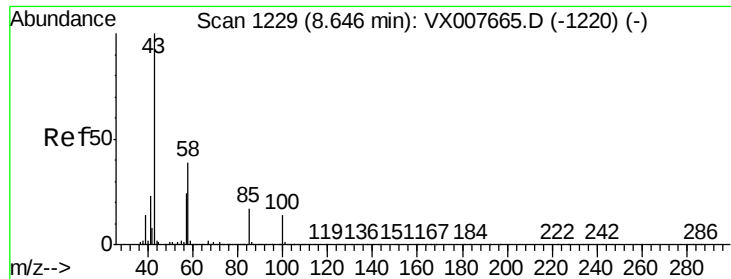
MMDadoda
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#50
Toluene-d8
Concen: 155.995 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





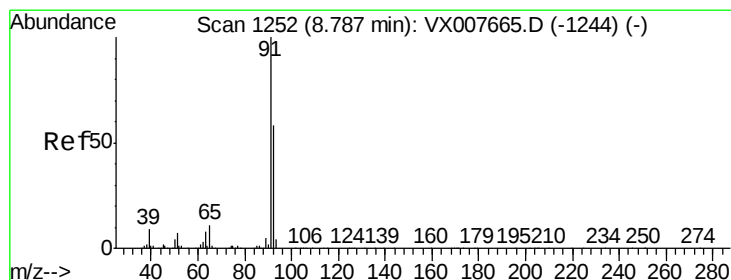
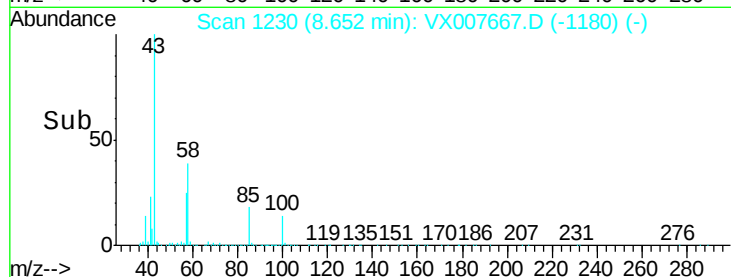
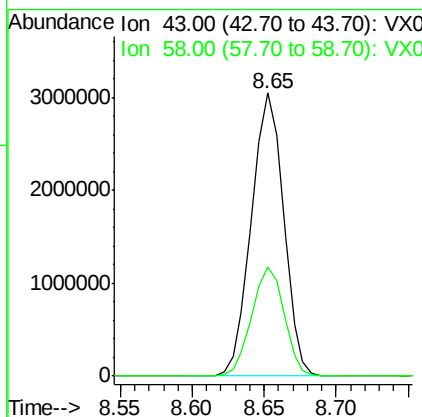
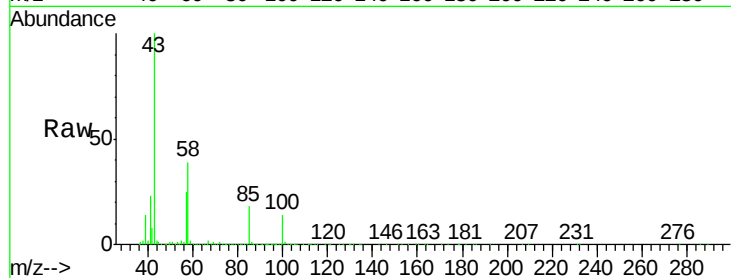
#51
4-Methyl-2-Pentanone
Concen: 847.068 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 4727559
Ion Ratio Lower Upper
43 100
58 38.8 31.2 46.8

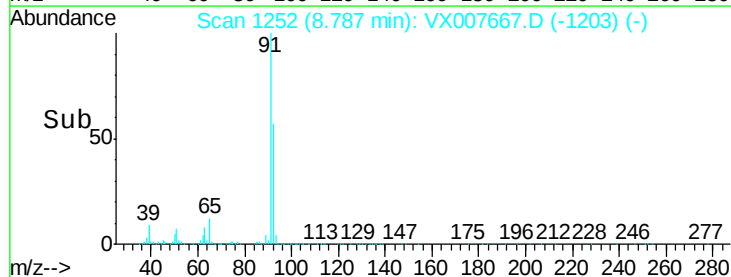
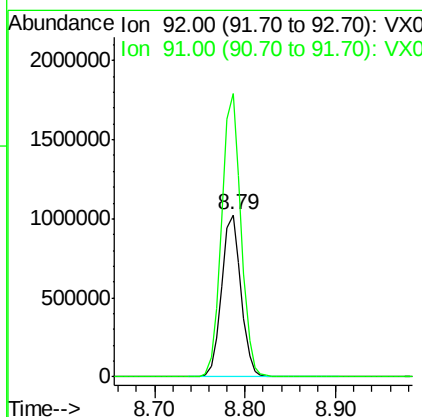
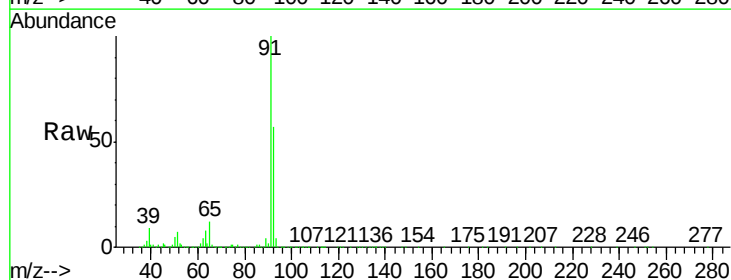
Manual Integrations
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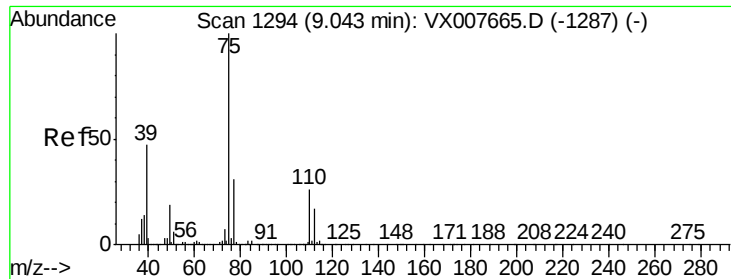
MMDadoda
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#52
Toluene
Concen: 157.949 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion: 92 Resp: 1518385
Ion Ratio Lower Upper
92 100
91 175.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 187.296 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 950461

Ion Ratio Lower Upper

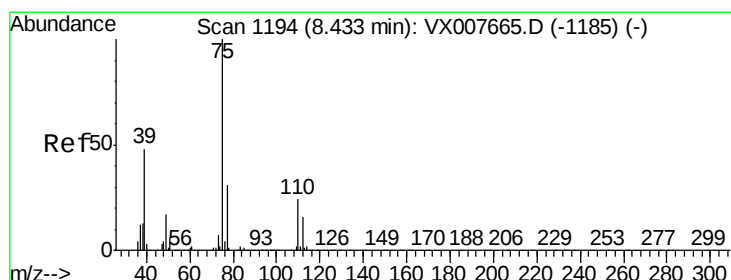
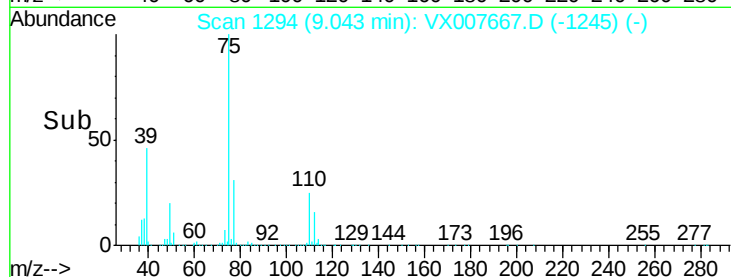
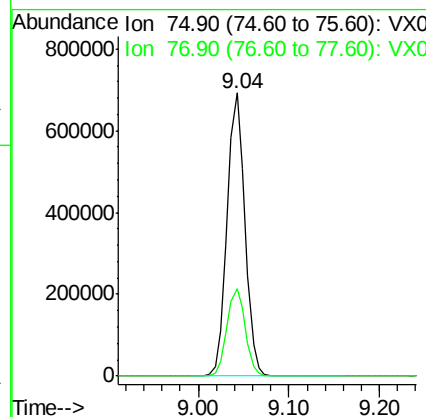
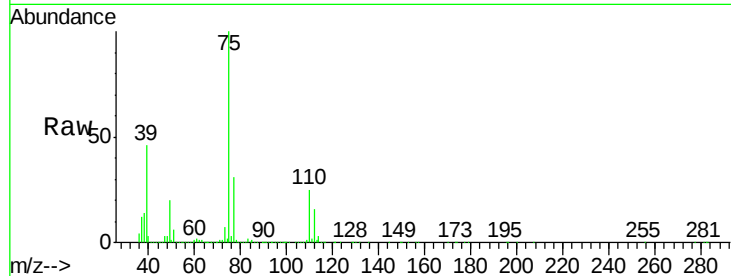
75 100

77 31.1 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 173.146 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

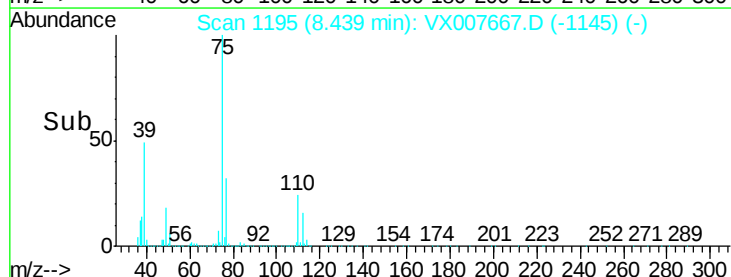
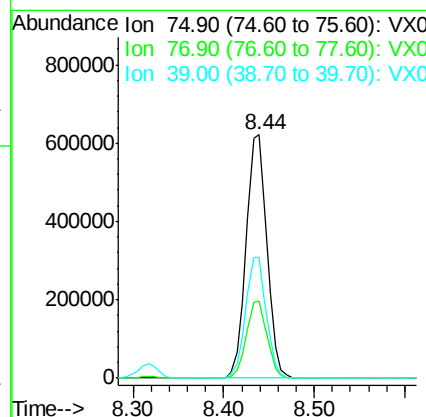
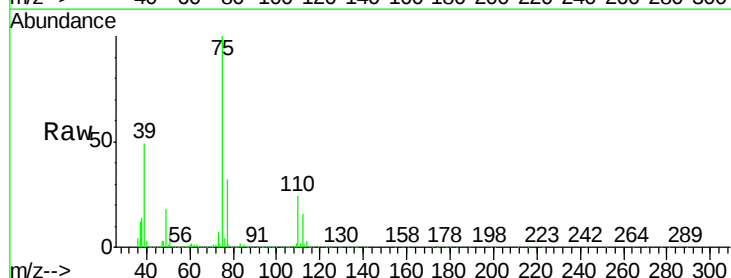
Tgt Ion: 75 Resp: 986643

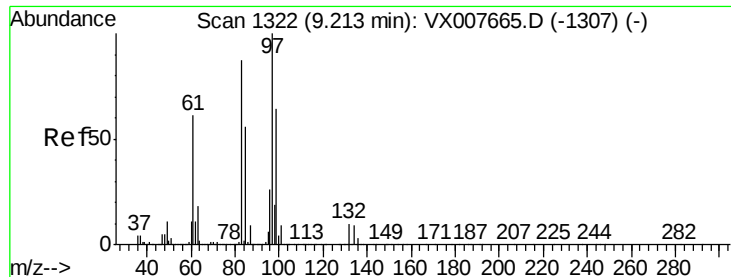
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4

39 49.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 153.552 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

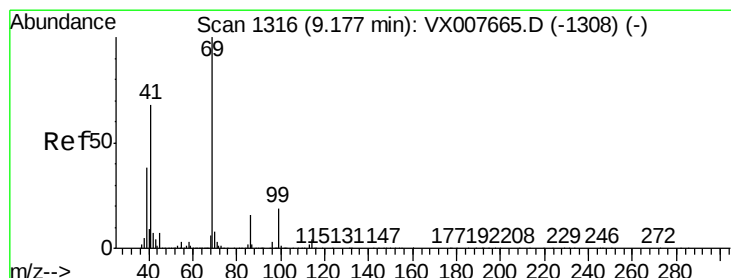
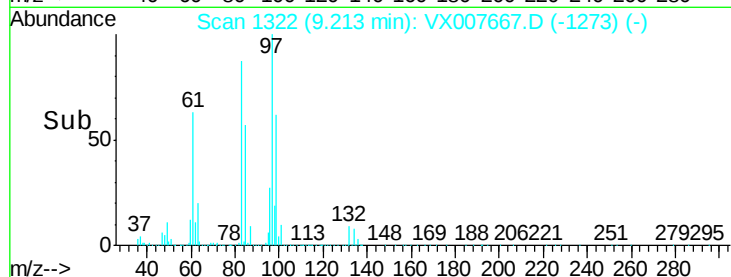
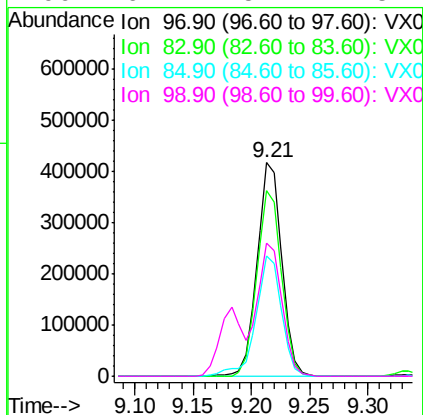
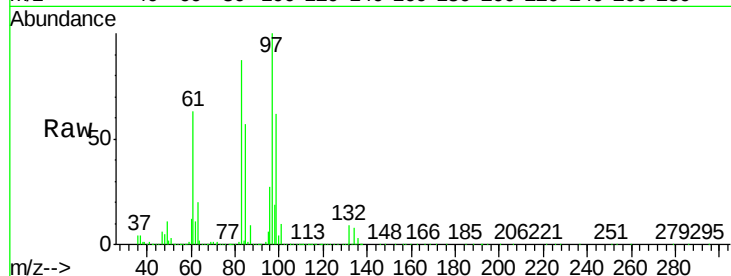
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	618543
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.6	102.8
85	56.6	44.5	66.7
99	62.1	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 178.870 ug/l

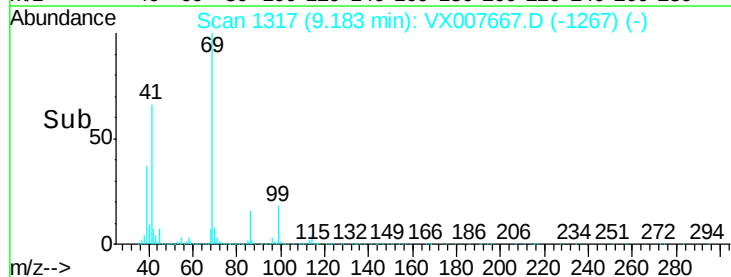
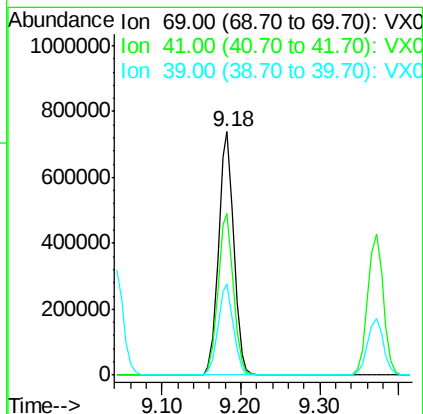
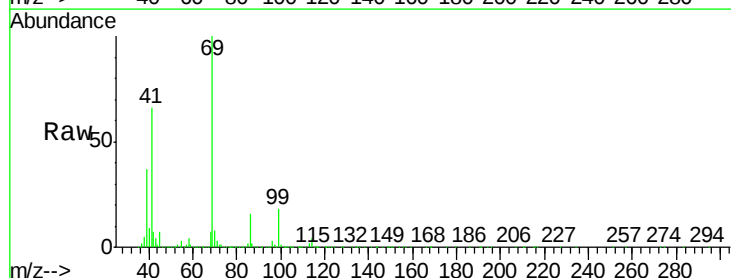
RT: 9.18 min Scan# 1317

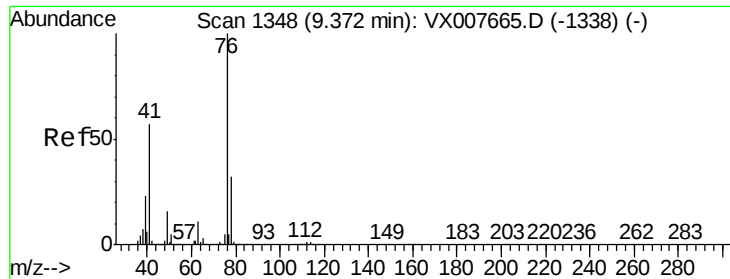
Delta R.T. 0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion:	69	Resp:	996719
Ion	Ratio	Lower	Upper
69	100		
41	67.1	52.1	78.1
39	37.6	30.1	45.1





#57

1,3-Dichloropropane

Concen: 155.083 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 998325

Ion Ratio Lower Upper

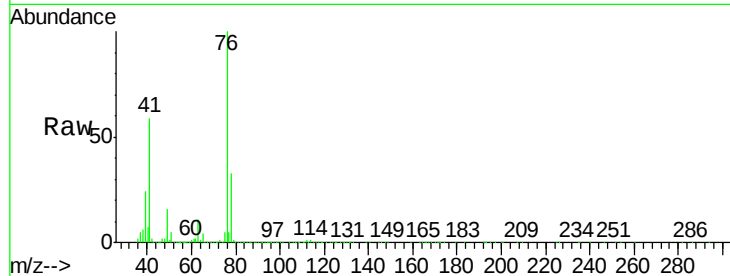
76 100

78 32.1 25.8 38.8

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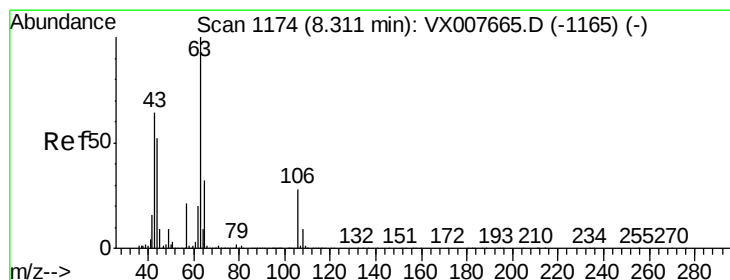
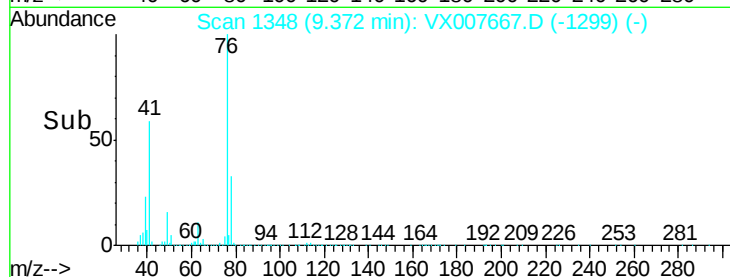
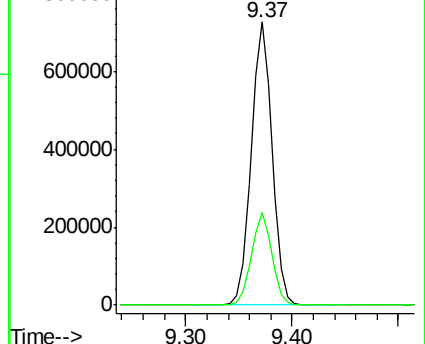
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 810.948 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007667.D

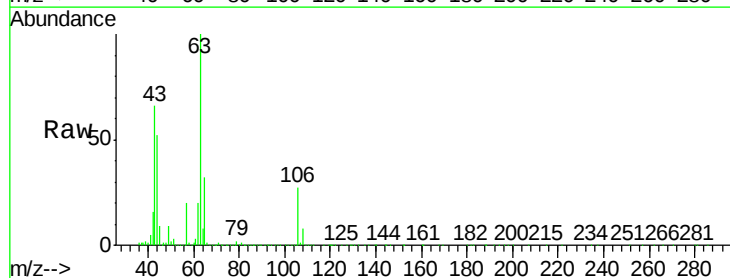
Acq: 25 Feb 2019 12:01

Tgt Ion: 63 Resp: 2537479

Ion Ratio Lower Upper

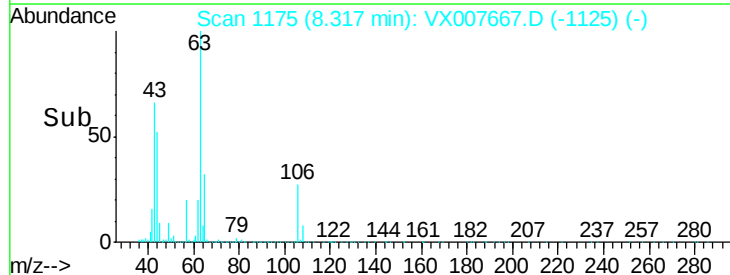
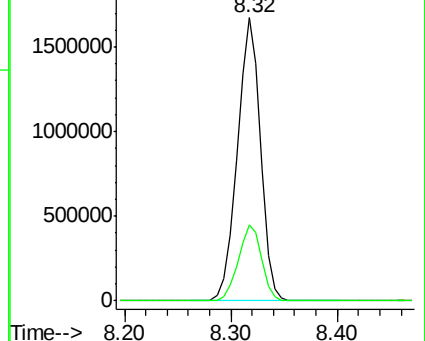
63 100

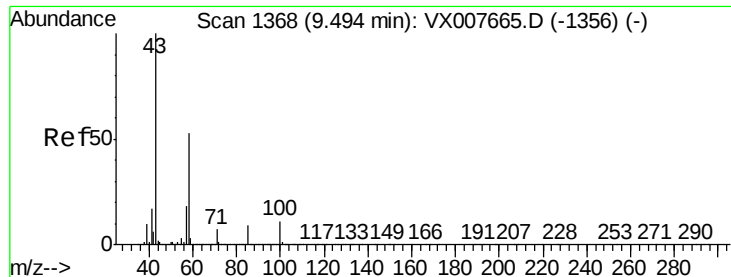
106 27.0 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





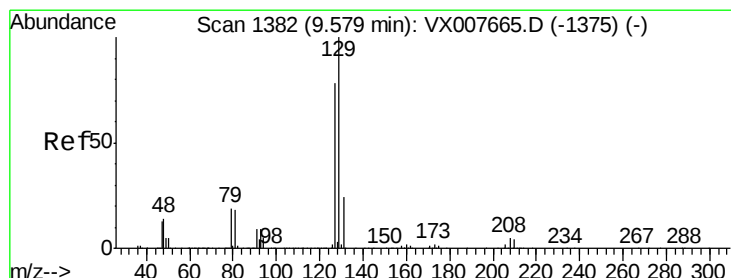
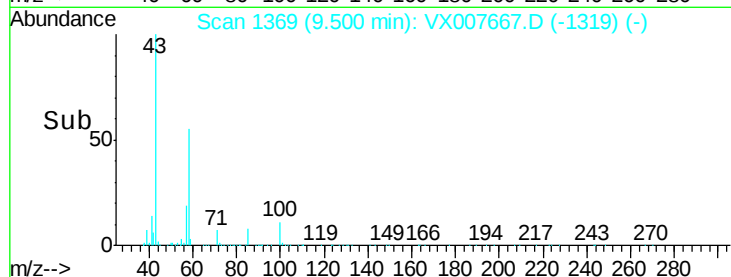
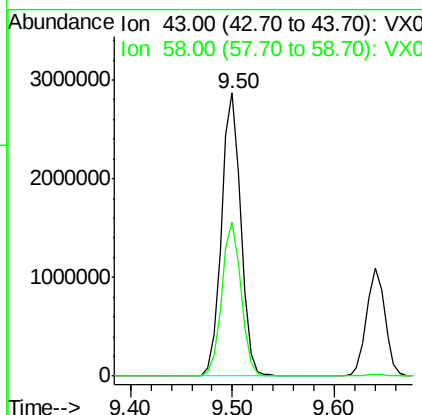
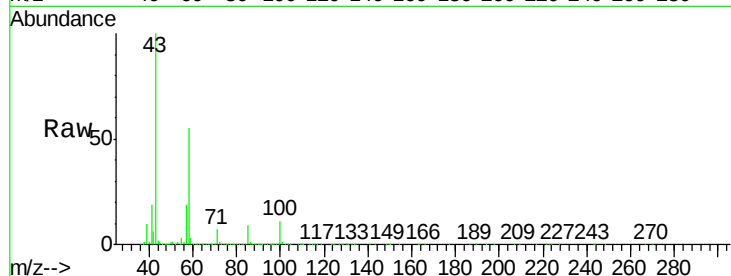
#59
2-Hexanone
Concen: 869.073 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 3789843
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3

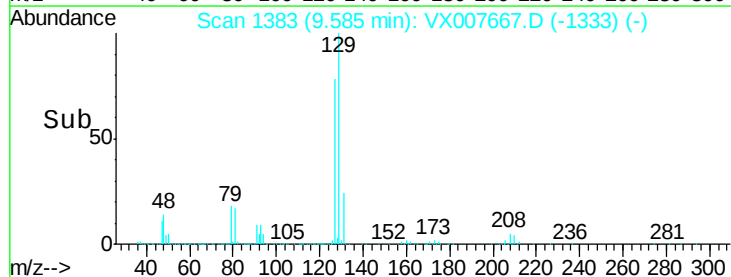
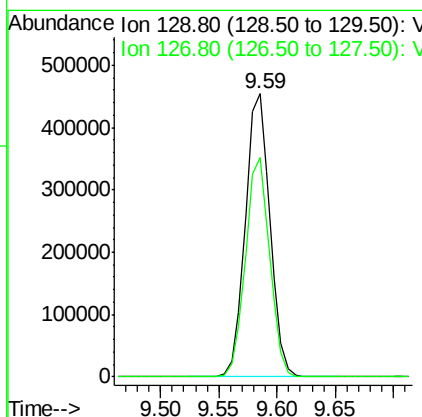
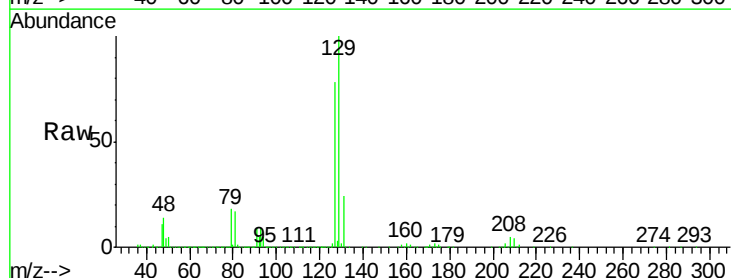
Manual Integrations
APPROVED

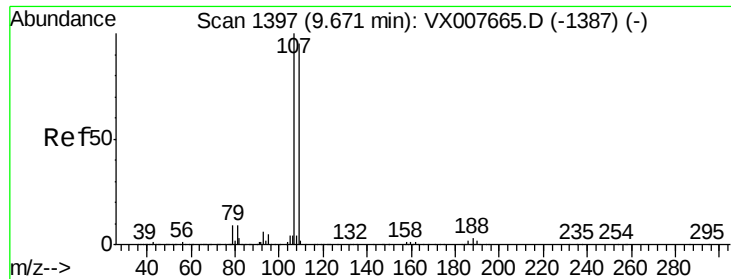
MMDadoda
2/26/2019 2:57:45 PM



#60
Dibromochloromethane
Concen: 177.673 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion: 129 Resp: 670770
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.4





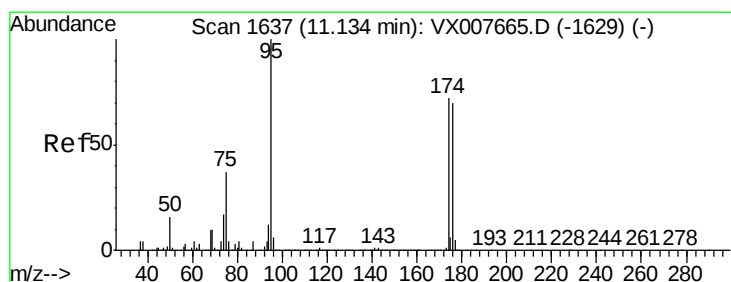
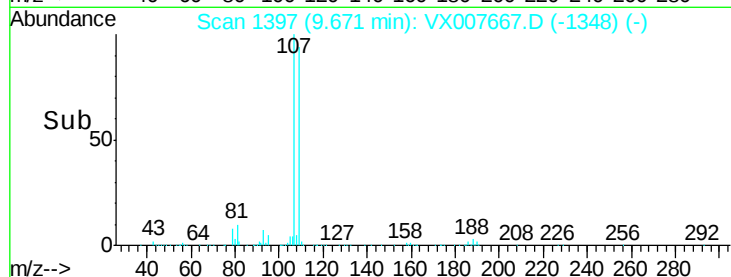
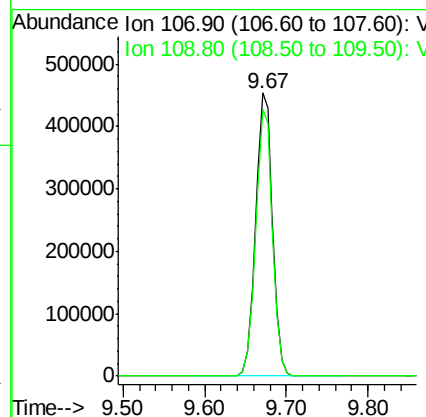
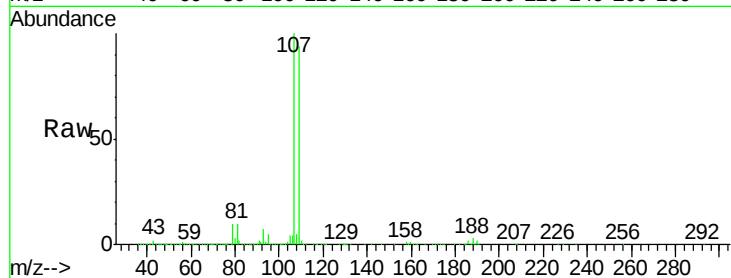
#61
 1,2-Dibromoethane
 Concen: 158.366 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007667.D
 Acq: 25 Feb 2019 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.1	112.7

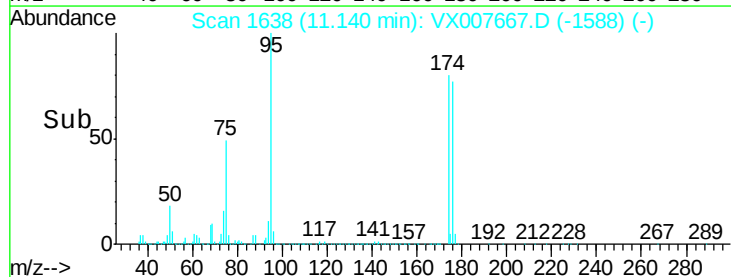
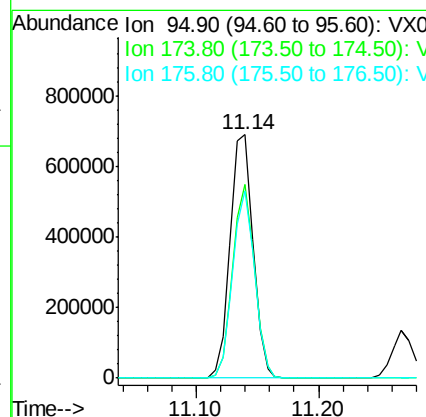
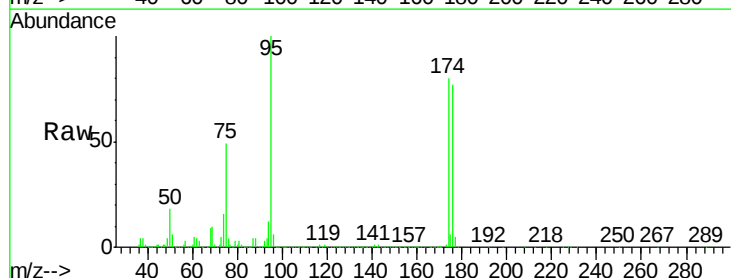
Manual Integrations
 APPROVED

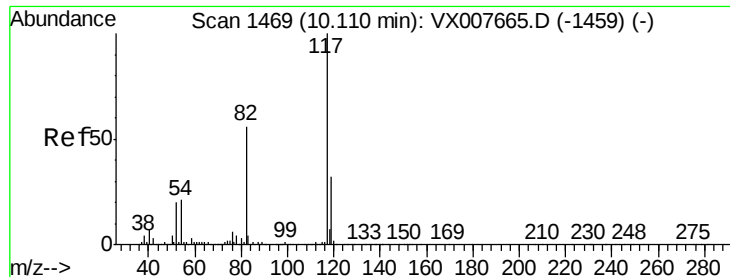
MMDadoda
 2/26/2019 2:57:45 PM



#62
 4-Bromofluorobenzene
 Concen: 178.327 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: VX007667.D
 Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	189.2
176	73.5	0.0	186.2





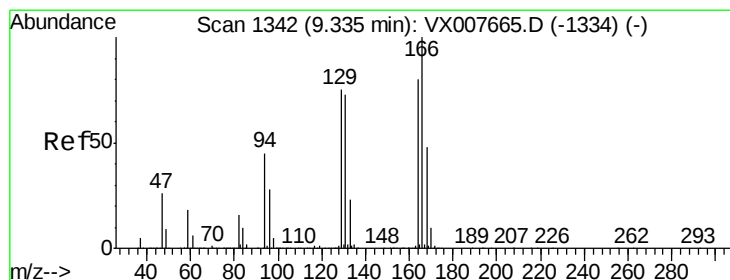
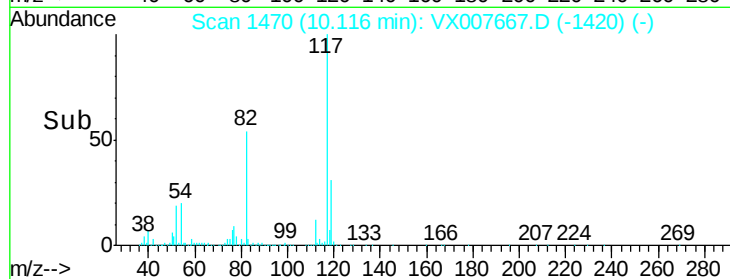
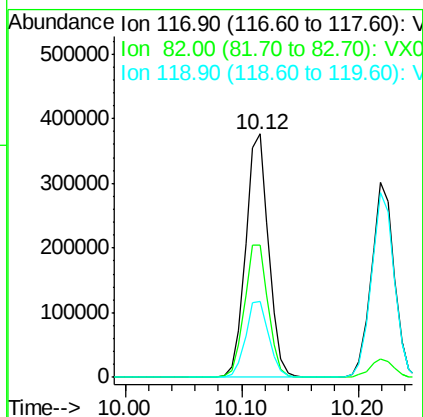
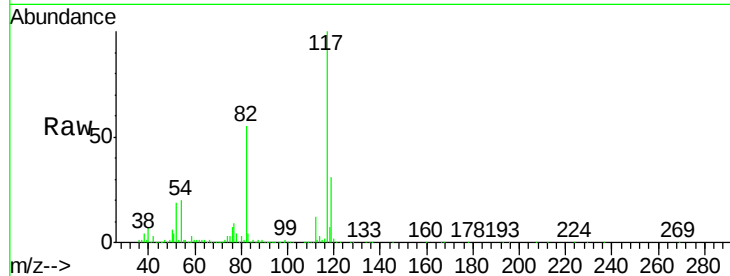
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	516699		
82	54.5	42.1	63.1	
119	31.1	26.5	39.7	

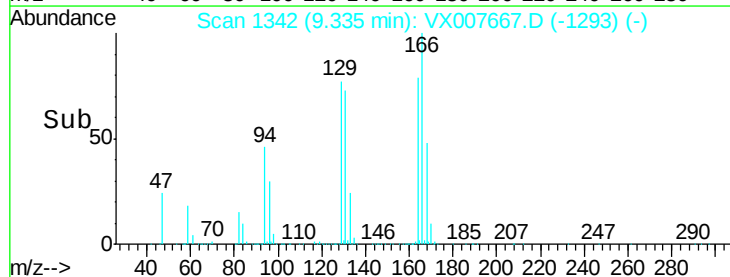
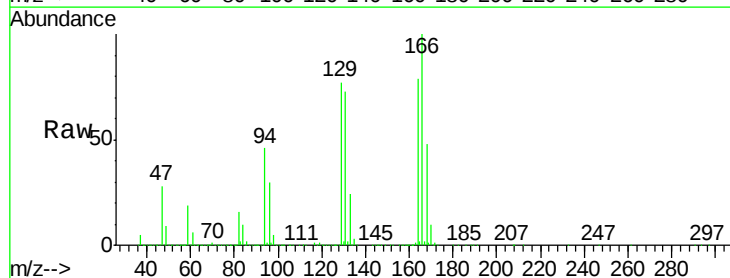
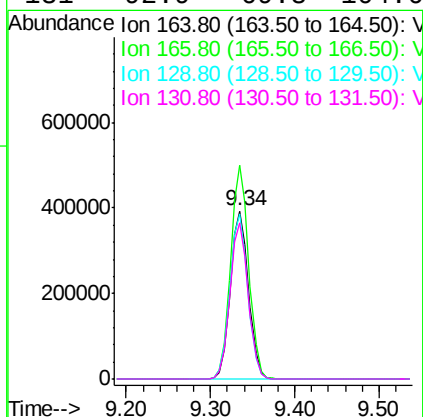
Manual Integrations
APPROVED

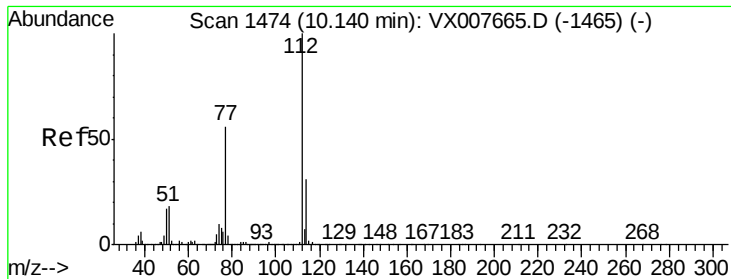
MMDadoda
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#64
Tetrachloroethene
Concen: 135.069 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	576124		
166	127.2	101.0	151.4	
129	98.0	70.5	105.7	
131	92.9	69.8	104.6	





#65

Chlorobenzene

Concen: 146.781 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1646196

Ion Ratio Lower Upper

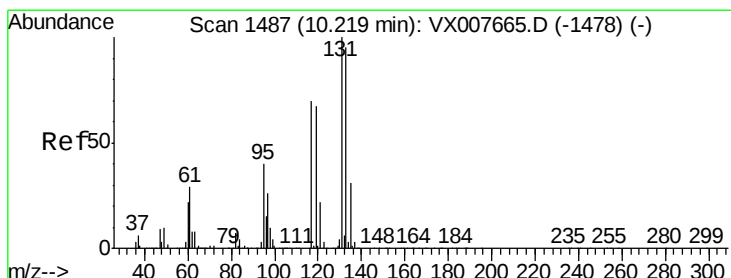
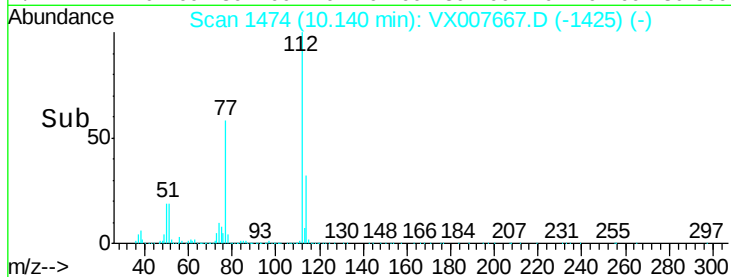
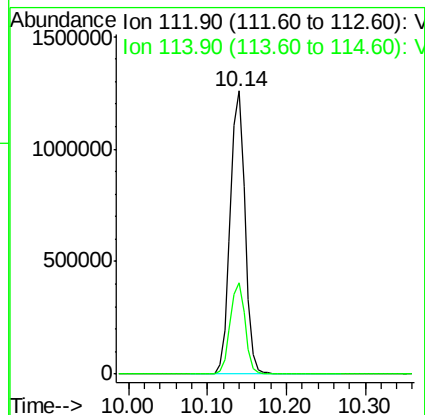
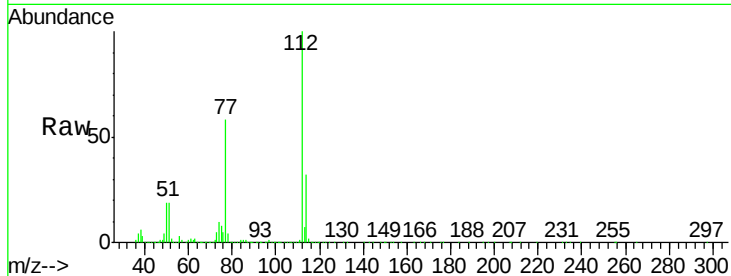
112 100

114 32.3 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 152.502 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

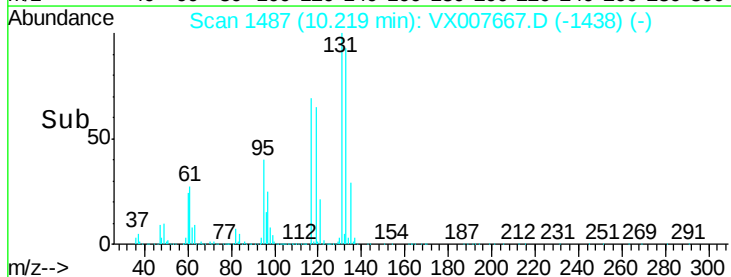
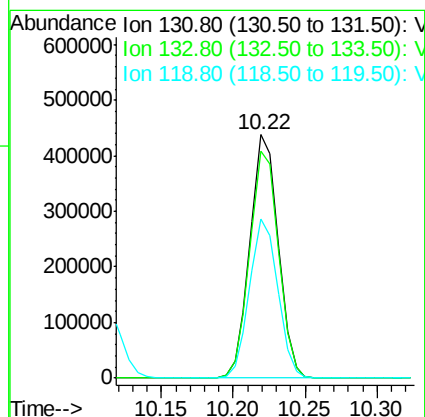
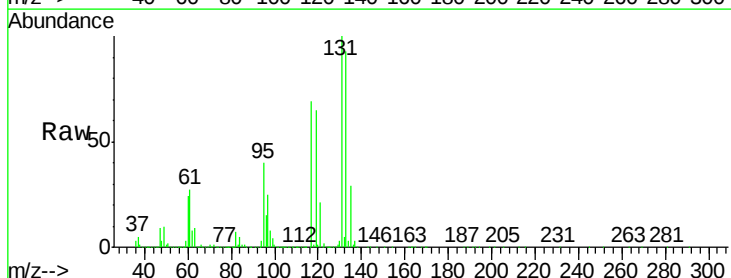
Tgt Ion:131 Resp: 592828

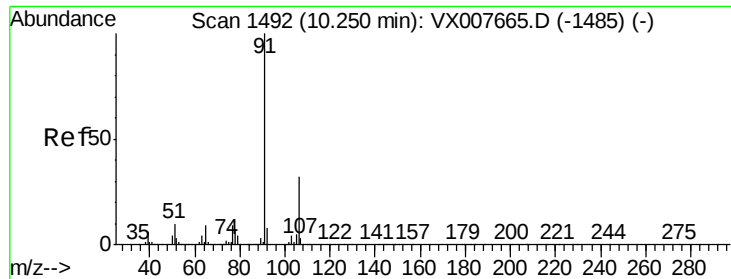
Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.2

119 65.3 32.0 96.0





#67

Ethyl Benzene

Concen: 155.509 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2861310

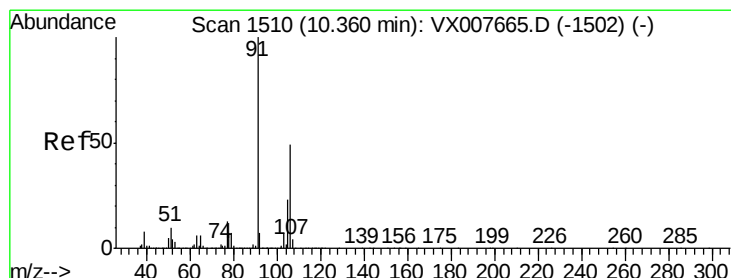
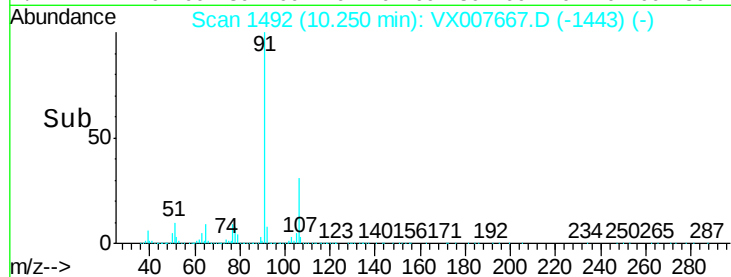
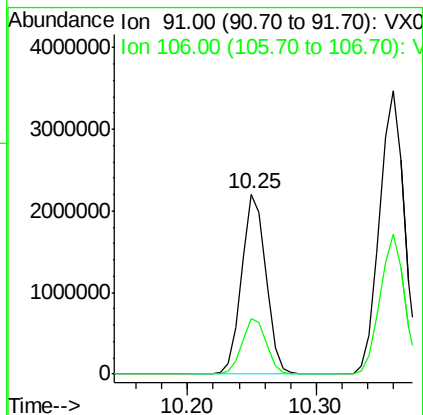
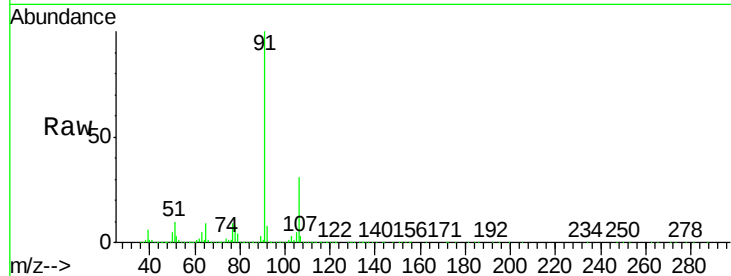
Ion Ratio Lower Upper

91 100

106 30.7 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 313.127 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007667.D

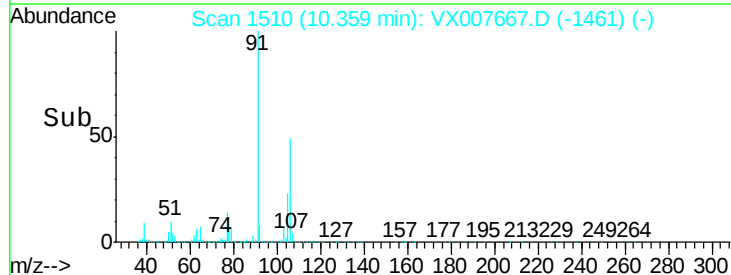
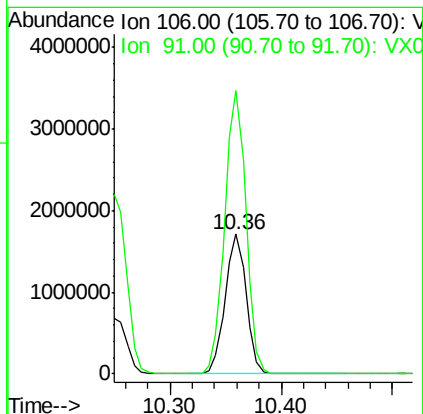
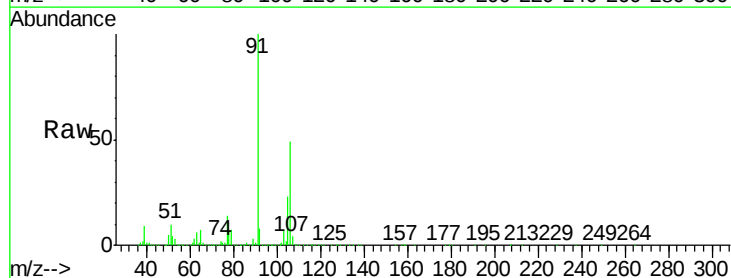
Acq: 25 Feb 2019 12:01

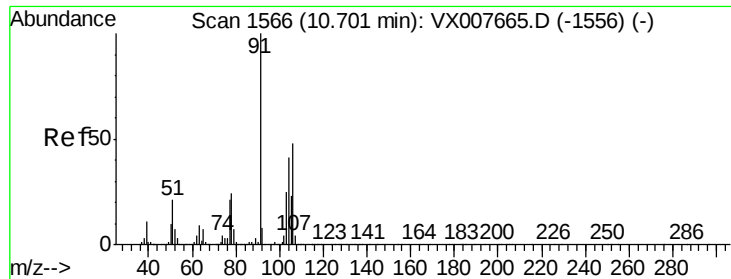
Tgt Ion: 106 Resp: 2238765

Ion Ratio Lower Upper

106 100

91 205.6 156.6 234.8





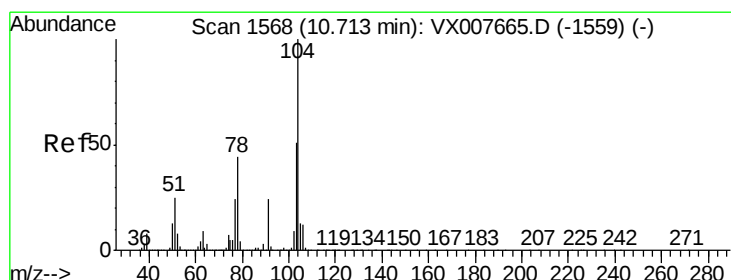
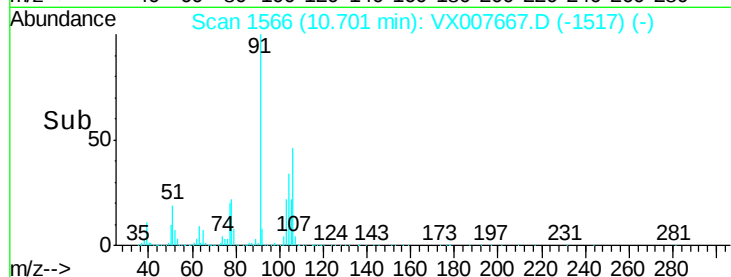
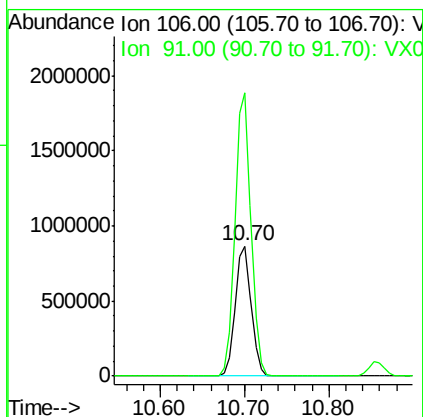
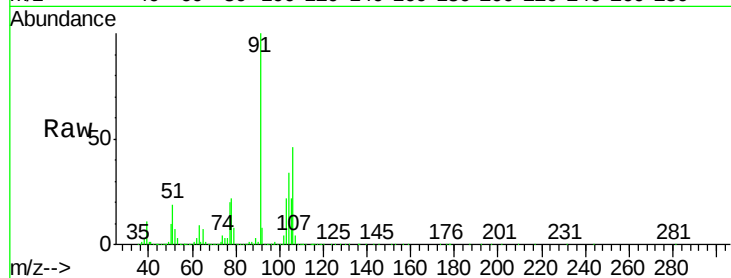
#69
o-Xylene
Concen: 161.611 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion:106 Resp: 1105268
Ion Ratio Lower Upper
106 100
91 216.9 102.9 308.7

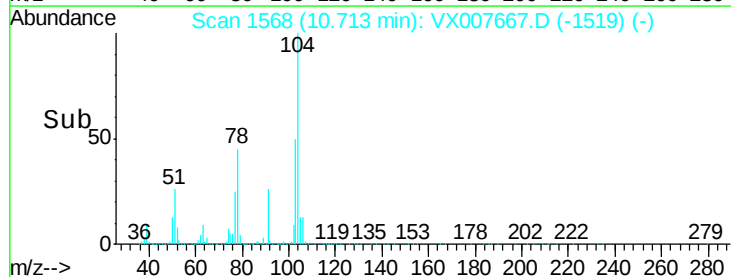
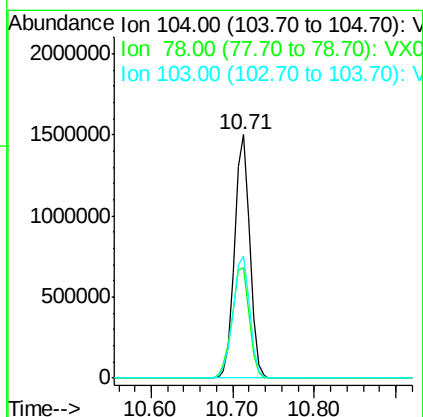
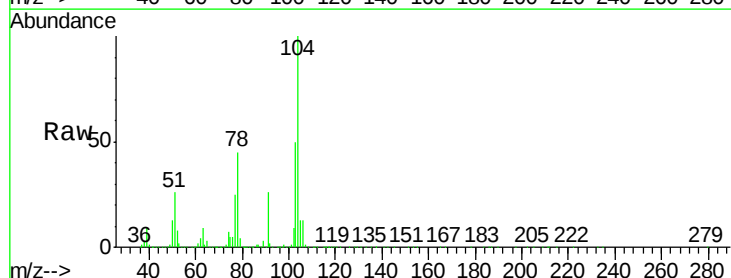
Manual Integrations
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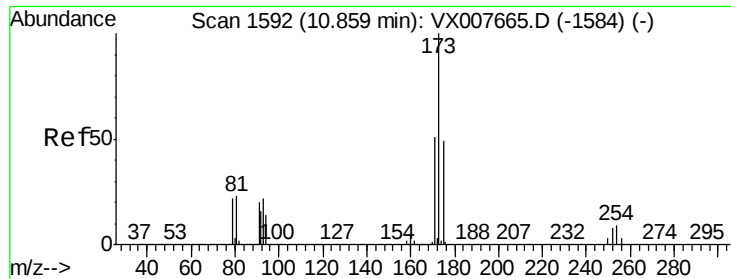
MMDadoda
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#70
Styrene
Concen: 170.371 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion:104 Resp: 1896981
Ion Ratio Lower Upper
104 100
78 51.9 38.3 57.5
103 55.4 44.6 67.0





#71

Bromoform

Concen: 186.897 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

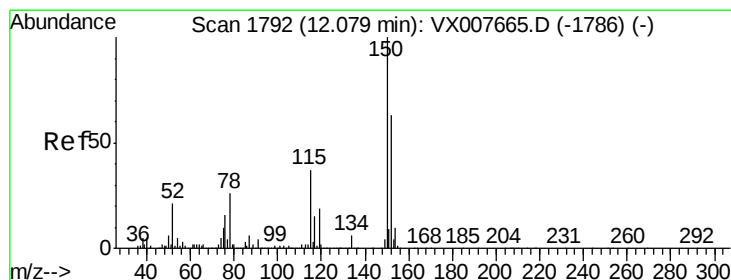
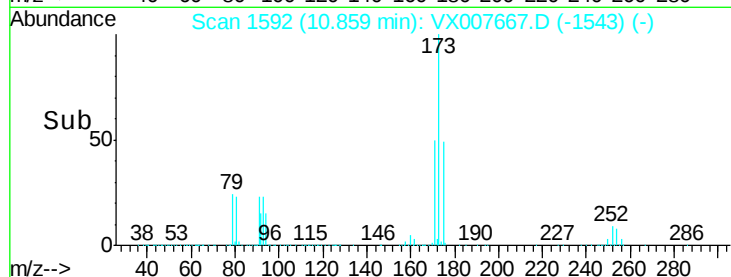
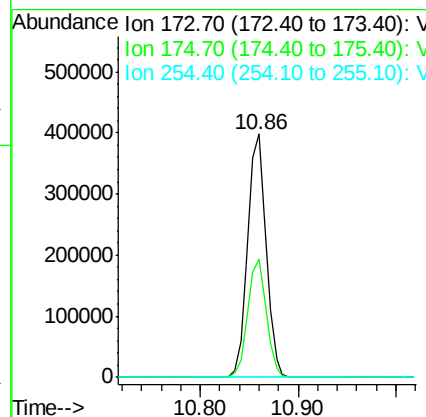
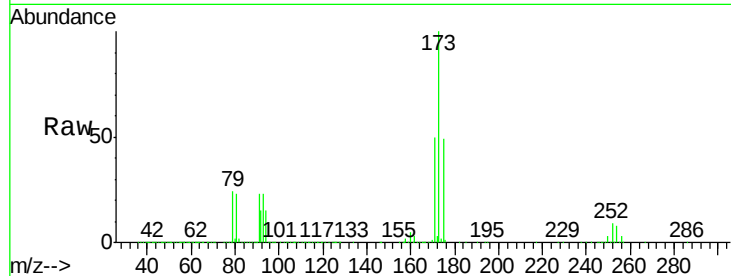
ClientSampled :

VSTDICC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.2	72.6
254	0.1	0.2	0.2

Manual Integrations
APPROVED

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

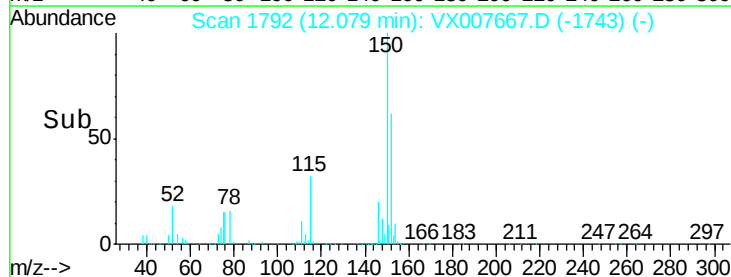
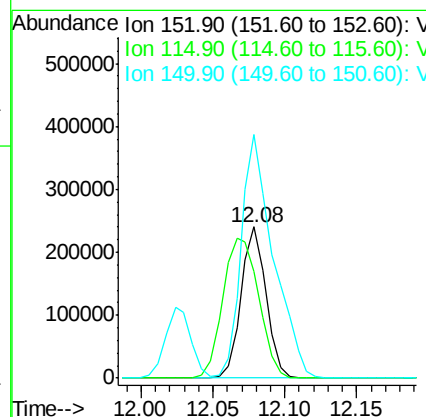
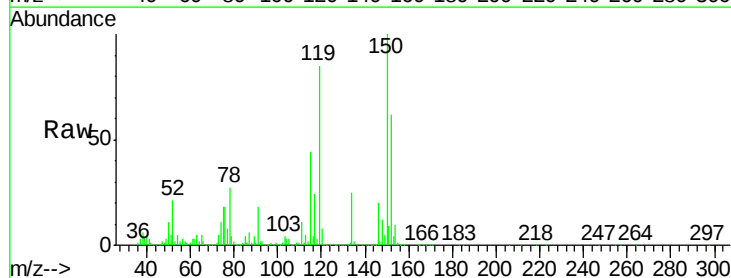
RT: 12.08 min Scan# 1792

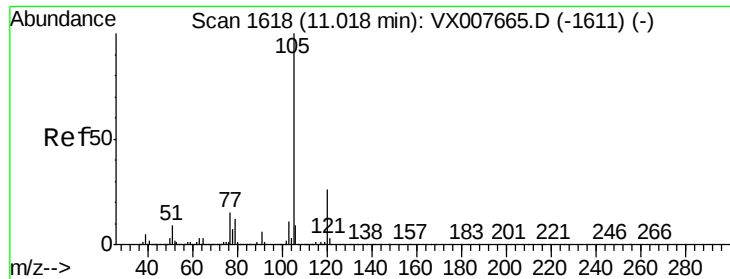
Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	133.5	38.0	114.0
150	207.2	0.0	346.4





#73

Isopropylbenzene

Concen: 144.777 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3017147

Ion Ratio Lower Upper

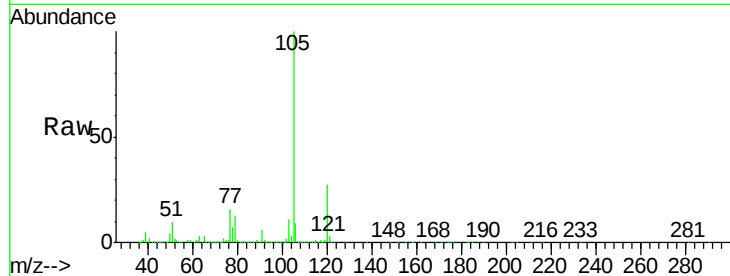
105 100

120 26.8 13.6 40.7

Manual Integrations
APPROVED

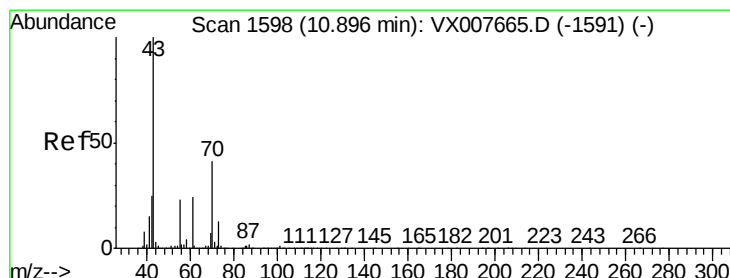
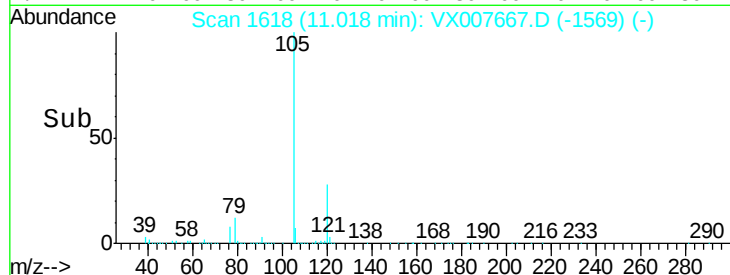
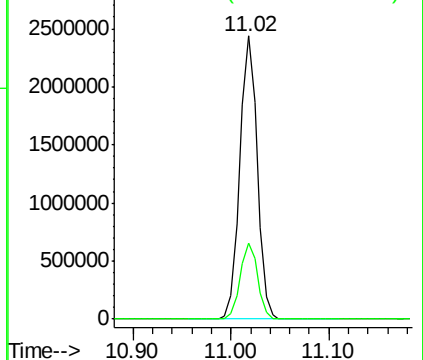
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 168.916 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion: 43 Resp: 1488519

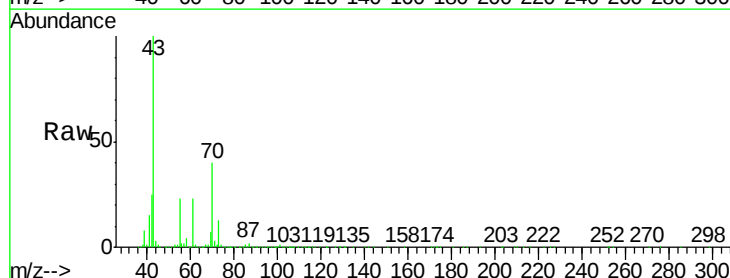
Ion Ratio Lower Upper

43 100

70 41.3 33.8 50.6

55 23.3 19.5 29.3

61 24.3 19.4 29.2

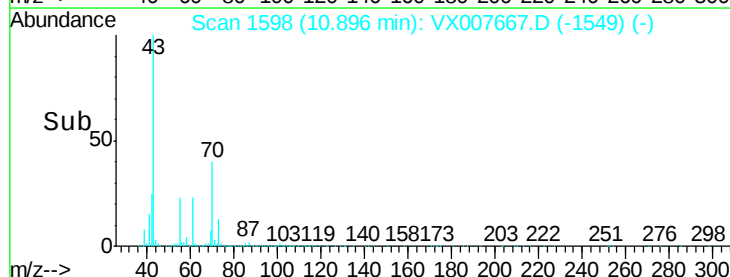
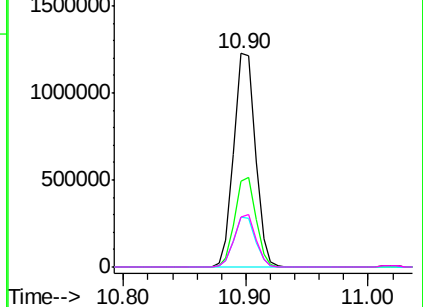


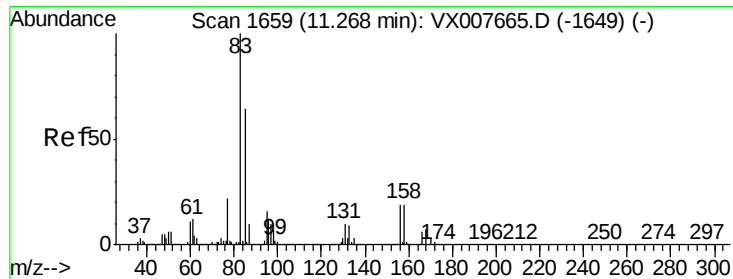
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 143.810 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 83 Resp: 1037687

Ion Ratio Lower Upper

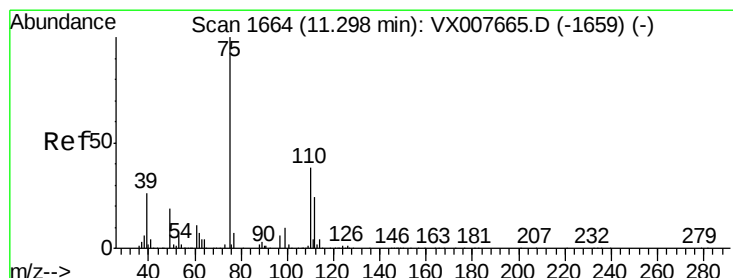
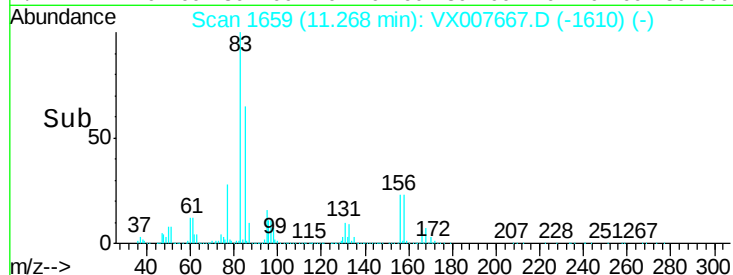
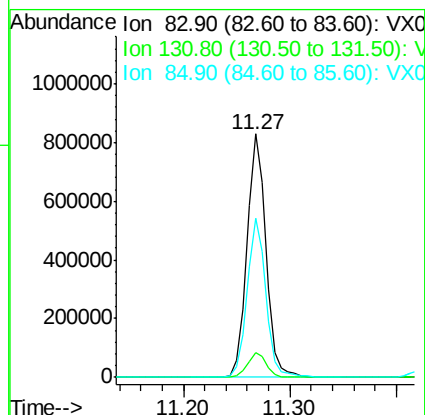
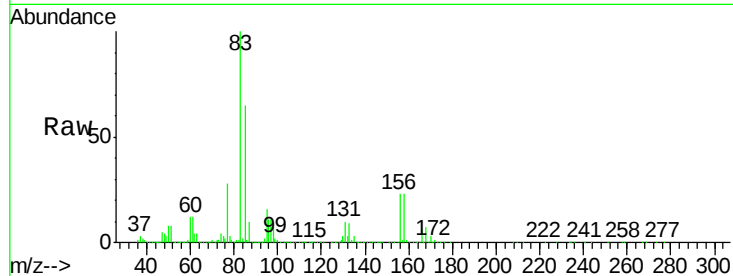
83 100

131 10.0 5.7 17.0

85 64.5 32.8 98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 160.788 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007667.D

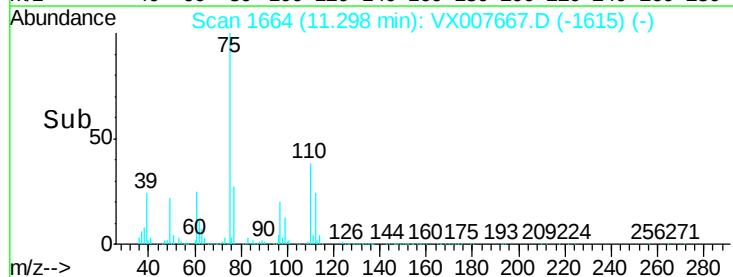
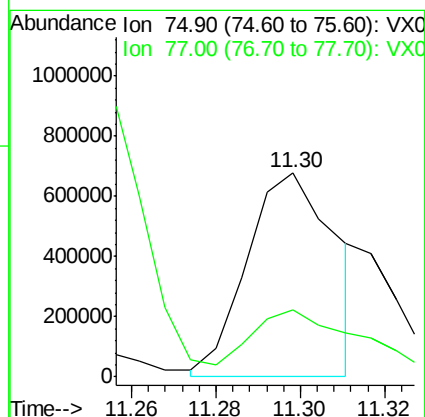
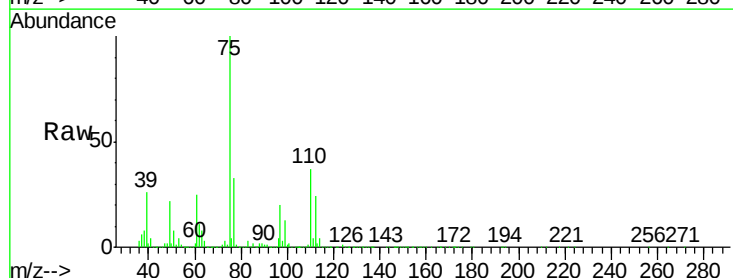
Acq: 25 Feb 2019 12:01

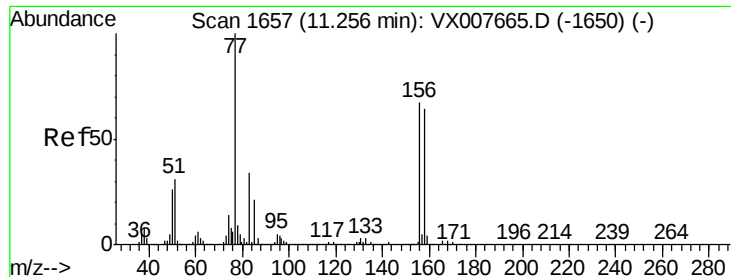
Tgt Ion: 75 Resp: 981774

Ion Ratio Lower Upper

75 100

77 40.8 23.0 69.0





#77

Bromobenzene

Concen: 142.480 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

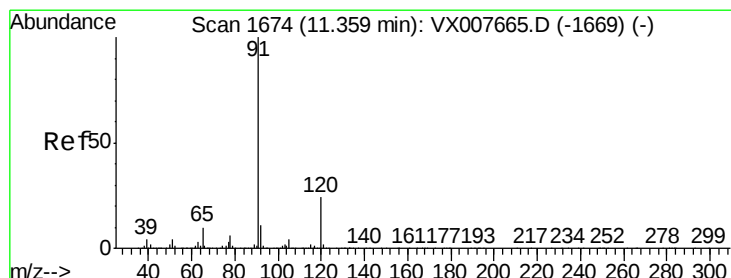
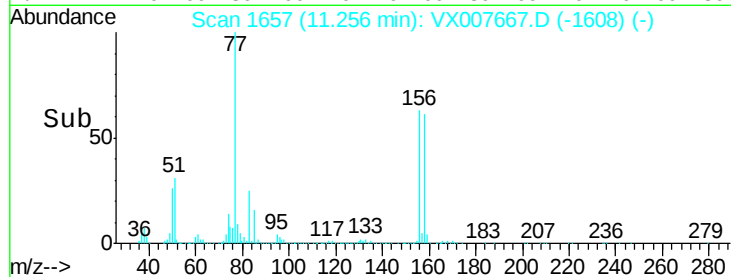
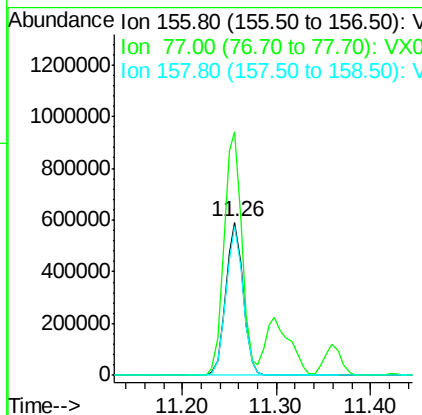
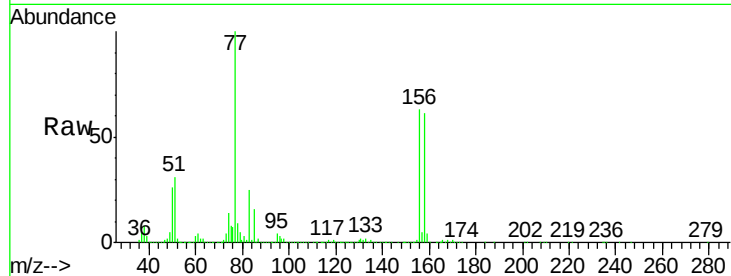
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	746678
Ion Ratio	Lower	Upper	
156	100		
77	165.1	66.8	200.6
158	97.1	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 151.035 ug/l

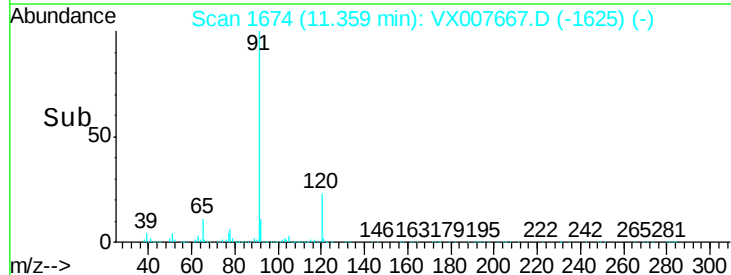
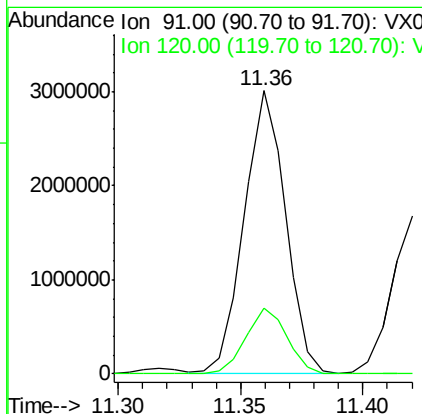
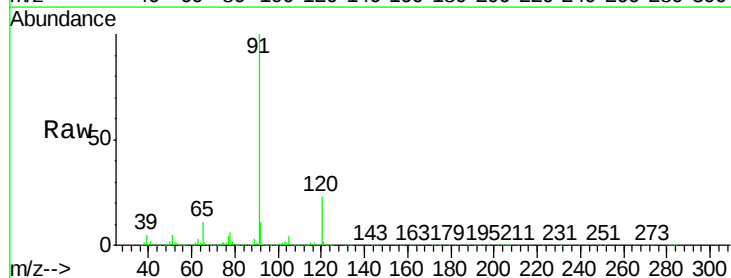
RT: 11.36 min Scan# 1674

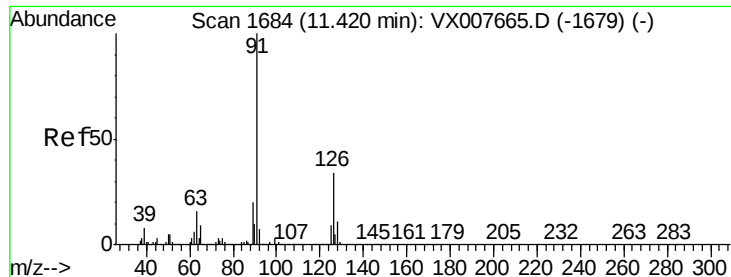
Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion:	91	Resp:	3532095
Ion Ratio	Lower	Upper	
91	100		
120	23.2	12.4	37.2





#79

2-Chlorotoluene

Concen: 148.381 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2095557

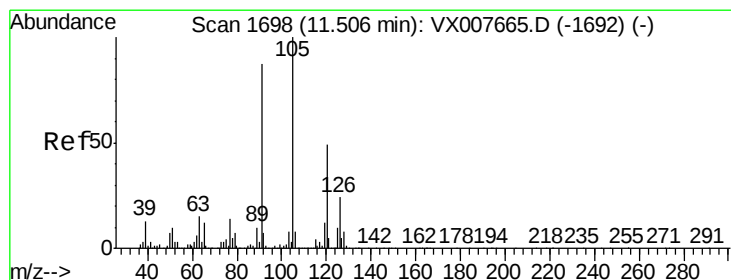
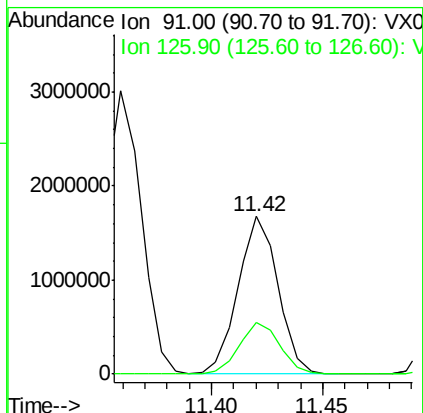
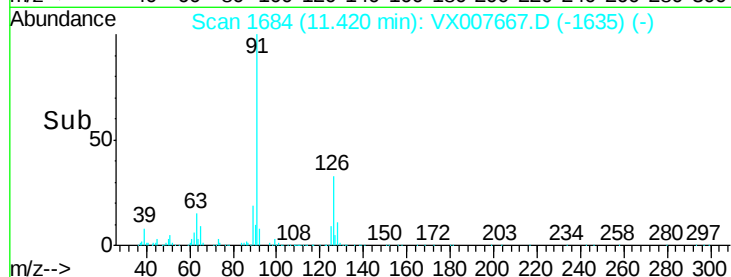
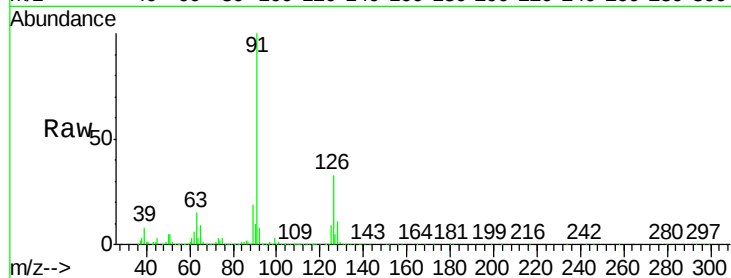
Ion Ratio Lower Upper

91 100

126 33.4 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 149.048 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007667.D

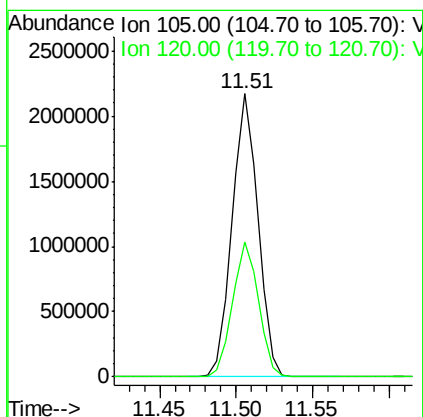
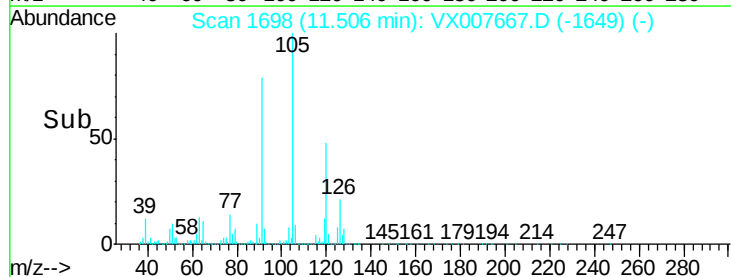
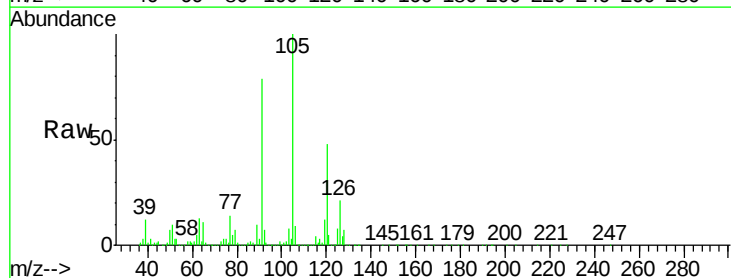
Acq: 25 Feb 2019 12:01

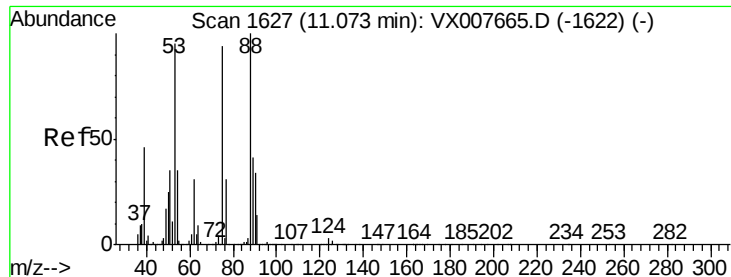
Tgt Ion: 105 Resp: 2542849

Ion Ratio Lower Upper

105 100

120 47.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 187.264 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

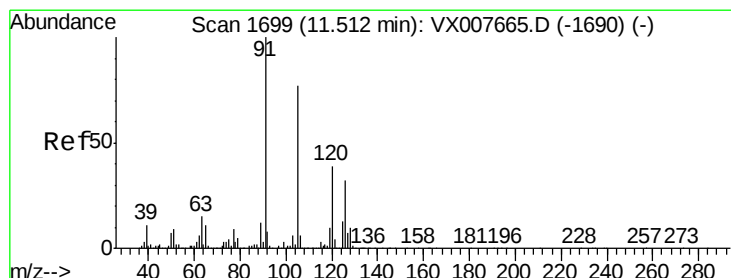
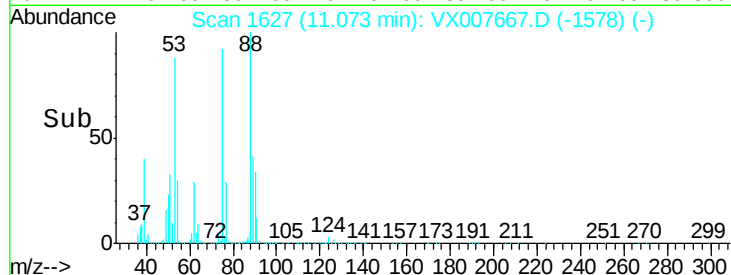
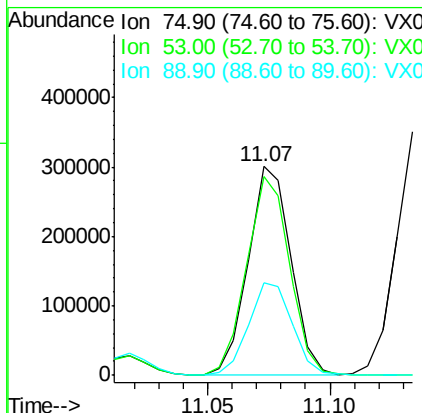
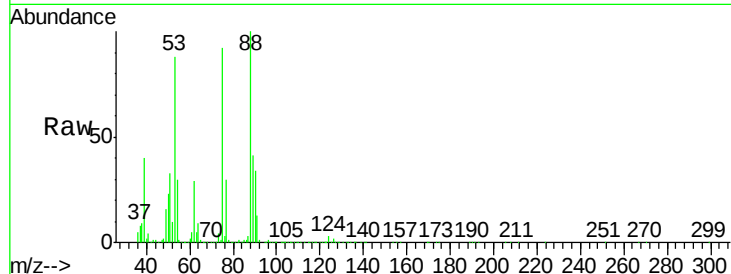
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	367569
Ion	Ratio	Lower	Upper
75	100		
53	96.0	81.0	121.6
89	45.5	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 153.248 ug/l

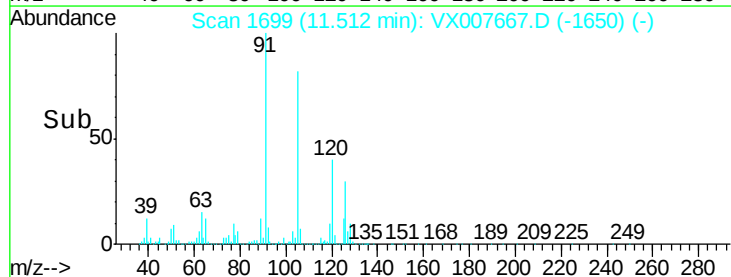
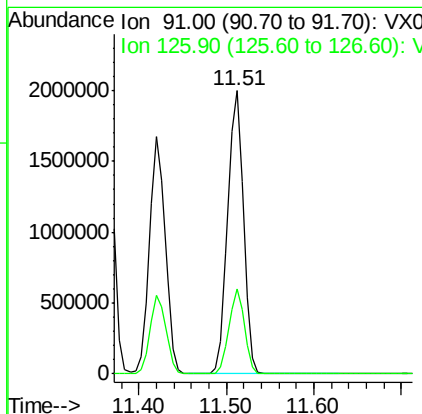
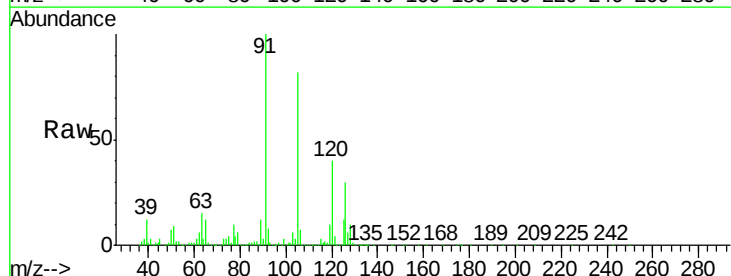
RT: 11.51 min Scan# 1699

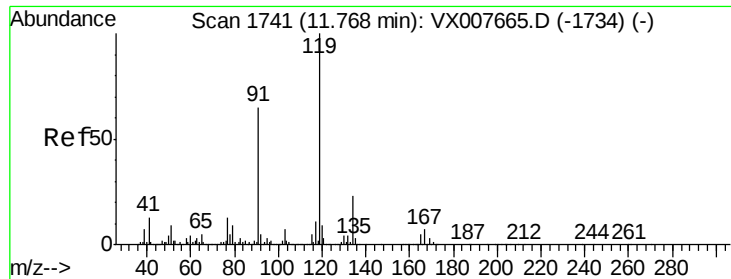
Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion:	91	Resp:	2518196
Ion	Ratio	Lower	Upper
91	100		
126	29.3	16.2	48.5





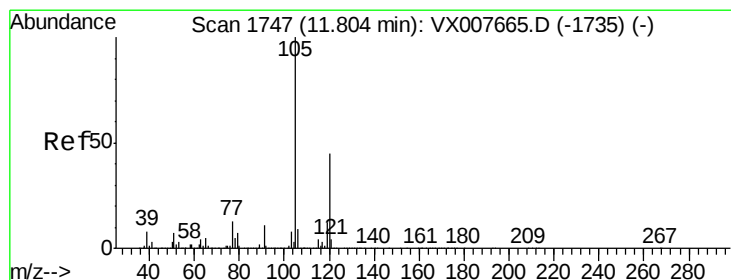
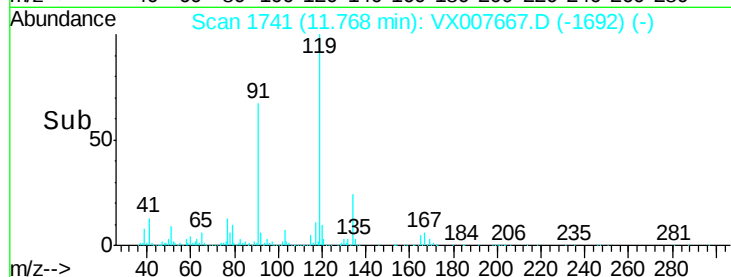
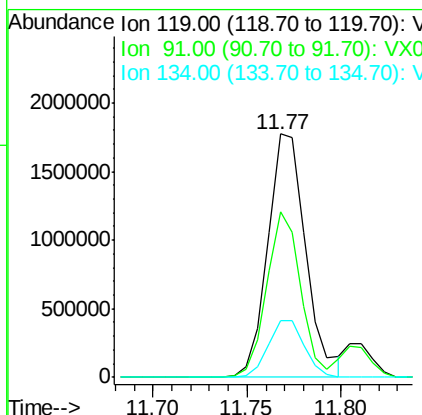
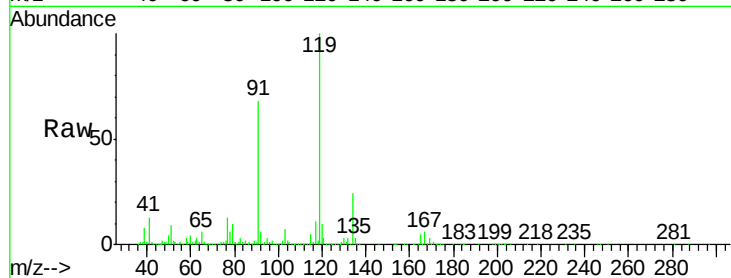
#83
tert-Butylbenzene
Concen: 152.033 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.3	28.5	85.6
134	22.3	12.0	36.0

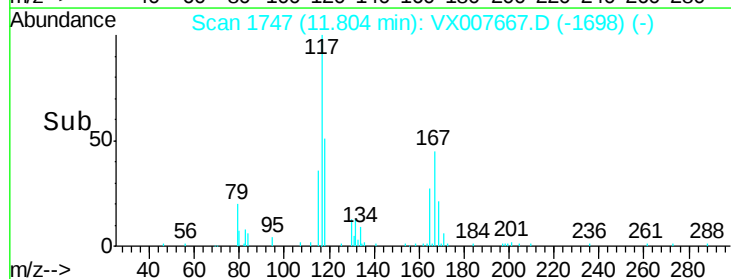
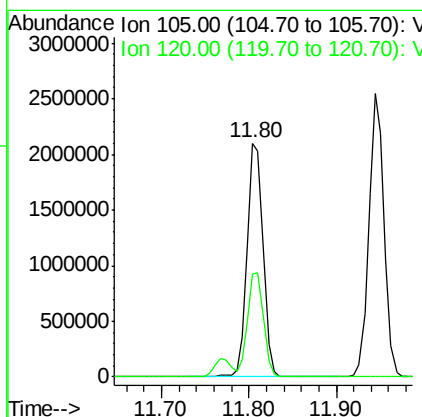
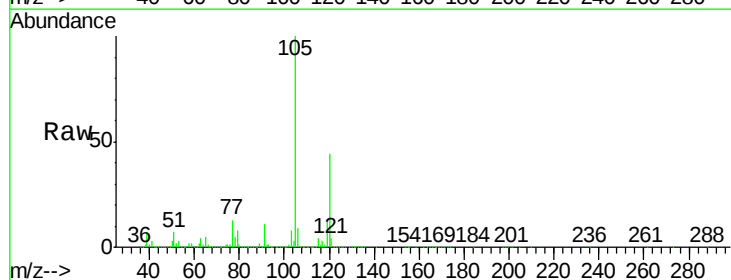
Manual Integrations
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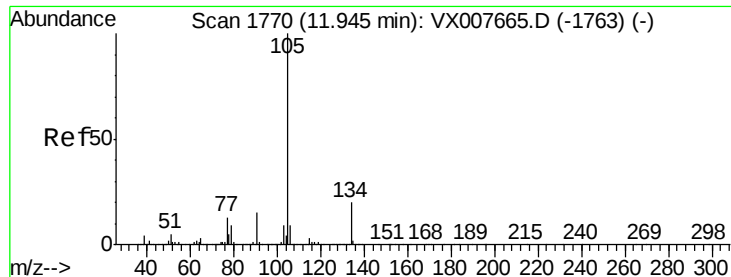
MMDadoda
2/26/2019 2:57:45 PM



#84
1,2,4-Trimethylbenzene
Concen: 150.964 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 151.588 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion:105 Resp: 3102822

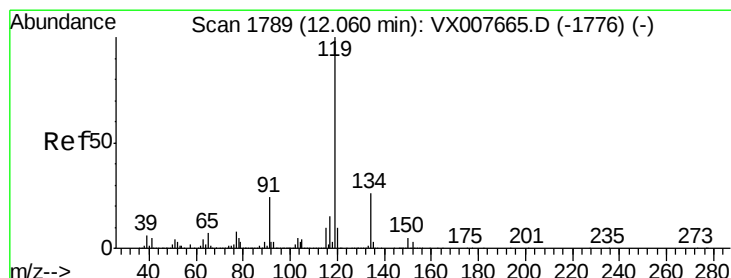
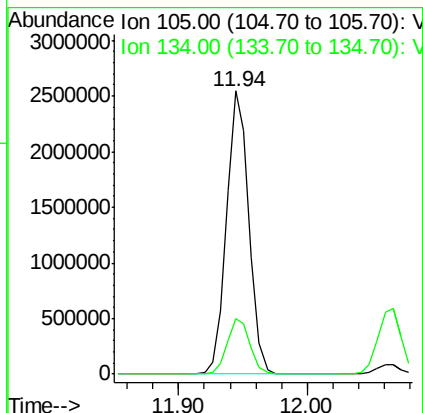
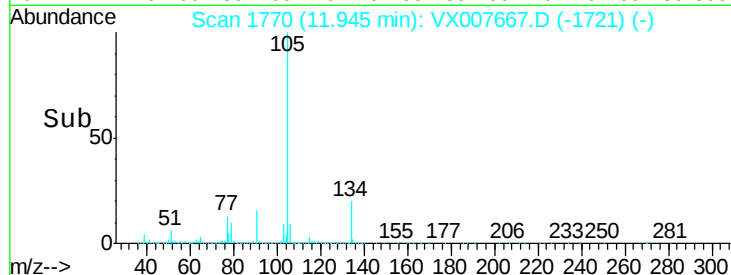
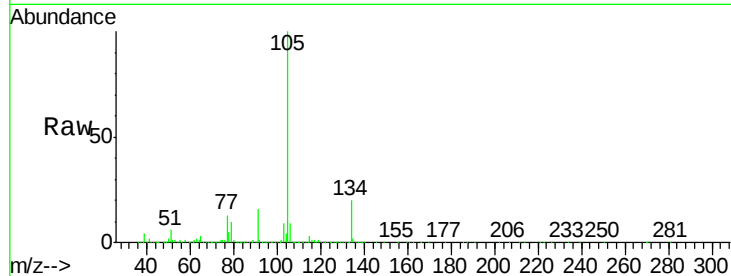
Ion Ratio Lower Upper

105 100

134 20.1 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 153.458 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

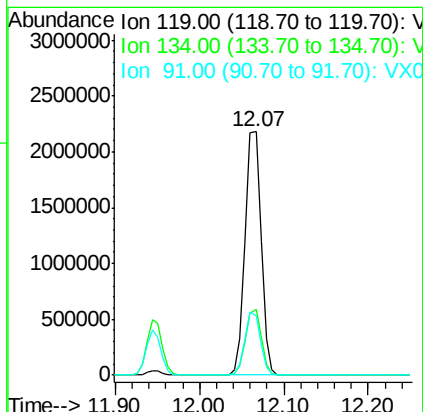
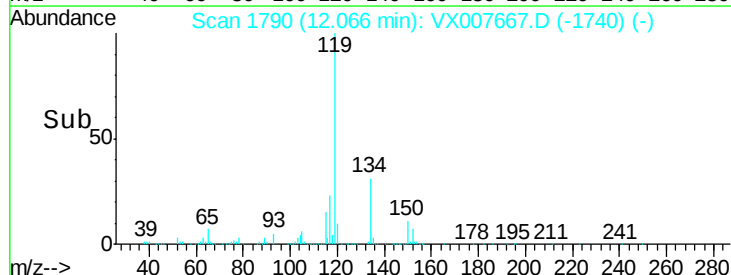
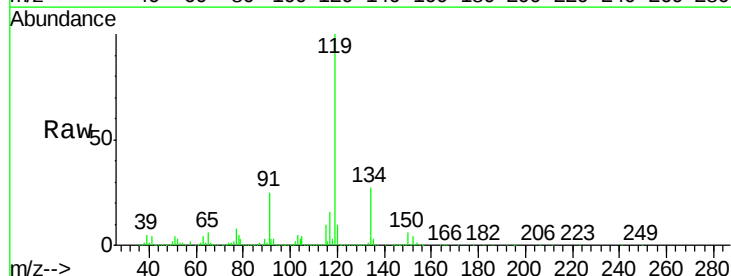
Tgt Ion:119 Resp: 2745159

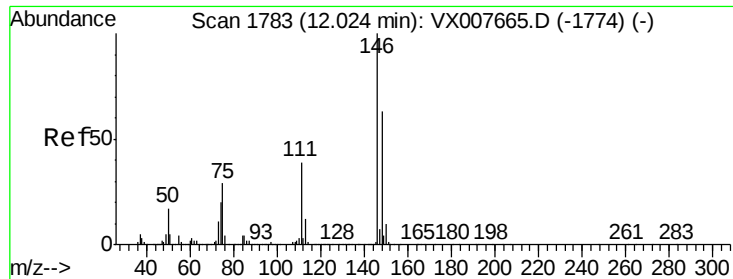
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

91 25.0 11.2 33.5





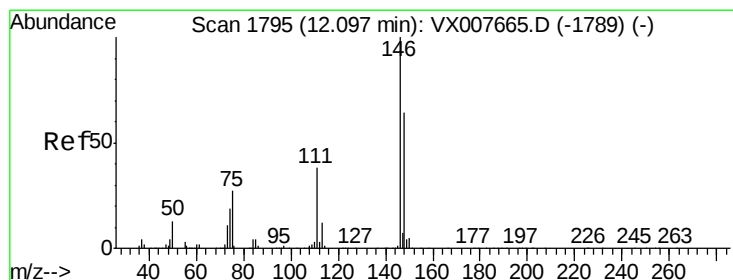
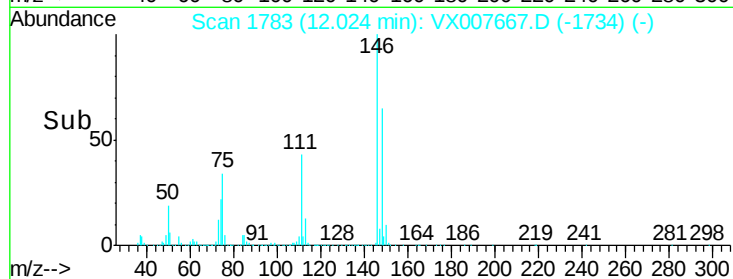
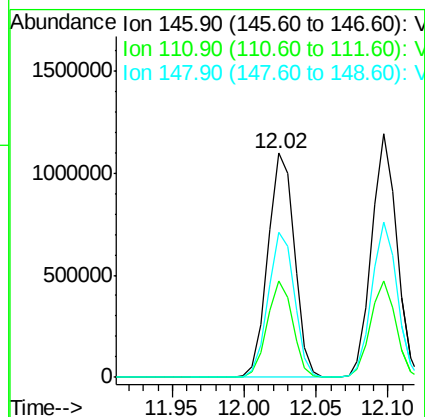
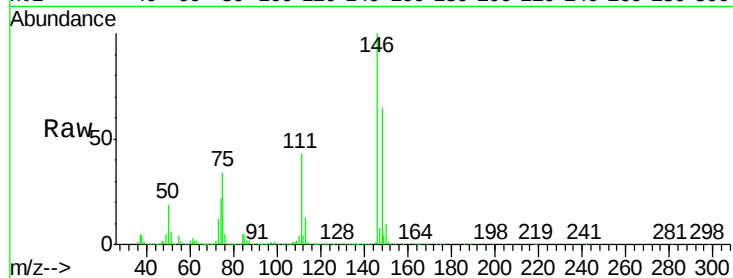
#87
 1,3-Dichlorobenzene
 Concen: 143.795 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007667.D
 Acq: 25 Feb 2019 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	18.1	54.1
148	64.2	32.0	96.2

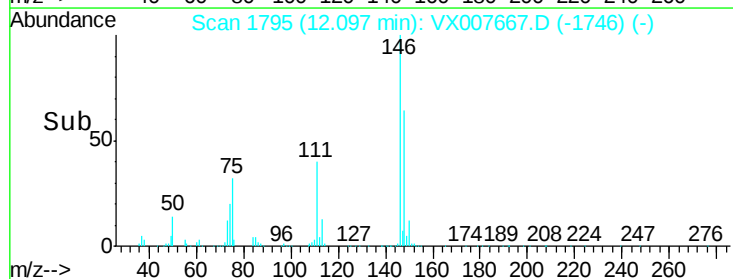
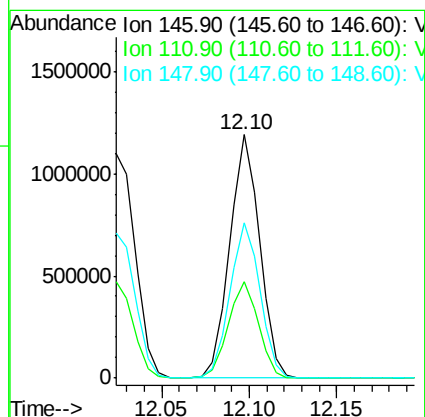
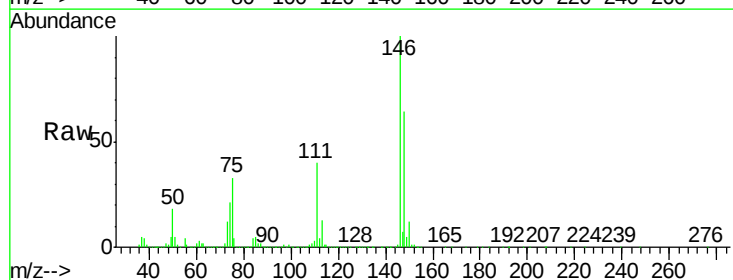
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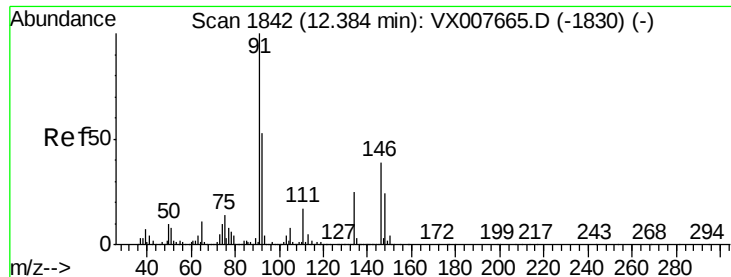
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#88
 1,4-Dichlorobenzene
 Concen: 142.856 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007667.D
 Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.1	54.1
148	64.0	32.3	96.9





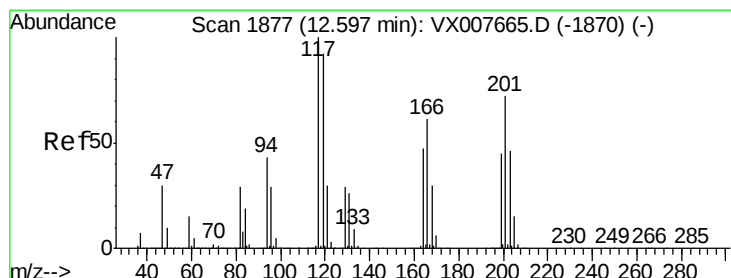
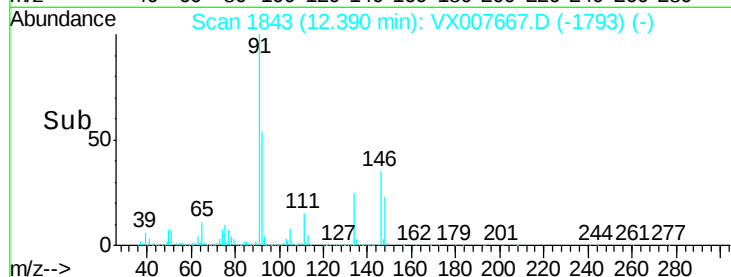
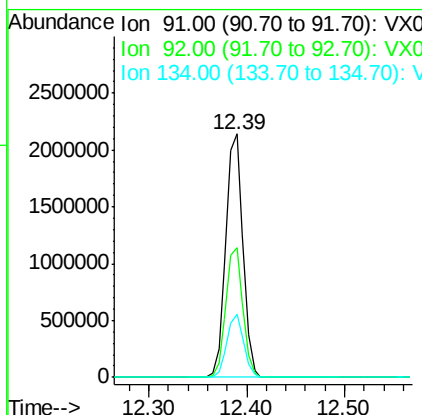
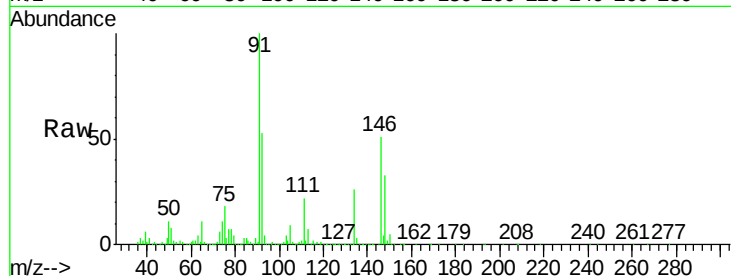
#89
n-Butylbenzene
Concen: 164.730 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2595649
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 25.4 13.9 41.6

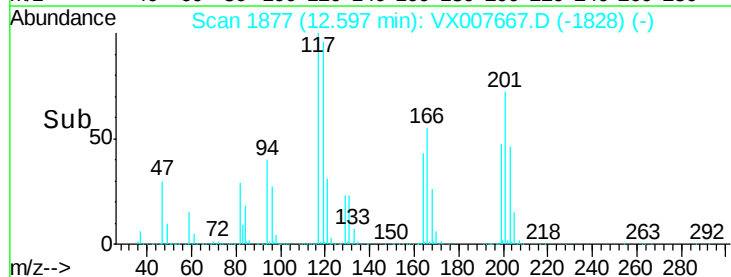
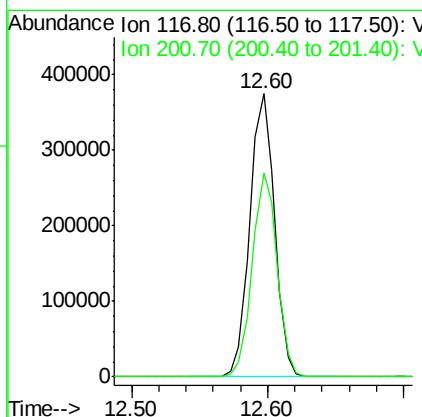
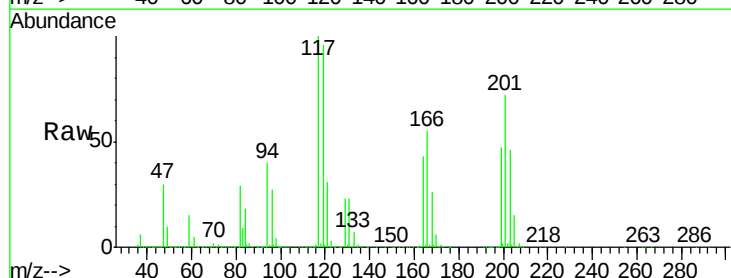
Manual Integrations
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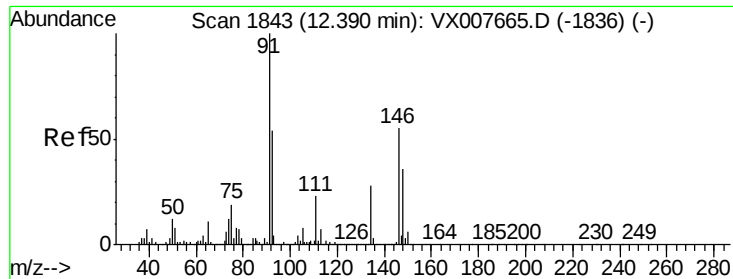
MMDadoda
2/26/2019 2:57:45 PM



#90
Hexachloroethane
Concen: 160.717 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion: 117 Resp: 480560
Ion Ratio Lower Upper
117 100
201 72.4 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 140.820 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:146 Resp: 1372200

Ion Ratio Lower Upper

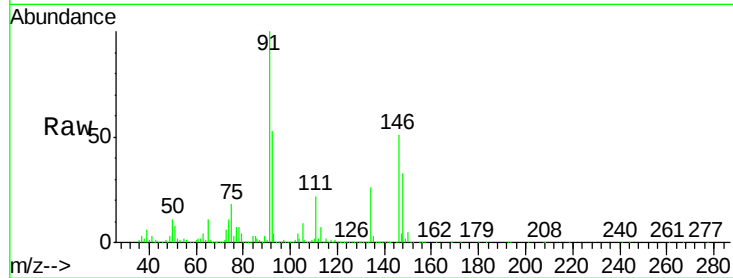
146 100

111 42.6 19.1 57.3

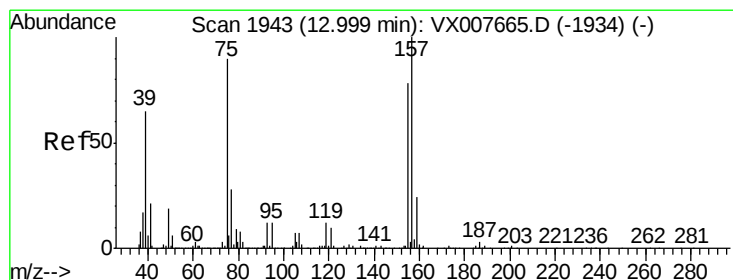
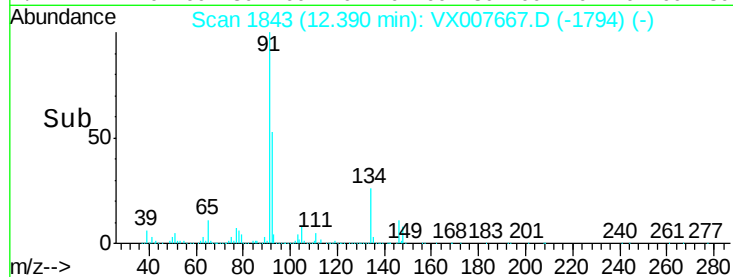
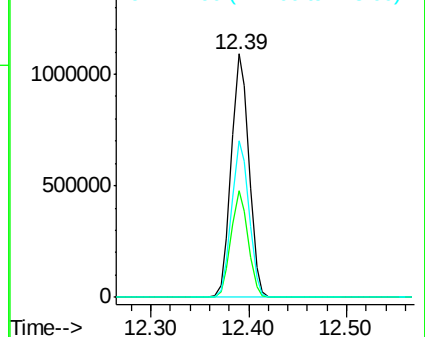
148 63.7 32.1 96.3

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 156.753 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

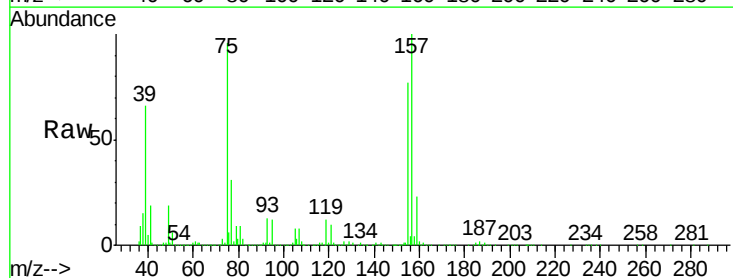
Tgt Ion: 75 Resp: 242931

Ion Ratio Lower Upper

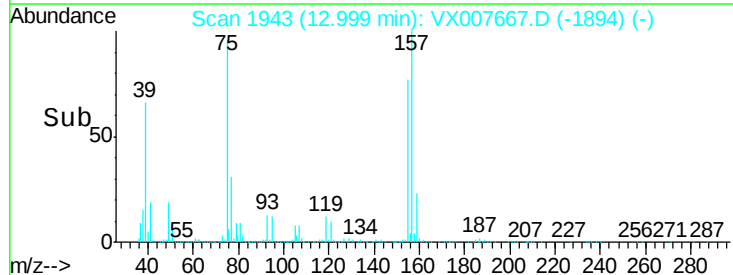
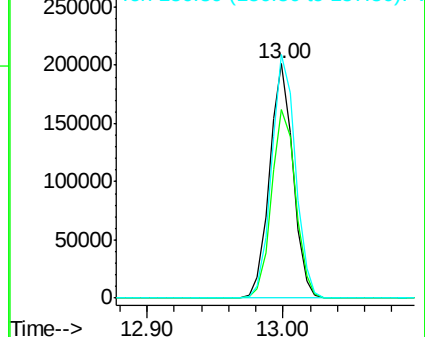
75 100

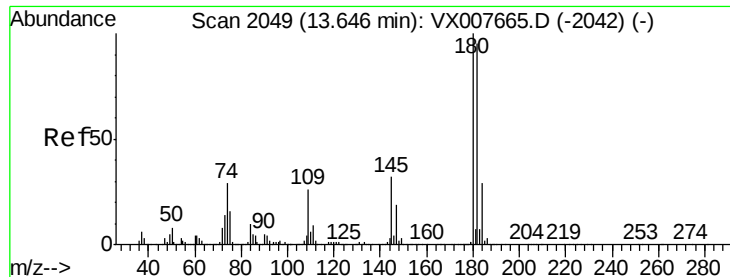
155 82.8 49.6 149.0

157 106.5 65.1 195.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





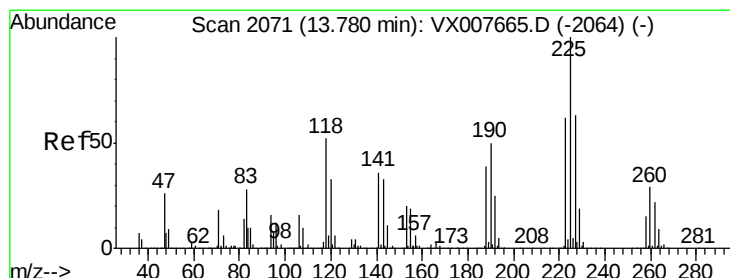
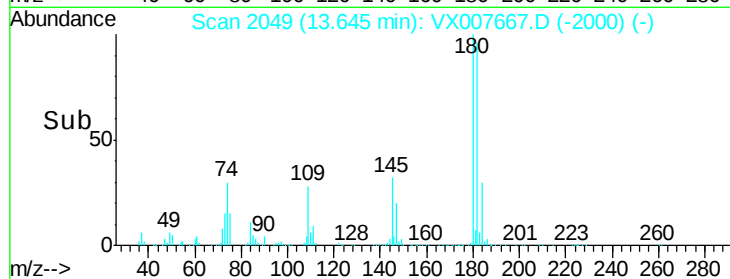
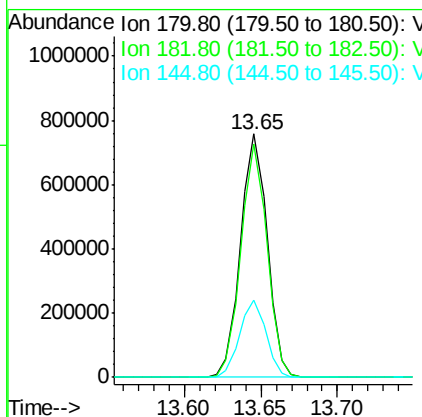
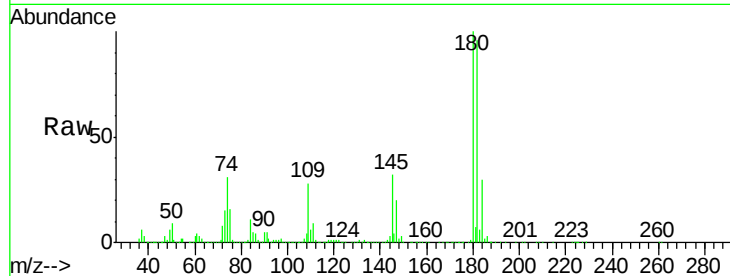
#93
1,2,4-Trichlorobenzene
Concen: 156.671 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	915597		
182	94.1	47.8	143.3	
145	31.5	14.1	42.2	

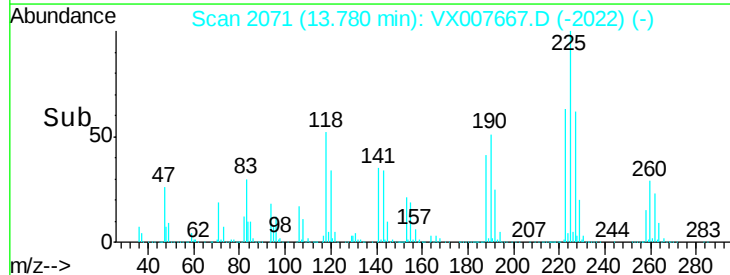
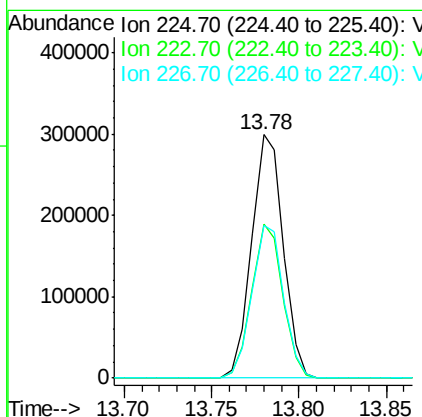
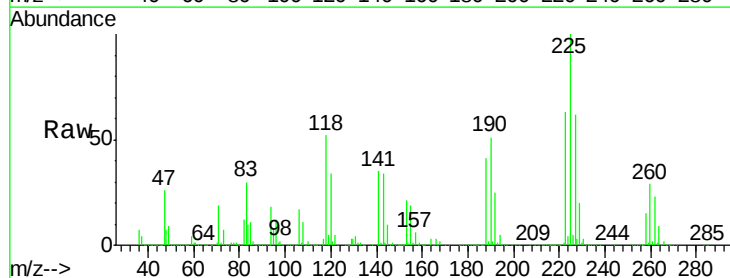
Manual Integrations
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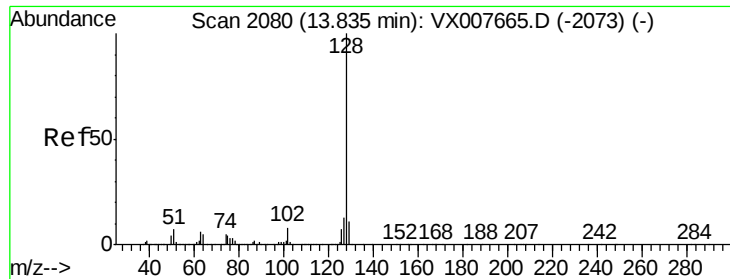
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#94
Hexachlorobutadiene
Concen: 137.418 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007667.D
Acq: 25 Feb 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	375354		
223	62.4	31.6	94.8	
227	62.7	32.1	96.3	





#95

Naphthalene

Concen: 161.679 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 3044398

Ion Ratio Lower Upper

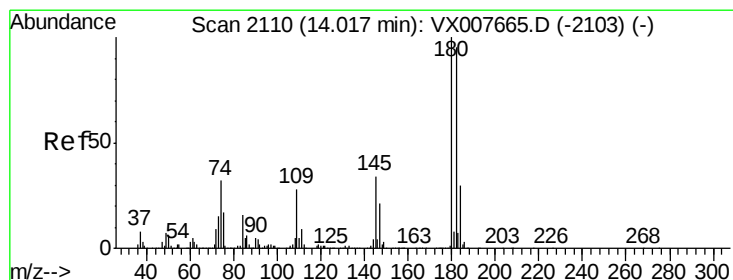
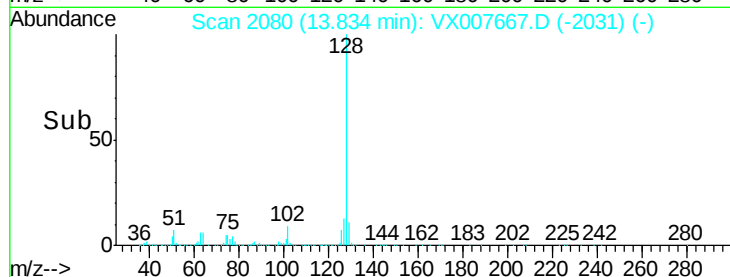
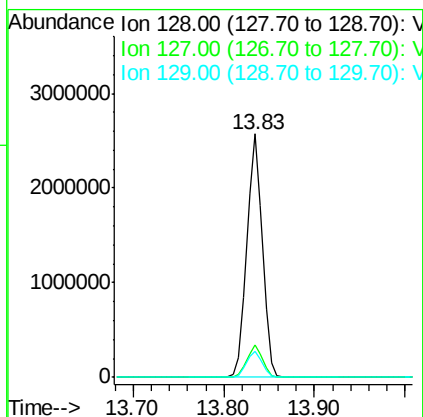
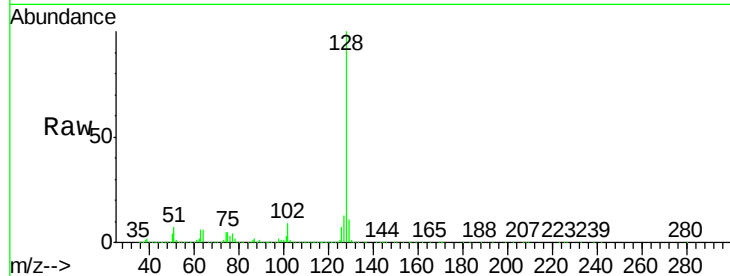
128 100

127 13.1 10.5 15.7

129 10.9 8.7 13.1

Manual Integrations
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2/26/2019 2:57:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 148.977 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007667.D

Acq: 25 Feb 2019 12:01

Tgt Ion:180 Resp: 881682

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.6

145 33.6 14.9 44.5

