

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007666.D
 Acq On : 25 Feb 2019 11:34
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 2:57:39 PM

Quant Time: Feb 25 11:59:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 11:48:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	345935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	554544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	510749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	282461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	422680	99.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.20%	
35) Dibromofluoromethane	5.50	113	363206	97.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.06%	
50) Toluene-d8	8.71	98	1407030	99.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.84%	
62) 4-Bromofluorobenzene	11.13	95	549063	112.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	225.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	317792	99.516	ug/l	96
3) Chloromethane	1.33	50	323702	89.518	ug/l	100
4) Vinyl Chloride	1.41	62	356110	97.274	ug/l	98
5) Bromomethane	1.64	94	227714	81.502	ug/l	97
6) Chloroethane	1.71	64	232162	98.150	ug/l	99
7) Trichlorofluoromethane	1.92	101	542927	96.697	ug/l	98
8) Diethyl Ether	2.19	74	218831	94.371	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	316148	91.451	ug/l	93
10) Methyl Iodide	2.51	142	441409	109.423	ug/l	97
11) Tert butyl alcohol	3.09	59	394816	489.491	ug/l	99
12) 1,1-Dichloroethene	2.37	96	301629	99.819	ug/l	96
13) Acrolein	2.30	56	354454	487.945	ug/l	100
14) Allyl chloride	2.73	41	559071	100.755	ug/l	98
15) Acrylonitrile	3.15	53	940800	490.039	ug/l	99
16) Acetone	2.45	43	888666	450.821	ug/l	99
17) Carbon Disulfide	2.57	76	862820	104.508	ug/l	100
18) Methyl Acetate	2.78	43	405529	96.737	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	1047621	99.791	ug/l	98
20) Methylene Chloride	2.85	84	326382	89.522	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	321106	96.717	ug/l	93
22) Diisopropyl ether	3.87	45	1206359	106.773	ug/l	99
23) Vinyl Acetate	3.83	43	5359446	545.198	ug/l	99
24) 1,1-Dichloroethane	3.70	63	621118	97.598	ug/l	99
25) 2-Butanone	4.70	43	1463008	506.905	ug/l	97
26) 2,2-Dichloropropane	4.59	77	507035	101.336	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	402790	94.712	ug/l	96
28) Bromochloromethane	5.02	49	303781	97.895	ug/l	87
29) Tetrahydrofuran	5.15	42	975880	520.018	ug/l	98
30) Chloroform	5.22	83	664664	97.977	ug/l	100
31) Cyclohexane	5.57	56	602119	101.995	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	571983	103.937	ug/l	97
36) 1,1-Dichloropropene	5.80	75	503954	102.031	ug/l	97
37) Ethyl Acetate	4.86	43	560272	102.766	ug/l	99
38) Carbon Tetrachloride	5.78	117	509811	103.202	ug/l	98

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 11:48:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	630929	100.169	ug/l	96
40) Benzene	6.14	78	1528325	99.213	ug/l	100
41) Methacrylonitrile	5.06	41	313925	110.026	ug/l	98
42) 1,2-Dichloroethane	6.20	62	523138	102.530	ug/l	99
43) Isopropyl Acetate	6.46	43	909073	111.134	ug/l	99
44) Trichloroethene	7.21	130	408904	95.099	ug/l	94
45) 1,2-Dichloropropane	7.52	63	390136	97.648	ug/l	98
46) Dibromomethane	7.66	93	268640	95.152	ug/l	89
47) Bromodichloromethane	7.90	83	510486	109.861	ug/l	99
48) Methyl methacrylate	7.77	41	462162	106.155	ug/l	97
49) 1,4-Dioxane	7.76	88	191894	1999.128	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	3007543	549.079	ug/l	100
52) Toluene	8.79	92	986741	103.238	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	601912	124.286	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	635587	114.749	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	399645	98.930	ug/l	98
56) Ethyl methacrylate	9.18	69	630616	116.918	ug/l	99
57) 1,3-Dichloropropane	9.37	76	655612	102.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1646568	532.746	ug/l	96
59) 2-Hexanone	9.50	43	2405275	565.663	ug/l	99
60) Dibromochloromethane	9.59	129	426217	116.553	ug/l	98
61) 1,2-Dibromoethane	9.67	107	428115	103.572	ug/l	99
64) Tetrachloroethene	9.34	164	394170	91.990	ug/l	97
65) Chlorobenzene	10.14	112	1065719	95.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	381500	99.105	ug/l	98
67) Ethyl Benzene	10.25	91	1872228	103.701	ug/l	99
68) m/p-Xylenes	10.36	106	1468839	209.889	ug/l	94
69) o-Xylene	10.70	106	720949	108.446	ug/l	95
70) Styrene	10.71	104	1215154	113.355	ug/l	97
71) Bromoform	10.86	173	320118	119.925	ug/l	99
73) Isopropylbenzene	11.02	105	1959561	95.667	ug/l	100
74) N-amyl acetate	10.90	43	926131	110.024	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	652485	91.165	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	637360m	109.073	ug/l	
77) Bromobenzene	11.26	156	476174	91.707	ug/l	84
78) n-propylbenzene	11.36	91	2293745	100.830	ug/l	97
79) 2-Chlorotoluene	11.42	91	1346346	97.314	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	1653022	99.301	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	226272	123.987	ug/l	93
82) 4-Chlorotoluene	11.51	91	1631049	102.350	ug/l	96
83) tert-Butylbenzene	11.77	119	1590891	100.009	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1703851	100.522	ug/l	97
85) sec-Butylbenzene	11.94	105	1998284	100.243	ug/l	97
86) p-Isopropyltoluene	12.07	119	1762331	101.390	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	894799	93.354	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	916731	93.274	ug/l	97
89) n-Butylbenzene	12.39	91	1649247	109.453	ug/l	98
90) Hexachloroethane	12.60	117	301449	104.373	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	882758	91.371	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	149557	98.806	ug/l	83

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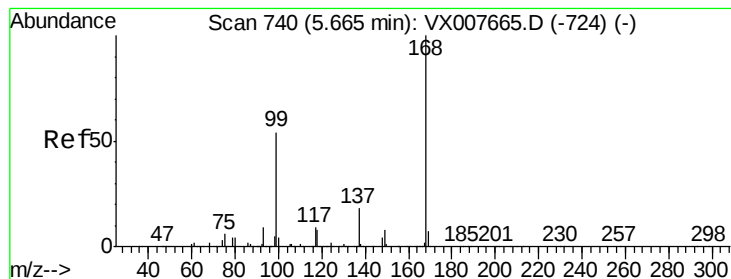
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 25 11:48:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	563017	98.597	ug/l	98
94) Hexachlorobutadiene	13.78	225	241081	88.499	ug/l	99
95) Naphthalene	13.83	128	1917124	105.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	554278	95.197	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: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 345935

Ion Ratio Lower Upper

168 100

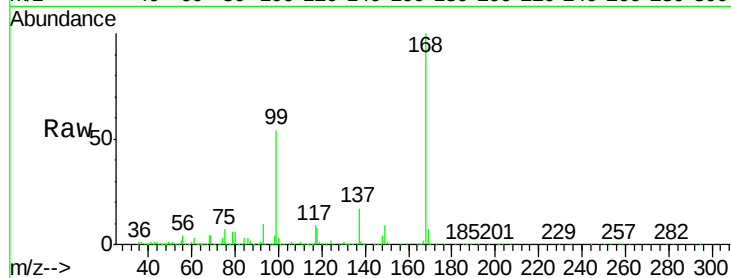
99 53.9 37.9 56.9

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

5.67

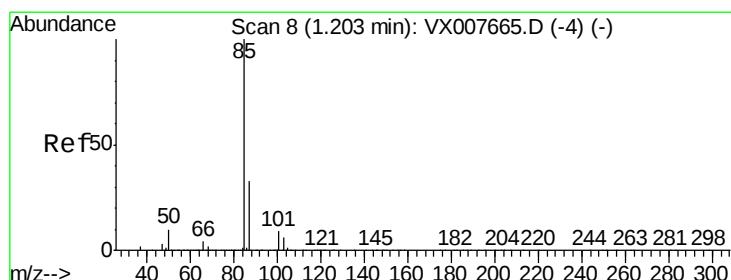
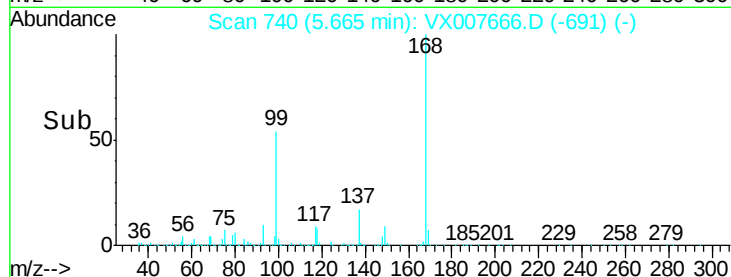
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 99.516 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007666.D

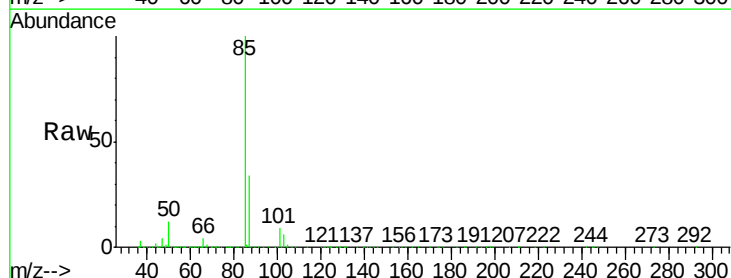
Acq: 25 Feb 2019 11:34

Tgt Ion: 85 Resp: 317792

Ion Ratio Lower Upper

85 100

87 33.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

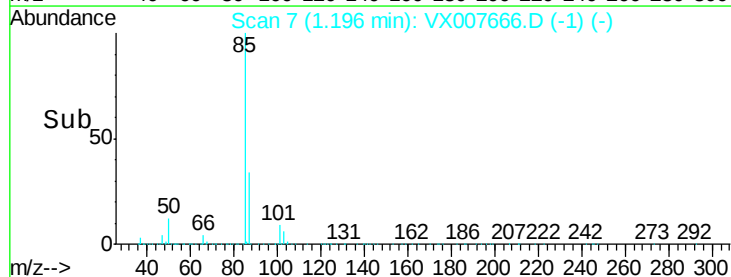
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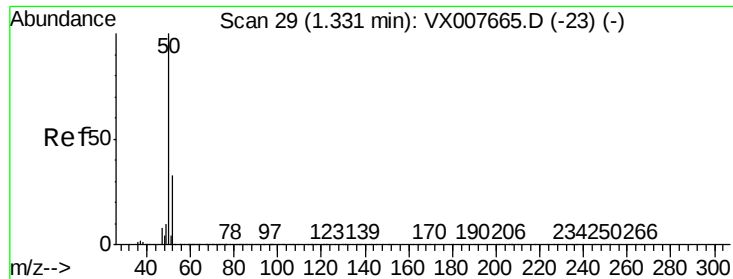
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Time-->

1.15 1.20 1.25 1.30





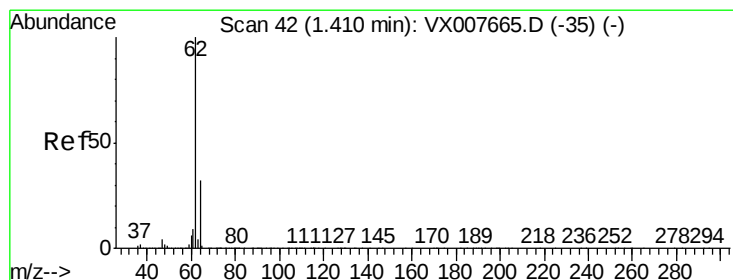
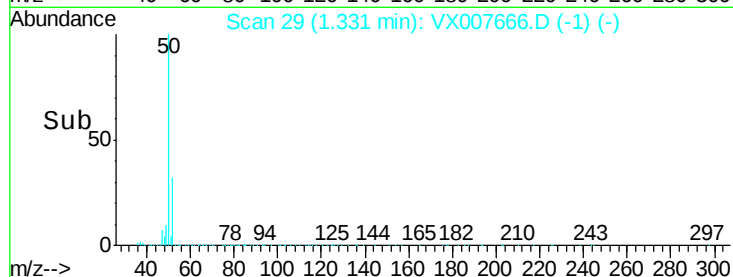
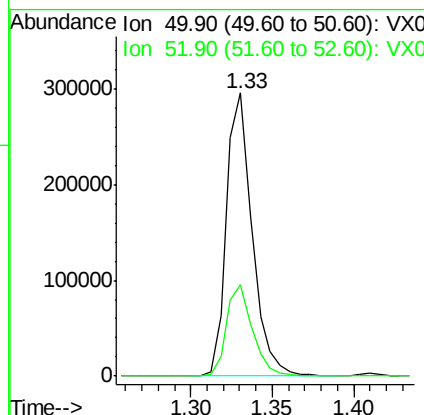
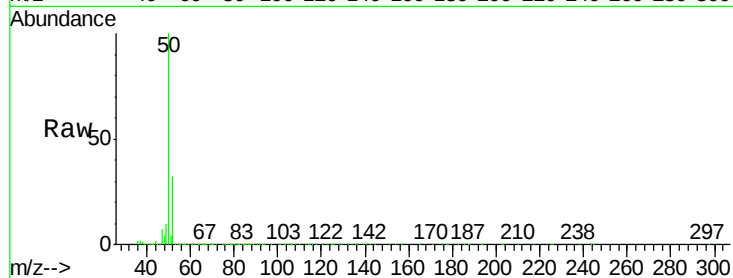
#3
Chloromethane
Concen: 89.518 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 50 Resp: 323702
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1

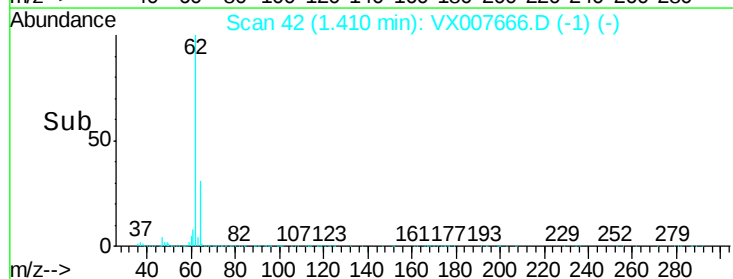
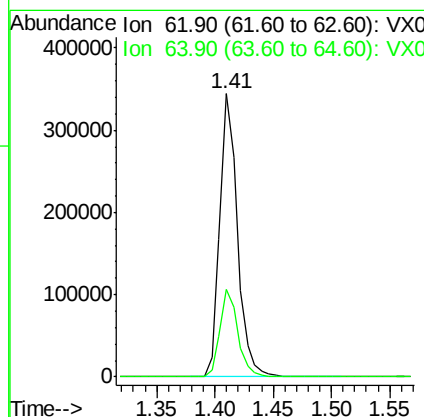
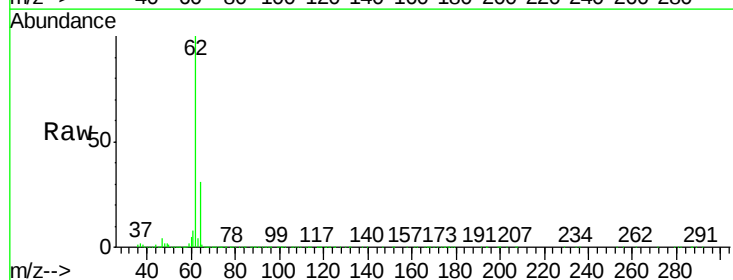
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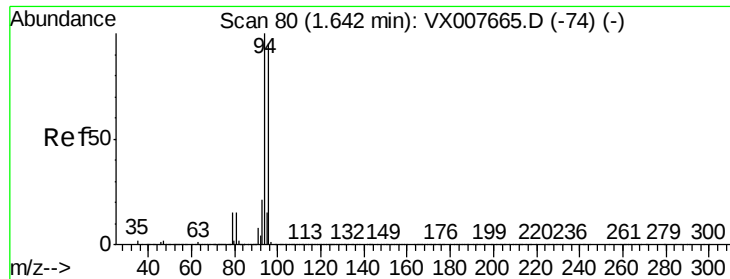
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#4
Vinyl Chloride
Concen: 97.274 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion: 62 Resp: 356110
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





#5

Bromomethane

Concen: 81.502 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 227714

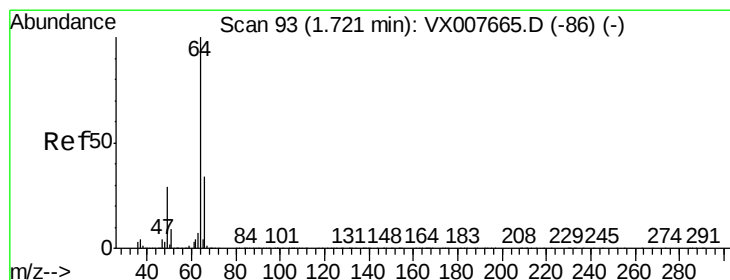
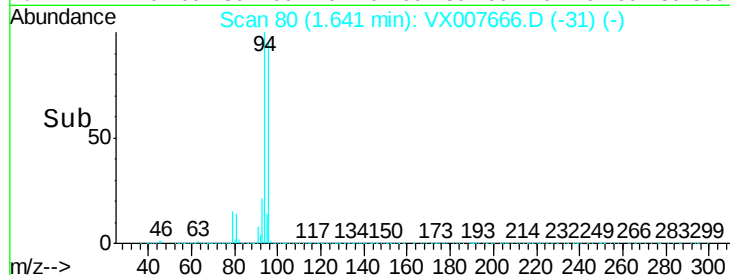
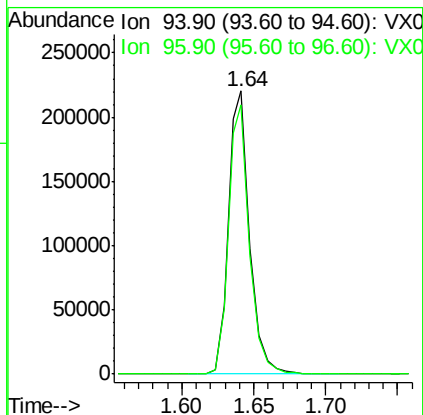
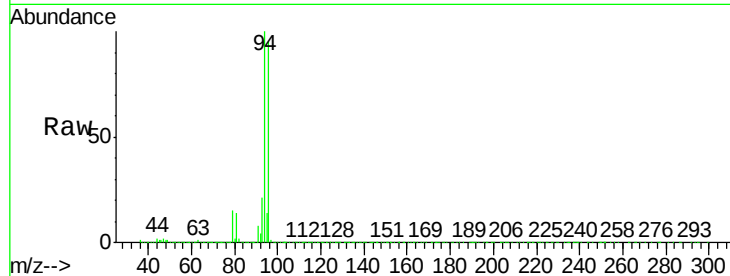
Ion Ratio Lower Upper

94 100

96 95.0 73.9 110.9

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#6

Chloroethane

Concen: 98.150 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007666.D

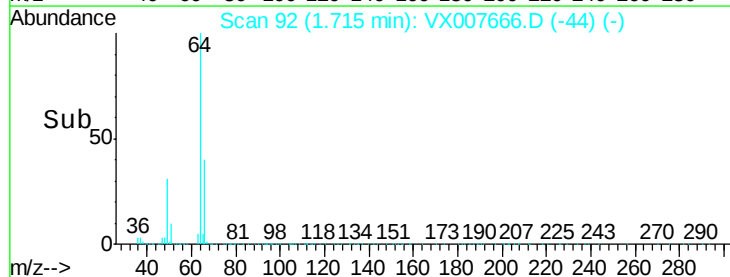
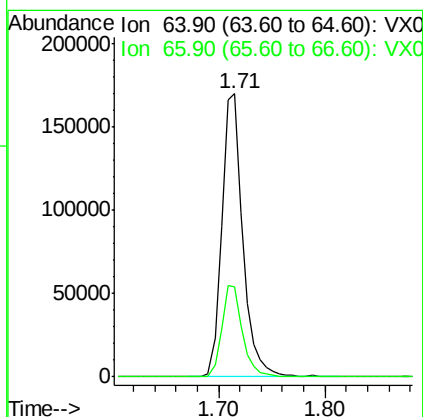
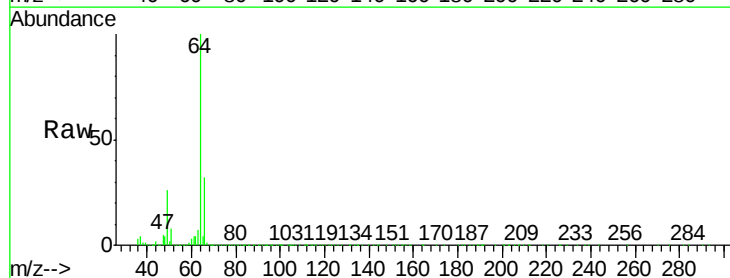
Acq: 25 Feb 2019 11:34

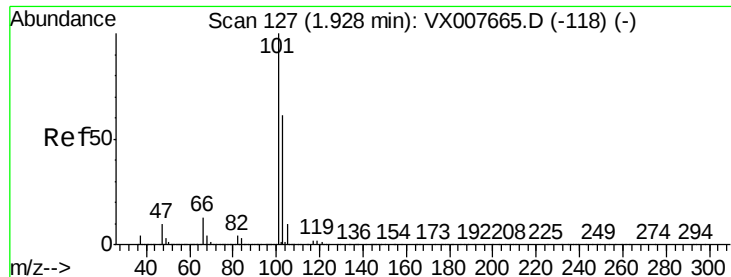
Tgt Ion: 64 Resp: 232162

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3





#7

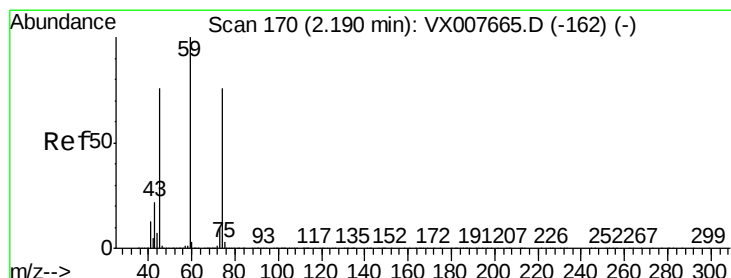
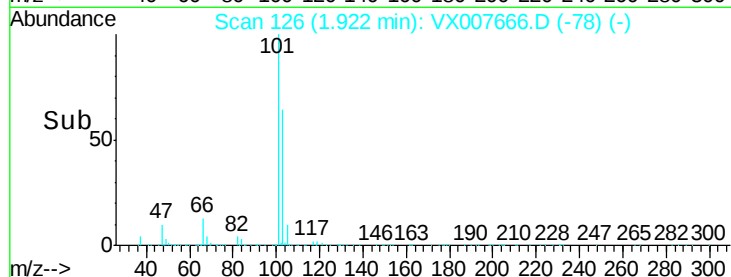
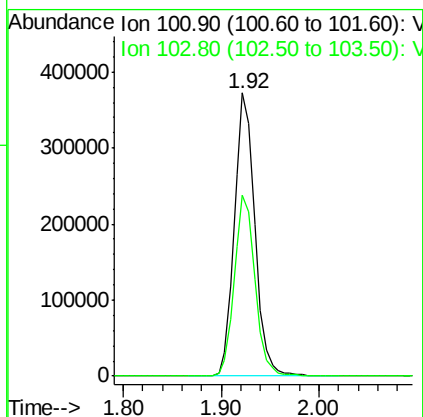
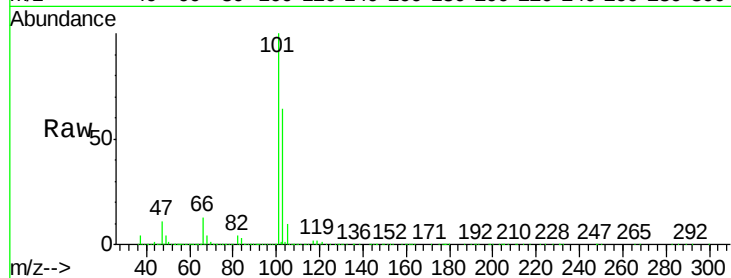
Trichlorofluoromethane
Concen: 96.697 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.6	79.0

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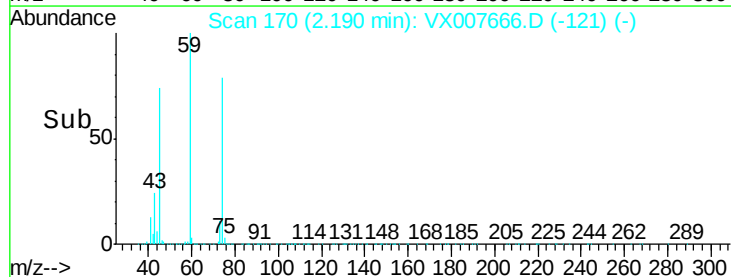
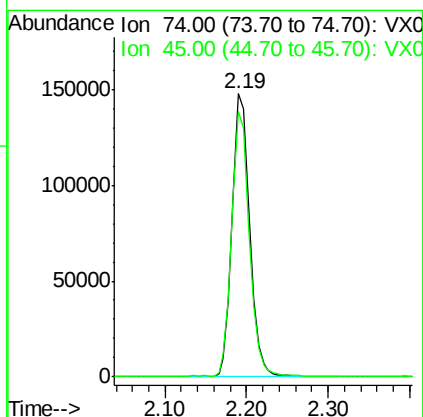
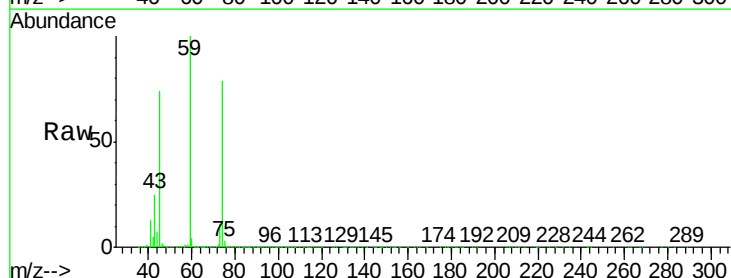
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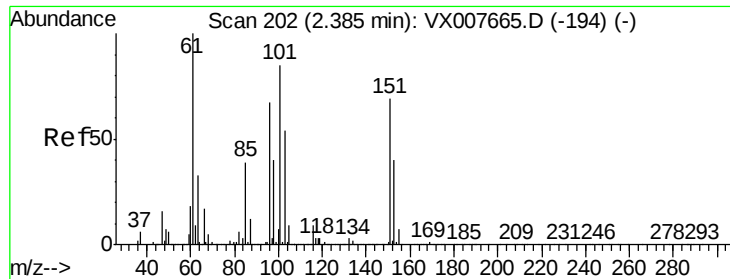


#8

Diethyl Ether
Concen: 94.371 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.451 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

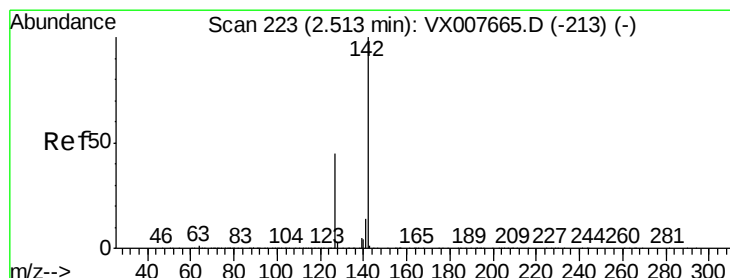
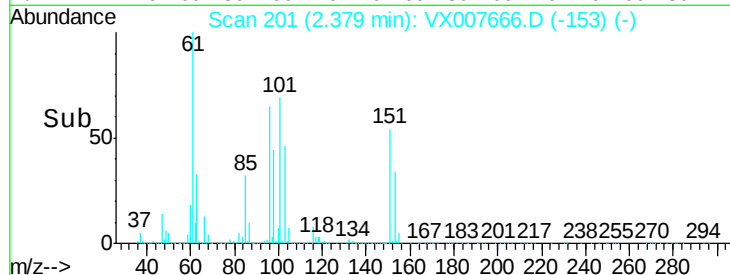
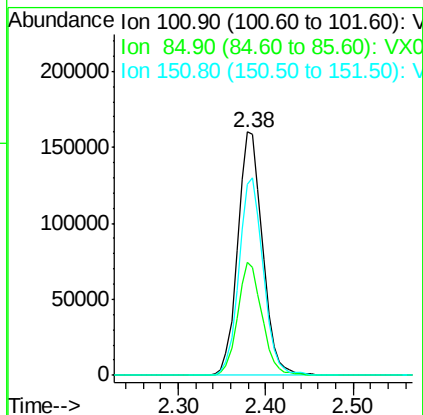
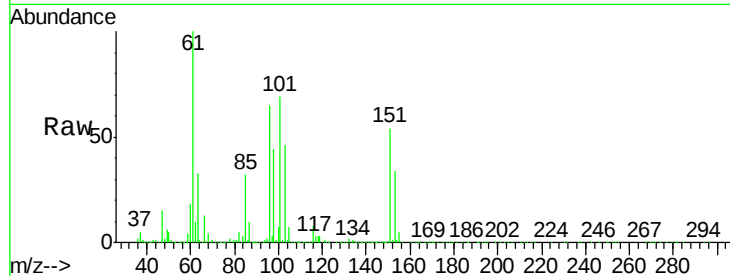
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	316148
Ion Ratio	Lower	Upper	
101	100		
85	45.8	34.1	51.1
151	79.7	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 109.423 ug/l

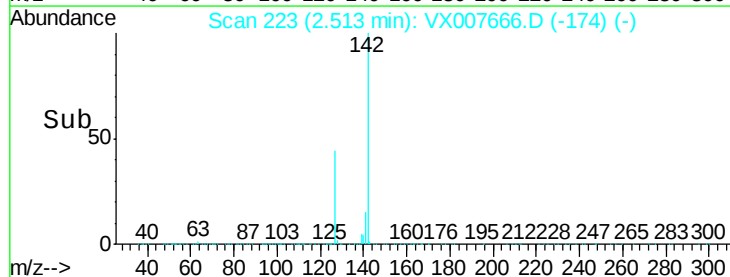
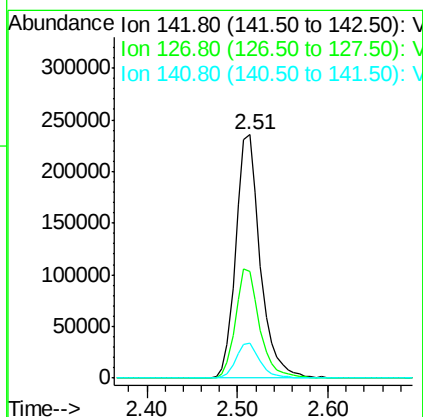
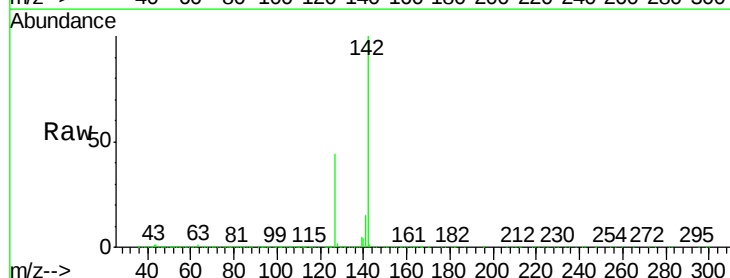
RT: 2.51 min Scan# 223

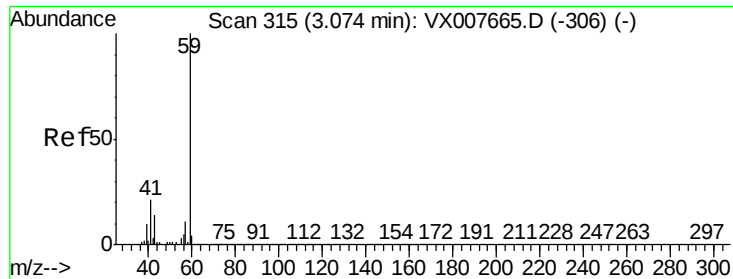
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	142	Resp:	441409
Ion Ratio	Lower	Upper	
142	100		
127	44.3	33.7	50.5
141	14.4	11.3	16.9





#11

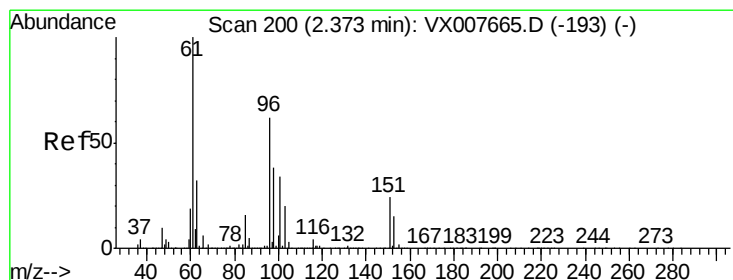
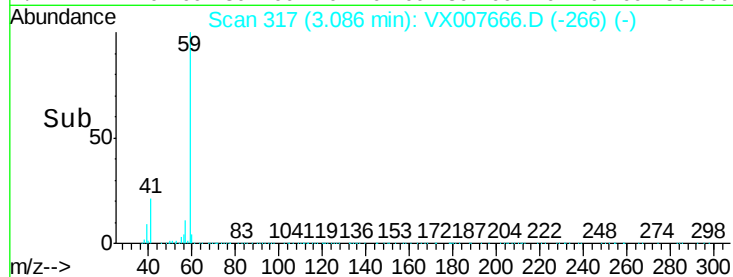
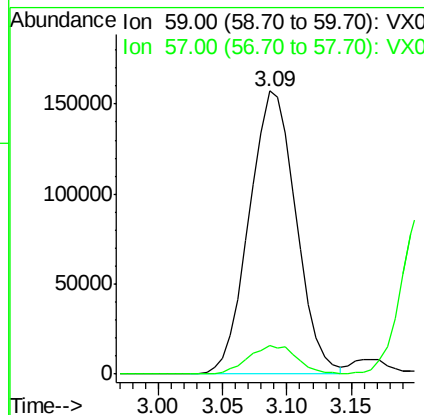
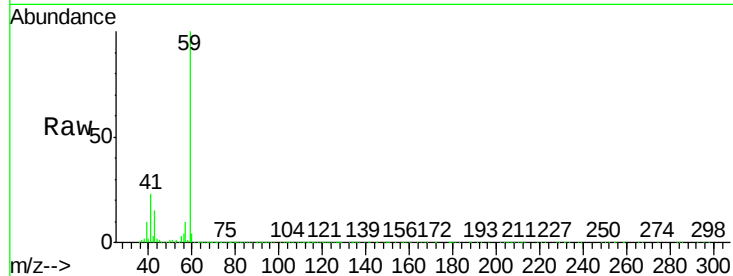
Tert butyl alcohol
Concen: 489.491 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

Manual Integrations
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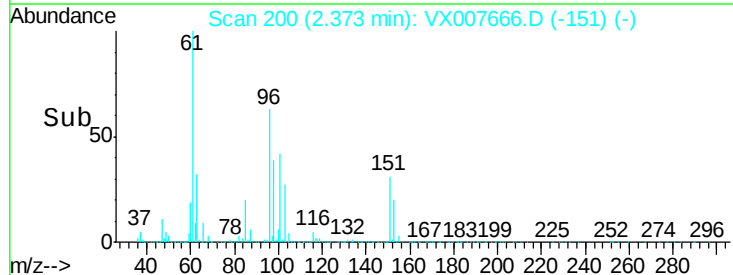
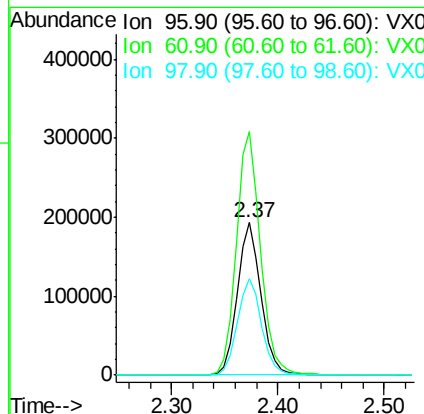
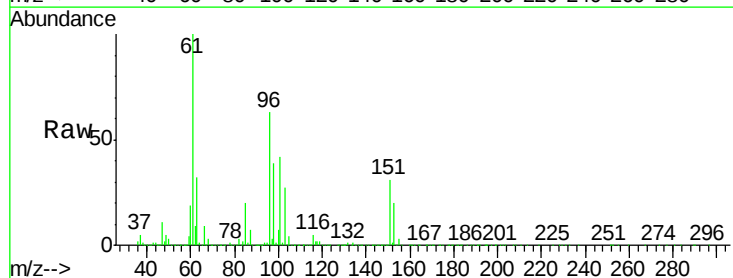
MMDadoda
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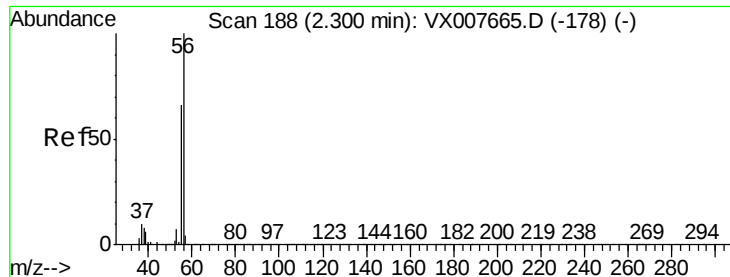


#12

1,1-Dichloroethene
Concen: 99.819 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	123.0	184.4
98	62.9	50.9	76.3





#13

Acrolein

Concen: 487.945 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 354454

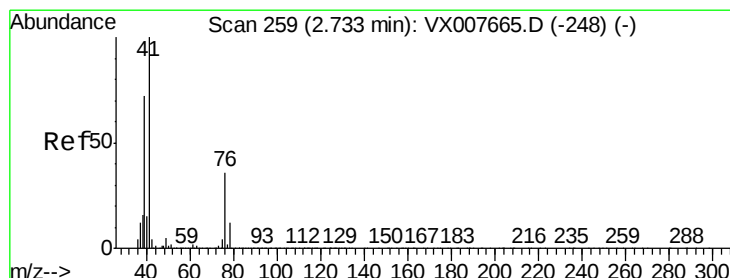
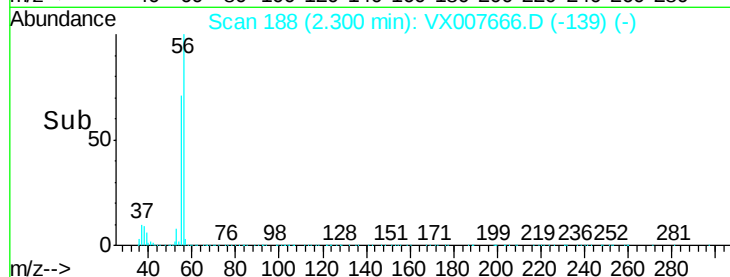
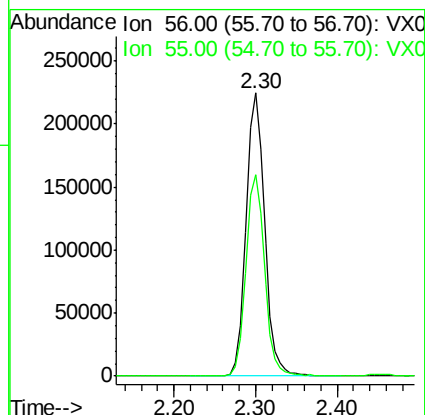
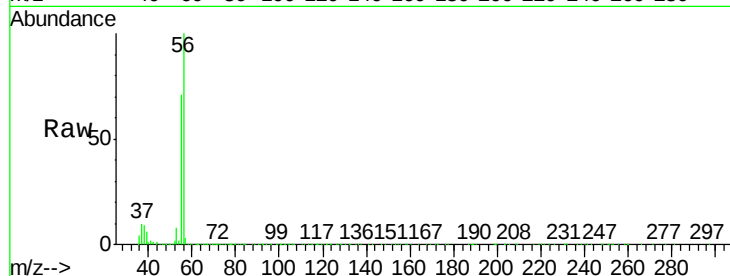
Ion Ratio Lower Upper

56 100

55 71.2 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 100.755 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

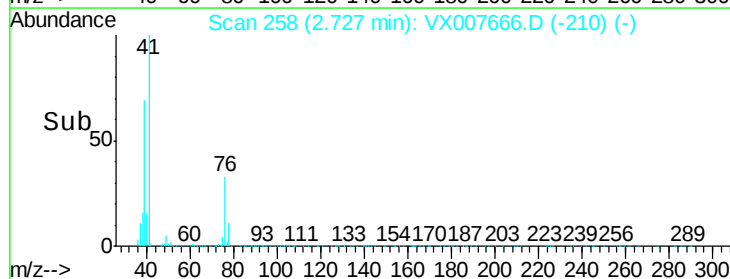
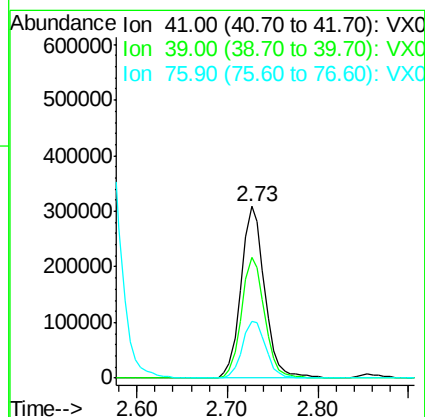
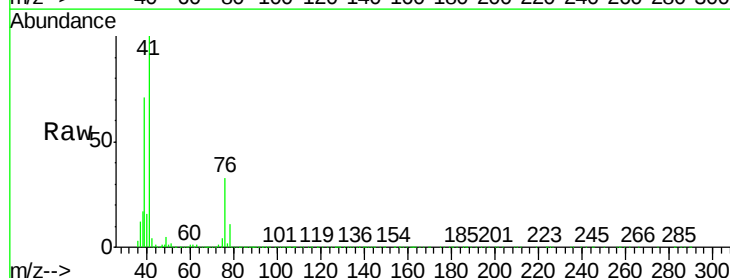
Tgt Ion: 41 Resp: 559071

Ion Ratio Lower Upper

41 100

39 68.7 54.1 81.1

76 33.1 27.8 41.8





#15

Acrylonitrile

Concen: 490.039 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

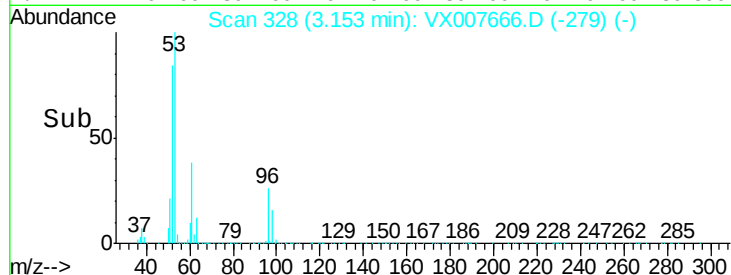
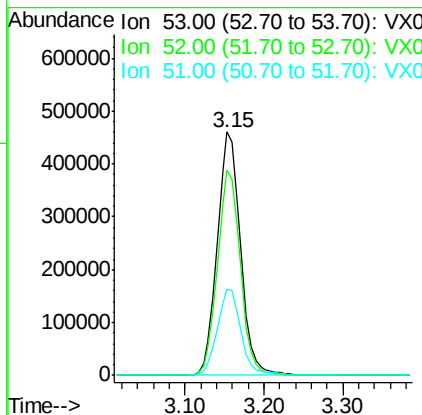
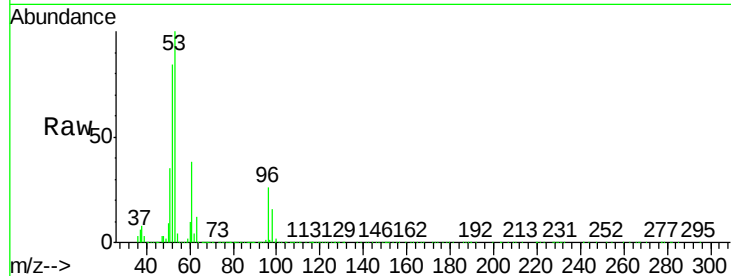
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	940800
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.4	99.6
51	36.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 450.821 ug/l

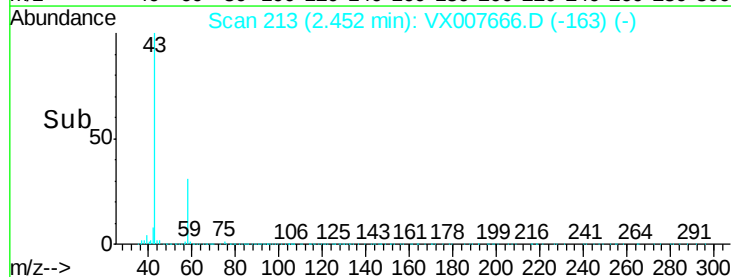
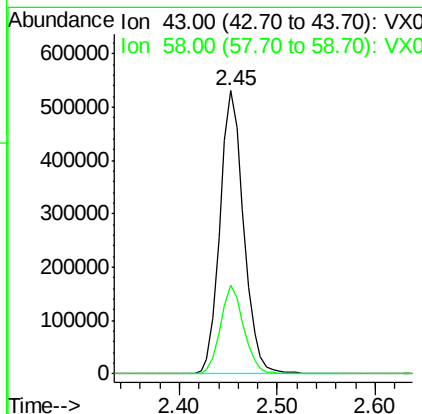
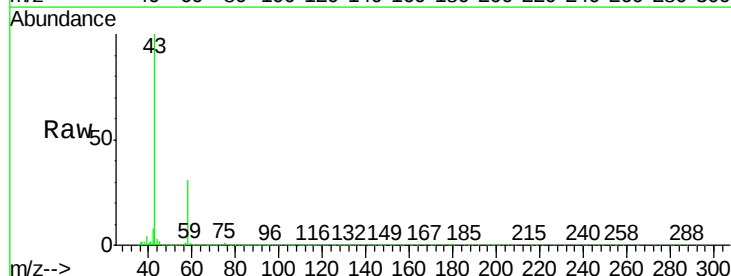
RT: 2.45 min Scan# 213

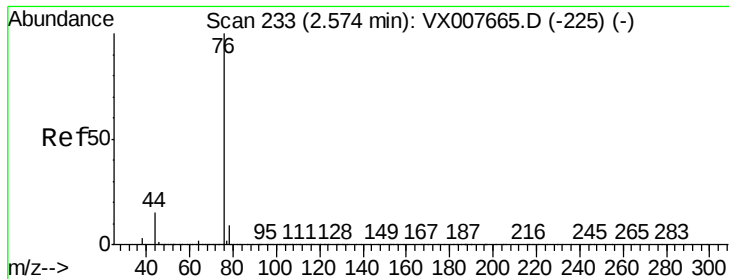
Delta R.T. 0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	43	Resp:	888666
Ion Ratio		Lower	Upper
43	100		
58	31.5	24.9	37.3





#17

Carbon Disulfide

Concen: 104.508 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 862820

Ion Ratio Lower Upper

76 100

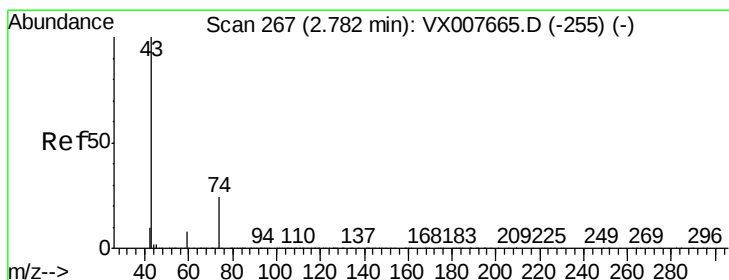
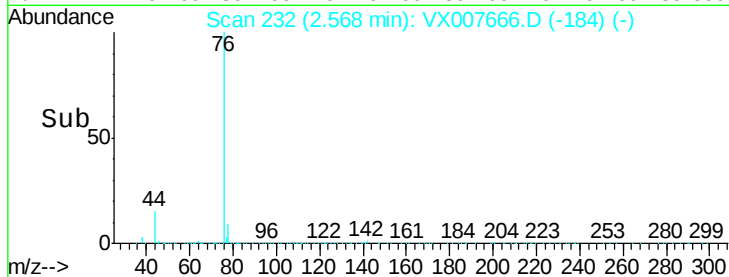
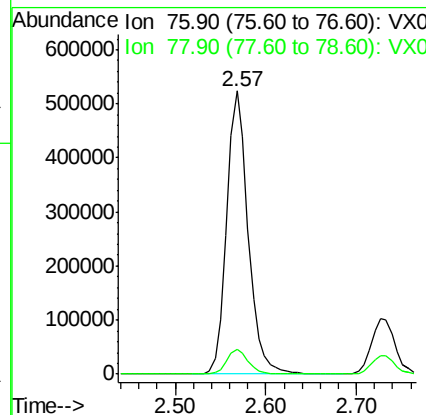
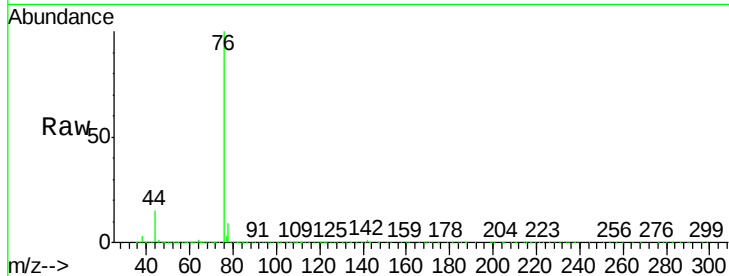
78 8.7 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 96.737 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007666.D

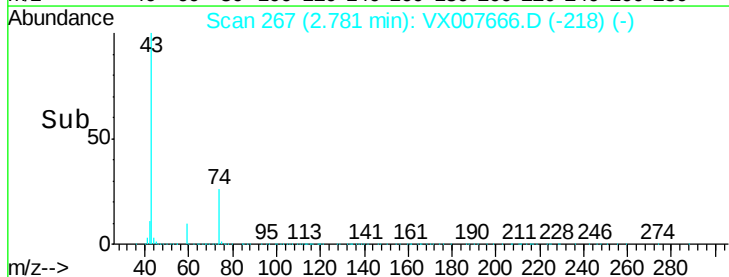
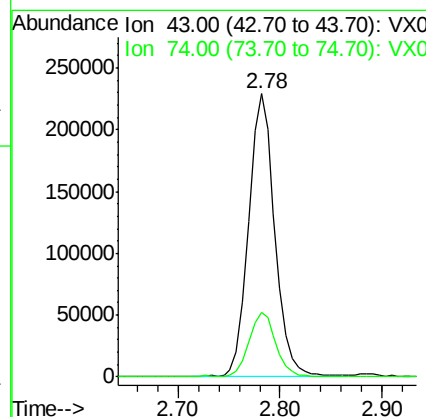
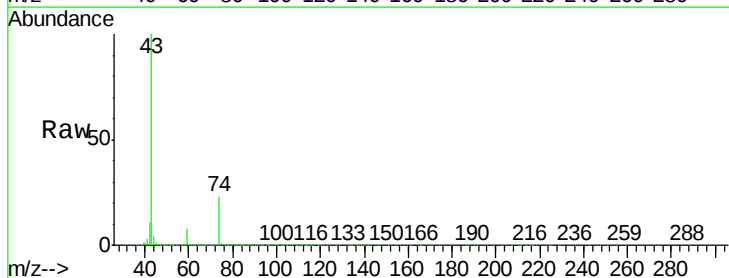
Acq: 25 Feb 2019 11:34

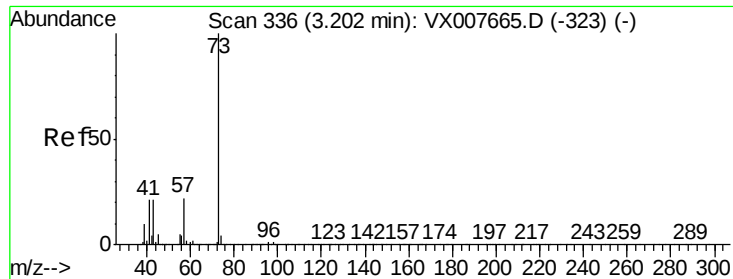
Tgt Ion: 43 Resp: 405529

Ion Ratio Lower Upper

43 100

74 23.0 19.4 29.2





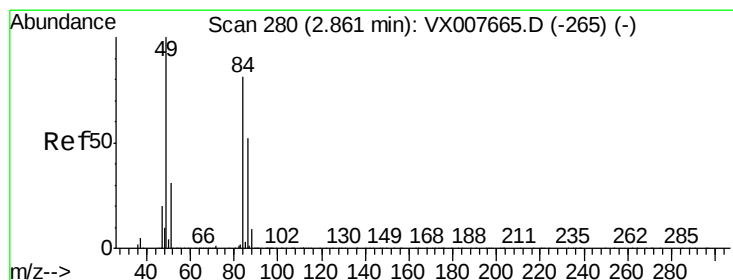
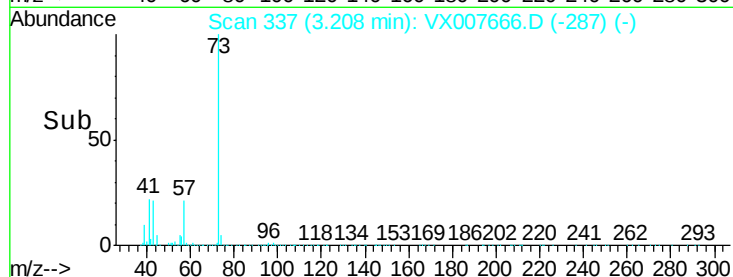
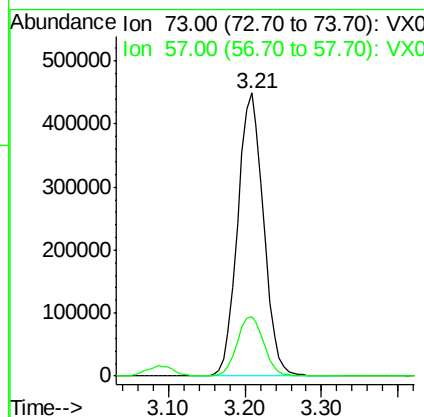
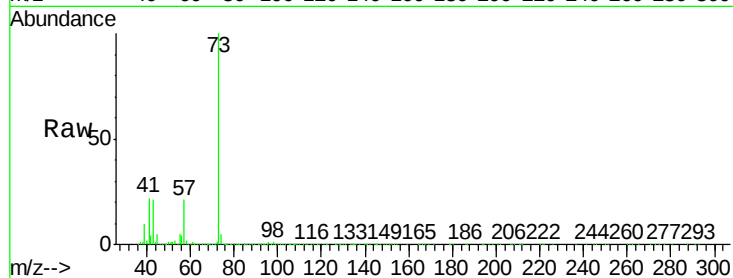
#19
Methvl tert-butvl Ether
Concen: 99.791 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 73 Resp: 1047621
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8

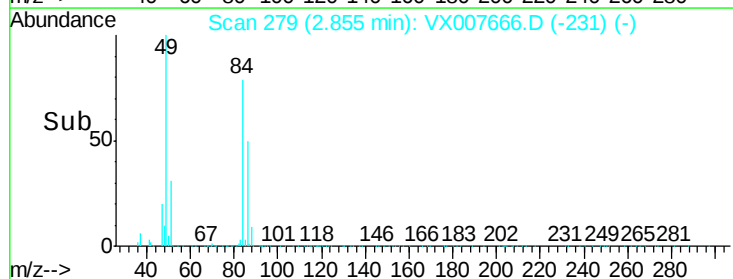
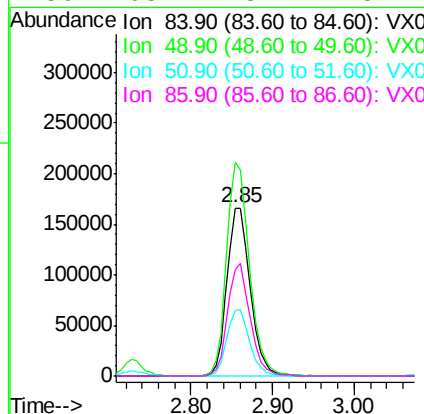
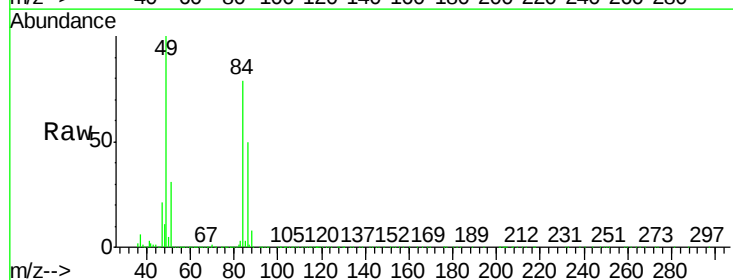
Manual Integrations
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#20
Methylene Chloride
Concen: 89.522 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion: 84 Resp: 326382
Ion Ratio Lower Upper
84 100
49 127.0 94.8 142.2
51 38.8 29.8 44.8
86 63.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 96.717 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

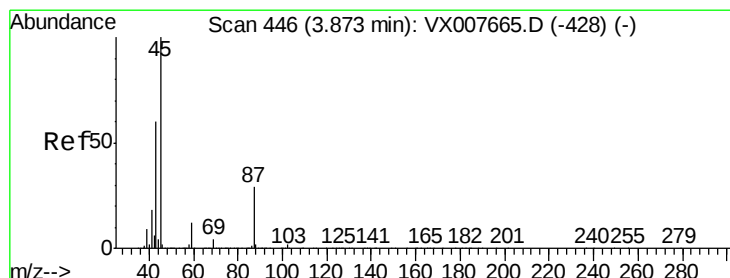
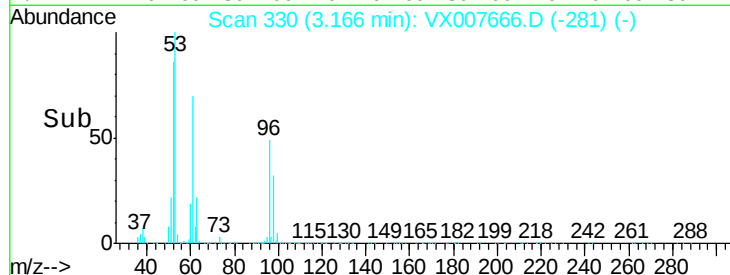
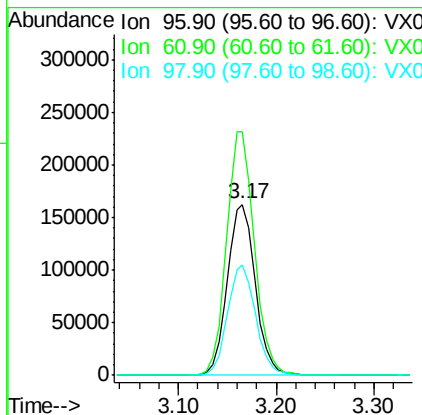
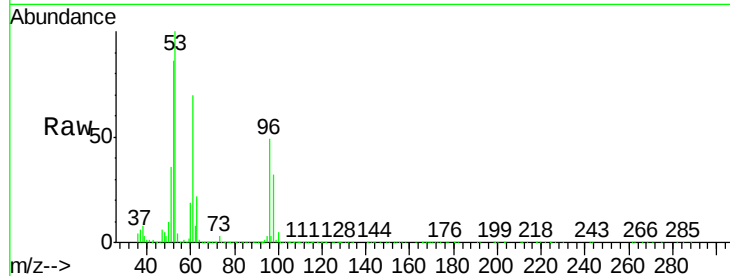
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	321106
Ion Ratio	Lower	Upper	
96	100		
61	142.3	104.6	156.8
98	64.8	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 106.773 ug/l

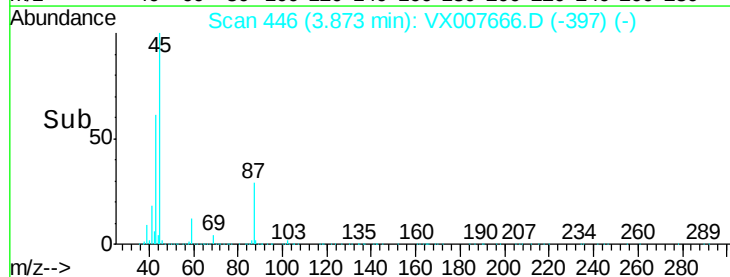
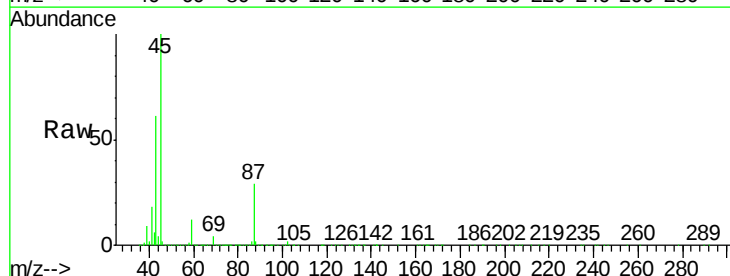
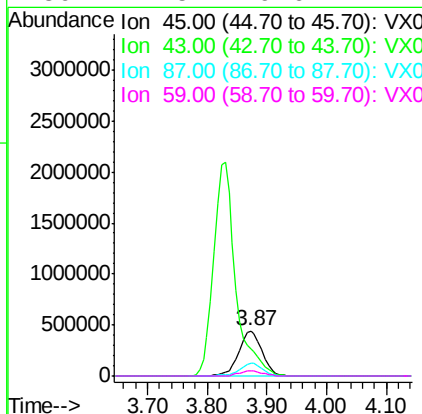
RT: 3.87 min Scan# 446

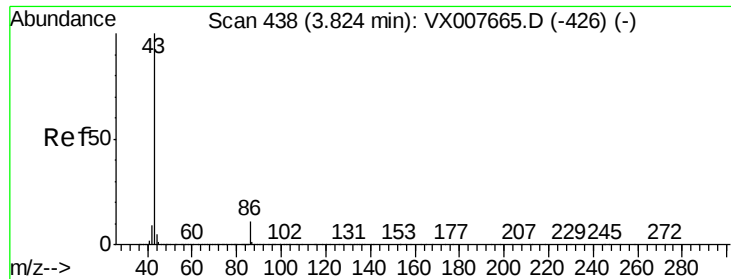
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	45	Resp:	1206359
Ion Ratio	Lower	Upper	
45	100		
43	60.5	48.9	73.3
87	28.7	23.9	35.9
59	11.5	9.6	14.4





#23

Vinyl Acetate

Concen: 545.198 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 5359446

Ion Ratio Lower Upper

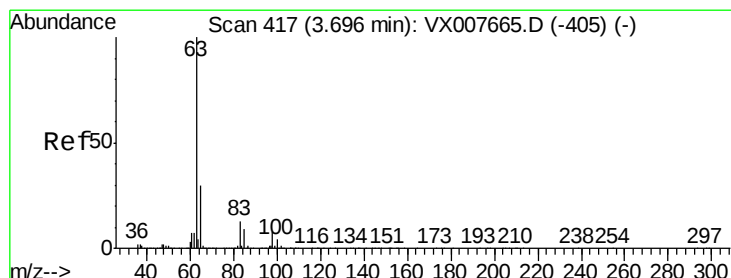
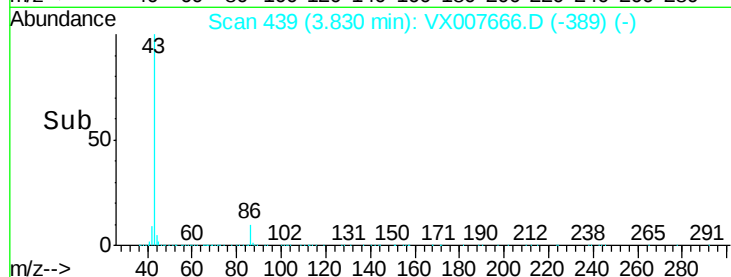
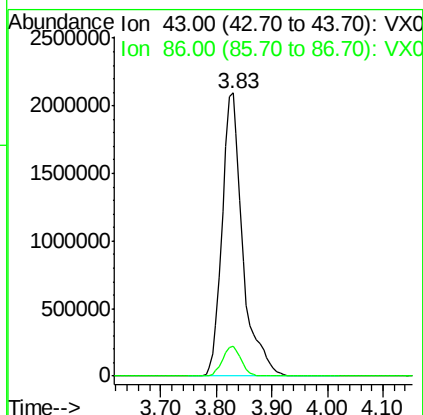
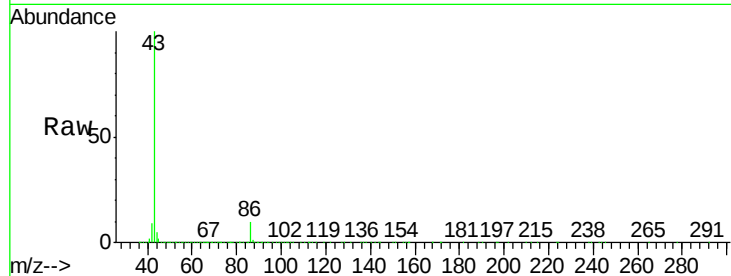
43 100

86 10.4 8.7 13.1

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 97.598 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

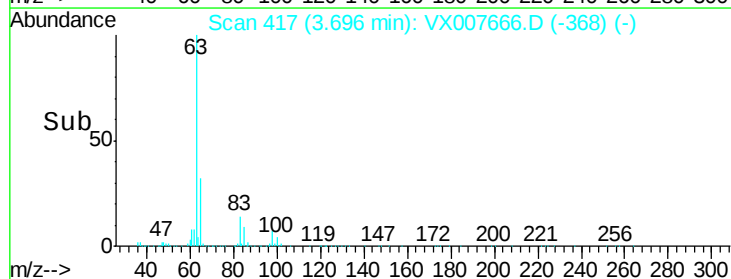
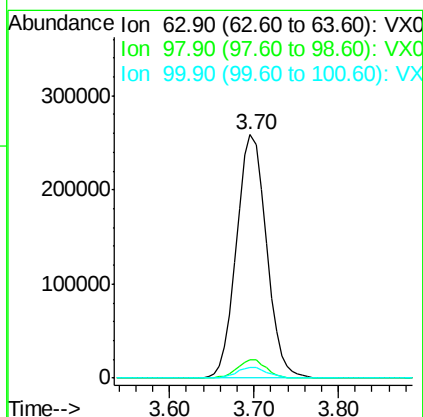
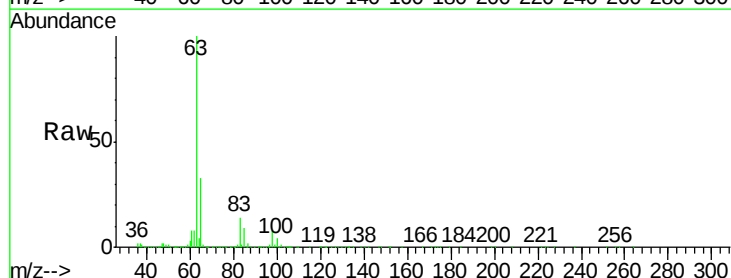
Tgt Ion: 63 Resp: 621118

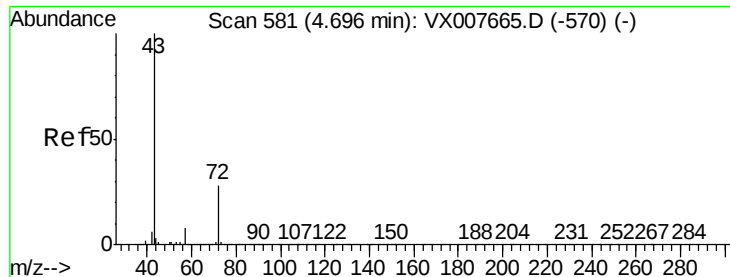
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 506.905 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1463008

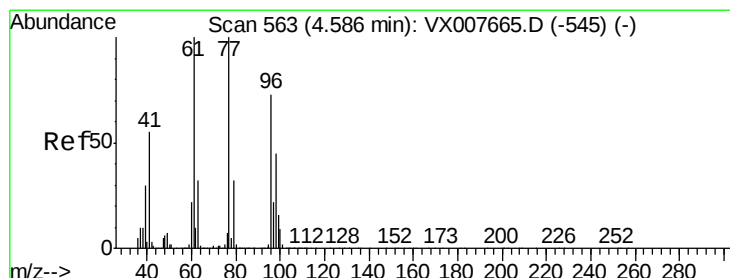
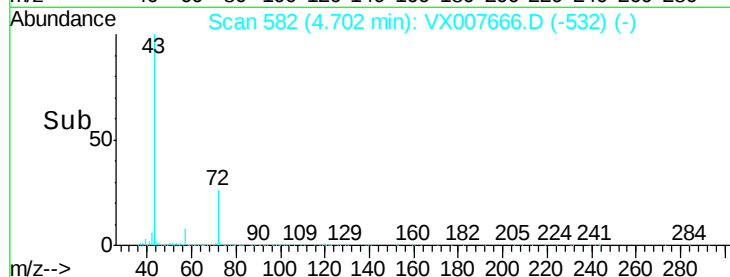
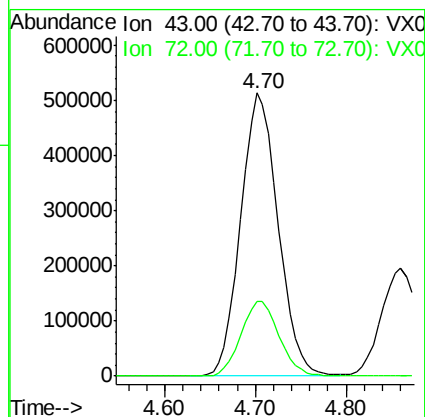
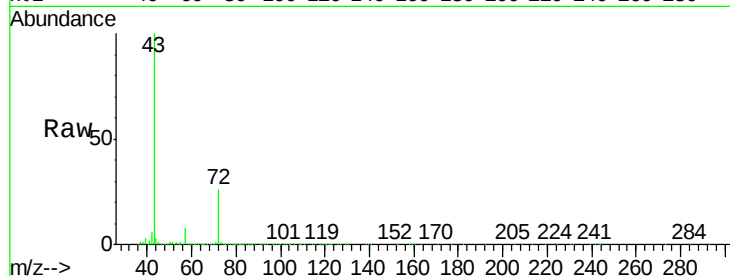
Ion Ratio Lower Upper

43 100

72 26.1 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 101.336 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007666.D

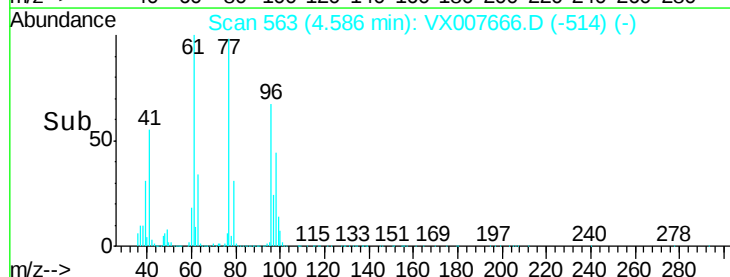
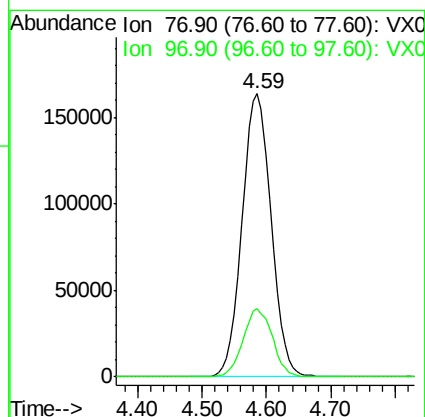
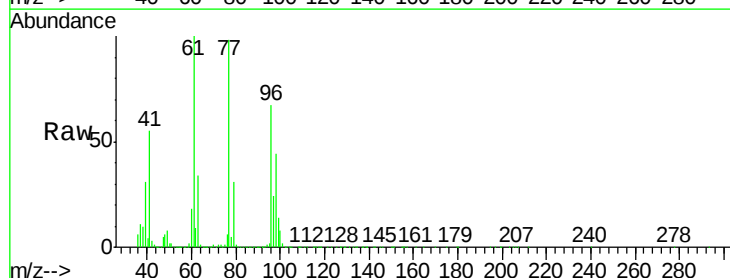
Acq: 25 Feb 2019 11:34

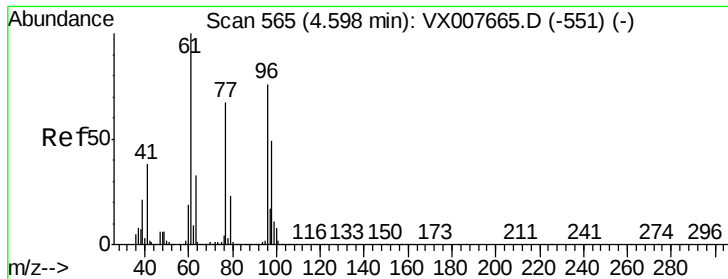
Tgt Ion: 77 Resp: 507035

Ion Ratio Lower Upper

77 100

97 24.5 12.1 36.3





#27

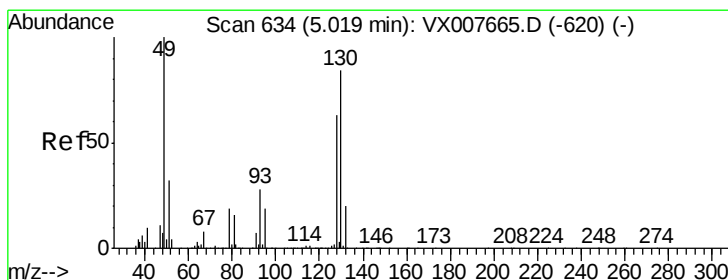
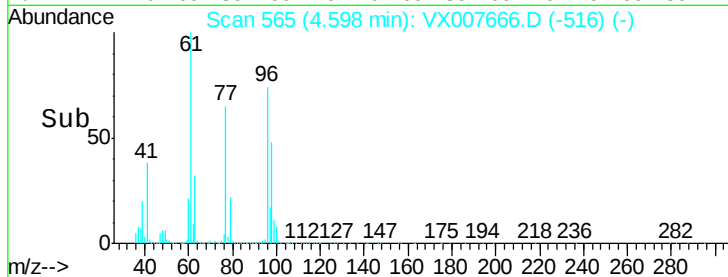
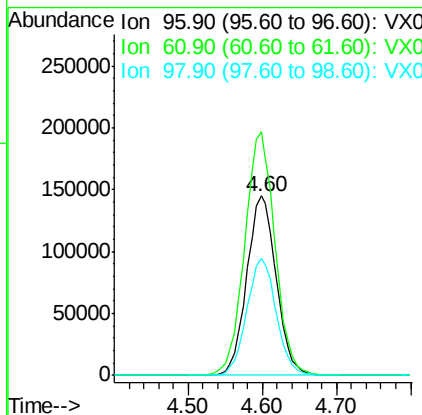
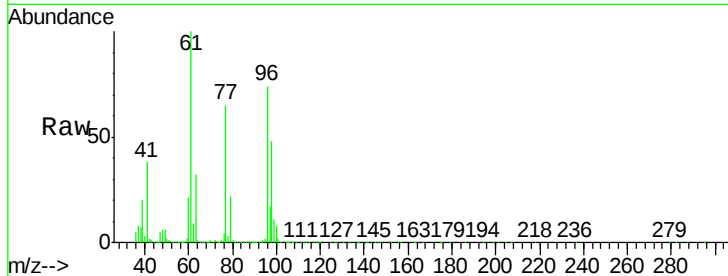
cis-1,2-Dichloroethene
Concen: 94.712 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	265.6
98	65.1	0.0	131.6

Manual Integrations
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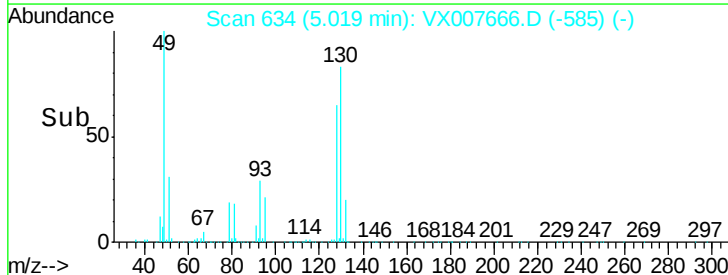
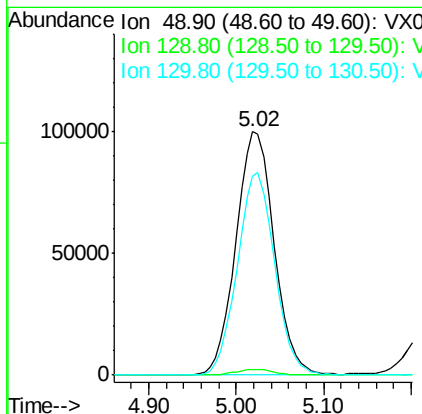
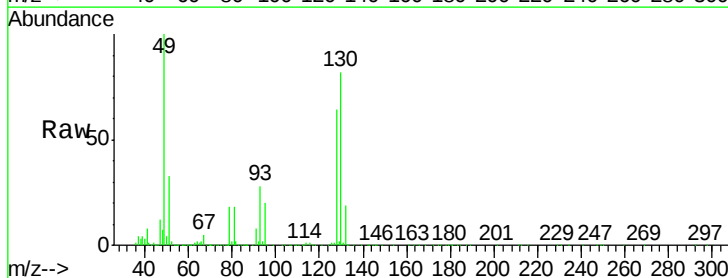
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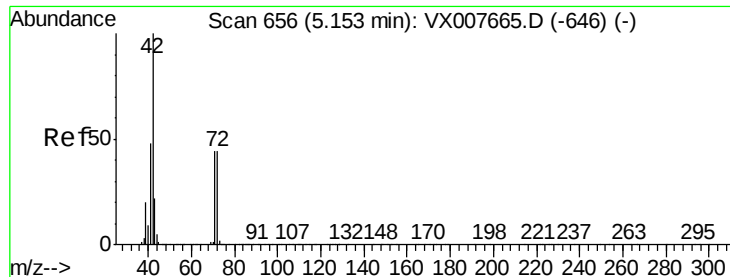


#28

Bromochloromethane
Concen: 97.895 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.6
130	81.5	75.6	113.4





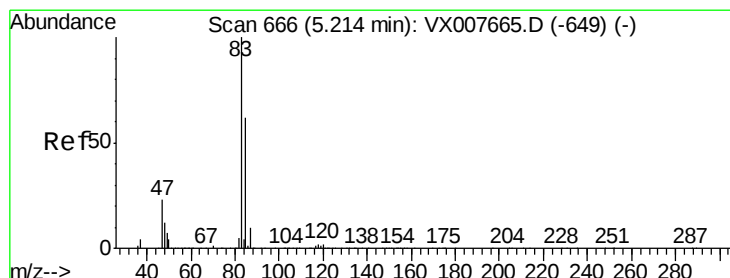
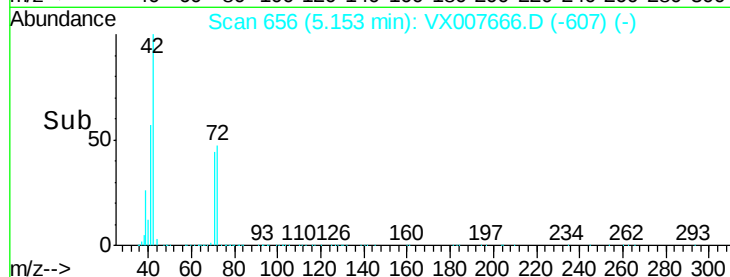
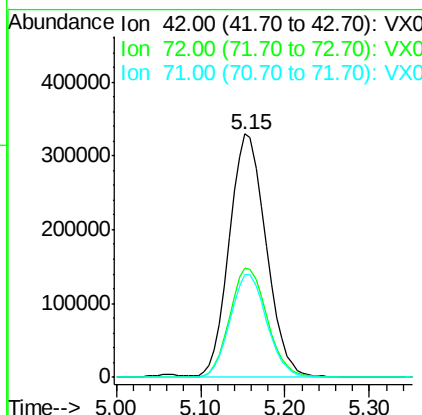
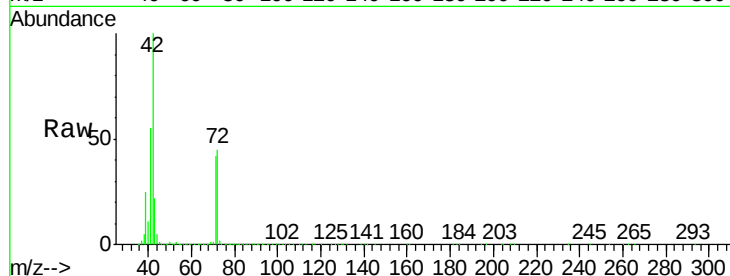
#29
Tetrahydrofuran
Concen: 520.018 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.6	56.4
71	42.3	34.6	51.8

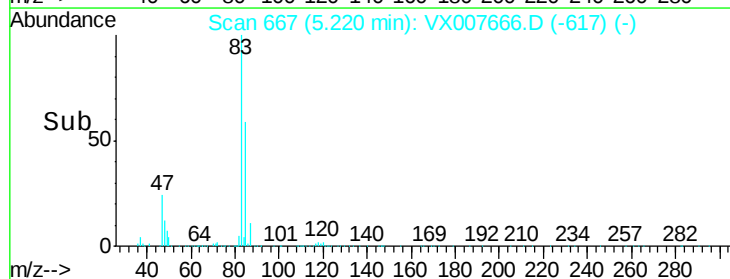
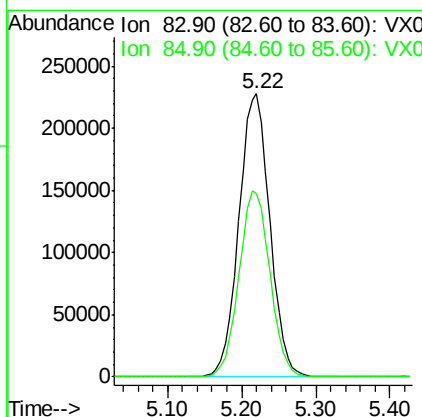
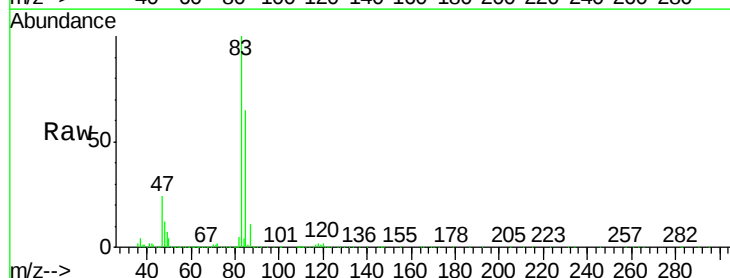
Manual Integrations
APPROVED

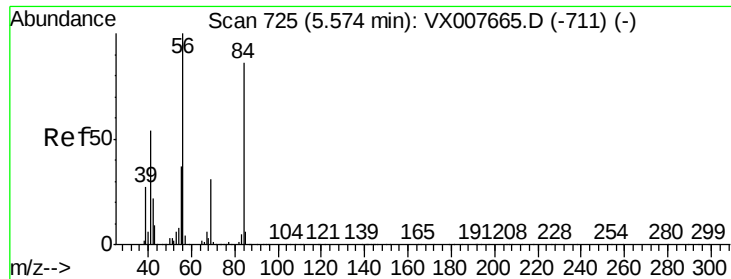
MMDadoda
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#30
Chloroform
Concen: 97.977 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





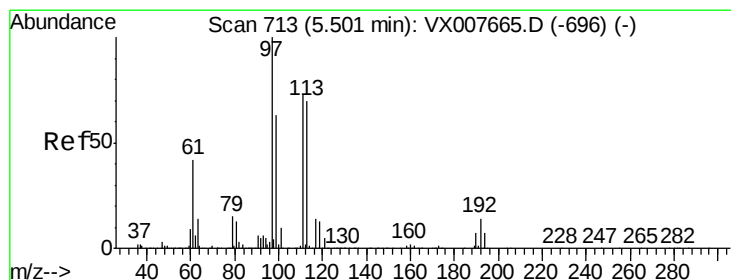
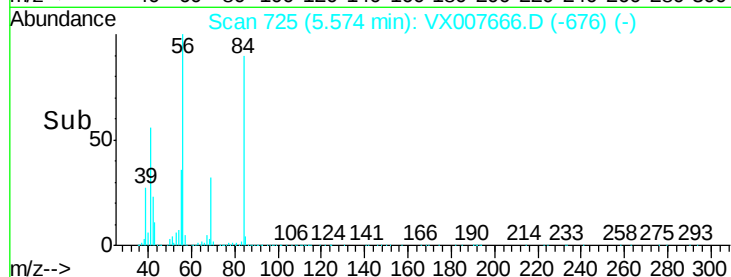
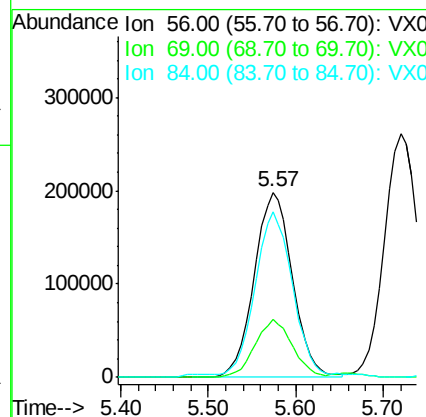
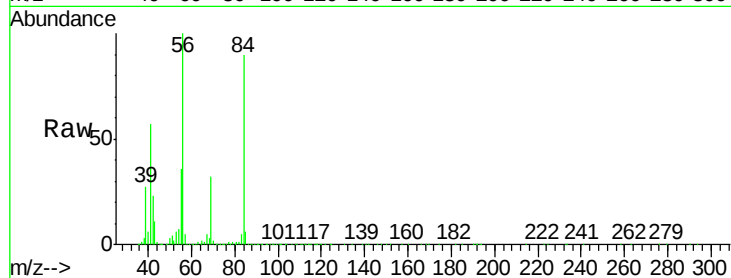
#31
Cyclohexane
Concen: 101.995 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.0	34.6
84	88.4	69.8	104.6

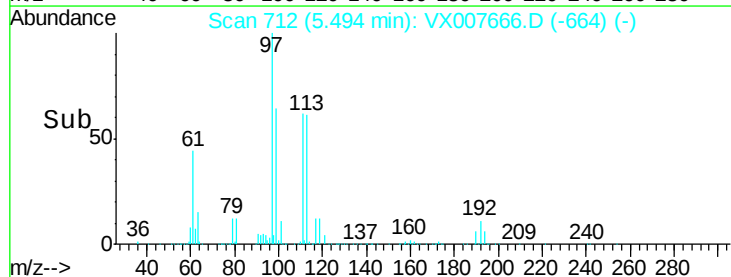
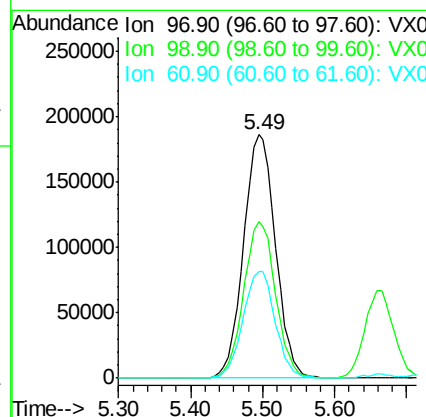
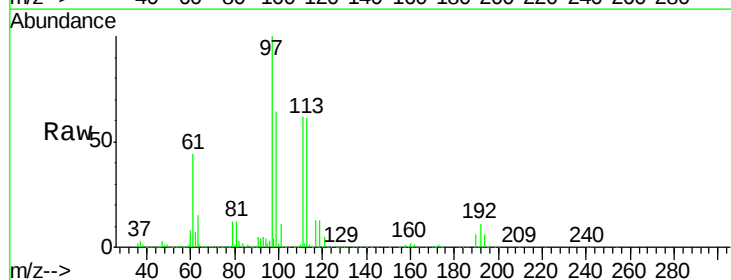
Manual Integrations
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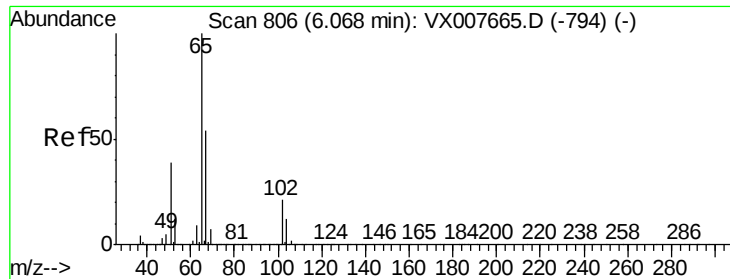
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#32
1,1,1-Trichloroethane
Concen: 103.937 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	44.1	32.7	49.1





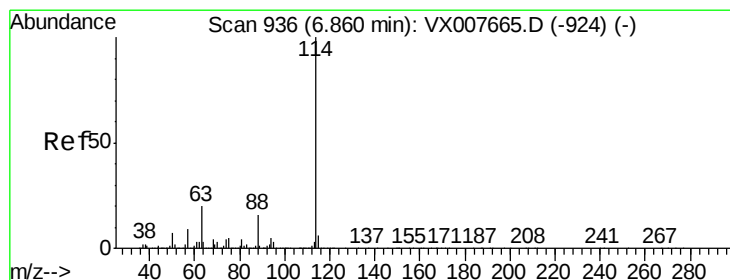
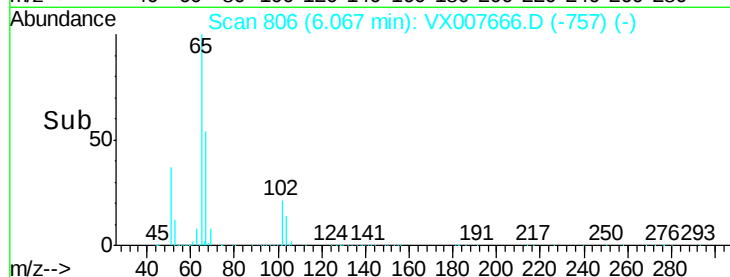
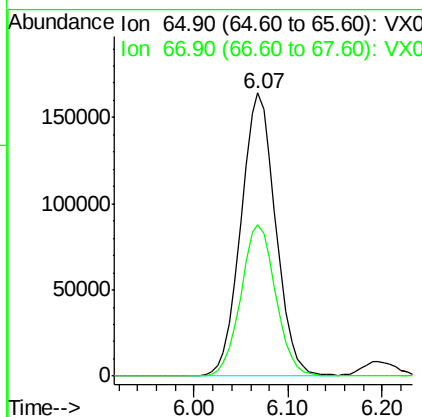
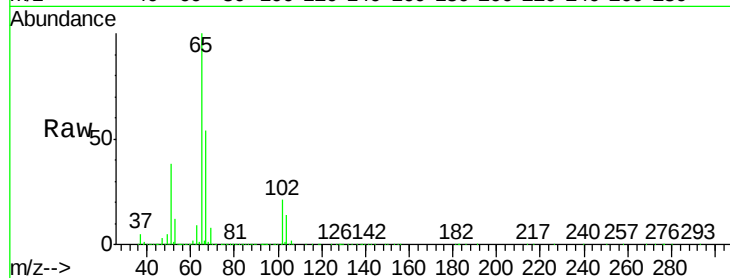
#33
 1,2-Dichloroethane-d4
 Concen: 99.103 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007666.D
 Acq: 25 Feb 2019 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.8

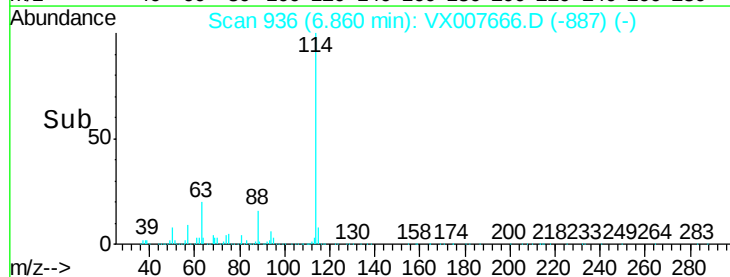
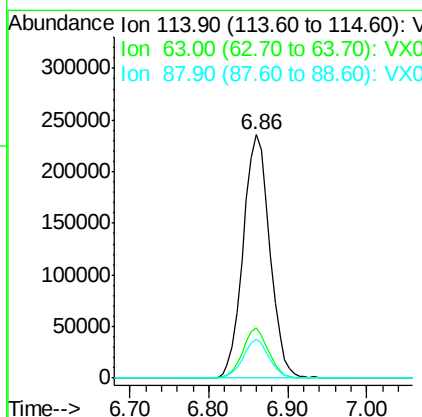
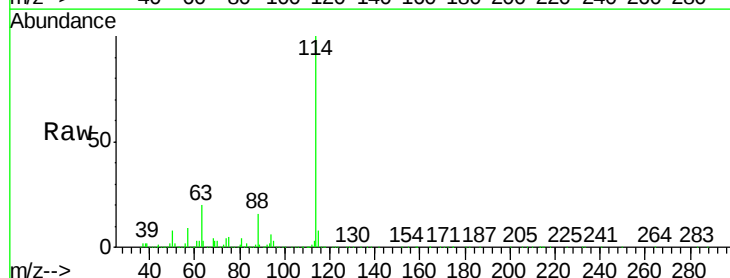
Manual Integrations
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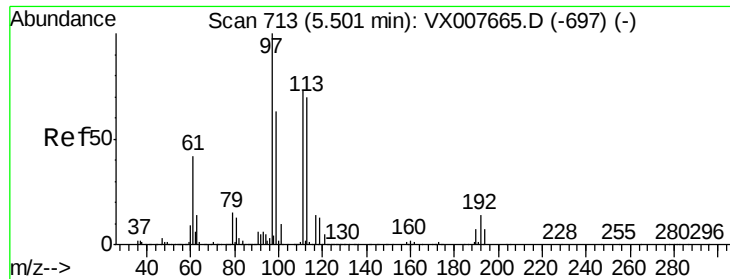
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007666.D
 Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	35.6
88	15.7	0.0	29.6





#35

Dibromofluoromethane

Concen: 97.035 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

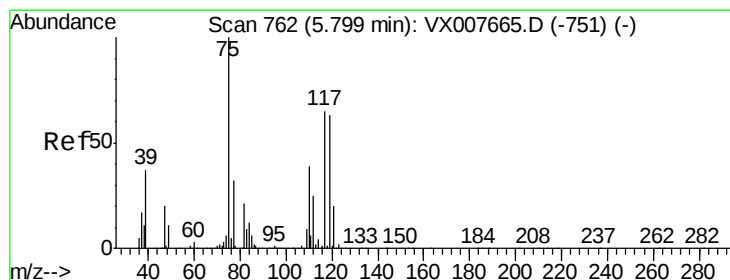
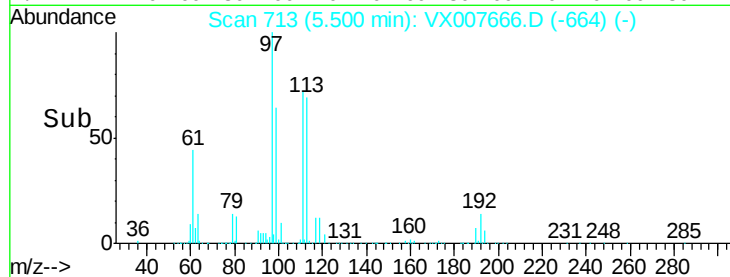
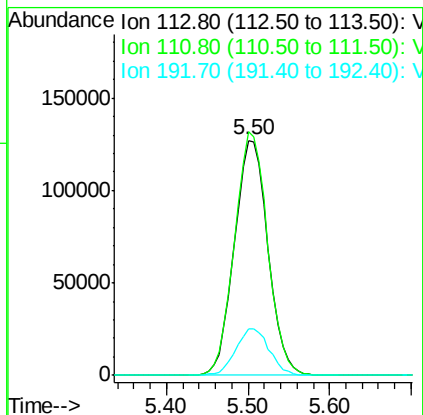
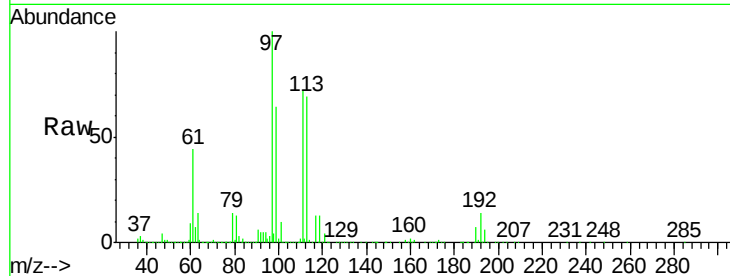
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	363206
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.8	122.8
192	19.8	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 102.031 ug/l

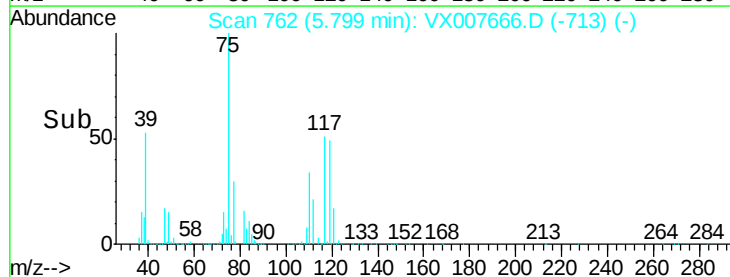
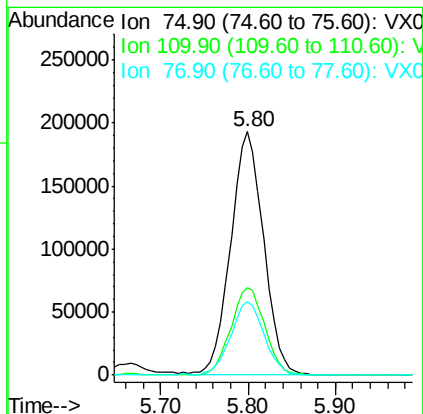
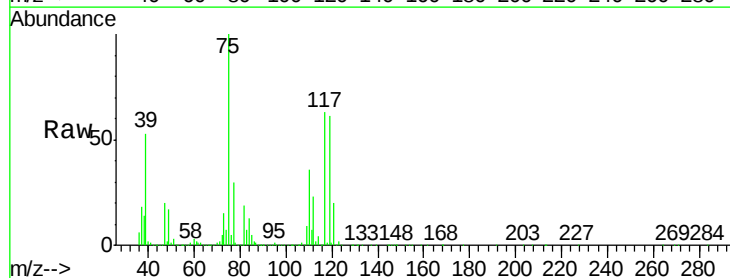
RT: 5.80 min Scan# 762

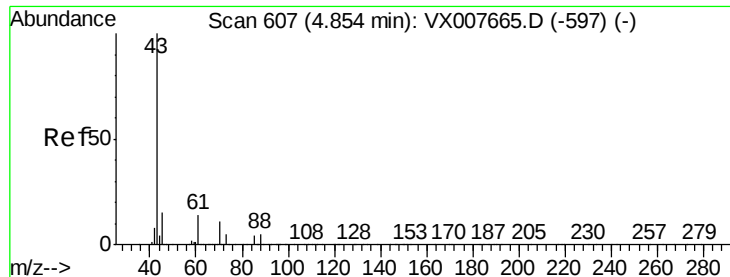
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	75	Resp:	503954
Ion Ratio	Lower	Upper	
75	100		
110	37.2	20.0	59.9
77	30.5	24.7	37.1





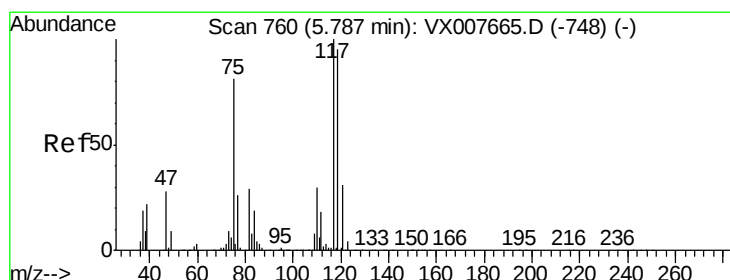
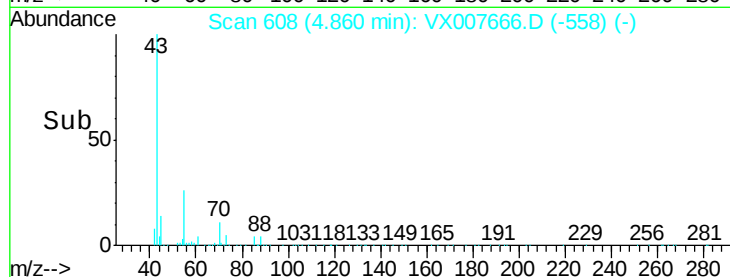
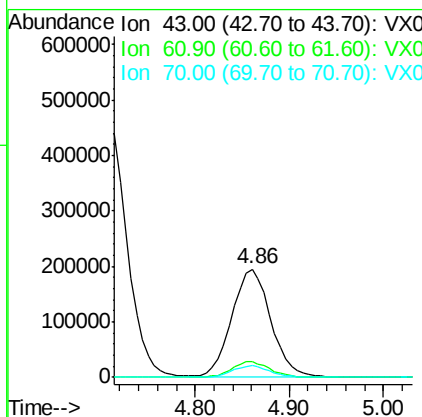
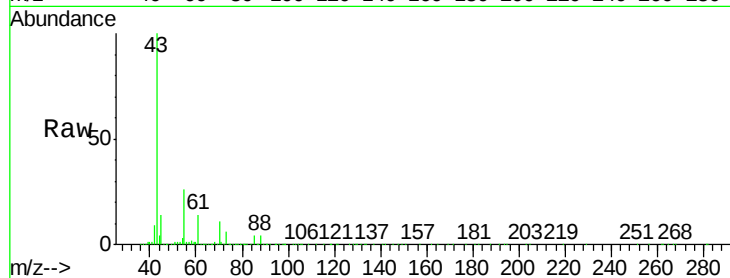
#37
Ethyl Acetate
Concen: 102.766 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.3	8.6	13.0

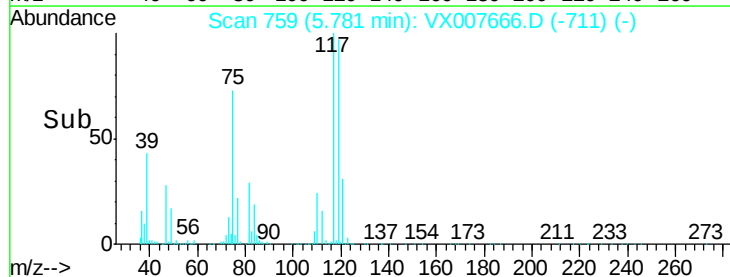
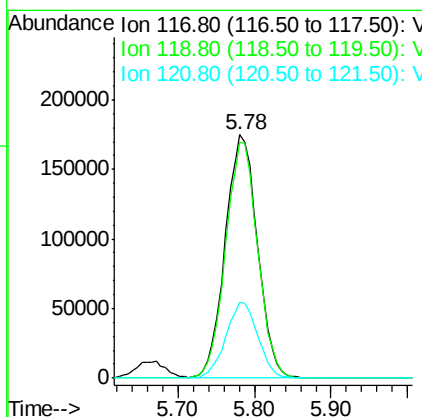
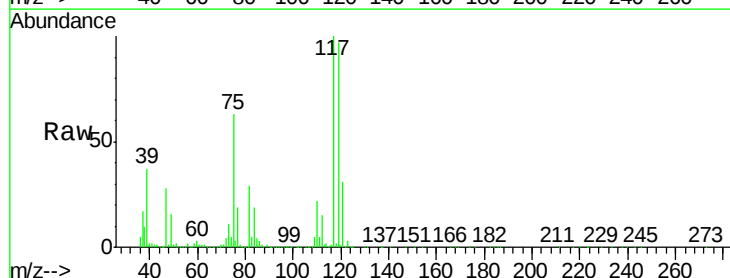
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 103.202 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.3	112.9
121	31.4	25.0	37.4





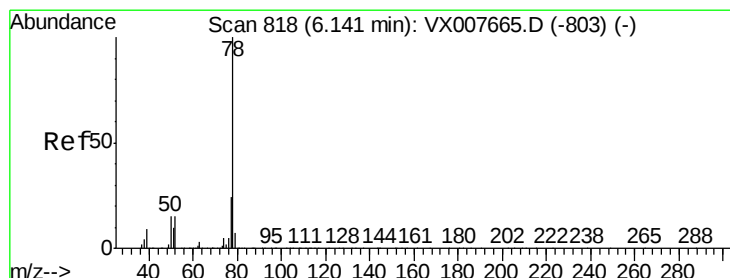
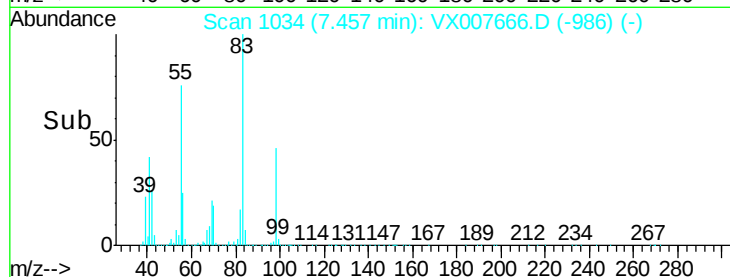
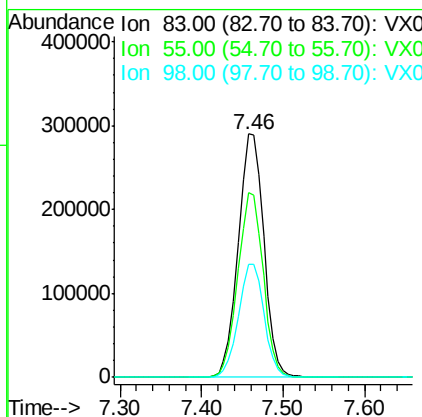
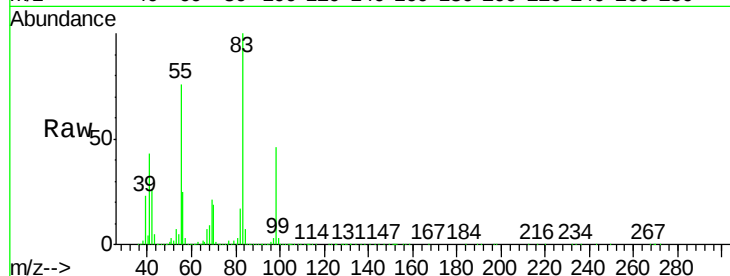
#39
Methvlcvclohexane
Concen: 100.169 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	56.2	84.2
98	46.5	36.8	55.2

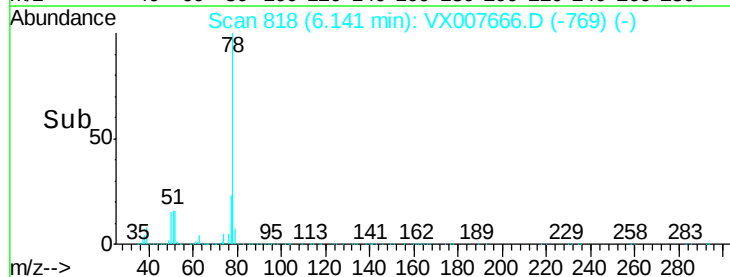
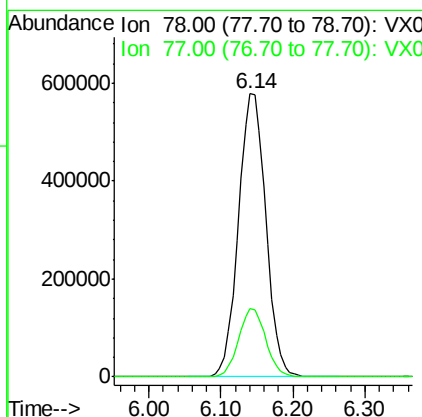
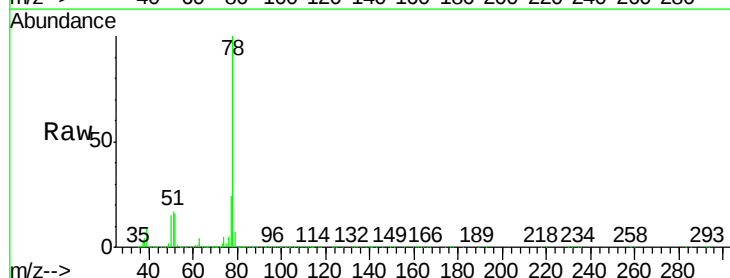
Manual Integrations
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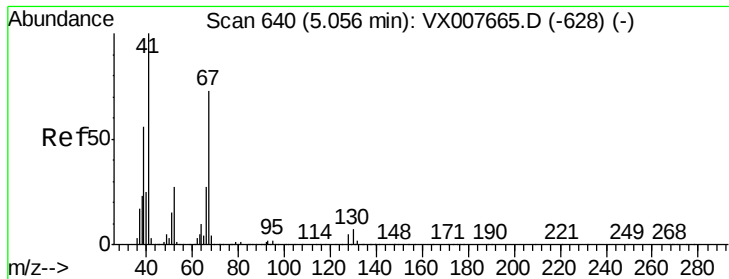
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#40
Benzene
Concen: 99.213 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





#41

Methacrylonitrile

Concen: 110.026 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

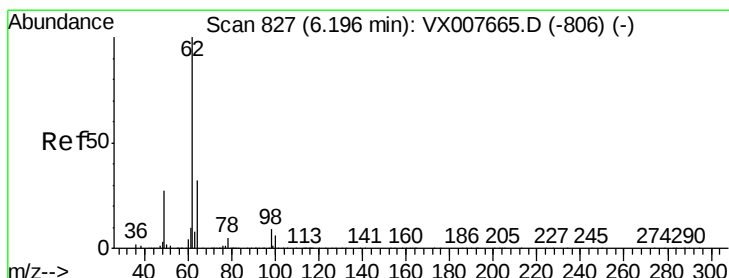
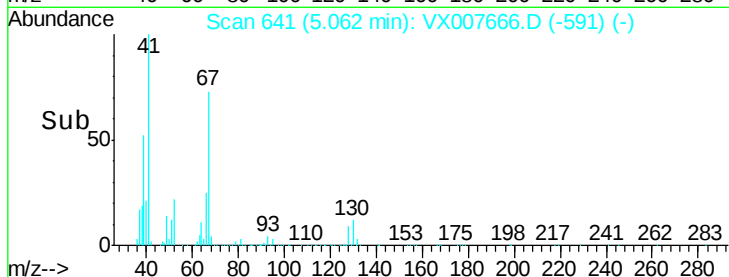
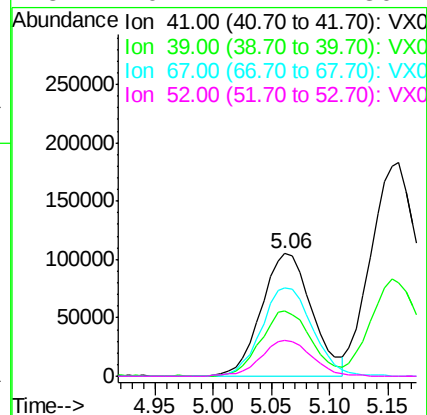
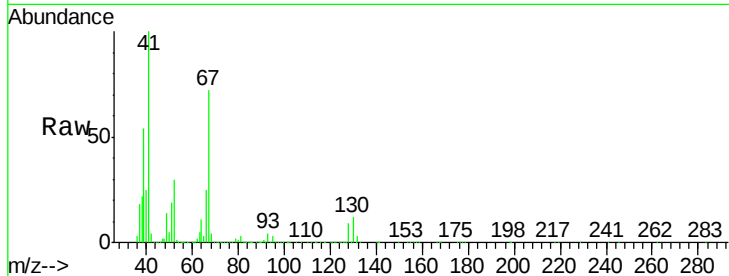
ClientSampleId :

VSTDICC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	73.3	60.4	90.6
52	29.4	24.1	36.1

Manual Integrations
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2/26/2019 2:57:39 PM



#42

1,2-Dichloroethane

Concen: 102.530 ug/l

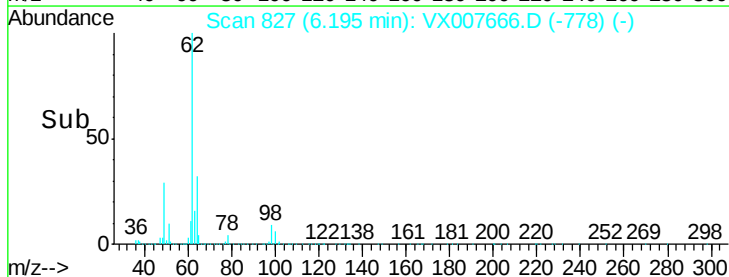
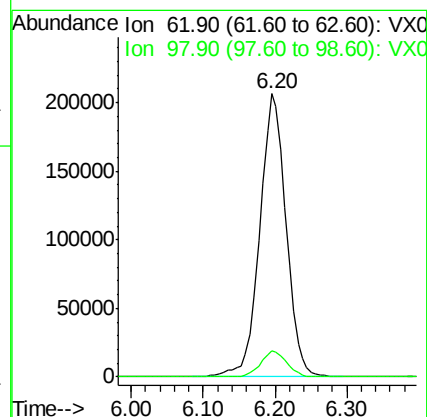
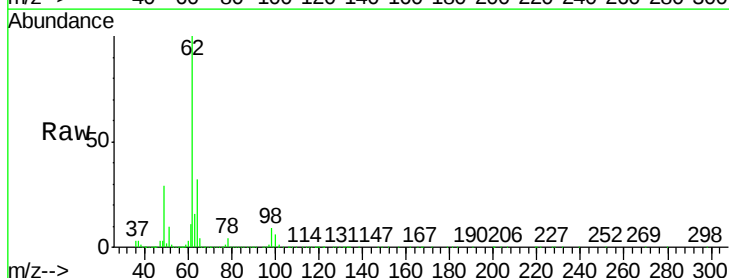
RT: 6.20 min Scan# 827

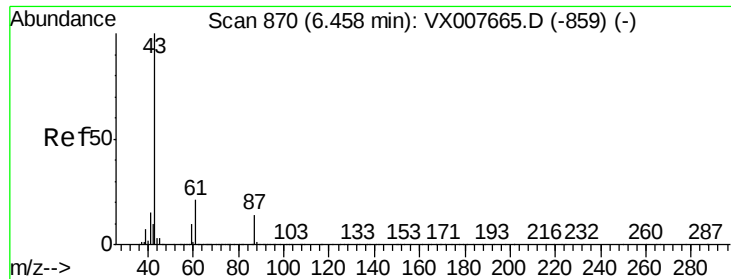
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.0





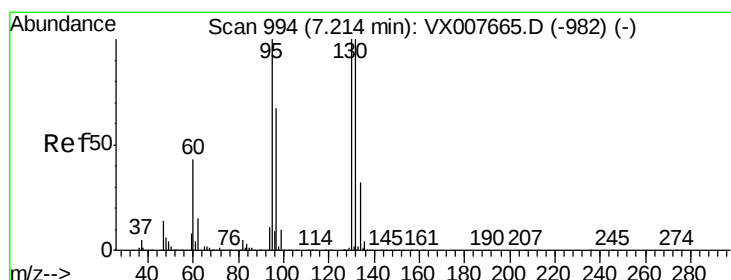
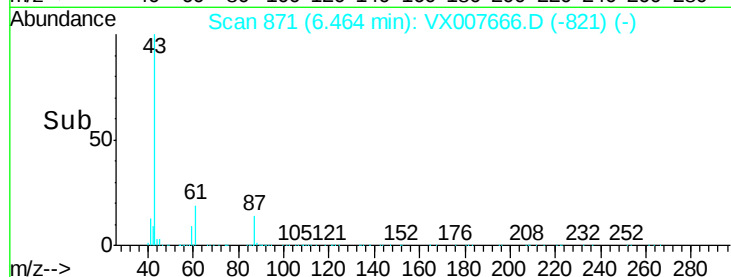
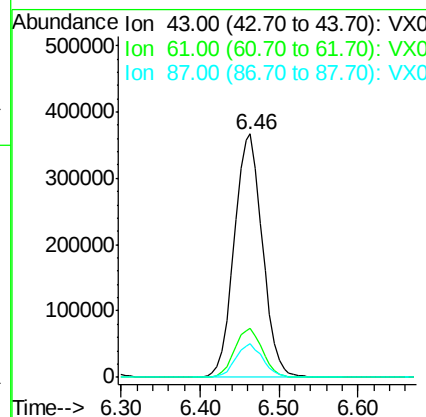
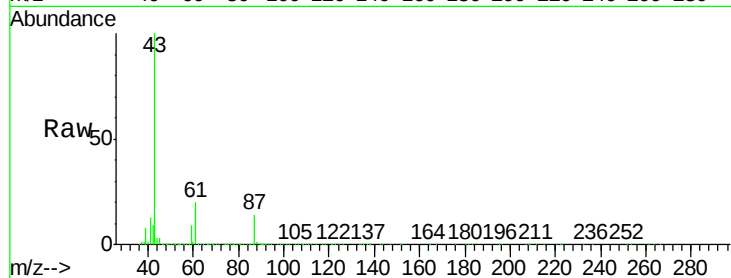
#43
Isopropyl Acetate
Concen: 111.134 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	13.3	11.5	17.3

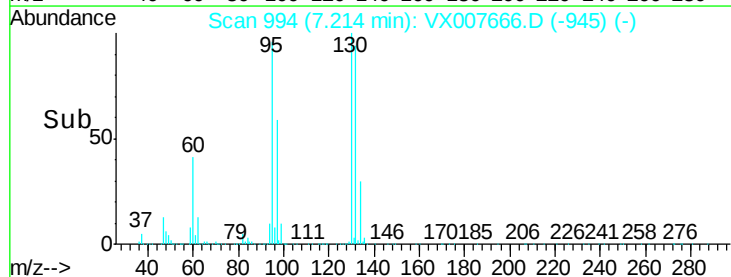
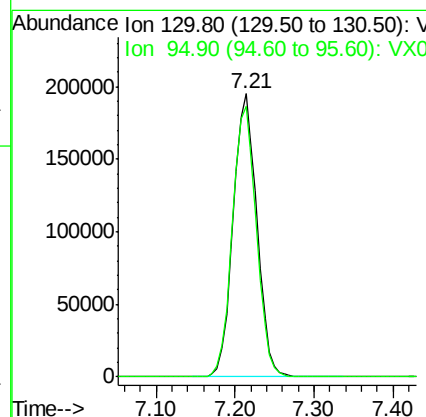
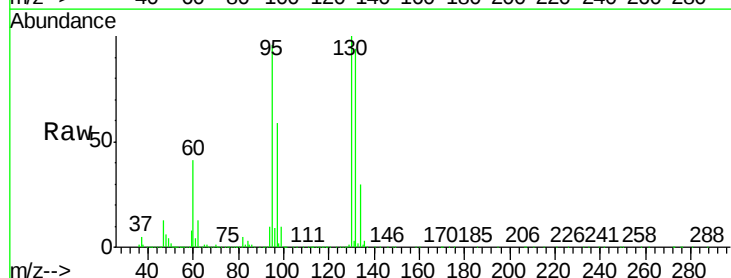
Manual Integrations
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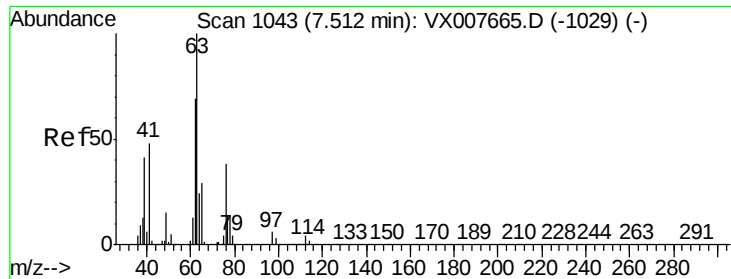
MMDadoda
2/26/2019 2:57:39 PM



#44
Trichloroethene
Concen: 95.099 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	180.0





#45

1,2-Dichloropropane

Concen: 97.648 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 390136

Ion Ratio Lower Upper

63 100

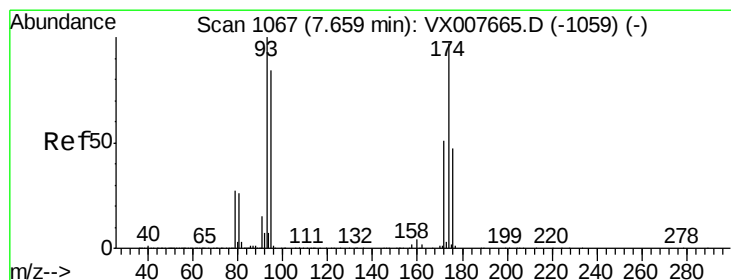
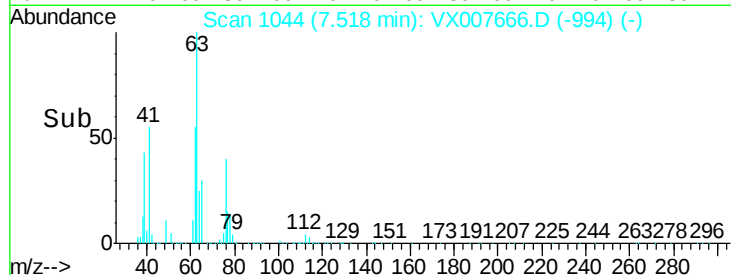
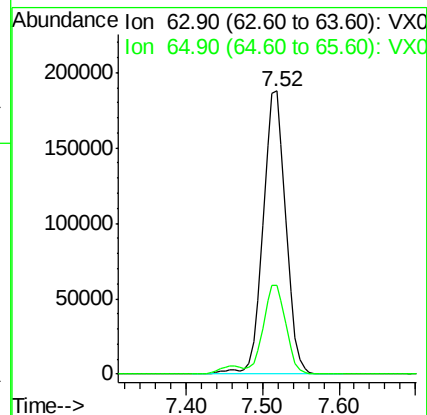
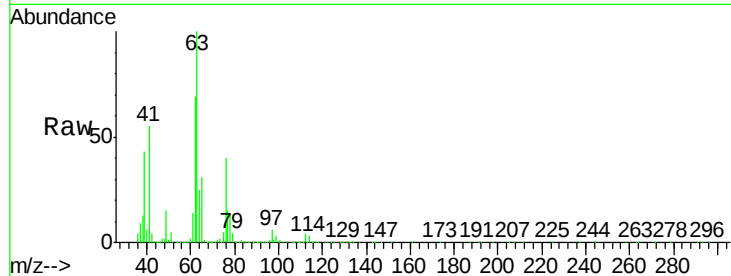
65 31.1 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 95.152 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

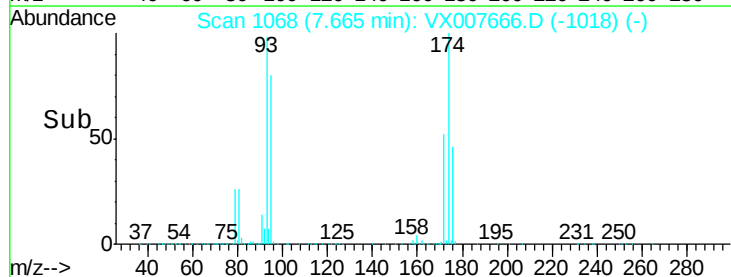
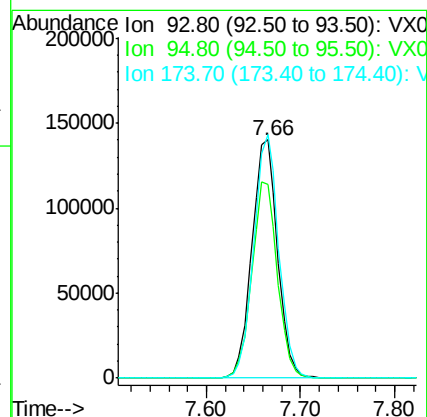
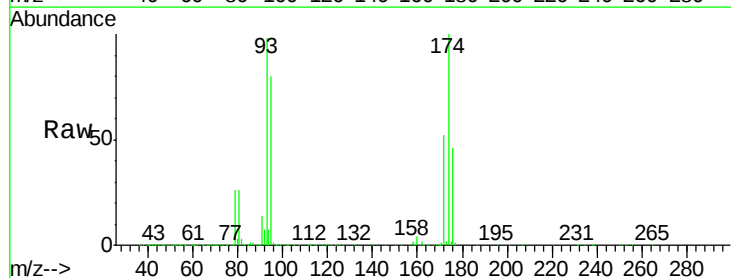
Tgt Ion: 93 Resp: 268640

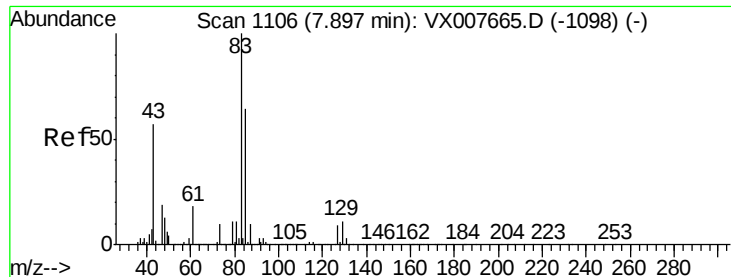
Ion Ratio Lower Upper

93 100

95 81.7 67.6 101.4

174 100.0 94.2 141.4





#47

Bromodichloromethane

Concen: 109.861 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

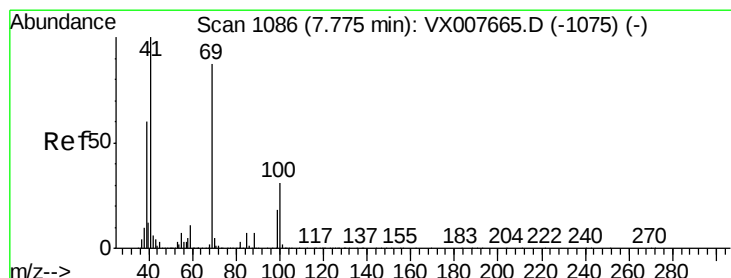
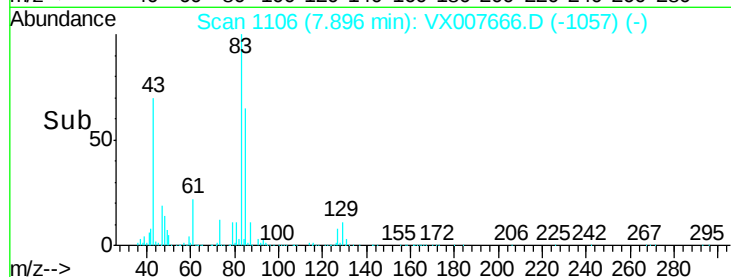
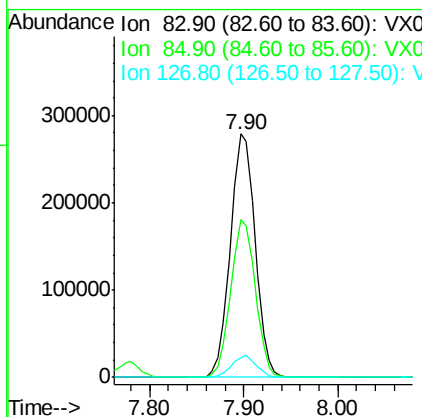
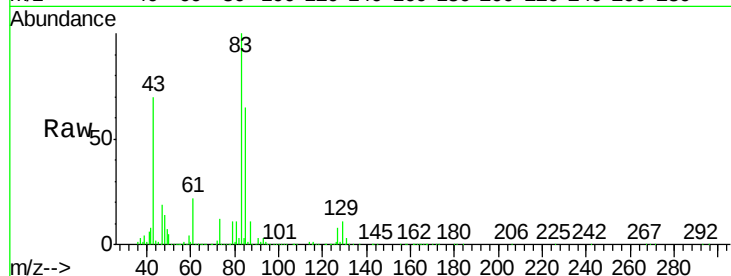
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	510486
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.4	77.0
127	8.3	8.1	12.1

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#48

Methyl methacrylate

Concen: 106.155 ug/l

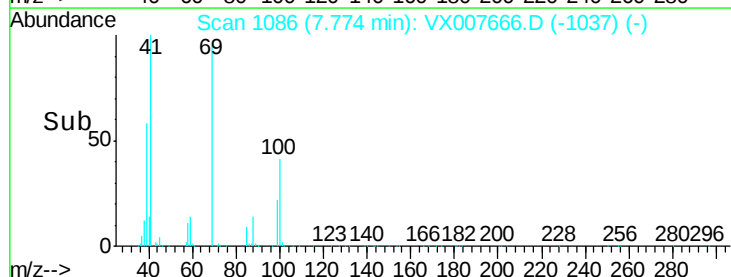
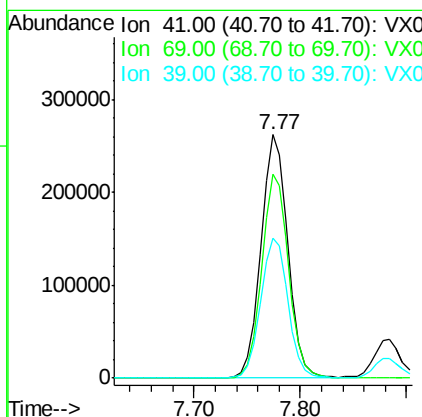
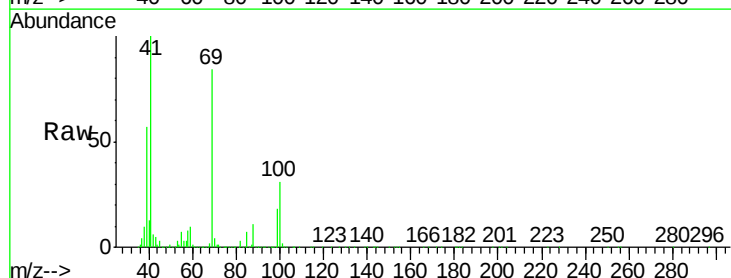
RT: 7.77 min Scan# 1086

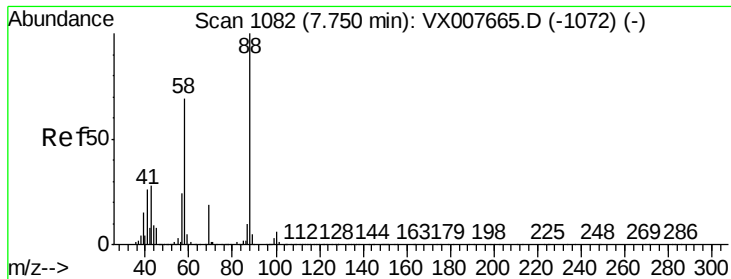
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	41	Resp:	462162
Ion Ratio	Lower	Upper	
41	100		
69	84.2	70.2	105.4
39	58.4	47.4	71.0





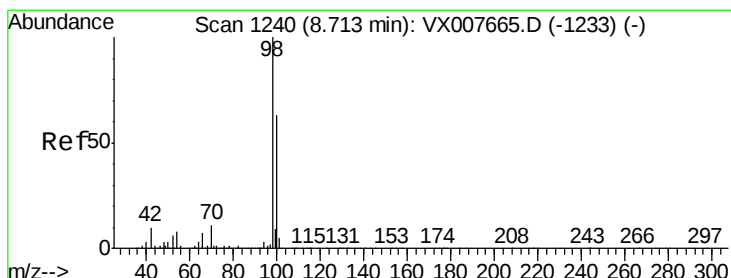
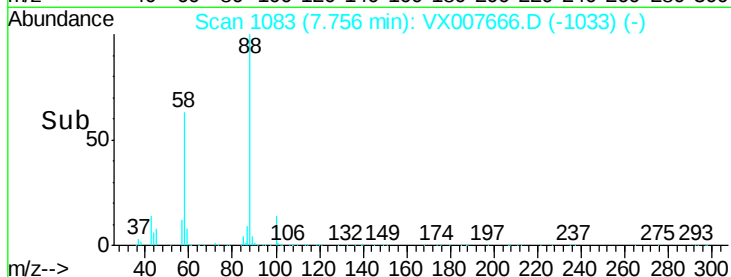
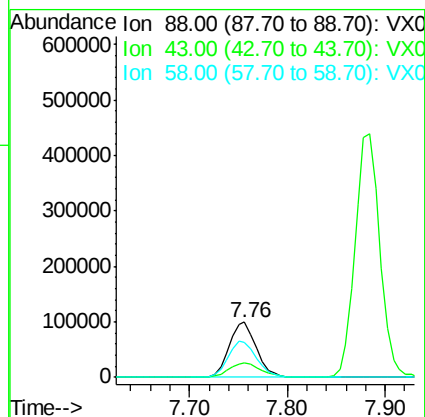
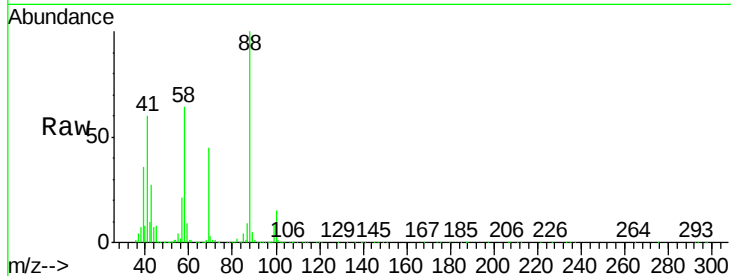
#49
1,4-Dioxane
Concen: 1999.128 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	24.2	36.4
58	68.6	53.0	79.4

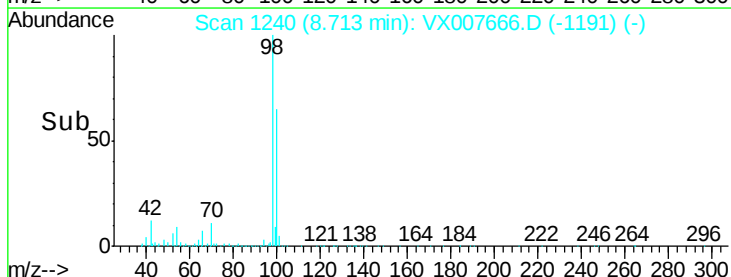
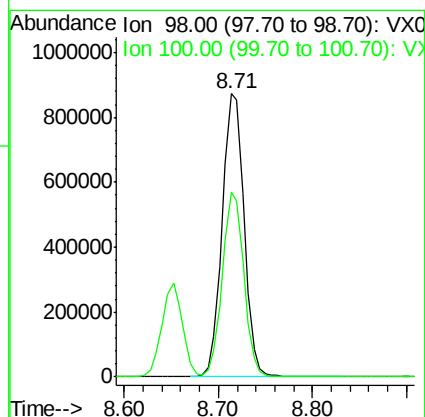
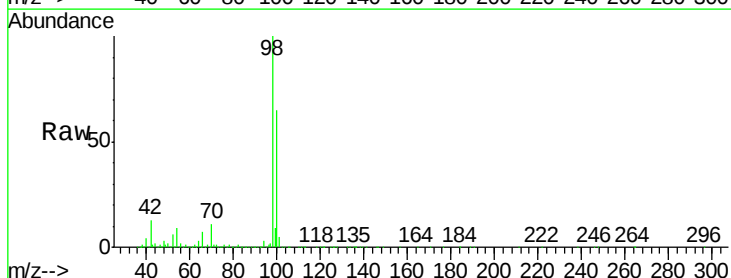
Manual Integrations
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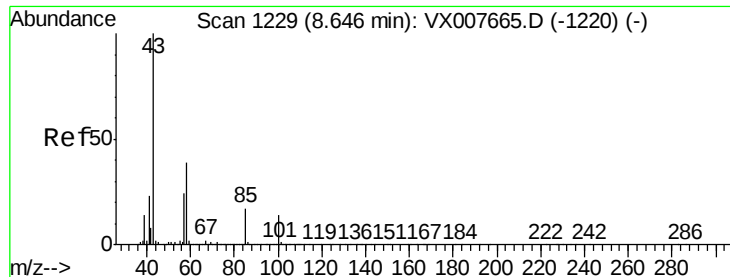
MMDadoda
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#50
Toluene-d8
Concen: 99.917 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 549.079 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 3007543

Ion Ratio Lower Upper

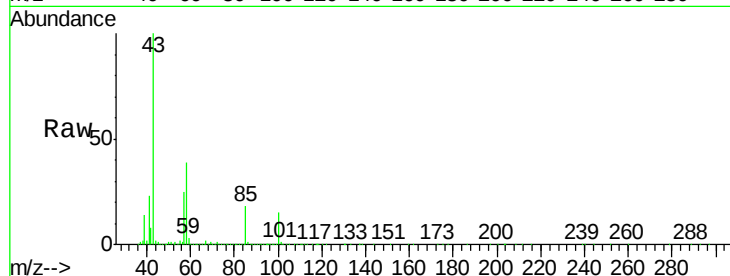
43 100

58 38.9 31.2 46.8

Manual Integrations
APPROVED

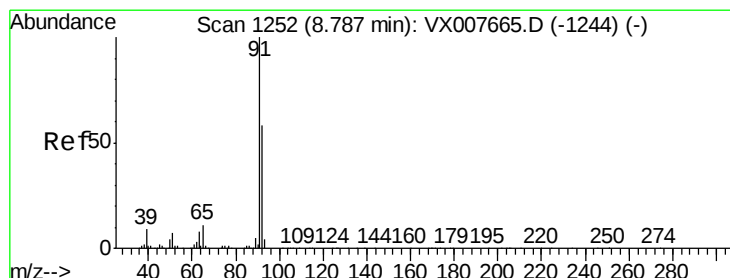
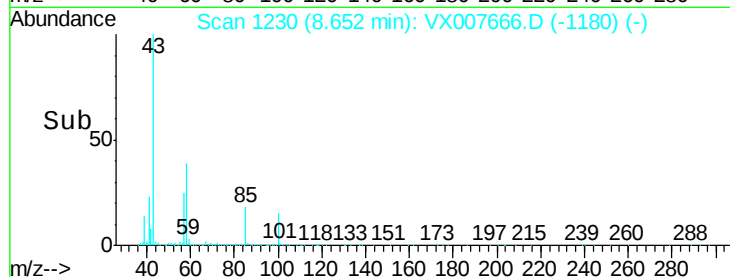
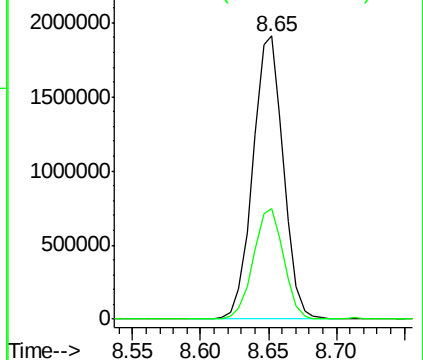
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 103.238 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007666.D

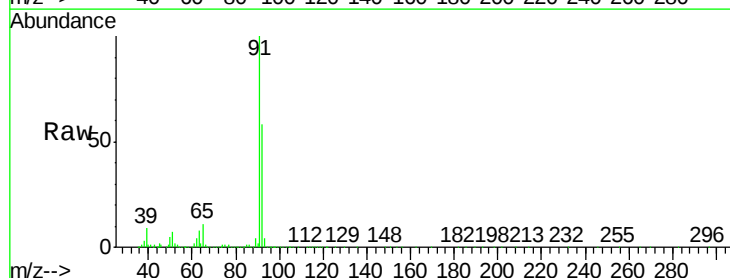
Acq: 25 Feb 2019 11:34

Tgt Ion: 92 Resp: 986741

Ion Ratio Lower Upper

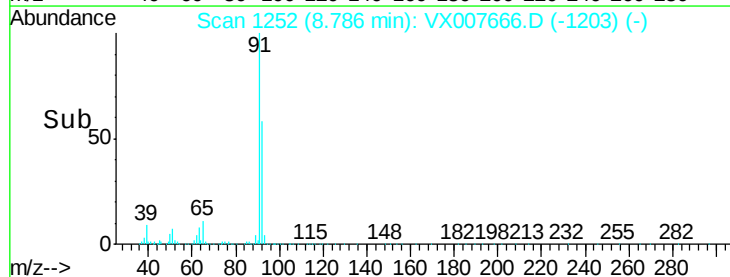
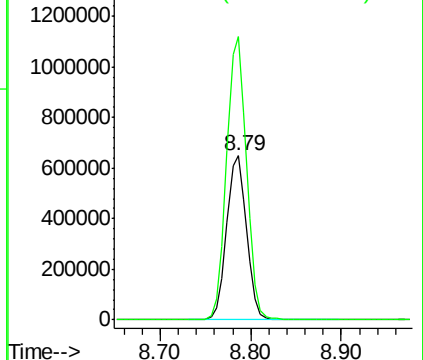
92 100

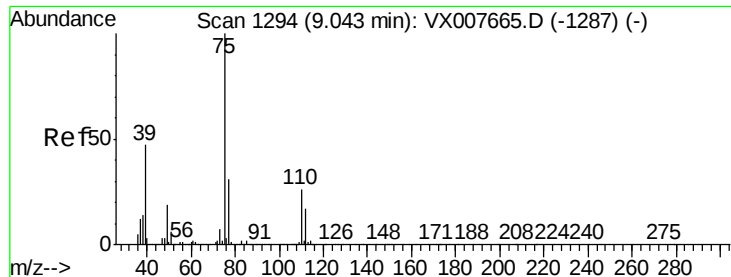
91 173.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 124.286 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 601912

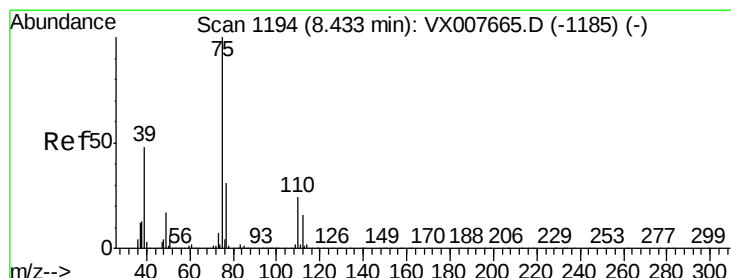
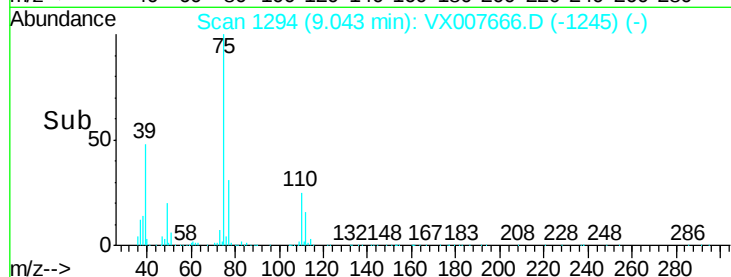
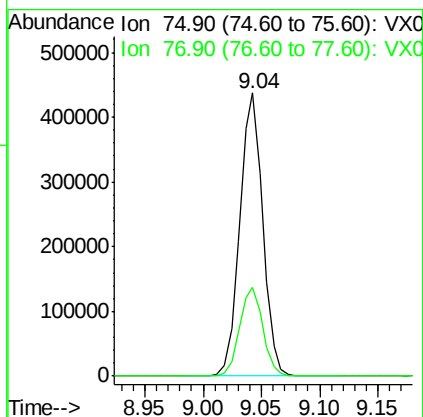
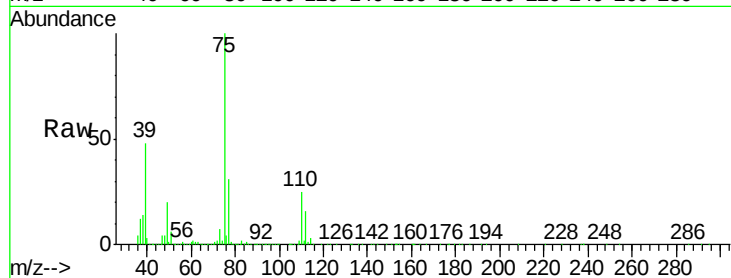
Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 114.749 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

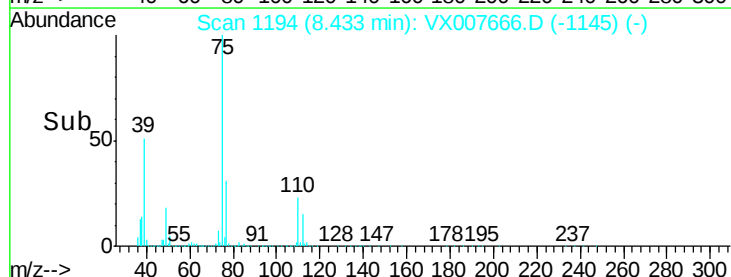
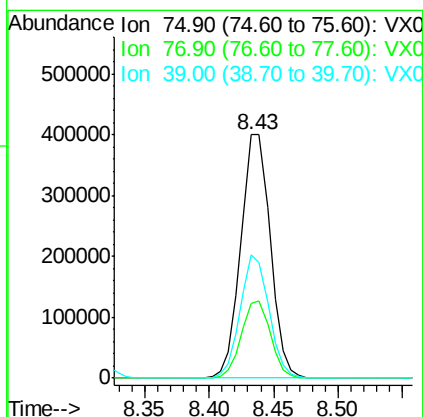
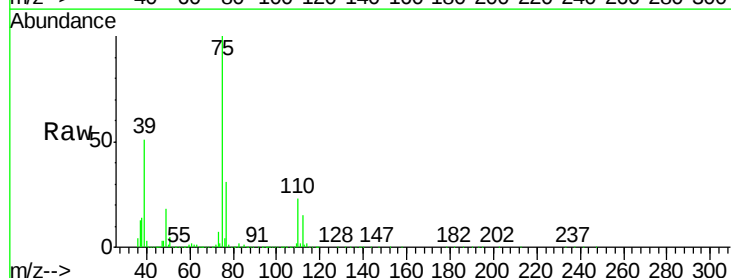
Tgt Ion: 75 Resp: 635587

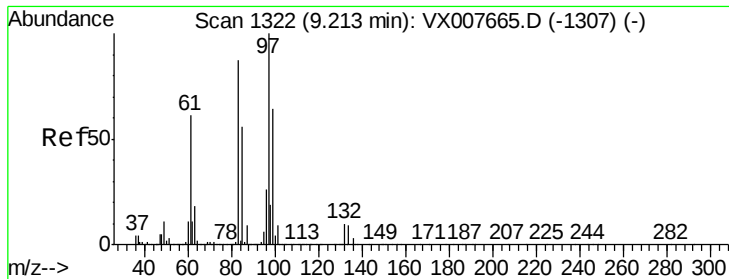
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.4

39 50.6 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 98.930 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

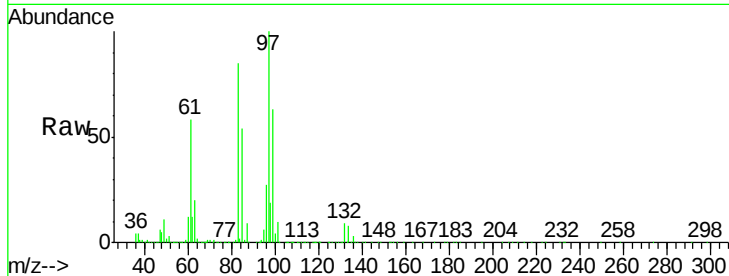
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		399645		
83	85.0	68.6	102.8		
85	53.7	44.5	66.7		
99	63.0	52.2	78.4		

Manual Integrations
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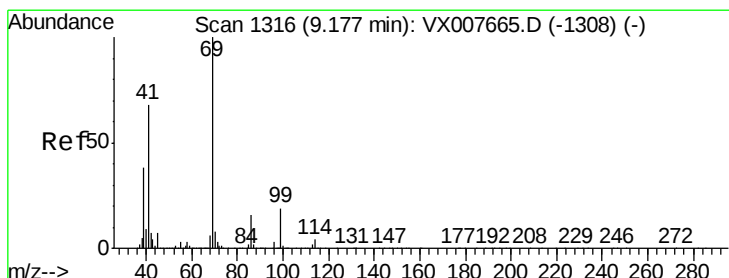
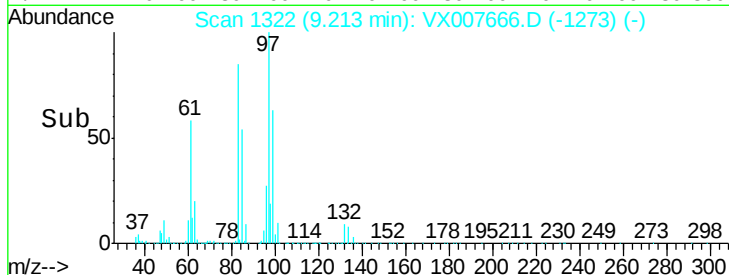
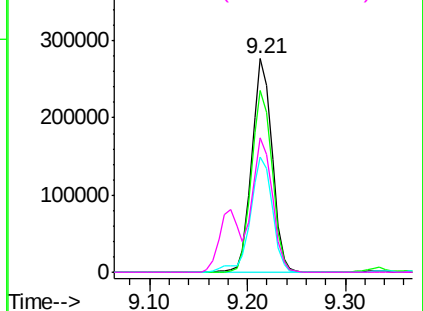
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 116.918 ug/l

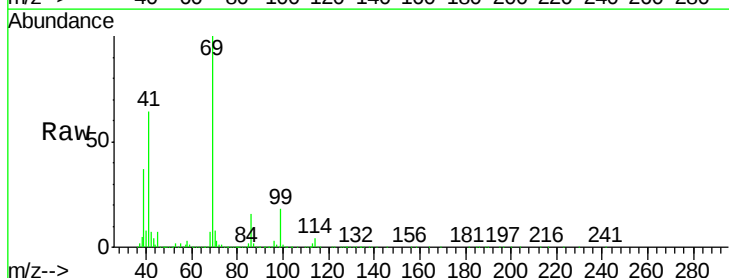
RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		630616		
41	66.6	52.1	78.1		
39	37.8	30.1	45.1		

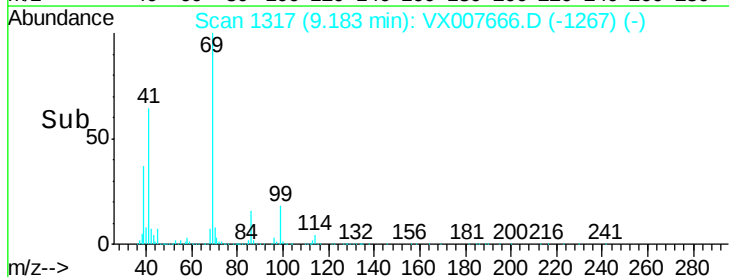
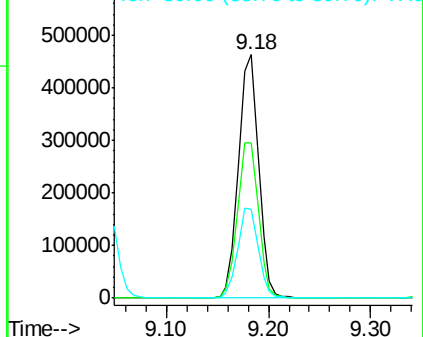


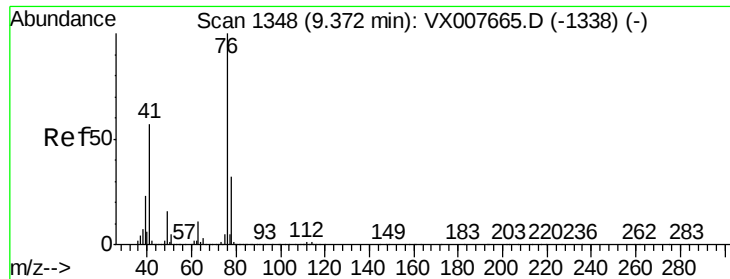
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 102.227 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 655612

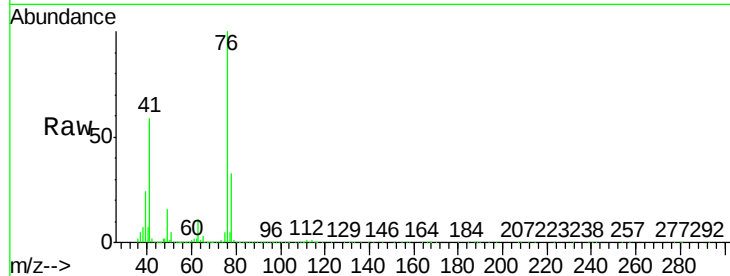
Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

500000

400000

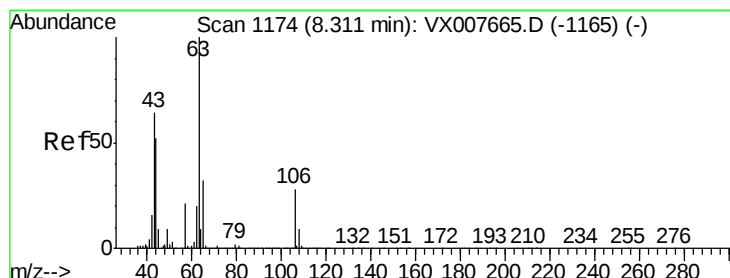
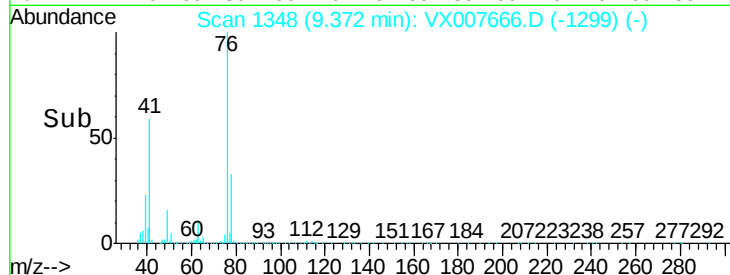
300000

200000

100000

0

Time--> 9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 532.746 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007666.D

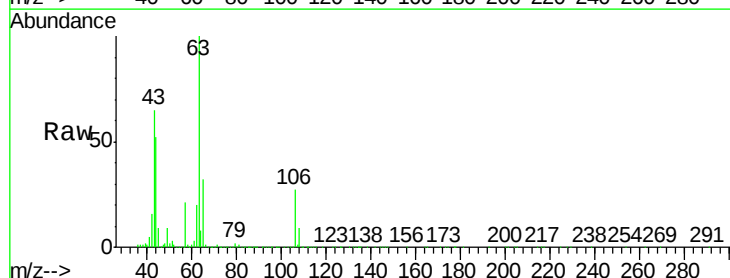
Acq: 25 Feb 2019 11:34

Tgt Ion: 63 Resp: 1646568

Ion Ratio Lower Upper

63 100

106 27.1 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

1200000

1000000

800000

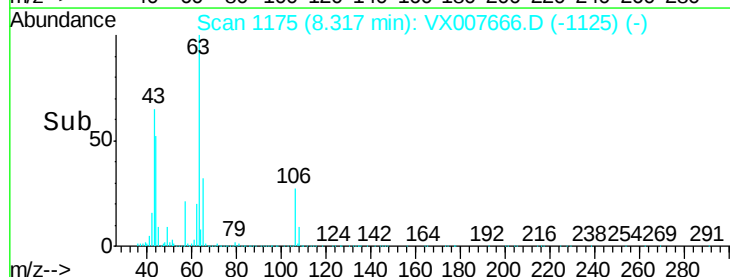
600000

400000

200000

0

Time--> 8.20 8.30 8.40





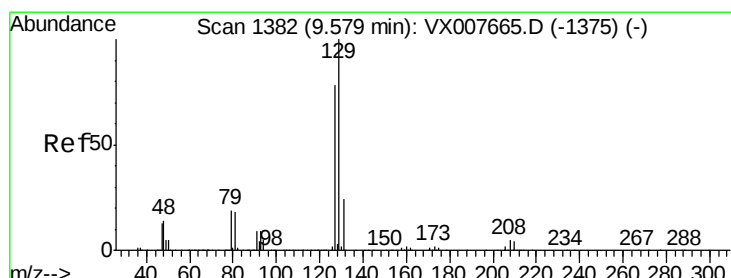
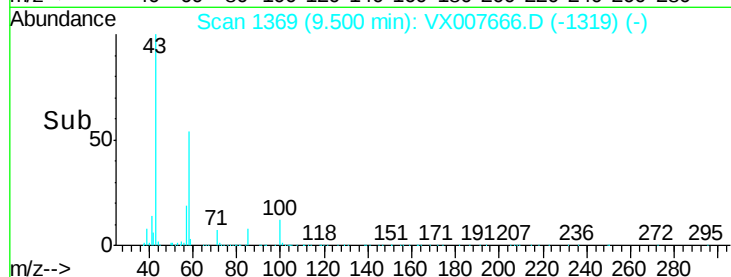
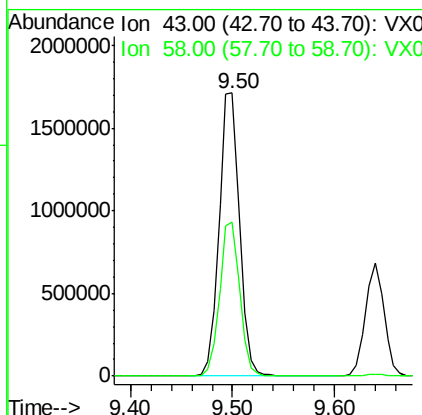
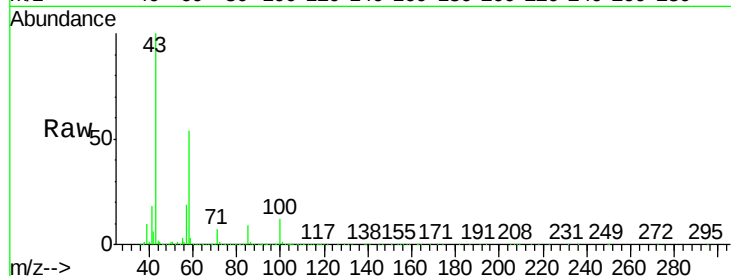
#59
2-Hexanone
Concen: 565.663 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 2405275
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.3

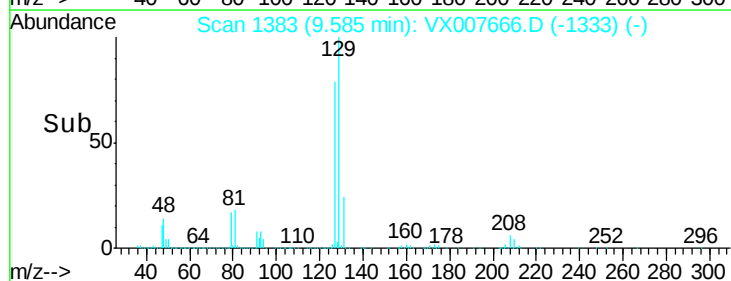
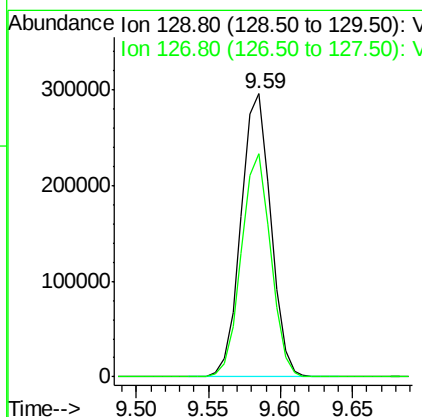
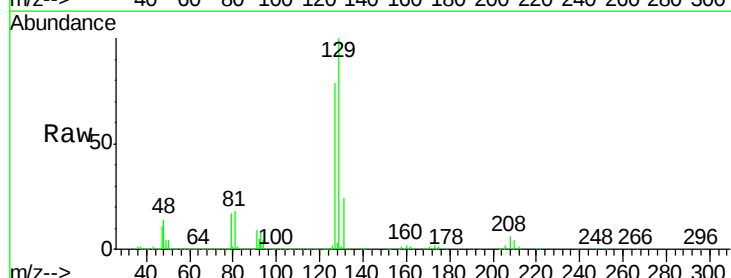
Manual Integrations
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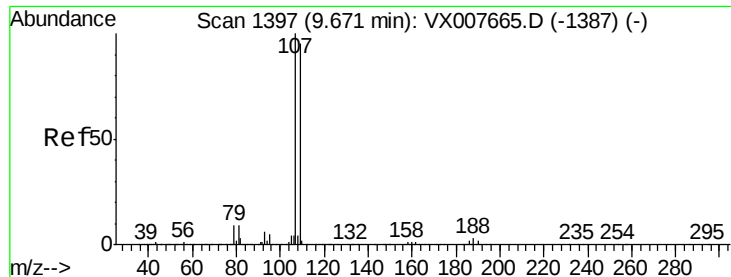
MMDadoda
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#60
Dibromochloromethane
Concen: 116.553 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion: 129 Resp: 426217
Ion Ratio Lower Upper
129 100
127 77.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 103.572 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 428115

Ion Ratio Lower Upper

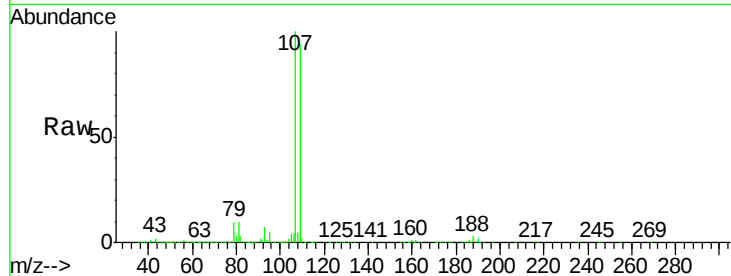
107 100

109 94.9 75.1 112.7

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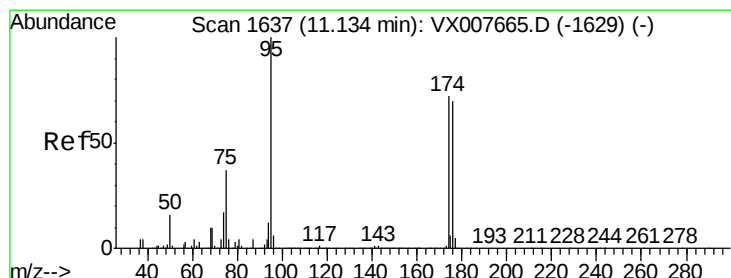
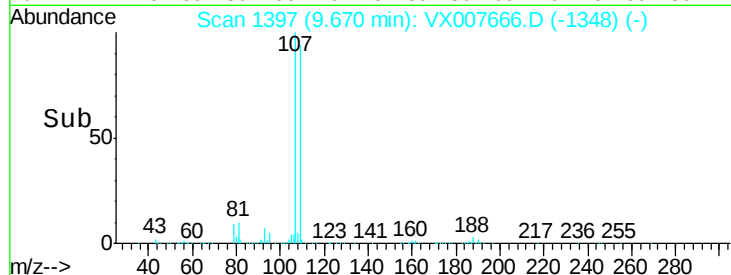
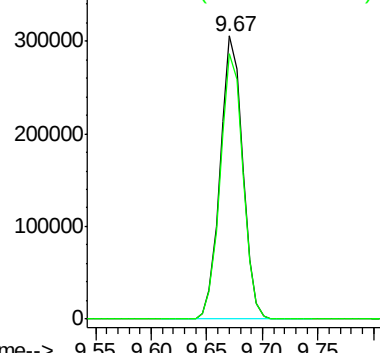
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 112.926 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

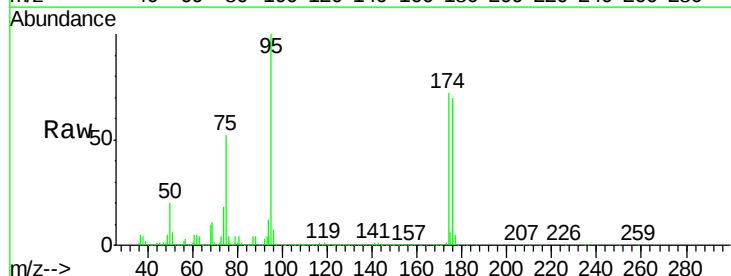
Tgt Ion: 95 Resp: 549063

Ion Ratio Lower Upper

95 100

174 78.6 0.0 189.2

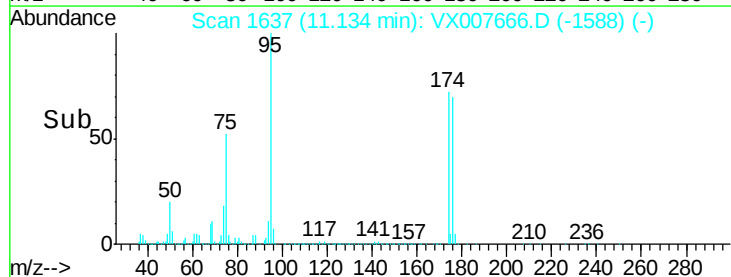
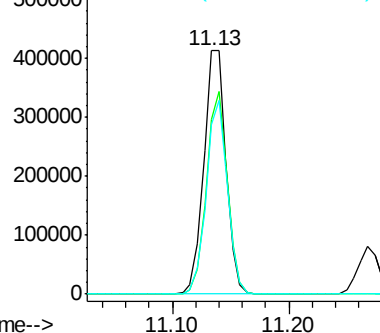
176 75.7 0.0 186.2

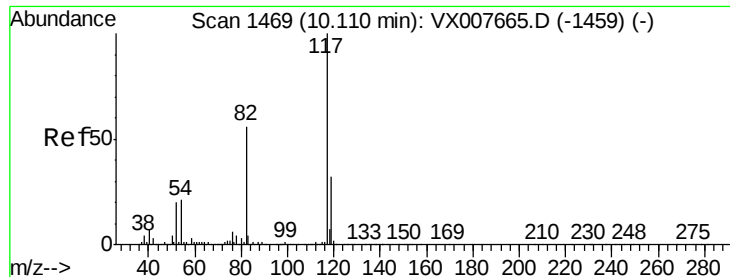


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





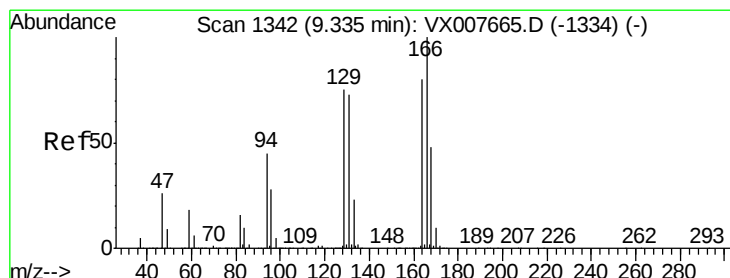
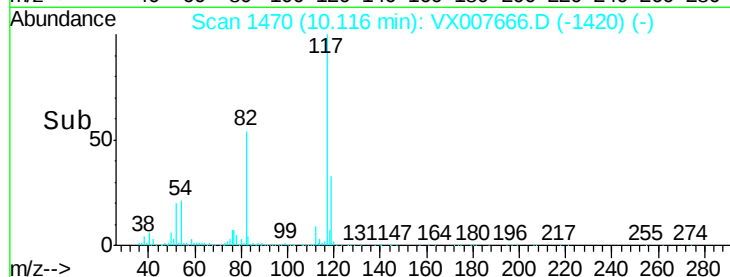
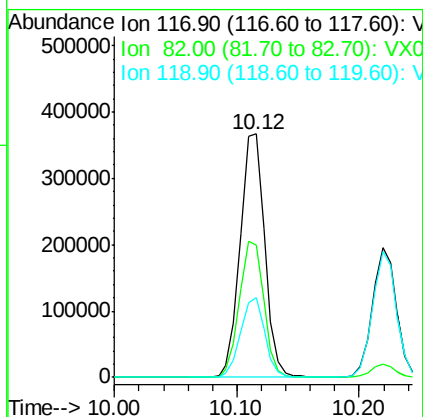
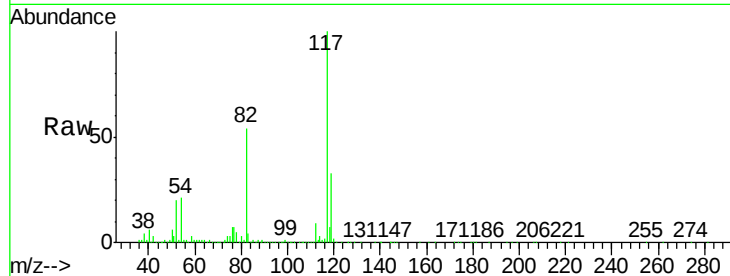
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.1	63.1
119	32.9	26.5	39.7

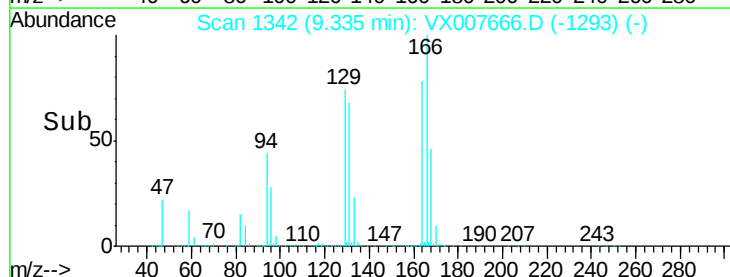
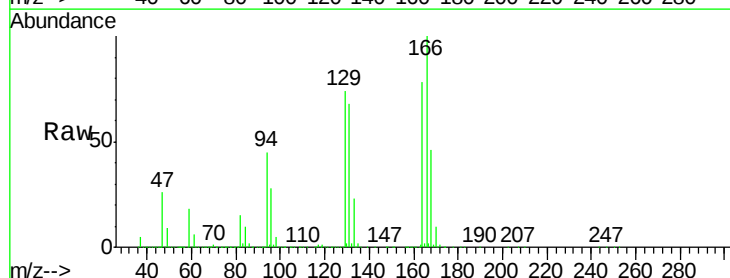
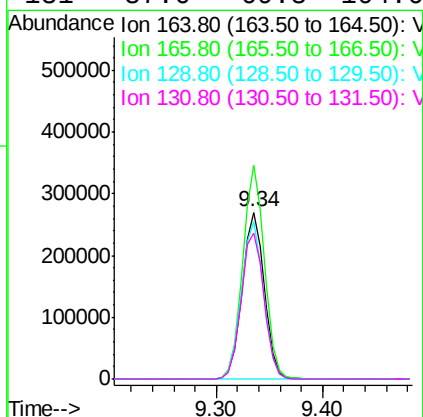
Manual Integrations
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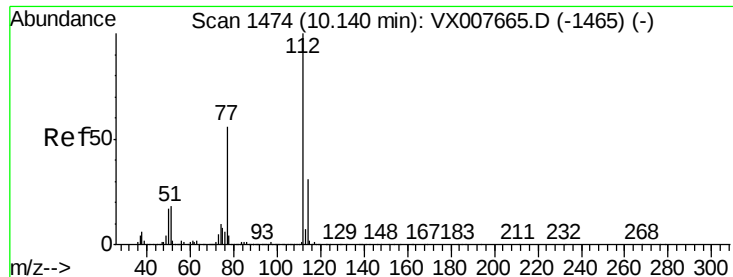
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#64
Tetrachloroethene
Concen: 91.990 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.0	151.4
129	94.5	70.5	105.7
131	87.6	69.8	104.6





#65

Chlorobenzene

Concen: 95.210 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:112 Resp: 1065719

Ion Ratio Lower Upper

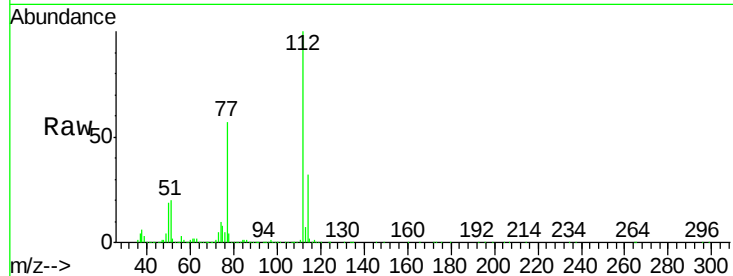
112 100

114 31.9 25.8 38.6

Manual Integrations
APPROVED

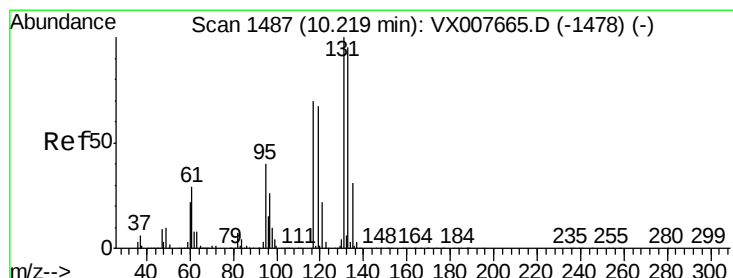
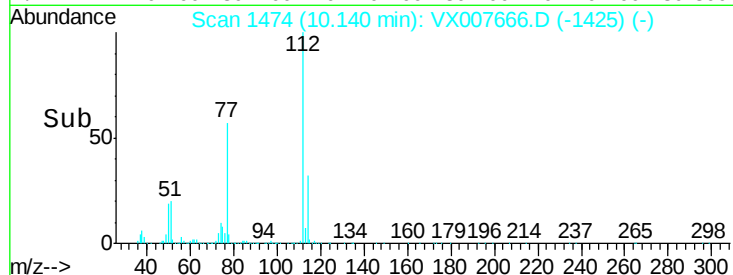
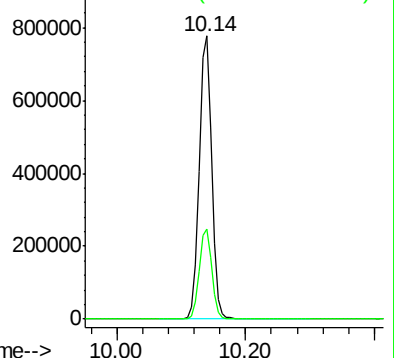
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 99.105 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

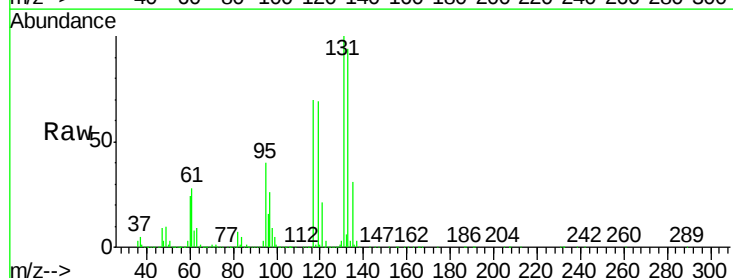
Tgt Ion:131 Resp: 381500

Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.2

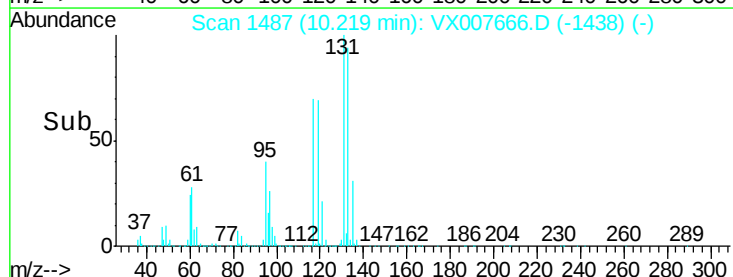
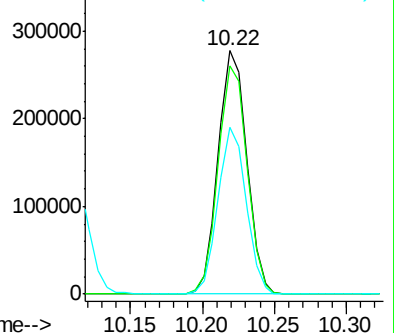
119 67.3 32.0 96.0

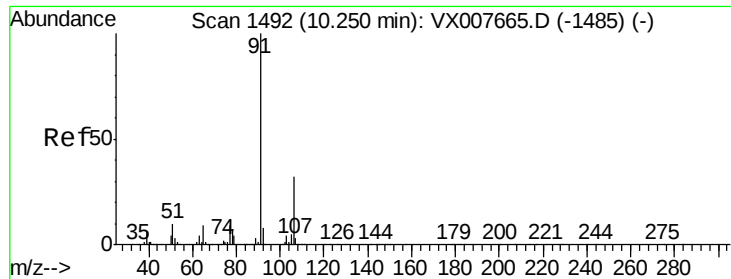


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 103.701 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1872228

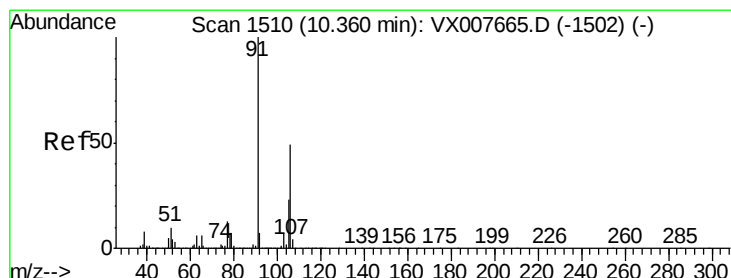
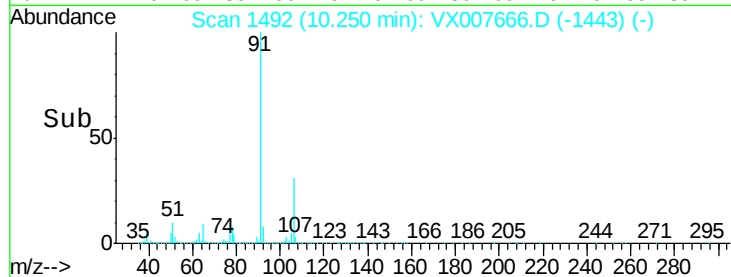
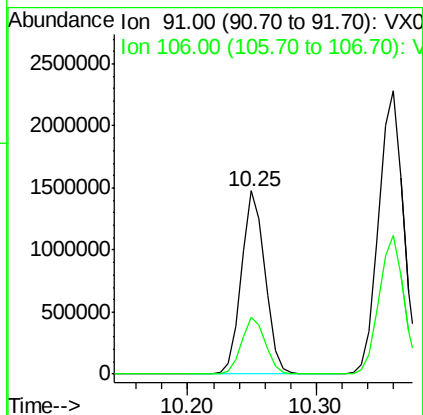
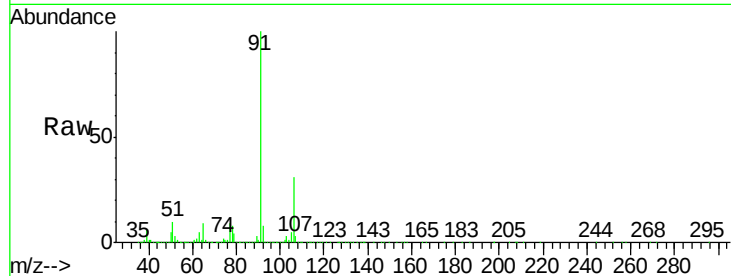
Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 209.889 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007666.D

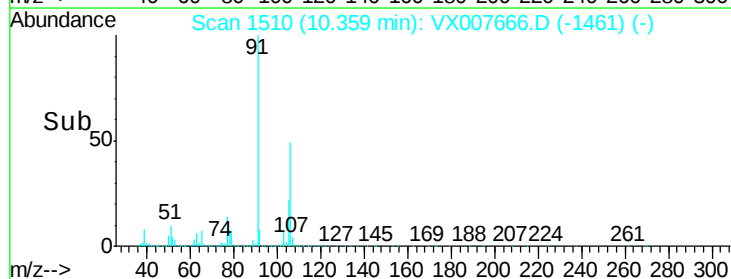
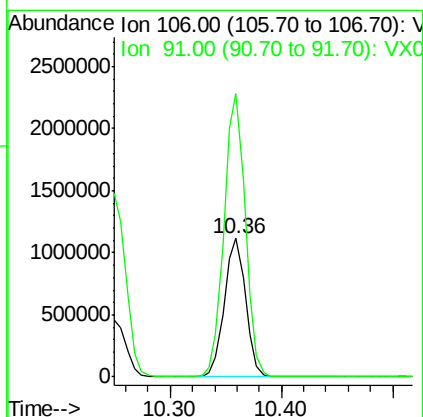
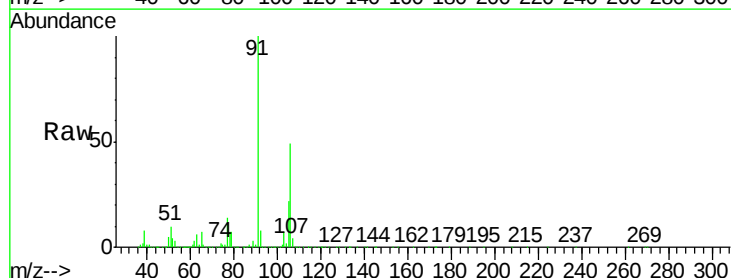
Acq: 25 Feb 2019 11:34

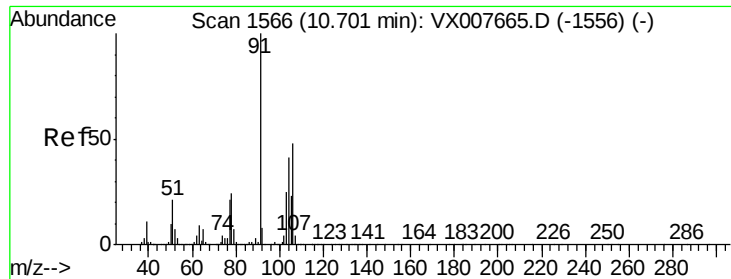
Tgt Ion: 106 Resp: 1468839

Ion Ratio Lower Upper

106 100

91 205.0 156.6 234.8





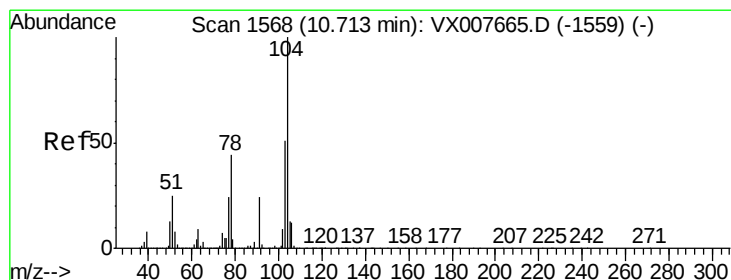
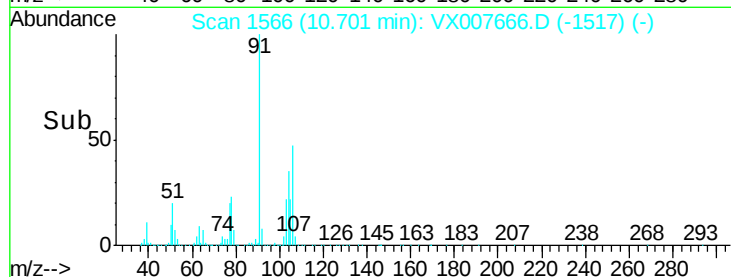
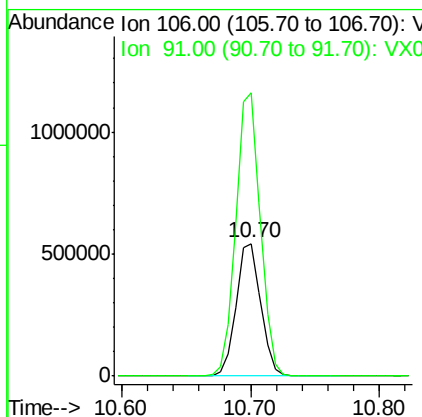
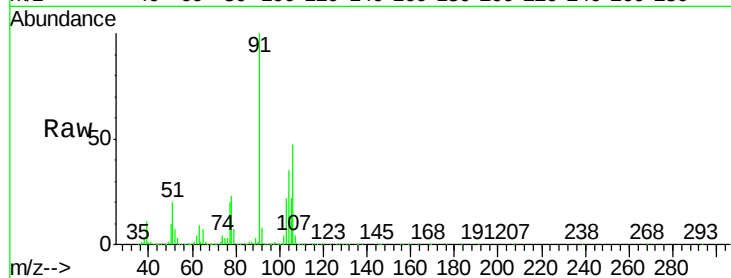
#69
o-Xylene
Concen: 108.446 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.0	102.9	308.7

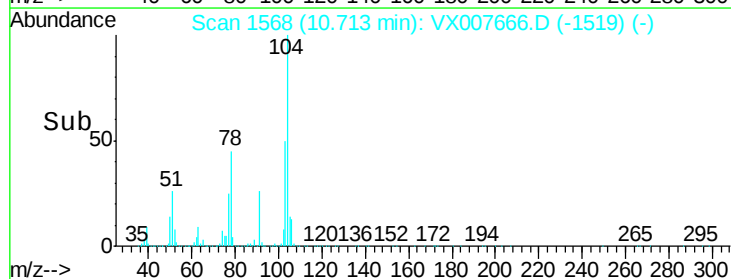
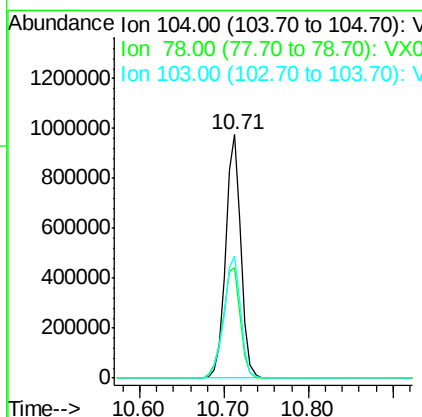
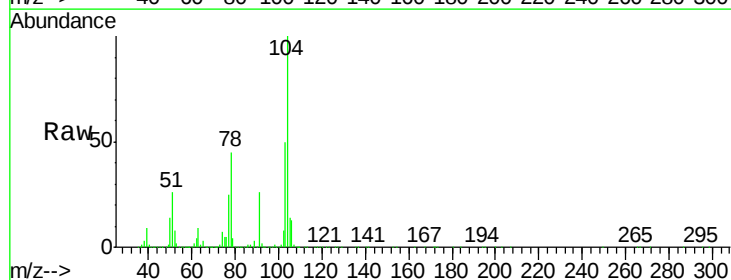
Manual Integrations
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#70
Styrene
Concen: 113.355 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	38.3	57.5
103	55.1	44.6	67.0





#71

Bromoform

Concen: 119.925 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

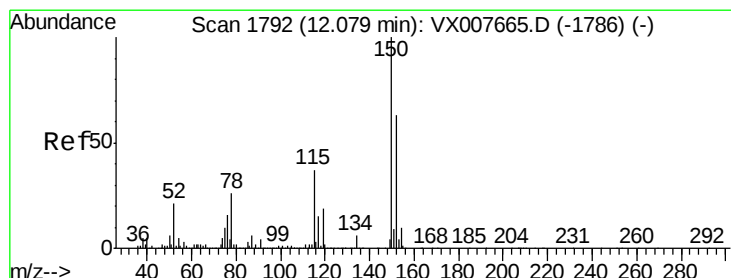
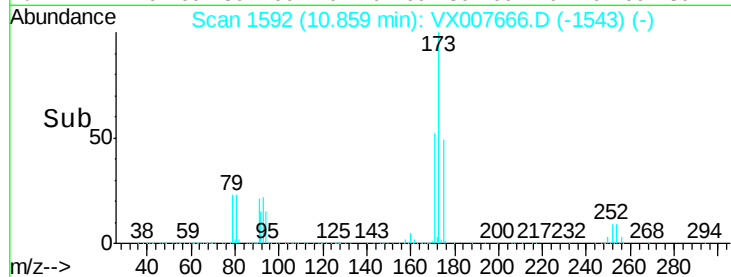
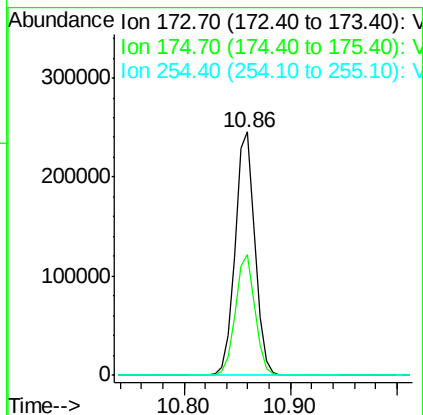
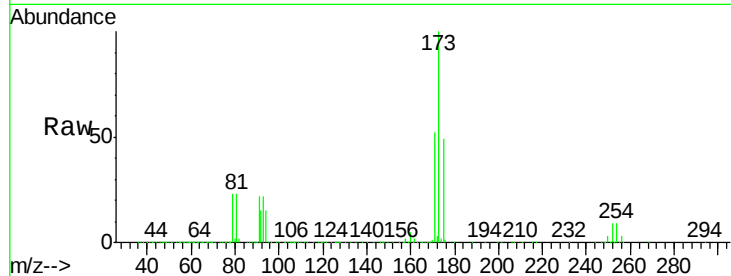
ClientSampleId :

VSTDIC100

Tot Ion:	173	Resp:	320118
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.2	72.6
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

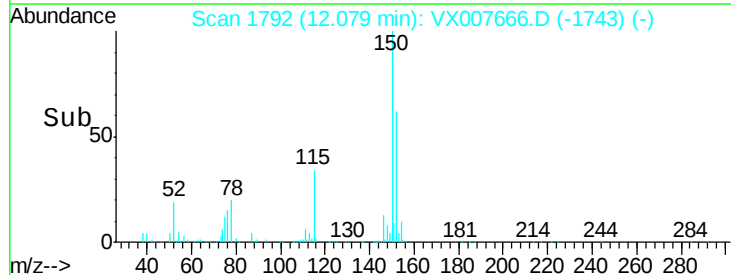
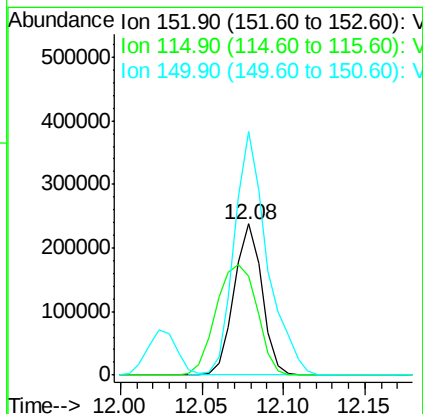
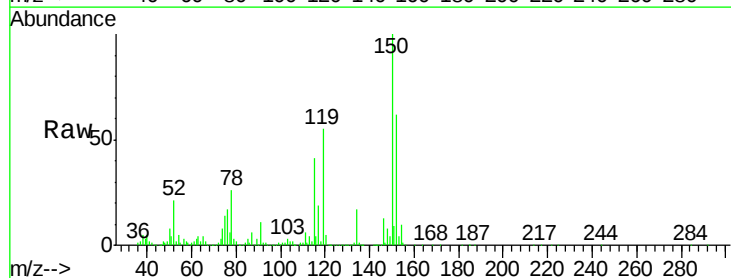
RT: 12.08 min Scan# 1792

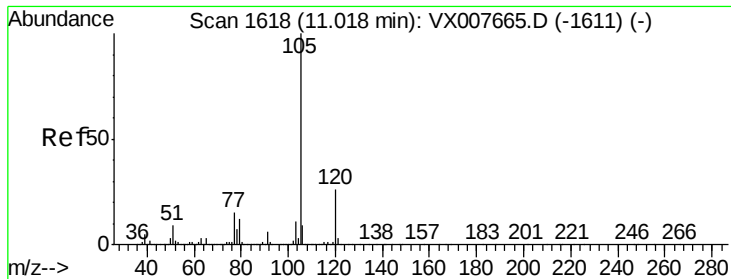
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	152	Resp:	282461
Ion Ratio	Lower	Upper	
152	100		
115	107.9	38.0	114.0
150	190.0	0.0	346.4





#73

Isopropylbenzene

Concen: 95.667 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1959561

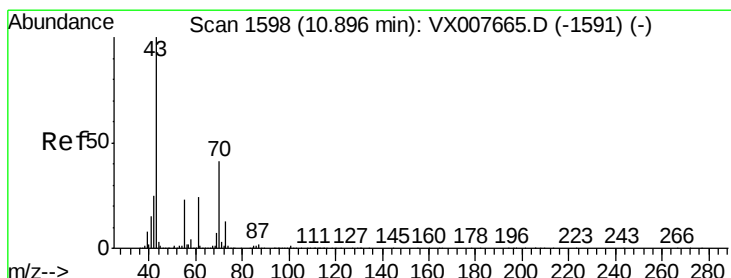
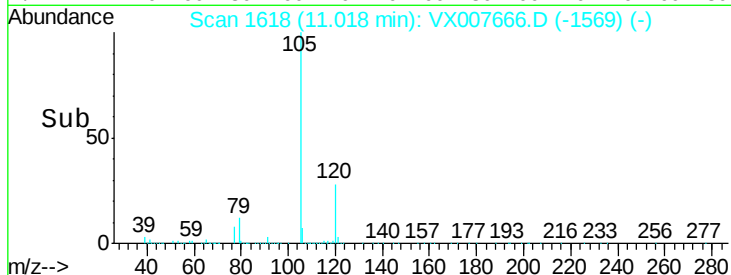
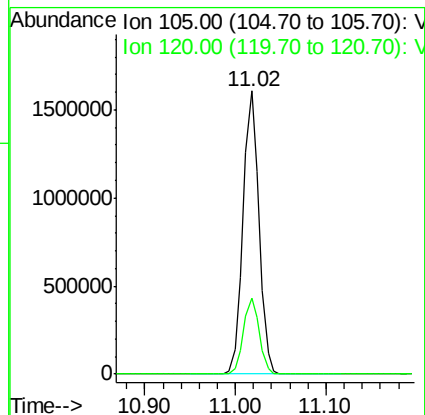
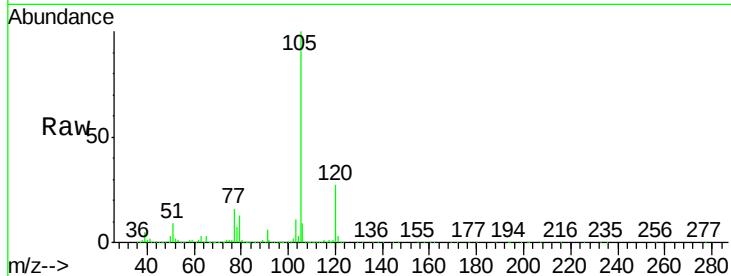
Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 110.024 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion: 43 Resp: 926131

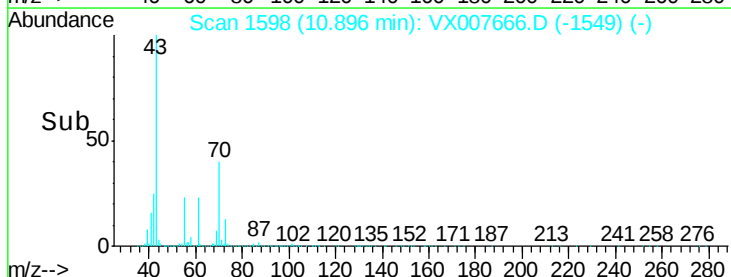
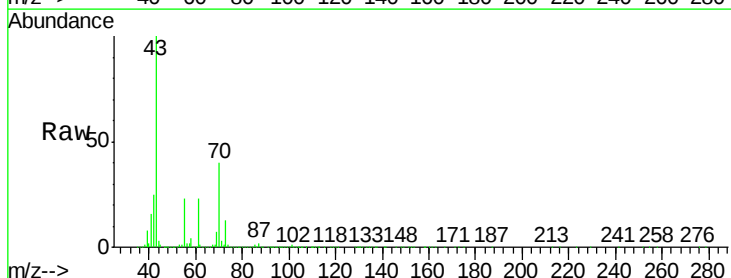
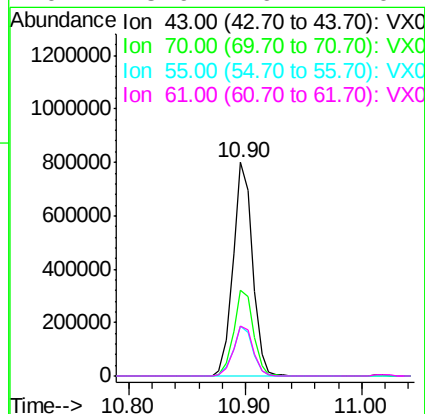
Ion Ratio Lower Upper

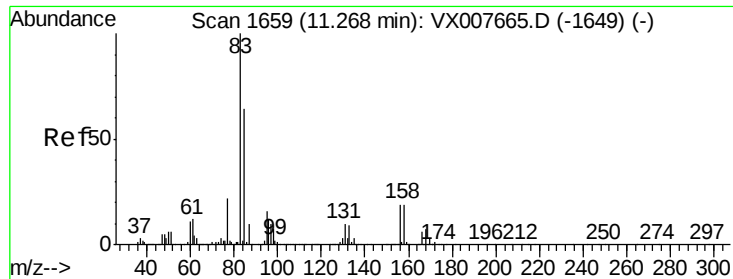
43 100

70 41.0 33.8 50.6

55 23.6 19.5 29.3

61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 91.165 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

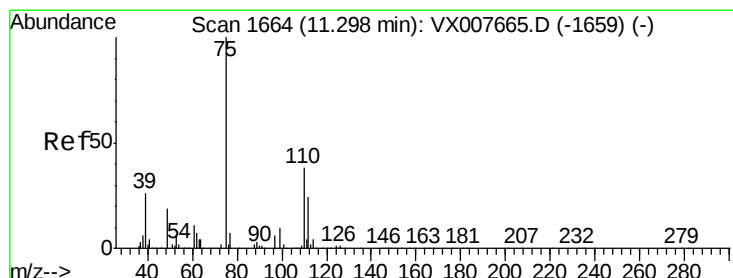
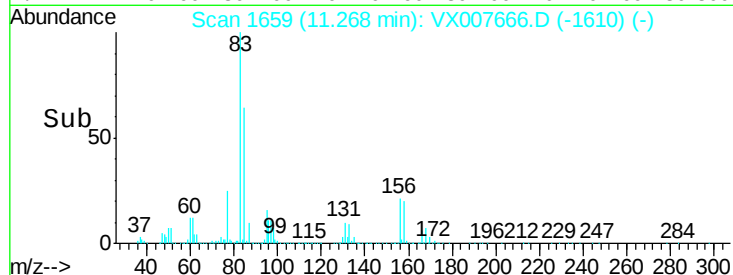
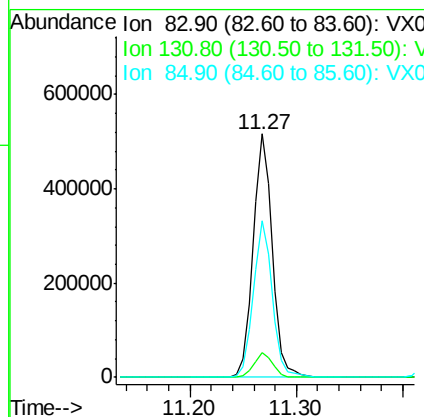
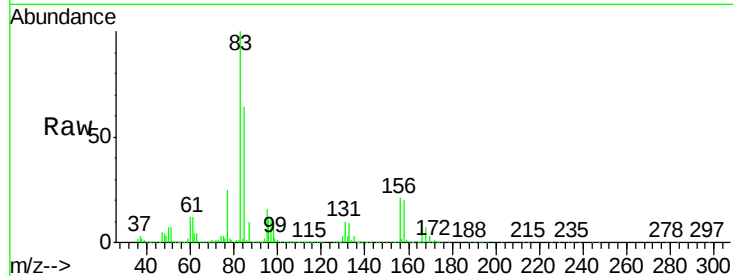
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	652485
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.7	17.0
85	63.7	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 109.073 ug/l m

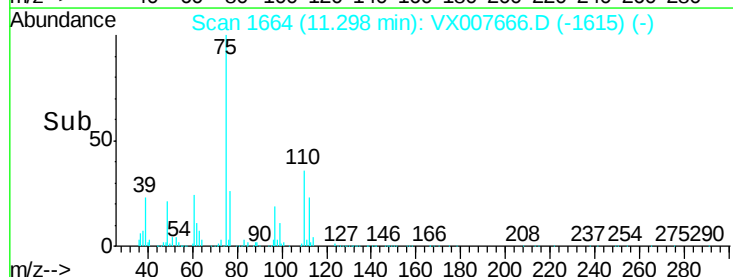
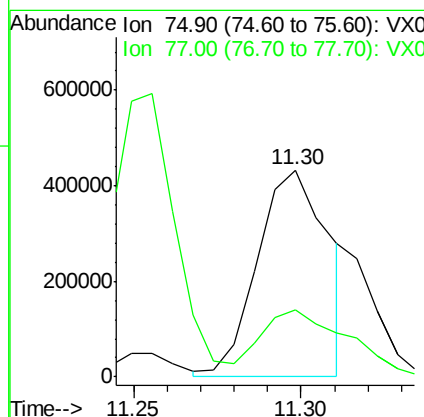
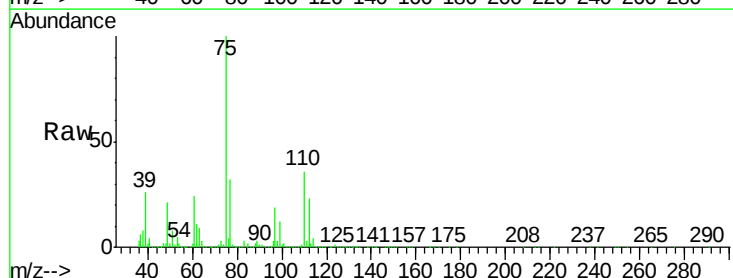
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	75	Resp:	637360
Ion Ratio	Lower	Upper	
75	100		
77	39.1	23.0	69.0





#77

Bromobenzene

Concen: 91.707 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

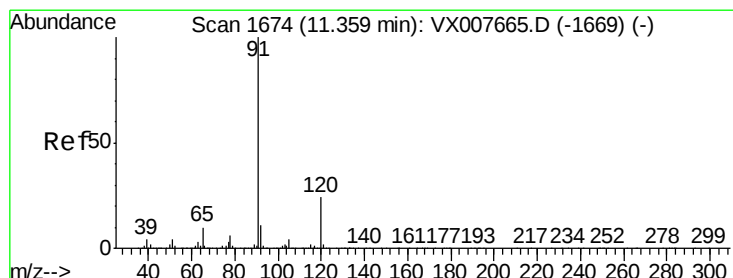
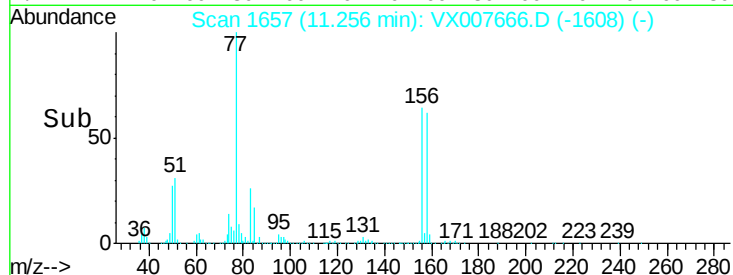
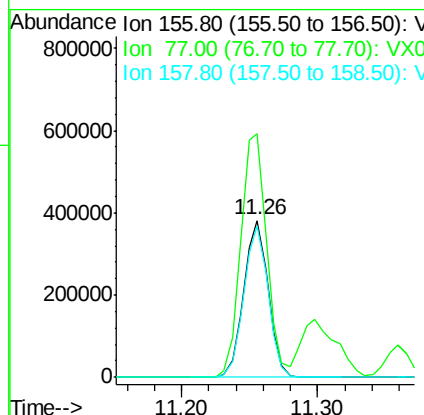
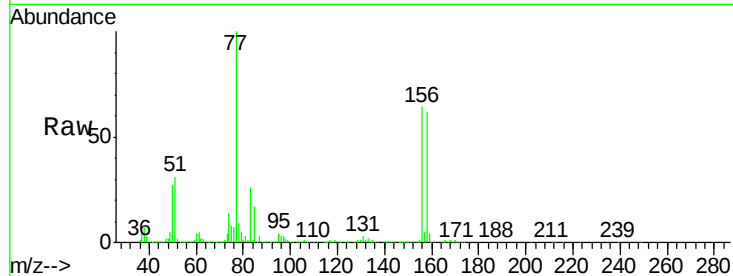
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	476174
Ion Ratio	Lower	Upper	
156	100		
77	164.7	66.8	200.6
158	97.0	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 100.830 ug/l

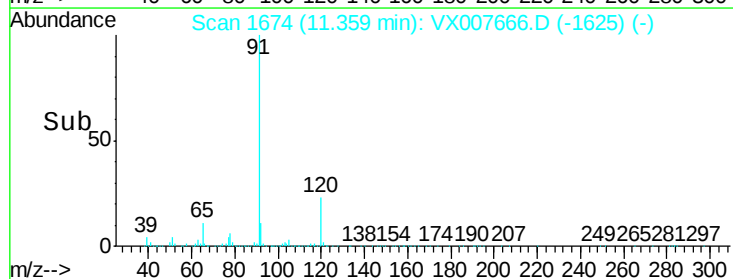
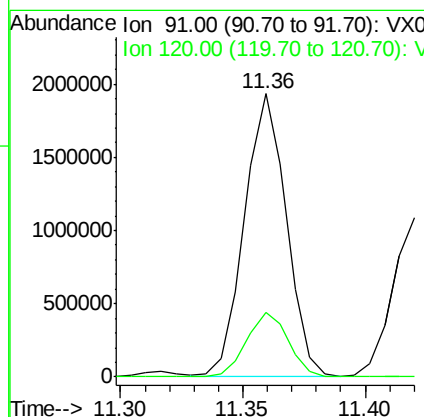
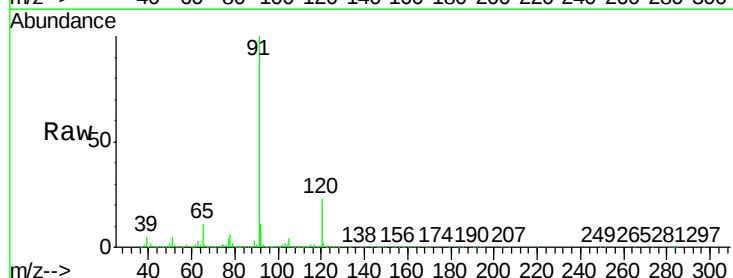
RT: 11.36 min Scan# 1674

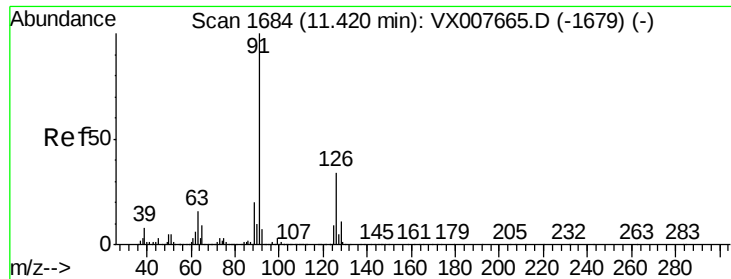
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	91	Resp:	2293745
Ion Ratio	Lower	Upper	
91	100		
120	23.1	12.4	37.2





#79

2-Chlorotoluene

Concen: 97.314 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 91 Resp: 1346346

Ion Ratio Lower Upper

91 100

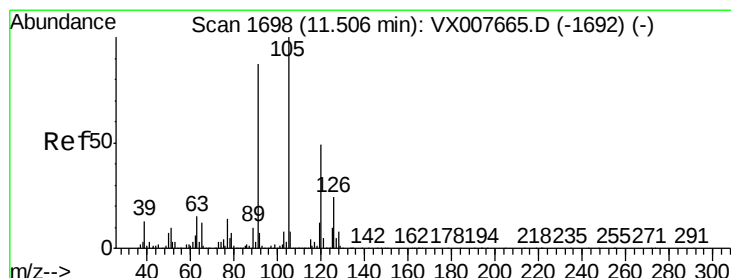
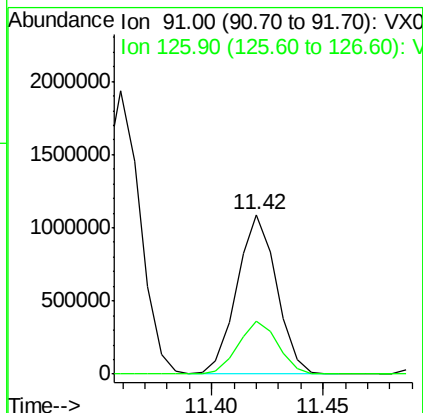
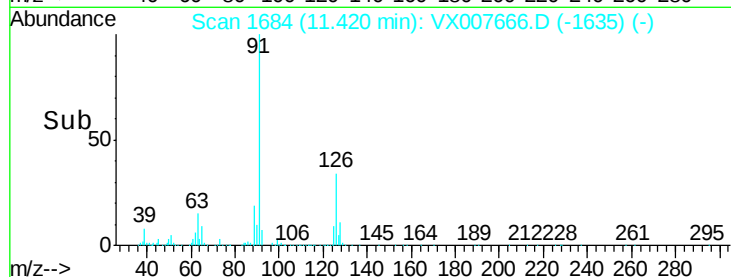
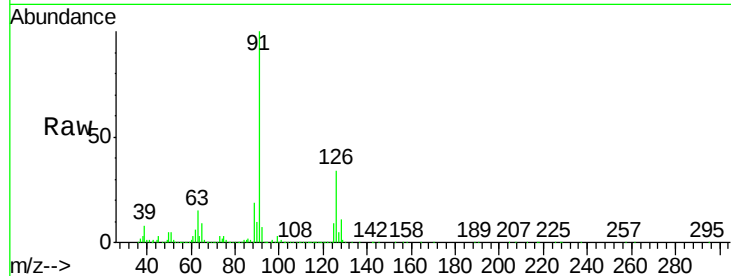
126 33.7 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 99.301 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007666.D

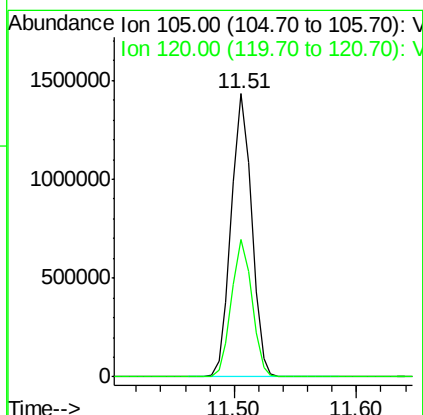
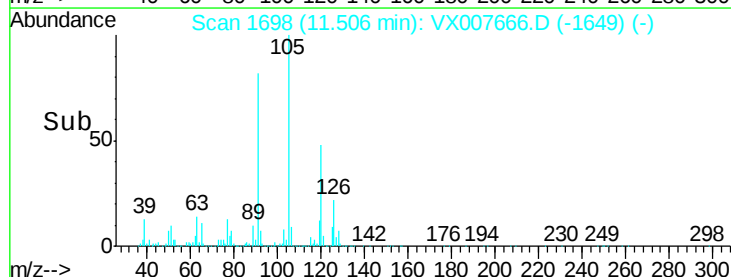
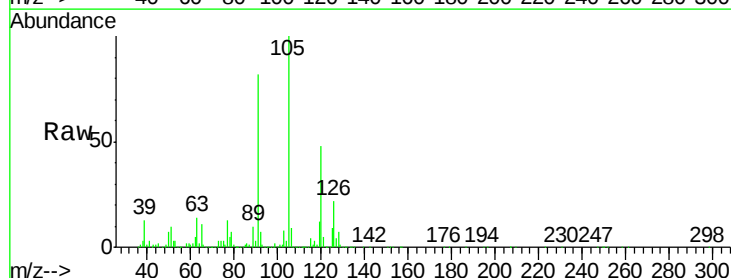
Acq: 25 Feb 2019 11:34

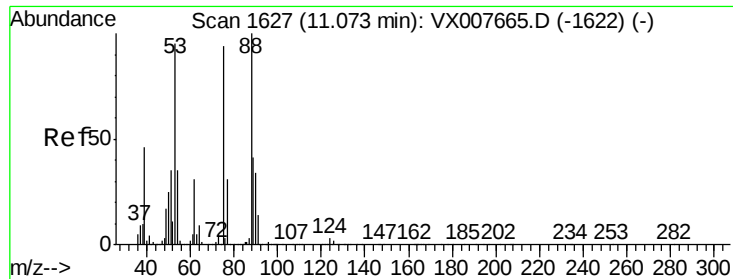
Tgt Ion: 105 Resp: 1653022

Ion Ratio Lower Upper

105 100

120 48.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 123.987 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

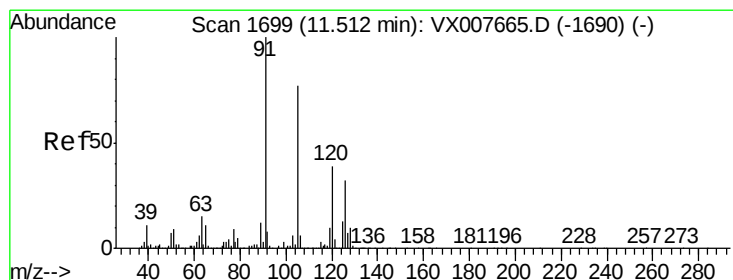
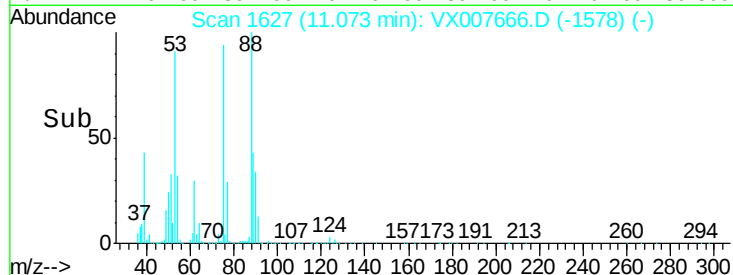
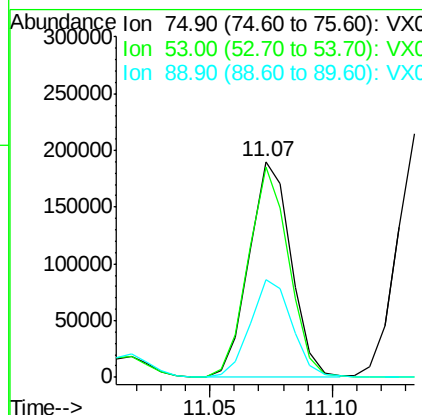
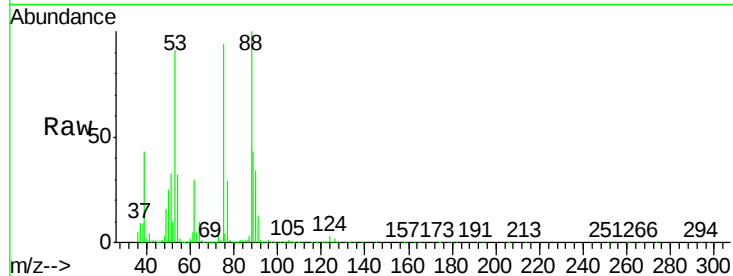
ClientSampleId :

VSTDICC100

Tot Ion:	75	Resp:	226272
Ion	Ratio	Lower	Upper
75	100		
53	95.0	81.0	121.6
89	45.8	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 102.350 ug/l

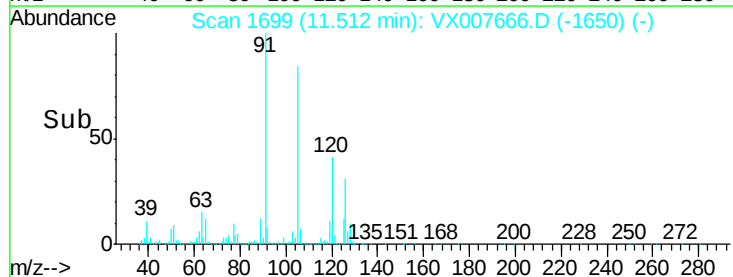
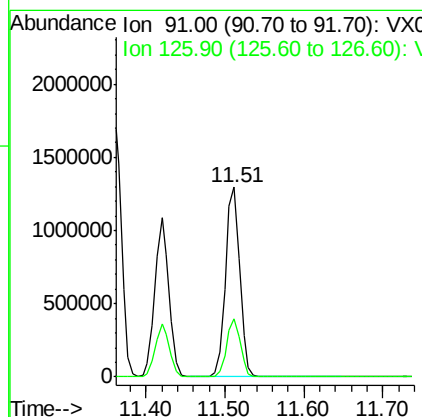
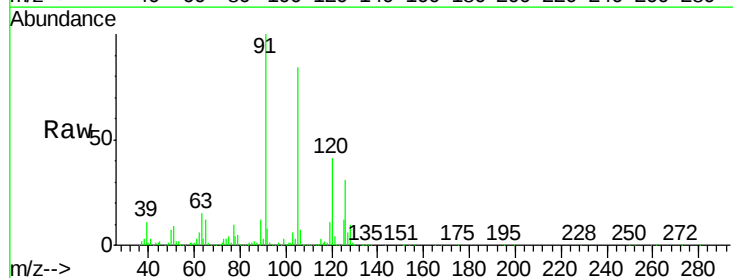
RT: 11.51 min Scan# 1699

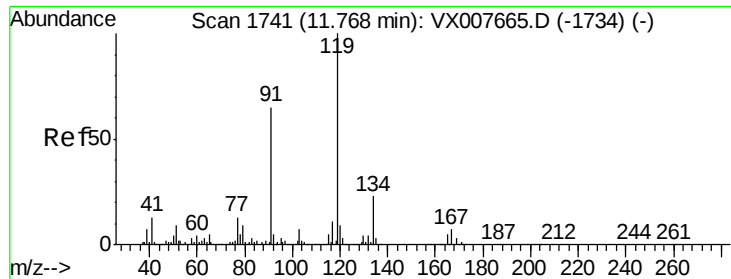
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	91	Resp:	1631049
Ion	Ratio	Lower	Upper
91	100		
126	29.8	16.2	48.5





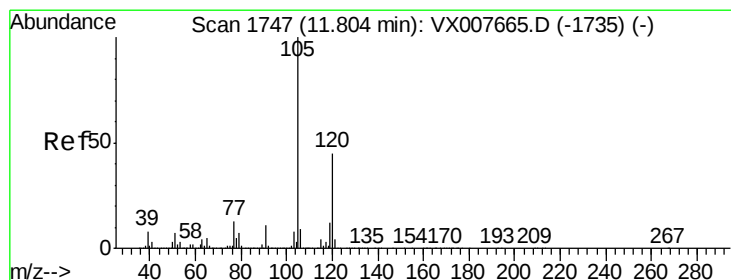
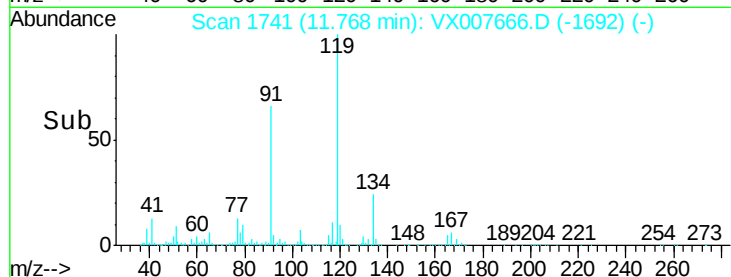
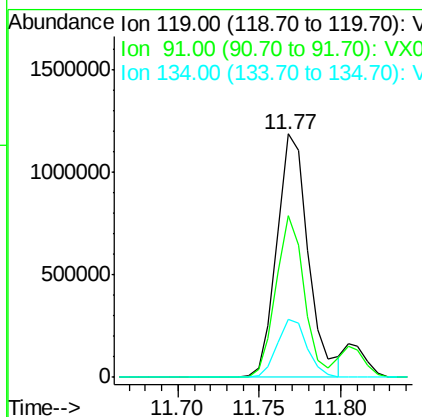
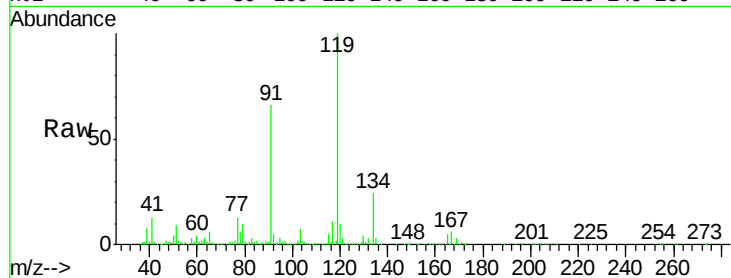
#83
tert-Butylbenzene
Concen: 100.009 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	28.5	85.6
134	22.6	12.0	36.0

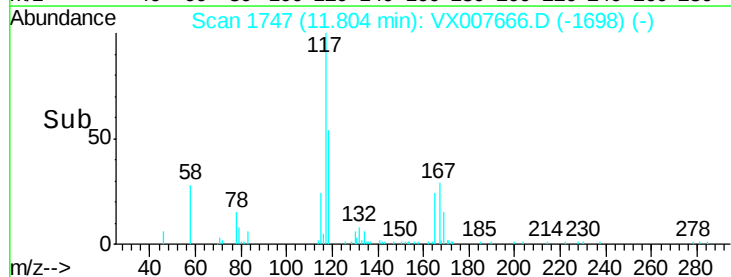
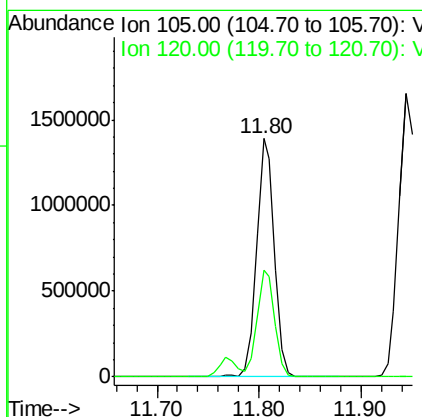
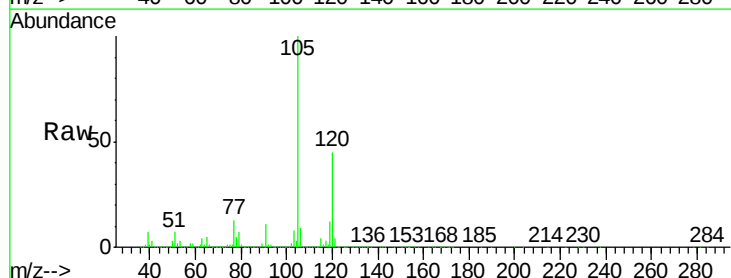
Manual Integrations
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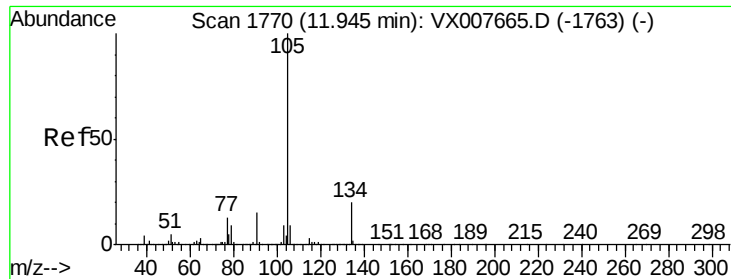
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 100.522 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 100.243 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1998284

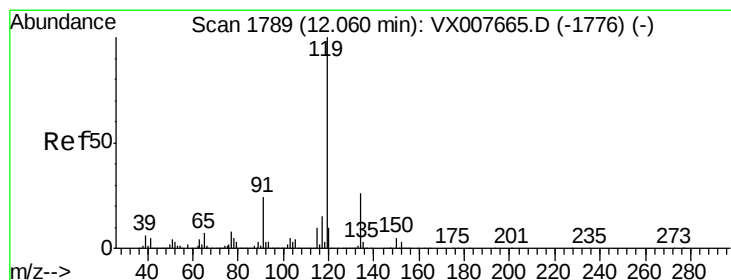
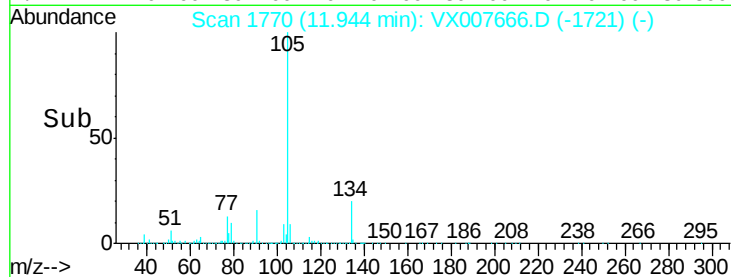
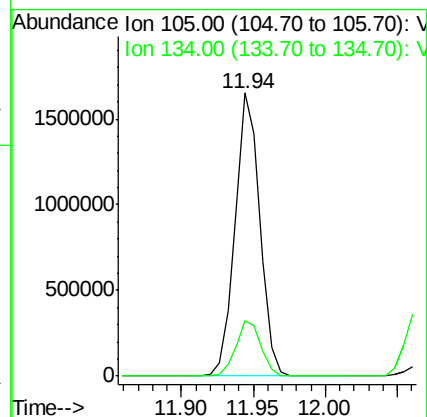
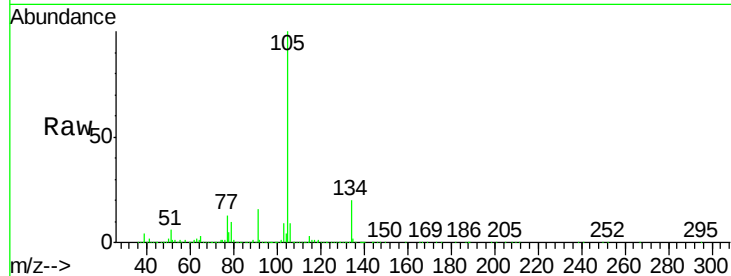
Ion Ratio Lower Upper

105 100

134 19.9 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 101.390 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

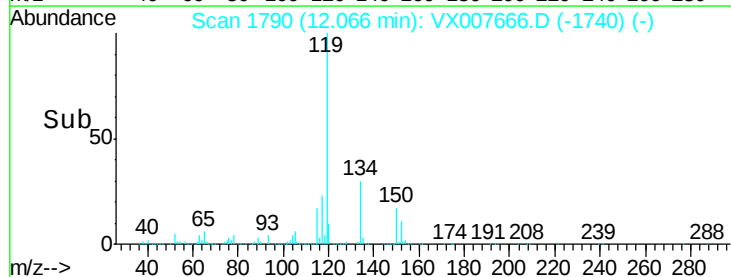
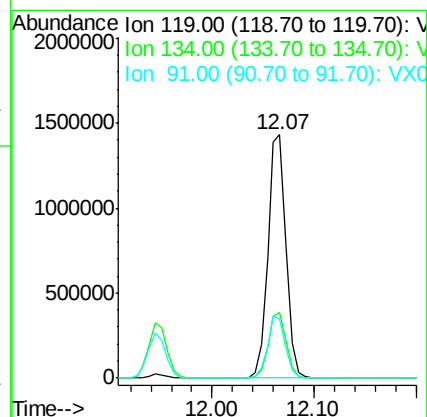
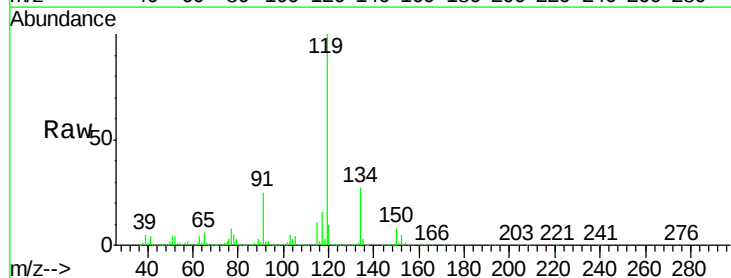
Tgt Ion:119 Resp: 1762331

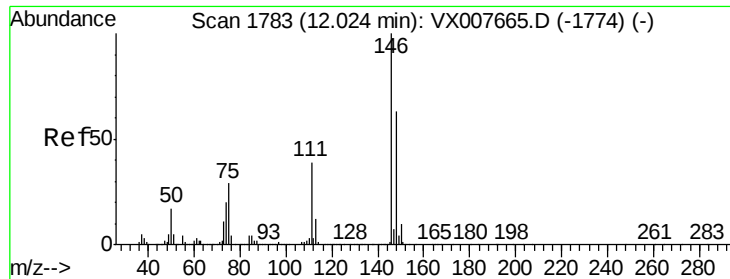
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 25.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 93.354 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

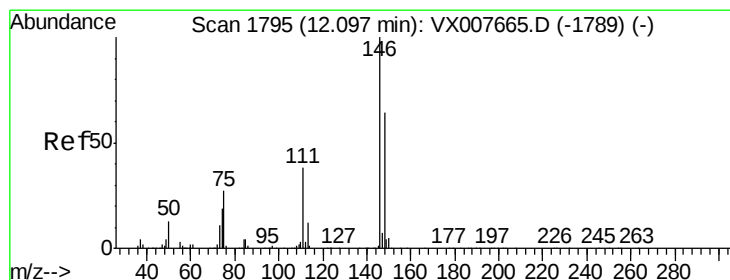
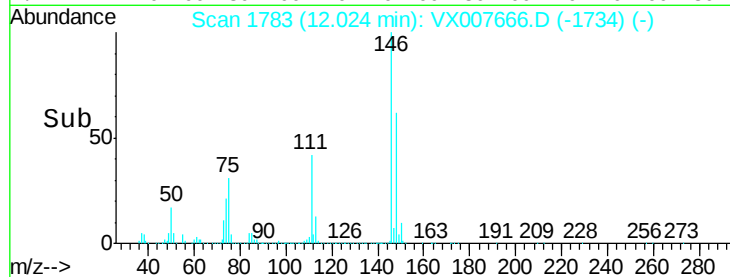
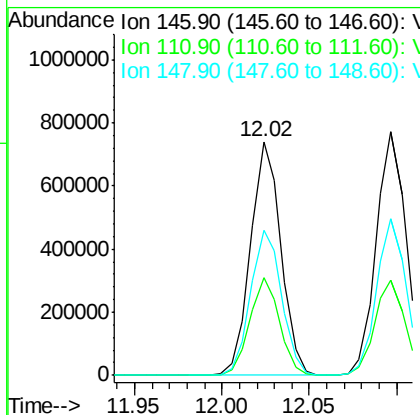
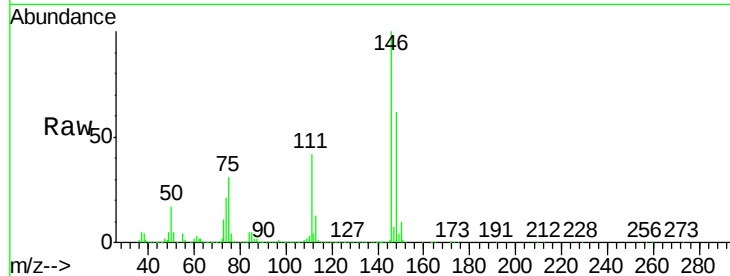
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	894799
Ion Ratio	Lower	Upper	
146	100		
111	40.8	18.1	54.1
148	63.5	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 93.274 ug/l

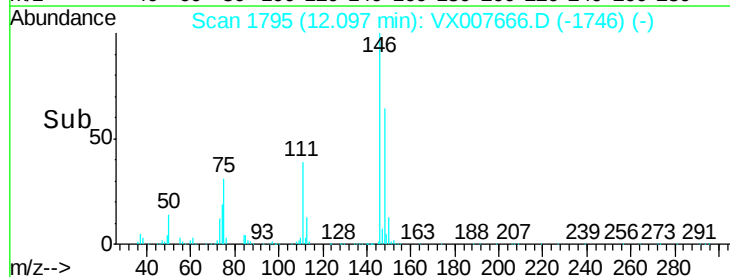
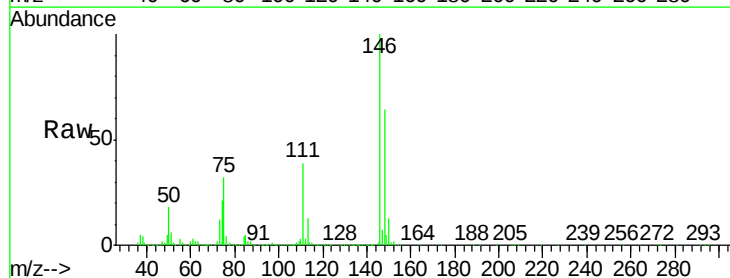
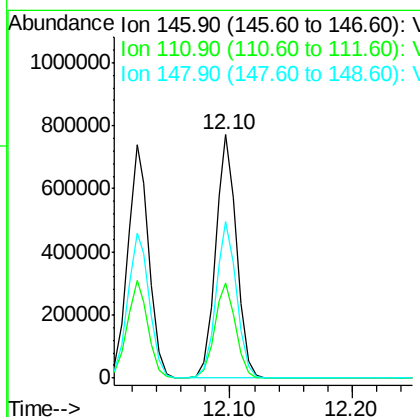
RT: 12.10 min Scan# 1795

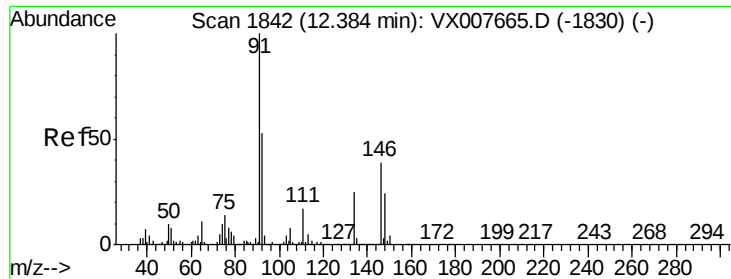
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	146	Resp:	916731
Ion Ratio	Lower	Upper	
146	100		
111	39.3	18.1	54.1
148	63.6	32.3	96.9





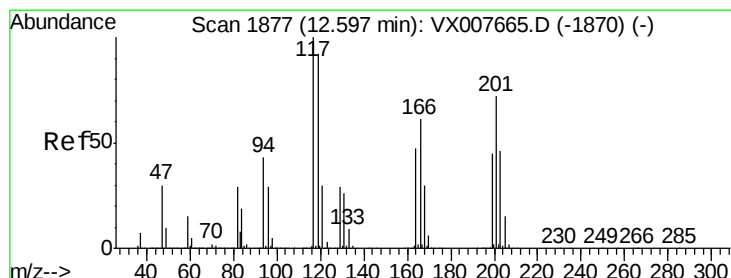
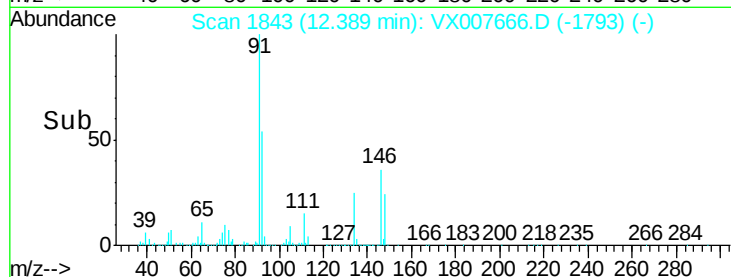
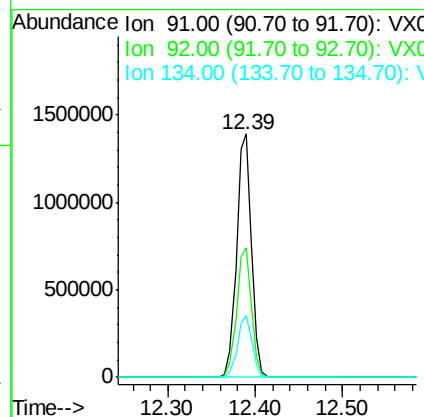
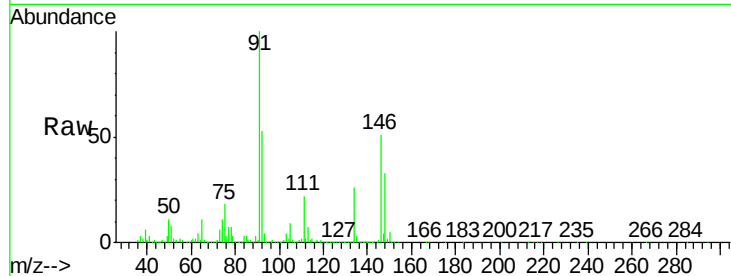
#89
n-Butylbenzene
Concen: 109.453 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.3	78.9
134	25.3	13.9	41.6

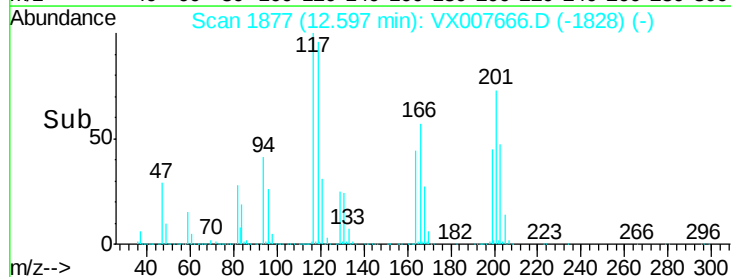
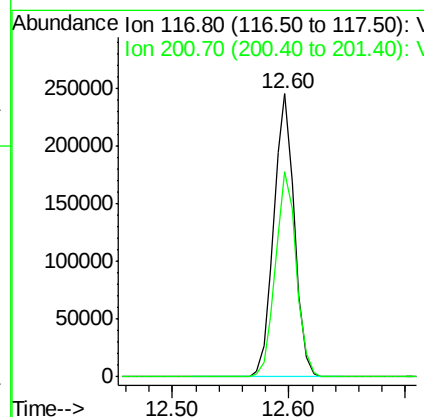
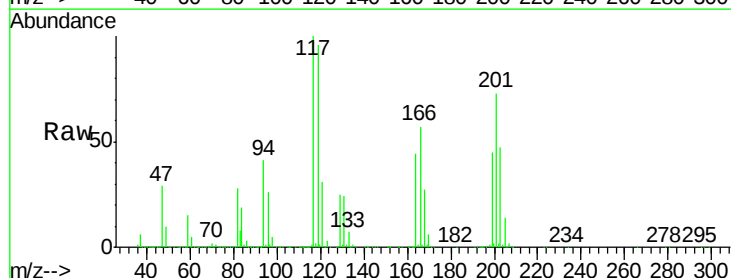
Manual Integrations
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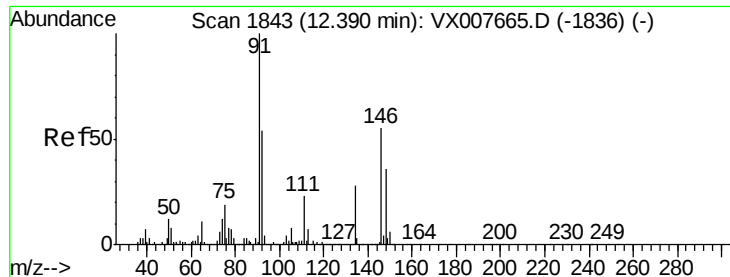
MMDadoda
2/26/2019 2:57:39 PM



#90
Hexachloroethane
Concen: 104.373 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.5	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 91.371 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Instrument :

MSVOA_X

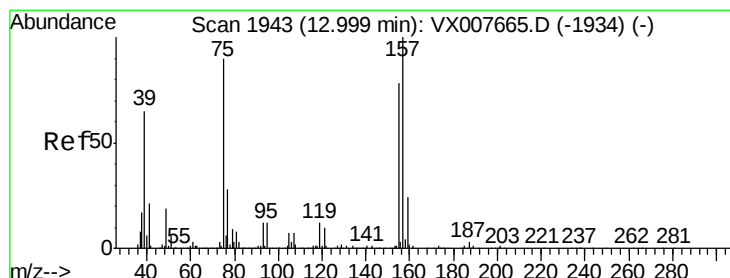
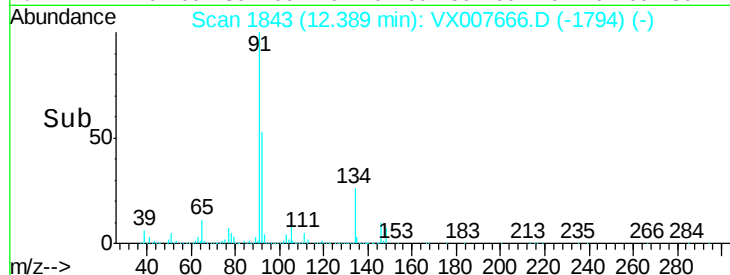
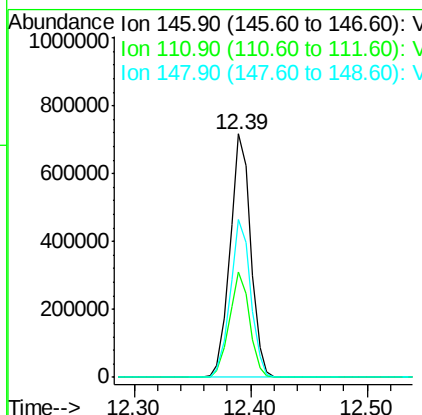
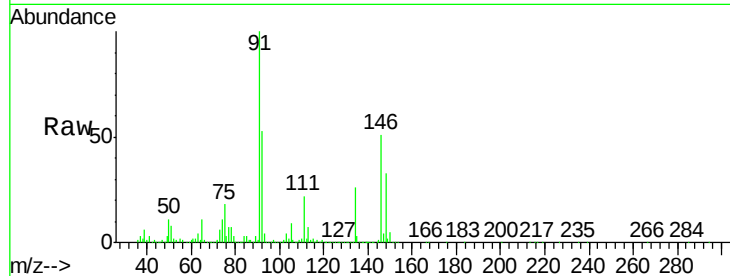
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	882758
Ion Ratio	Lower	Upper	
146	100		
111	42.4	19.1	57.3
148	64.5	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 98.806 ug/l

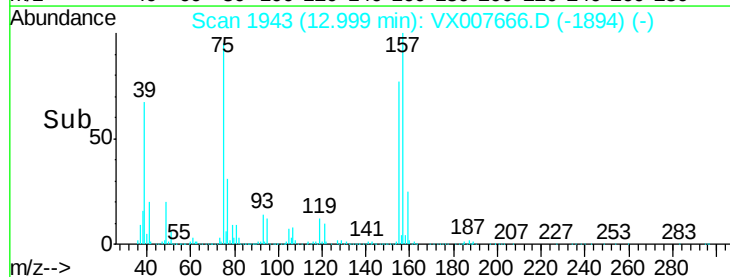
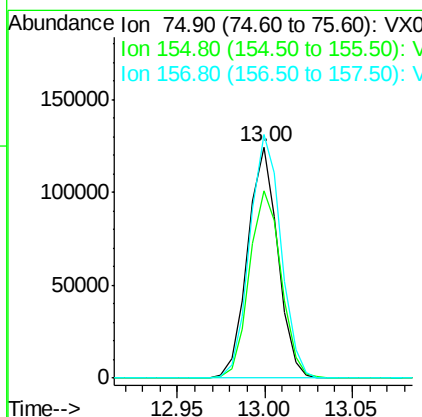
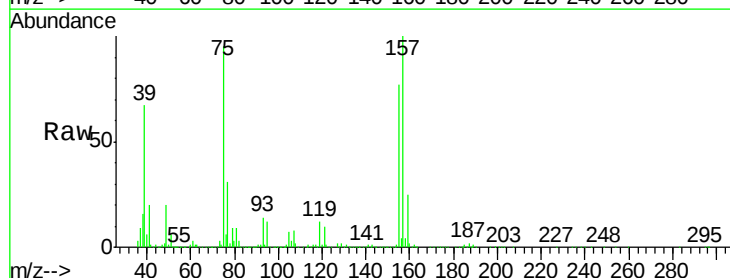
RT: 13.00 min Scan# 1943

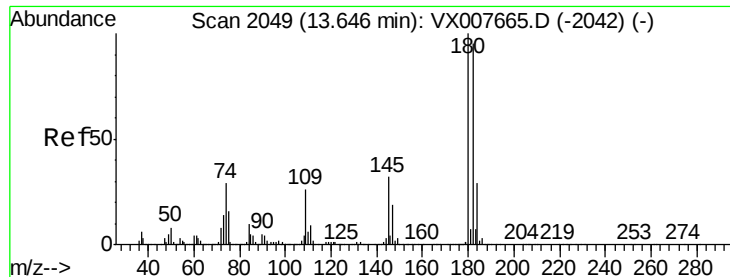
Delta R.T. -0.00 min

Lab File: VX007666.D

Acq: 25 Feb 2019 11:34

Tgt Ion:	75	Resp:	149557
Ion Ratio	Lower	Upper	
75	100		
155	84.9	49.6	149.0
157	109.1	65.1	195.3





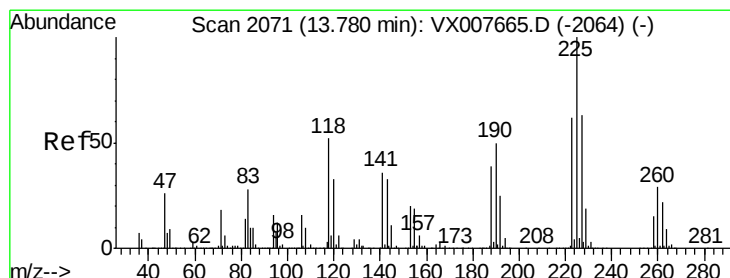
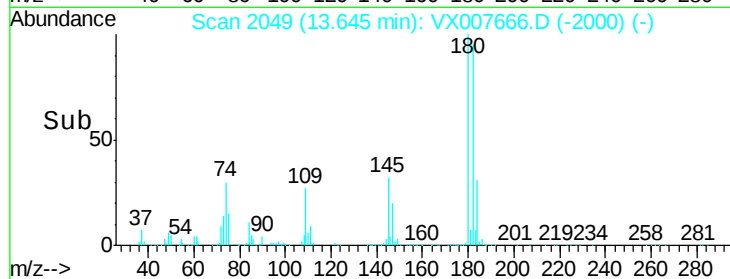
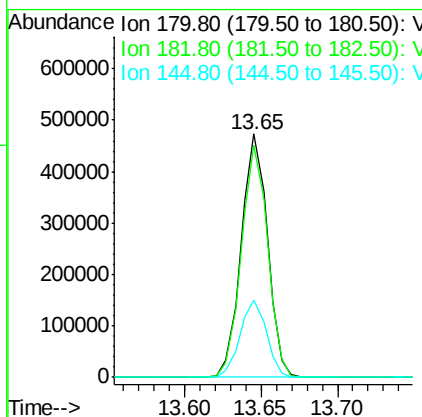
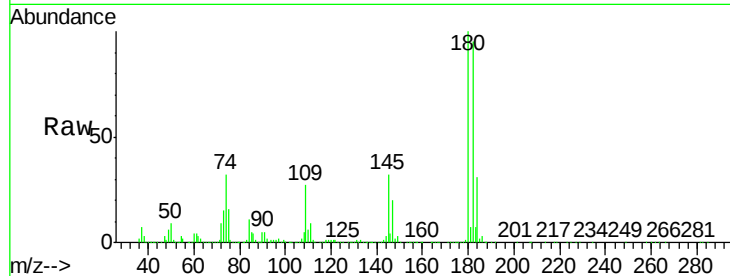
#93
 1,2,4-Trichlorobenzene
 Concen: 98.597 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007666.D
 Acq: 25 Feb 2019 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	563017		
182	95.3	47.8	143.3	
145	32.0	14.1	42.2	

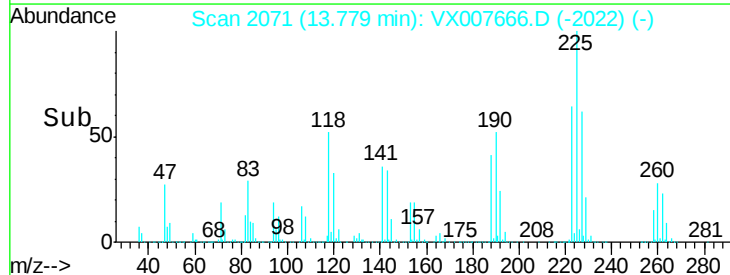
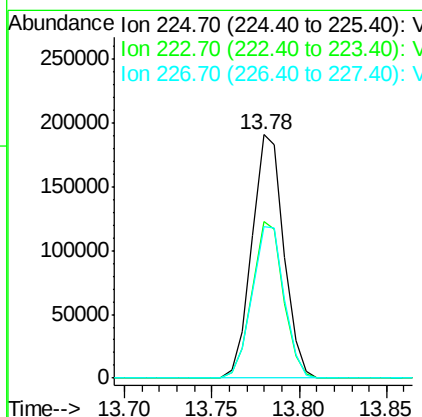
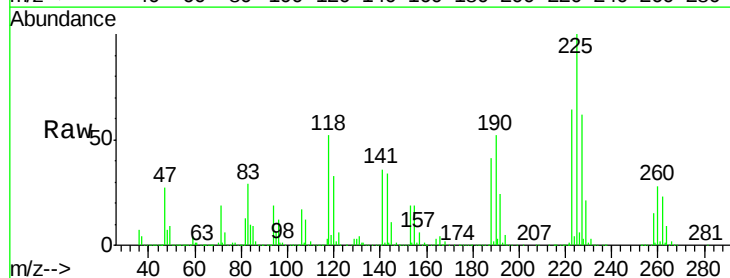
Manual Integrations
 APPROVED

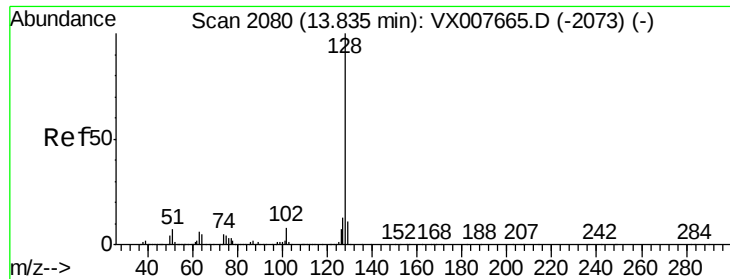
MMDadoda
 2/26/2019 2:57:39 PM



#94
 Hexachlorobutadiene
 Concen: 88.499 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007666.D
 Acq: 25 Feb 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	241081		
223	63.5	31.6	94.8	
227	63.2	32.1	96.3	





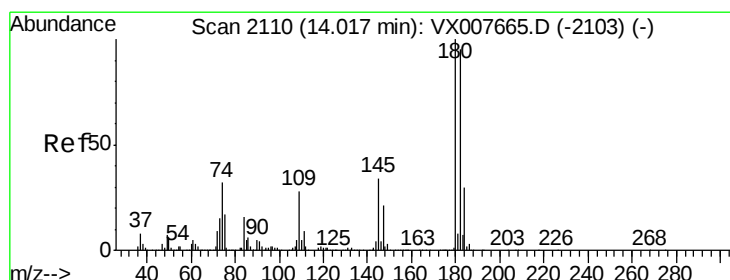
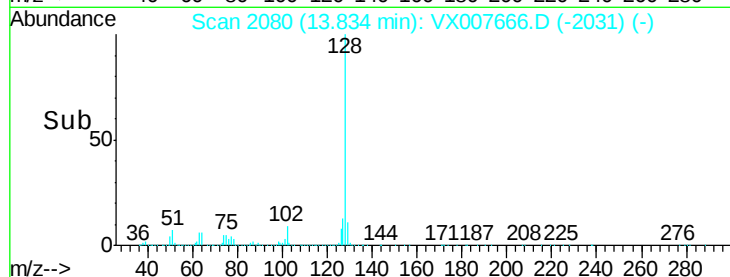
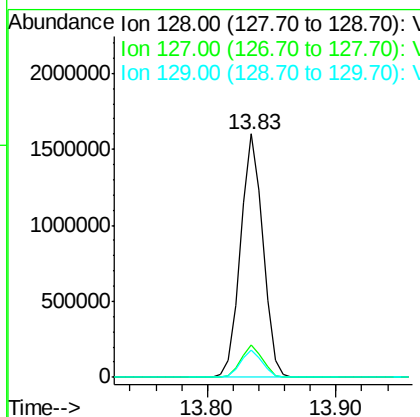
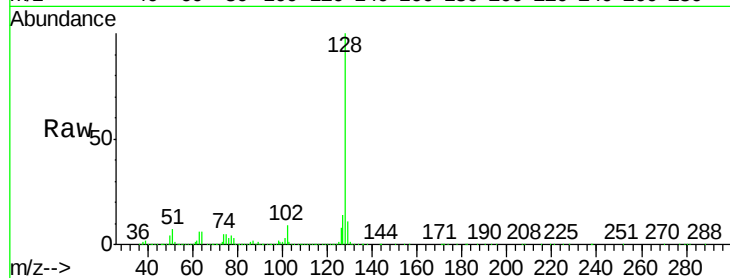
#95
Naphthalene
Concen: 105.679 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 1917124
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
2/26/2019 2:57:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 95.197 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX007666.D
Acq: 25 Feb 2019 11:34

Tgt Ion:180 Resp: 554278
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.6
145 33.6 14.9 44.5

